

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117772.D
 Acq On : 12 Nov 2019 20:58
 Operator : JU
 Sample : K5746-07MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMS

Manual Integrations
 APPROVED

mohammad
 11/13/2019 6:48:41 PM

Quant Time: Nov 13 12:18:55 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	263761	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	997113	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	464506	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	745130	20.00	ng	0.00
76) Chrysene-d12	14.12	240	619074	20.00	ng	0.00
87) Perylene-d12	15.63	264	717832	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1783358	122.39	ng	0.02
7) Phenol-d6	6.56	99	2178183	121.23	ng	0.01
23) Nitrobenzene-d5	7.49	82	1398016	82.78	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	531079	116.88	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2443222	103.78	ng	0.00
79) Terphenyl-d14	13.06	244	2246638	74.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.97	88	265659	36.591	ng	# 83
3) Pyridine	3.66	79	435300	21.797	ng	98
4) n-Nitrosodimethylamine	3.59	42	357276	40.597	ng	95
6) Aniline	6.59	93	210462	8.347	ng	97
8) 2-Chlorophenol	6.72	128	716490	44.201	ng	98
9) Benzaldehyde	6.47	77	57417	4.593	ng	99
10) Phenol	6.57	94	813733	42.032	ng	97
11) bis(2-Chloroethyl)ether	6.66	93	673817	42.149	ng	97
12) 1,3-Dichlorobenzene	6.87	146	770652	41.015	ng	99
13) 1,4-Dichlorobenzene	6.95	146	784288	41.698	ng	99
14) 1,2-Dichlorobenzene	7.10	146	739325	42.691	ng	100
15) Benzyl Alcohol	7.06	79	622818	43.476	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	964706	38.166	ng	99
17) 2-Methylphenol	7.17	107	600877	43.161	ng	99
18) Hexachloroethane	7.45	117	275402	39.612	ng	98
19) n-Nitroso-di-n-propylamine	7.34	70	466865	39.520	ng	99
20) 3+4-Methylphenols	7.33	107	716089	43.197	ng	93
22) Acetophenone	7.34	105	946793	41.545	ng	99
24) Nitrobenzene	7.51	77	749471	42.497	ng	98
25) Isophorone	7.75	82	1290948	39.964	ng	100
26) 2-Nitrophenol	7.83	139	367812	44.924	ng	98
27) 2,4-Dimethylphenol	7.86	122	625746	45.326	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	808247	38.979	ng	100
29) 2,4-Dichlorophenol	8.07	162	593281	41.713	ng	95
30) 1,2,4-Trichlorobenzene	8.15	180	666399	40.928	ng	98
31) Naphthalene	8.24	128	2041488	44.793	ng	99
32) Benzoic acid	7.97	122	424730	38.866	ng	98
33) 4-Chloroaniline	8.28	127	89147	4.210	ng	99
34) Hexachlorobutadiene	8.35	225	371241	39.815	ng	97
35) Caprolactam	8.64	113	157675m	33.447	ng	
36) 4-Chloro-3-methylphenol	8.76	107	585285	40.780	ng	98
37) 2-Methylnaphthalene	8.93	142	1334896	43.023	ng	99
38) 1-Methylnaphthalene	9.03	142	1249518	42.407	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	593603	46.712	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	297872	43.449	nq	98
43) 2,4,6-Trichlorophenol	9.20	196	414598	44.796	nq	97
44) 2,4,5-Trichlorophenol	9.25	196	416212	44.366	nq	99
46) 1,1'-Biphenyl	9.39	154	1550272	47.654	nq	99
47) 2-Chloronaphthalene	9.42	162	1209476	44.800	nq	99
48) 2-Nitroaniline	9.51	65	337490	39.891	nq	98
49) Acenaphthylene	9.84	152	1804891	45.907	nq	98
50) Dimethylphthalate	9.69	163	1362655	43.394	nq	99
51) 2,6-Dinitrotoluene	9.75	165	302156	42.971	nq	88
52) Acenaphthene	10.01	154	1122995	44.265	nq	99
53) 3-Nitroaniline	9.92	138	131942	15.553	nq	97
54) 2,4-Dinitrophenol	10.03	184	140447	58.260	nq	97
55) Dibenzofuran	10.18	168	1557389	43.870	nq	100
56) 4-Nitrophenol	10.07	139	487720	76.446	nq	91
57) 2,4-Dinitrotoluene	10.16	165	367080	40.695	nq	95
58) Fluorene	10.53	166	1119384	42.783	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	321514	41.228	nq	99
60) Diethylphthalate	10.40	149	1269237	41.099	nq	100
61) 4-Chlorophenyl-phenylether	10.52	204	575058	42.221	nq	99
62) 4-Nitroaniline	10.53	138	248971	29.818	nq	98
63) Azobenzene	10.68	77	1147318	39.225	nq	98
65) 4,6-Dinitro-2-methylphenol	10.56	198	101980	34.275	nq	89
66) n-Nitrosodiphenylamine	10.63	169	1011088	45.943	nq	99
67) 4-Bromophenyl-phenylether	11.01	248	348823	42.865	nq	98
68) Hexachlorobenzene	11.07	284	393917	41.903	nq	# 92
69) Atrazine	11.16	200	264760	36.508	nq	98
70) Pentachlorophenol	11.27	266	430346	81.889	nq	98
71) Phenanthrene	11.49	178	1595478	44.672	nq	99
72) Anthracene	11.54	178	1603258	45.120	nq	98
73) Carbazole	11.70	167	1401650	43.151	nq	99
74) Di-n-butylphthalate	12.03	149	1702987	43.116	nq	98
75) Fluoranthene	12.69	202	1614847	44.280	nq	98
77) Benzidine	12.80	184	136009	6.319	nq	97
78) Pyrene	12.92	202	1654974	36.621	nq	98
80) Butylbenzylphthalate	13.53	149	723793	34.674	nq	97
81) Benzo(a)anthracene	14.11	228	1652833	42.892	nq	99
82) 3,3'-Dichlorobenzidine	14.07	252	435493	30.259	nq	97
83) Chrysene	14.14	228	1596819	41.961	nq	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	977118	36.288	nq	98
85) Di-n-octyl phthalate	14.72	149	1823667	43.040	nq	99
86) Indeno(1,2,3-cd)pyrene	17.17	276	1508583	42.592	nq	99
88) Benzo(b)fluoranthene	15.18	252	1849373	40.906	nq	99
89) Benzo(k)fluoranthene	15.22	252	1712301	42.465	nq	98
90) Benzo(a)pyrene	15.57	252	1566700	39.975	nq	99
91) Dibenzo(a,h)anthracene	17.19	278	1288689	36.663	nq	97
92) Benzo(g,h,i)perylene	17.63	276	1186706	34.837	nq	99

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

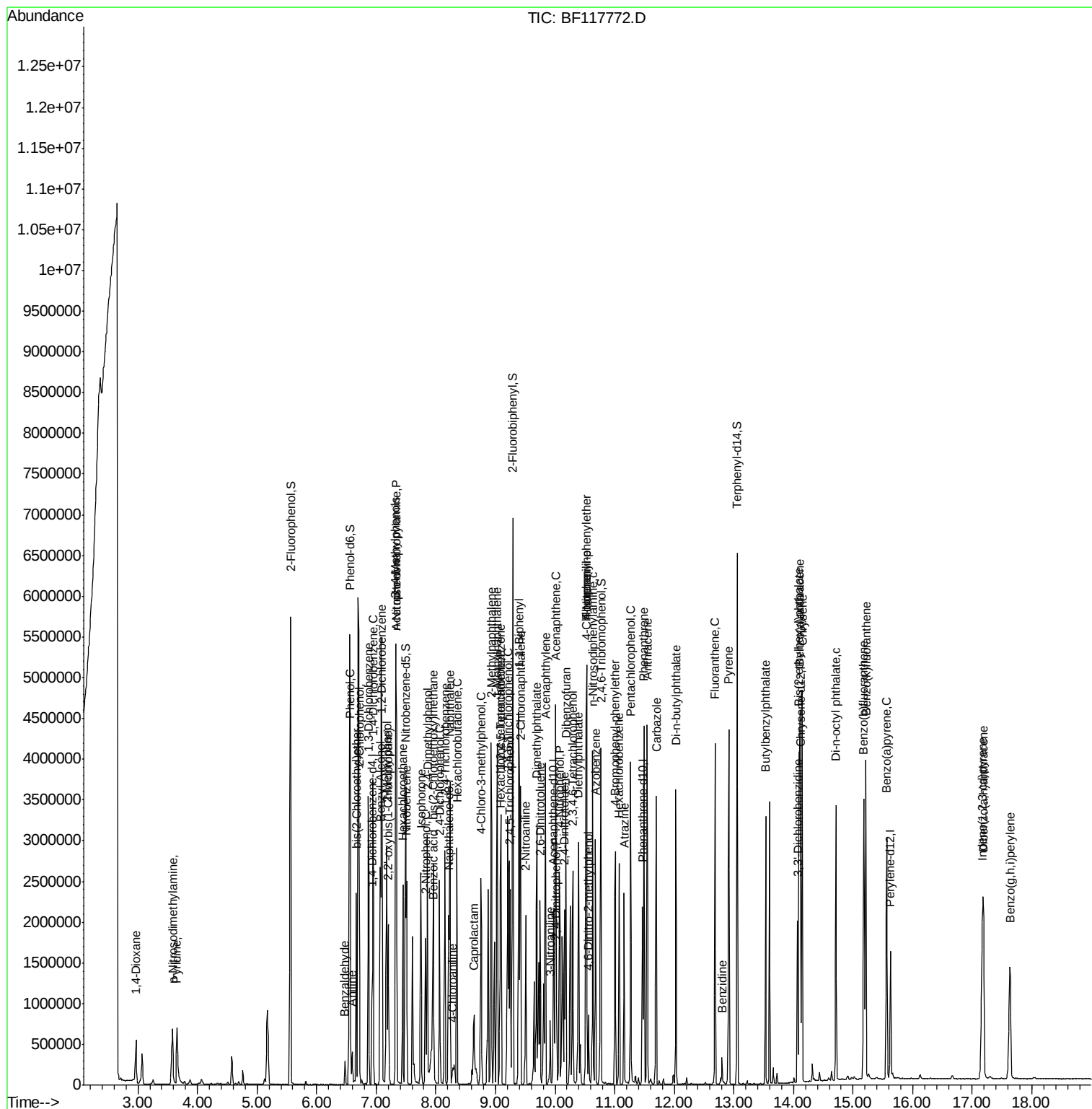
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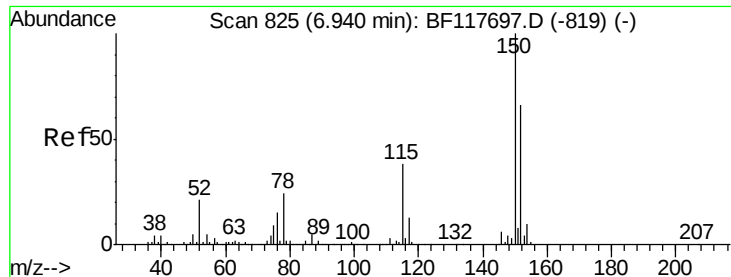
Instrument :
BNA_F
ClientSampled :
TP-1A-COMPMS

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#1

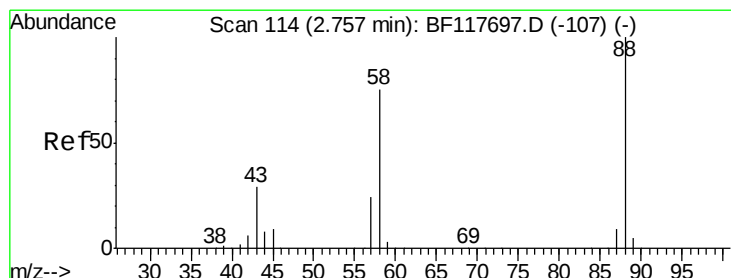
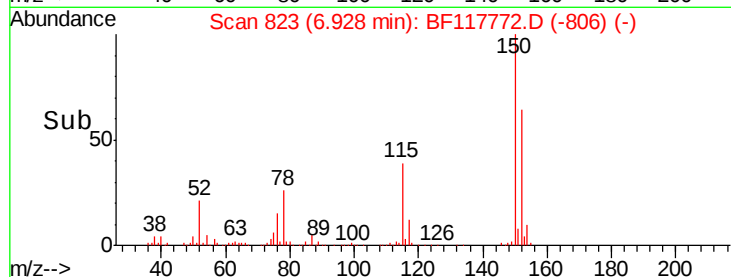
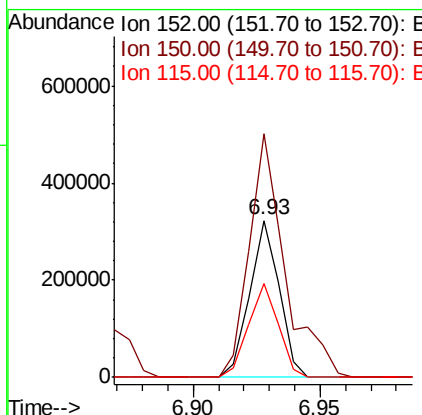
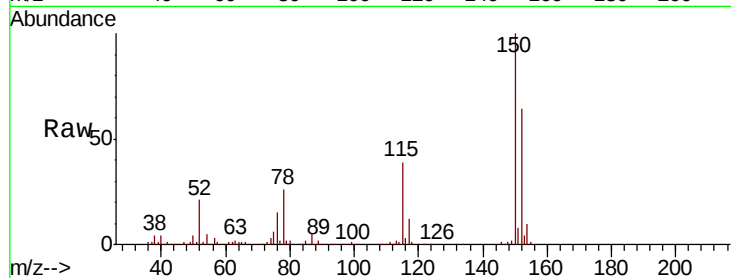
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.6	190.0
115	60.3	47.6	71.4

Manual Integrations
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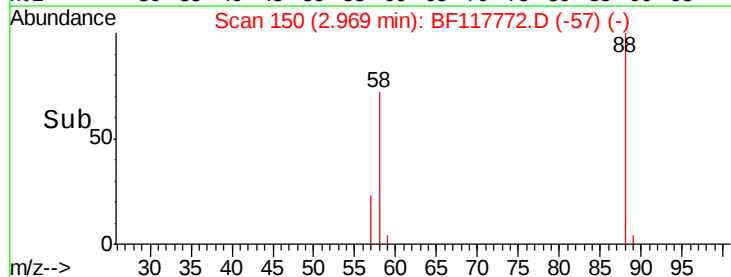
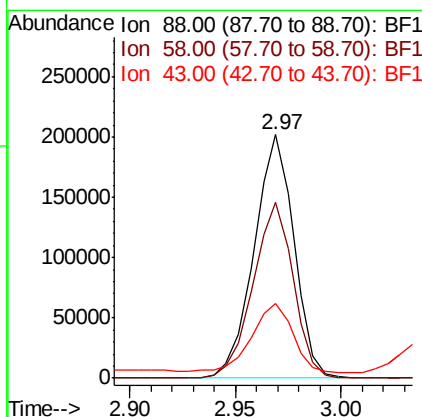
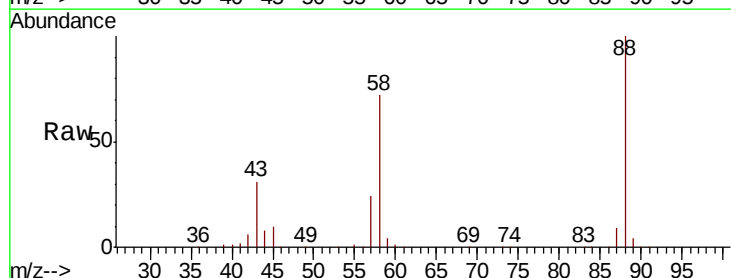
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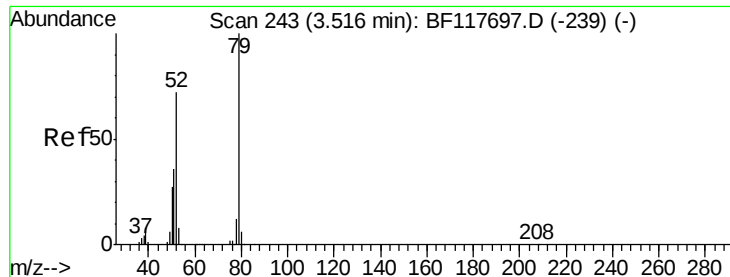


#2

1,4-Dioxane
Concen: 36.591 ng
RT: 2.97 min Scan# 150
Delta R.T. 0.25 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

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





#3

Pvridine

Concen: 21.797 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.16 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

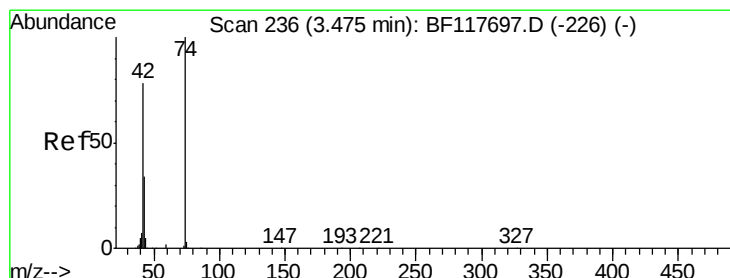
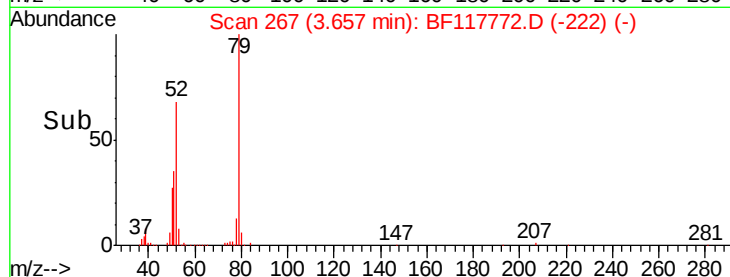
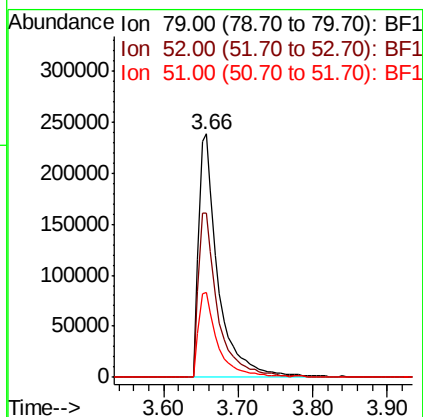
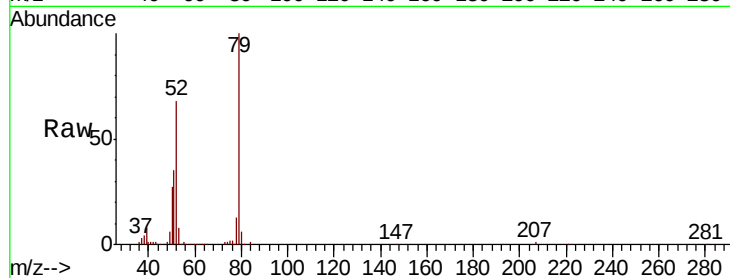
ClientSampleId :

TP-1A-COMPMS

Tot Ion:	79	Resp:	435300
Ion Ratio	Lower	Upper	
79	100		
52	67.7	55.6	83.4
51	35.0	27.7	41.5

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#4

n-Nitrosodimethylamine

Concen: 40.597 ng

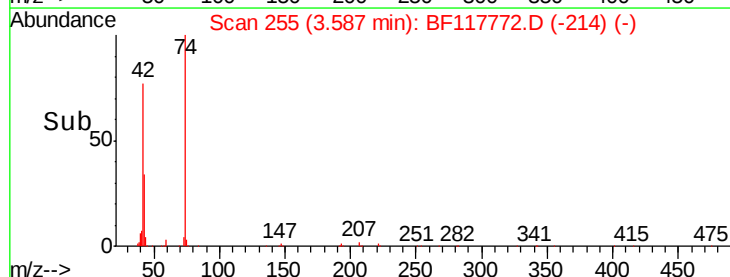
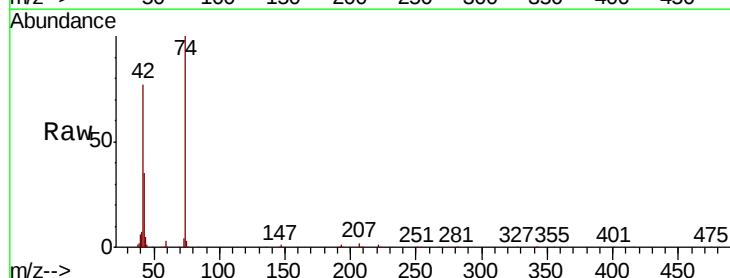
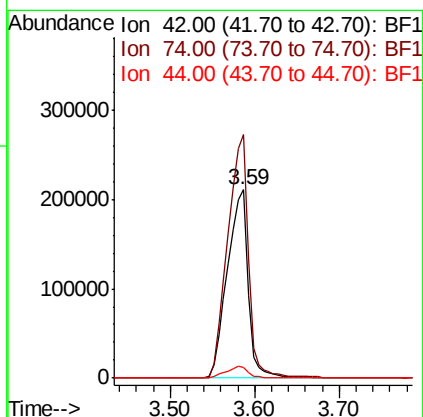
RT: 3.59 min Scan# 255

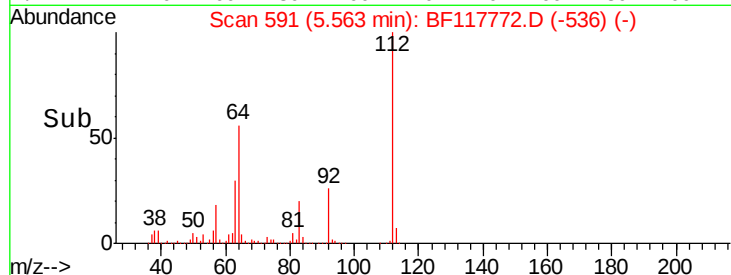
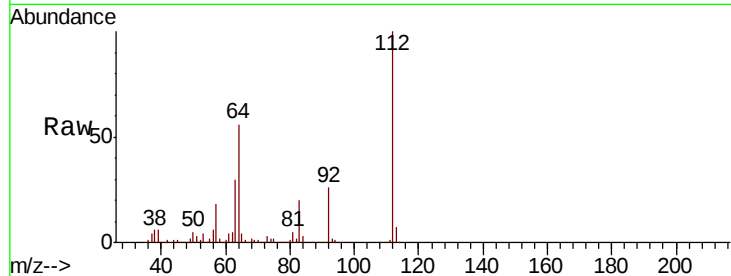
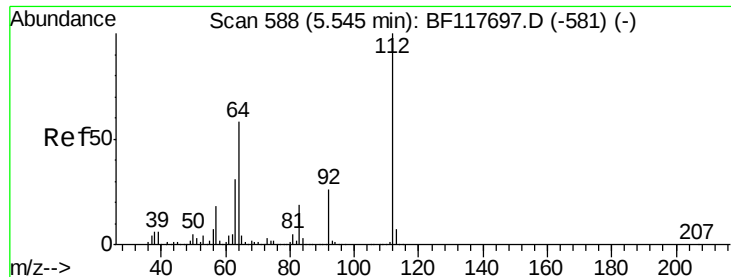
Delta R.T. 0.14 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Tgt Ion:	42	Resp:	357276
Ion Ratio	Lower	Upper	
42	100		
74	129.2	108.5	162.7
44	5.9	5.0	7.6





#5

2-Fluorophenol

Concen: 122.389 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.02 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Tot Ion:	112	Resp:	1783358
Ion	Ratio	Lower	Upper
112	100		
64	55.8	43.5	65.3
63	30.2	23.5	35.3

Instrument :

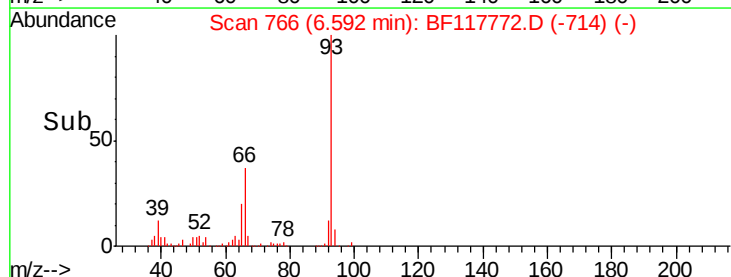
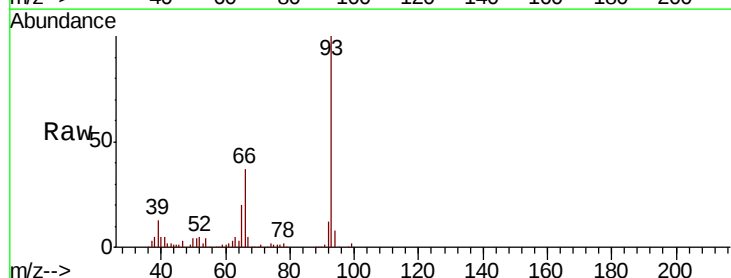
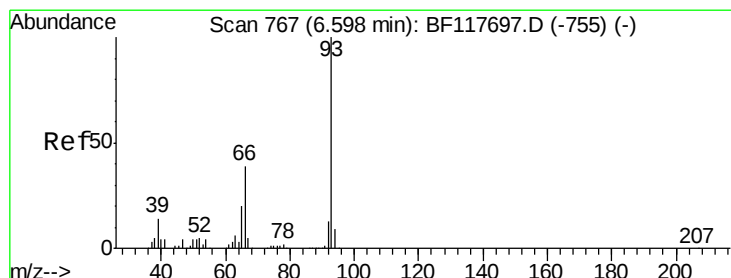
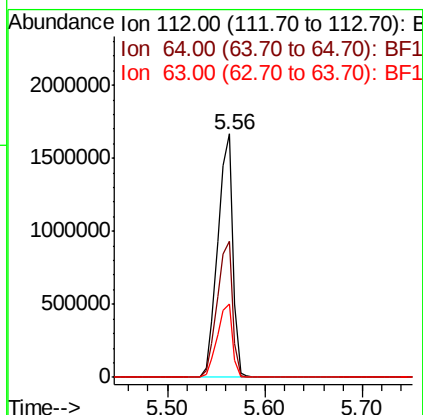
BNA_F

ClientSampleId :

TP-1A-COMPMS

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#6

Aniline

Concen: 8.347 ng

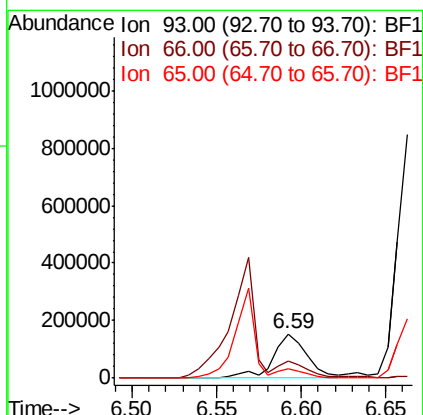
RT: 6.59 min Scan# 766

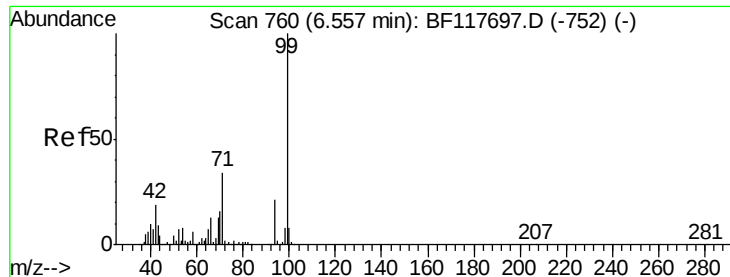
Delta R.T. 0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Tgt Ion:	93	Resp:	210462
Ion	Ratio	Lower	Upper
93	100		
66	37.3	31.8	47.6
65	19.9	16.2	24.2





#7

Phenol-d6

Concen: 121.234 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

Tot Ion: 99 Resp: 2178183

Ion Ratio Lower Upper

99 100

42 19.2 15.3 22.9

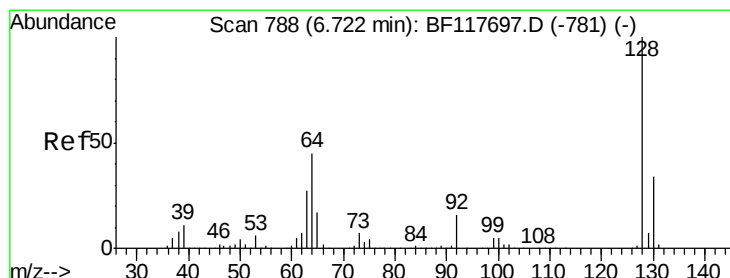
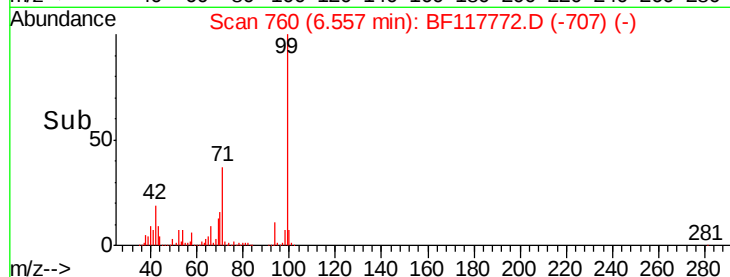
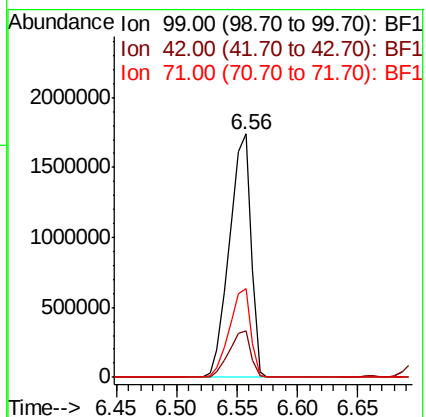
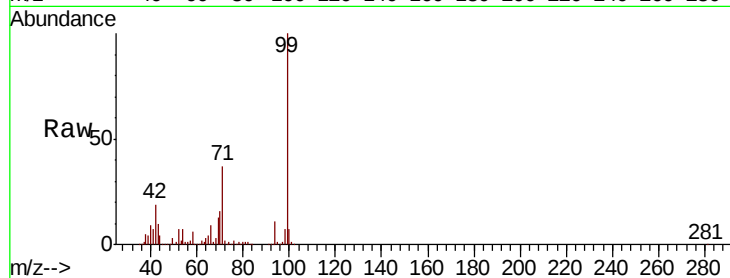
71 36.5 28.2 42.2

