

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117773.D
 Acq On : 12 Nov 2019 21:26
 Operator : JU
 Sample : K5746-07MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMSD

Manual Integrations
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 11/13/2019 6:48:44 PM

Quant Time: Nov 13 12:19:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 13:32:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	276839	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1051577	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	488092	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	777341	20.00	ng	0.00
76) Chrysene-d12	14.12	240	637431	20.00	ng	0.00
87) Perylene-d12	15.63	264	731344	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1791365	117.13	ng	0.02
7) Phenol-d6	6.55	99	2153097	114.18	ng	0.00
23) Nitrobenzene-d5	7.49	82	1395722	78.36	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	515474	107.96	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2460148	99.45	ng	0.00
79) Terphenyl-d14	13.06	244	2182302	70.48	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.98	88	260818	34.227	ng	# 83
3) Pyridine	3.66	79	550285	26.253	ng	99
4) n-Nitrosodimethylamine	3.59	42	347603	37.632	ng	96
6) Aniline	6.59	93	133772	5.055	ng	99
8) 2-Chlorophenol	6.72	128	706499	41.526	ng	96
9) Benzaldehyde	6.47	77	18041	1.375	ng	95
10) Phenol	6.56	94	792815	39.017	ng	92
11) bis(2-Chloroethyl)ether	6.66	93	666621	39.729	ng	99
12) 1,3-Dichlorobenzene	6.87	146	782465	39.676	ng	99
13) 1,4-Dichlorobenzene	6.95	146	797786	40.412	ng	98
14) 1,2-Dichlorobenzene	7.10	146	744158	40.940	ng	99
15) Benzyl Alcohol	7.06	79	529405	35.210	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	952327	35.896	ng	99
17) 2-Methylphenol	7.17	107	590123	40.386	ng	98
18) Hexachloroethane	7.44	117	277838	38.075	ng	99
19) n-Nitroso-di-n-propylamine	7.34	70	465653	37.555	ng	97
20) 3+4-Methylphenols	7.33	107	702367	40.368	ng	# 87
22) Acetophenone	7.33	105	947862	39.438	ng	# 94
24) Nitrobenzene	7.51	77	746202	40.120	ng	98
25) Isophorone	7.75	82	1285006	37.720	ng	99
26) 2-Nitrophenol	7.83	139	370156	42.869	ng	99
27) 2,4-Dimethylphenol	7.86	122	626282	43.015	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	796030	36.401	ng	100
29) 2,4-Dichlorophenol	8.07	162	579284	38.619	ng	96
30) 1,2,4-Trichlorobenzene	8.15	180	660213	38.448	ng	99
31) Naphthalene	8.23	128	2025334	42.137	ng	99
32) Benzoic acid	7.97	122	423254m	36.725	ng	
33) 4-Chloroaniline	8.29	127	58744	2.630	ng	98
34) Hexachlorobutadiene	8.35	225	375239	38.159	ng	98
35) Caprolactam	8.64	113	142944m	28.752	ng	
36) 4-Chloro-3-methylphenol	8.76	107	558038	36.868	ng	99
37) 2-Methylnaphthalene	8.93	142	1328810	40.609	ng	98
38) 1-Methylnaphthalene	9.03	142	1246872	40.126	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	581585	43.555	ng	99

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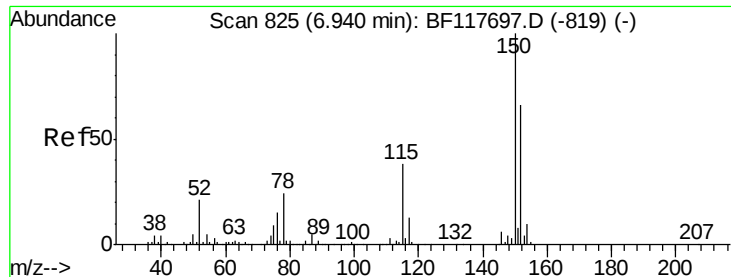
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	327361	45.443	ng	99
43) 2,4,6-Trichlorophenol	9.20	196	417537	42.934	ng	100
44) 2,4,5-Trichlorophenol	9.25	196	385820	39.139	ng	99
46) 1,1'-Biphenyl	9.39	154	1532512	44.831	ng	99
47) 2-Chloronaphthalene	9.42	162	1178866	41.556	ng	99
48) 2-Nitroaniline	9.51	65	321244	36.136	ng	99
49) Acenaphthylene	9.84	152	1771766	42.887	ng	98
50) Dimethylphthalate	9.69	163	1337678	40.540	ng	98
51) 2,6-Dinitrotoluene	9.75	165	292471	39.583	ng	# 86
52) Acenaphthene	10.01	154	1110722	41.665	ng	99
53) 3-Nitroaniline	9.92	138	81083	9.096	ng	94
54) 2,4-Dinitrophenol	10.03	184	147786	58.342	ng	98
55) Dibenzofuran	10.18	168	1514145	40.591	ng	98
56) 4-Nitrophenol	10.07	139	452981	67.570	ng	90
57) 2,4-Dinitrotoluene	10.16	165	358478	37.821	ng	97
58) Fluorene	10.53	166	1094645	39.816	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	304806	37.196	ng	97
60) Diethylphthalate	10.39	149	1242999	38.304	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	563070	39.344	ng	100
62) 4-Nitroaniline	10.53	138	182487	20.799	ng	96
63) Azobenzene	10.67	77	1088954	35.430	ng	95
65) 4,6-Dinitro-2-methylphenol	10.56	198	106941	34.453	ng	92
66) n-Nitrosodiphenylamine	10.63	169	808104	35.198	ng	100
67) 4-Bromophenyl-phenylether	11.01	248	334164	39.362	ng	99
68) Hexachlorobenzene	11.07	284	374271	38.163	ng	# 88
69) Atrazine	11.16	200	207281	27.398	ng	97
70) Pentachlorophenol	11.27	266	423157	77.185	ng	97
71) Phenanthrene	11.49	178	1531661	41.108	ng	99
72) Anthracene	11.55	178	1550105	41.817	ng	98
73) Carbazole	11.70	167	1224465	36.134	ng	97
74) Di-n-butylphthalate	12.03	149	1646850	39.967	ng	99
75) Fluoranthene	12.69	202	1550739	40.761	ng	99
77) Benzidine	12.80	184	32261	1.456	ng	97
78) Pyrene	12.92	202	1599260	34.369	ng	98
80) Butylbenzylphthalate	13.53	149	702094	32.666	ng	99
81) Benzo(a)anthracene	14.11	228	1622522	40.893	ng	98
82) 3,3'-Dichlorobenzidine	14.06	252	155973	10.525	ng	99
83) Chrysene	14.14	228	1559734	39.806	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	947411	34.172	ng	# 98
85) Di-n-octyl phthalate	14.72	149	1766325	40.486	ng	99
86) Indeno(1,2,3-cd)pyrene	17.17	276	1437943	39.428	ng	99
88) Benzo(b)fluoranthene	15.19	252	1772601	38.484	ng	99
89) Benzo(k)fluoranthene	15.22	252	1636709	39.840	ng	99
90) Benzo(a)pyrene	15.57	252	1507487	37.754	ng	99
91) Dibenzo(a,h)anthracene	17.19	278	1243646	34.728	ng	99
92) Benzo(g,h,i)perylene	17.63	276	1112969	32.069	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

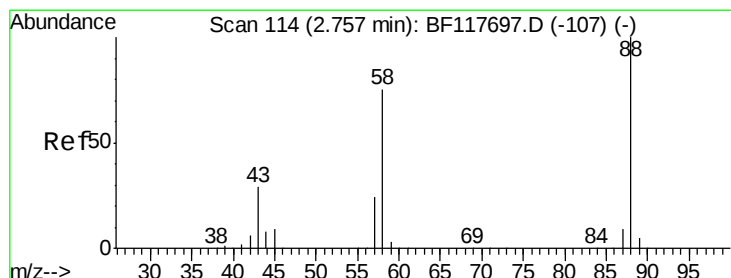
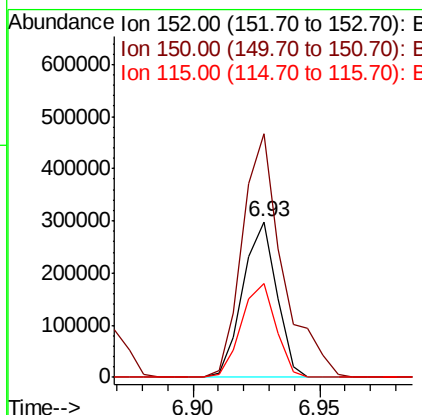
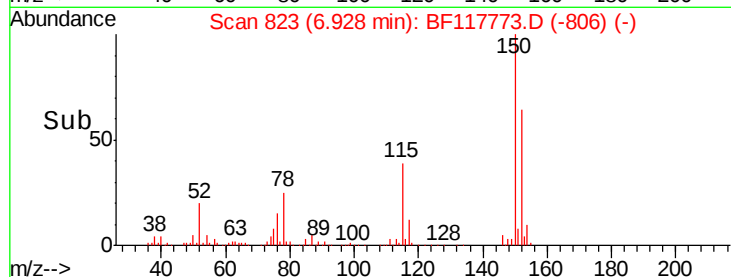
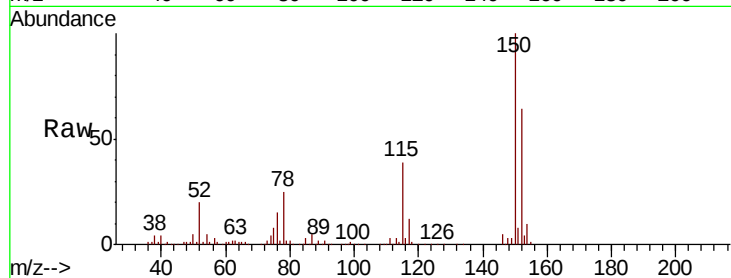
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.6	190.0
115	60.6	47.6	71.4

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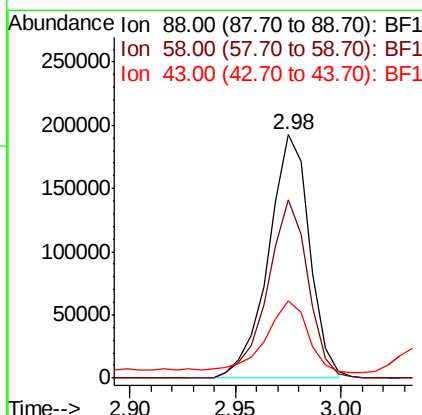
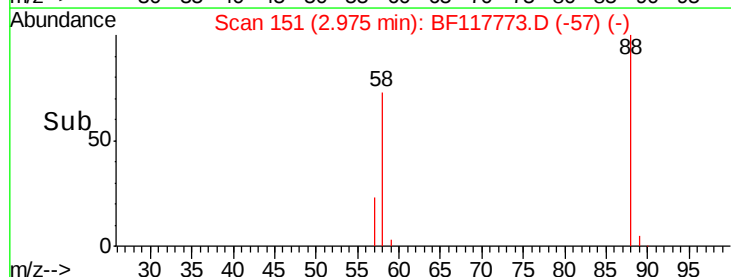
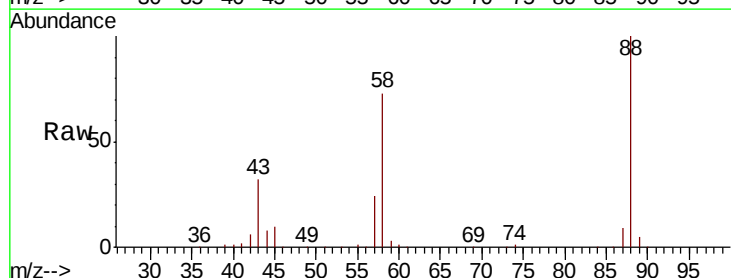
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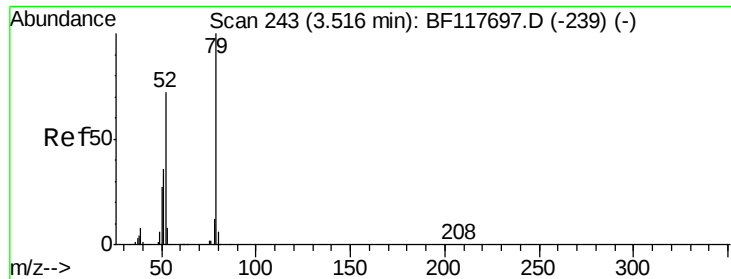


#2

1,4-Dioxane
Concen: 34.227 ng
RT: 2.98 min Scan# 151
Delta R.T. 0.25 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.0	59.2	88.8
43	0.0	23.0	34.4#





#3

Pvridine

Concen: 26.253 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.17 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

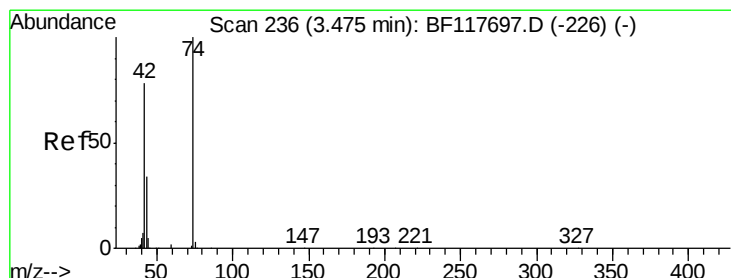
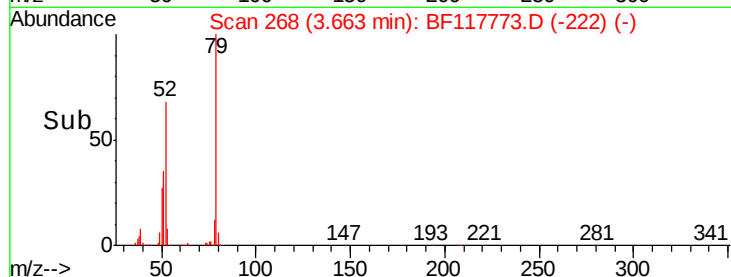
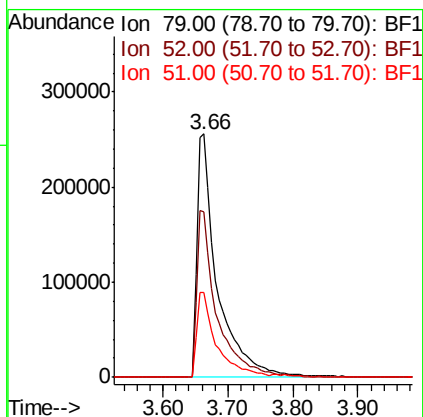
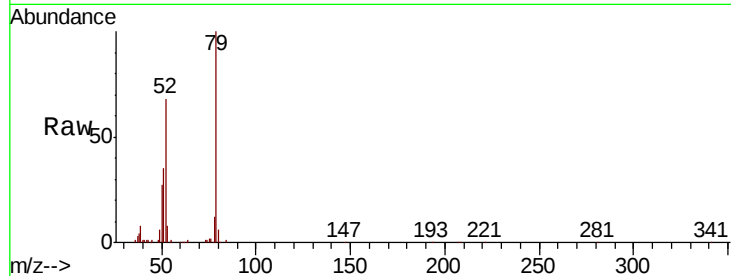
ClientSampleId :

TP-1A-COMPMSD

Tot Ion:	79	Resp:	550285
Ion Ratio	Lower	Upper	
79	100		
52	68.1	55.6	83.4
51	34.7	27.7	41.5

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#4

n-Nitrosodimethylamine

Concen: 37.632 ng

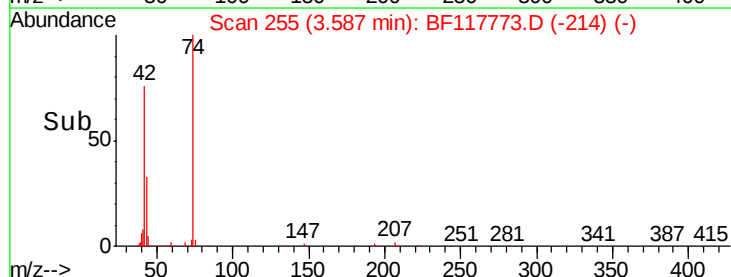
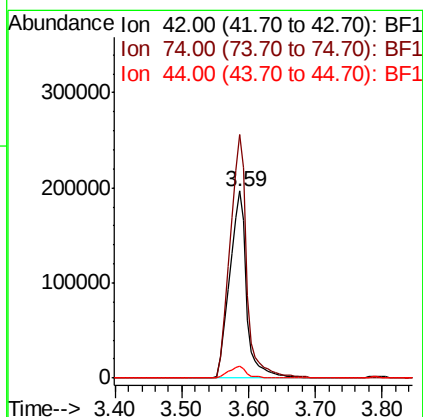
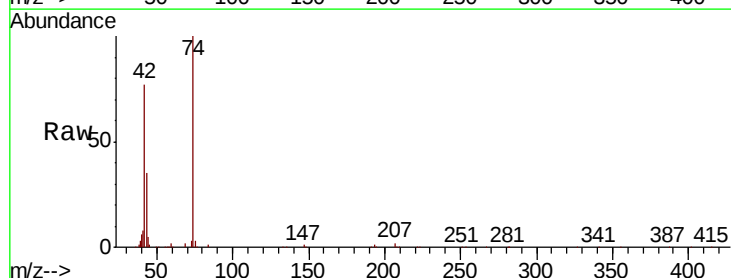
RT: 3.59 min Scan# 255

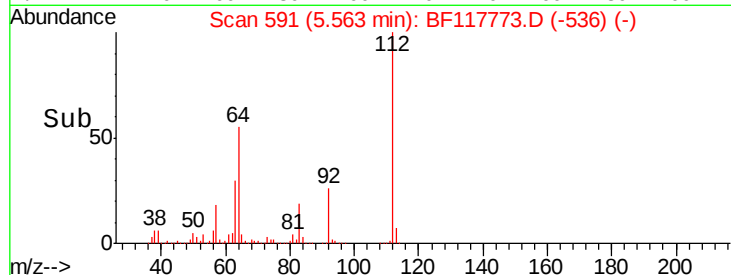
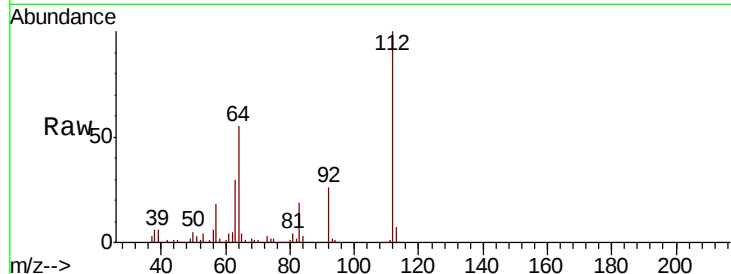
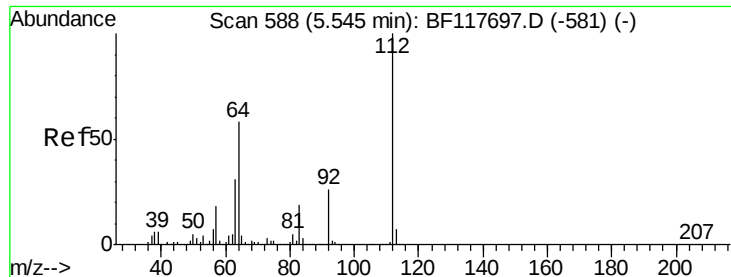
Delta R.T. 0.14 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Tgt Ion:	42	Resp:	347603
Ion Ratio	Lower	Upper	
42	100		
74	130.3	108.5	162.7
44	6.5	5.0	7.6





#5

2-Fluorophenol

Concen: 117.131 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.02 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Tot Ion:	112	Resp:	1791365
Ion	Ratio	Lower	Upper
112	100		
64	54.7	43.5	65.3
63	29.9	23.5	35.3

Instrument :

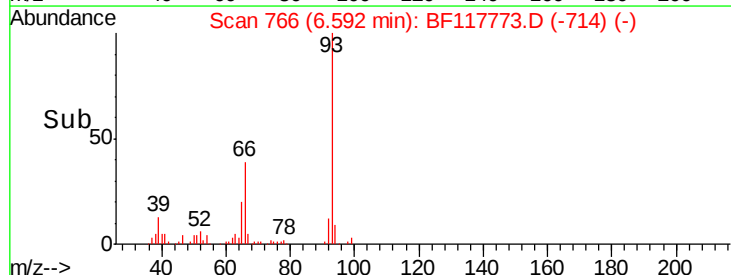
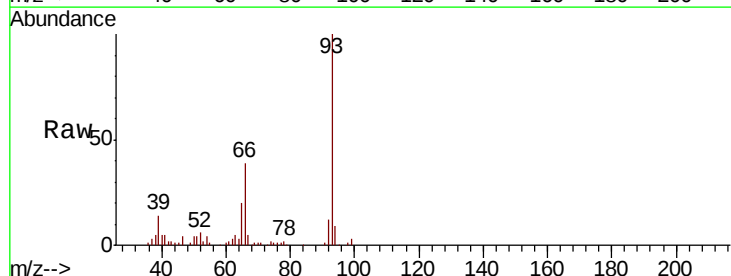
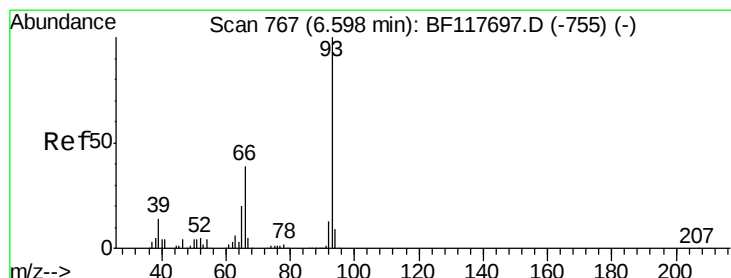
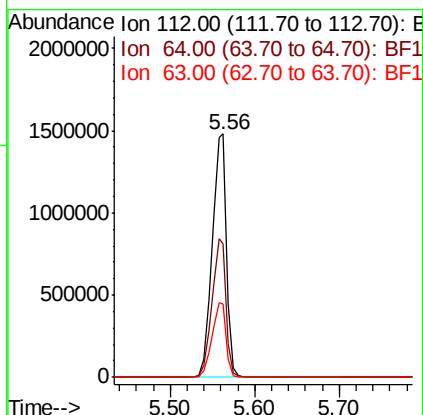
BNA_F

ClientSampleId :

TP-1A-COMPMSD

Manual Integrations
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#6

Aniline

Concen: 5.055 ng

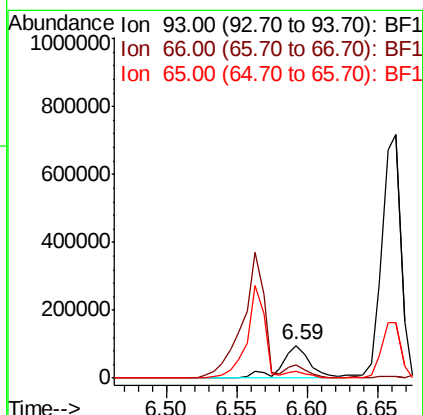
RT: 6.59 min Scan# 766

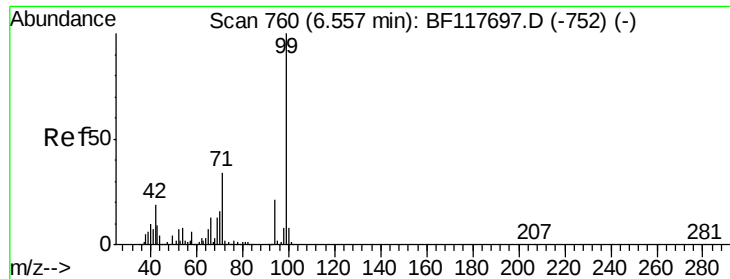
Delta R.T. 0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Tgt Ion:	93	Resp:	133772
Ion	Ratio	Lower	Upper
93	100		
66	39.4	31.8	47.6
65	19.6	16.2	24.2





#7

Phenol-d6

Concen: 114.177 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

Tot Ion: 99 Resp: 2153097

Ion Ratio Lower Upper

99 100

42 19.7 15.3 22.9

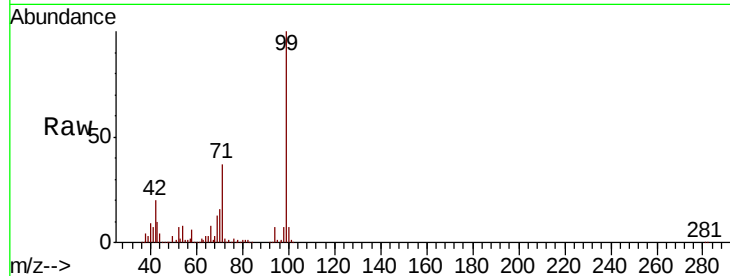
71 37.0 28.2 42.2

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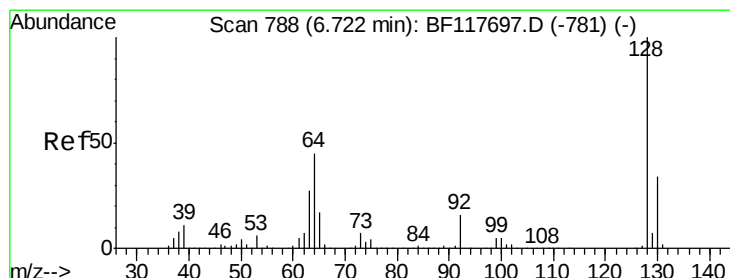
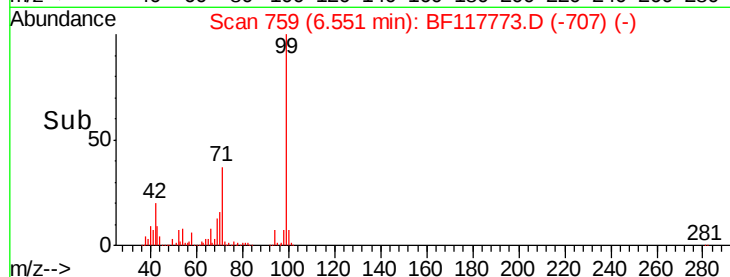
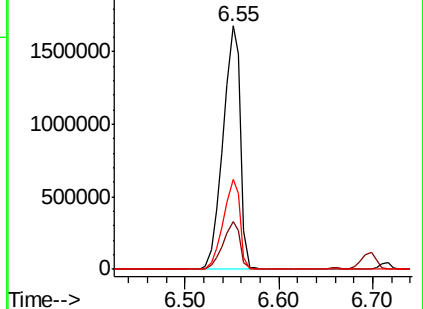
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.526 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

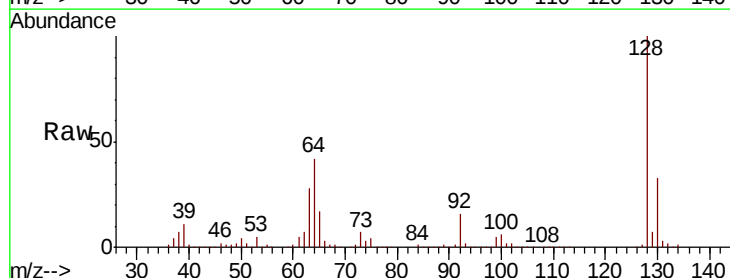
Tgt Ion: 128 Resp: 706499

Ion Ratio Lower Upper

128 100

130 33.1 12.4 52.4

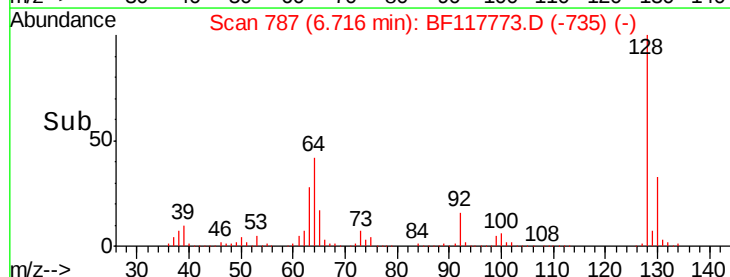
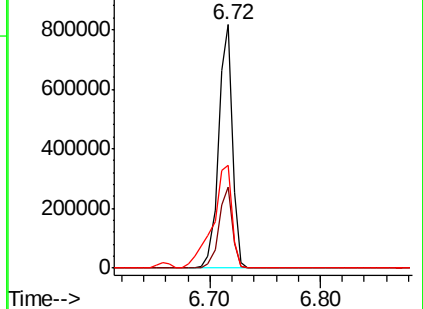
64 42.1 26.1 66.1

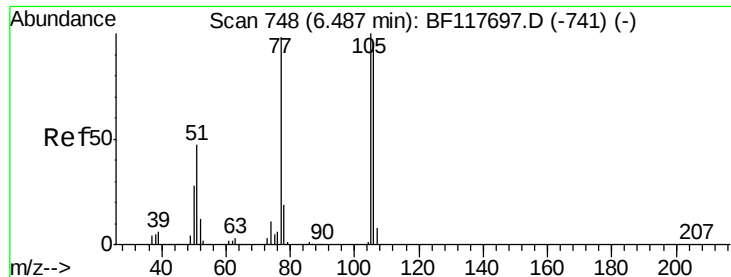


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 1.375 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

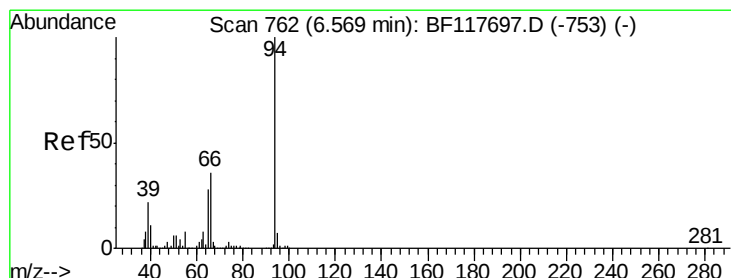
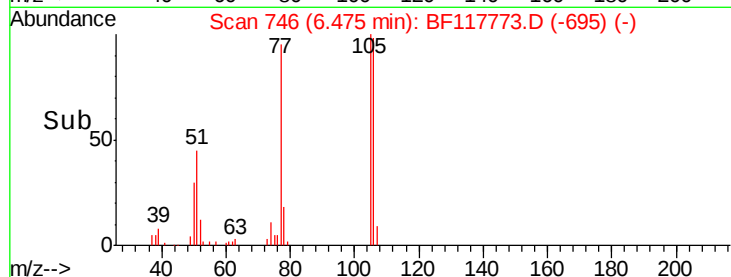
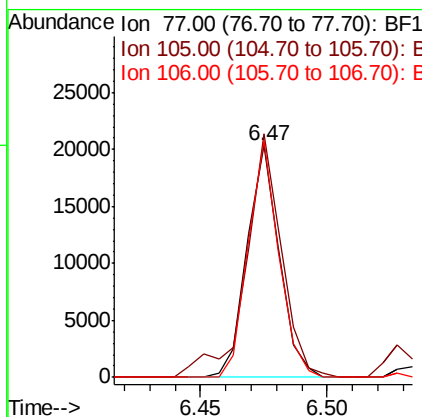
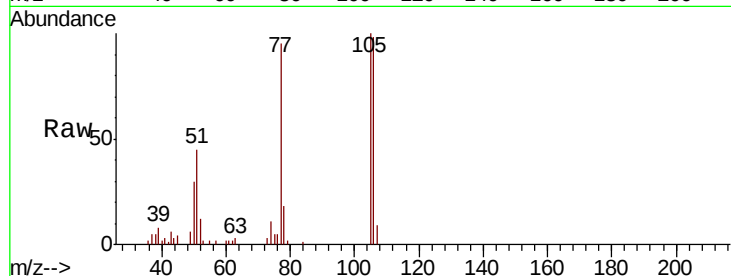
ClientSampleId :

TP-1A-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	105.0	81.2	121.2	
106	102.5	76.4	116.4	

Manual Integrations
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#10

Phenol

Concen: 39.017 ng

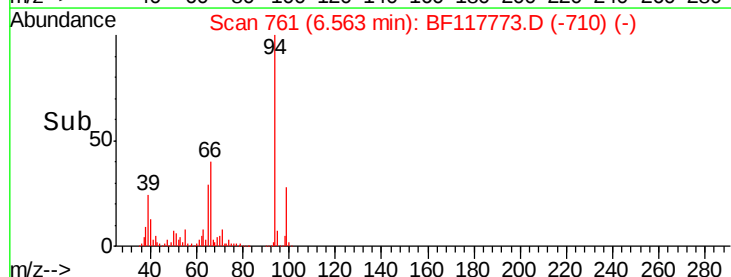
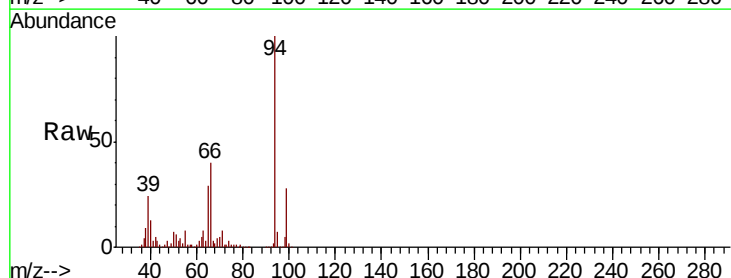
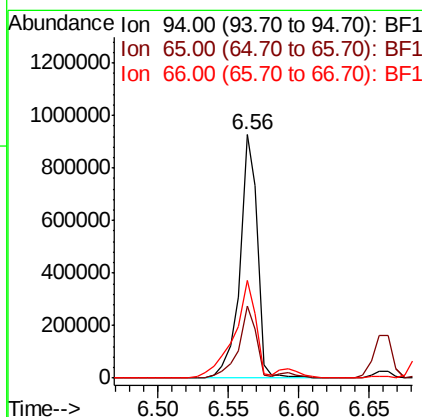
RT: 6.56 min Scan# 761

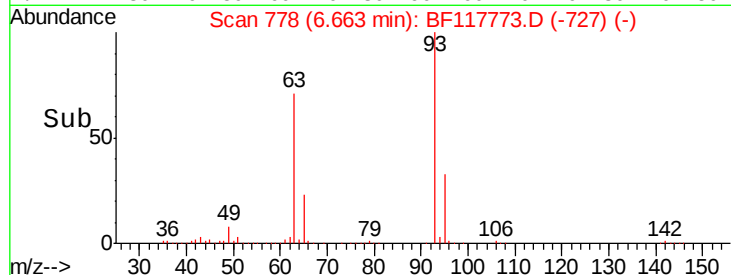
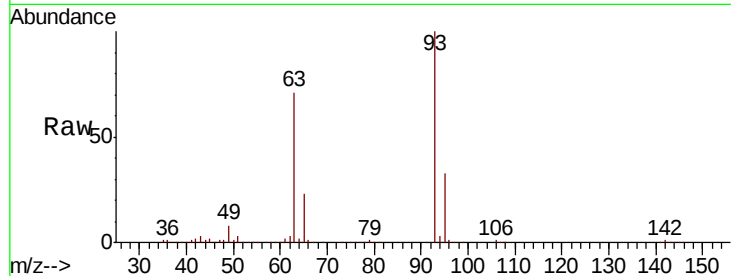
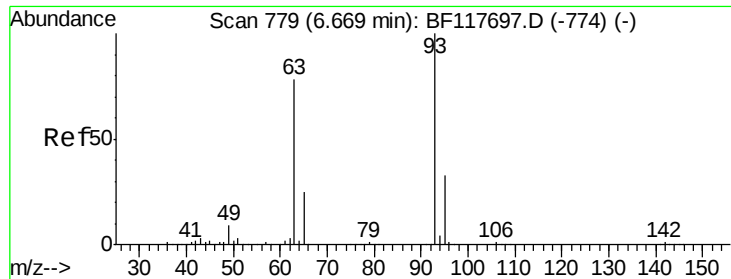
Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	29.4	6.4	46.4	
66	40.1	14.9	54.9	





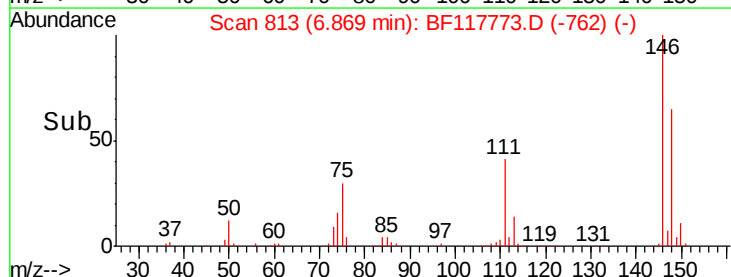
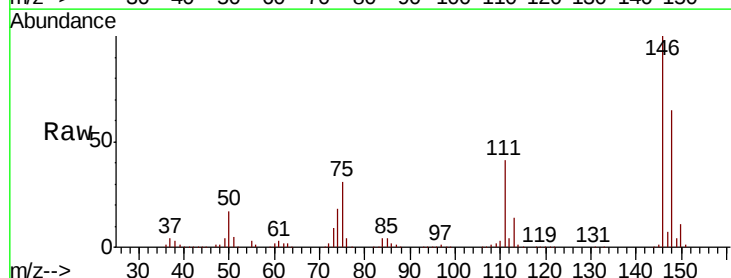
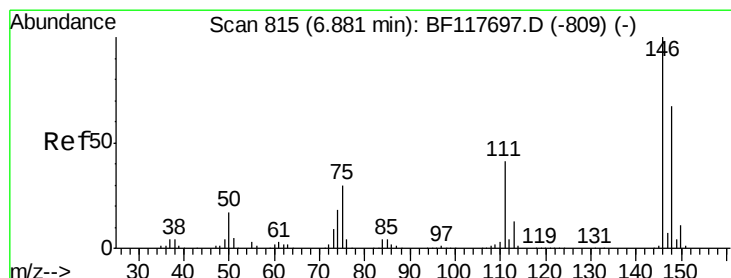
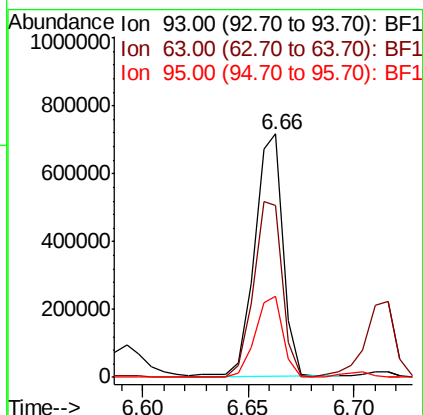
#11
bis(2-Chloroethyl)ether
Concen: 39.729 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tot Ion	93	Resp	666621
Ion Ratio	Lower	Upper	
93	100		
63	70.8	51.6	91.6
95	33.2	13.1	53.1

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

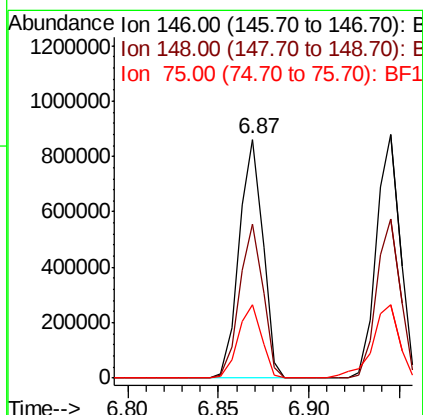
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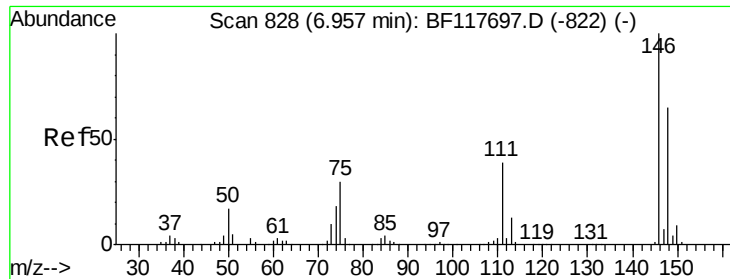
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.676 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	146	Resp	782465
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.3	76.9
75	30.7	24.8	37.2





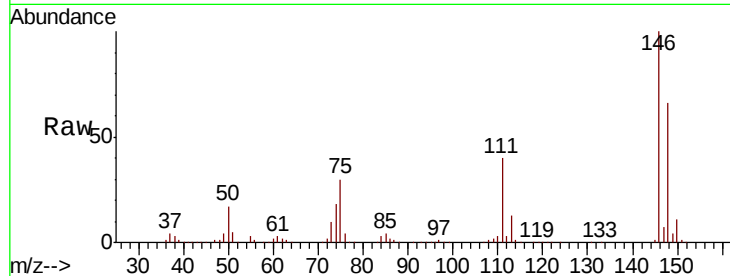
#13
1,4-Dichlorobenzene
Concen: 40.412 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.8	77.6
111	40.1	33.3	49.9

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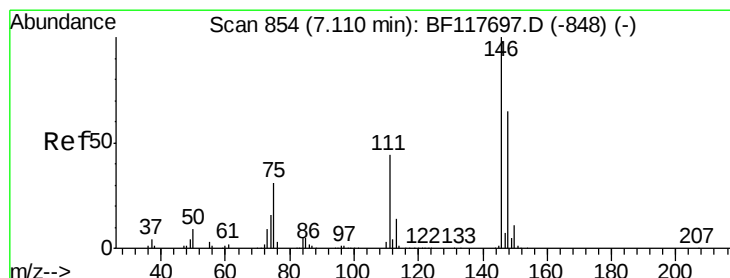
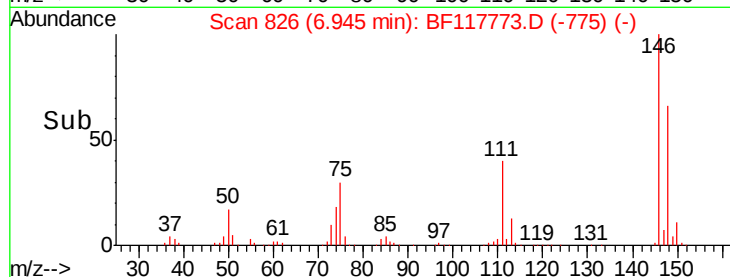
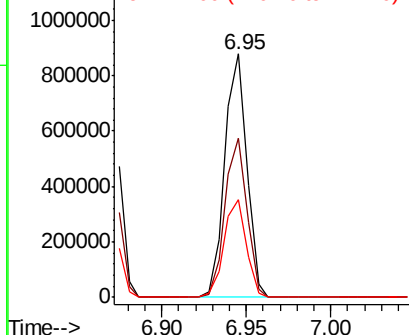


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 40.940 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

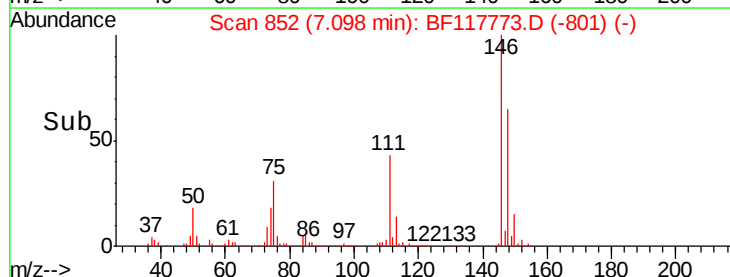
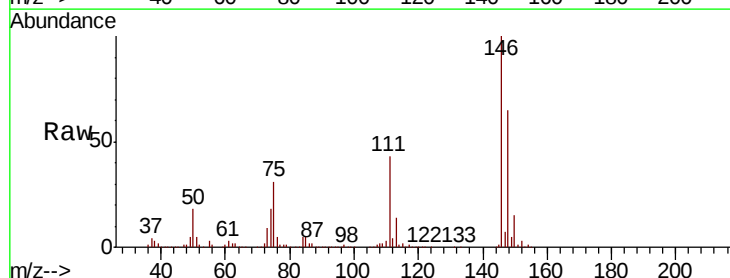
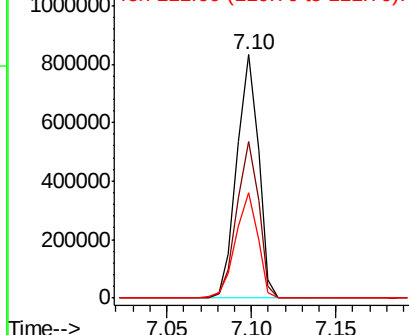
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.3	76.9
111	43.0	35.2	52.8

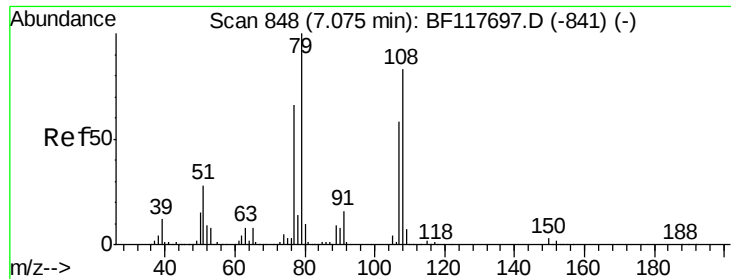
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.210 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

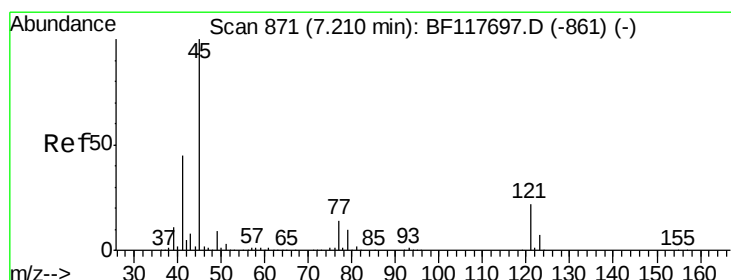
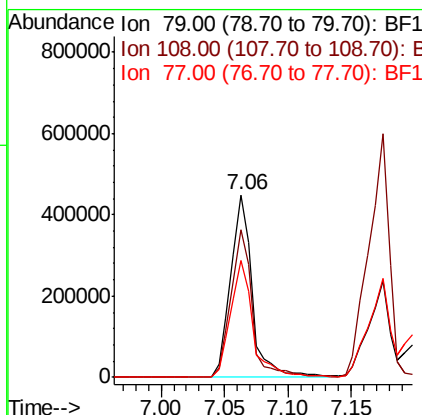
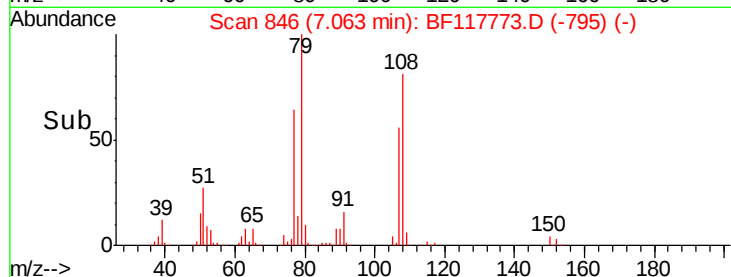
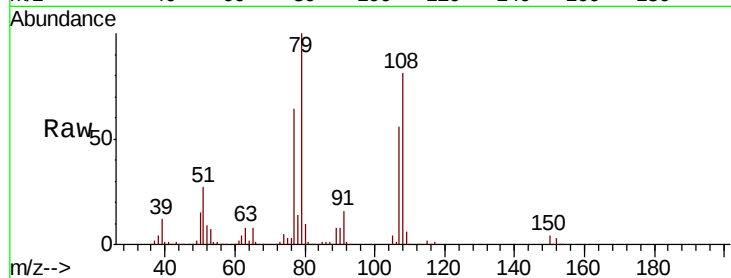
ClientSampleId :

TP-1A-COMPMSD

Tot Ion:	79	Resp:	529405
Ion Ratio	Lower	Upper	
79	100		
108	81.0	64.1	96.1
77	63.8	51.6	77.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.896 ng

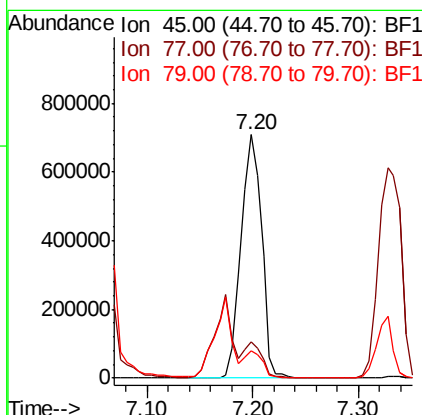
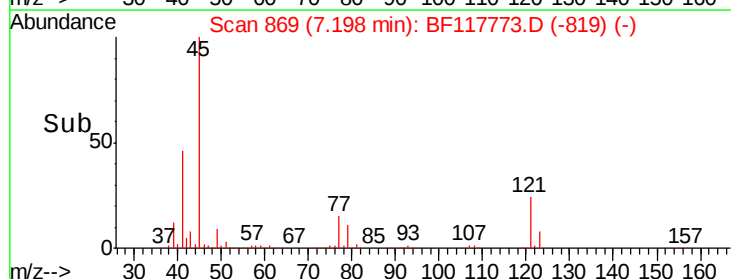
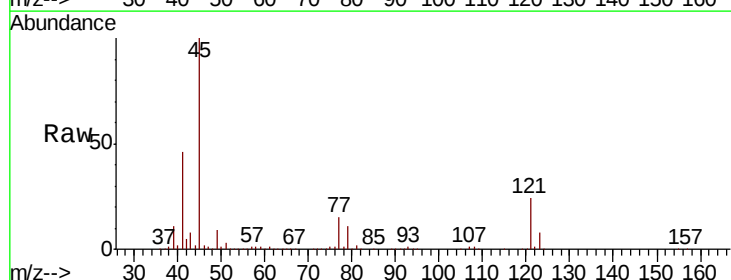
RT: 7.20 min Scan# 869

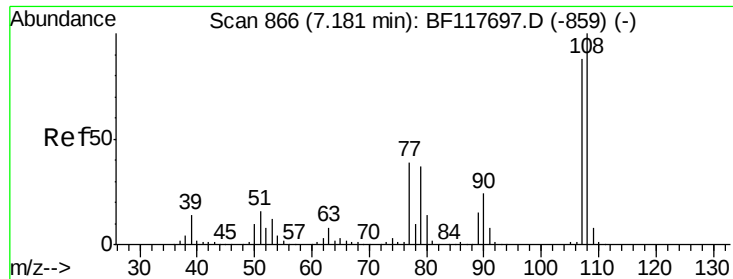
Delta R.T. -0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Tgt Ion:	45	Resp:	952327
Ion Ratio	Lower	Upper	
45	100		
77	14.8	0.0	34.6
79	11.5	0.0	31.3





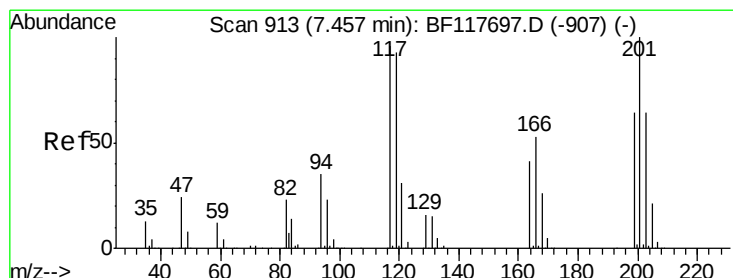
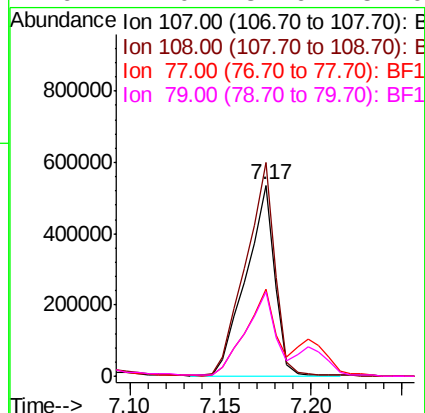
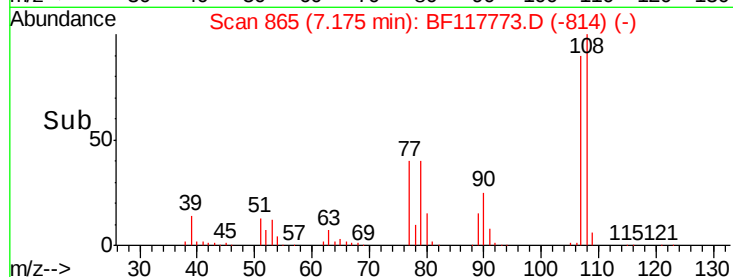
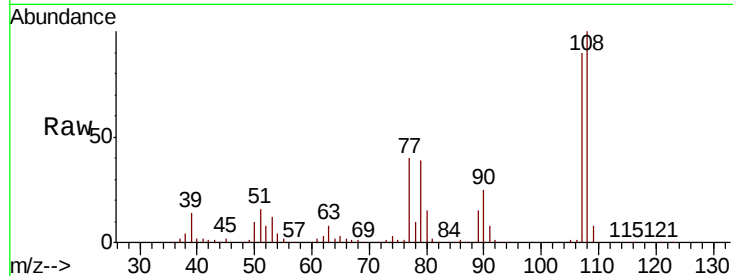
#17
2-Methylphenol
Concen: 40.386 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	111.6	90.7	136.1		
77	45.2	35.3	52.9		
79	44.0	34.6	52.0		

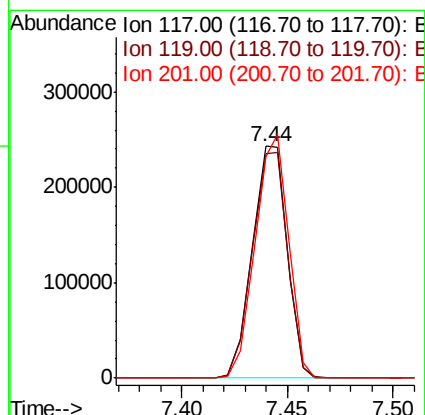
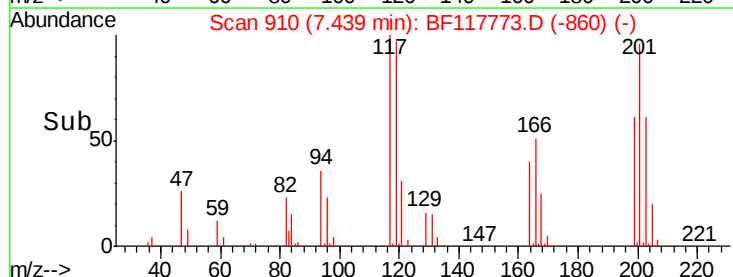
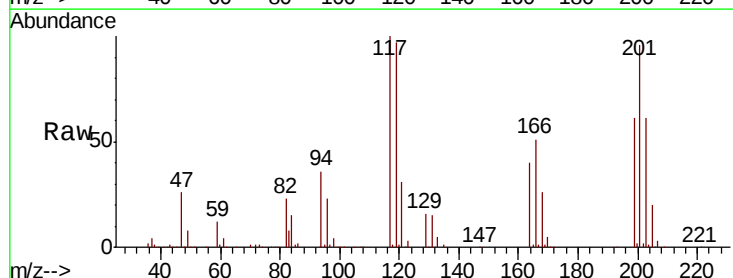
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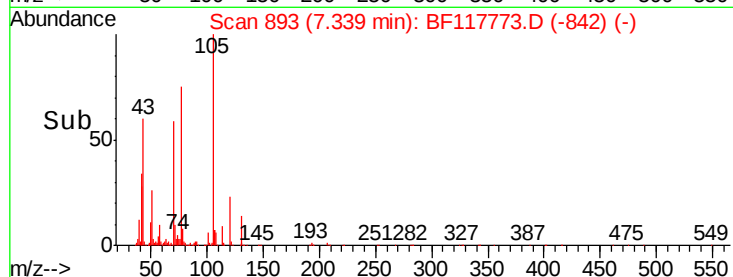
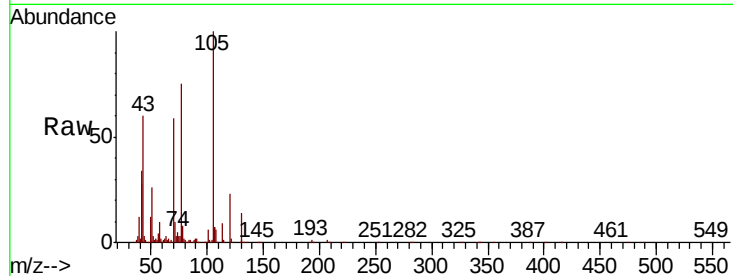
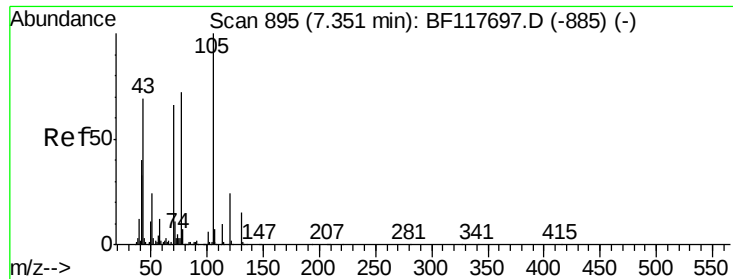
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#18
Hexachloroethane
Concen: 38.075 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	97.1	77.4	116.0		
201	95.8	78.4	117.6		





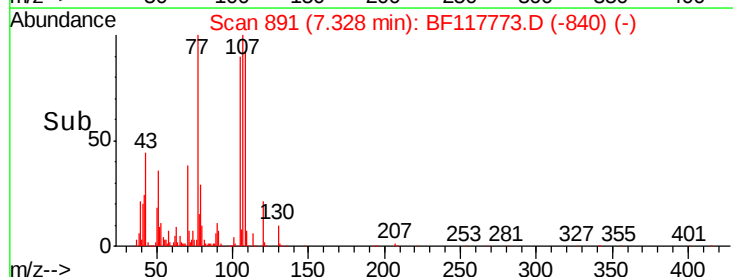
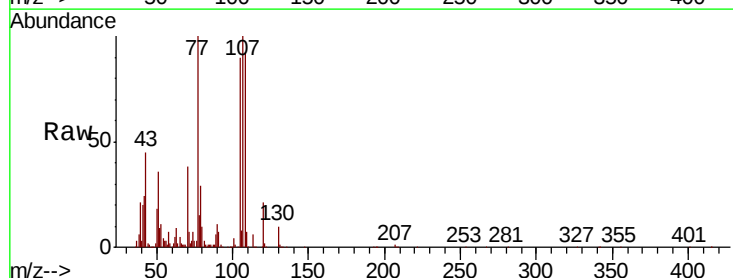
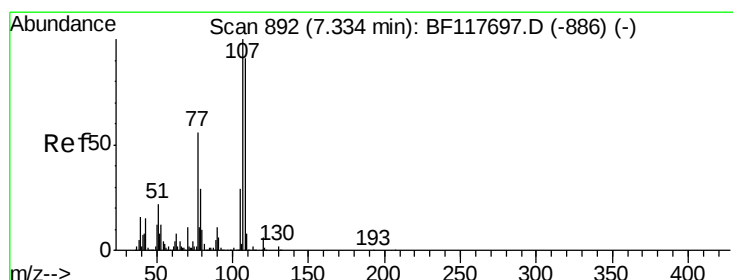
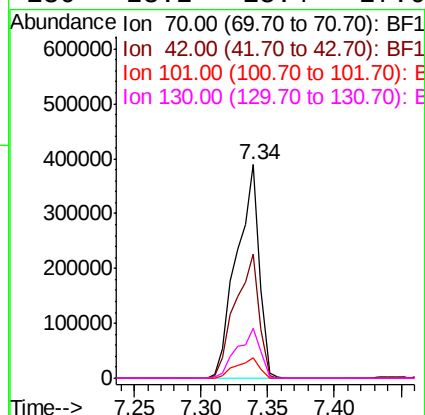
#19
n-Nitroso-di-n-propylamine
Concen: 37.555 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

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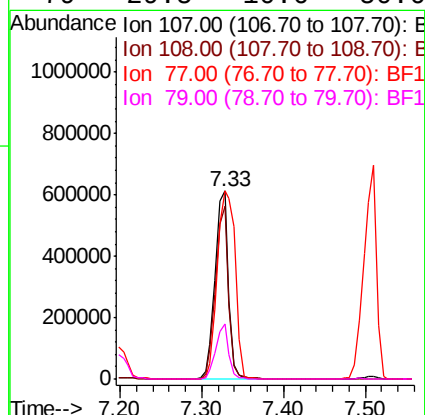
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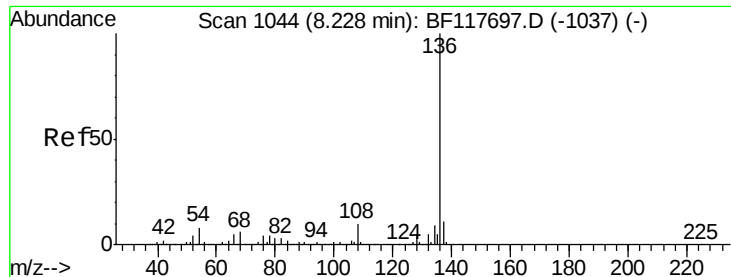
Tot Ion	Ratio	Lower	Upper
70	100		
42	58.1	48.7	73.1
101	9.4	8.4	12.6
130	23.2	18.4	27.6



#20
3+4-Methylphenols
Concen: 40.368 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	72.4	112.4
77	100.1	52.8	92.8
79	29.5	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