Manual Integrations

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#8

2-Chlorophenol

Concen: 44.201 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

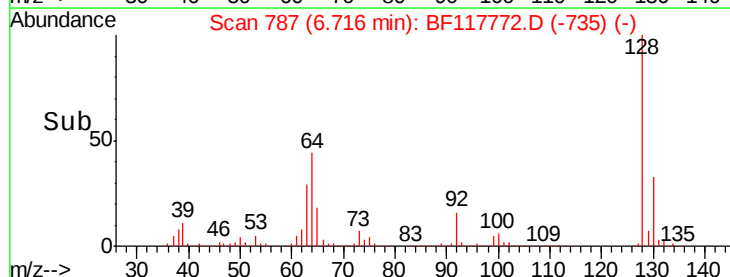
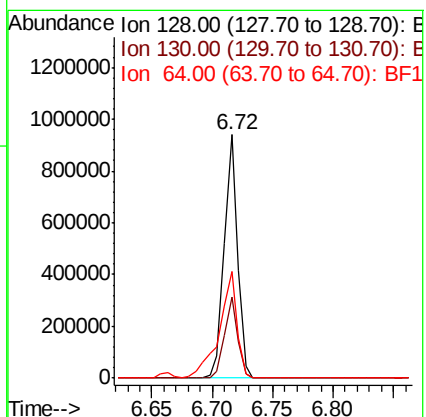
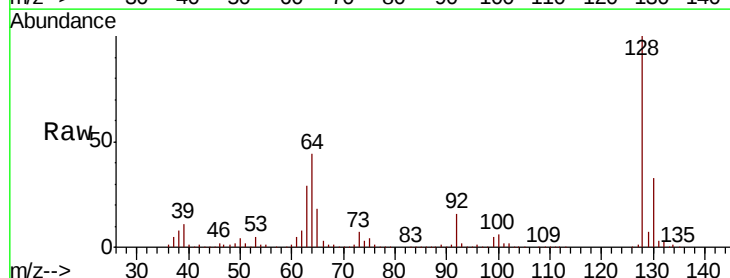
Tgt Ion: 128 Resp: 716490

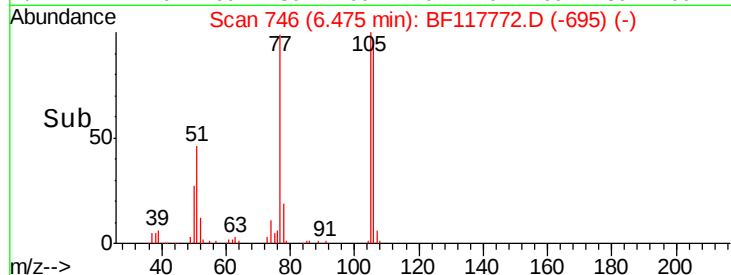
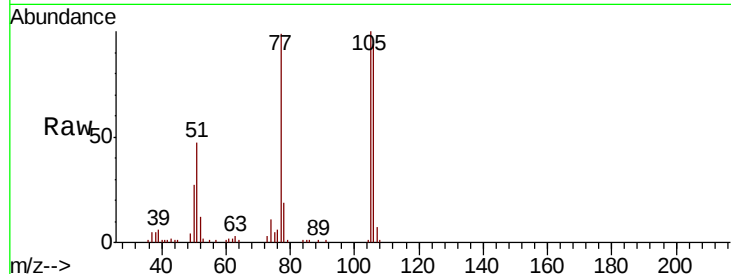
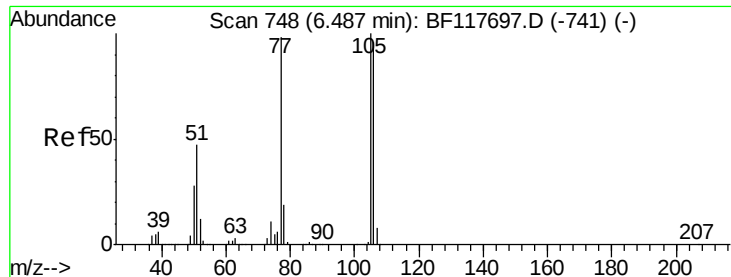
Ion Ratio Lower Upper

128 100

130 33.1 12.4 52.4

64 43.9 26.1 66.1





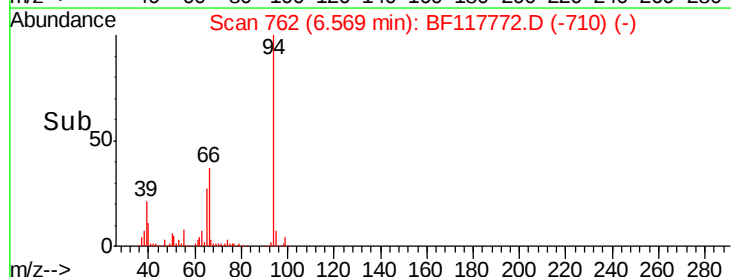
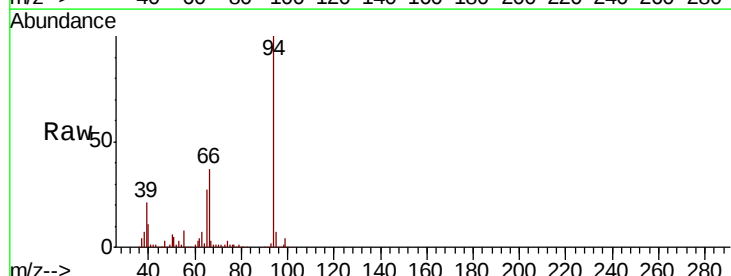
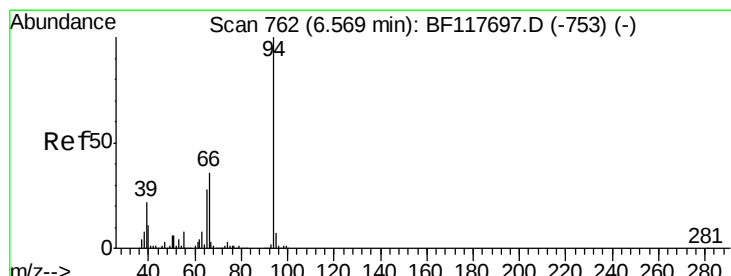
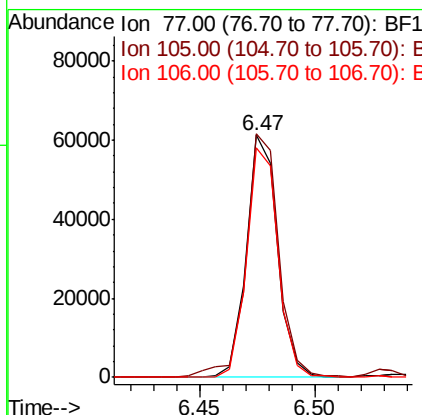
#9
Benzaldehyde
Concen: 4.593 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.7	81.2	121.2
106	94.7	76.4	116.4

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

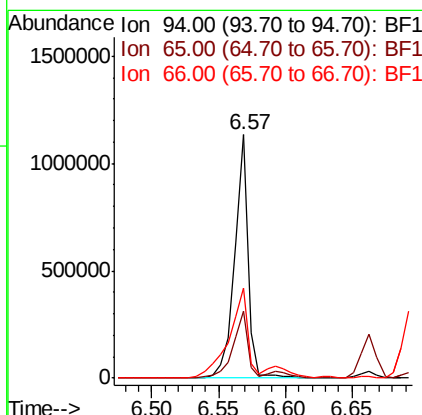
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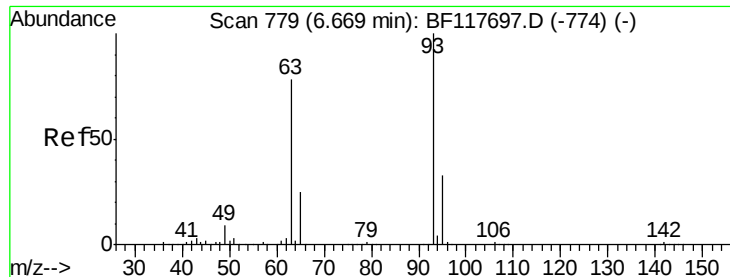
mohammad
11/13/2019 6:48:41 PM



#10
Phenol
Concen: 42.032 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.01 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.5	6.4	46.4
66	37.0	14.9	54.9





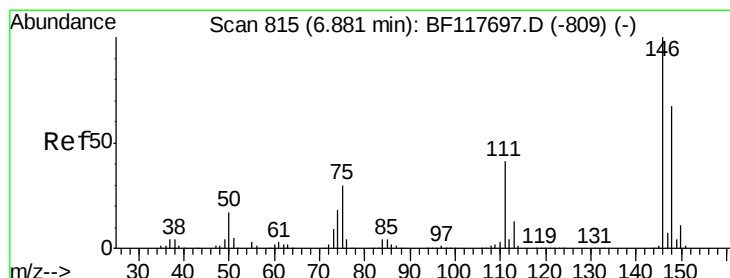
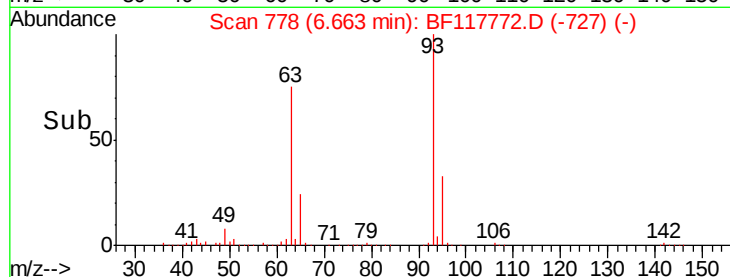
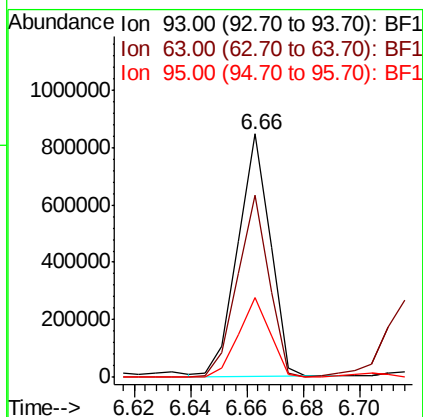
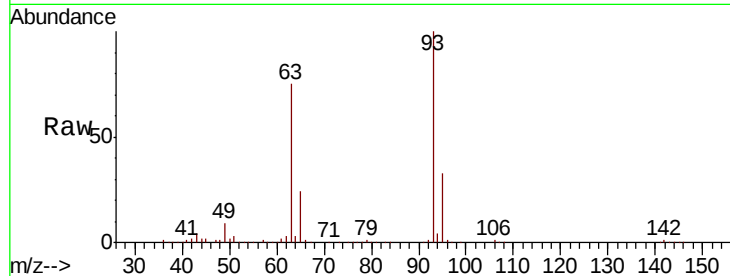
#11
bis(2-Chloroethyl)ether
Concen: 42.149 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.0	51.6	91.6
95	32.5	13.1	53.1

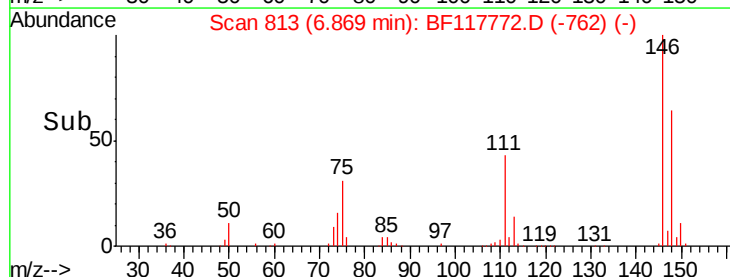
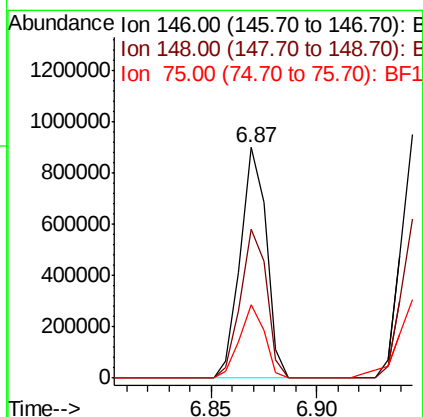
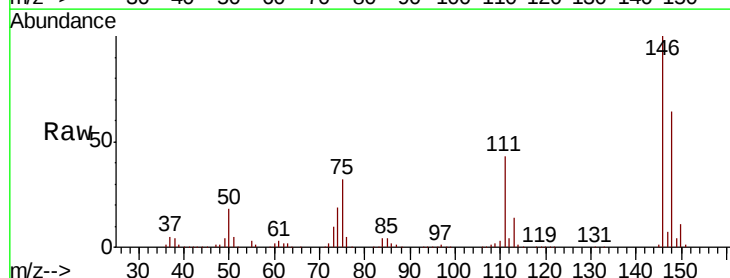
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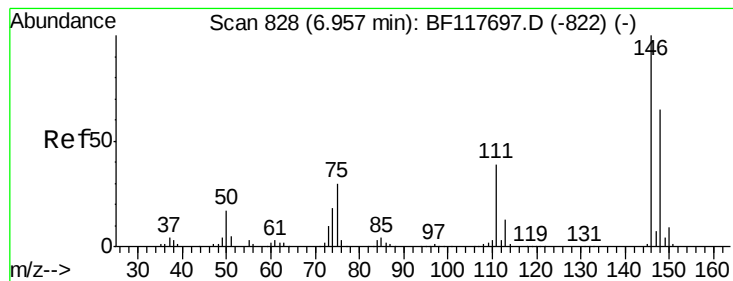
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.015 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.3	76.9
75	32.0	24.8	37.2





#13

1,4-Dichlorobenzene

Concen: 41.698 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

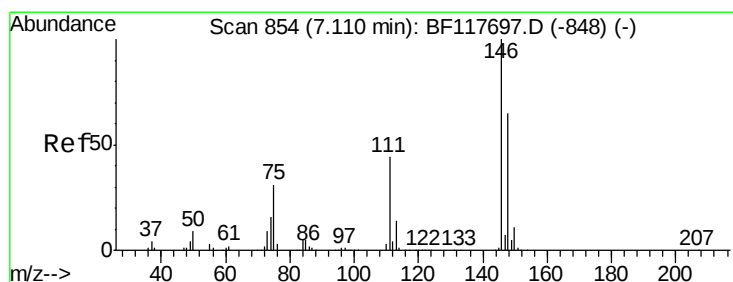
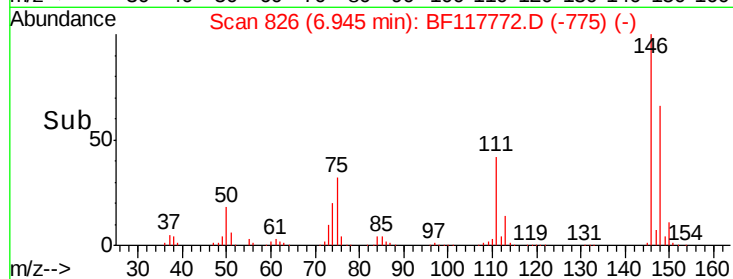
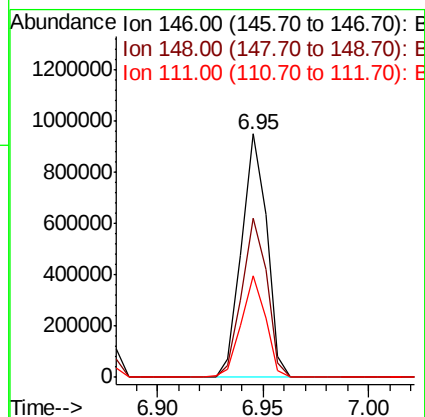
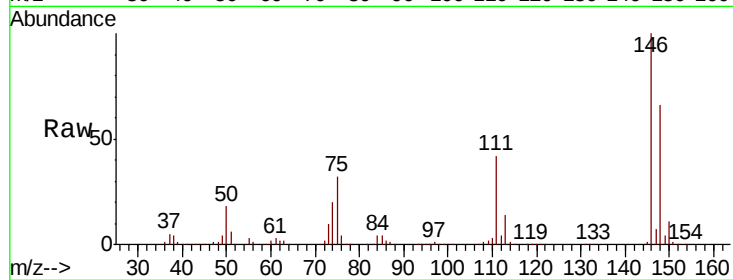
ClientSampleId :

TP-1A-COMPMS

Tot Ion:	146	Resp:	784288
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.8	77.6
111	41.6	33.3	49.9

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#14

1,2-Dichlorobenzene

Concen: 42.691 ng

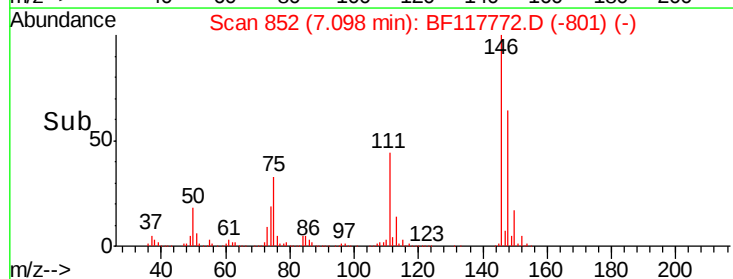
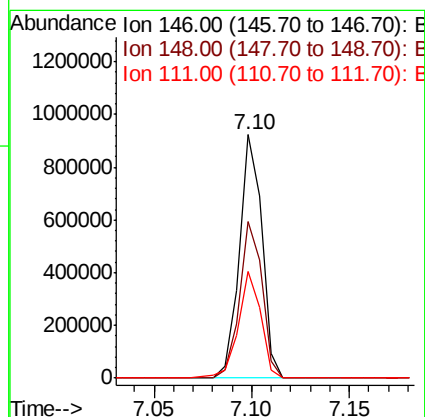
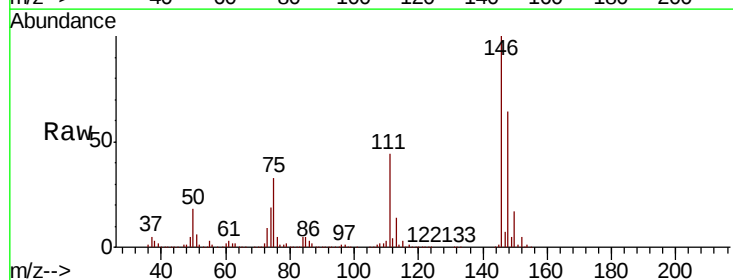
RT: 7.10 min Scan# 852

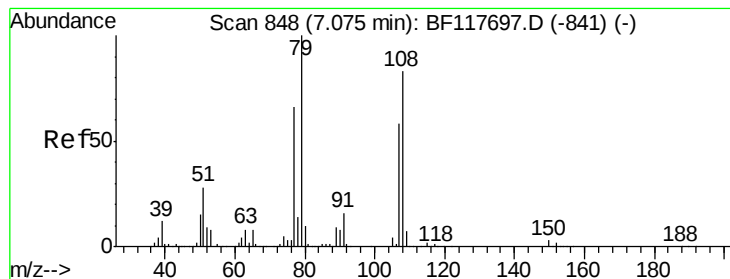
Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Tgt Ion:	146	Resp:	739325
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.3	76.9
111	43.9	35.2	52.8





#15

Benzyl Alcohol

Concen: 43.476 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

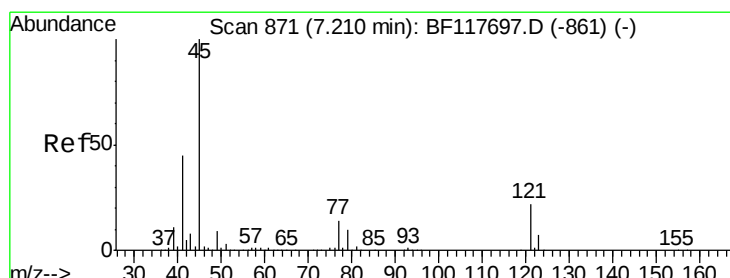
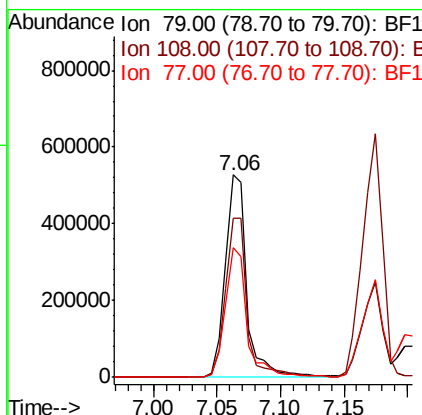
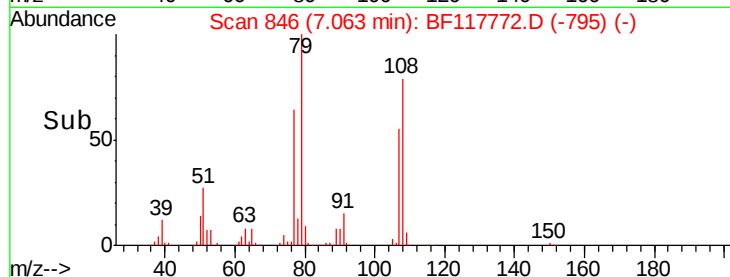
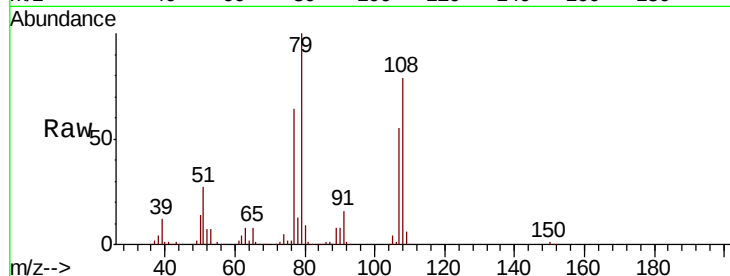
ClientSampleId :

TP-1A-COMPMS

Tot Ion:	79	Resp:	622818
Ion Ratio	Lower	Upper	
79	100		
108	78.6	64.1	96.1
77	64.2	51.6	77.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.166 ng

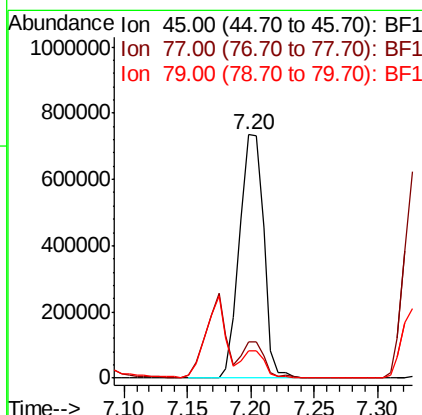
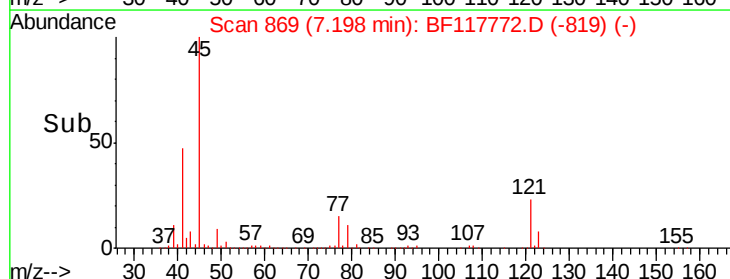
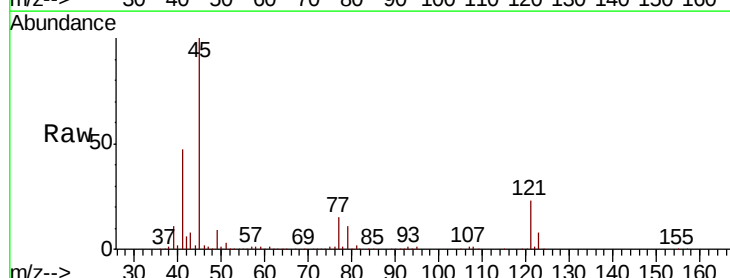
RT: 7.20 min Scan# 869

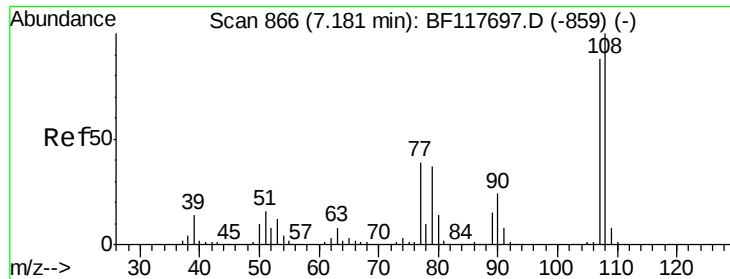
Delta R.T. -0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Tgt Ion:	45	Resp:	964706
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	34.6
79	11.0	0.0	31.3





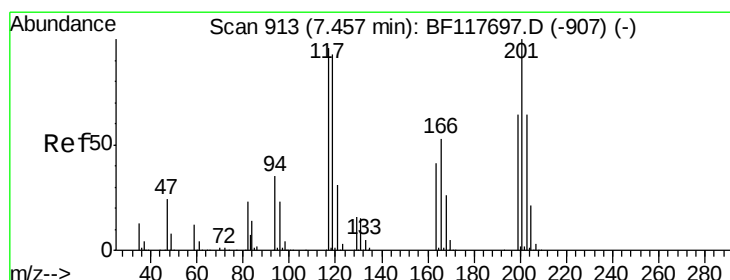
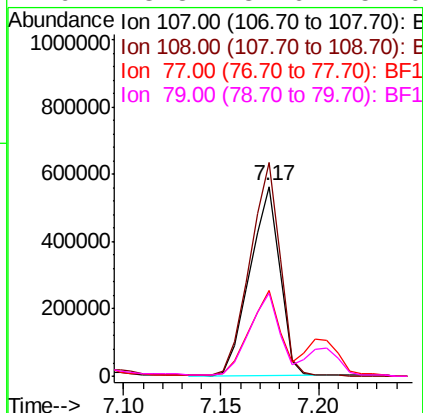
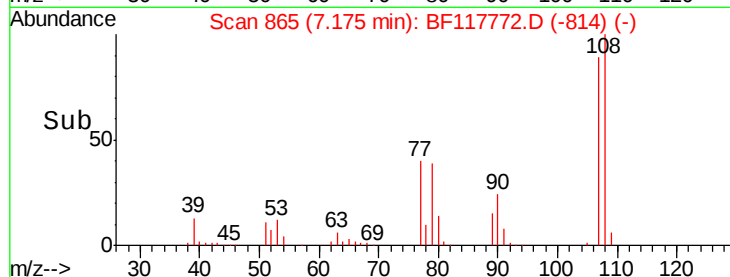
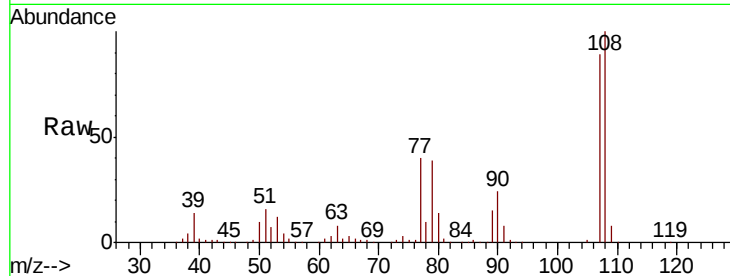
#17
2-Methylphenol
Concen: 43.161 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		600877		
108	112.6	90.7	136.1		
77	45.3	35.3	52.9		
79	43.8	34.6	52.0		

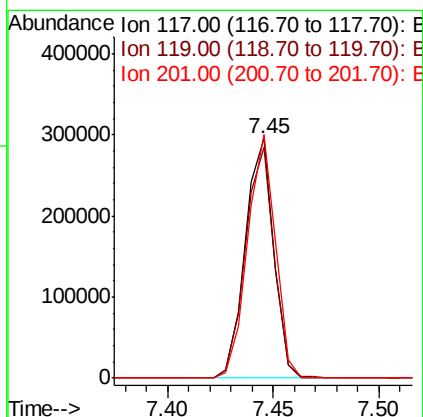
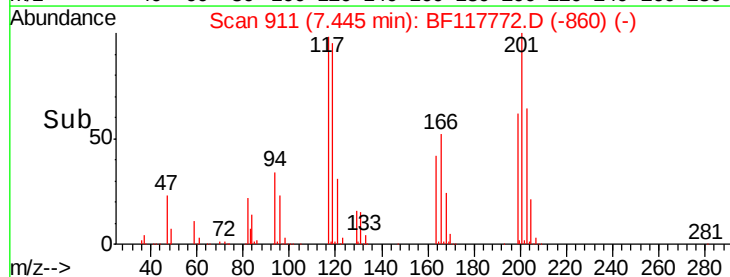
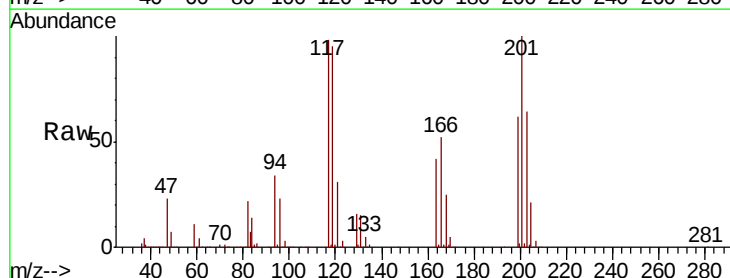
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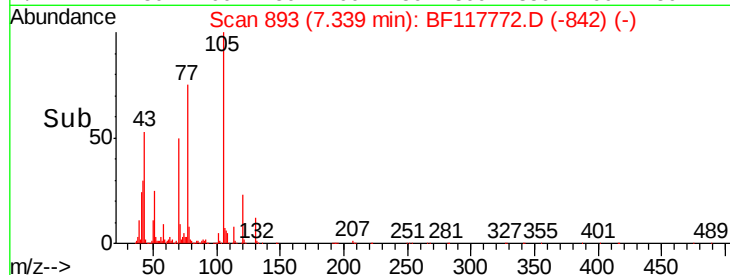
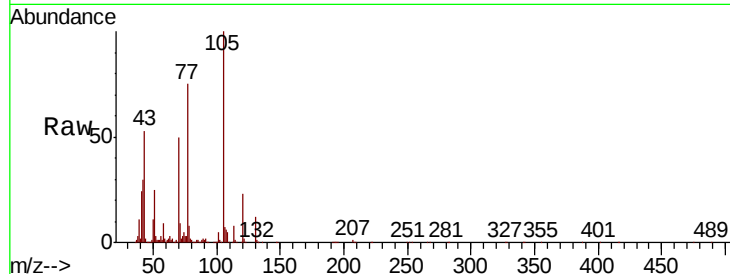
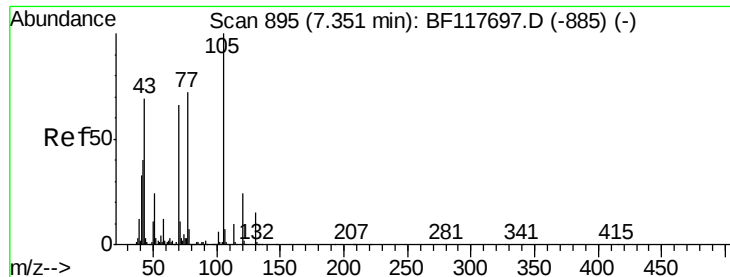
mohammad
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#18
Hexachloroethane
Concen: 39.612 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		275402		
119	96.3	77.4	116.0		
201	101.7	78.4	117.6		