Tot Ion:136 Resp: 1051577

Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.2 6.1 9.1

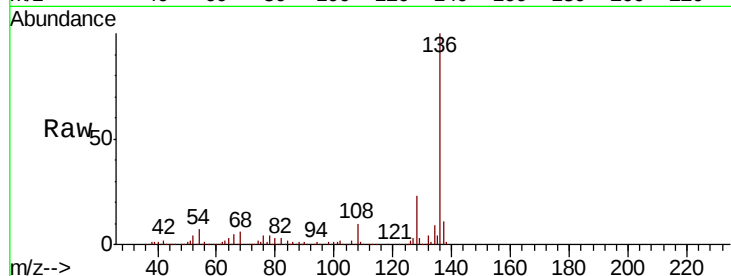
68 5.6 4.6 7.0

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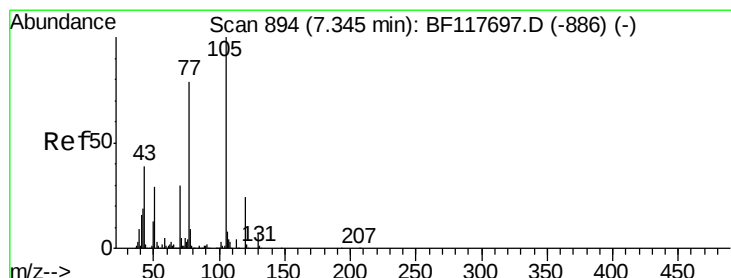
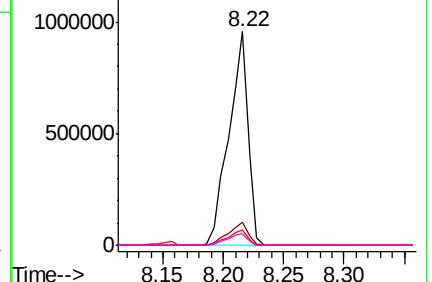
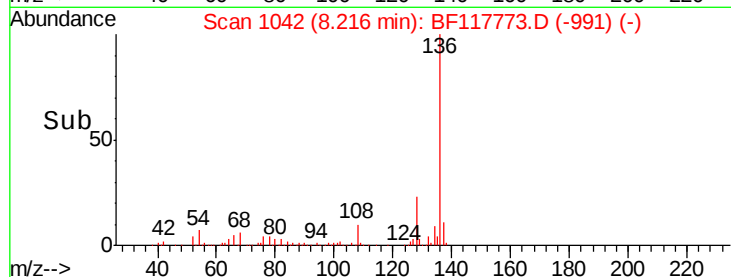
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.438 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Tgt Ion:105 Resp: 947862

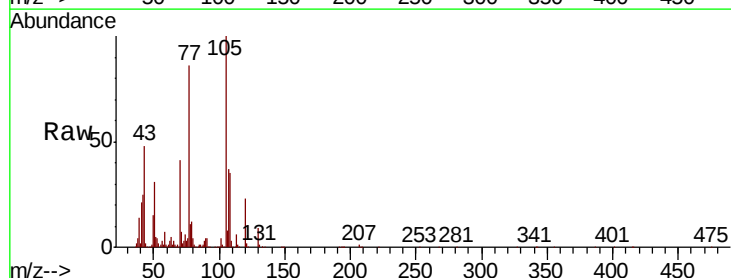
Ion Ratio Lower Upper

105 100

71 7.0 6.1 9.1

51 31.2 20.6 31.0#

120 22.7 18.8 28.2



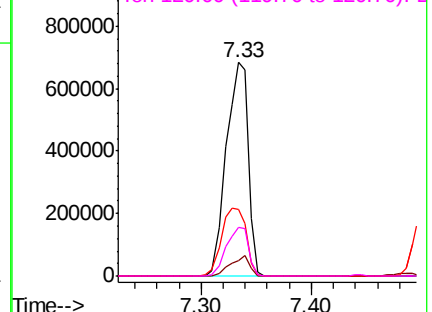
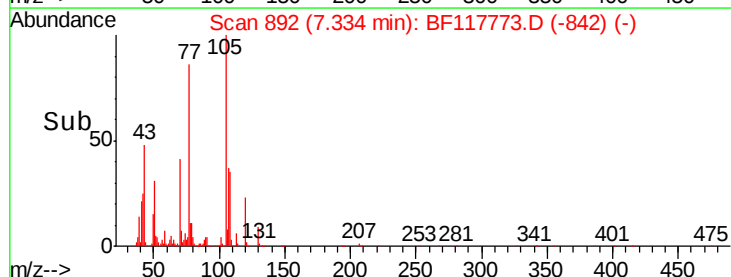
Abundance

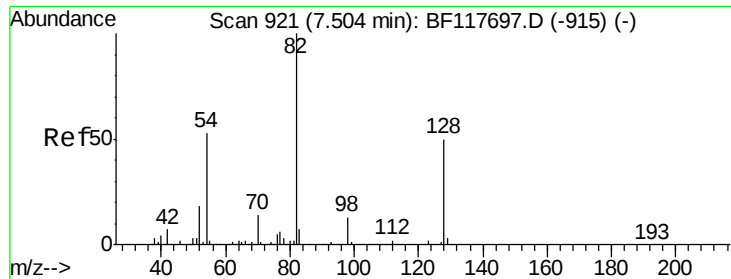
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





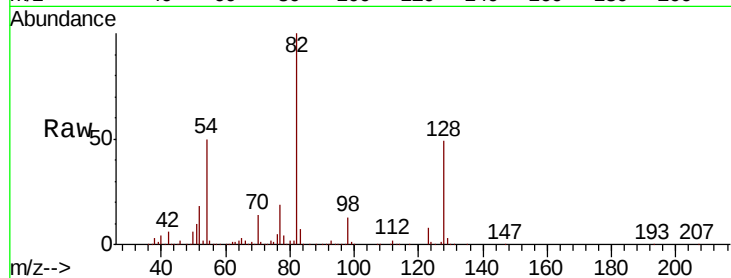
#23
Nitrobenzene-d5
Concen: 78.360 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

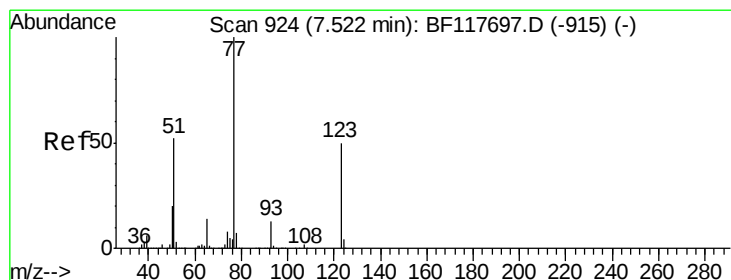
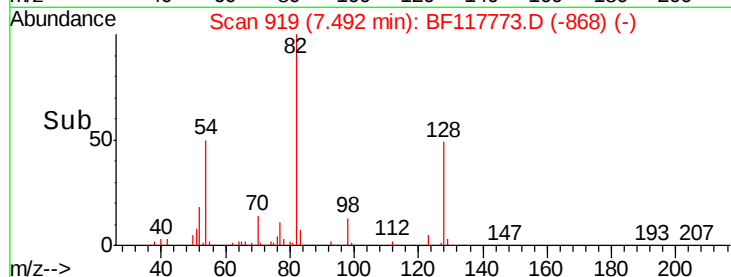
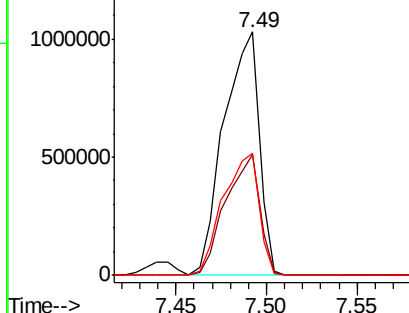
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.5	38.7	58.1
54	49.9	41.4	62.2

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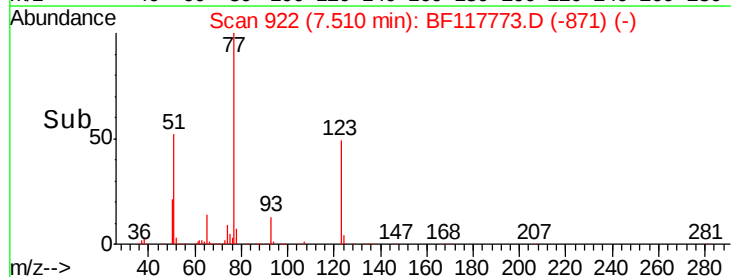
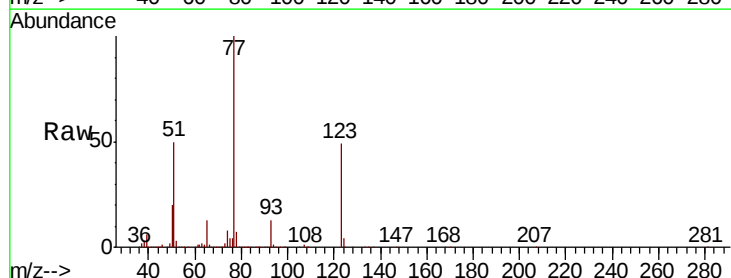
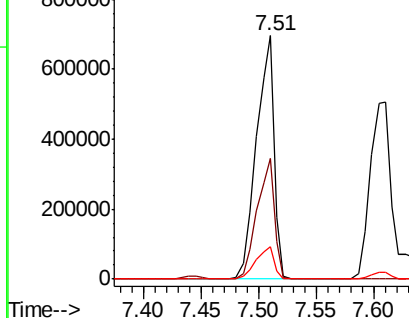
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

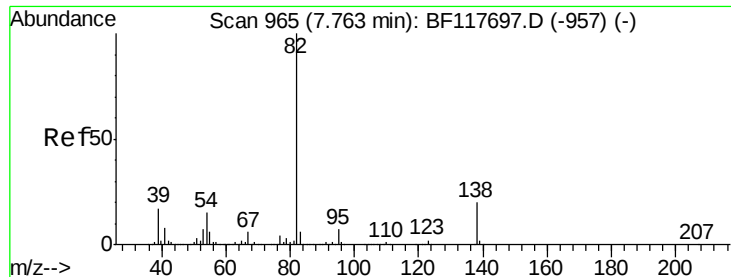


#24
Nitrobenzene
Concen: 40.120 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	38.5	57.7
65	13.2	10.8	16.2

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.720 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

Tot Ion: 82 Resp: 1285006

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

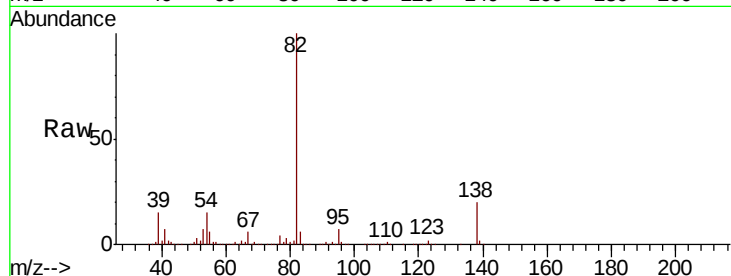
138 20.3 16.0 24.0

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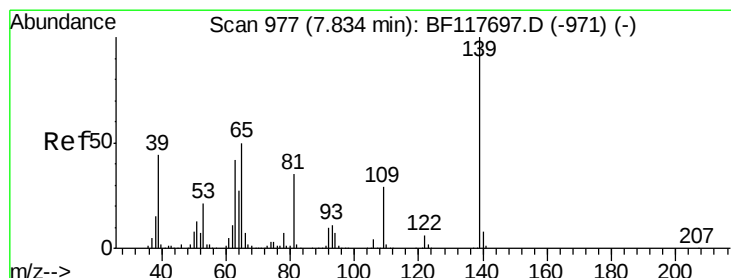
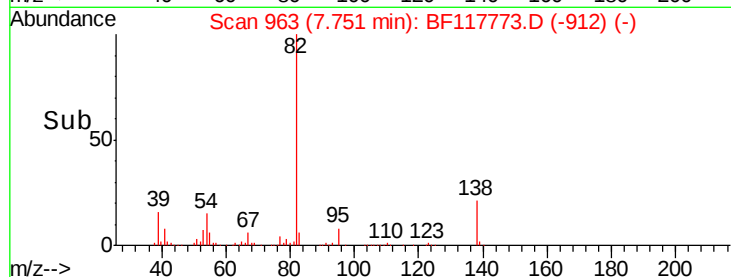
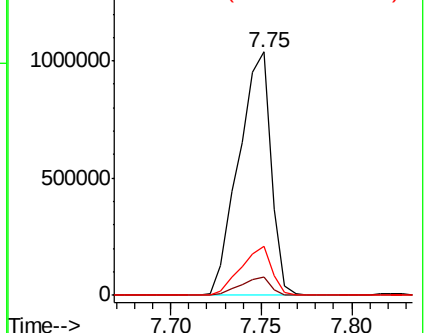
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.869 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

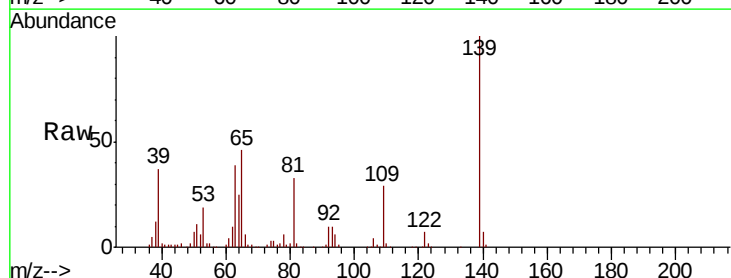
Tgt Ion: 139 Resp: 370156

Ion Ratio Lower Upper

139 100

109 28.8 22.3 33.5

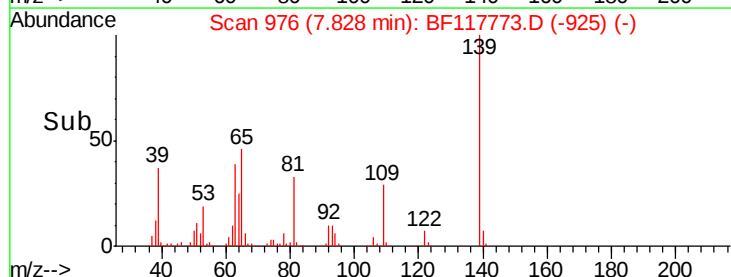
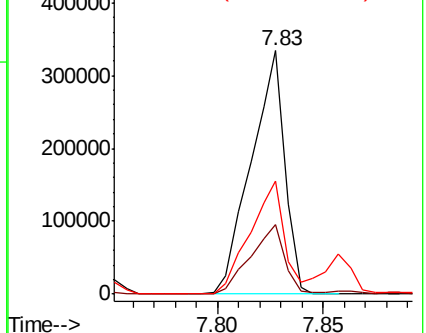
65 46.4 37.0 55.6

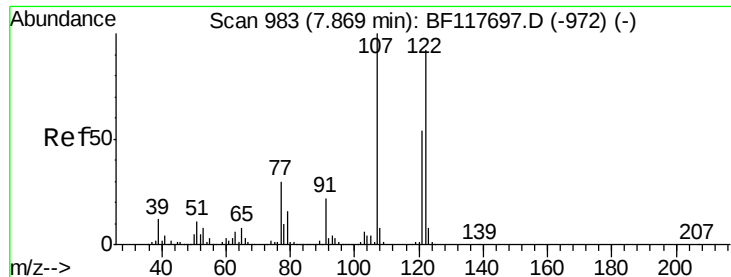


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.015 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

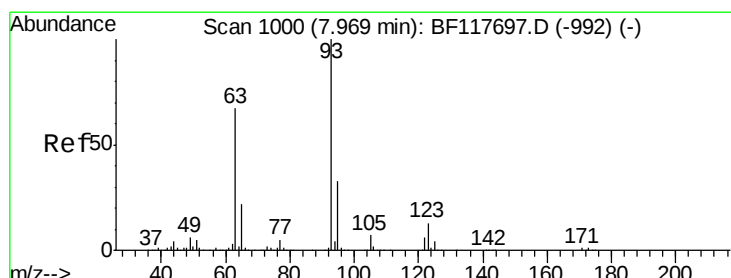
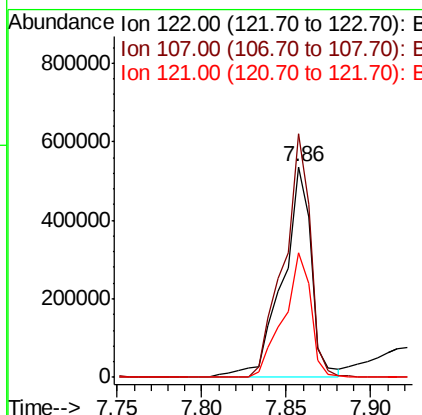
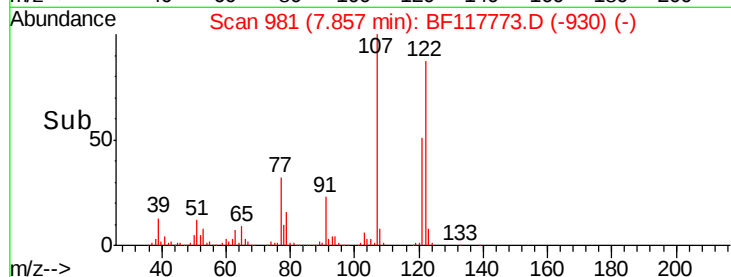
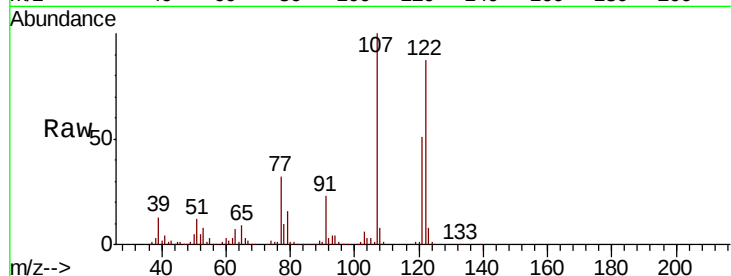
ClientSampleId :

TP-1A-COMPMSD

Tot Ion:	122	Resp:	626282
Ion Ratio	Lower	Upper	
122	100		
107	115.5	89.8	134.6
121	59.3	47.3	70.9

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 36.401 ng

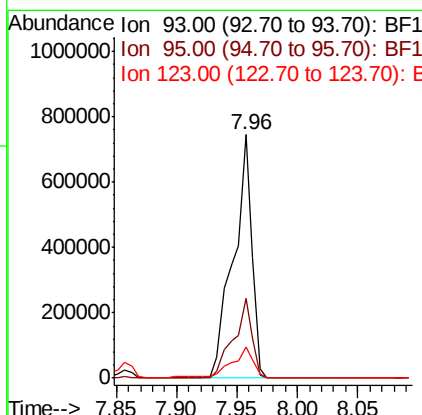
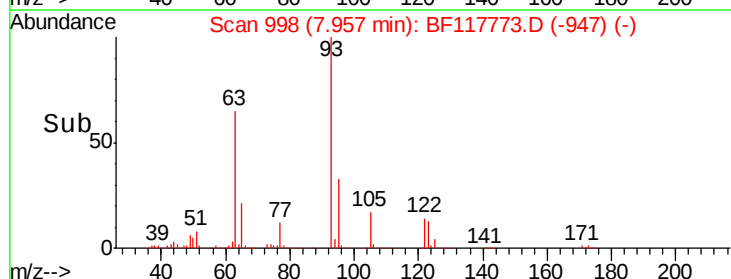
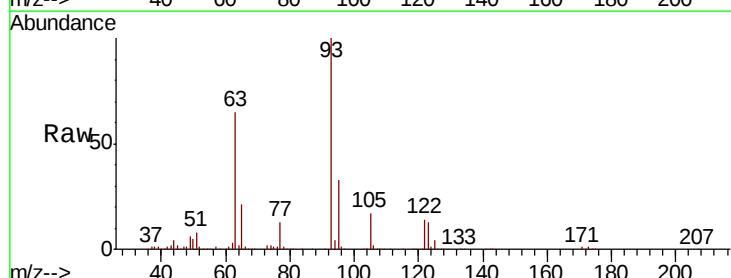
RT: 7.96 min Scan# 998

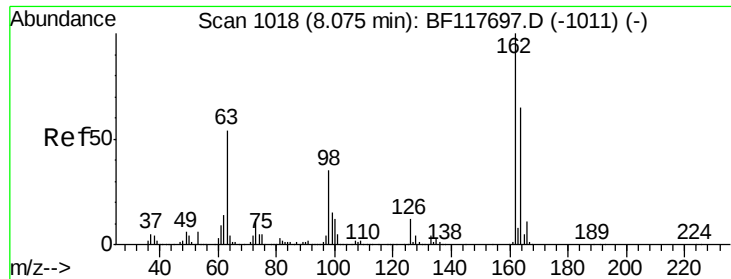
Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Tgt Ion:	93	Resp:	796030
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.6	39.8
123	12.9	10.5	15.7





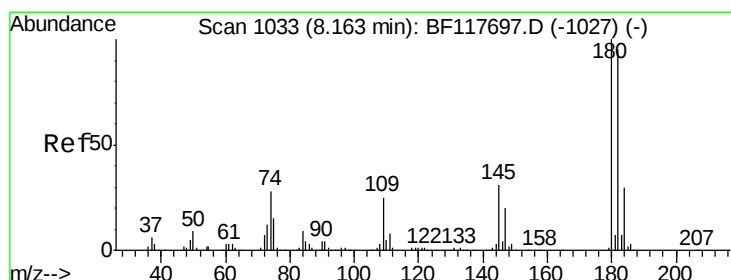
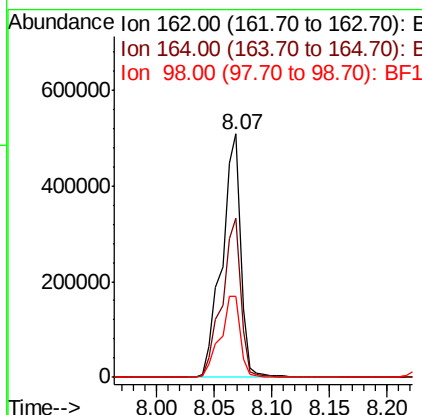
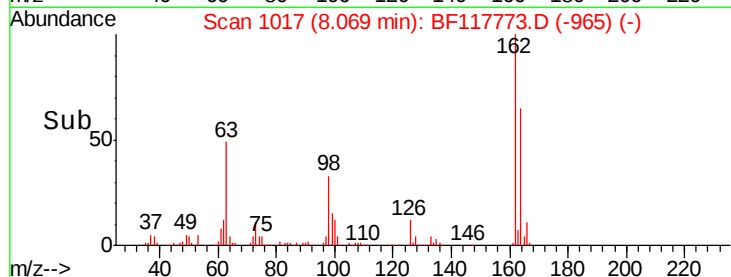
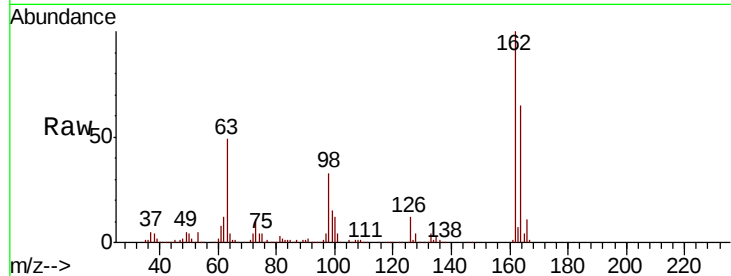
#29
2,4-Dichlorophenol
Concen: 38.619 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	43.7	83.7
98	33.3	17.1	57.1

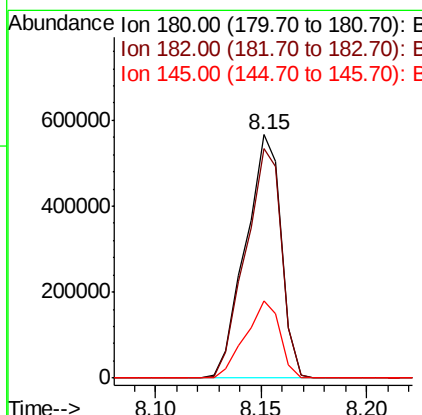
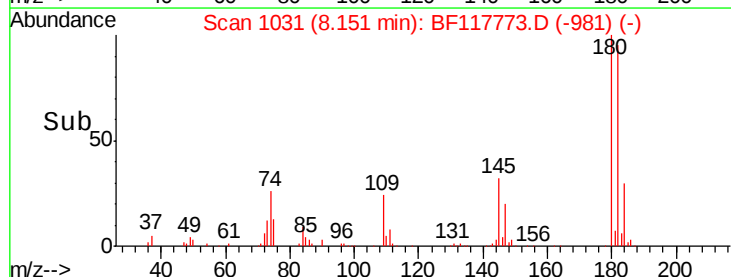
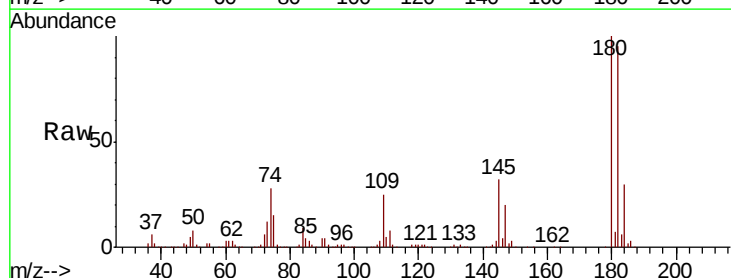
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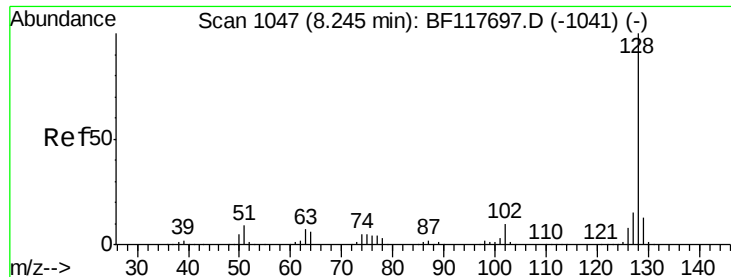
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#30
1,2,4-Trichlorobenzene
Concen: 38.448 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.6	113.4
145	31.8	23.8	35.8





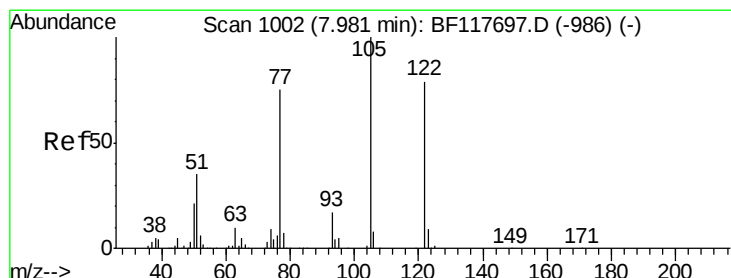
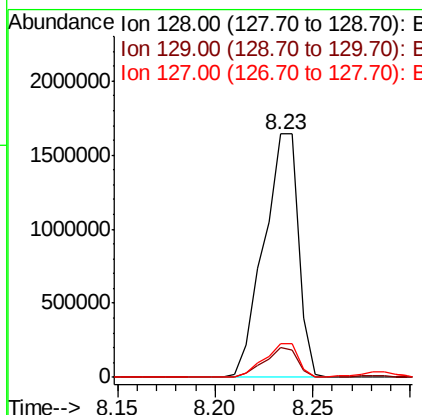
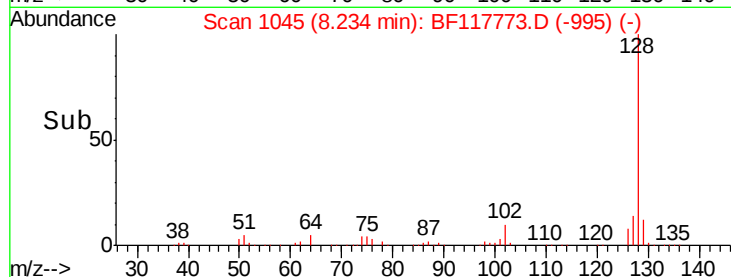
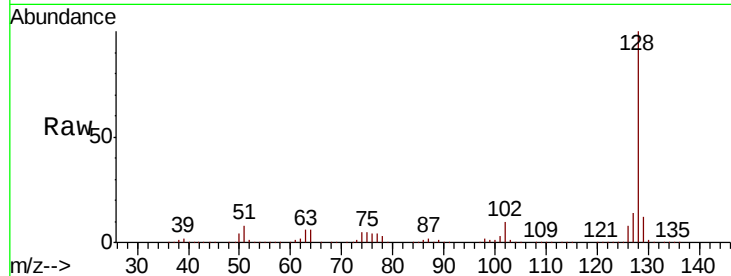
#31
Naphthalene
Concen: 42.137 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion:128 Resp: 2025334
Ion Ratio Lower Upper
128 100
129 12.1 9.6 14.4
127 13.7 11.4 17.2

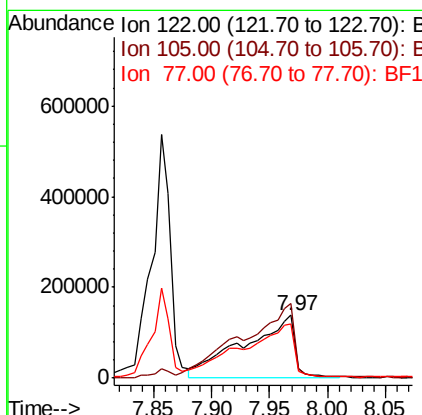
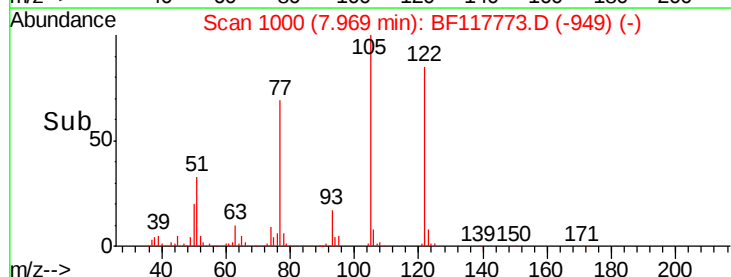
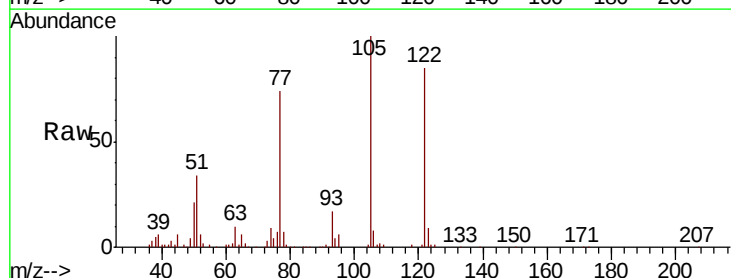
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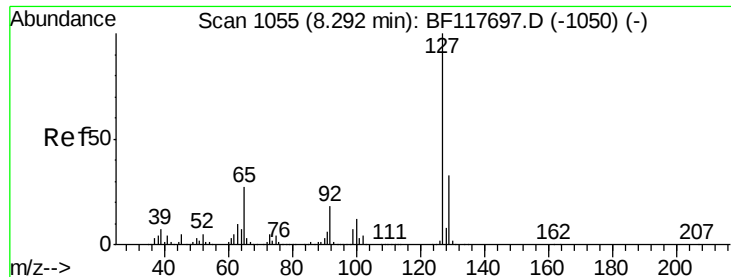
mohammad
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#32
Benzoic acid
Concen: 36.725 ng m
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion:122 Resp: 423254
Ion Ratio Lower Upper
122 100
105 118.2 99.4 139.4
77 87.1 69.4 109.4