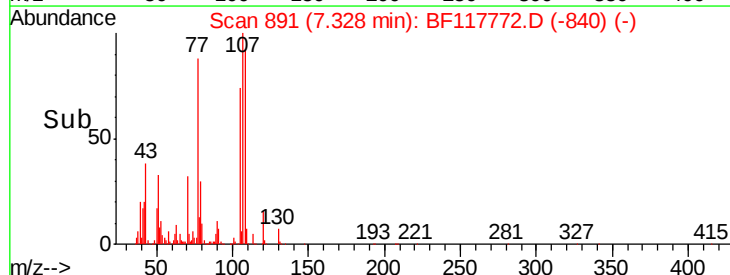
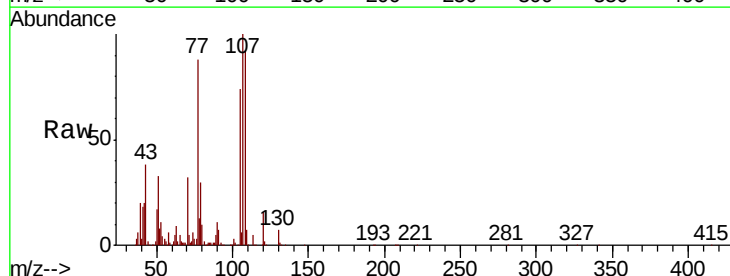
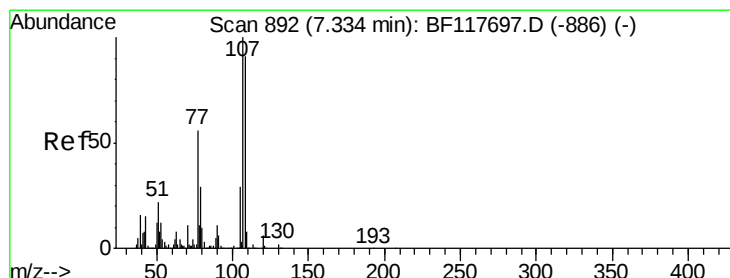
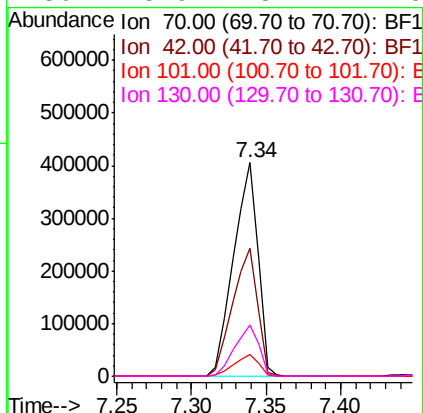
#19
n-Nitroso-di-n-propylamine
Concen: 39.520 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

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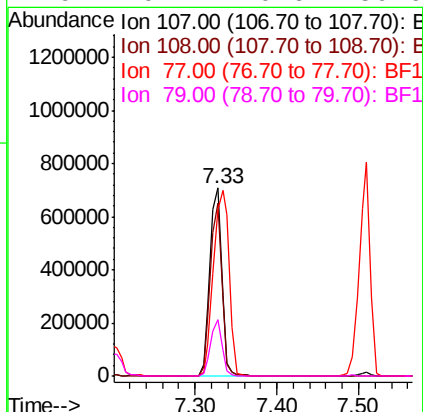
mohammad
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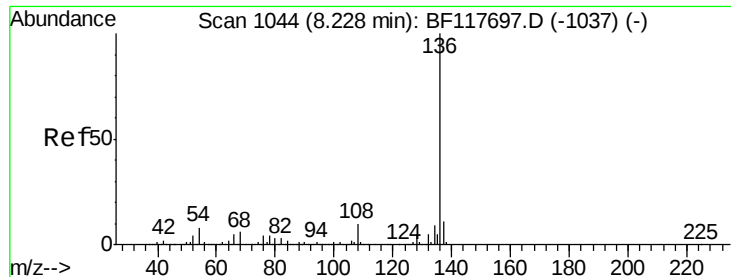
Tot Ion	Ratio	Lower	Upper
70	100		
42	60.1	48.7	73.1
101	10.3	8.4	12.6
130	23.9	18.4	27.6



#20
3+4-Methylphenols
Concen: 43.197 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.0	72.4	112.4
77	88.4	52.8	92.8
79	29.7	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: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

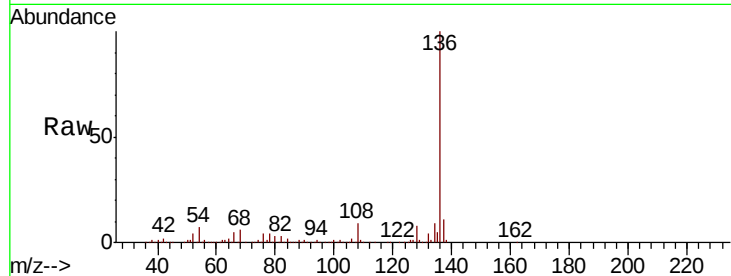
ClientSampleId :

TP-1A-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	997113		
137	11.1	9.0	13.6	
54	7.3	6.1	9.1	
68	5.6	4.6	7.0	

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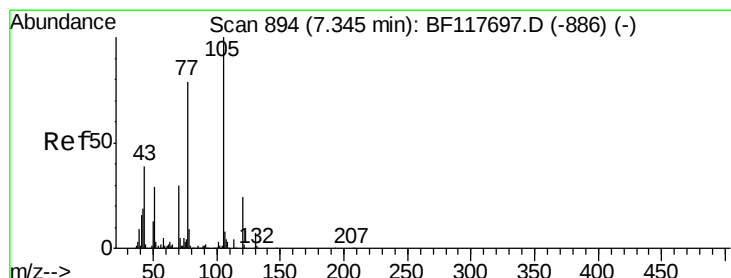
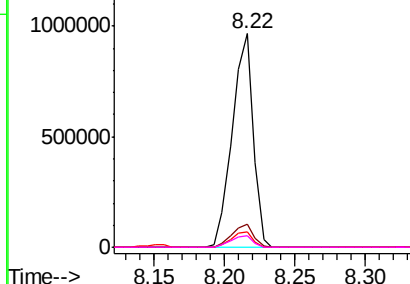
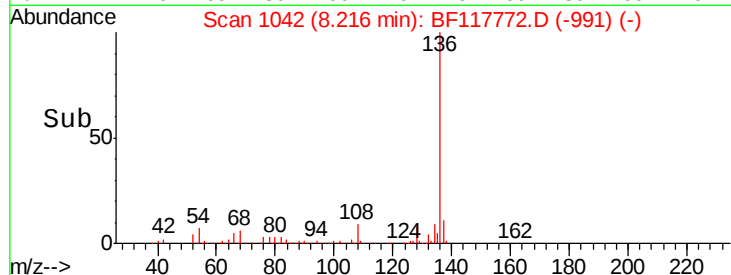
Abundance

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: 41.545 ng

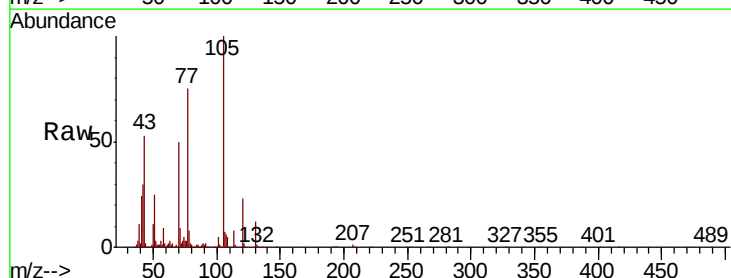
RT: 7.34 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	946793		
71	8.7	6.1	9.1	
51	25.3	20.6	31.0	
120	23.1	18.8	28.2	



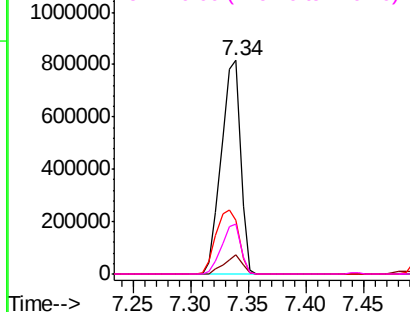
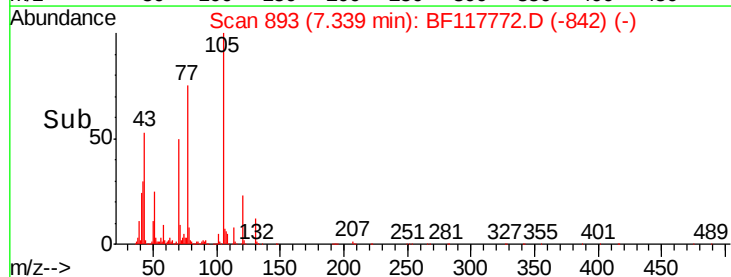
Abundance

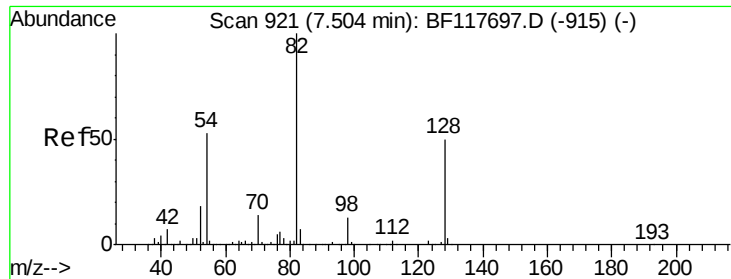
Ion 105.00 (104.70 to 105.70): E

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





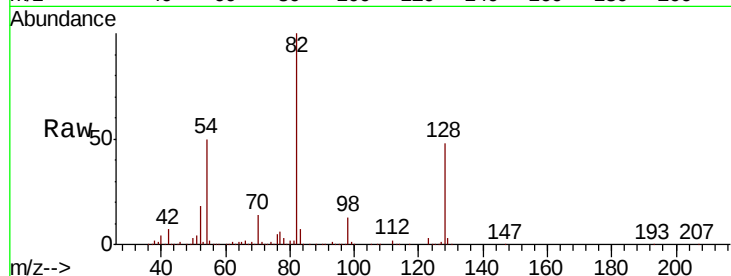
#23
Nitrobenzene-d5
Concen: 82.776 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	38.7	58.1
54	50.3	41.4	62.2

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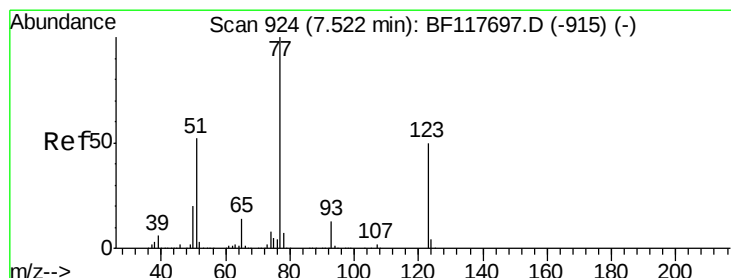
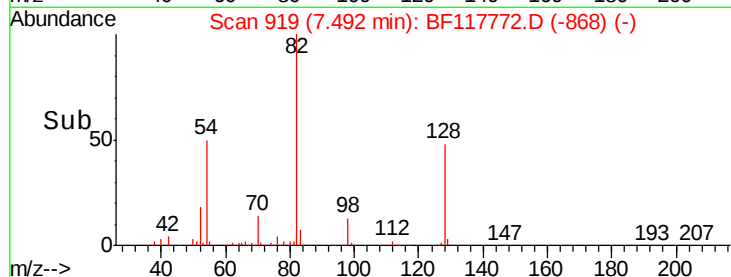
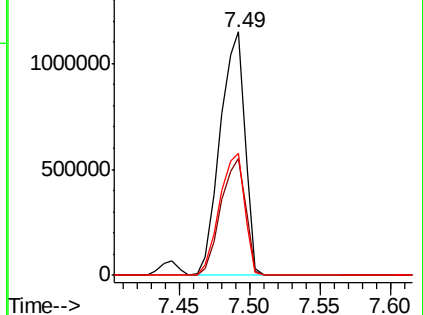


Abundance

Ion 82.00 (81.70 to 82.70): BF1

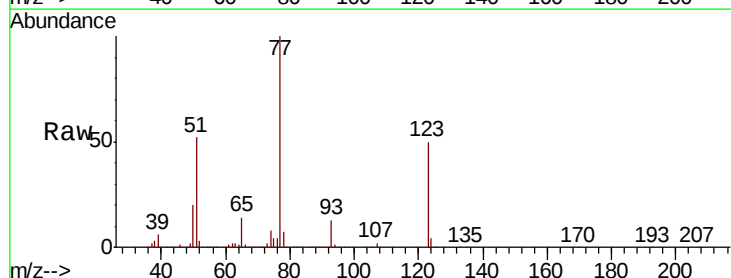
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 42.497 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	38.5	57.7
65	13.9	10.8	16.2

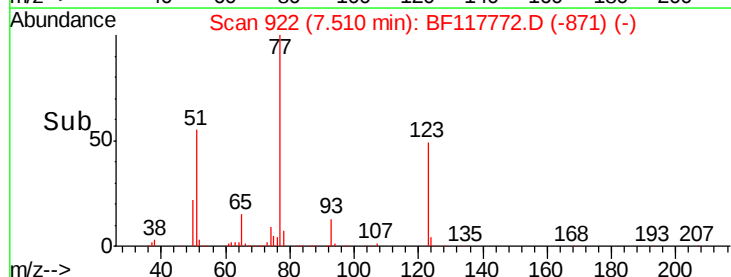
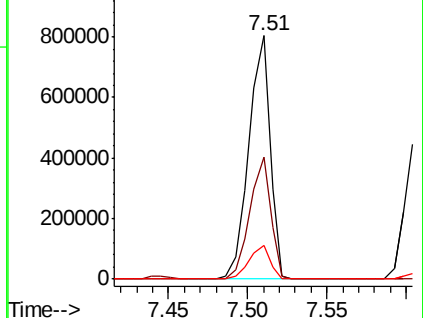


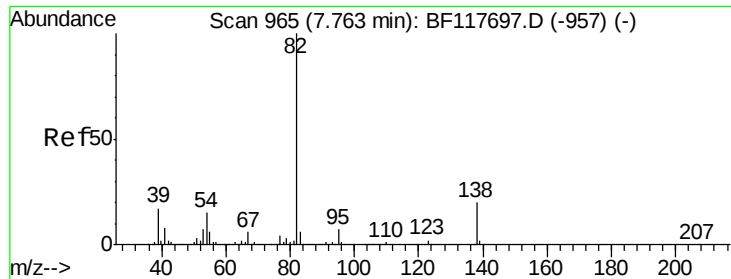
Abundance

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: 39.964 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

Tot Ion: 82 Resp: 1290948

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

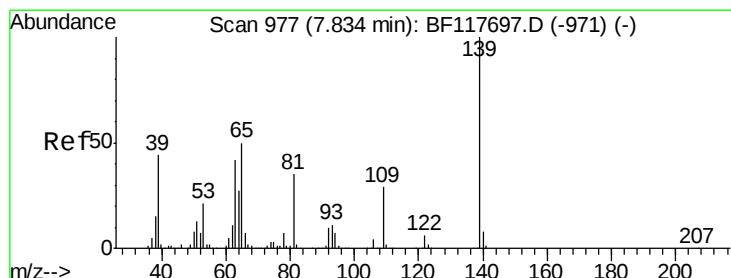
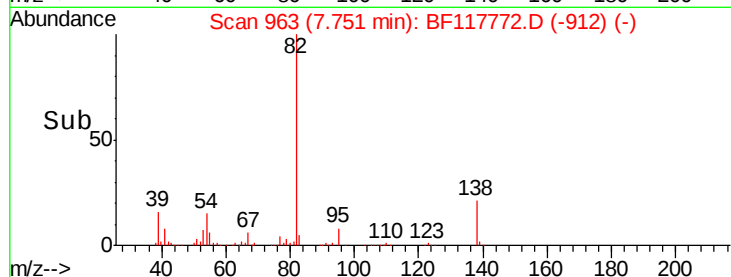
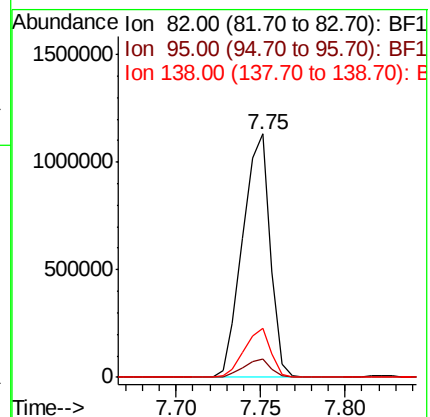
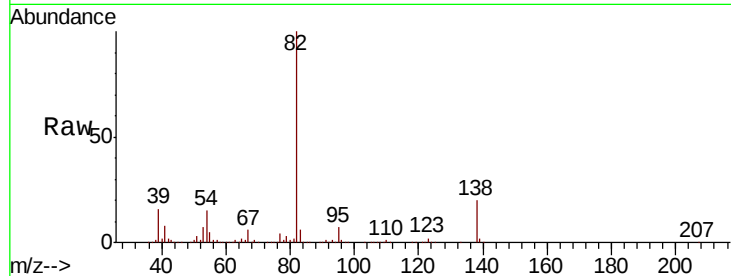
138 20.1 16.0 24.0

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#26

2-Nitrophenol

Concen: 44.924 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

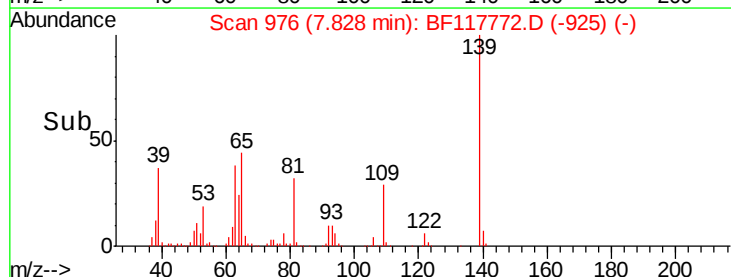
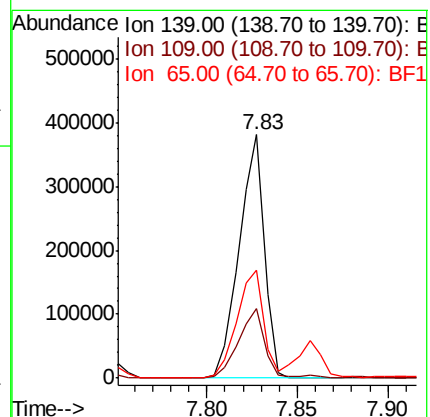
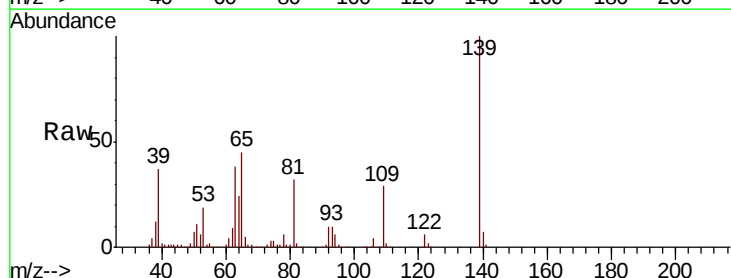
Tgt Ion: 139 Resp: 367812

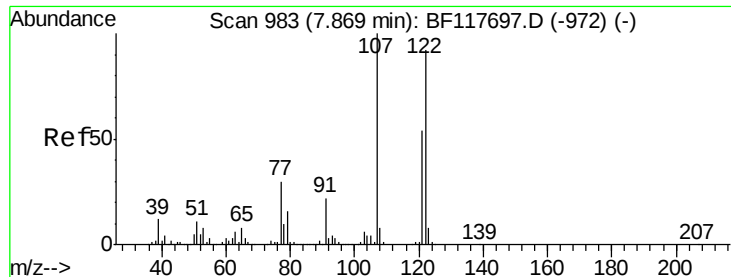
Ion Ratio Lower Upper

139 100

109 28.8 22.3 33.5

65 44.5 37.0 55.6





#27

2,4-Dimethylphenol

Concen: 45.326 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

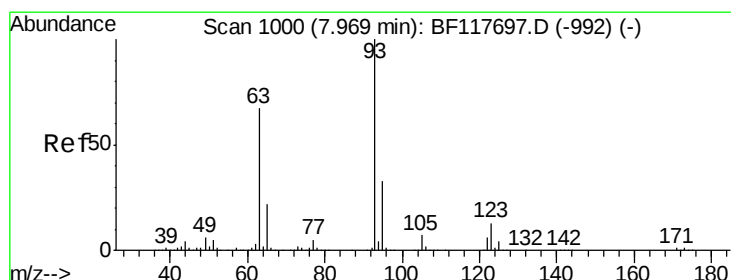
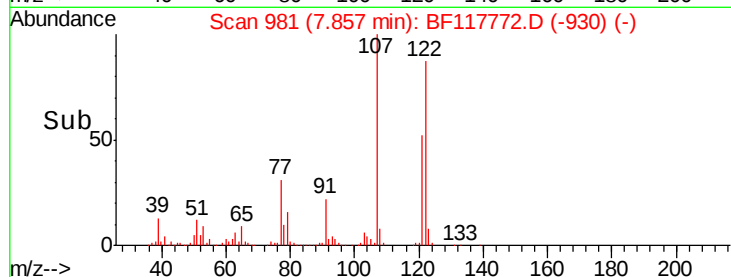
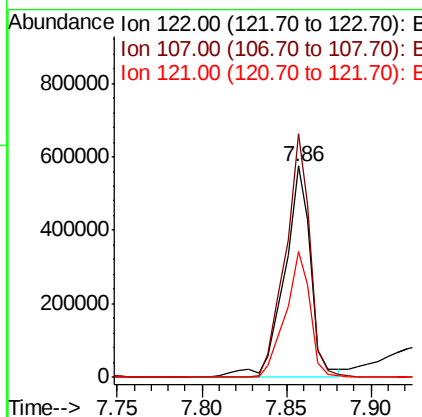
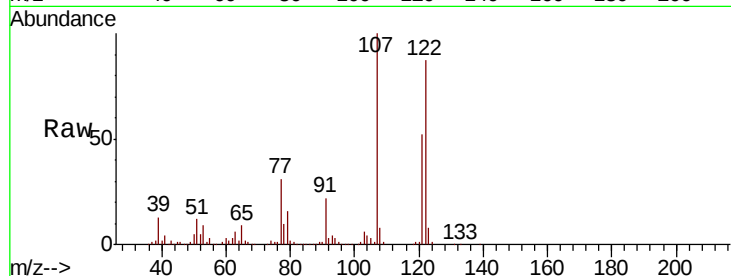
ClientSampleId :

TP-1A-COMPMS

Tot Ion:	122	Resp:	625746
Ion Ratio	Lower	Upper	
122	100		
107	115.3	89.8	134.6
121	59.6	47.3	70.9

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#28

bis(2-Chloroethoxy)methane

Concen: 38.979 ng

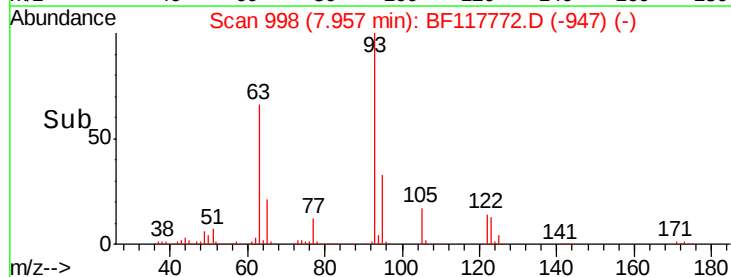
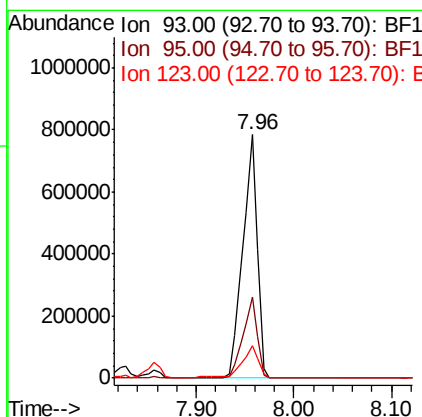
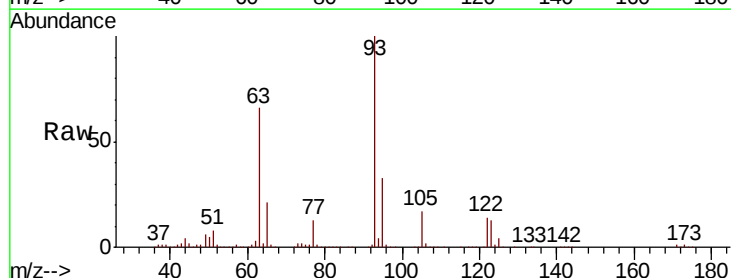
RT: 7.96 min Scan# 998

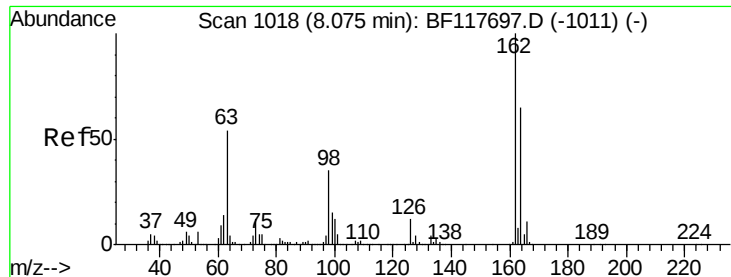
Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Tgt Ion:	93	Resp:	808247
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.6	39.8
123	13.1	10.5	15.7





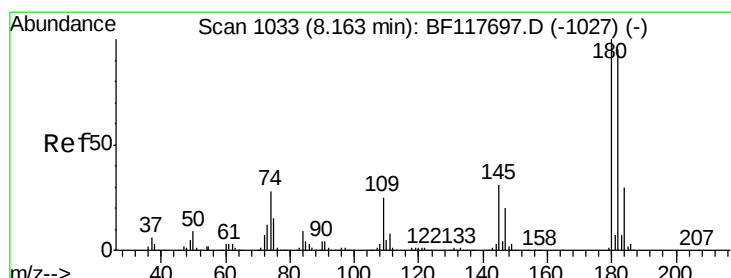
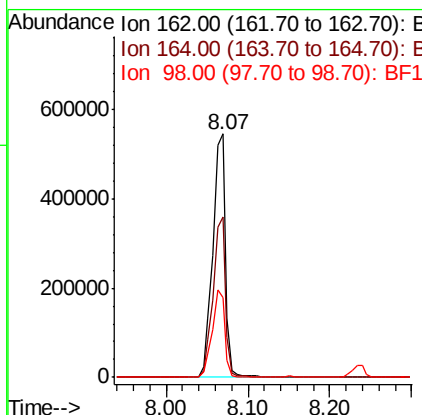
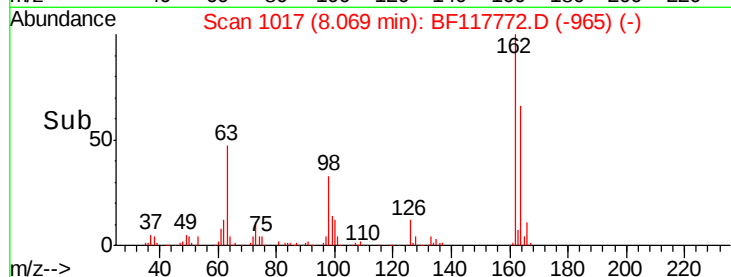
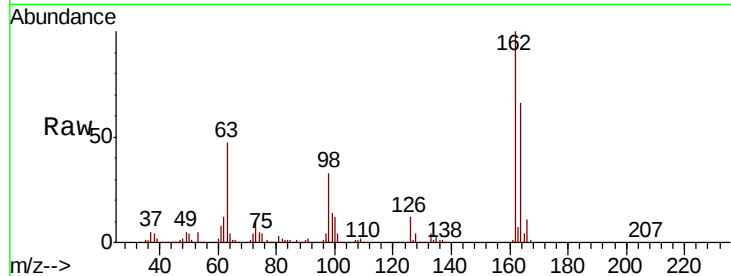
#29
2,4-Dichlorophenol
Concen: 41.713 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	593281		
164	66.0		43.7	83.7
98	32.9		17.1	57.1

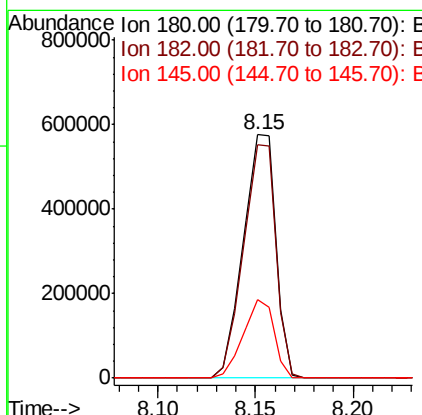
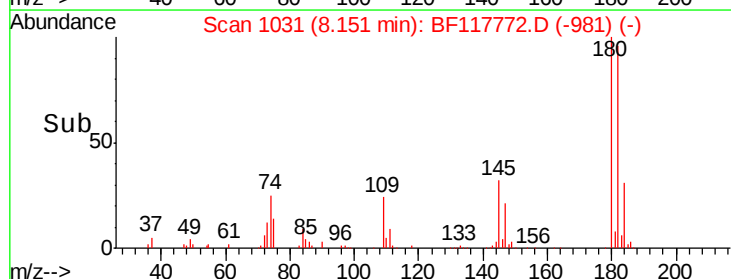
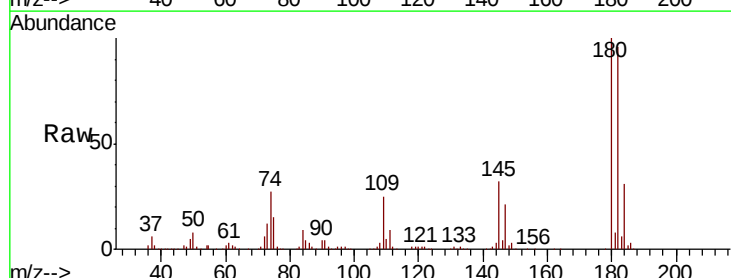
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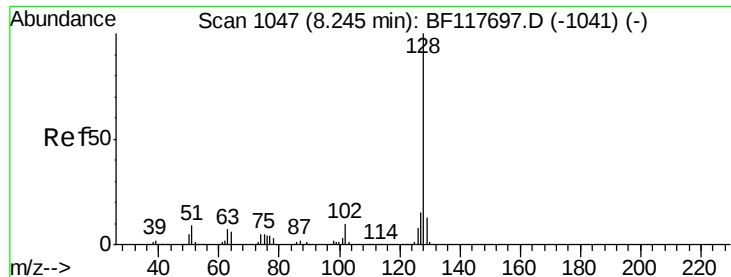
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#30
1,2,4-Trichlorobenzene
Concen: 40.928 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	666399		
182	95.8		75.6	113.4
145	32.1		23.8	35.8





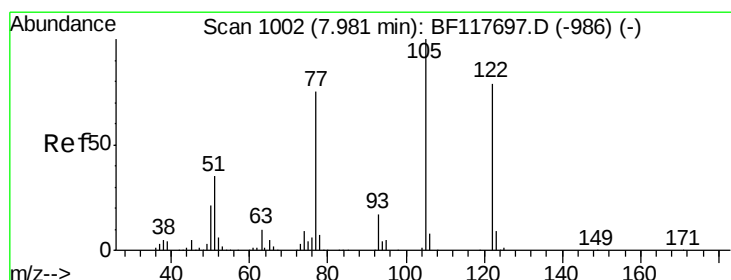
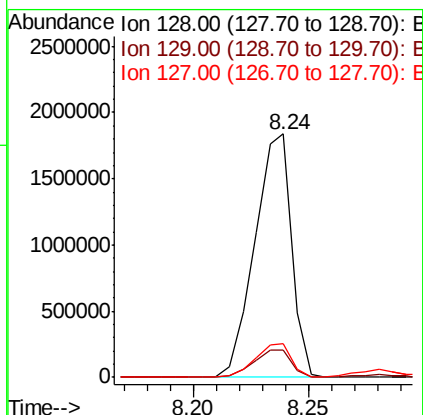
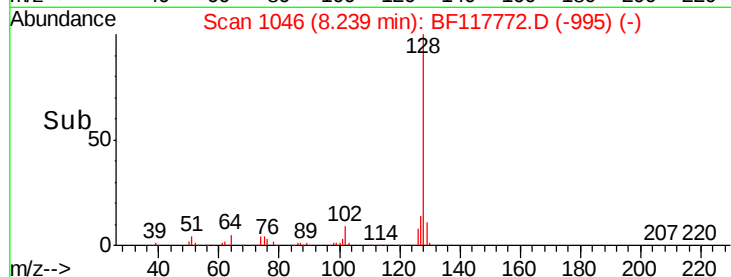
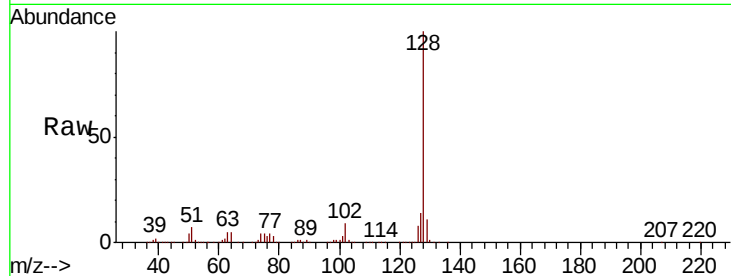
#31
Naphthalene
Concen: 44.793 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion:128 Resp: 2041488
Ion Ratio Lower Upper
128 100
129 11.4 9.6 14.4
127 13.8 11.4 17.2

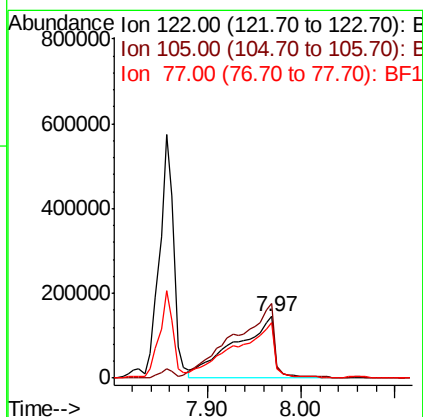
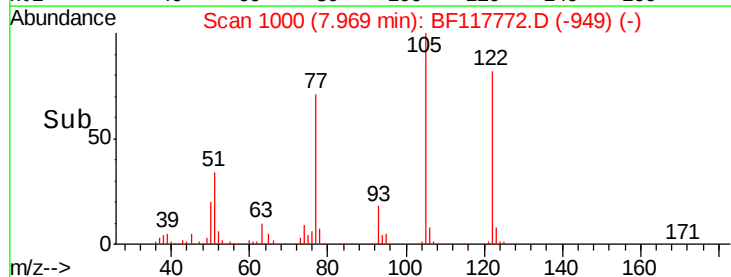
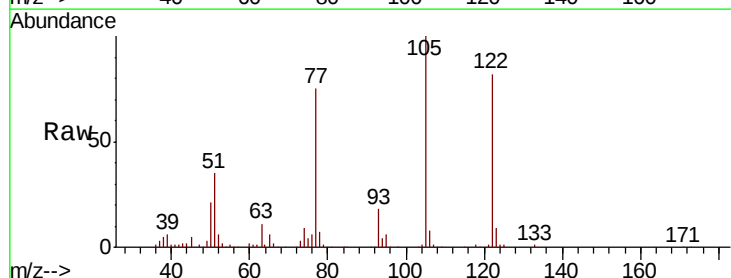
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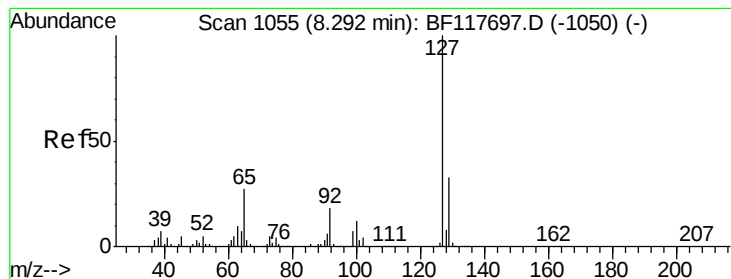
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#32
Benzoic acid
Concen: 38.866 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion:122 Resp: 424730
Ion Ratio Lower Upper
122 100
105 122.0 99.4 139.4
77 90.9 69.4 109.4





#33

4-Chloroaniline

Concen: 4.210 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

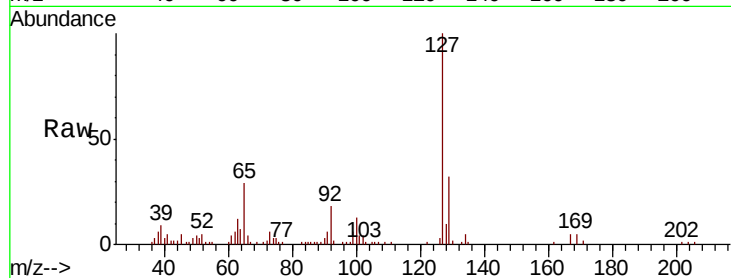
ClientSampleId :

TP-1A-COMPMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.6	39.8
65	28.6	23.0	34.6
92	18.1	14.9	22.3

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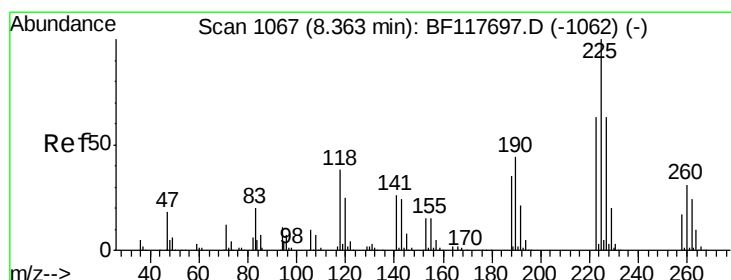
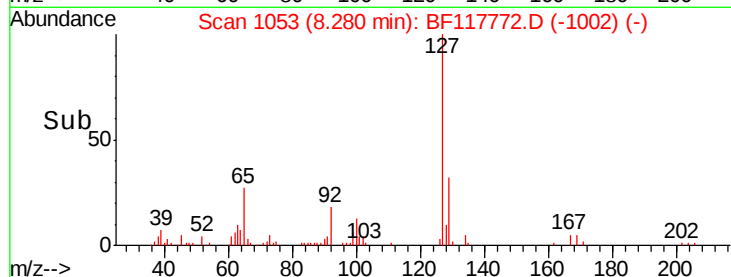
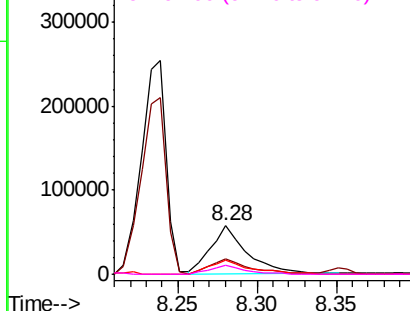
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.815 ng

RT: 8.35 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

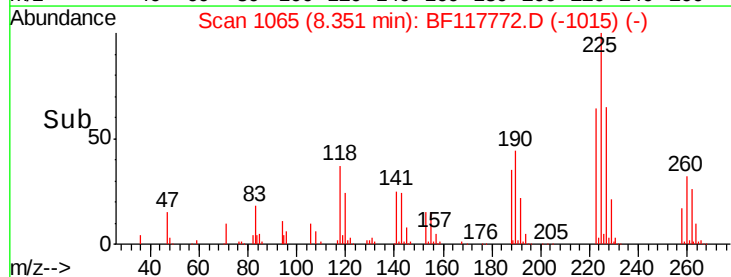
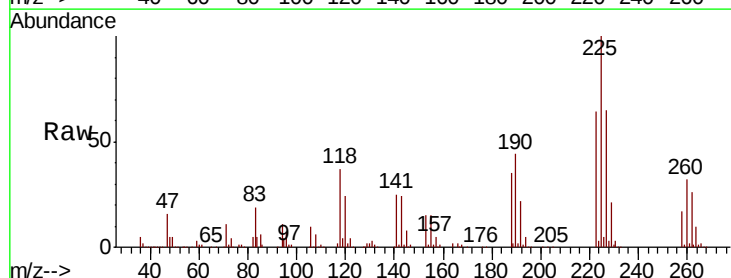
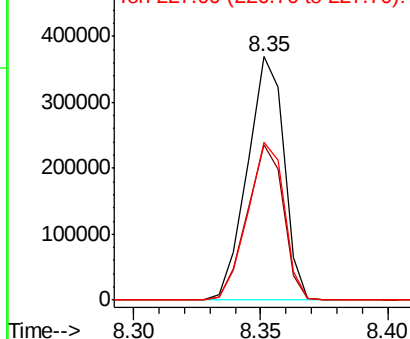
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.4	74.0
227	65.0	50.3	75.5

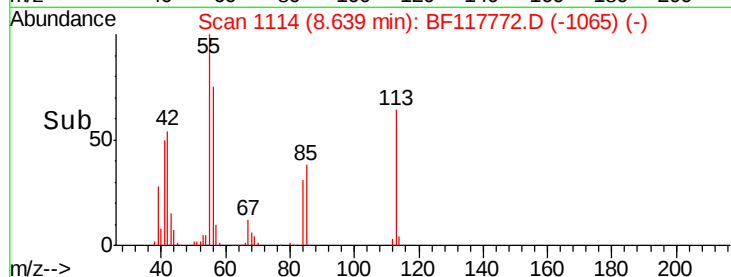
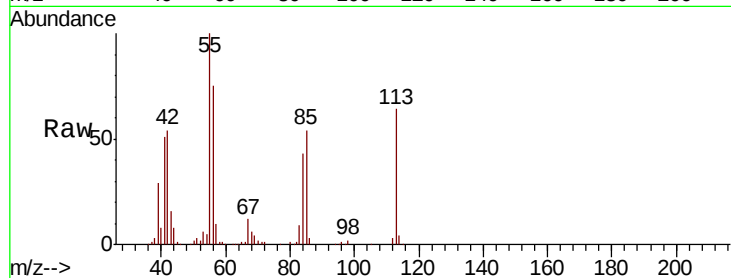
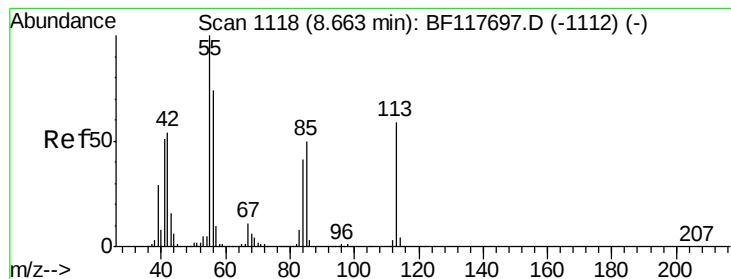
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.447 ng/mL

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Tot Ion:	113	Resp:	157675
Ion Ratio	Lower	Upper	
113	100		
55	156.7	143.2	183.2
56	116.8	101.2	141.2

Instrument :

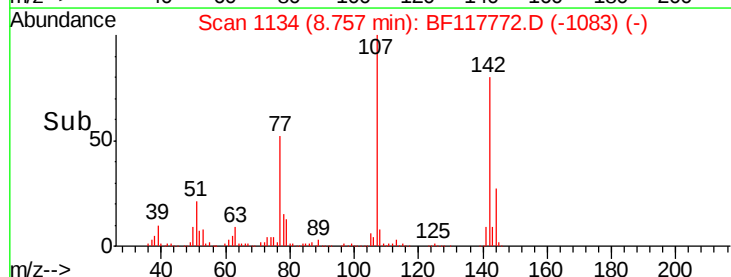
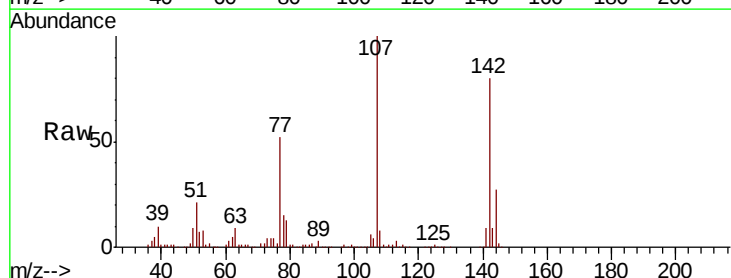
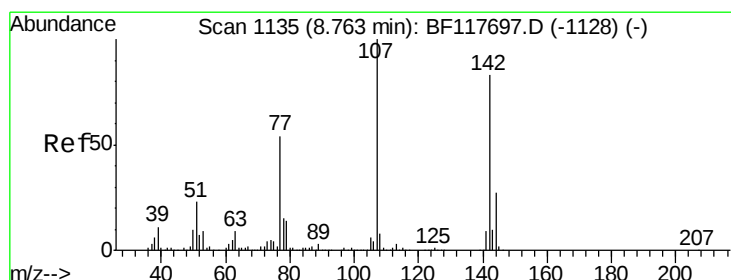
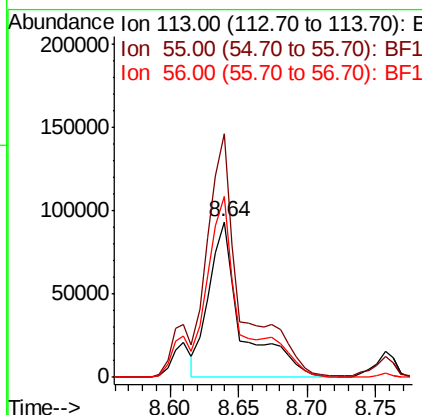
BNA_F

ClientSampleId :

TP-1A-COMPMS

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#36

4-Chloro-3-methylphenol

Concen: 40.780 ng/mL

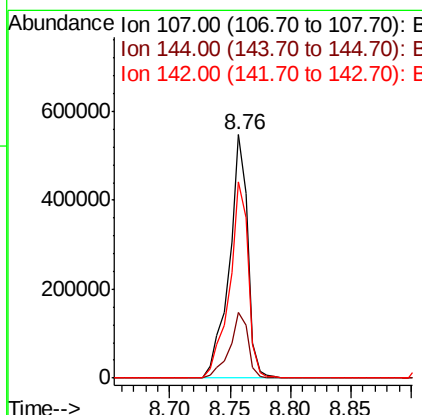
RT: 8.76 min Scan# 1134

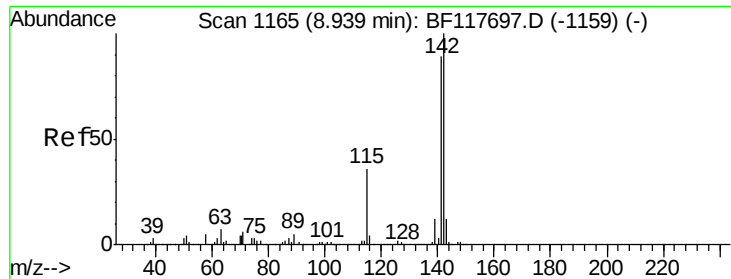
Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Tgt Ion:	107	Resp:	585285
Ion Ratio	Lower	Upper	
107	100		
144	26.8	21.7	32.5
142	80.5	65.9	98.9





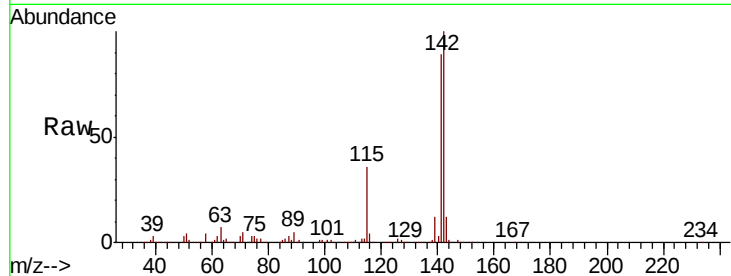
#37
2-Methylnaphthalene
Concen: 43.023 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

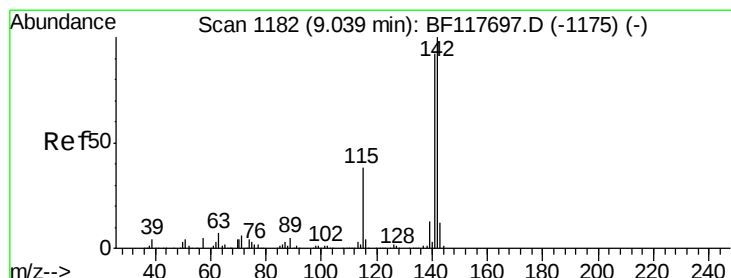
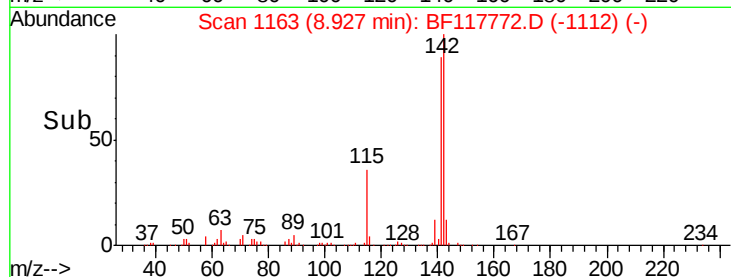
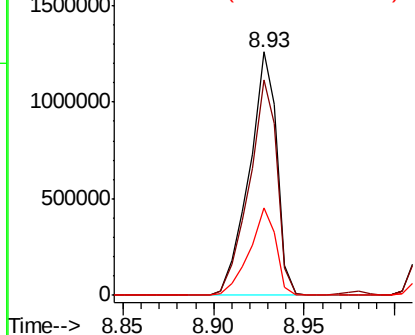
Tot Ion:142 Resp: 1334896
Ion Ratio Lower Upper
142 100
141 88.7 70.2 105.4
115 35.8 28.8 43.2

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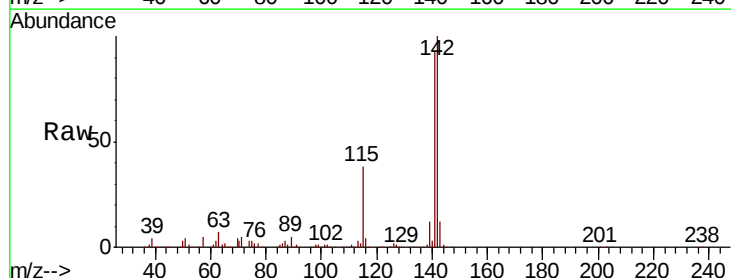


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

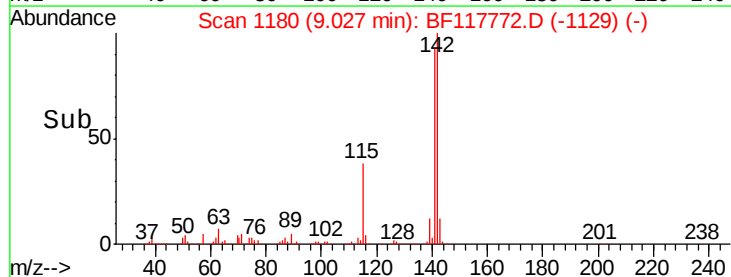
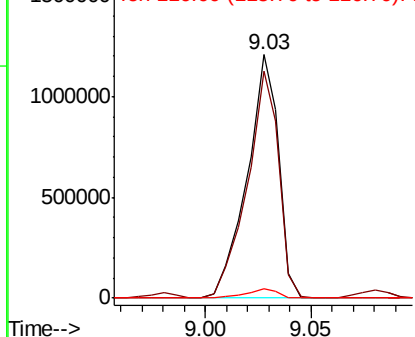


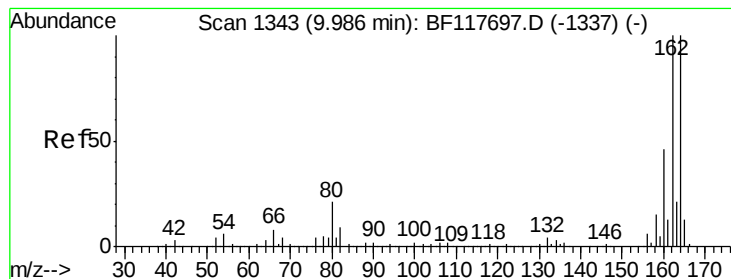
#38
1-Methylnaphthalene
Concen: 42.407 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion:142 Resp: 1249518
Ion Ratio Lower Upper
142 100
141 93.0 73.5 110.3
116 3.9 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

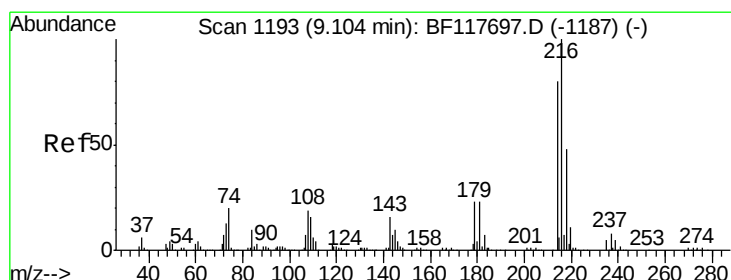
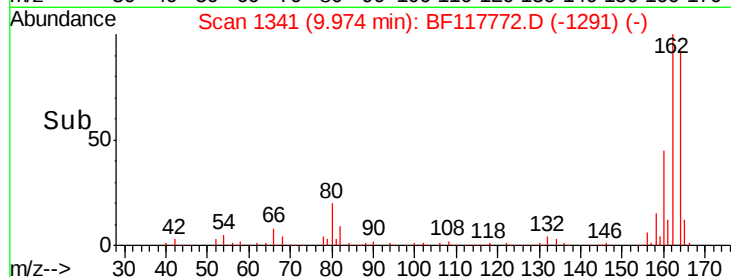
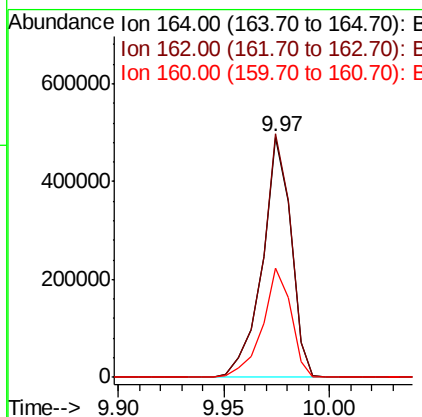
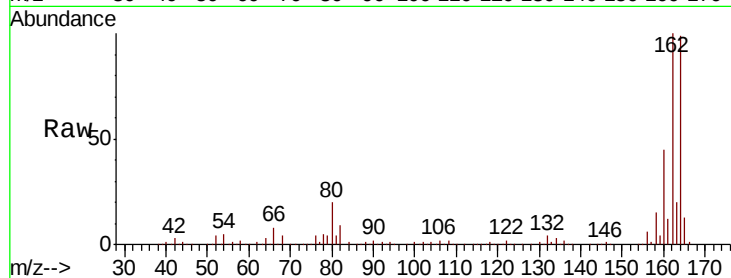
ClientSampleId :

TP-1A-COMPMS

Tot Ion:	164	Resp:	464506
Ion Ratio	Lower	Upper	
164	100		
162	101.3	81.2	121.8
160	45.2	36.3	54.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.712 ng

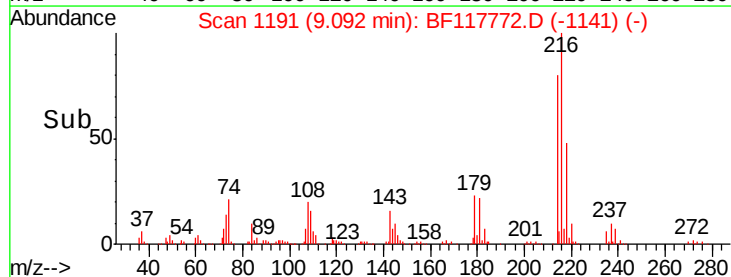
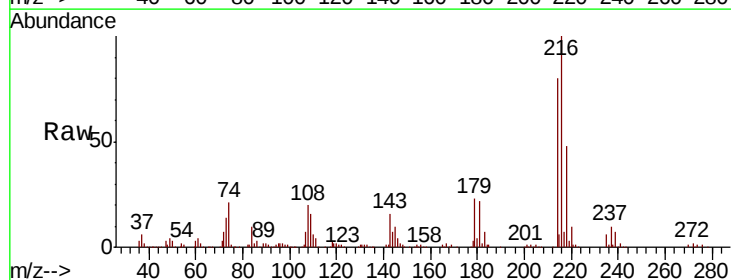
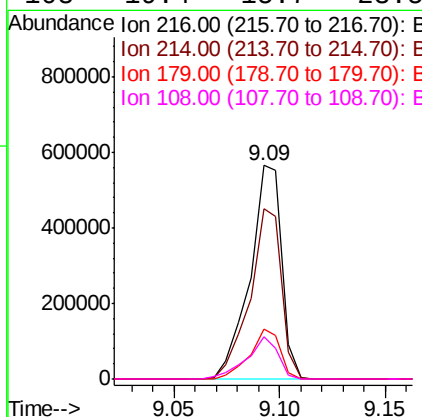
RT: 9.09 min Scan# 1191

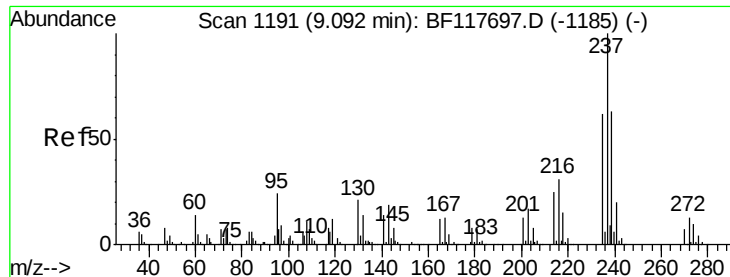
Delta R.T. -0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Tgt Ion:	216	Resp:	593603
Ion Ratio	Lower	Upper	
216	100		
214	78.9	64.0	96.0
179	22.3	18.1	27.1
108	19.4	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 43.449 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

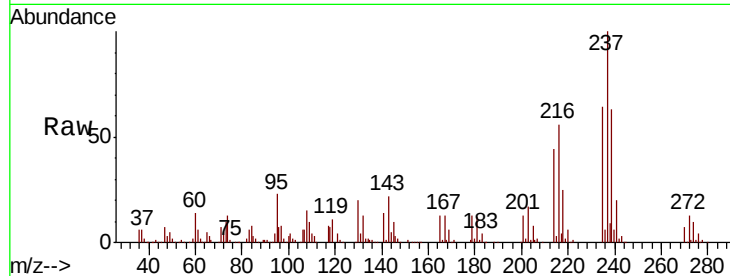
ClientSampleId :

TP-1A-COMPMS

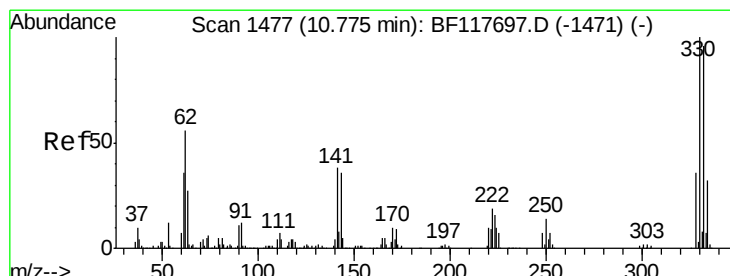
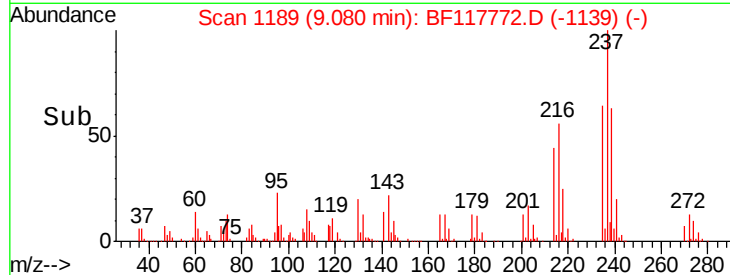
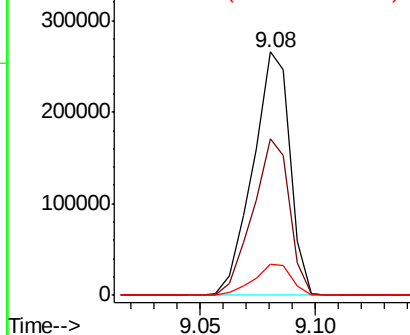
Tot Ion:	237	Resp:	297872
Ion Ratio	Lower	Upper	
237	100		
235	64.2	42.2	82.2
272	12.7	0.0	33.4

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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: 116.877 ng

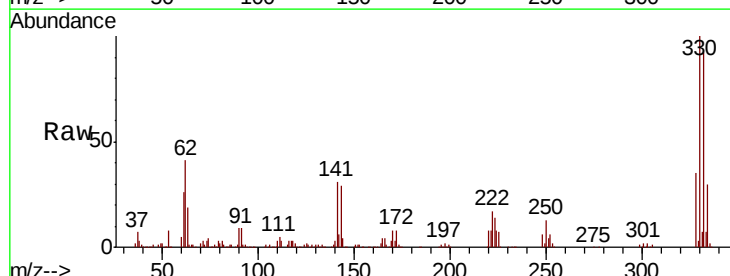
RT: 10.77 min Scan# 1476

Delta R.T. -0.00 min

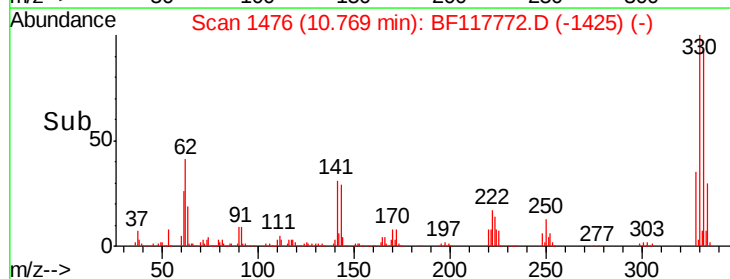
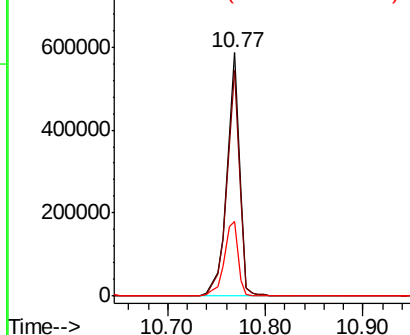
Lab File: BF117772.D