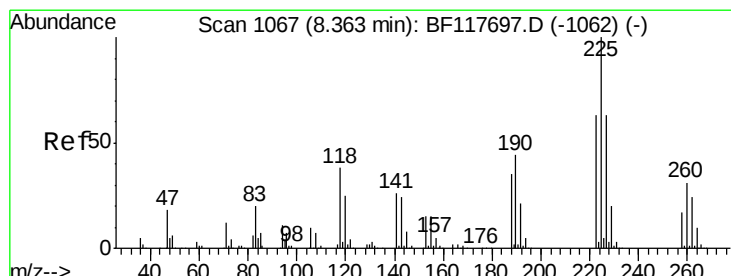
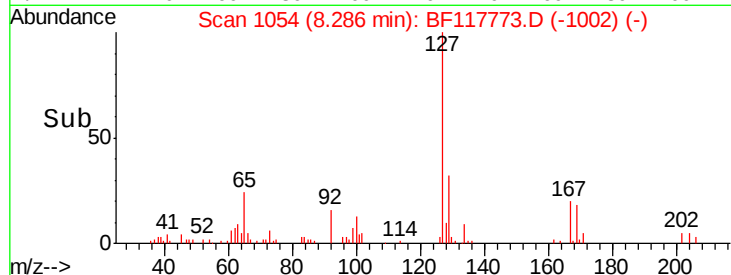
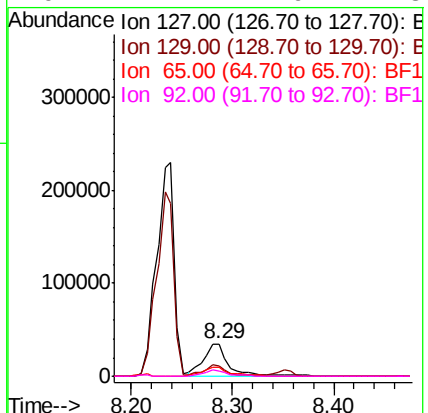
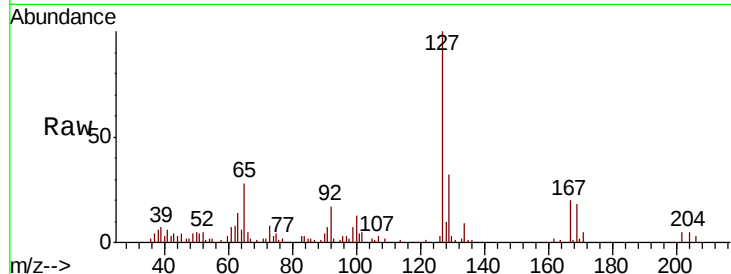
#33
4-Chloroaniline
Concen: 2.630 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		58744		
129	31.6	26.6	39.8		
65	28.1	23.0	34.6		
92	17.4	14.9	22.3		

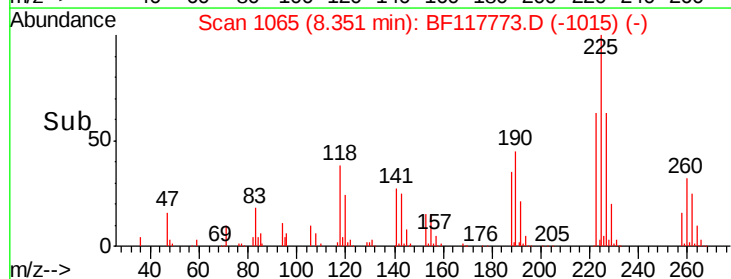
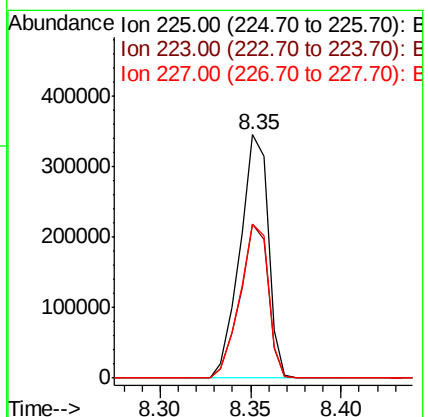
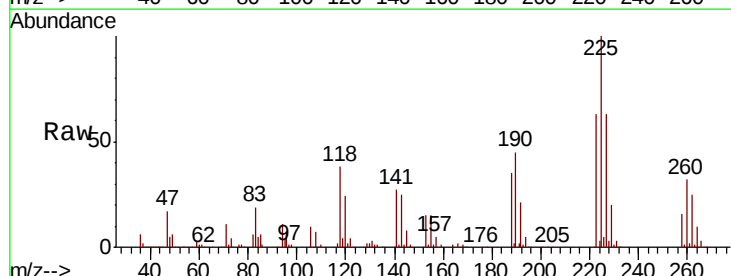
Manual Integrations
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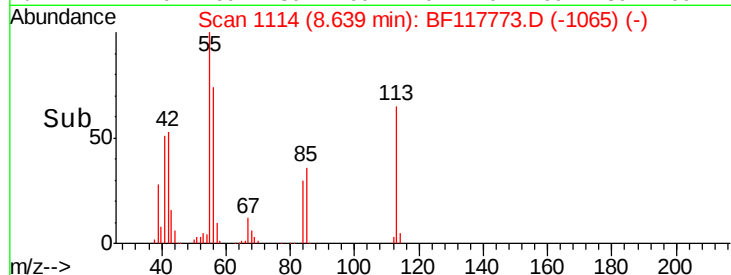
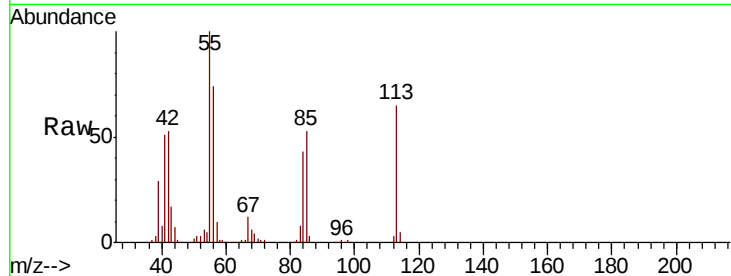
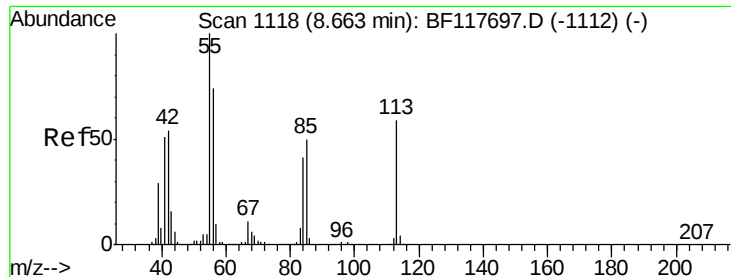
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#34
Hexachlorobutadiene
Concen: 38.159 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		375239		
223	63.5	49.4	74.0		
227	63.5	50.3	75.5		





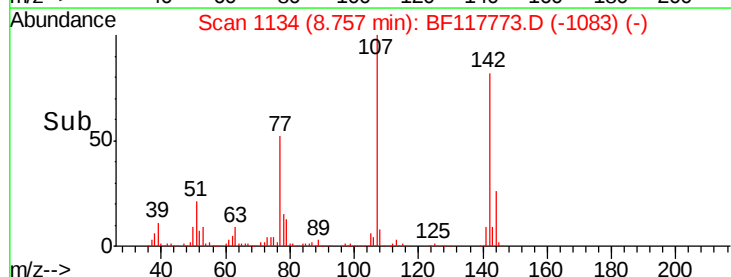
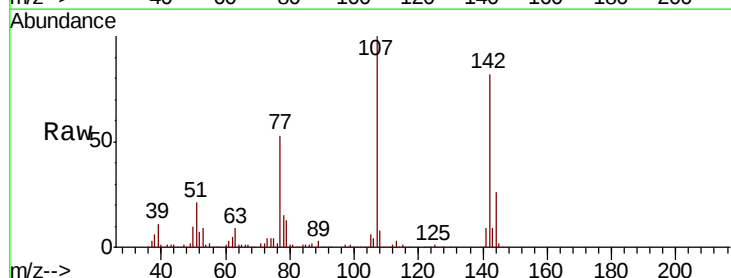
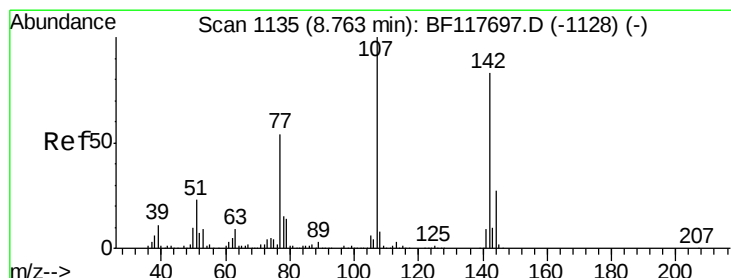
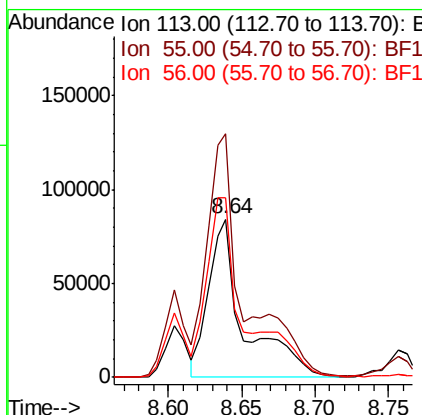
#35
Caprolactam
Concen: 28.752 ng/ml
RT: 8.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.8	143.2	183.2
56	113.4	101.2	141.2

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

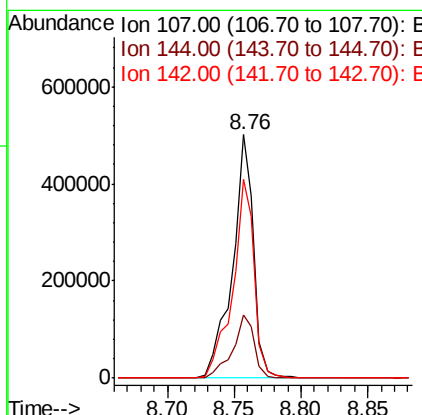
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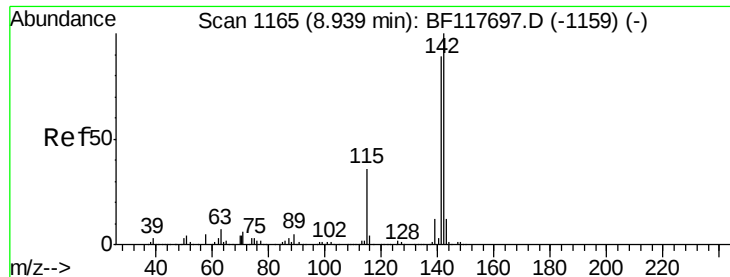
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#36
4-Chloro-3-methylphenol
Concen: 36.868 ng/ml
RT: 8.76 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	21.7	32.5
142	81.9	65.9	98.9





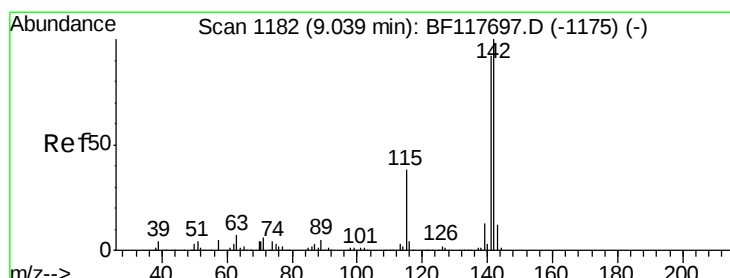
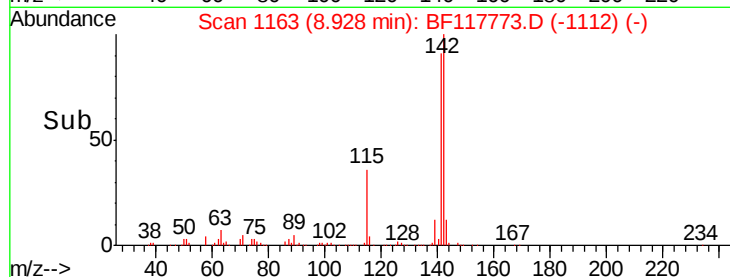
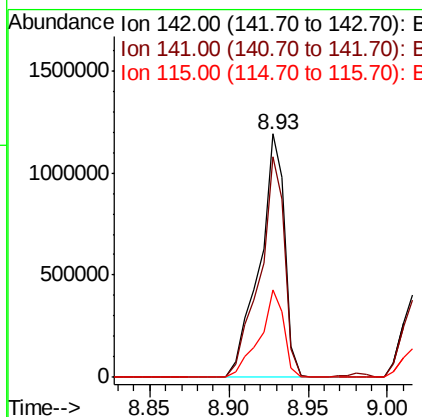
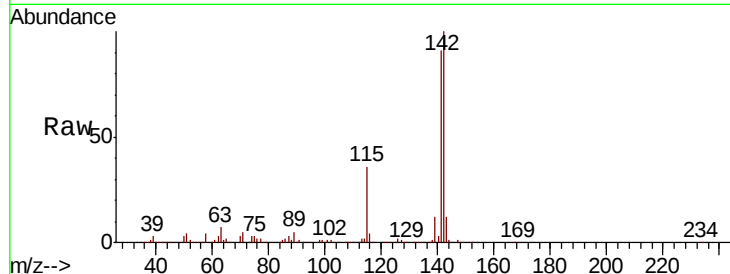
#37
2-Methylnaphthalene
Concen: 40.609 ng
RT: 8.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
142	100			
141	90.7	70.2	105.4	
115	35.8	28.8	43.2	

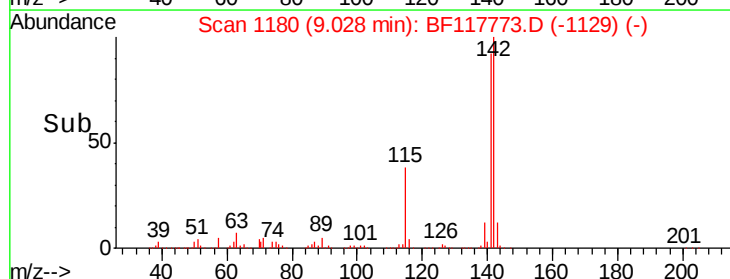
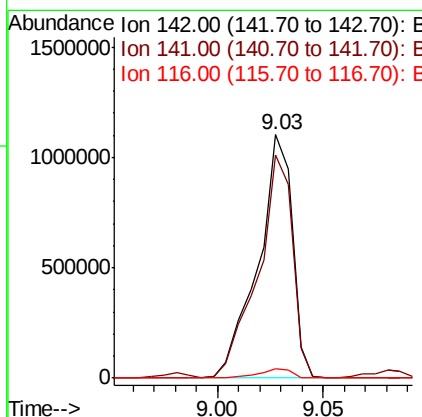
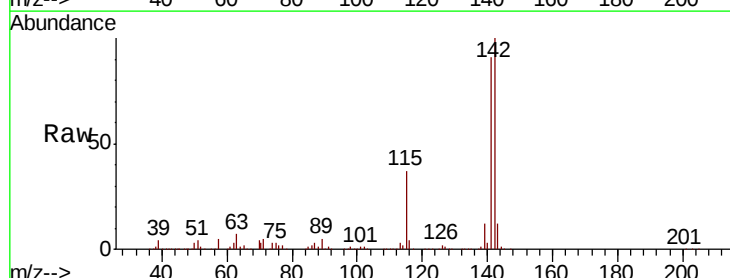
Manual Integrations
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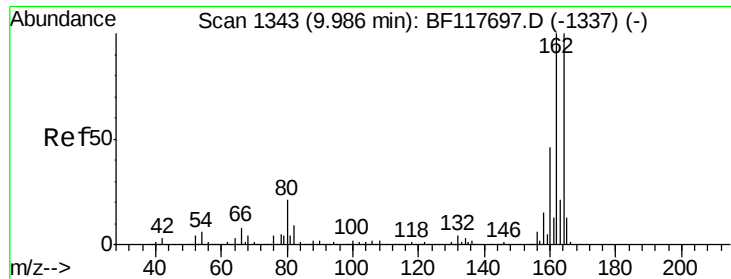
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#38
1-Methylnaphthalene
Concen: 40.126 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ion	Ratio	Lower	Upper
142	100			
141	91.5	73.5	110.3	
116	3.9	3.3	4.9	





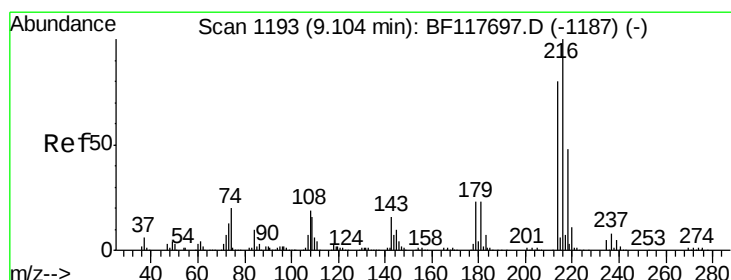
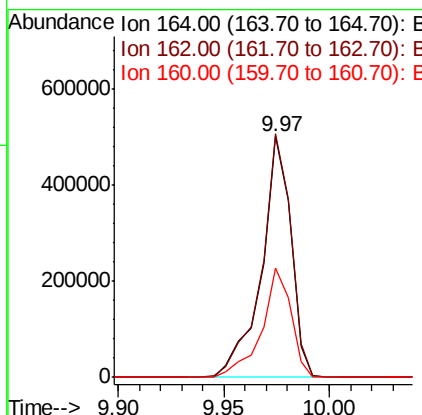
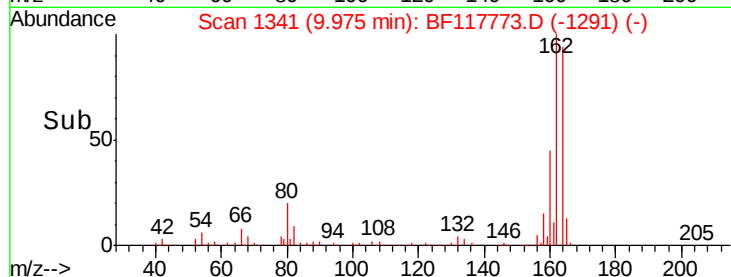
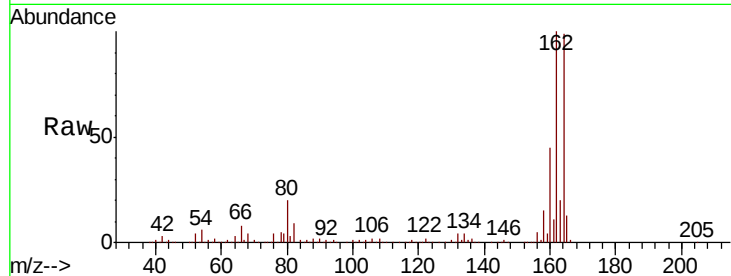
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.2	121.8
160	45.2	36.3	54.5

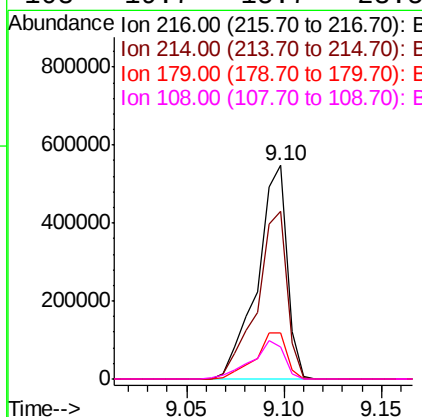
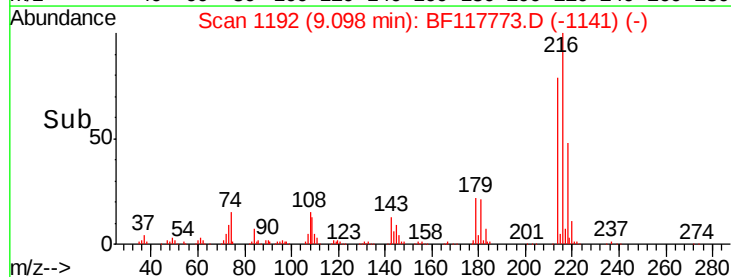
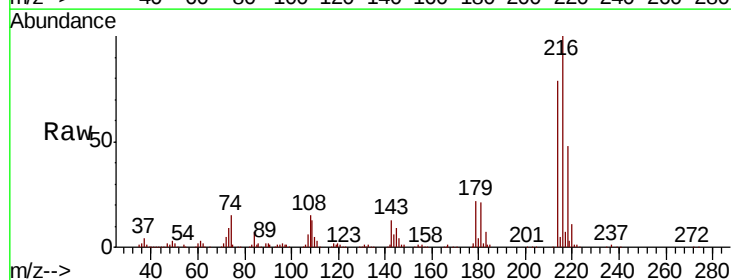
Manual Integrations
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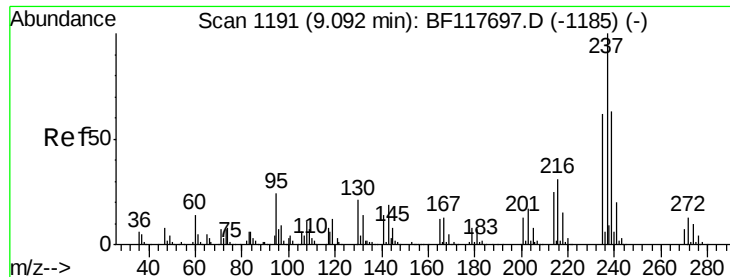
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.555 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	64.0	96.0
179	22.5	18.1	27.1
108	19.7	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 45.443 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

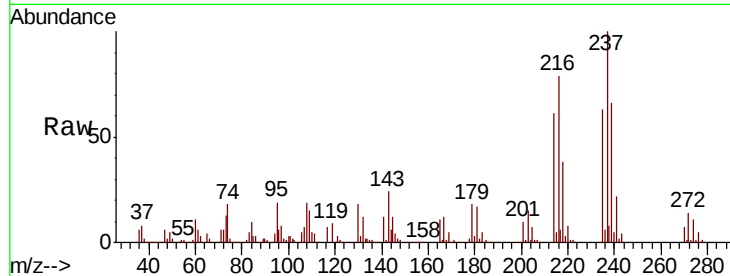
ClientSampleId :

TP-1A-COMPMSD

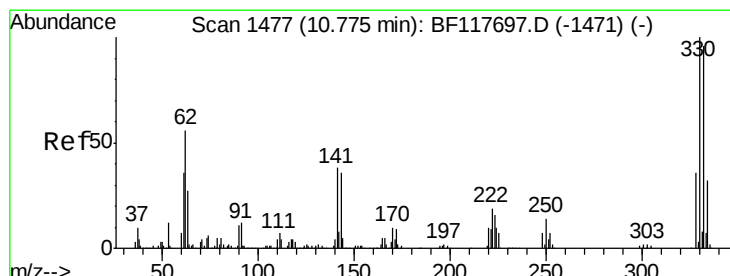
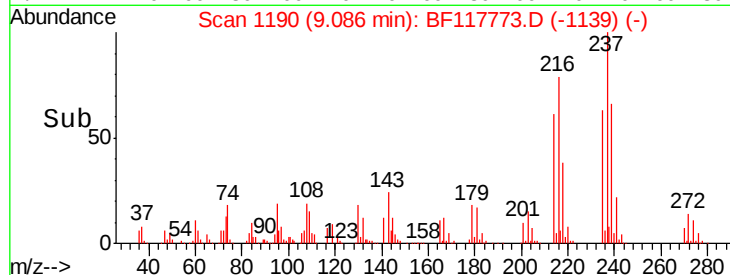
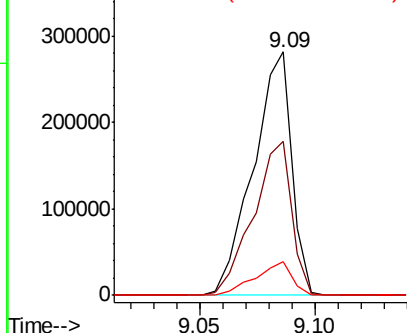
Tot Ion:	237	Resp:	327361
Ion Ratio	Lower	Upper	
237	100		
235	63.2	42.2	82.2
272	13.8	0.0	33.4

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 107.961 ng

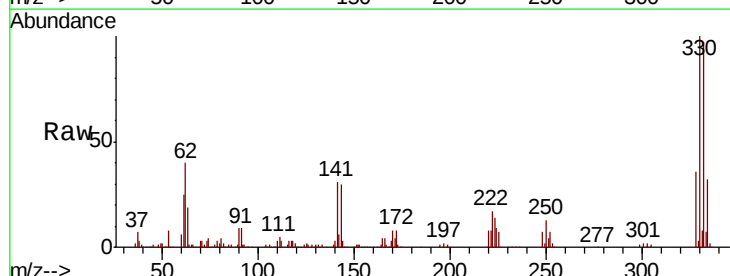
RT: 10.77 min Scan# 1476

Delta R.T. 0.00 min

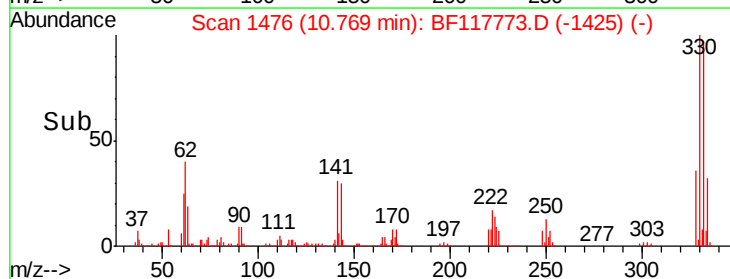
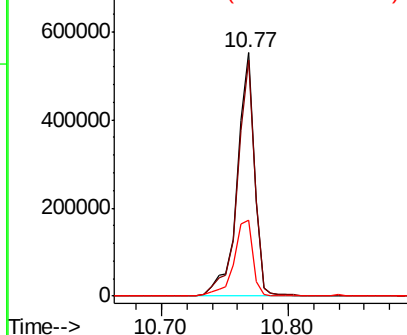
Lab File: BF117773.D

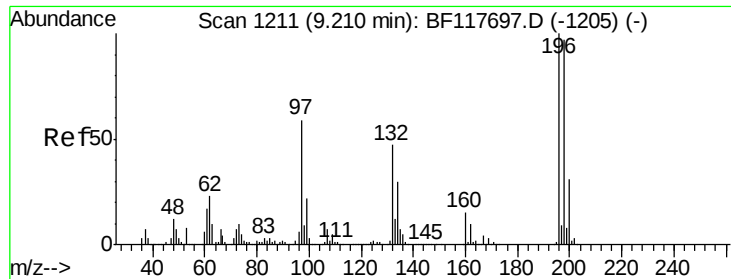
Acq: 12 Nov 2019 21:26

Tgt Ion:	330	Resp:	515474
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.9	115.3
141	34.3	26.5	39.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





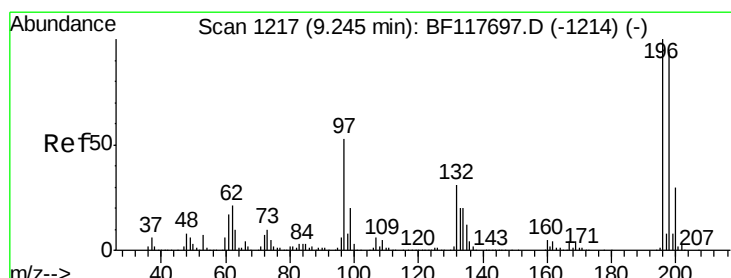
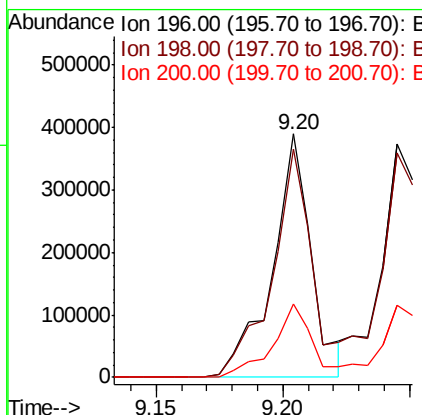
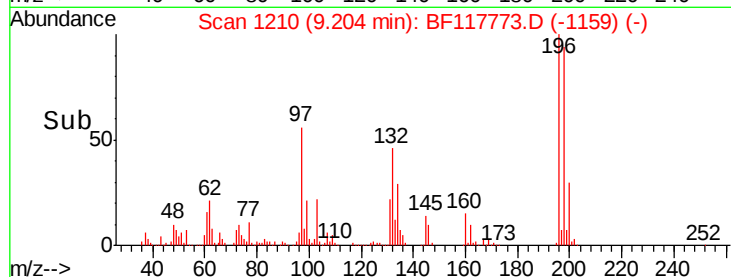
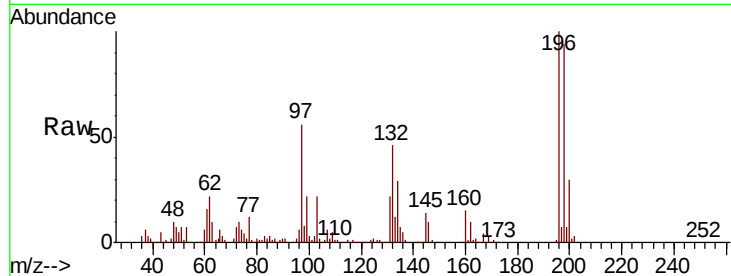
#43
 2,4,6-Trichlorophenol
 Concen: 42.934 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMSD

Tot Ion:	196	Resp:	417537
Ion Ratio	Lower	Upper	
196	100		
198	93.6	75.3	112.9
200	30.0	23.9	35.9

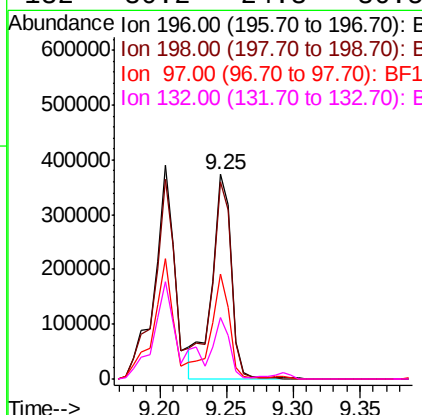
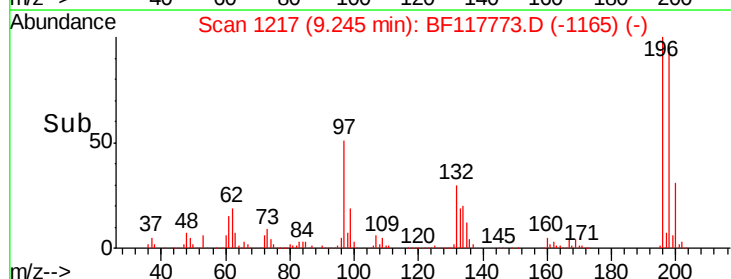
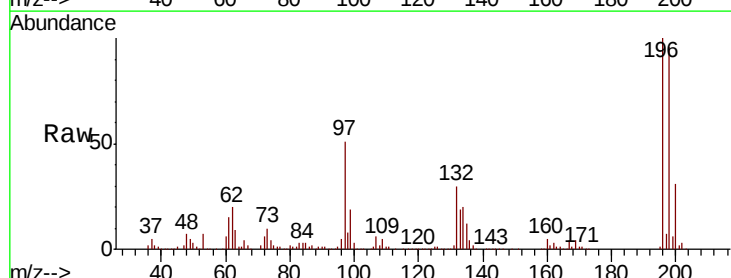
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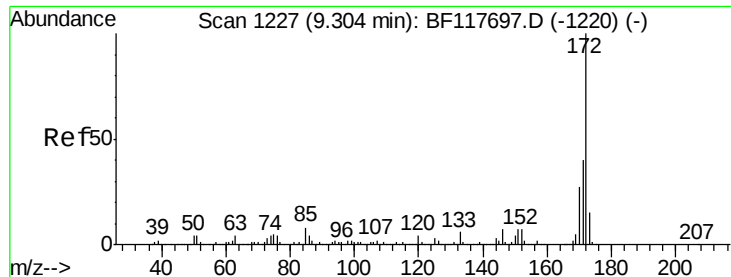
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#44
 2,4,5-Trichlorophenol
 Concen: 39.139 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Tgt Ion:	196	Resp:	385820
Ion Ratio	Lower	Upper	
196	100		
198	96.1	76.4	114.6
97	51.0	41.8	62.8
132	30.2	24.3	36.5