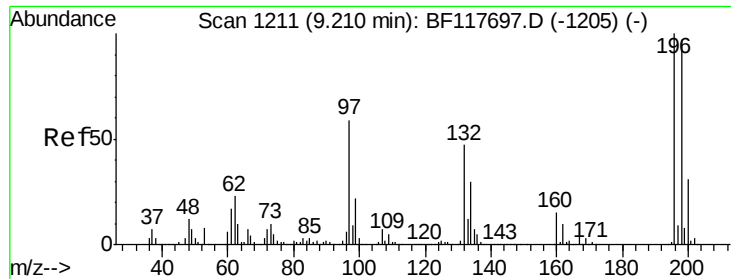
Acq: 12 Nov 2019 20:58

Tgt Ion:	330	Resp:	531079
Ion Ratio	Lower	Upper	
330	100		
332	93.8	76.9	115.3
141	33.9	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





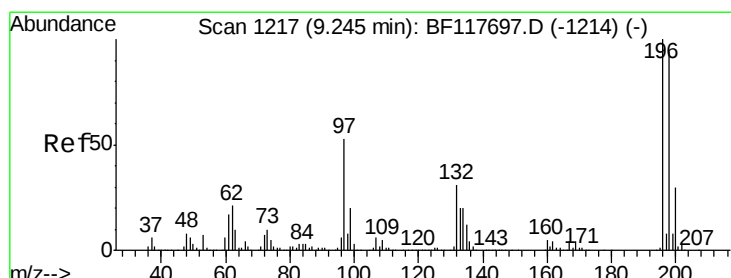
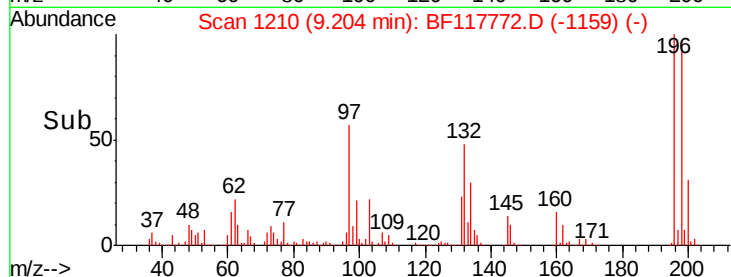
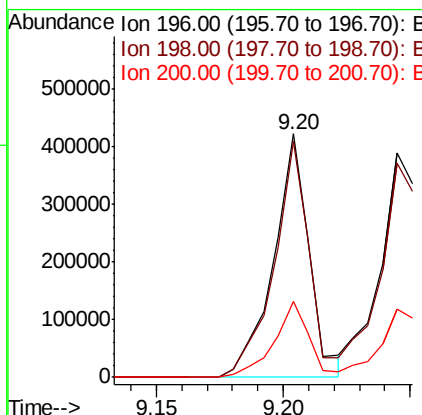
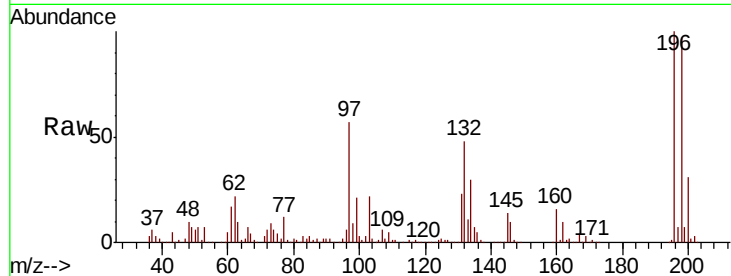
#43
 2,4,6-Trichlorophenol
 Concen: 44.796 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF117772.D
 Acq: 12 Nov 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMS

Tot Ion:	196	Resp:	414598
Ion Ratio	Lower	Upper	
196	100		
198	96.9	75.3	112.9
200	31.3	23.9	35.9

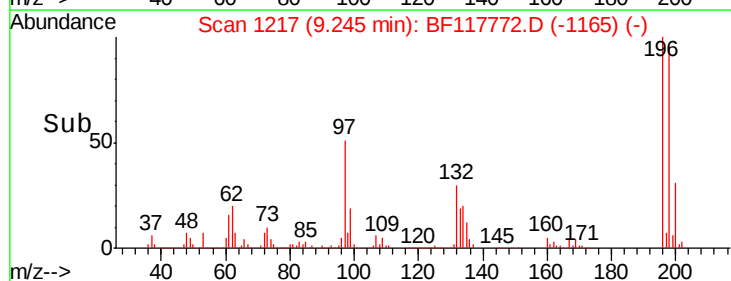
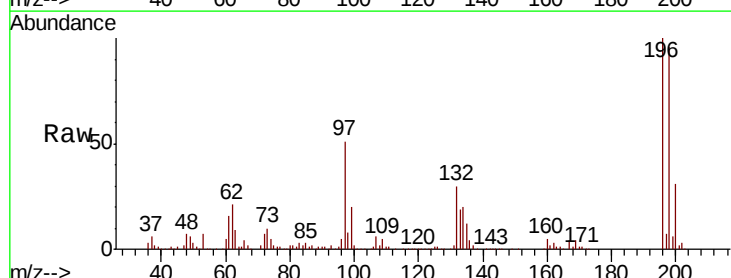
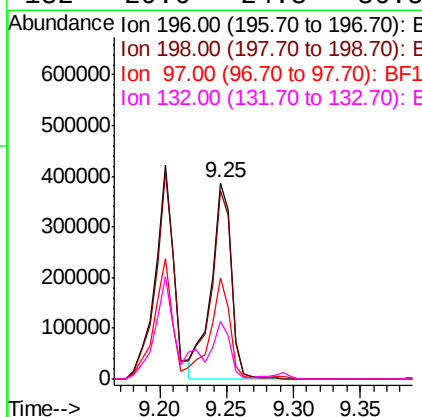
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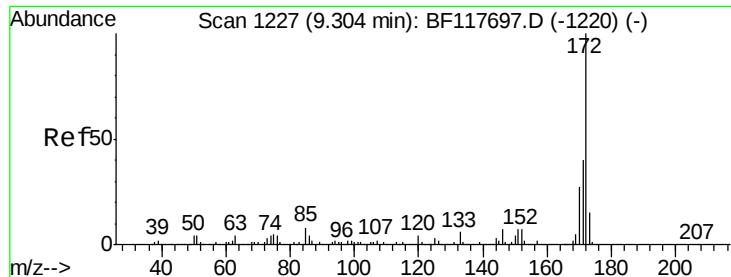
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#44
 2,4,5-Trichlorophenol
 Concen: 44.366 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF117772.D
 Acq: 12 Nov 2019 20:58

Tgt Ion:	196	Resp:	416212
Ion Ratio	Lower	Upper	
196	100		
198	96.0	76.4	114.6
97	51.4	41.8	62.8
132	29.6	24.3	36.5





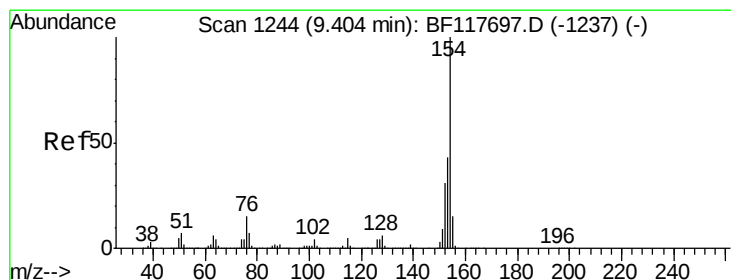
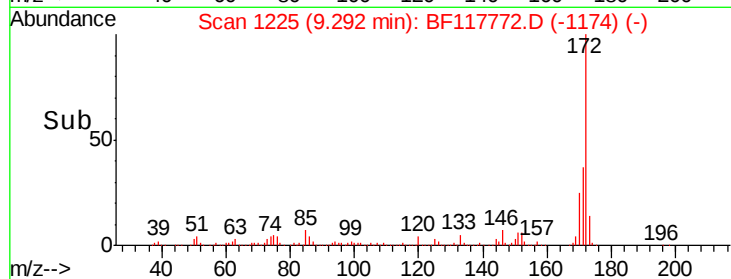
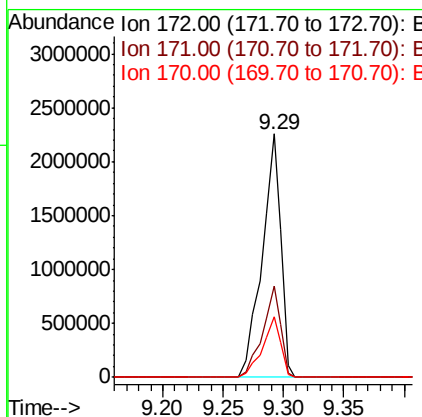
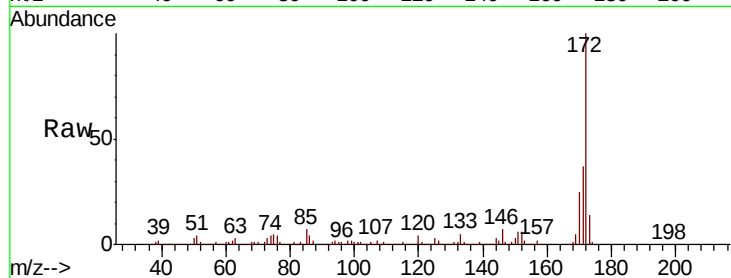
#45
2-Fluorobiphenyl
Concen: 103.777 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.3	30.7	46.1	
170	25.1	20.6	30.8	

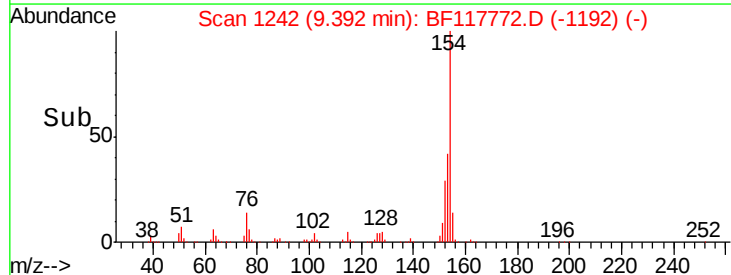
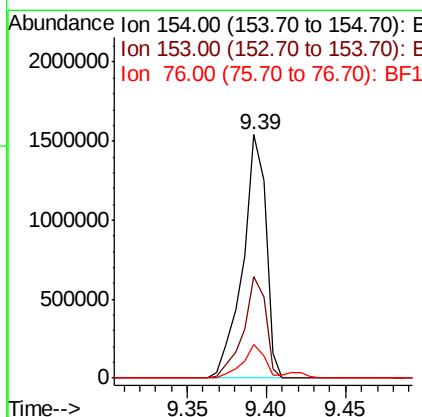
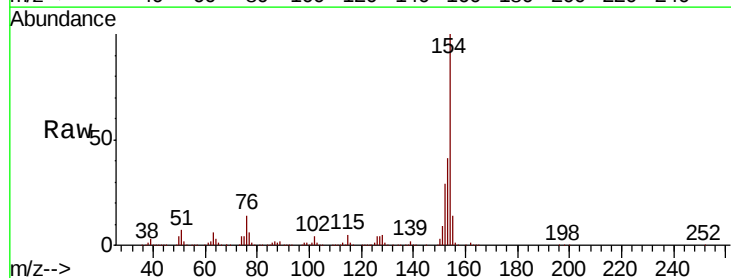
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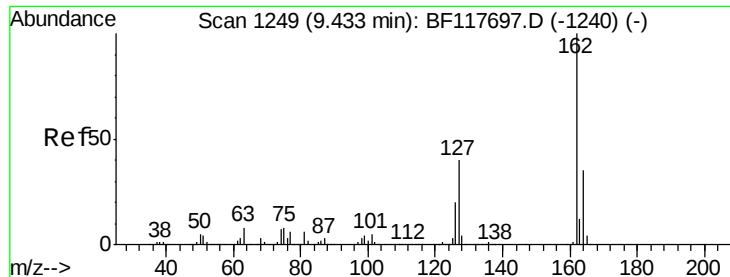
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#46
1,1'-Biphenyl
Concen: 47.654 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.5	21.6	61.6	
76	13.6	0.0	32.0	





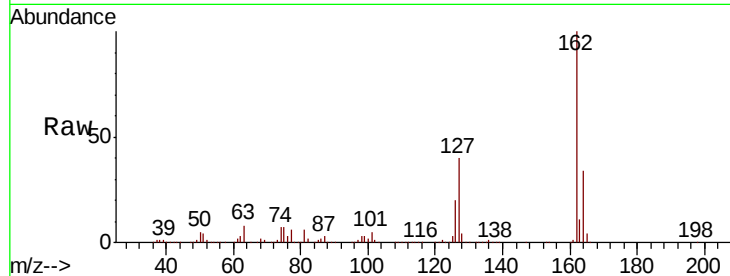
#47
2-Chloronaphthalene
Concen: 44.800 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

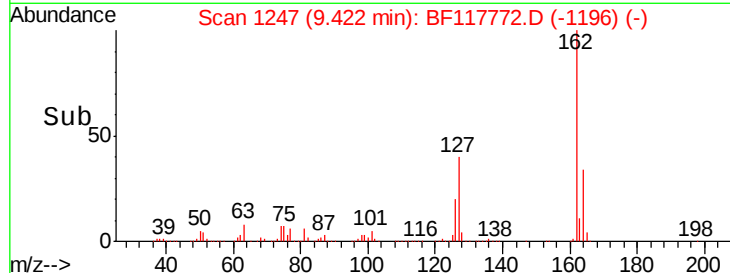
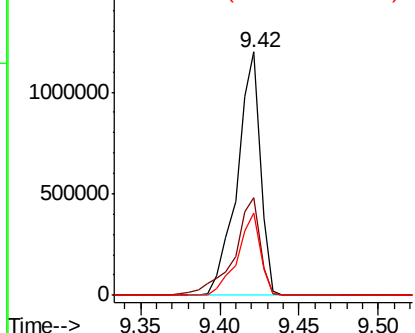
Tot Ion: 162 Resp: 1209476
Ion Ratio Lower Upper
162 100
127 40.2 33.0 49.6
164 34.0 27.4 41.0

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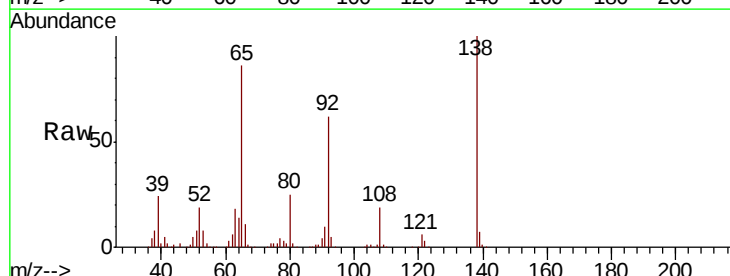
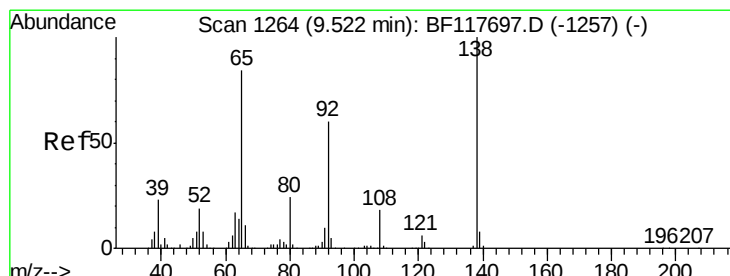
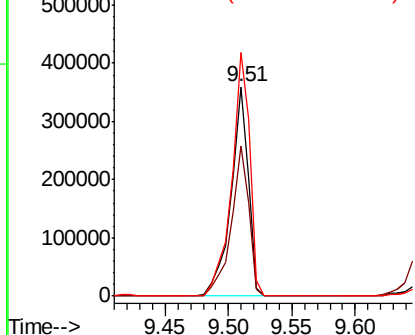
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

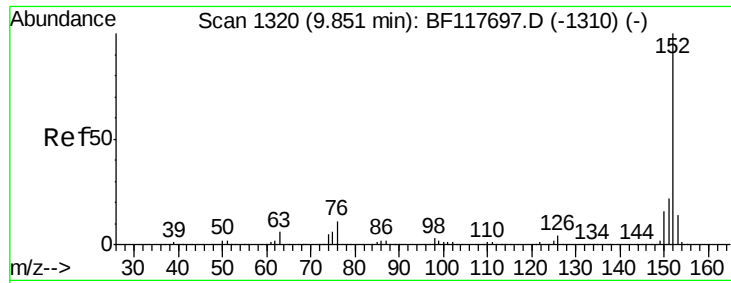


#48
2-Nitroaniline
Concen: 39.891 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion: 65 Resp: 337490
Ion Ratio Lower Upper
65 100
92 71.5 57.9 86.9
138 116.2 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: 45.907 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

Tot Ion:152 Resp: 1804891

Ion Ratio Lower Upper

152 100

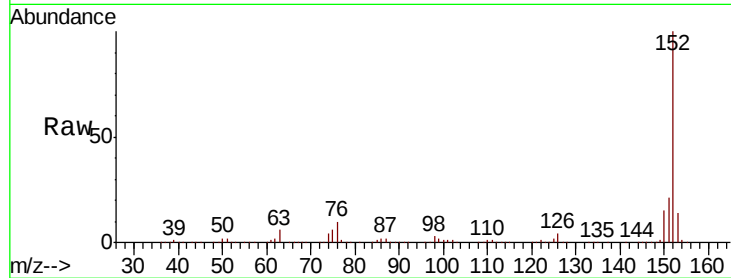
151 21.2 17.5 26.3

153 13.9 11.7 17.5

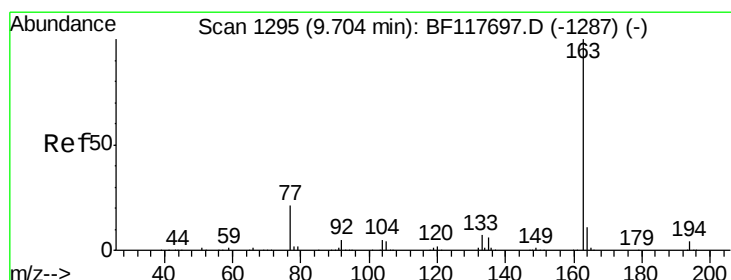
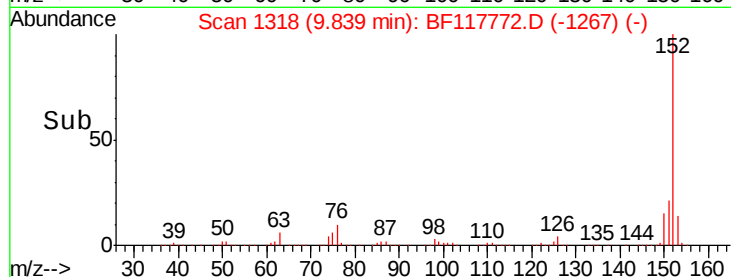
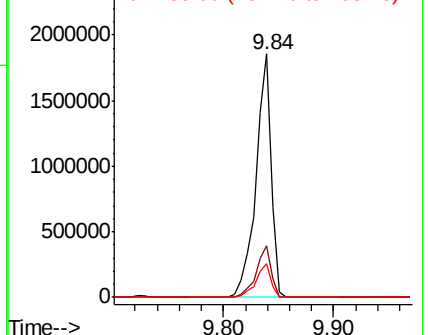
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Abundance Ion 152.00 (151.70 to 152.70): E
2500000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.394 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

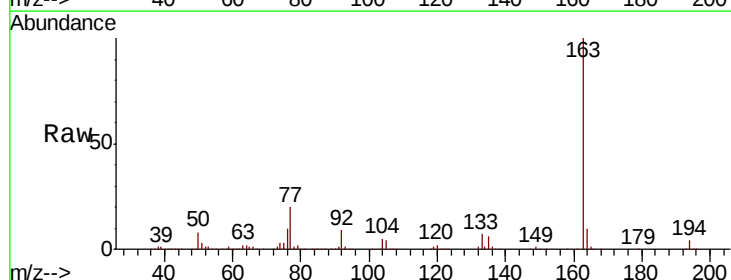
Tgt Ion:163 Resp: 1362655

Ion Ratio Lower Upper

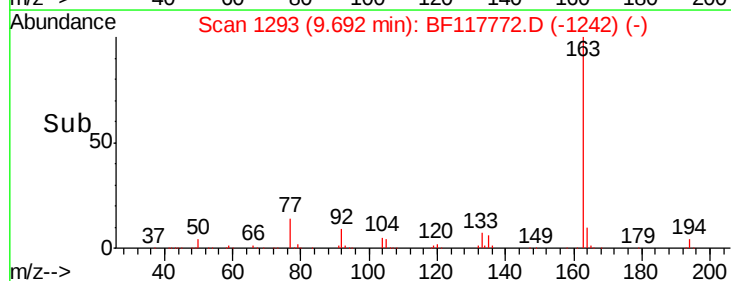
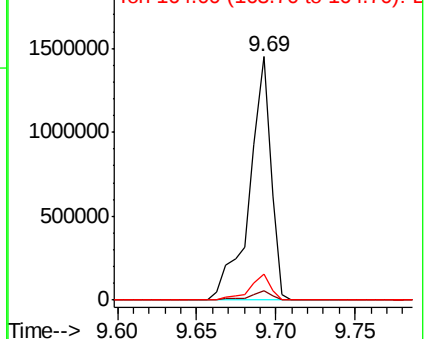
163 100

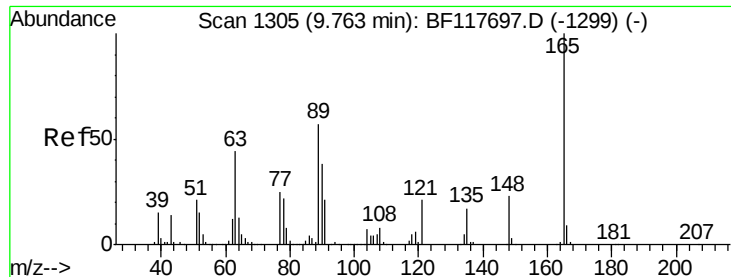
194 4.1 3.2 4.8

164 10.5 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
2000000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.971 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

Tot Ion:165 Resp: 302156
Ion Ratio Lower Upper

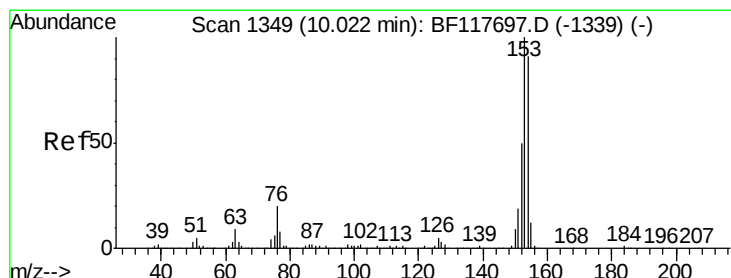
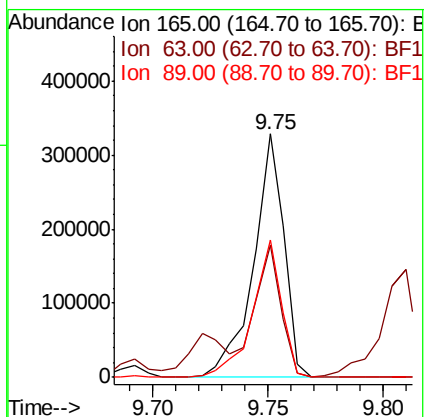
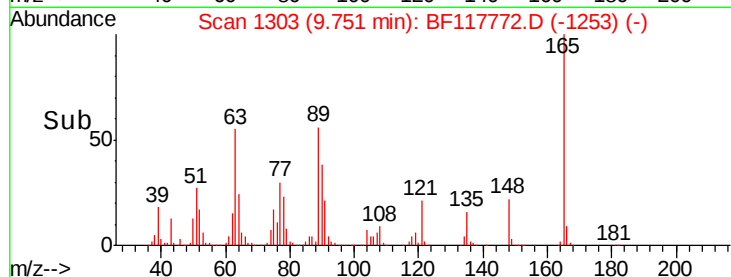
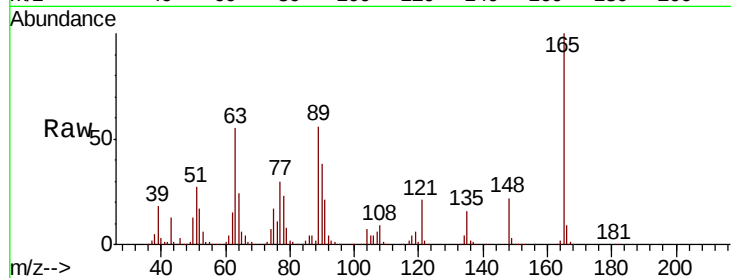
165 100

63 54.5 36.6 55.0

89 56.5 39.2 58.8

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#52

Acenaphthene

Concen: 44.265 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF117772.D

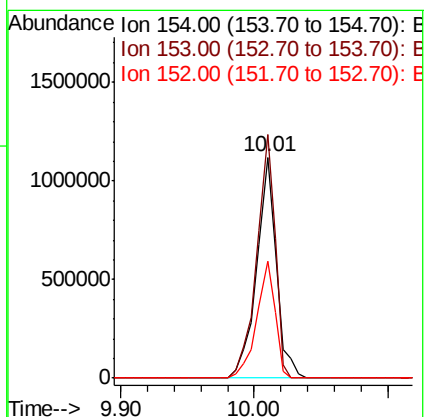
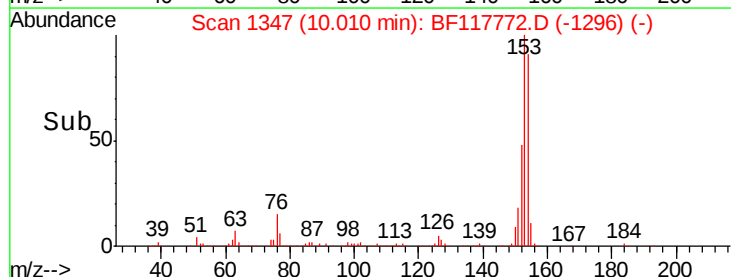
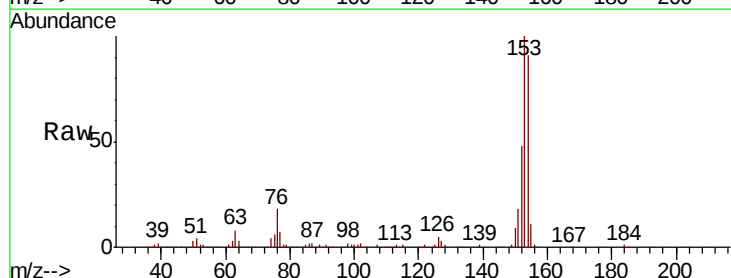
Acq: 12 Nov 2019 20:58

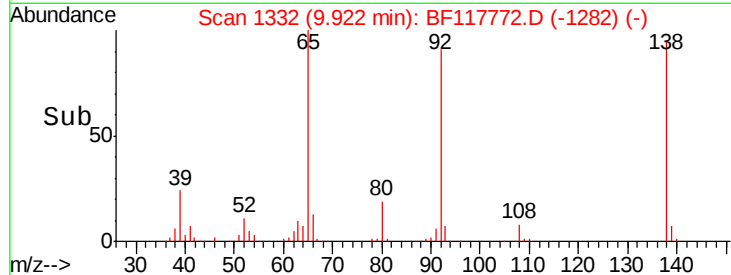
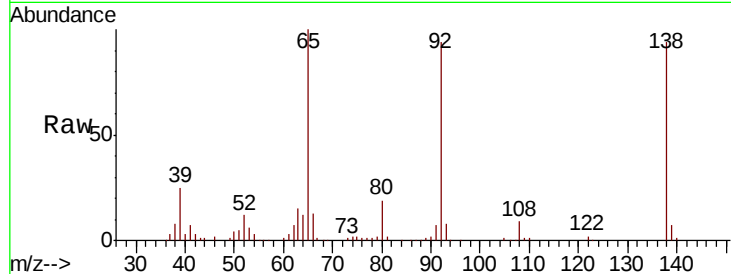
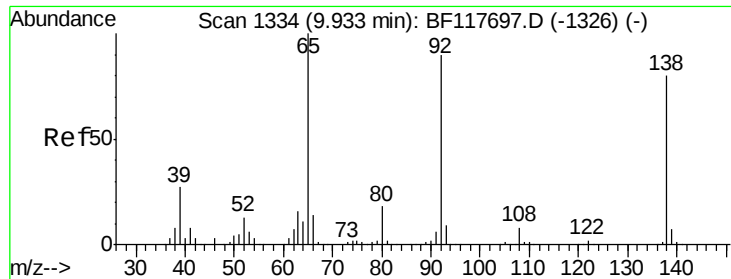
Tgt Ion:154 Resp: 1122995
Ion Ratio Lower Upper

154 100

153 110.3 89.0 133.6

152 53.2 43.8 65.8





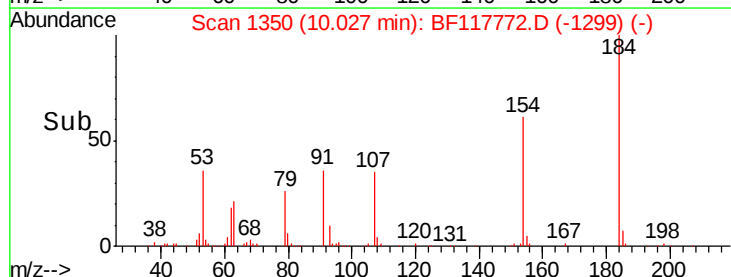
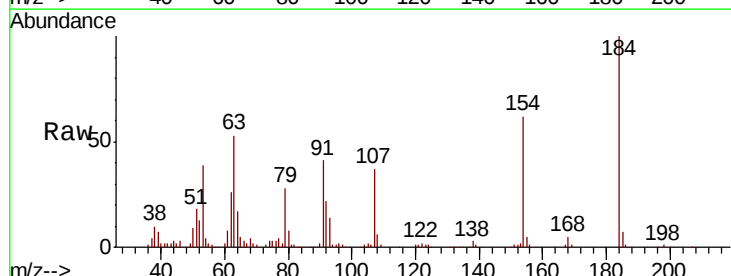
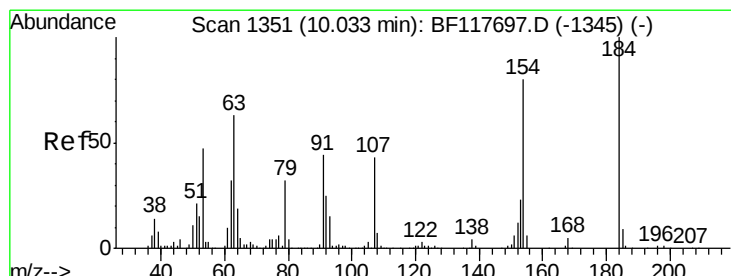
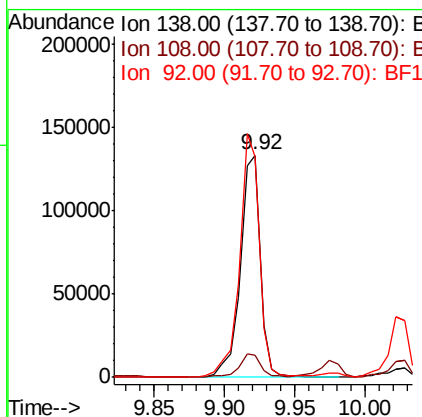
#53
3-Nitroaniline
Concen: 15.553 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.2	12.2
92	99.1	81.5	122.3

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

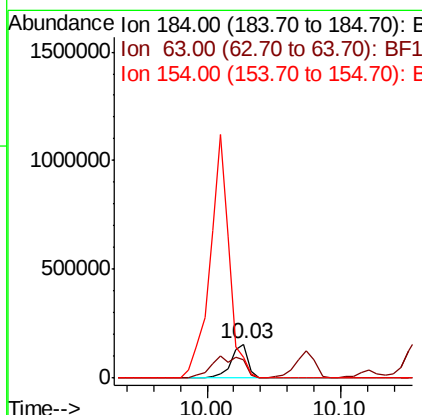
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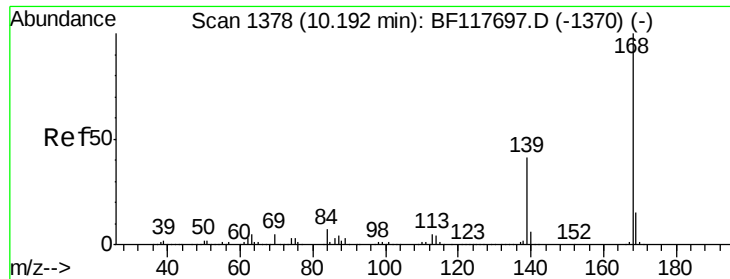
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#54
2,4-Dinitrophenol
Concen: 58.260 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.3	45.8	68.8
154	61.6	48.4	72.6





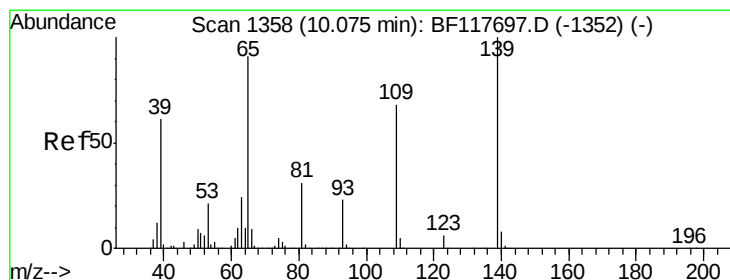
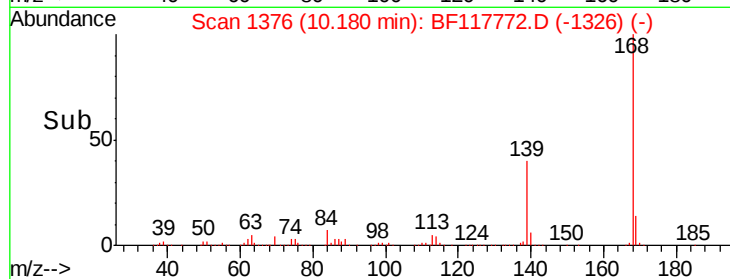
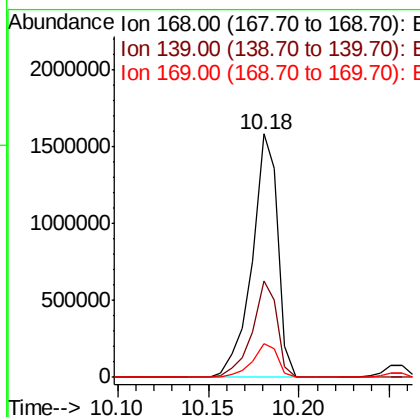
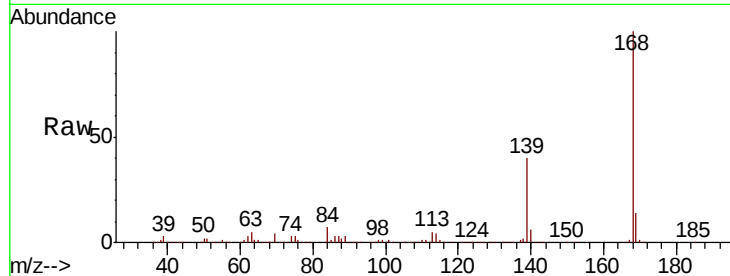
#55
Dibenzofuran
Concen: 43.870 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	31.4	47.2
169	13.9	11.1	16.7

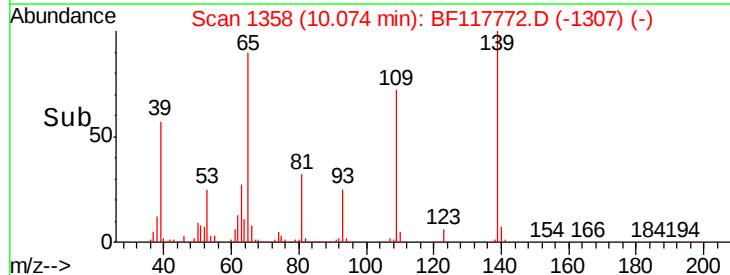
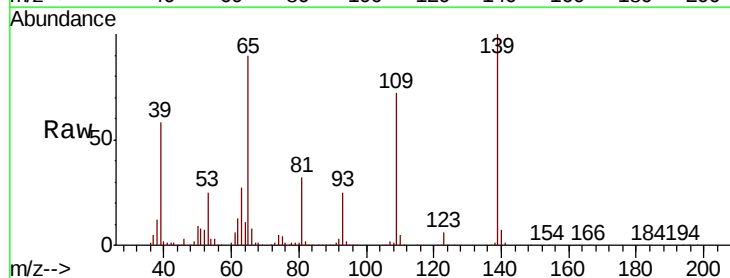
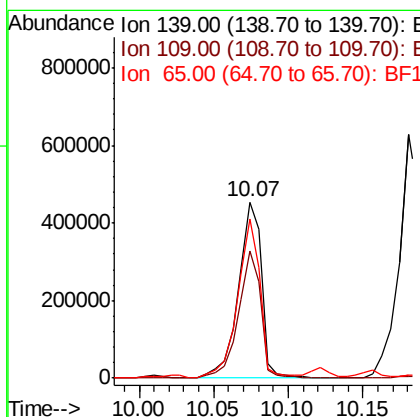
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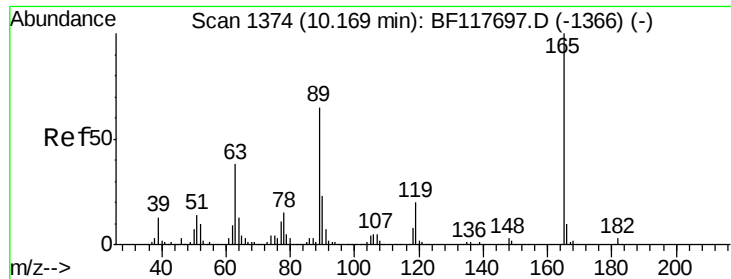
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#56
4-Nitrophenol
Concen: 76.446 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.1	45.1	85.1
65	90.5	61.7	101.7





#57

2,4-Dinitrotoluene

Concen: 40.695 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

Tot Ion:165 Resp: 367080

Ion Ratio Lower Upper

165 100

63 40.7 34.4 51.6

89 66.7 57.8 86.8

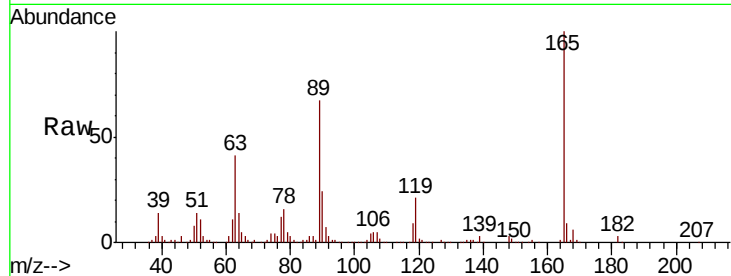
182 2.9 2.3 3.5

Manual Integrations

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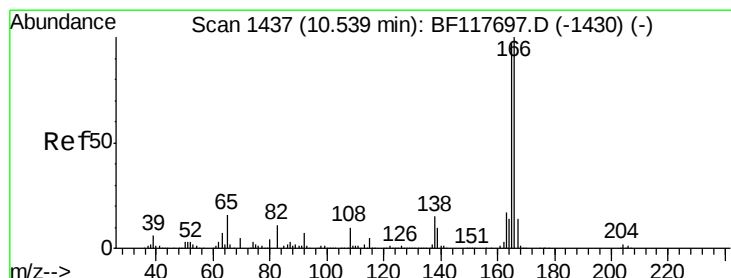
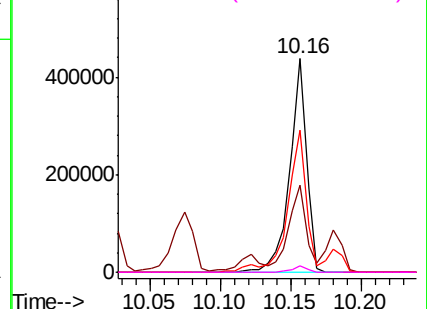
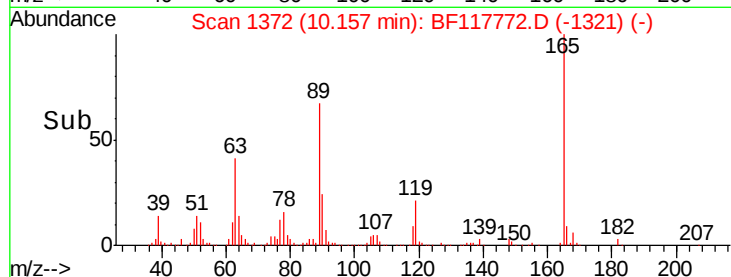


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.783 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

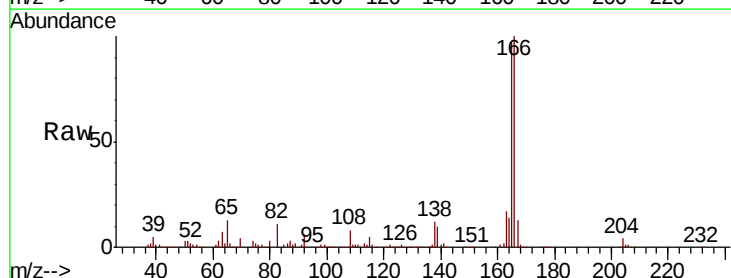
Tgt Ion:166 Resp: 1119384

Ion Ratio Lower Upper

166 100

165 97.3 77.5 116.3

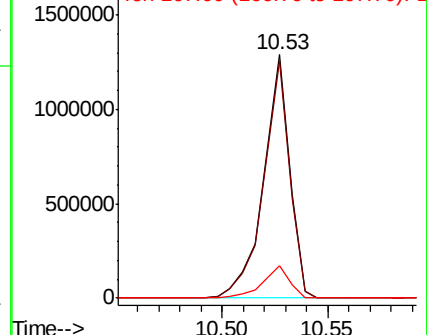
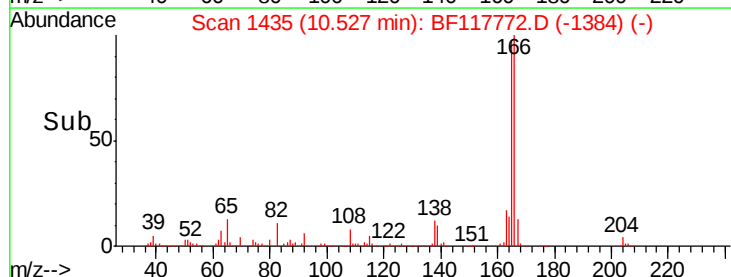
167 13.3 11.3 16.9

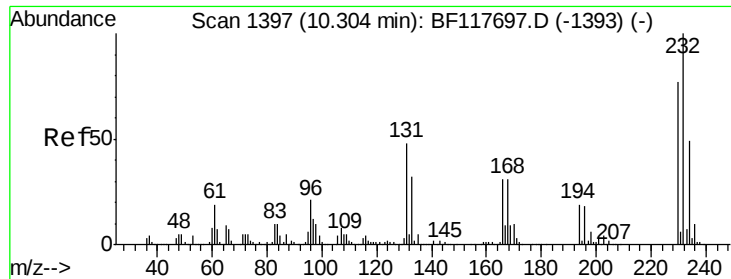


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





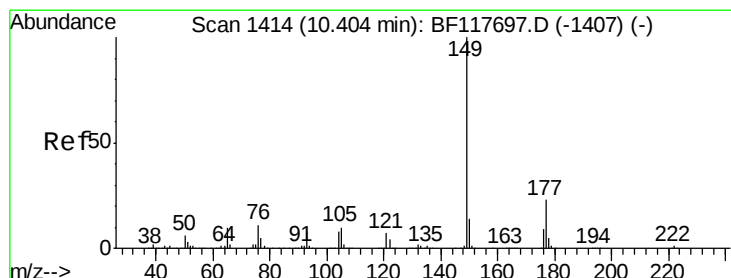
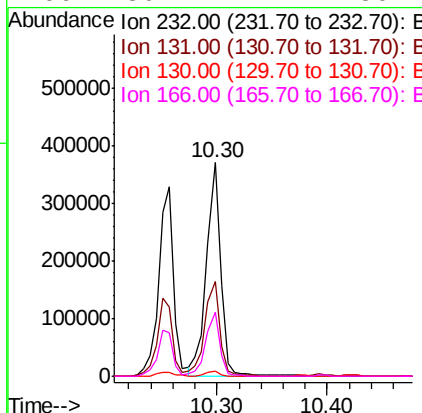
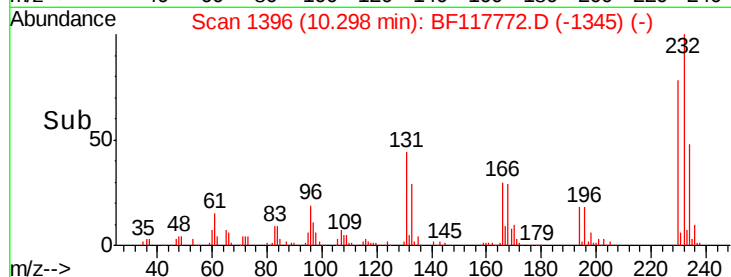
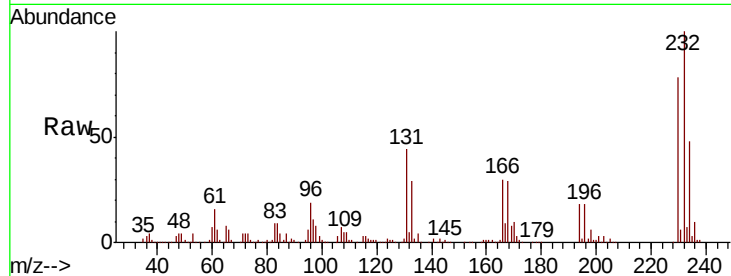
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.228 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.8	36.2	54.4
130	2.3	1.8	2.8
166	30.2	24.1	36.1

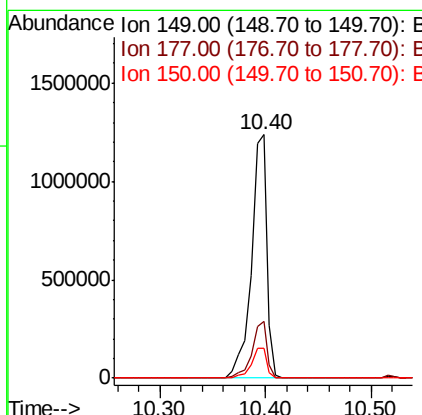
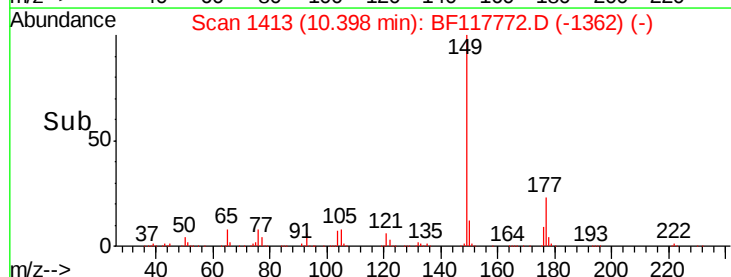
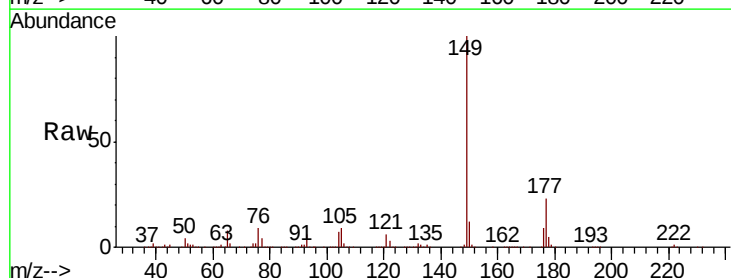
Manual Integrations
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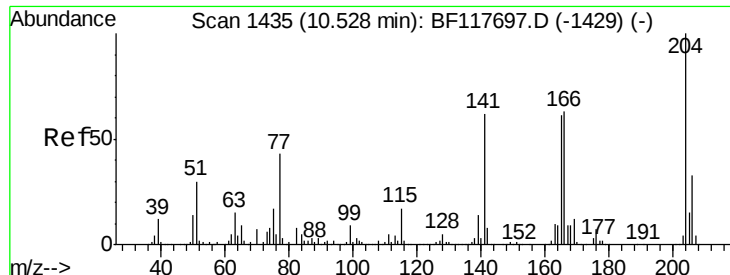
mohammad
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#60
Diethylphthalate
Concen: 41.099 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.7	28.1
150	12.4	10.2	15.2





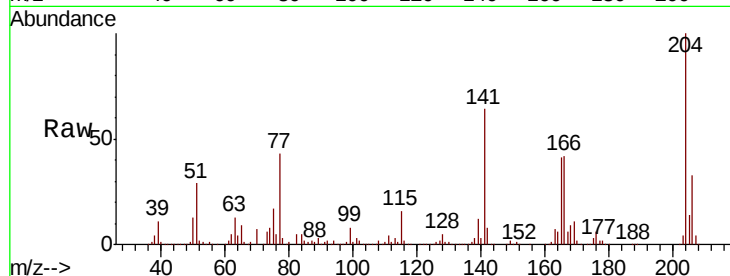
#61
4-Chlorophenyl-phenylether
Concen: 42.221 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	64.1	50.4	75.6

Manual Integrations
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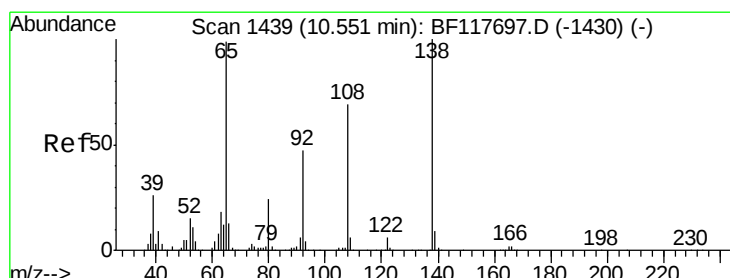
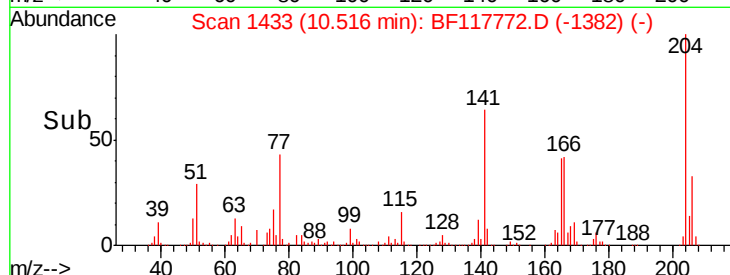
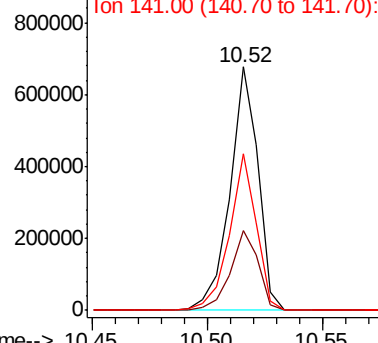


Abundance

Ion 204.00 (203.70 to 204.70): E

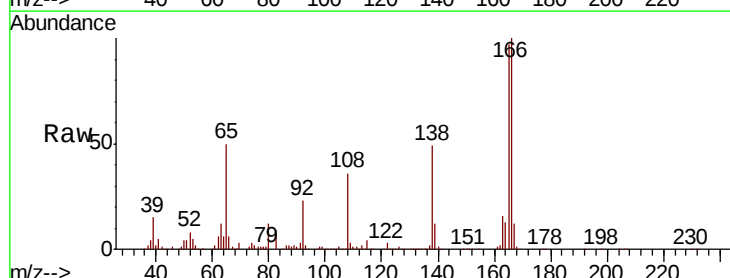
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 29.818 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	29.3	69.3
108	73.3	52.7	92.7

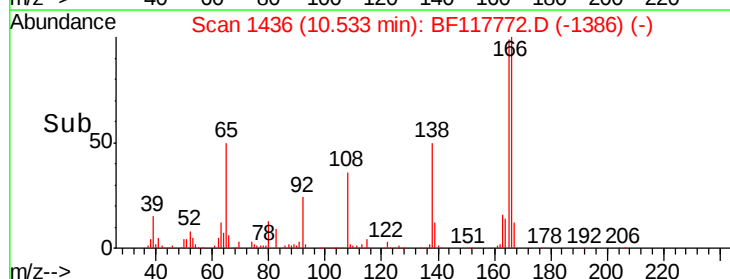
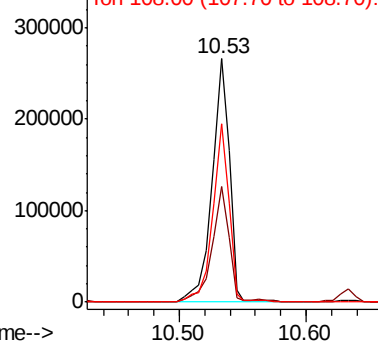


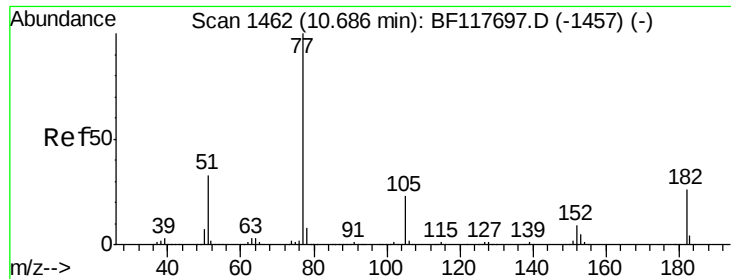
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





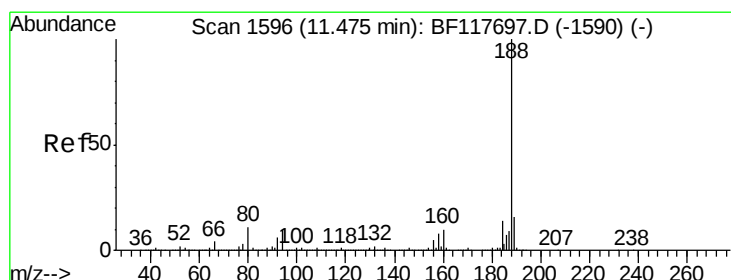
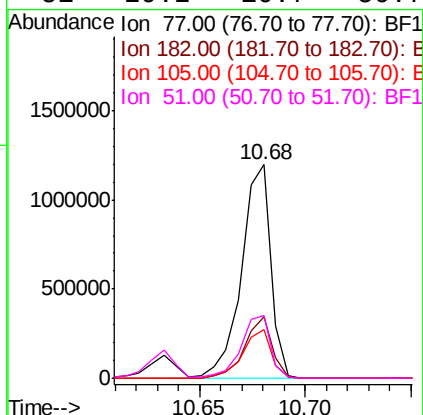
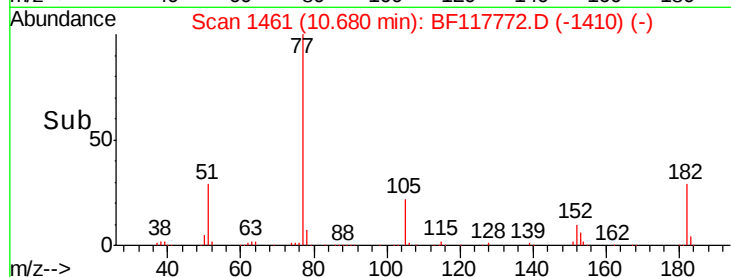
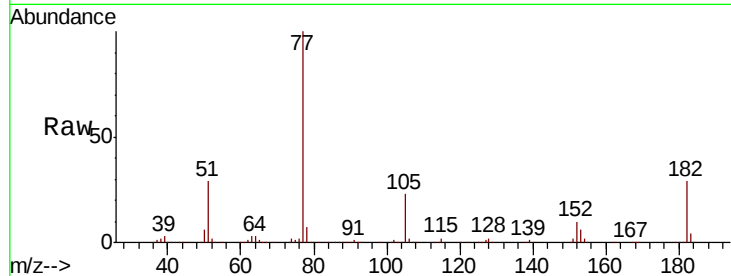
#63
Azobenzene
Concen: 39.225 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.0	9.8	49.8
105	23.0	3.3	43.3
51	29.2	10.7	50.7

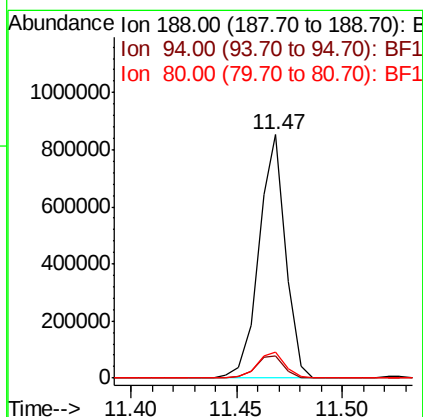
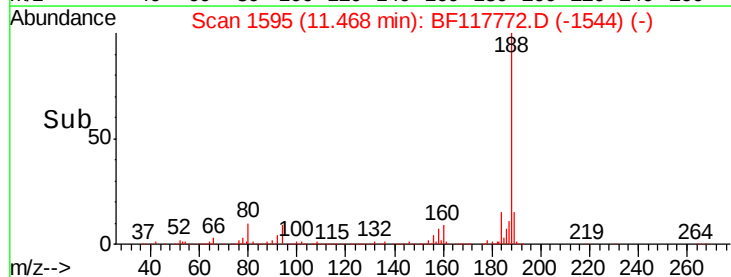
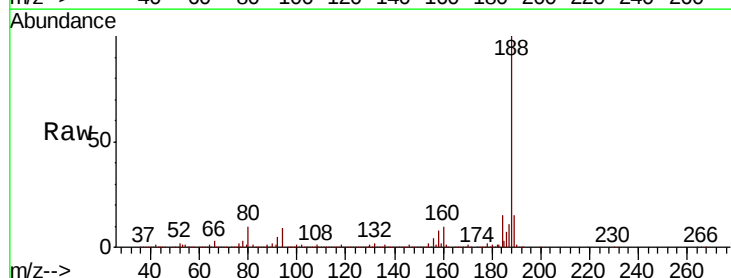
Manual Integrations
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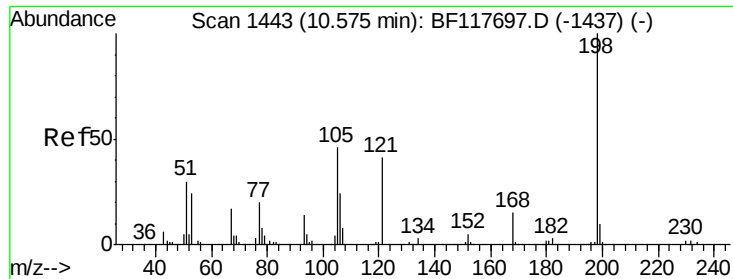
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	10.5	8.1	12.1





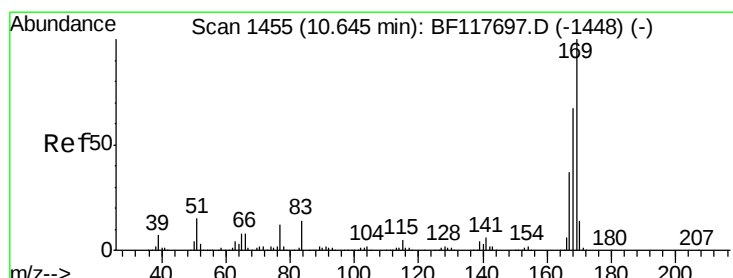
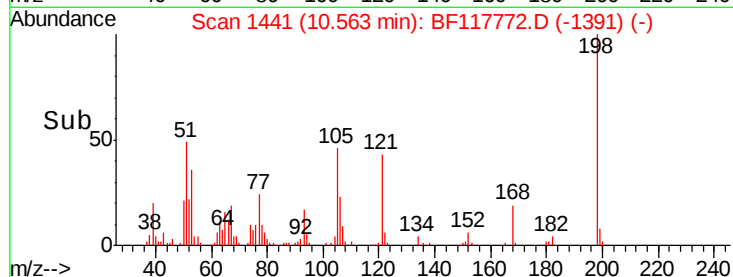
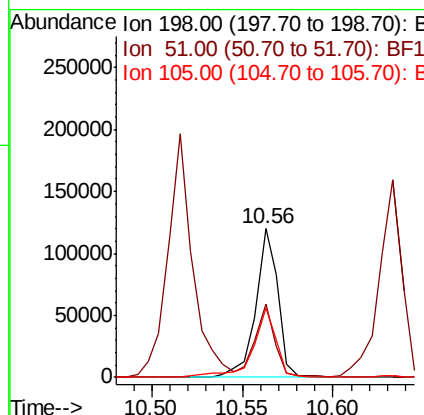
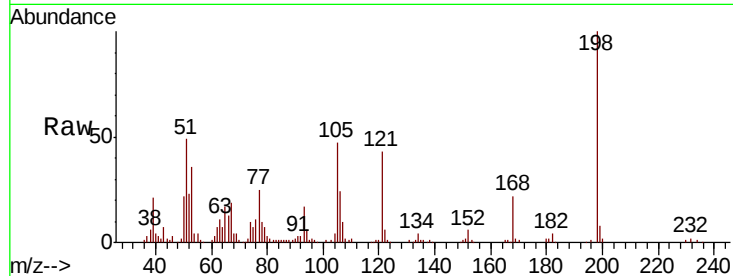
#65
4,6-Dinitro-2-methylphenol
Concen: 34.275 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	101980		
51	49.4	19.9	59.9	
105	46.6	22.6	62.6	