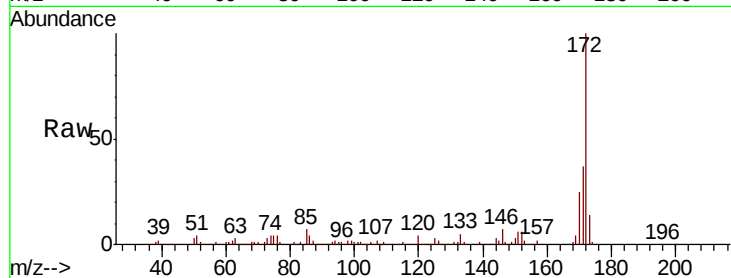
#45
2-Fluorobiphenyl
Concen: 99.447 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

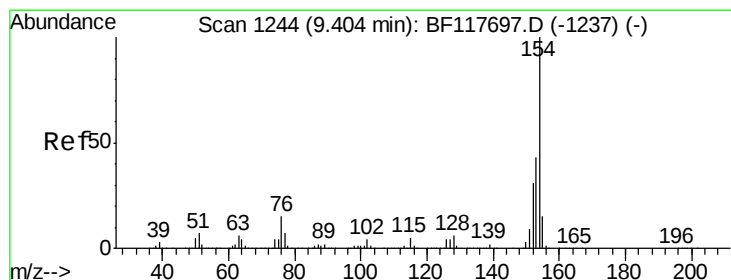
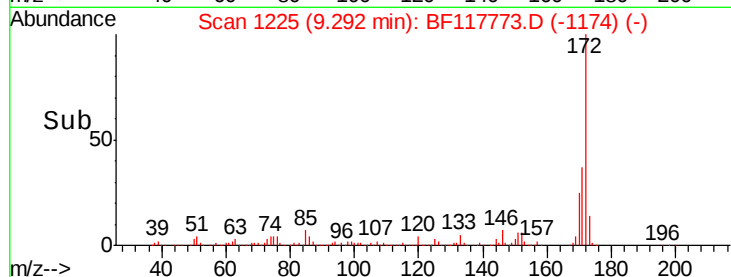
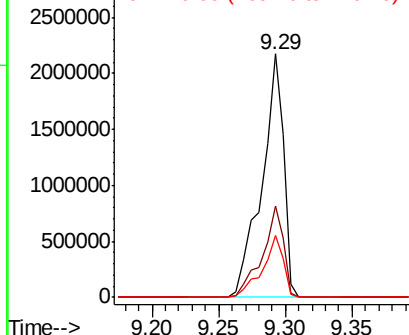
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.7	46.1
170	25.2	20.6	30.8

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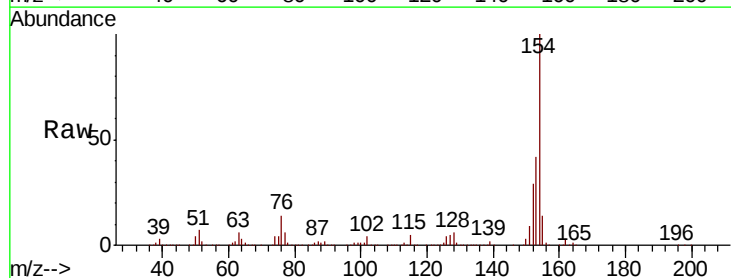


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

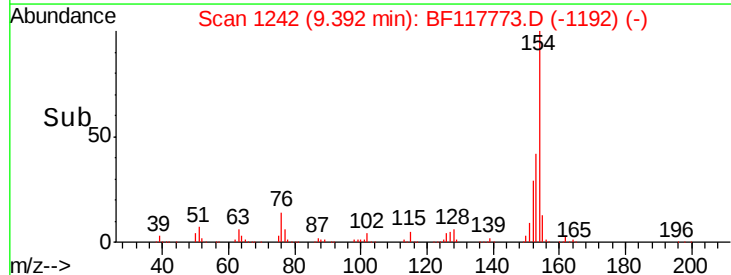
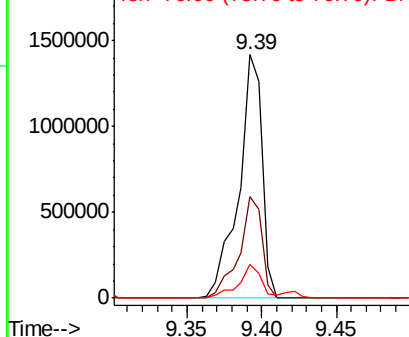


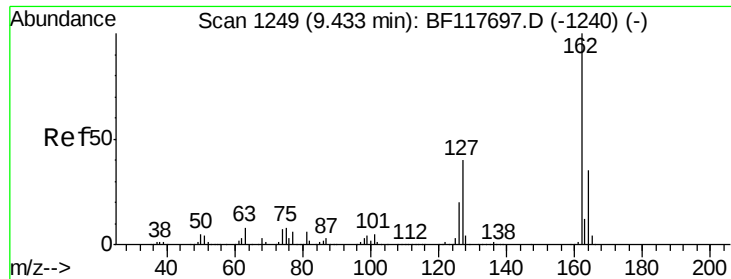
#46
1,1'-Biphenyl
Concen: 44.831 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.6	61.6
76	13.7	0.0	32.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





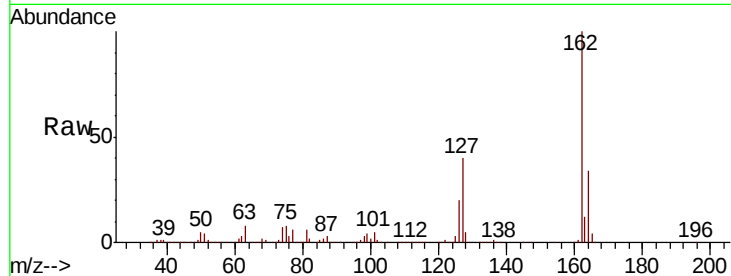
#47
2-Chloronaphthalene
Concen: 41.556 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

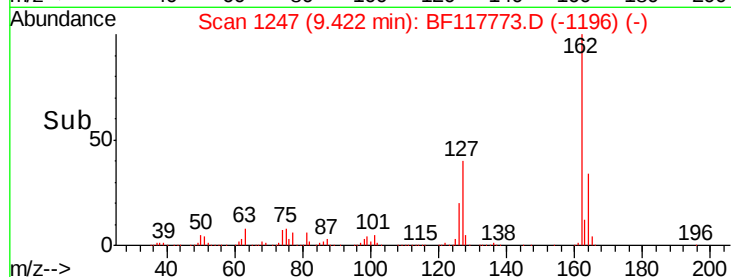
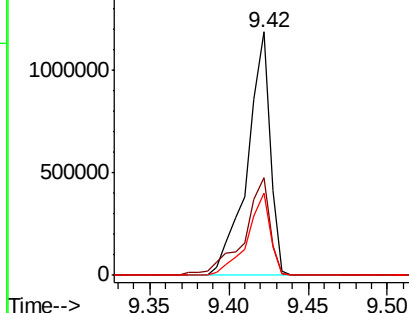
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.0	49.6
164	33.6	27.4	41.0

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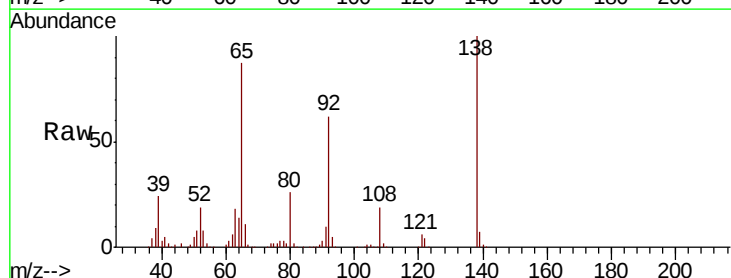
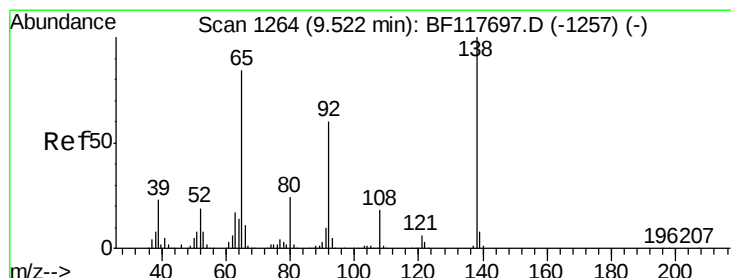
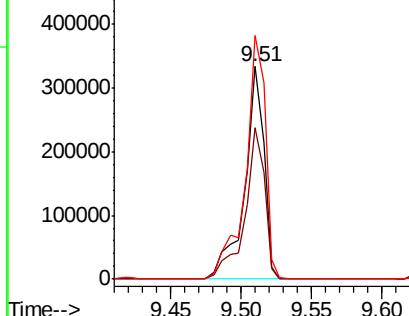
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

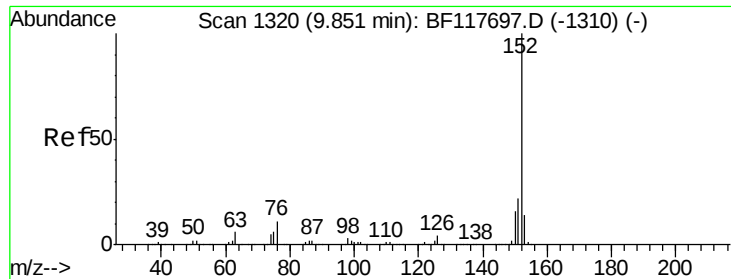


#48
2-Nitroaniline
Concen: 36.136 ng
RT: 9.51 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.2	57.9	86.9
138	114.6	90.7	136.1

Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





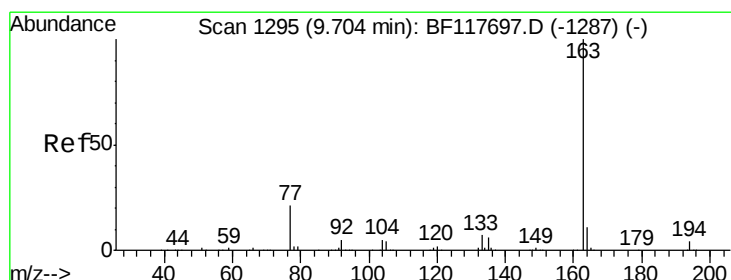
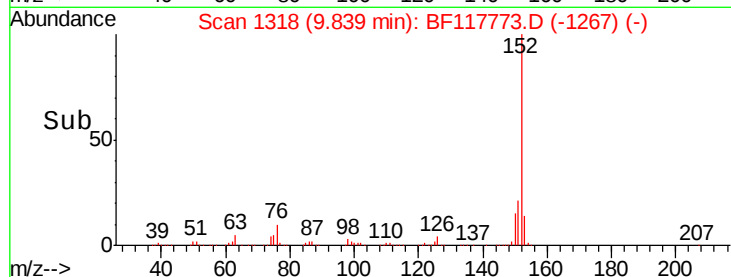
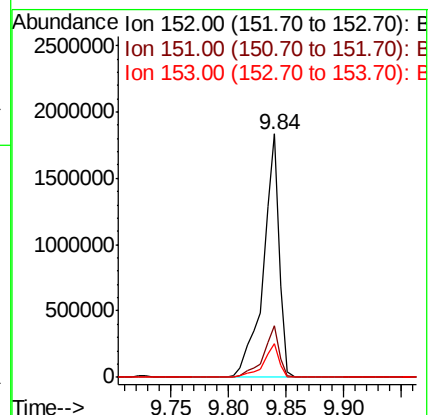
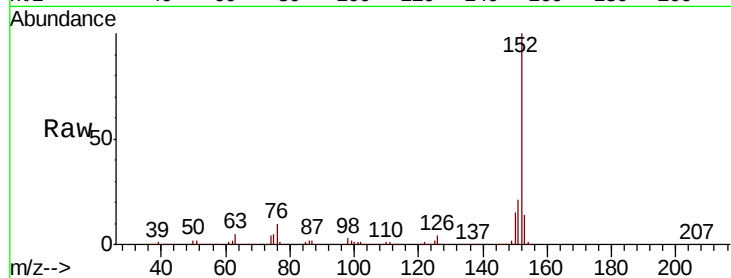
#49
Acenaphthylene
Concen: 42.887 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.5	26.3
153	14.0	11.7	17.5

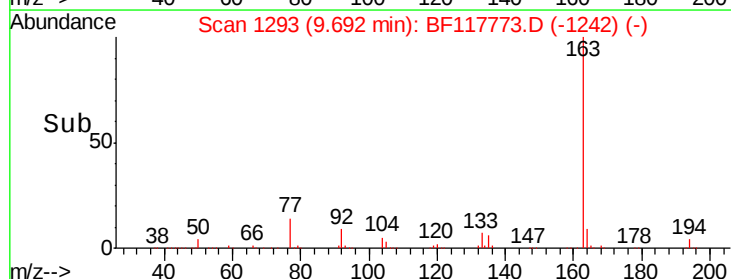
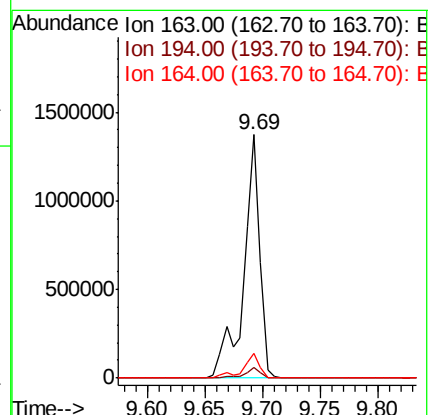
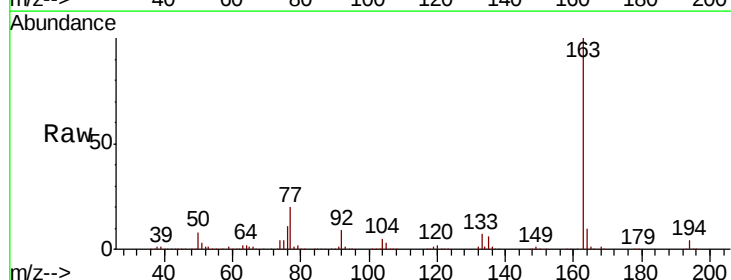
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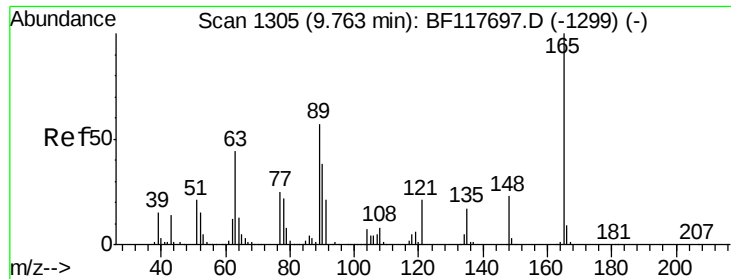
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#50
Dimethylphthalate
Concen: 40.540 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.1	8.6	13.0





#51

2,6-Dinitrotoluene

Concen: 39.583 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

Tot Ion:165 Resp: 292471
Ion Ratio Lower Upper

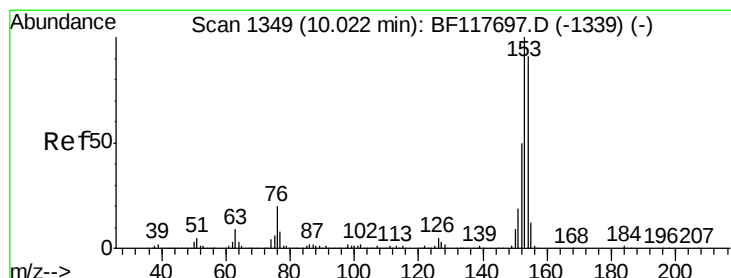
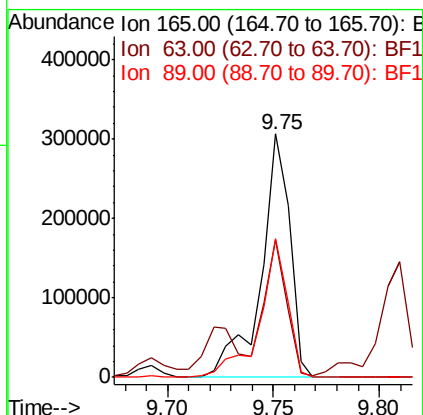
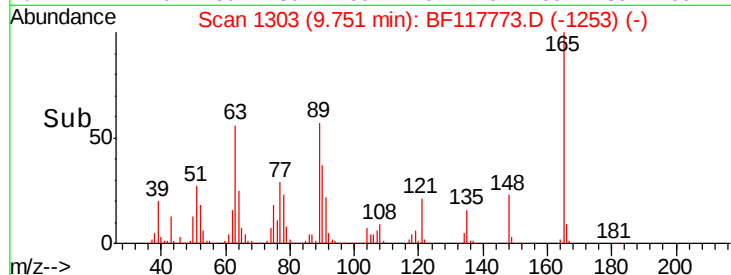
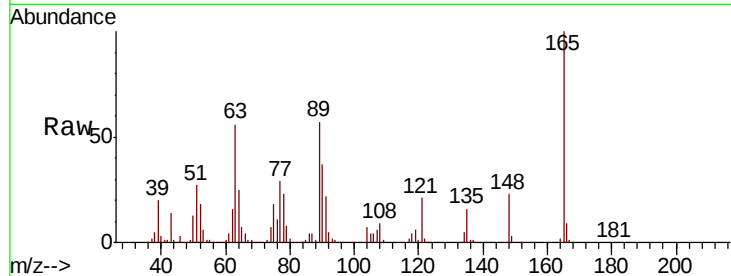
165 100

63 56.5 36.6 55.0#

89 57.2 39.2 58.8

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#52

Acenaphthene

Concen: 41.665 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF117773.D

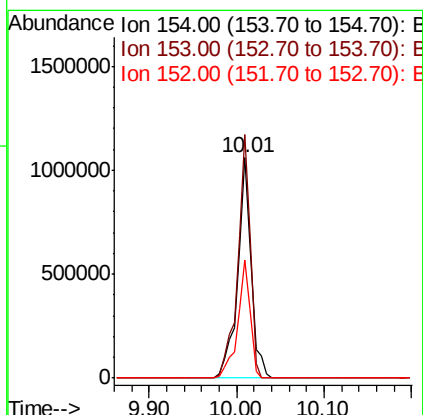
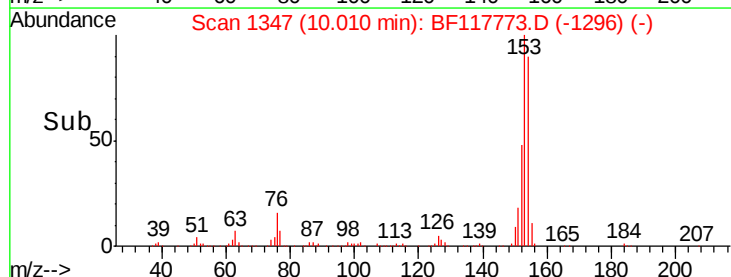
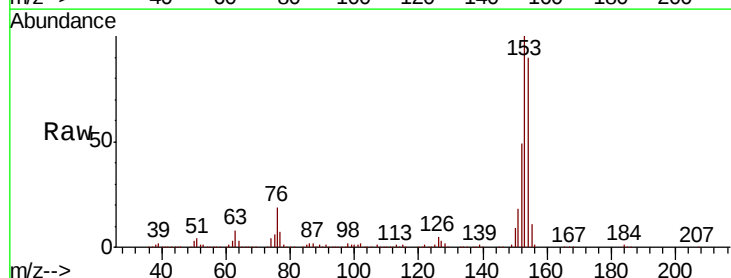
Acq: 12 Nov 2019 21:26

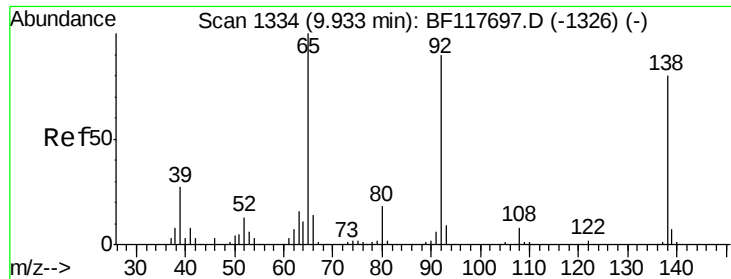
Tgt Ion:154 Resp: 1110722
Ion Ratio Lower Upper

154 100

153 110.7 89.0 133.6

152 53.8 43.8 65.8





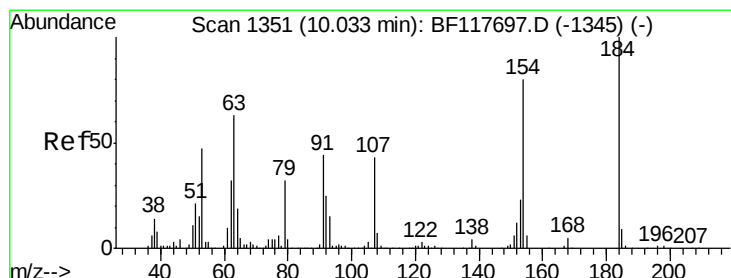
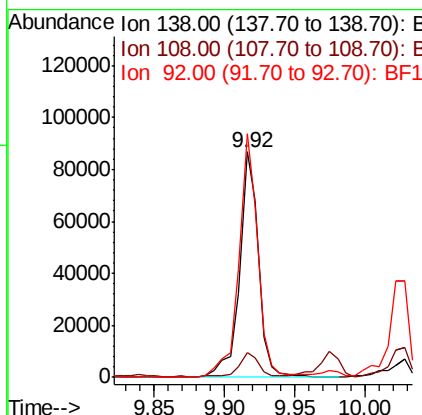
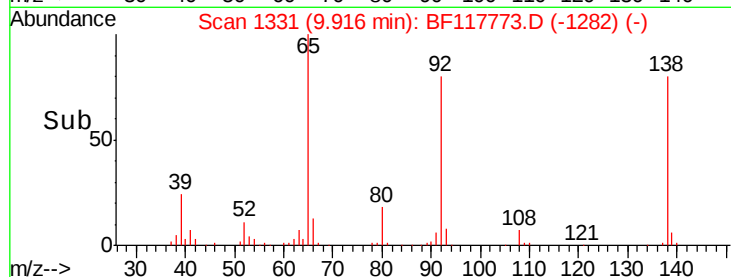
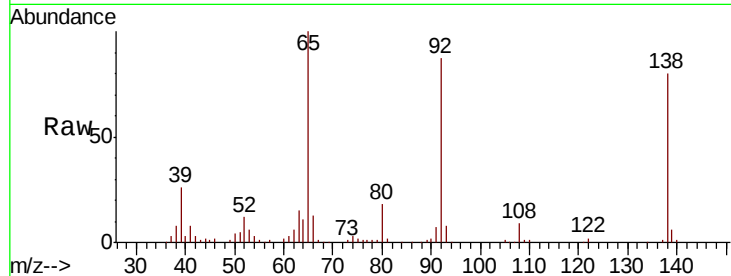
#53
3-Nitroaniline
Concen: 9.096 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.2	12.2
92	107.9	81.5	122.3

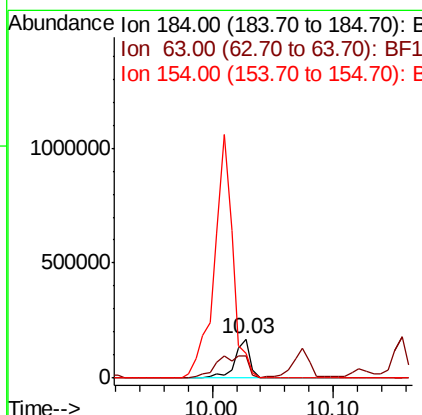
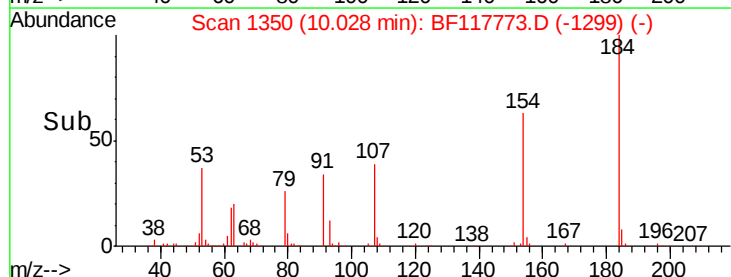
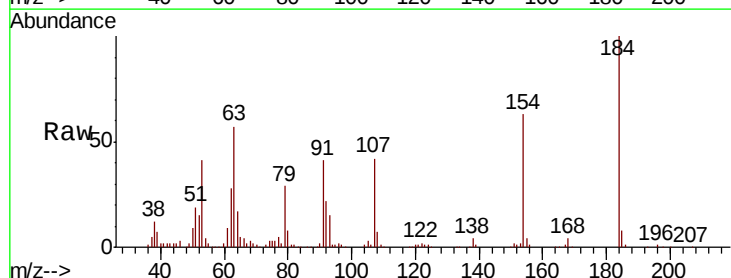
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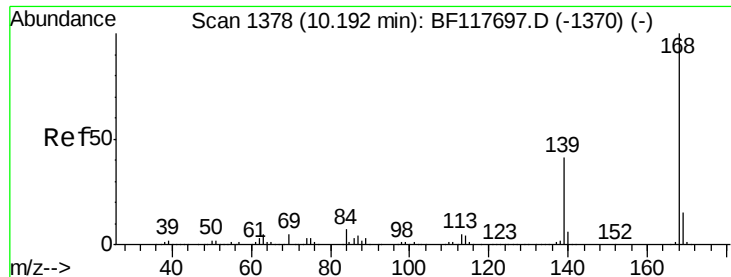
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#54
2,4-Dinitrophenol
Concen: 58.342 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.9	45.8	68.8
154	62.9	48.4	72.6





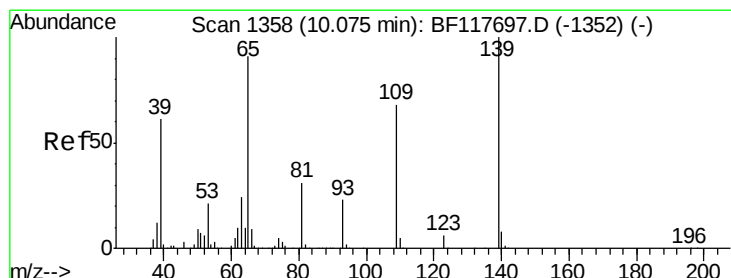
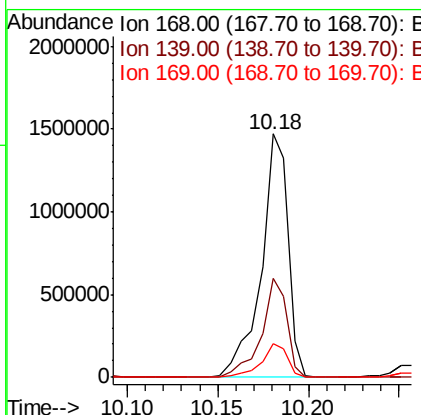
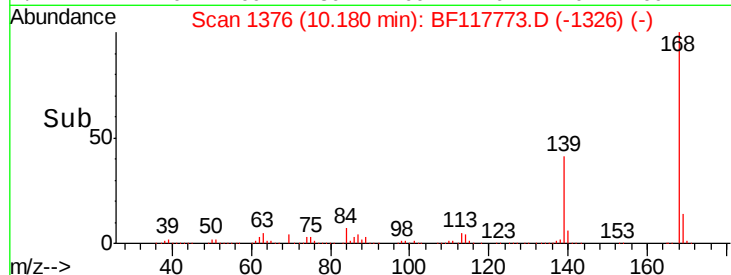
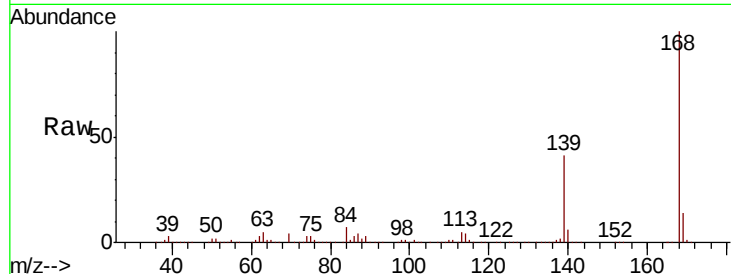
#55
Dibenzenofuran
Concen: 40.591 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	31.4	47.2
169	14.1	11.1	16.7

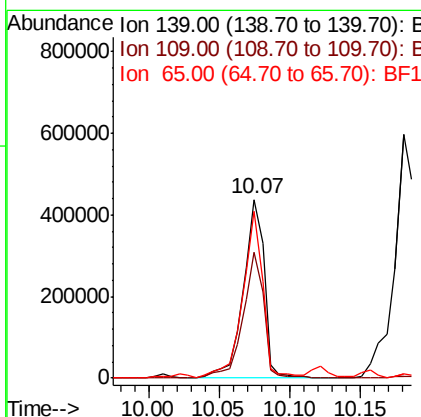
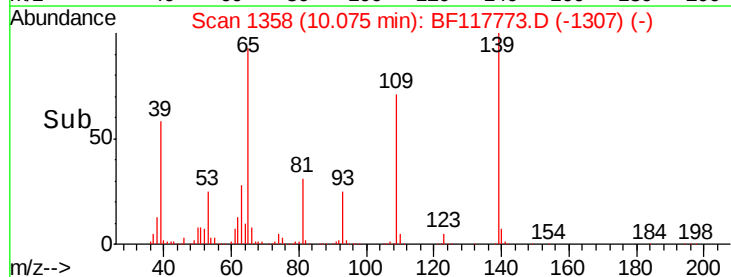
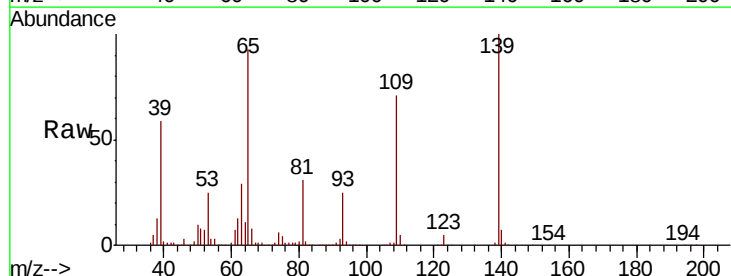
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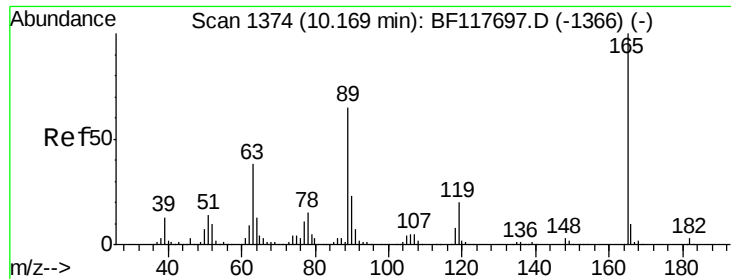
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#56
4-Nitrophenol
Concen: 67.570 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.7	45.1	85.1
65	93.3	61.7	101.7