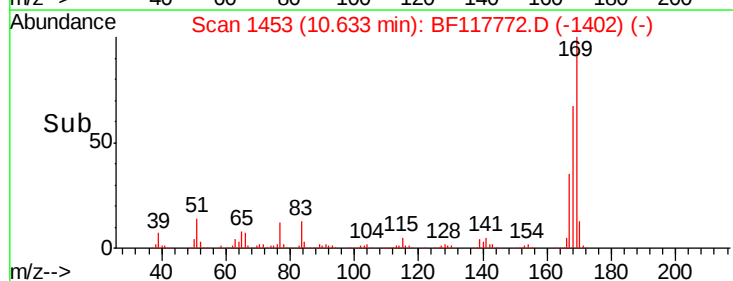
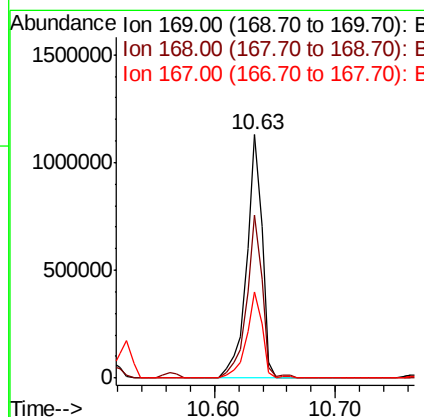
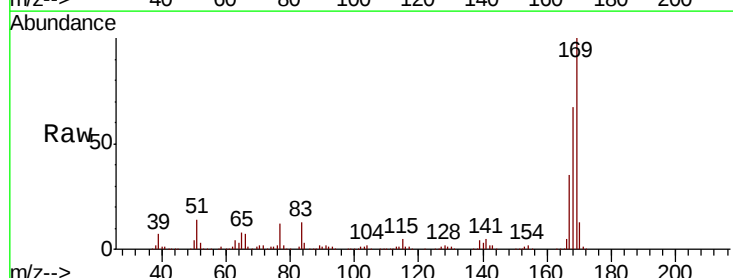
Manual Integrations
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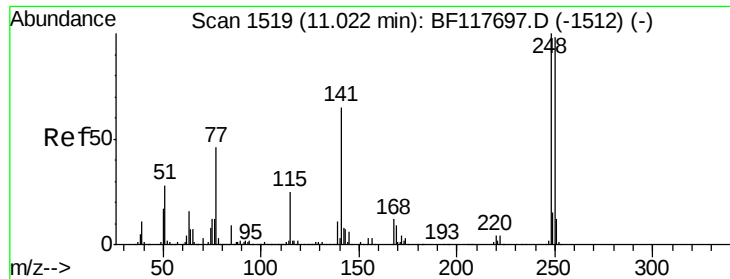
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#66
n-Nitrosodiphenylamine
Concen: 45.943 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1011088		
168	67.0	53.1	79.7	
167	35.5	29.3	43.9	





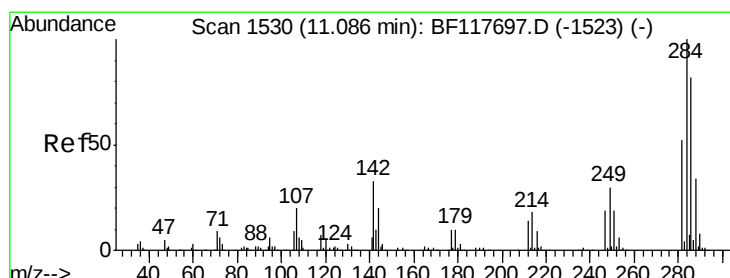
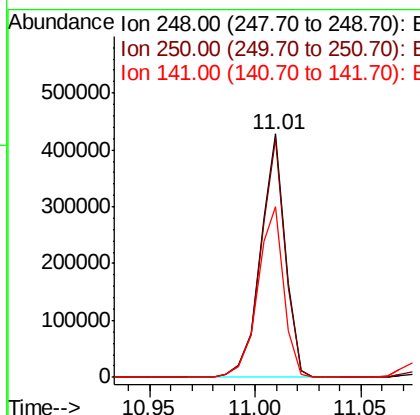
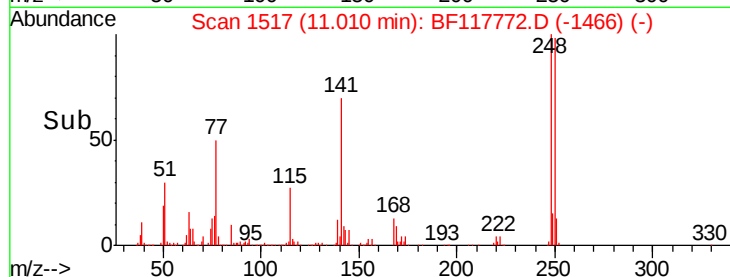
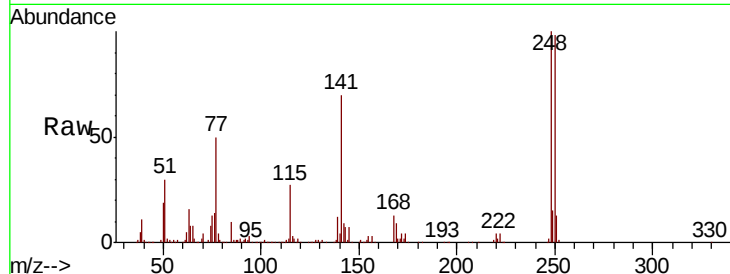
#67
4-Bromophenyl-phenylether
Concen: 42.865 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.8	116.6
141	70.1	58.6	88.0

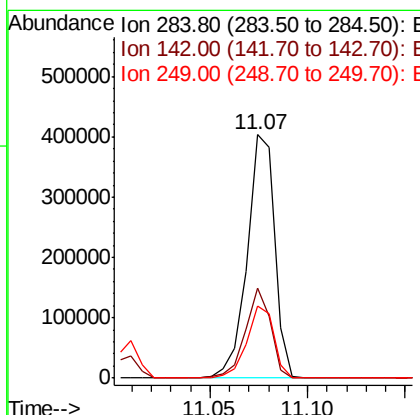
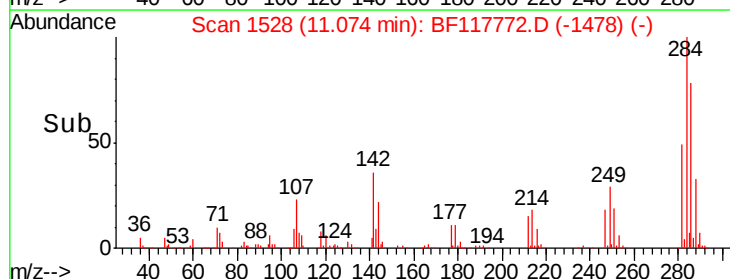
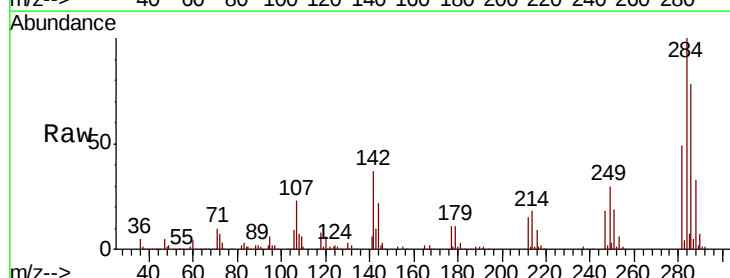
Manual Integrations
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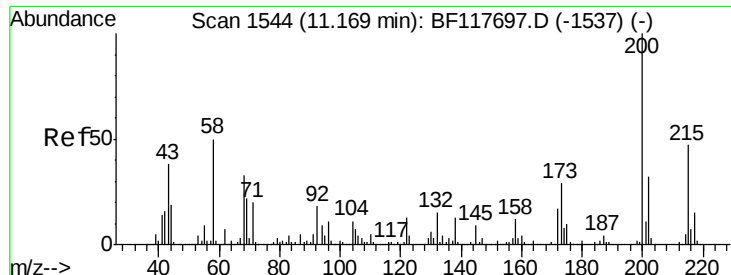
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#68
Hexachlorobenzene
Concen: 41.903 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.7	22.8	34.2#
249	29.5	23.0	34.6





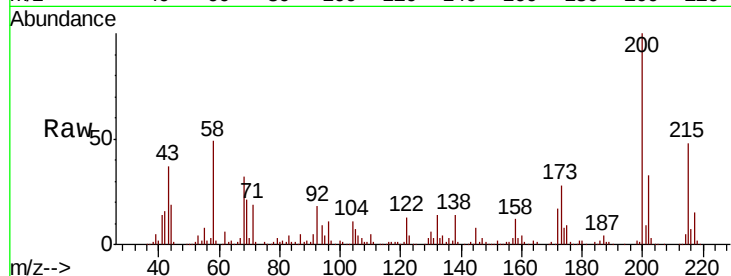
#69
 Atrazine
 Concen: 36.508 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BF117772.D
 Acq: 12 Nov 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMS

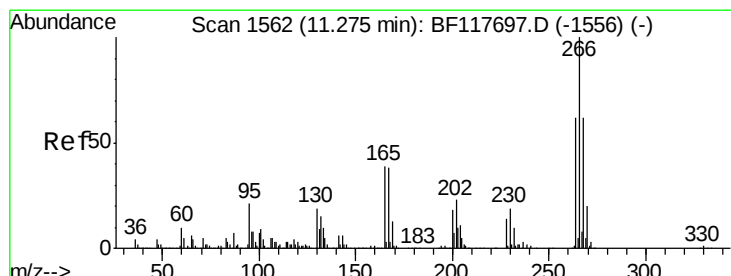
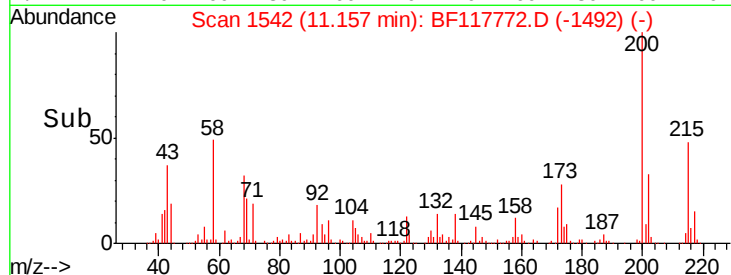
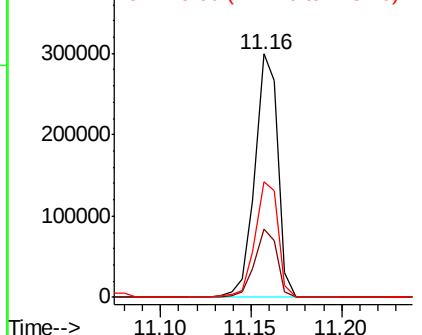
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.1	6.6	46.6
215	47.7	28.6	68.6

Manual Integrations
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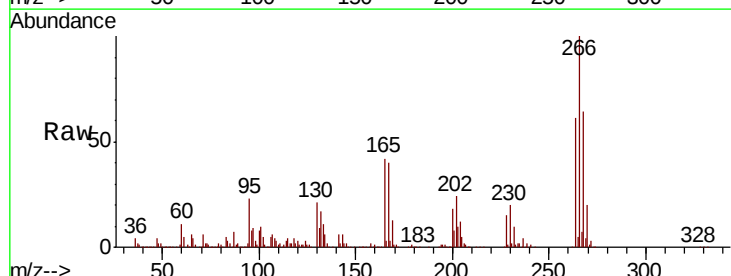


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

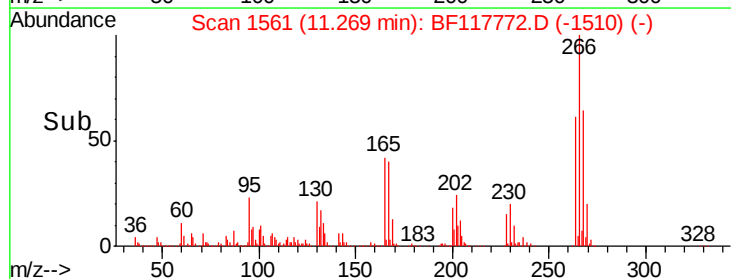
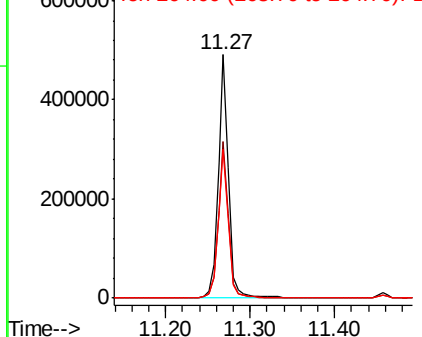


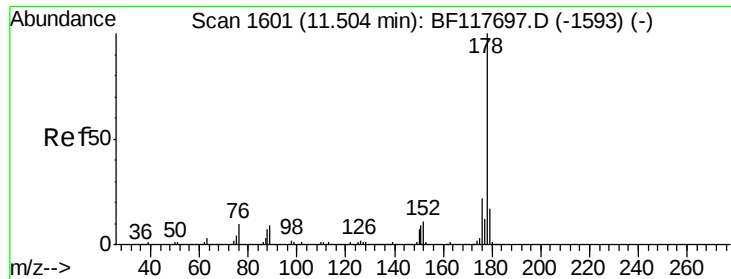
#70
 Pentachlorophenol
 Concen: 81.889 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BF117772.D
 Acq: 12 Nov 2019 20:58

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.3	50.1	75.1
264	61.3	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





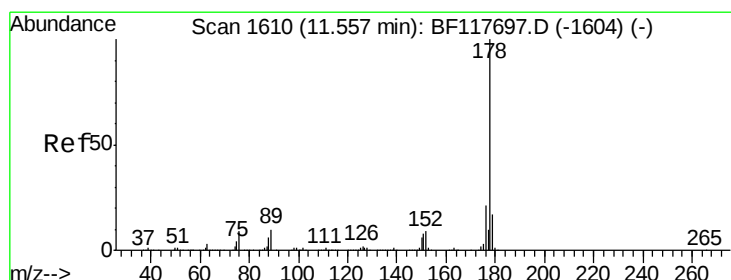
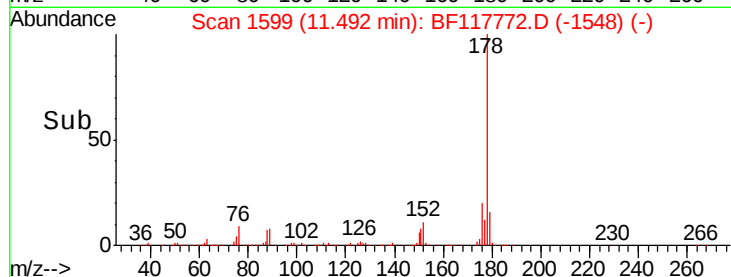
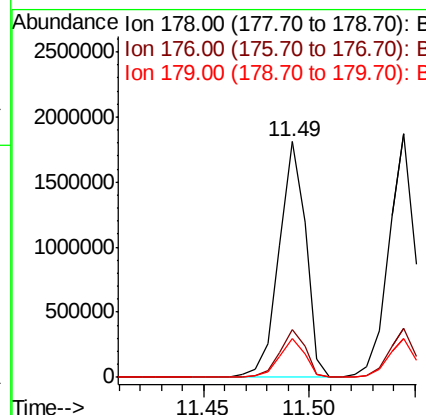
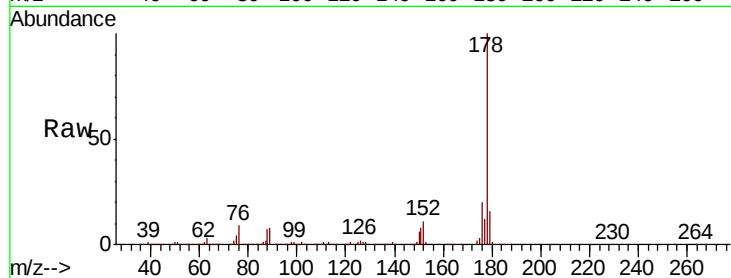
#71
Phenanthrene
Concen: 44.672 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion:178 Resp: 1595478
Ion Ratio Lower Upper
178 100
176 20.3 16.8 25.2
179 16.3 13.5 20.3

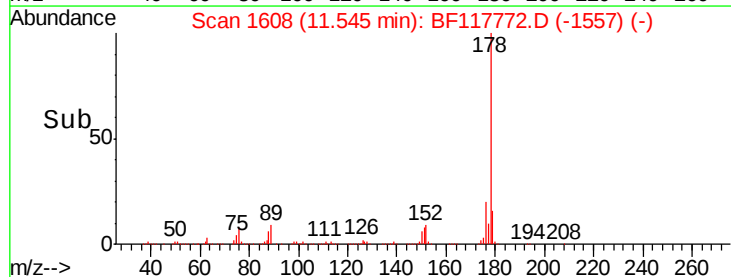
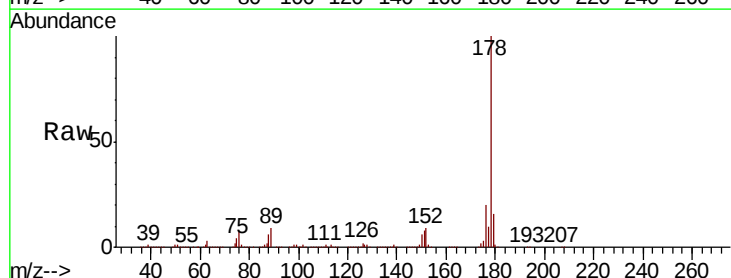
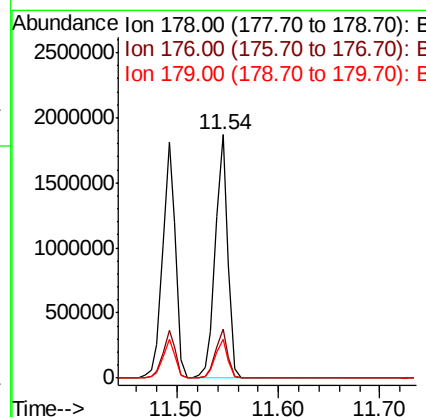
Manual Integrations
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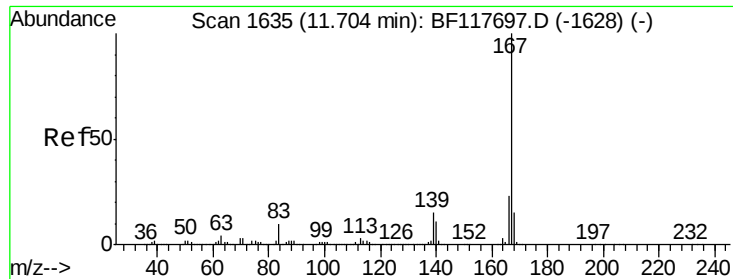
mohammad
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#72
Anthracene
Concen: 45.120 ng
RT: 11.54 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion:178 Resp: 1603258
Ion Ratio Lower Upper
178 100
176 19.9 16.4 24.6
179 16.2 13.6 20.4





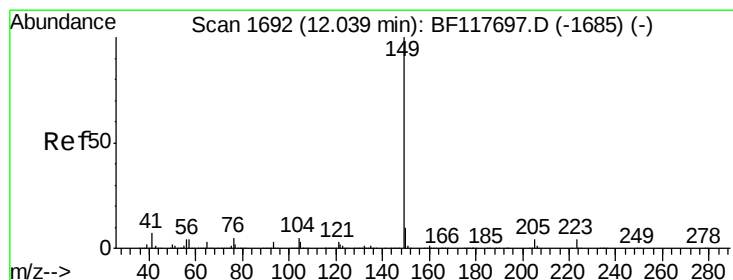
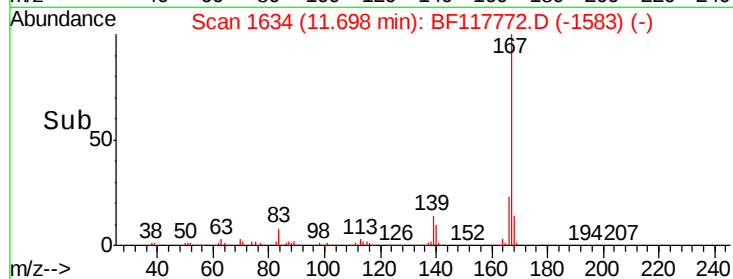
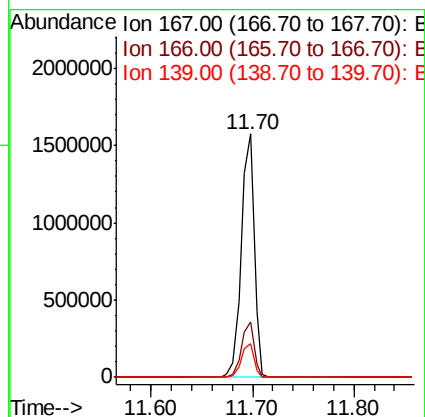
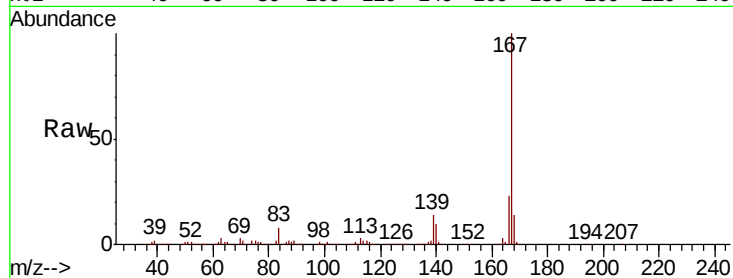
#73
 Carbazole
 Concen: 43.151 ng
 RT: 11.70 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BF117772.D
 Acq: 12 Nov 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.6	18.6	27.8	
139	13.8	11.6	17.4	

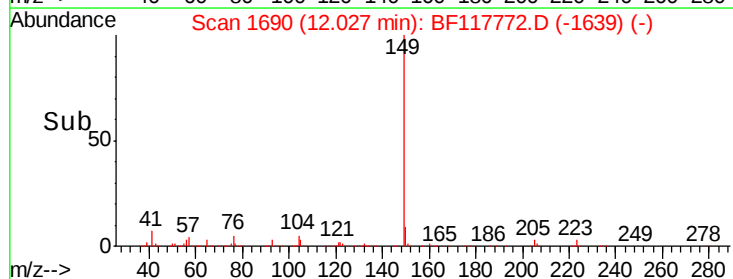
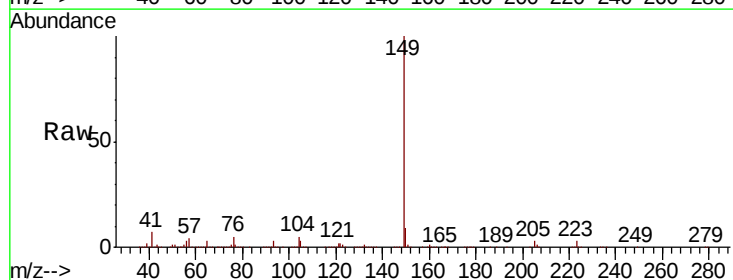
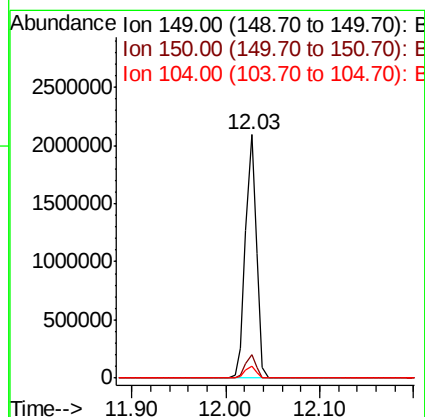
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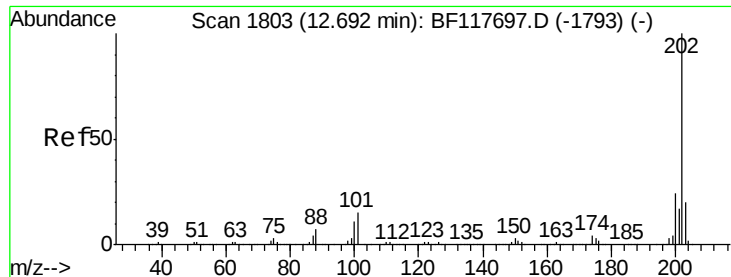
mohammad
 11/13/2019 6:48:41 PM



#74
 Di-n-butylphthalate
 Concen: 43.116 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BF117772.D
 Acq: 12 Nov 2019 20:58

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.5	8.2	12.4	
104	5.0	4.4	6.6	





#75

Fluoranthene

Concen: 44.280 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

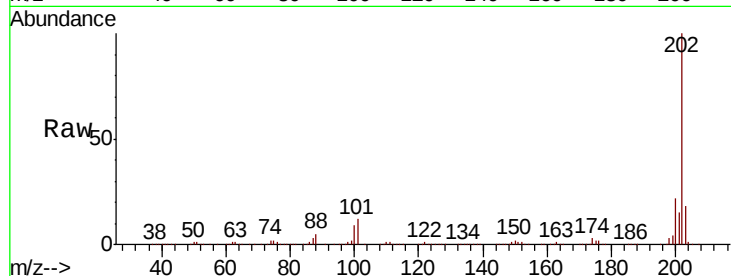
ClientSampleId :

TP-1A-COMPMS

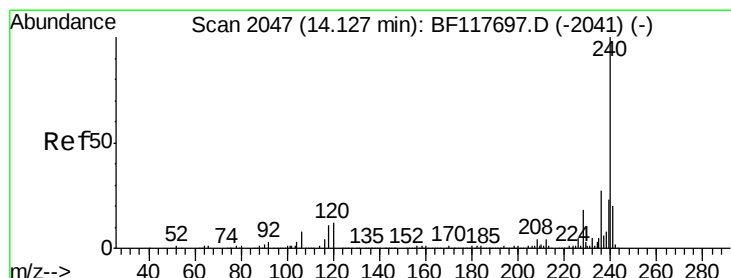
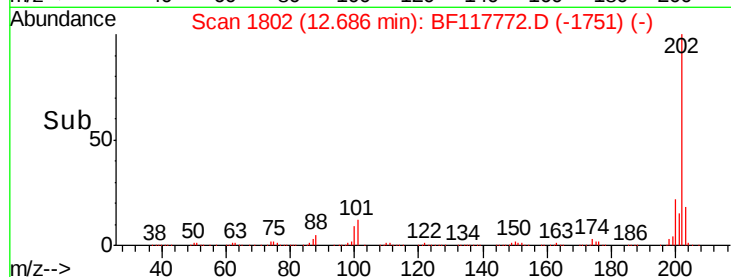
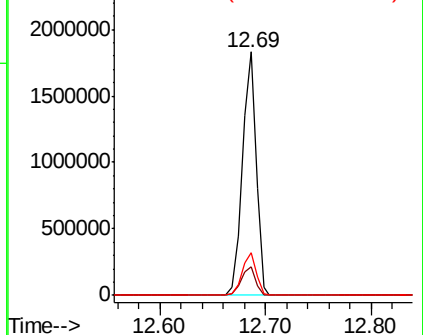
Tot Ion:	202	Resp:	1614847
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	32.5
203	17.7	0.0	38.9

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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

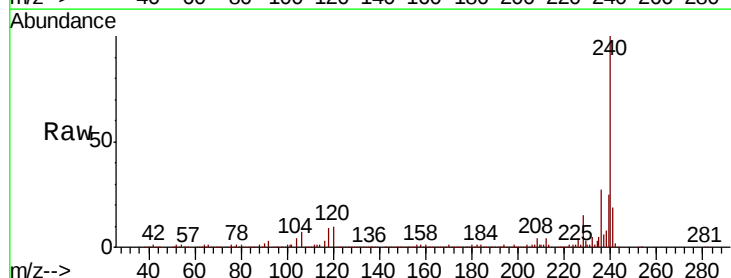
RT: 14.12 min Scan# 2046

Delta R.T. -0.00 min

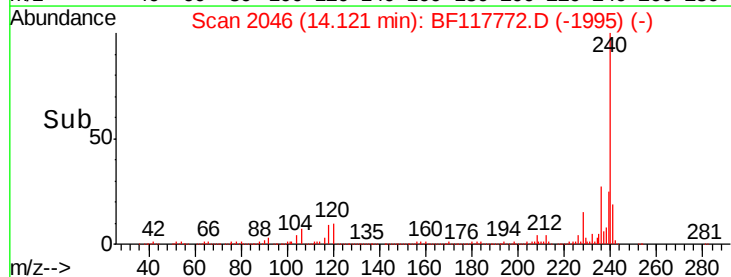
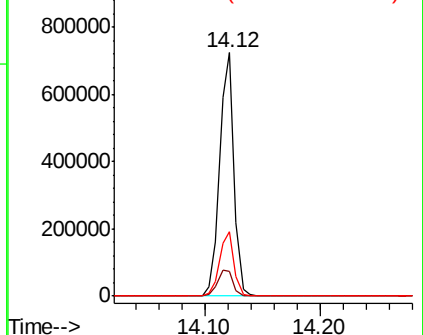
Lab File: BF117772.D

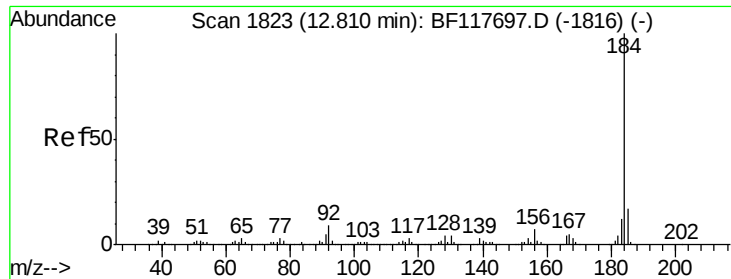
Acq: 12 Nov 2019 20:58

Tgt Ion:	240	Resp:	619074
Ion Ratio	Lower	Upper	
240	100		
120	10.2	9.3	13.9
236	26.7	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