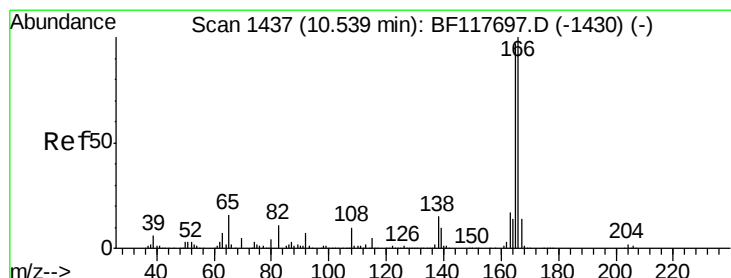
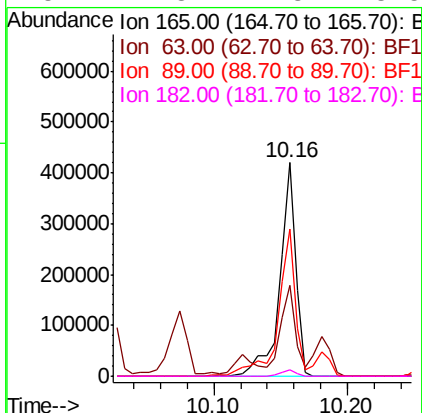
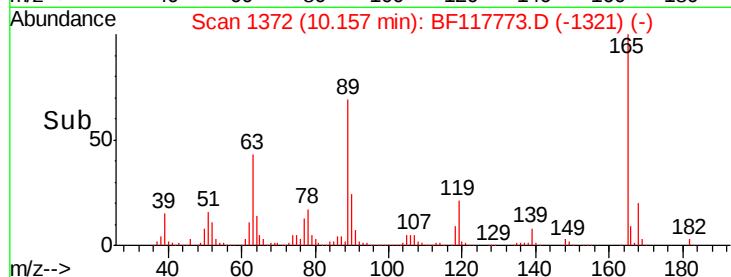
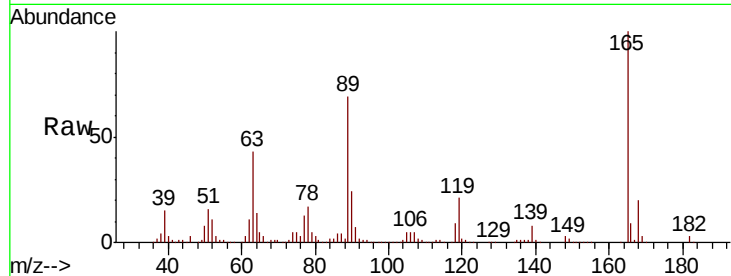
#57
2,4-Dinitrotoluene
Concen: 37.821 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.6	34.4	51.6
89	68.7	57.8	86.8
182	2.8	2.3	3.5

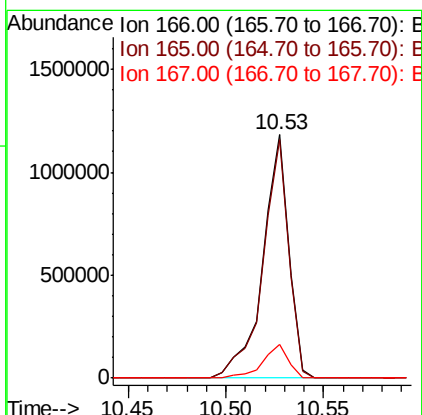
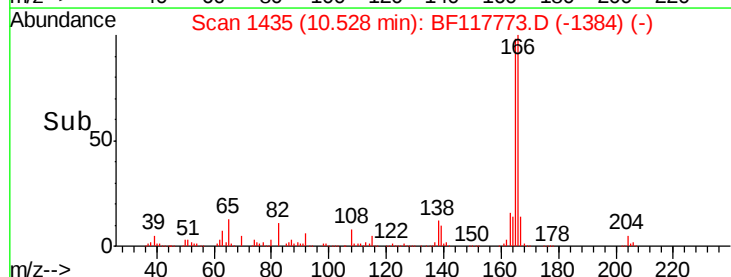
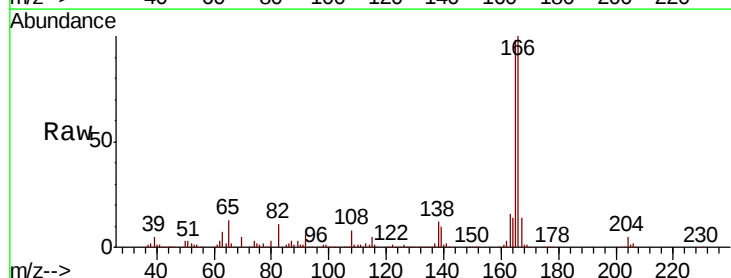
Manual Integrations
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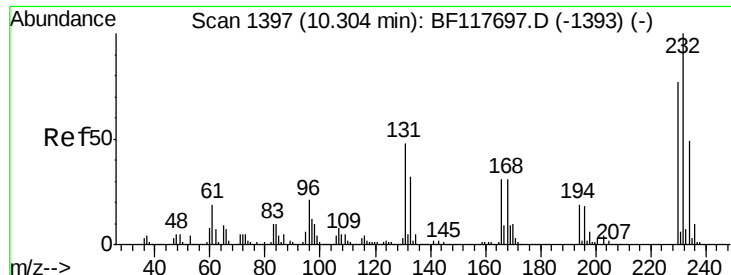
mohammad
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#58
Fluorene
Concen: 39.816 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.5	116.3
167	13.7	11.3	16.9





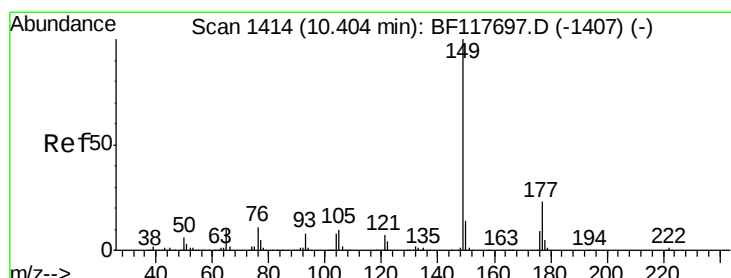
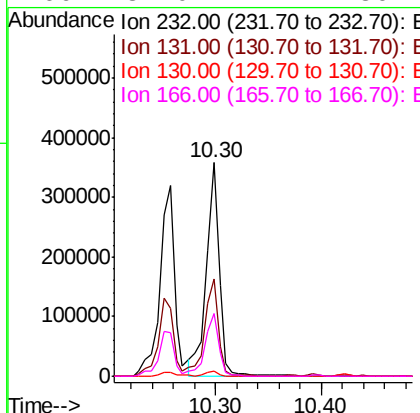
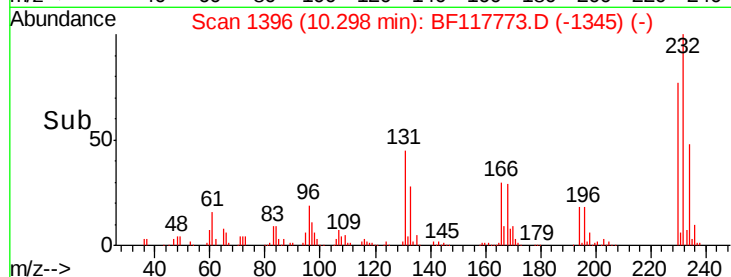
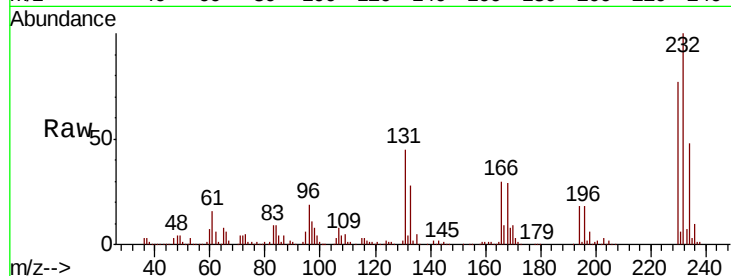
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.196 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.9	36.2	54.4
130	2.3	1.8	2.8
166	31.0	24.1	36.1

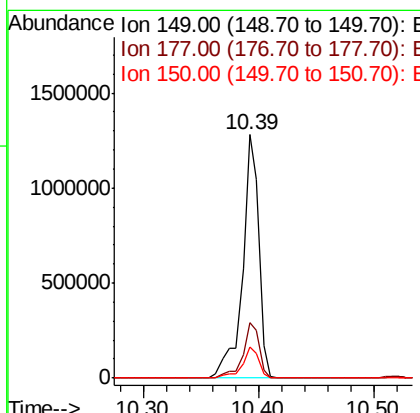
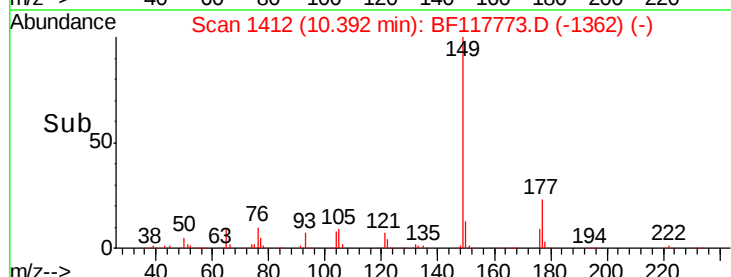
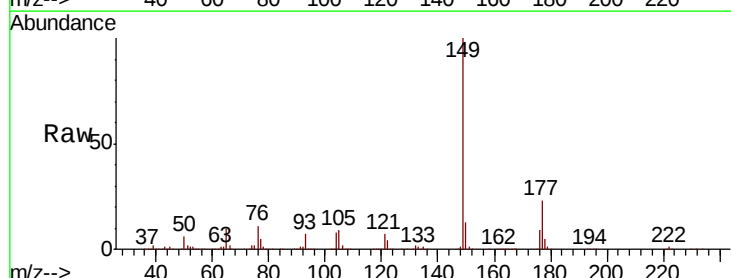
Manual Integrations
APPROVED

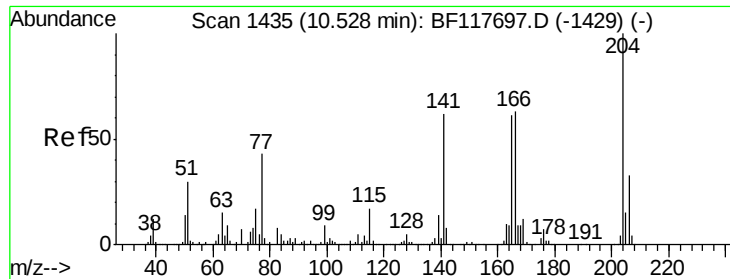
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#60
Diethylphthalate
Concen: 38.304 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.7	28.1
150	12.9	10.2	15.2





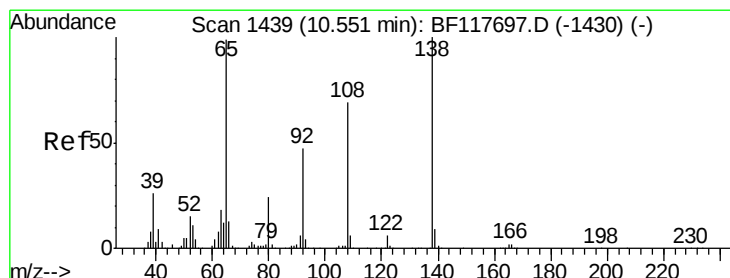
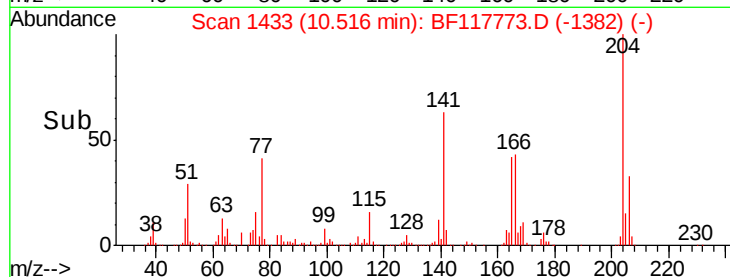
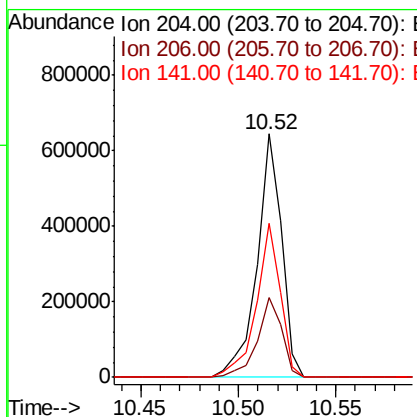
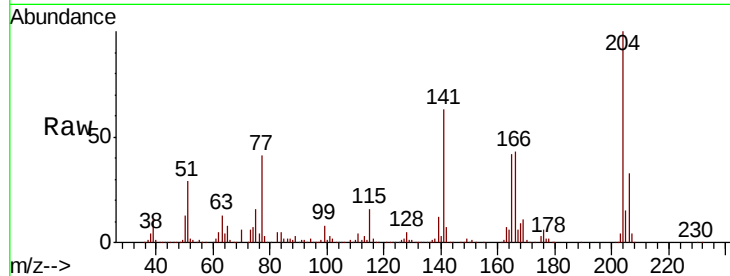
#61
 4-Chlorophenyl-phenylether
 Concen: 39.344 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMSD

Tot Ion:	204	Resp:	563070
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.2	39.2
141	63.4	50.4	75.6

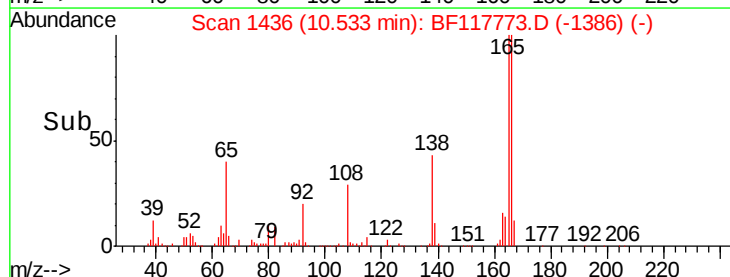
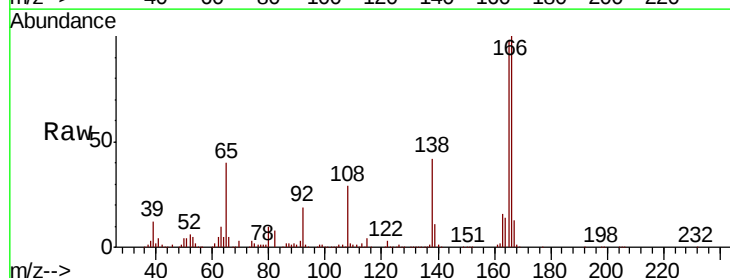
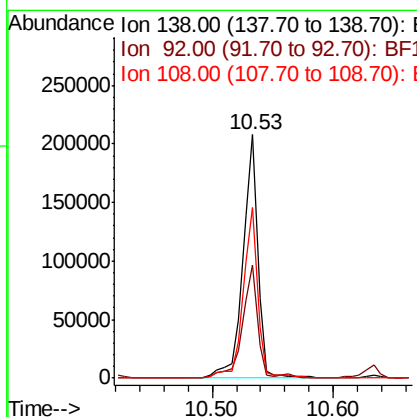
Manual Integrations
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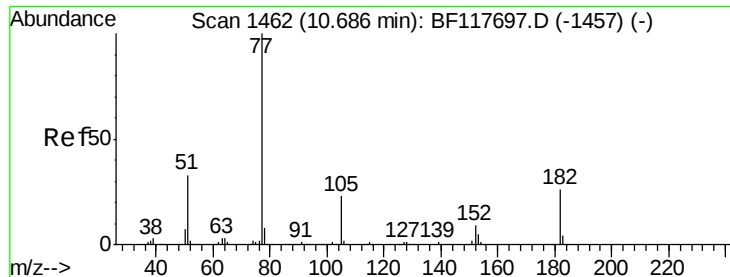
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#62
 4-Nitroaniline
 Concen: 20.799 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Tgt Ion:	138	Resp:	182487
Ion Ratio	Lower	Upper	
138	100		
92	46.3	29.3	69.3
108	70.1	52.7	92.7





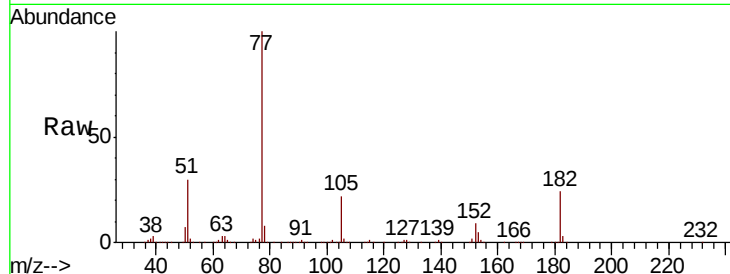
#63
Azobenzene
Concen: 35.430 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

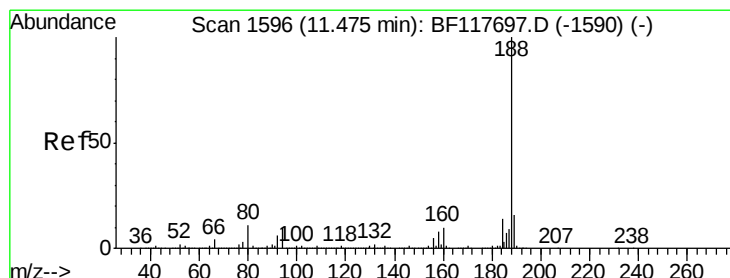
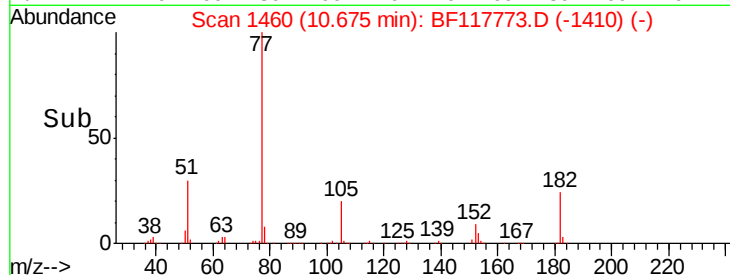
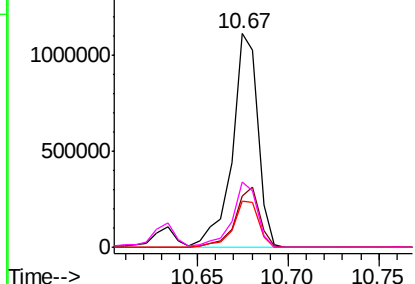
Tot Ion	Ratio	Lower	Upper
77	100		
182	23.8	9.8	49.8
105	21.5	3.3	43.3
51	30.4	10.7	50.7

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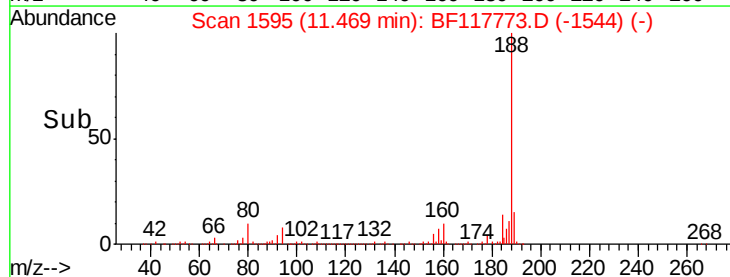
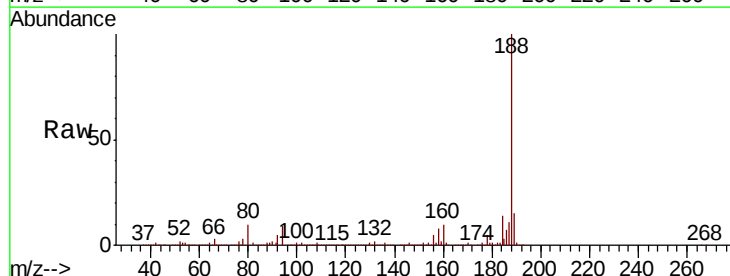
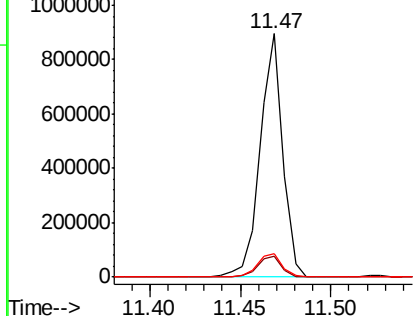
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

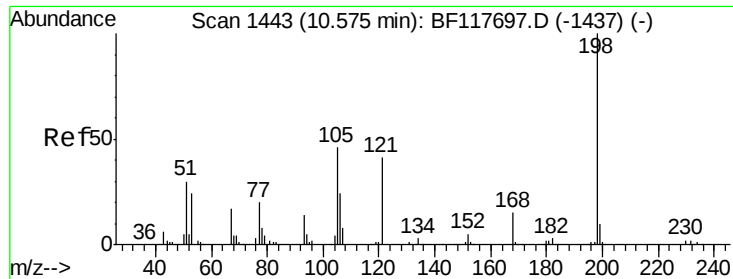


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.2
80	9.7	8.1	12.1

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





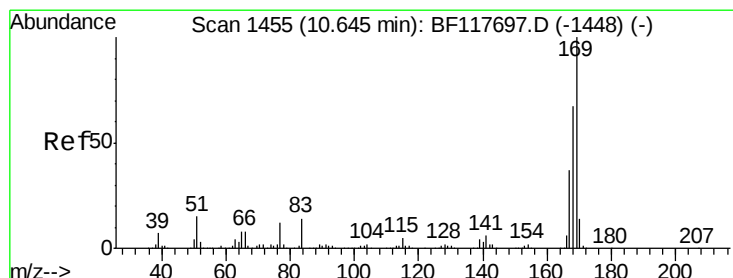
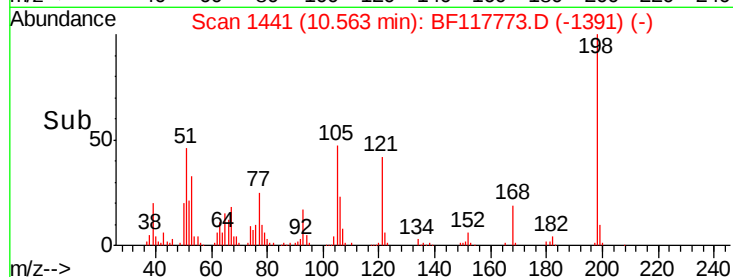
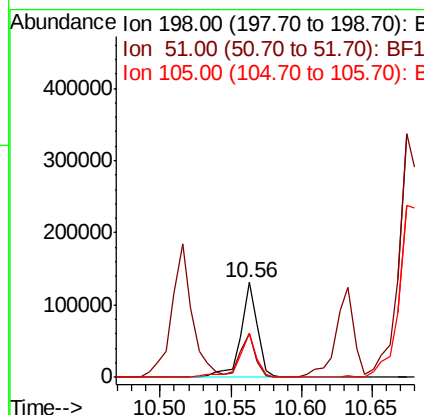
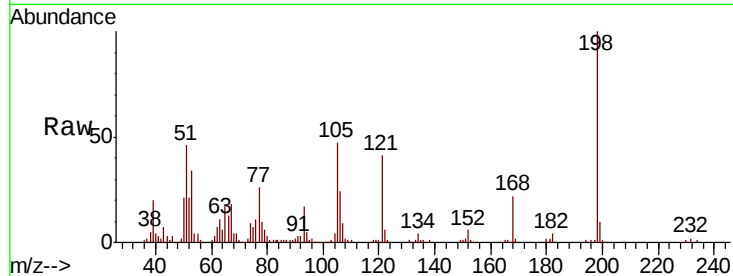
#65
4,6-Dinitro-2-methylphenol
Concen: 34.453 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	106941		
51	46.1	19.9	59.9	
105	46.6	22.6	62.6	

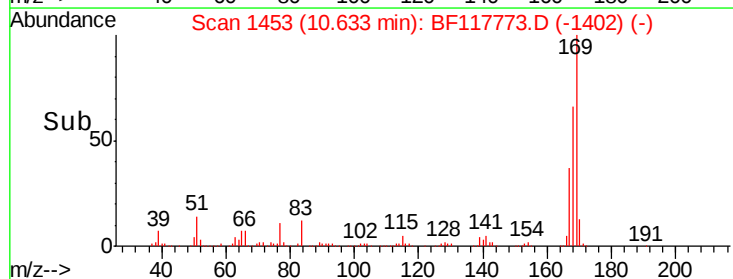
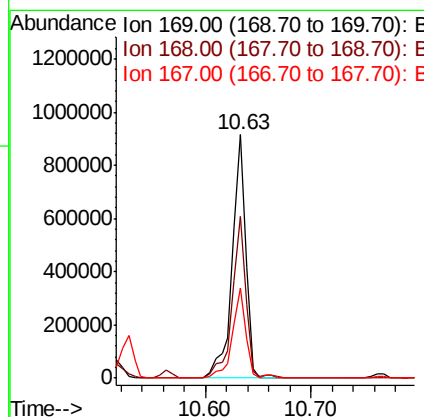
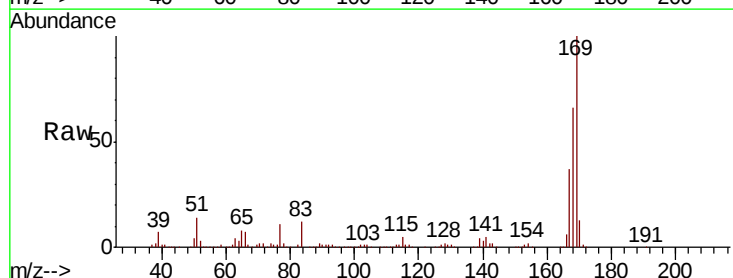
Manual Integrations
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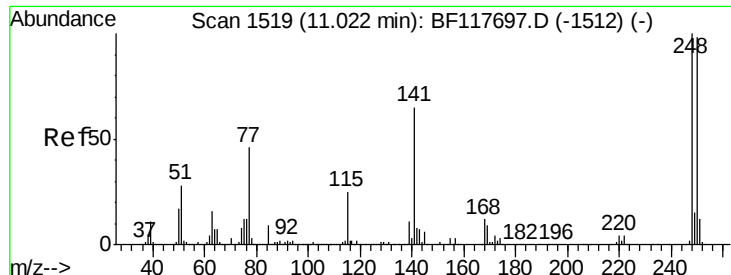
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#66
n-Nitrosodiphenylamine
Concen: 35.198 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	808104		
168	66.3	53.1	79.7	
167	37.2	29.3	43.9	





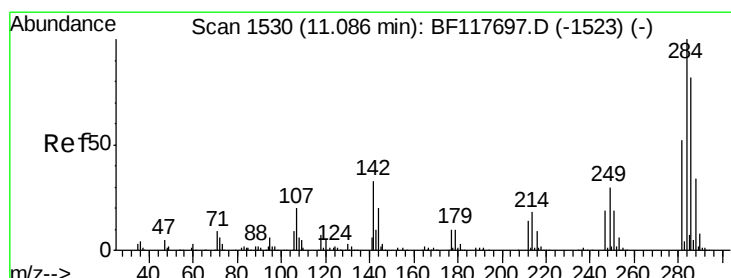
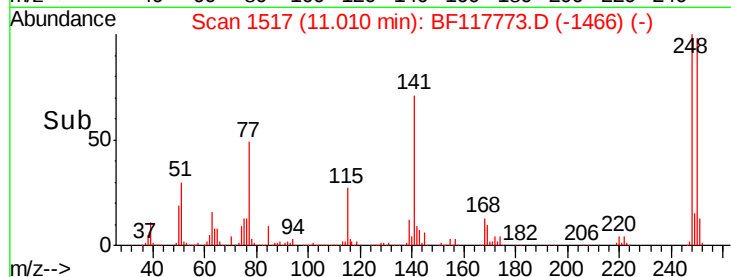
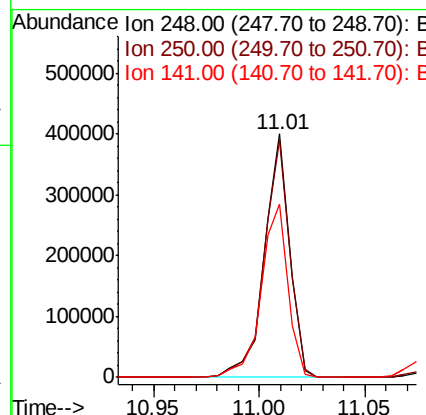
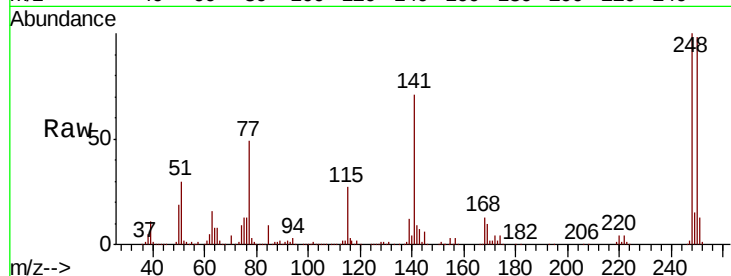
#67
4-Bromophenyl-phenylether
Concen: 39.362 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.8	116.6
141	71.2	58.6	88.0

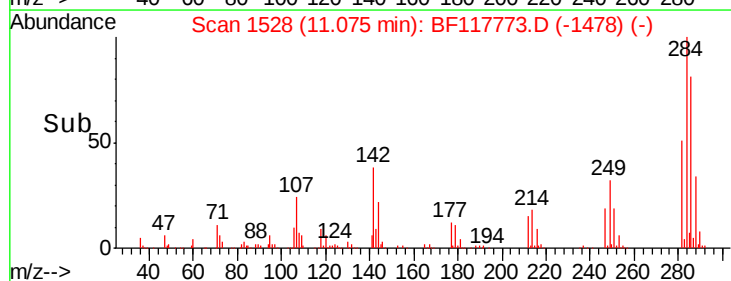
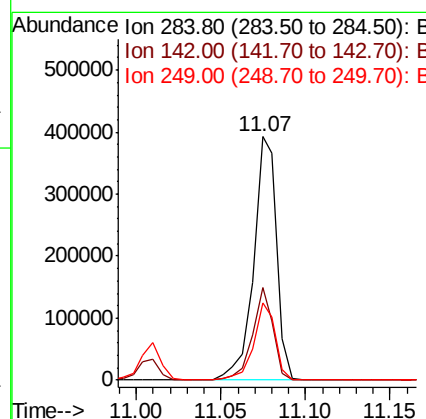
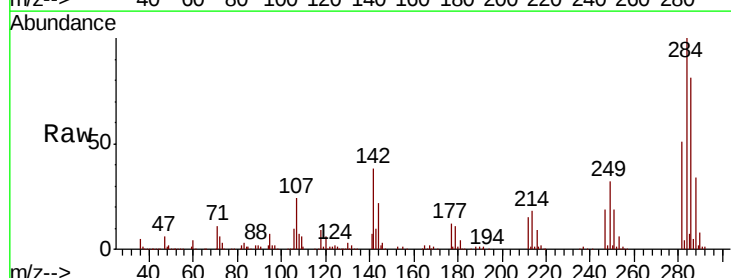
Manual Integrations
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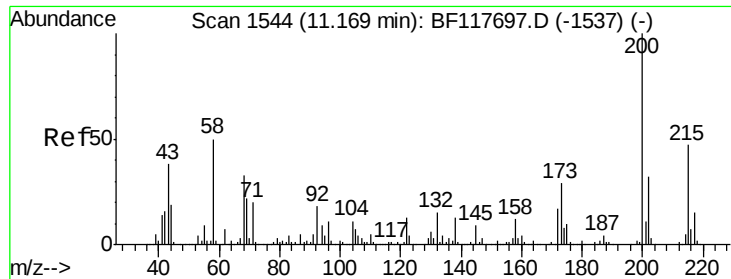
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#68
Hexachlorobenzene
Concen: 38.163 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	22.8	34.2#
249	31.7	23.0	34.6





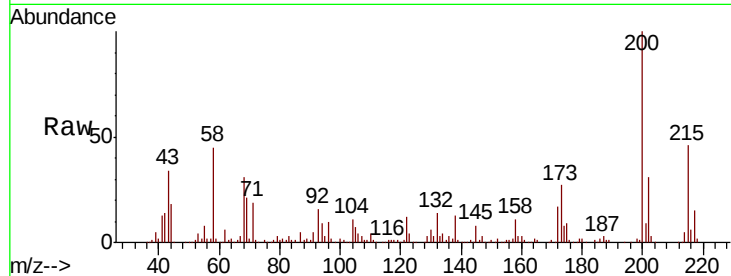
#69
Atrazine
Concen: 27.398 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.5	6.6	46.6
215	46.4	28.6	68.6

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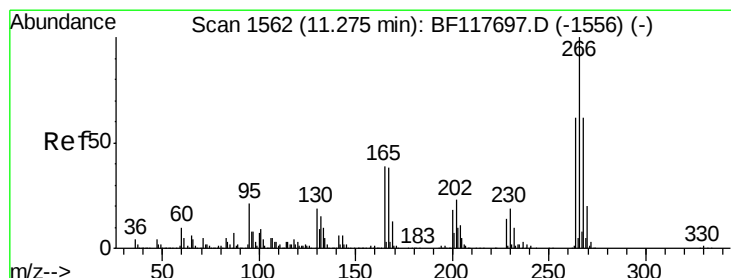
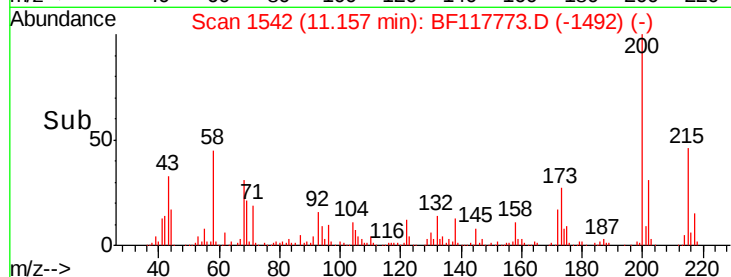
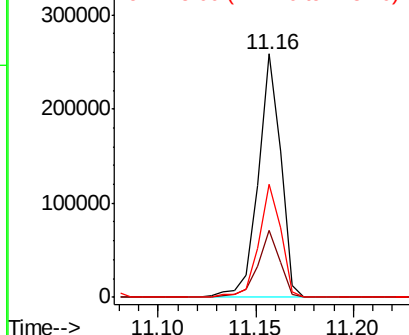


Abundance

Ion 200.00 (199.70 to 200.70): E

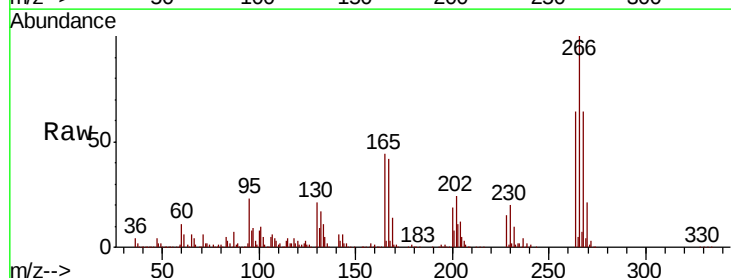
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 77.185 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	50.1	75.1
264	64.5	49.8	74.6

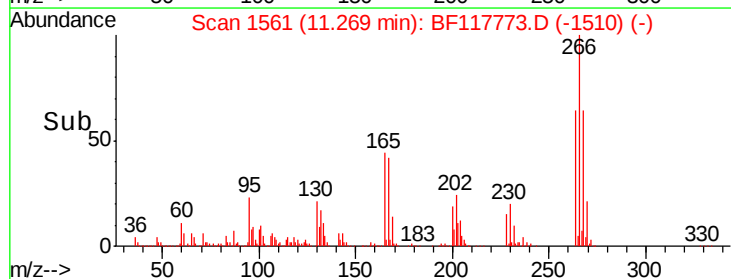
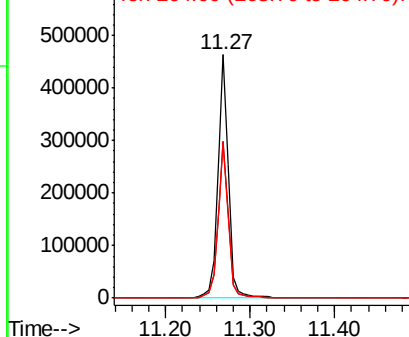


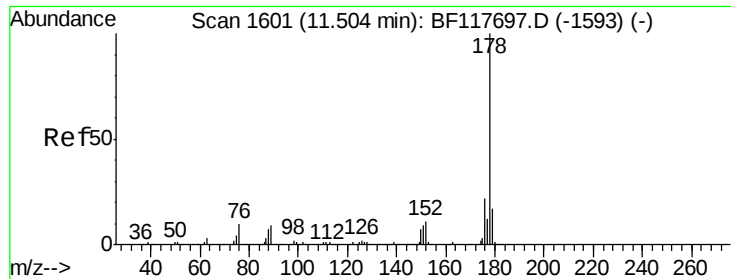
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





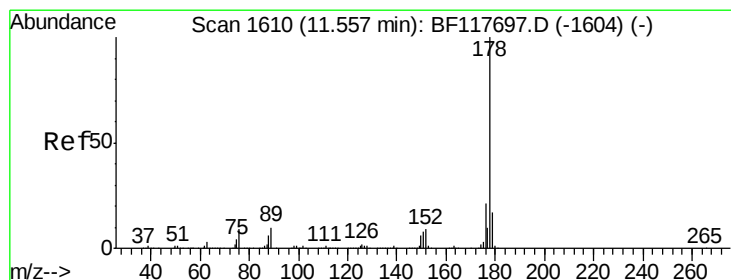
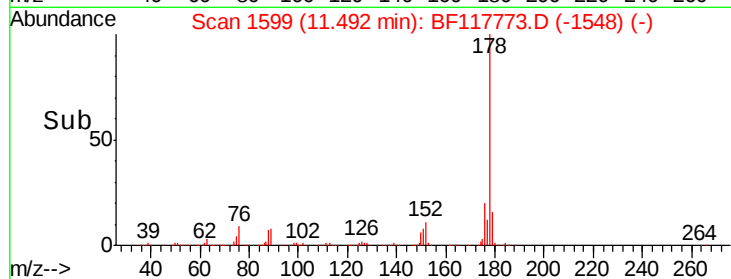
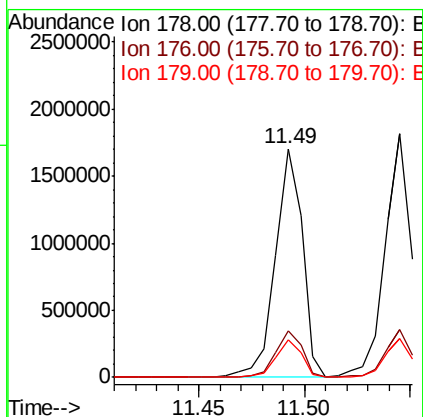
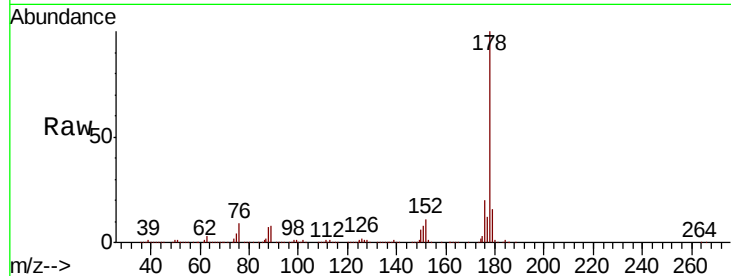
#71
Phenanthrene
Concen: 41.108 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.8	25.2
179	16.4	13.5	20.3

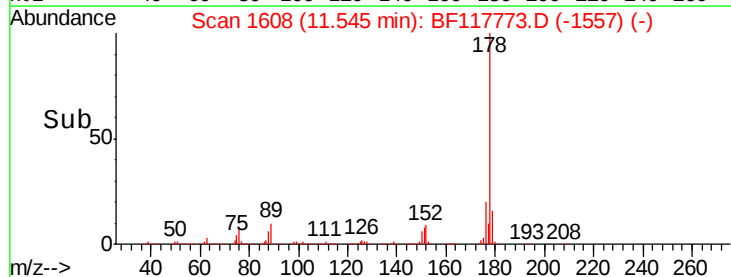
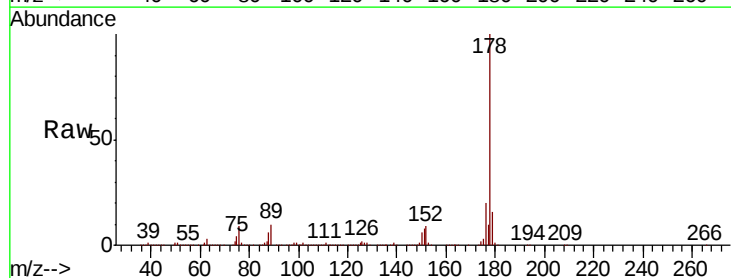
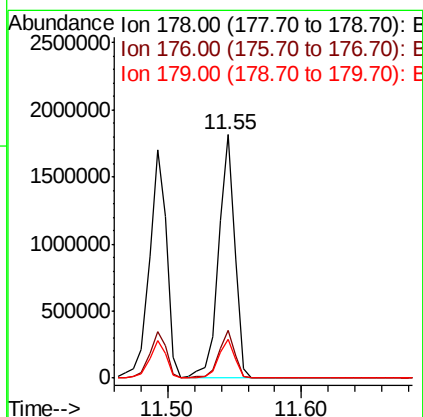
Manual Integrations
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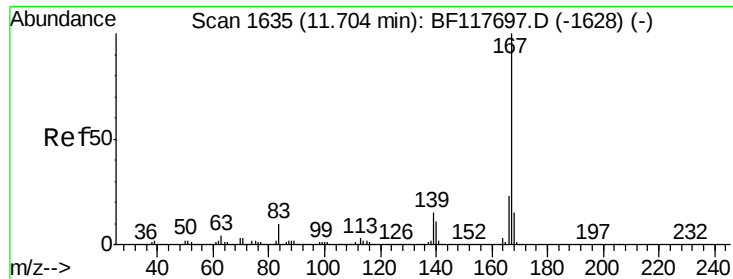
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#72
Anthracene
Concen: 41.817 ng
RT: 11.55 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.4	24.6
179	16.1	13.6	20.4





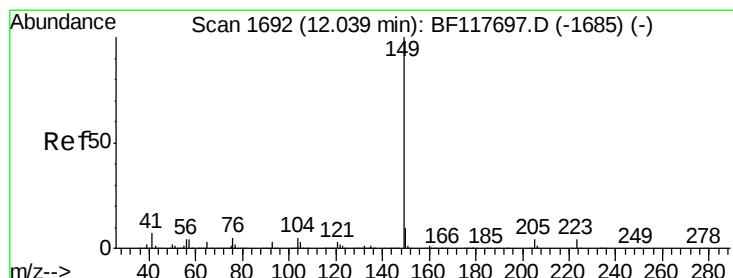
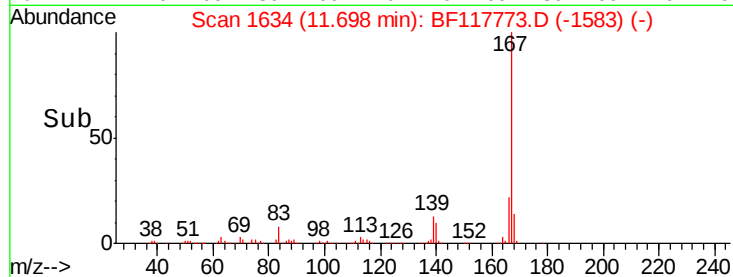
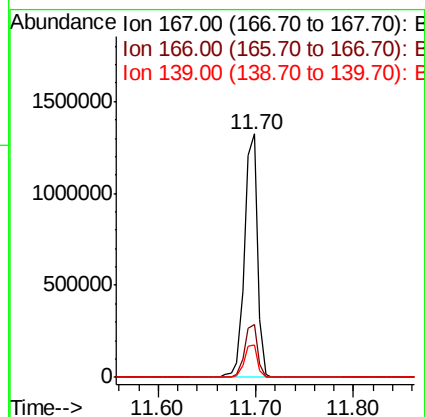
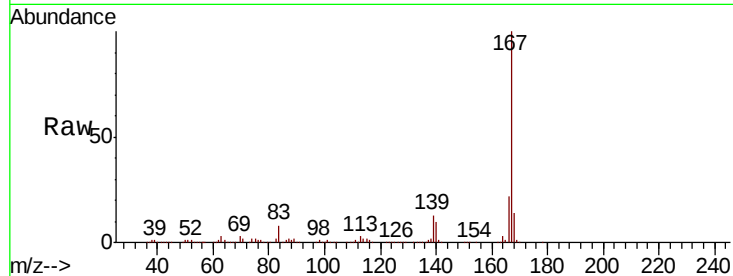
#73
 Carbazole
 Concen: 36.134 ng
 RT: 11.70 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMSD

Tot Ion:	167	Resp:	1224465
Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.6	27.8
139	13.3	11.6	17.4

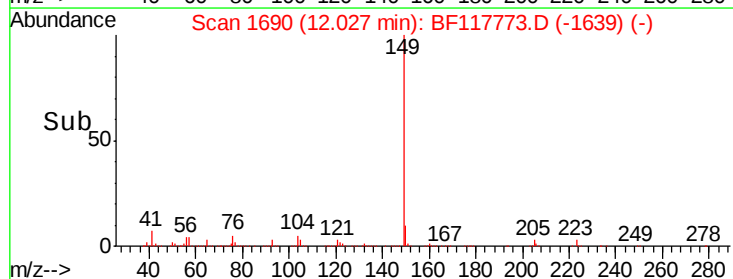
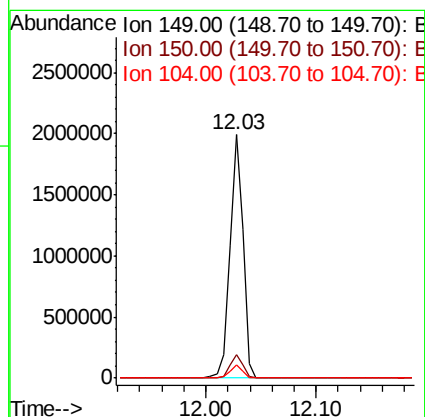
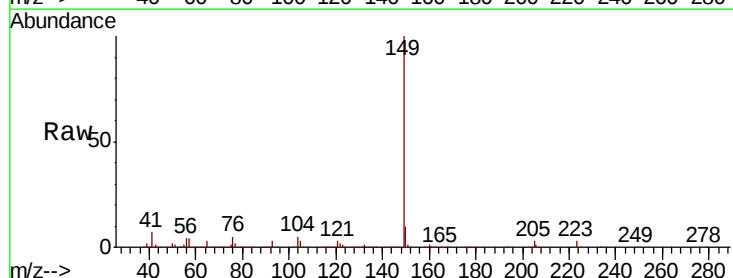
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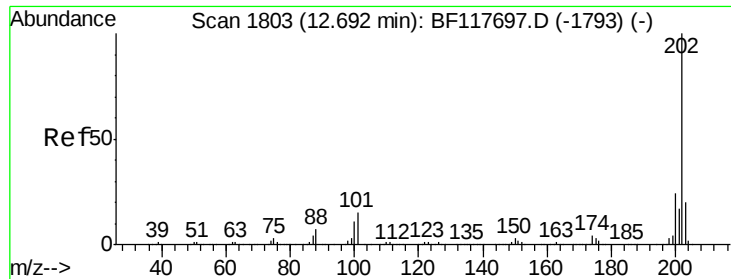
mohammad
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#74
 Di-n-butylphthalate
 Concen: 39.967 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Tgt Ion:	149	Resp:	1646850
Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.4
104	5.3	4.4	6.6





#75

Fluoranthene

Concen: 40.761 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

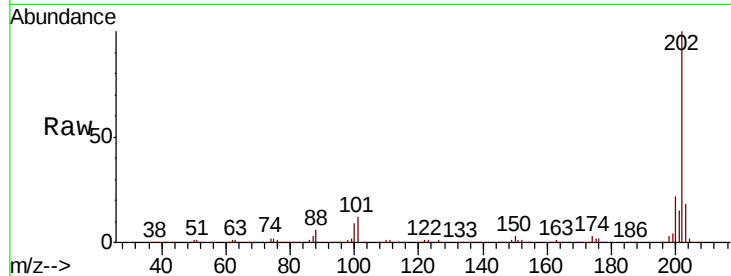
ClientSampleId :

TP-1A-COMPMSD

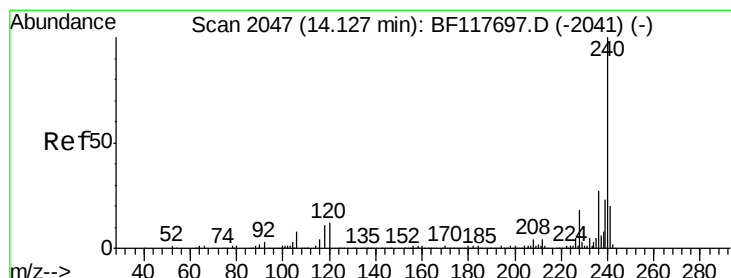
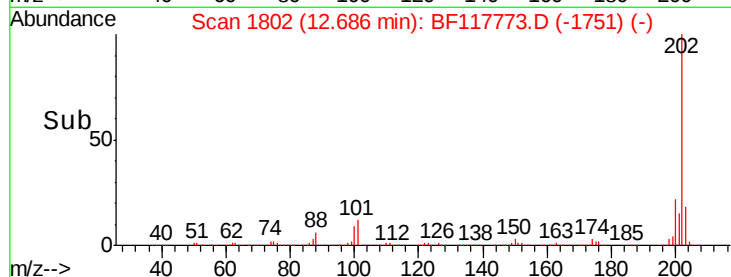
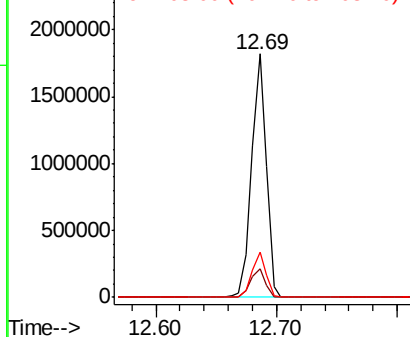
Tot Ion:	202	Resp:	1550739
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	32.5
203	18.4	0.0	38.9

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.12 min Scan# 2046

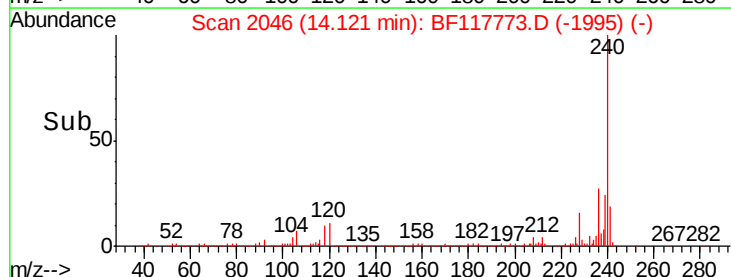
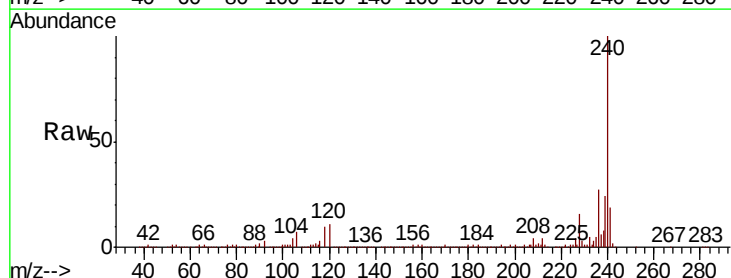
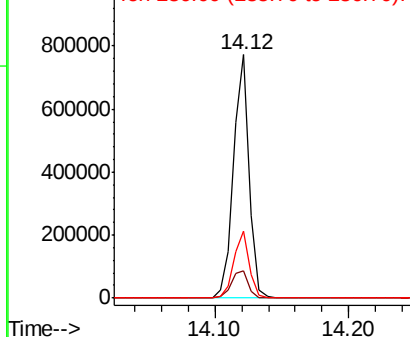
Delta R.T. 0.00 min

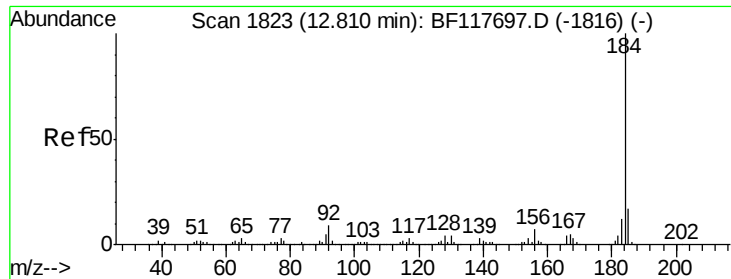
Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Tgt Ion:	240	Resp:	637431
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.3	13.9
236	27.5	21.4	32.0

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.456 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

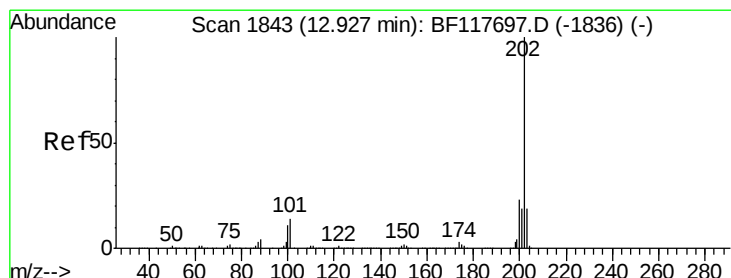
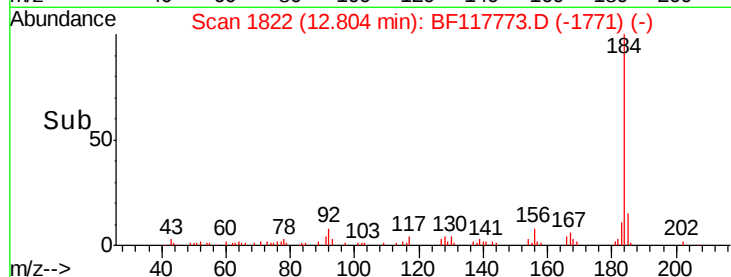
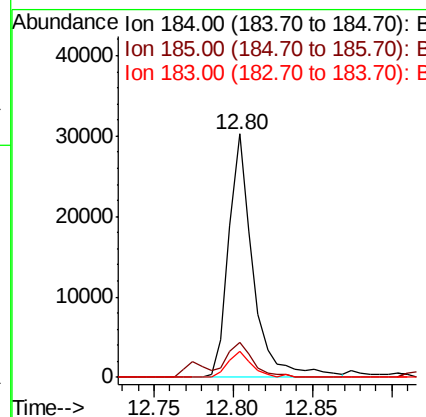
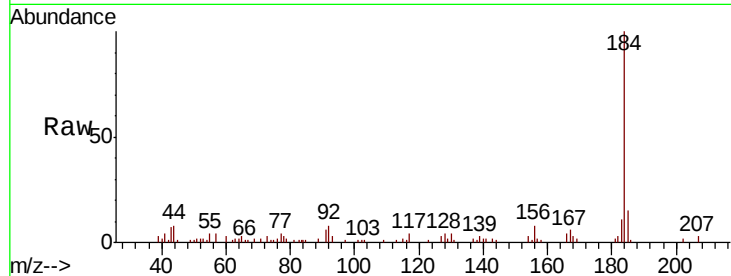
ClientSampleId :

TP-1A-COMPMSD

Tot Ion:	184	Resp:	32261
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.4	18.6
183	10.9	9.8	14.6

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#78

Pyrene

Concen: 34.369 ng

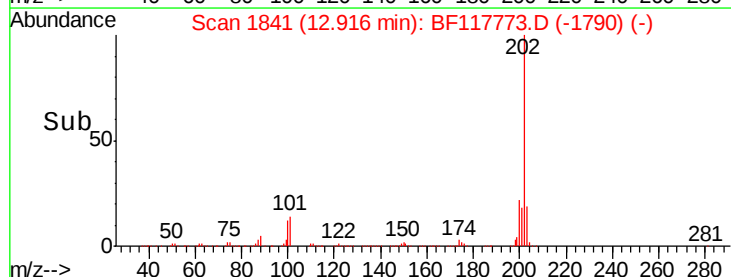
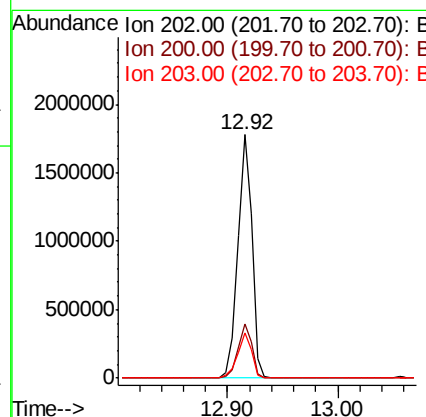
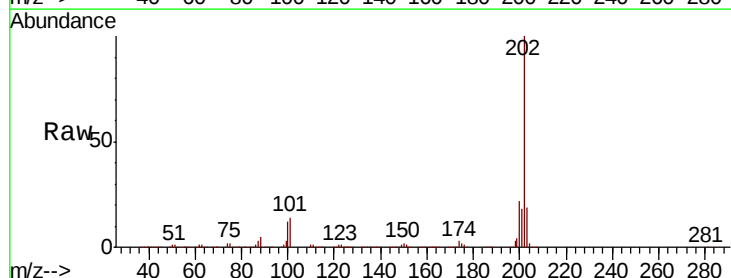
RT: 12.92 min Scan# 1841

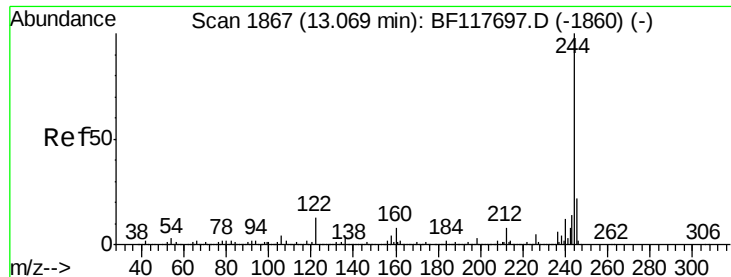
Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Tgt Ion:	202	Resp:	1599260
Ion Ratio	Lower	Upper	
202	100		
200	22.3	18.9	28.3
203	18.8	15.3	22.9





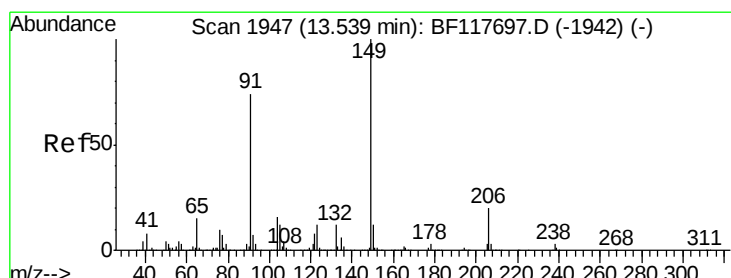
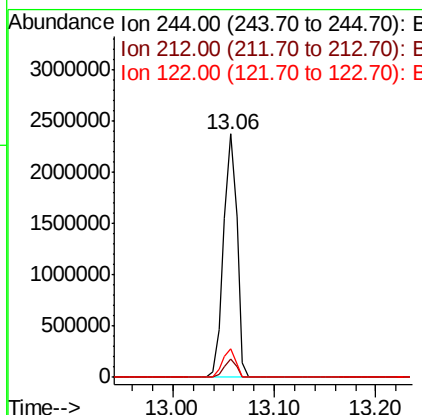
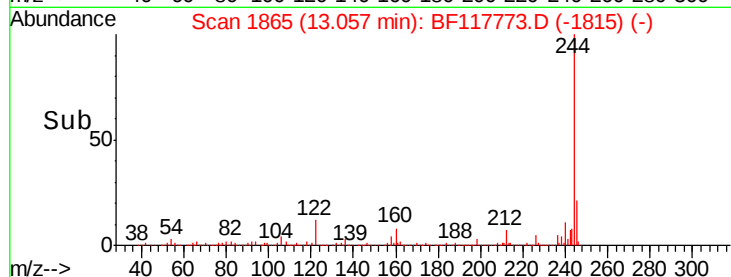
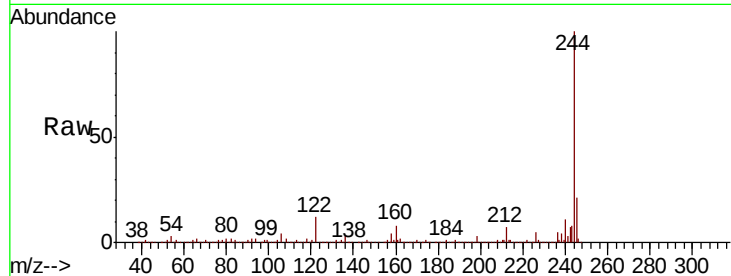
#79
 Terphenyl-d14
 Concen: 70.478 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.4
122	11.7	9.1	13.7

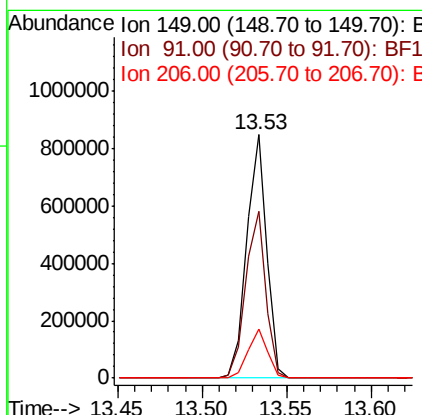
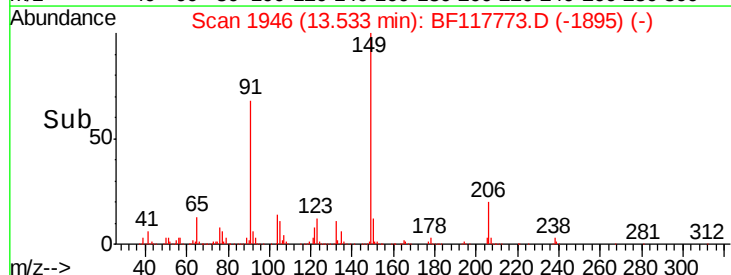
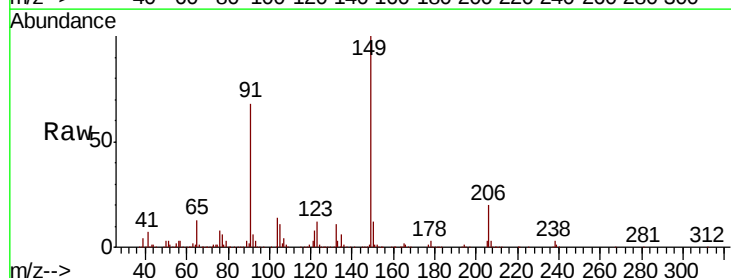
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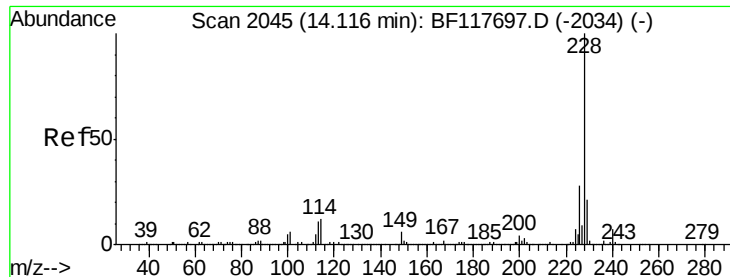
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#80
 Butylbenzylphthalate
 Concen: 32.666 ng
 RT: 13.53 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.3	55.7	83.5
206	20.3	16.1	24.1





#81

Benzo(a)anthracene

Concen: 40.893 ng

RT: 14.11 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

Tot Ion:228 Resp: 1622522

Ion Ratio Lower Upper

228 100

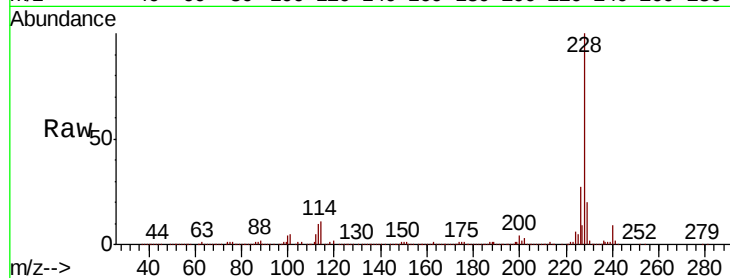
226 27.3 22.6 33.8

229 20.2 17.0 25.4

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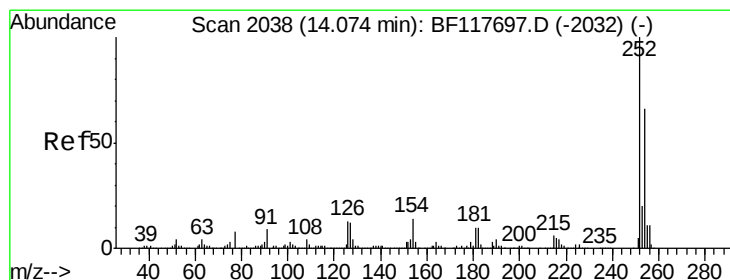
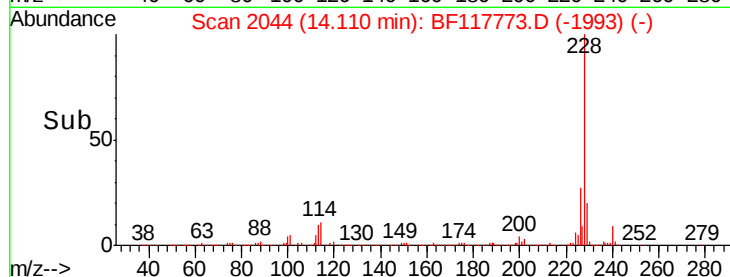
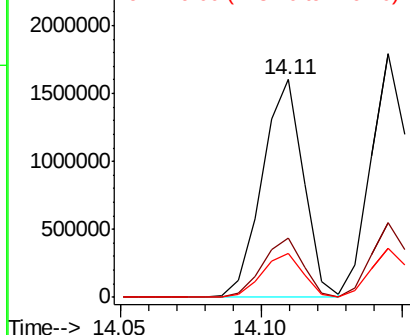


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 10.525 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

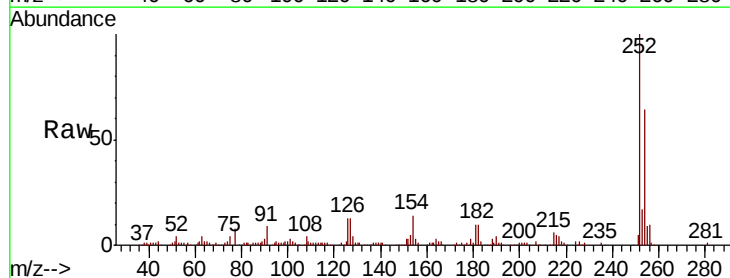
Tgt Ion:252 Resp: 155973

Ion Ratio Lower Upper

252 100

254 63.6 51.0 76.4

126 13.4 9.4 14.2

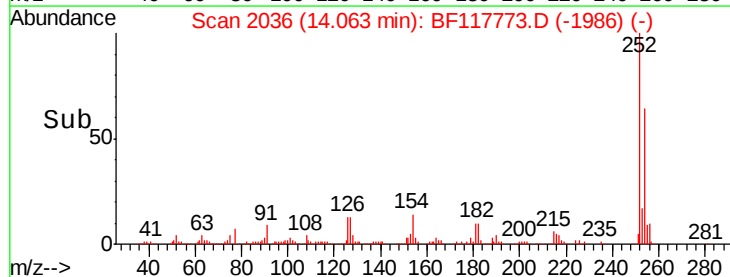
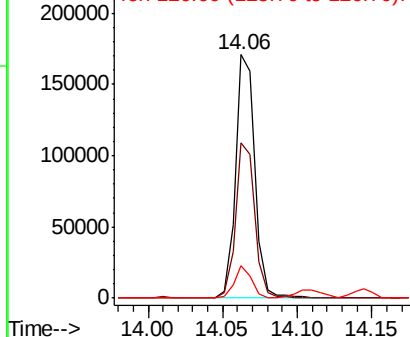


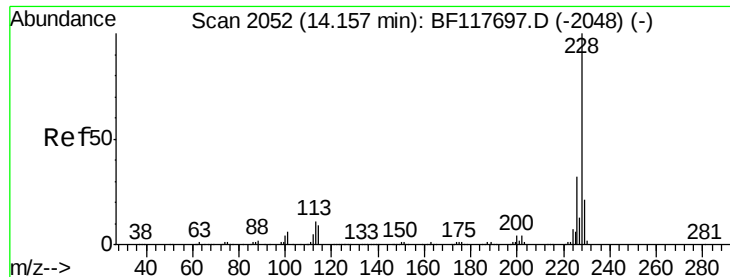
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 39.806 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

Tot Ion:228 Resp: 1559734

Ion Ratio Lower Upper

228 100

226 30.7 25.1 37.7

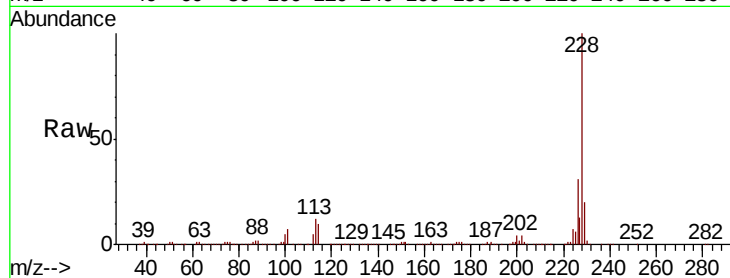
229 20.2 16.6 25.0

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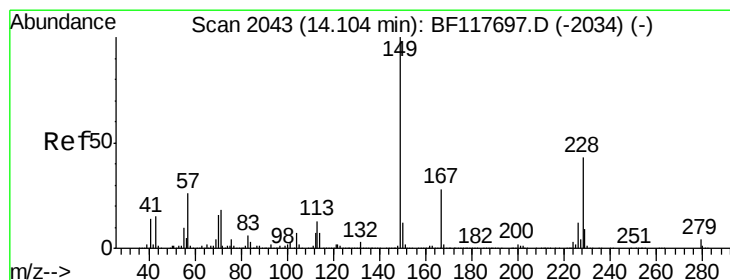
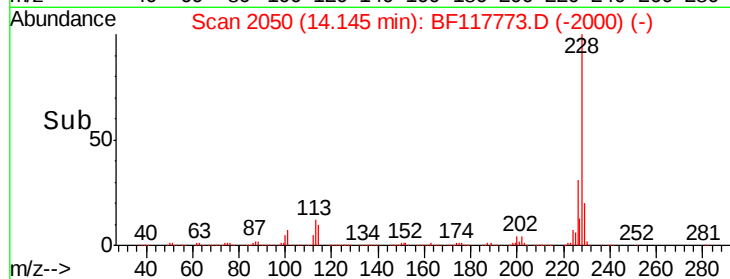
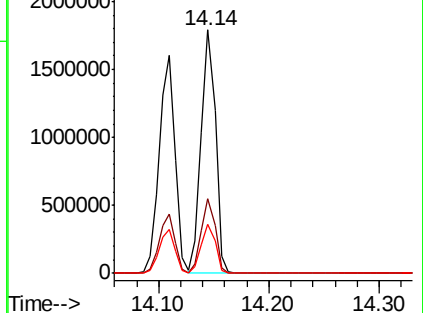
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.172 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

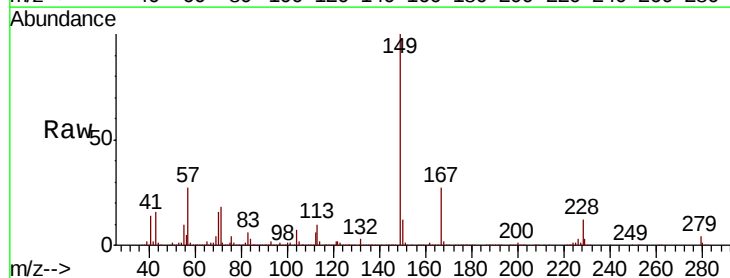
Tgt Ion:149 Resp: 947411

Ion Ratio Lower Upper

149 100

167 26.6 22.1 33.1

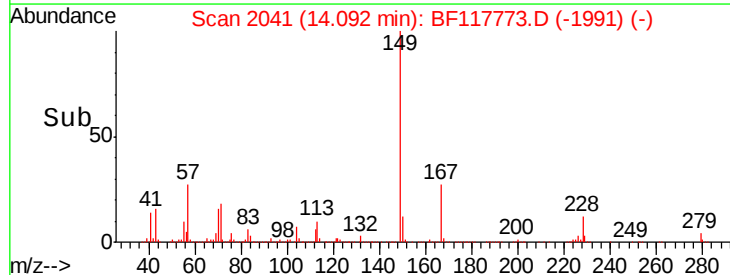
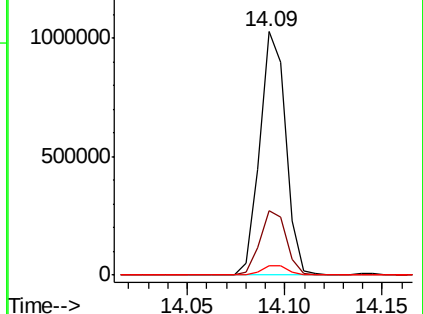
279 3.7 3.8 5.8#

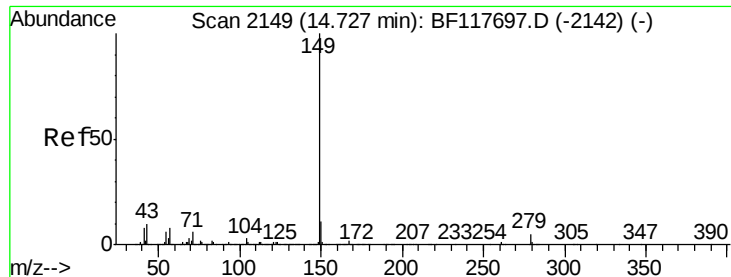


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





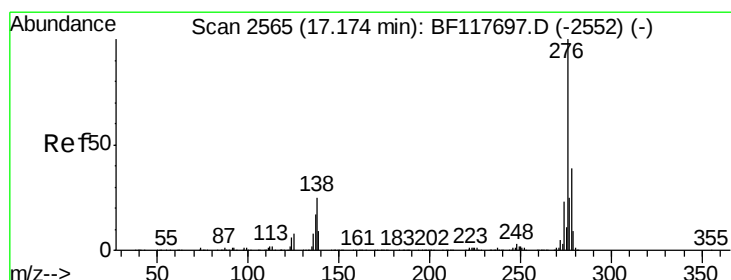
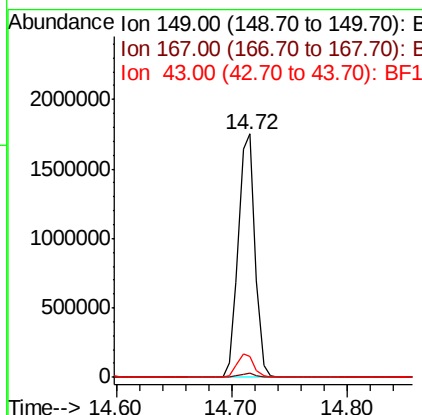
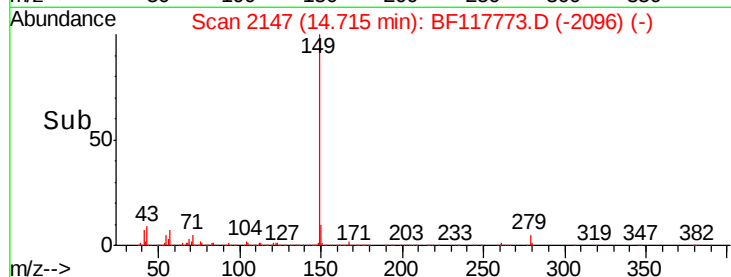
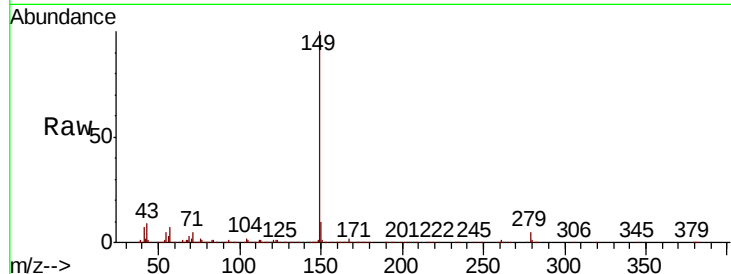
#85
Di-n-octyl phthalate
Concen: 40.486 ng
RT: 14.72 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.5	7.8	11.6

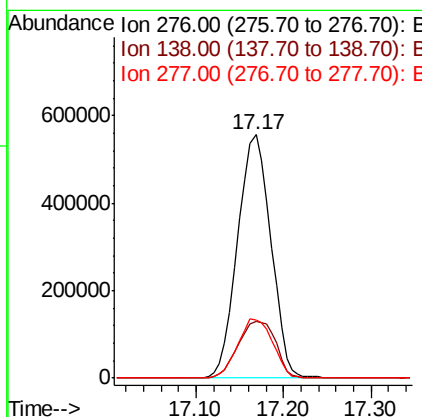
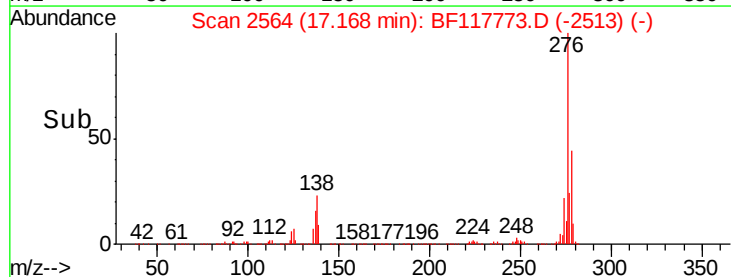
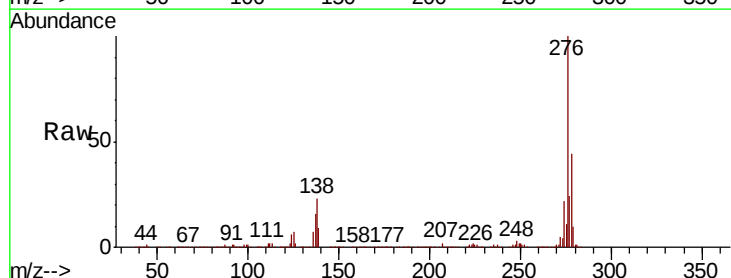
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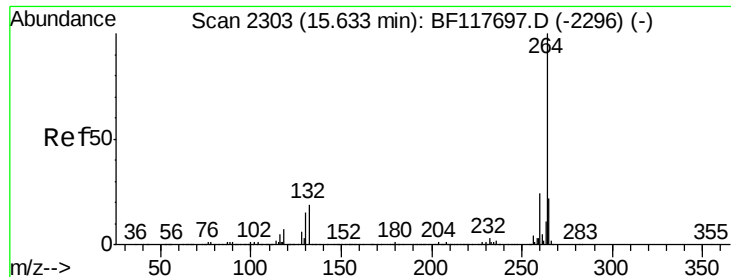
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.428 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.2	31.8
277	25.7	20.1	30.1





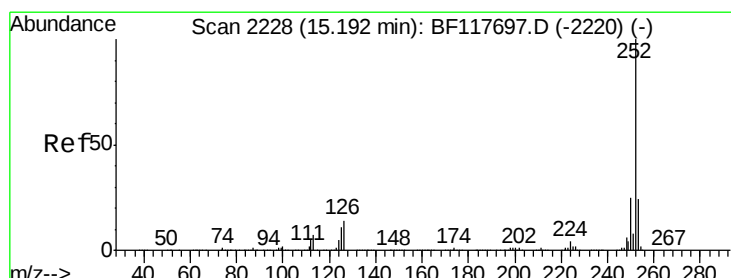
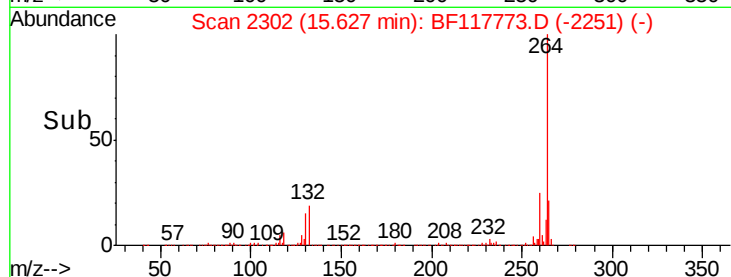
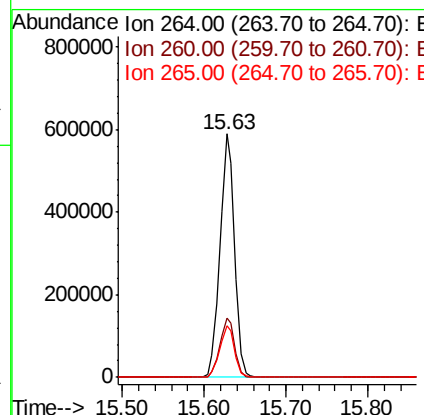
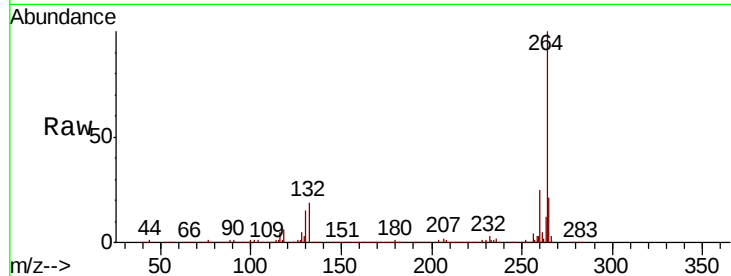
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	21.4	17.2	25.8

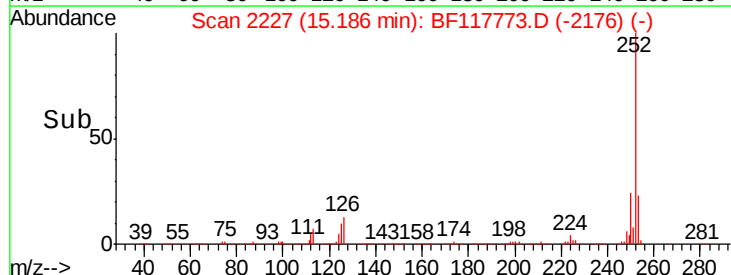
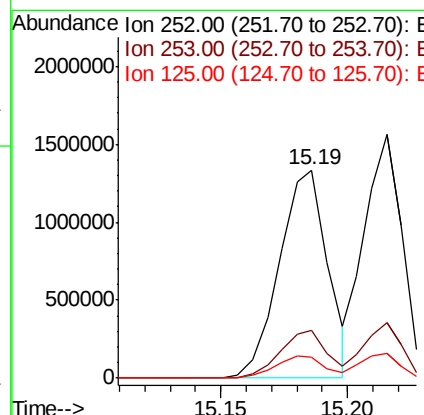
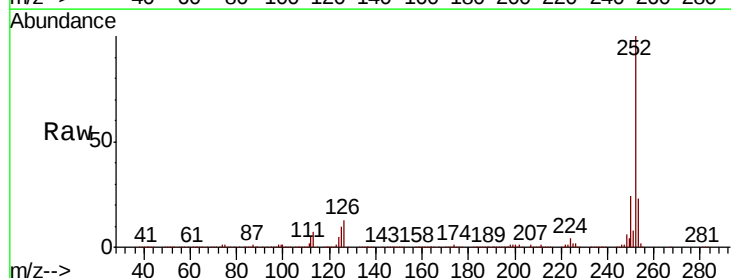
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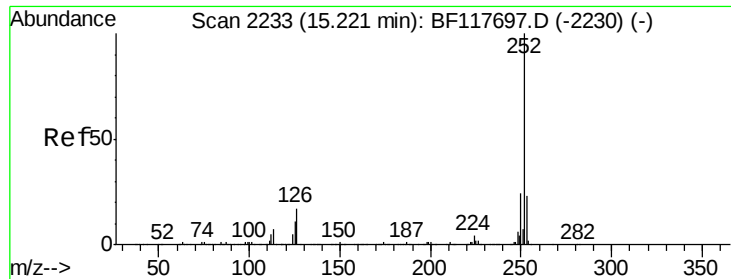
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#88
Benzo(b)fluoranthene
Concen: 38.484 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	9.8	8.4	12.6





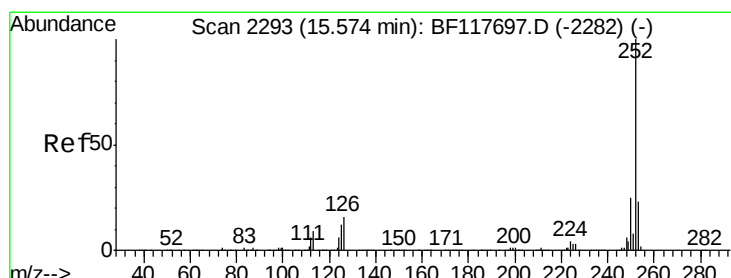
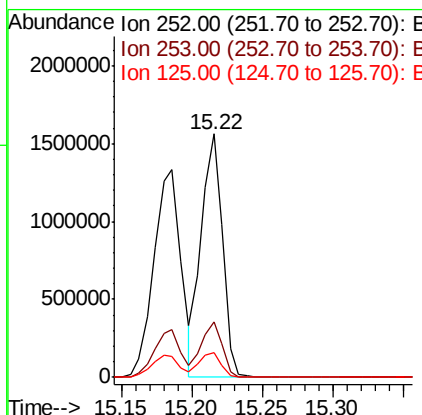
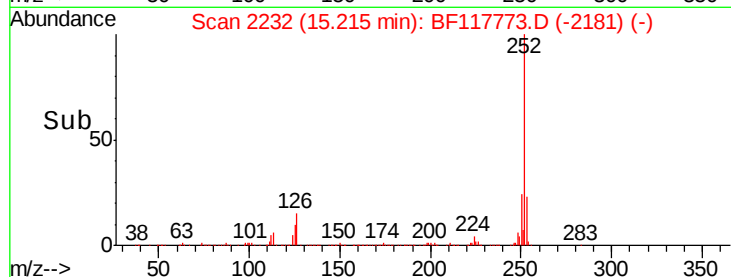
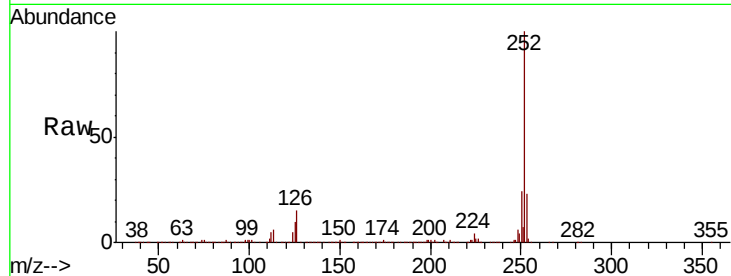
#89
Benzo(k)fluoranthene
Concen: 39.840 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion:252 Resp: 1636709
Ion Ratio Lower Upper
252 100
253 22.7 18.6 28.0
125 10.3 8.9 13.3

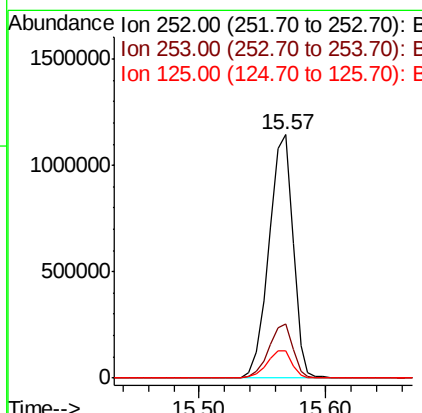
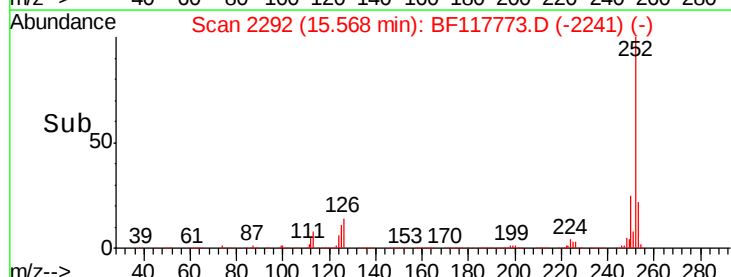
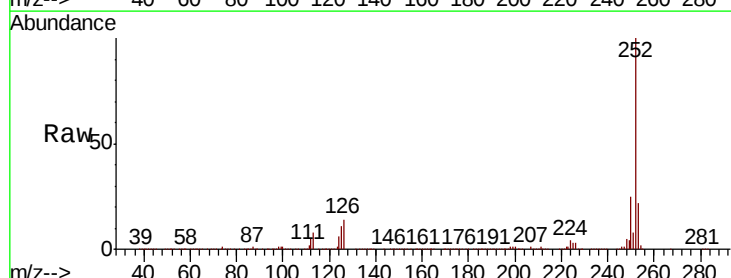
Manual Integrations
APPROVED

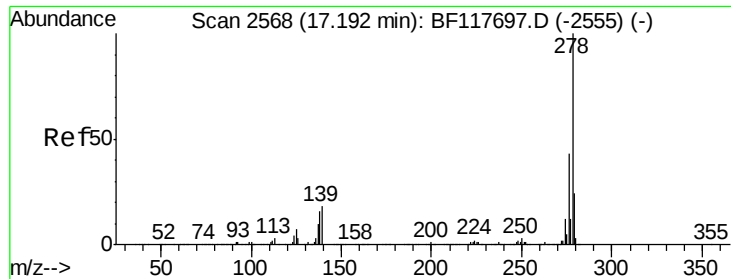
mohammad
11/13/2019 6:48:44 PM



#90
Benzo(a)pyrene
Concen: 37.754 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion:252 Resp: 1507487
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 11.1 9.6 14.4





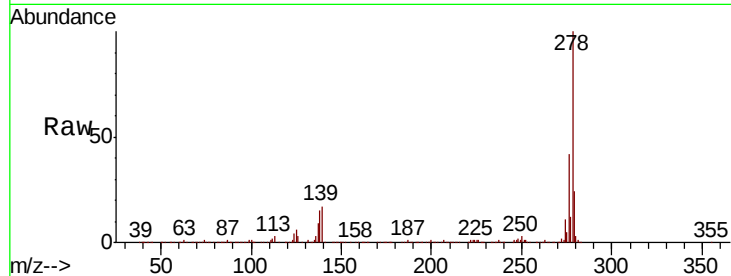
#91
Dibenzo(a,h)anthracene
Concen: 34.728 ng
RT: 17.19 min Scan# 2567
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

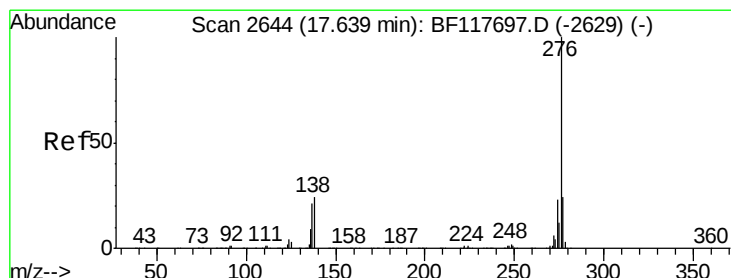
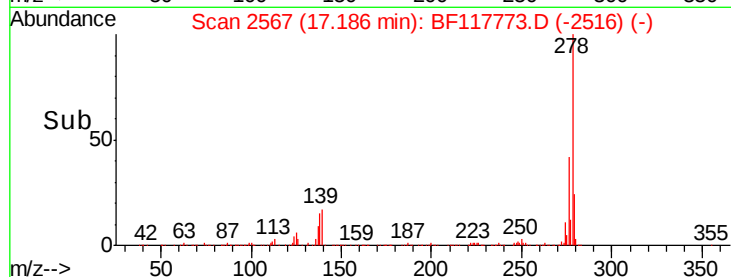
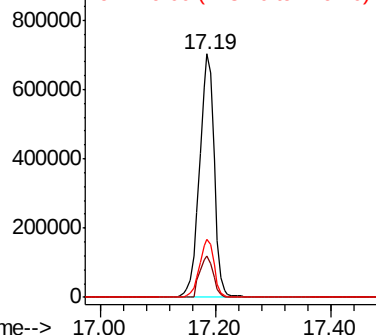
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.8	20.6
279	23.8	19.6	29.4

Manual Integrations
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 32.069 ng
RT: 17.63 min Scan# 2643
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.6
138	22.5	18.6	27.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