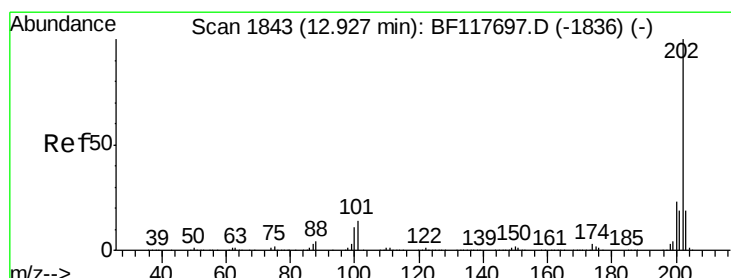
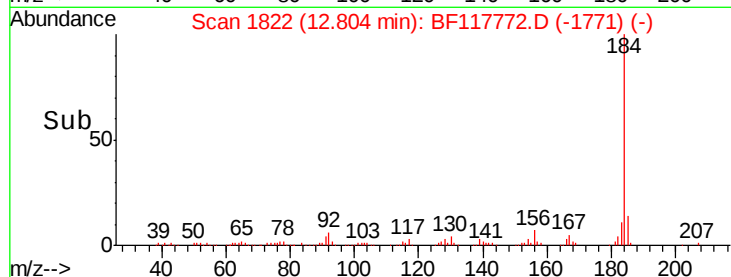
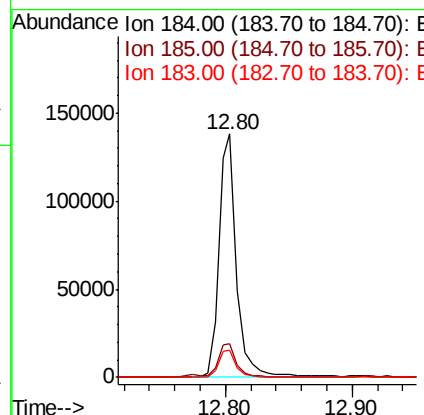
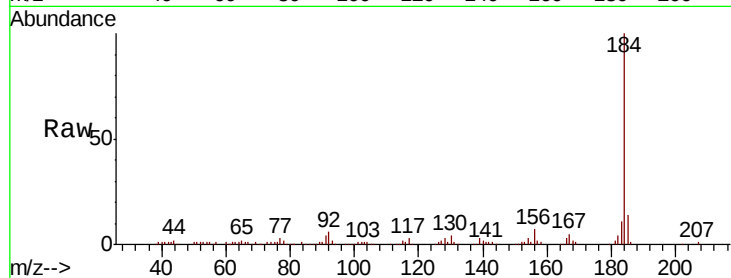
#77
Benzidine
Concen: 6.319 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.4	18.6
183	11.4	9.8	14.6

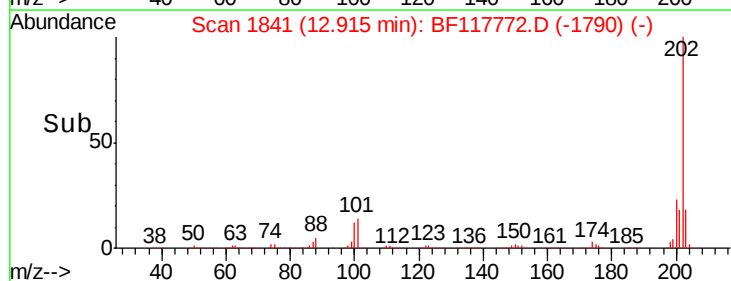
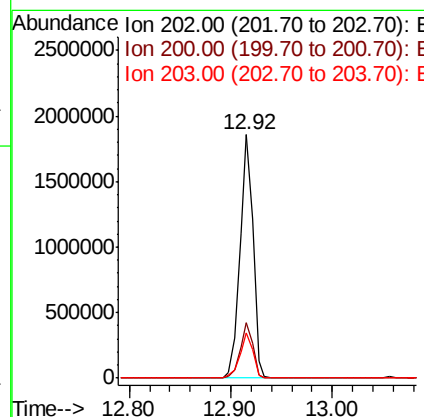
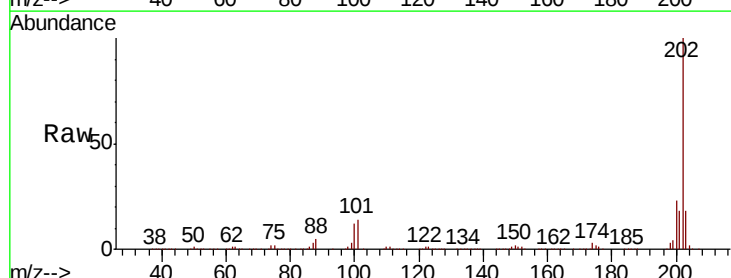
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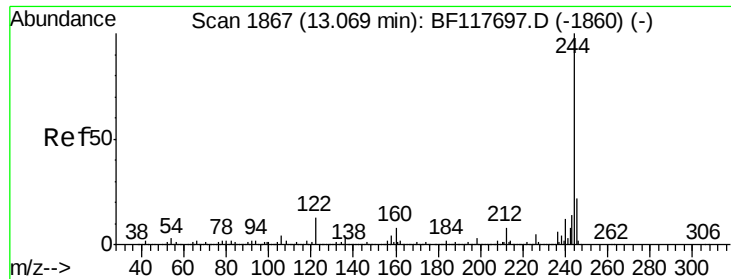
mohammad
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#78
Pyrene
Concen: 36.621 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.9	28.3
203	18.5	15.3	22.9





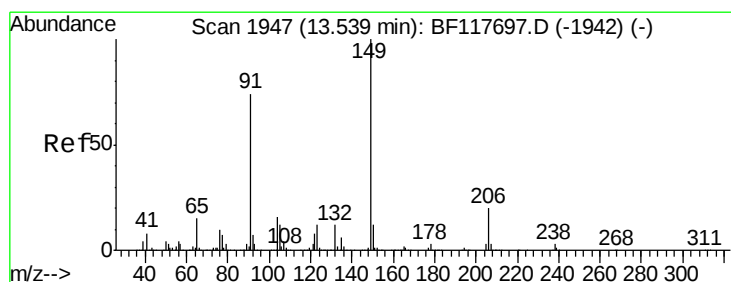
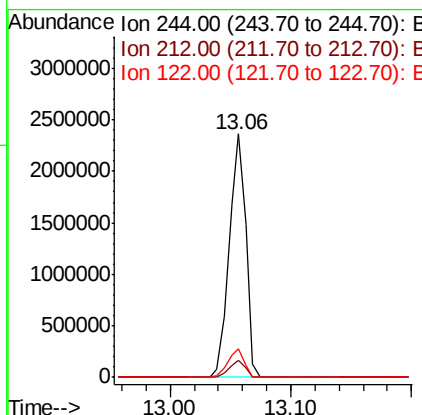
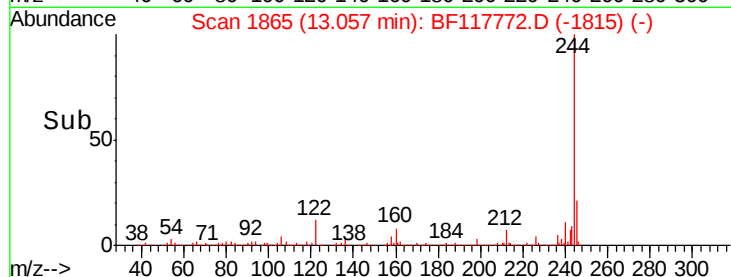
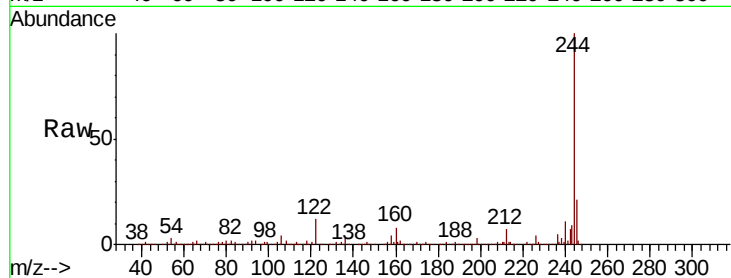
#79
 Terphenyl-d14
 Concen: 74.707 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF117772.D
 Acq: 12 Nov 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.4
122	11.7	9.1	13.7

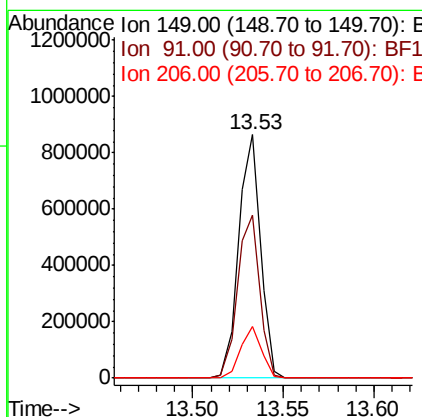
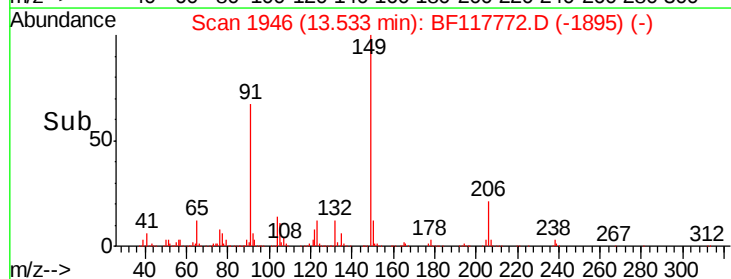
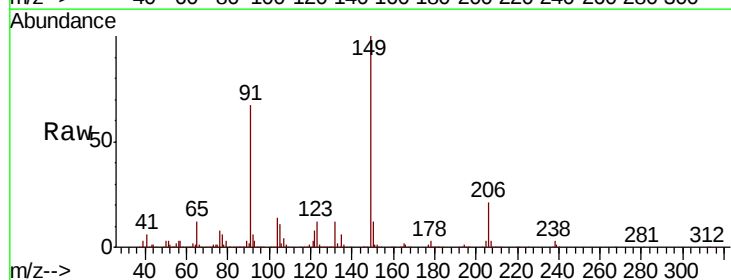
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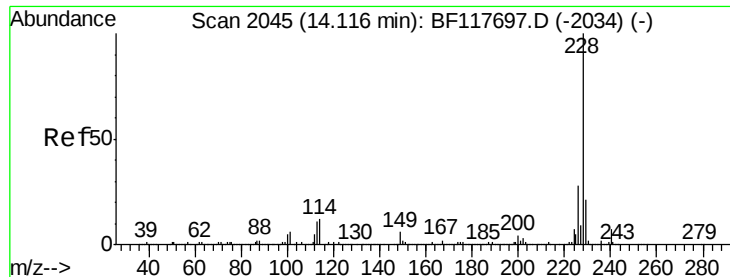
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#80
 Butylbenzylphthalate
 Concen: 34.674 ng
 RT: 13.53 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BF117772.D
 Acq: 12 Nov 2019 20:58

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.0	55.7	83.5
206	21.1	16.1	24.1





#81

Benzo(a)anthracene

Concen: 42.892 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

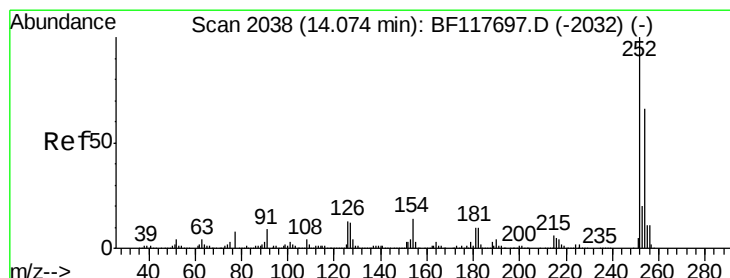
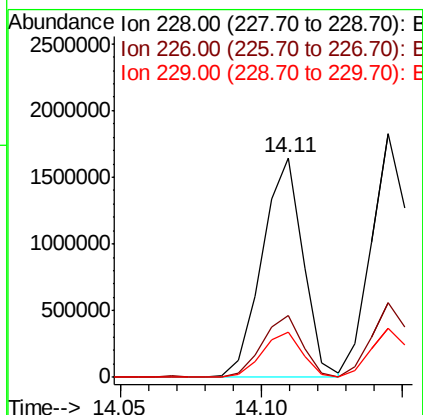
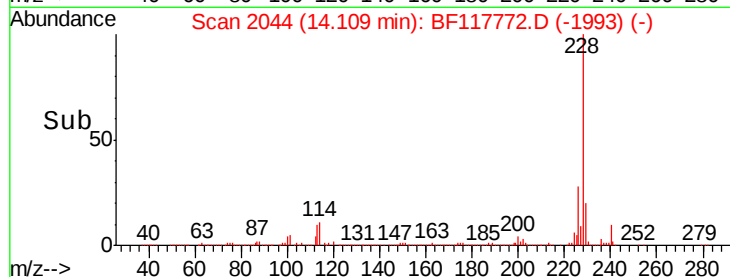
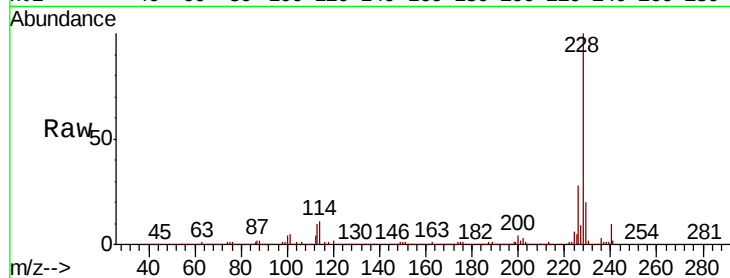
ClientSampleId :

TP-1A-COMPMS

Tot Ion:	228	Resp:	1652833
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.5	17.0	25.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 30.259 ng

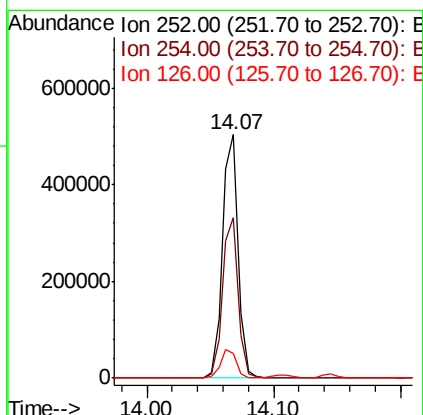
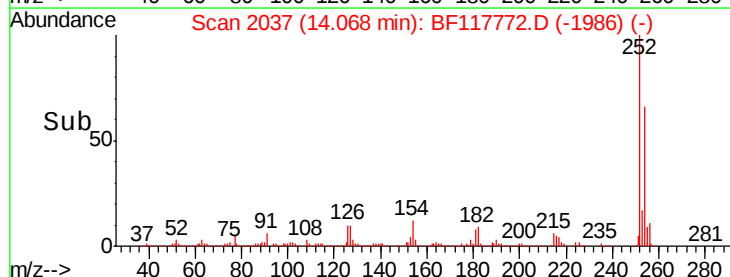
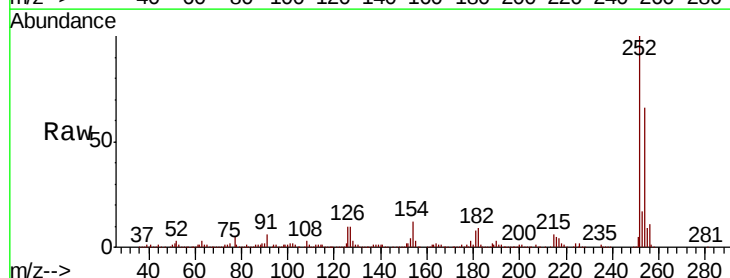
RT: 14.07 min Scan# 2037

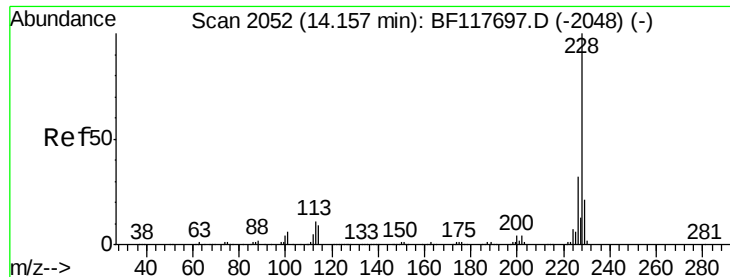
Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Tgt Ion:	252	Resp:	435493
Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.0	76.4
126	9.9	9.4	14.2





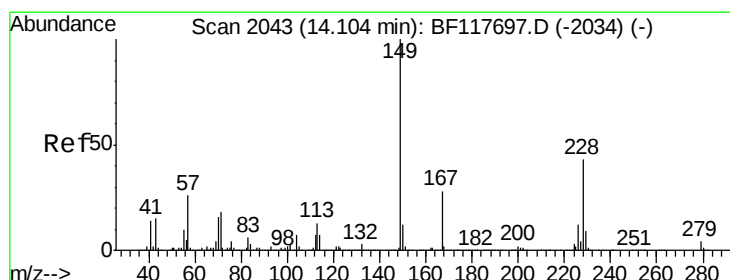
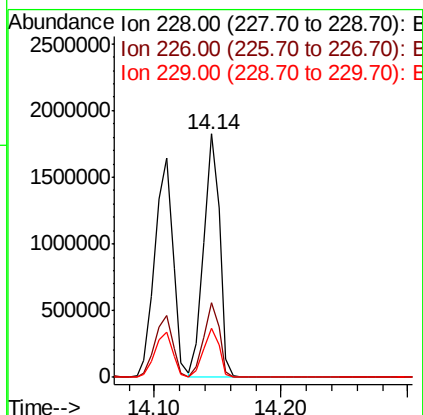
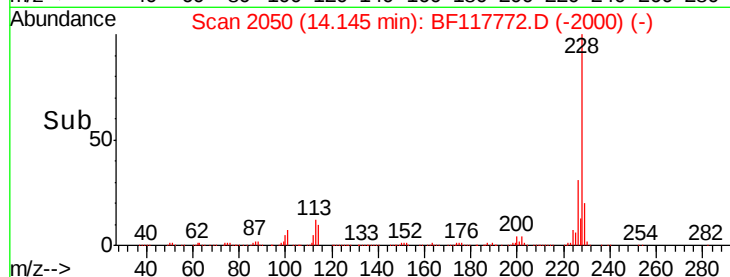
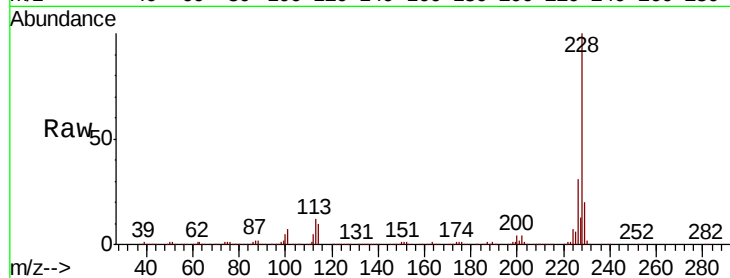
#83
Chrysene
Concen: 41.961 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	30.6	25.1	37.7	
229	20.4	16.6	25.0	

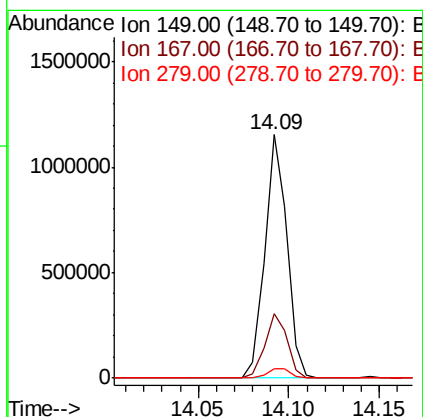
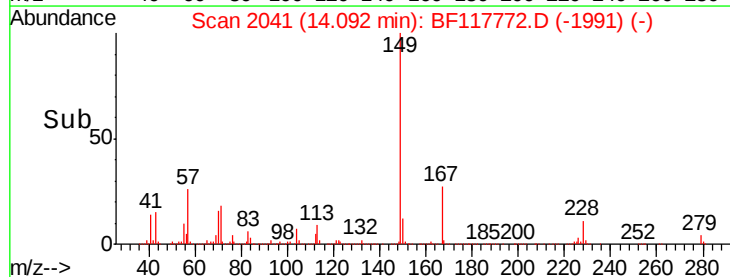
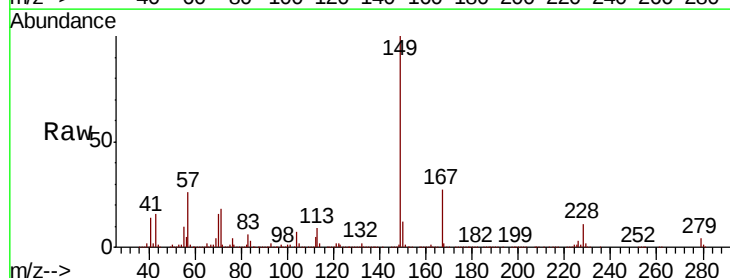
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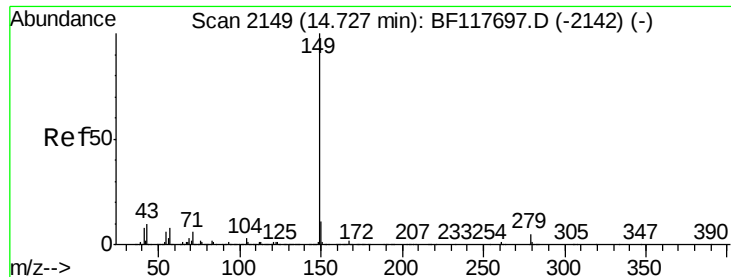
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#84
Bis(2-ethylhexyl)phthalate
Concen: 36.288 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	26.6	22.1	33.1	
279	3.9	3.8	5.8	





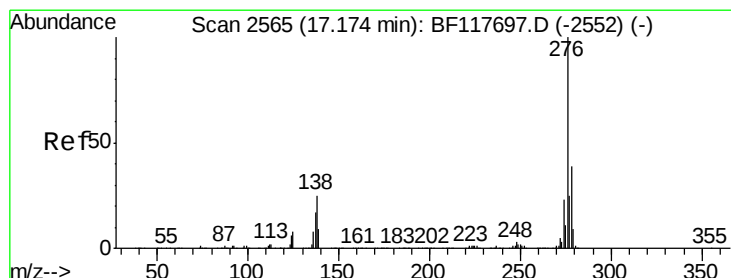
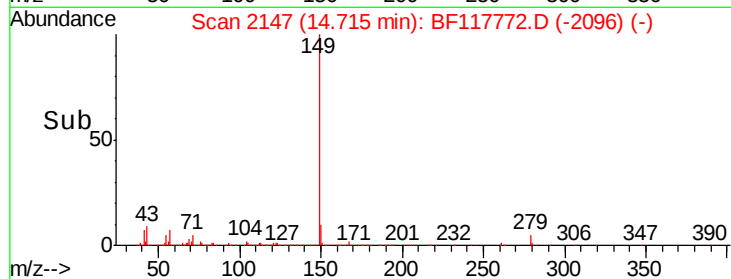
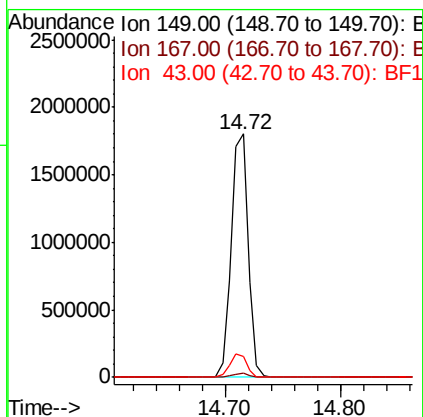
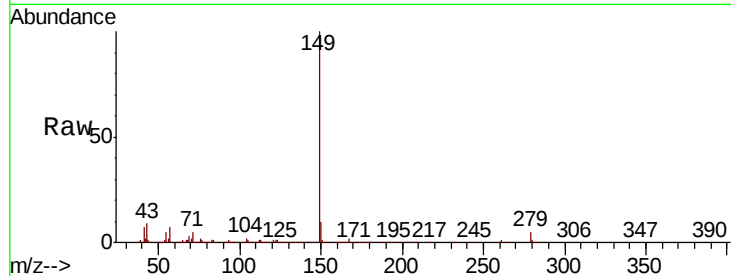
#85
Di-n-octyl phthalate
Concen: 43.040 ng
RT: 14.72 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.4	7.8	11.6

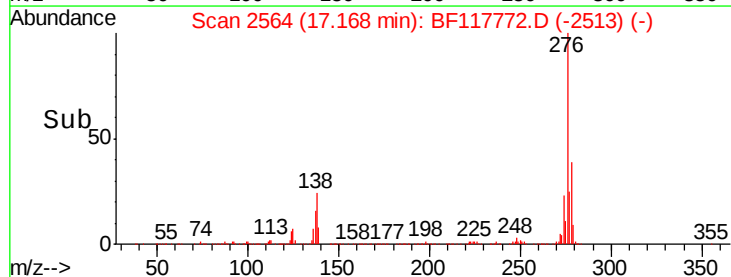
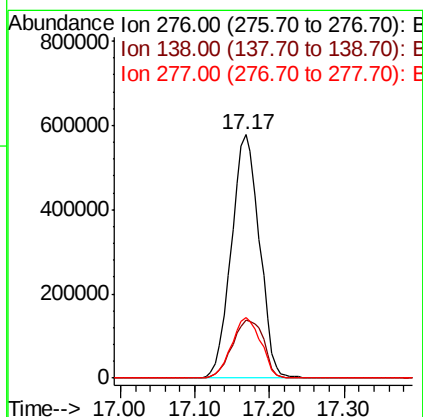
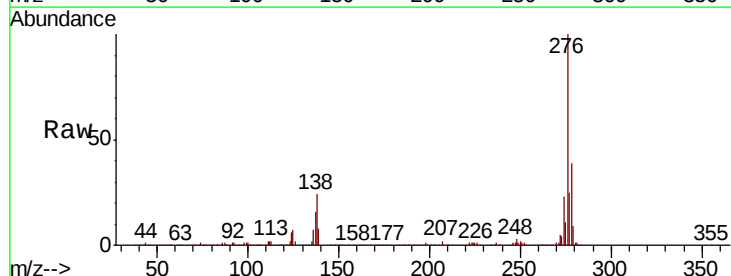
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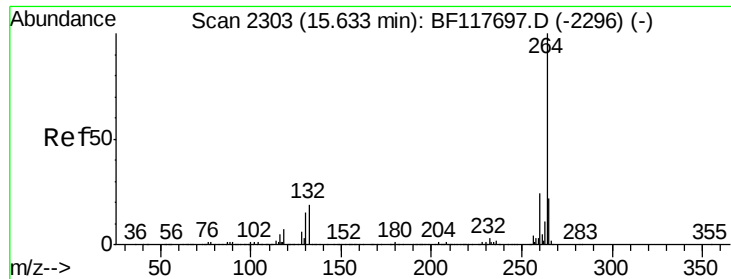
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.592 ng
RT: 17.17 min Scan# 2564
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.2	31.8
277	26.0	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: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

Tot Ion:264 Resp: 717832

Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.6

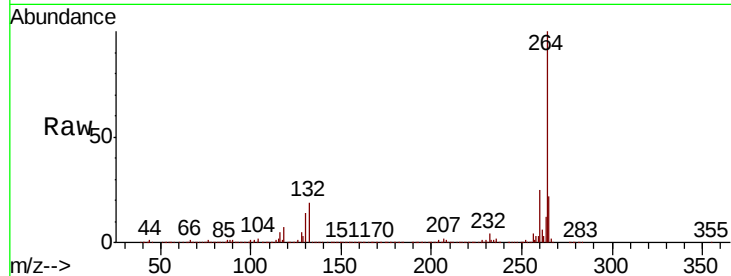
265 21.9 17.2 25.8

Manual Integrations

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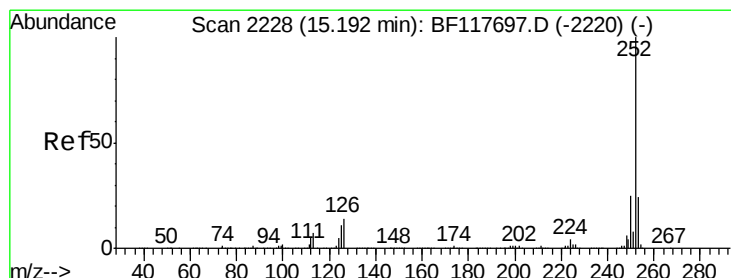
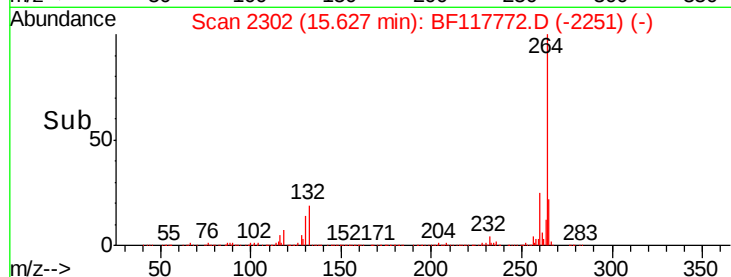
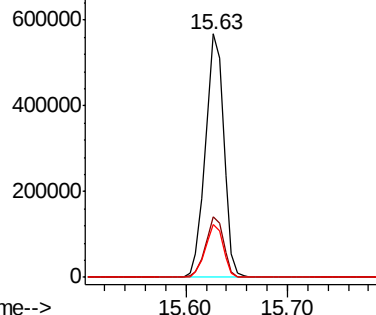
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.906 ng

RT: 15.18 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

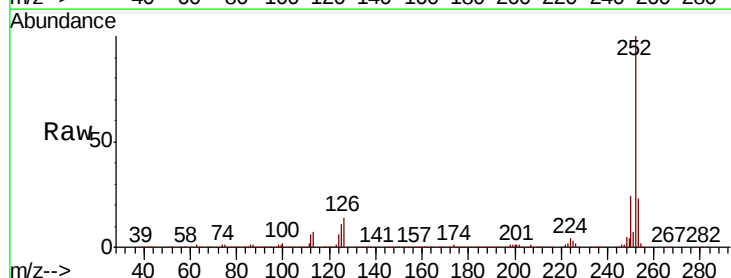
Tgt Ion:252 Resp: 1849373

Ion Ratio Lower Upper

252 100

253 22.6 18.3 27.5

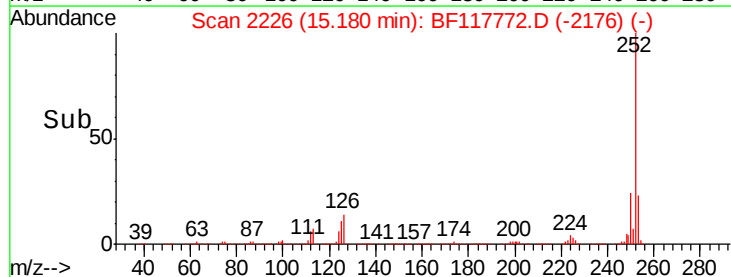
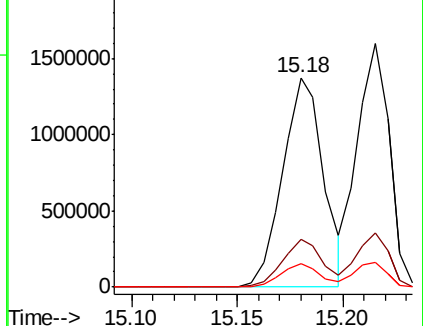
125 10.9 8.4 12.6

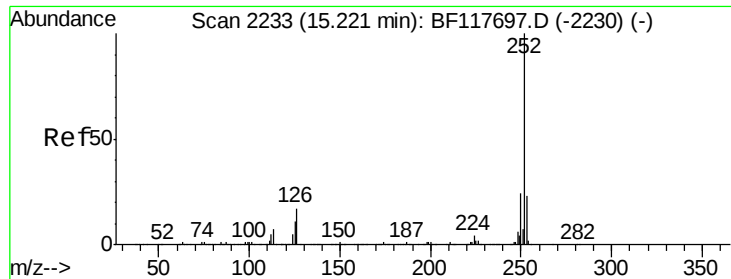


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





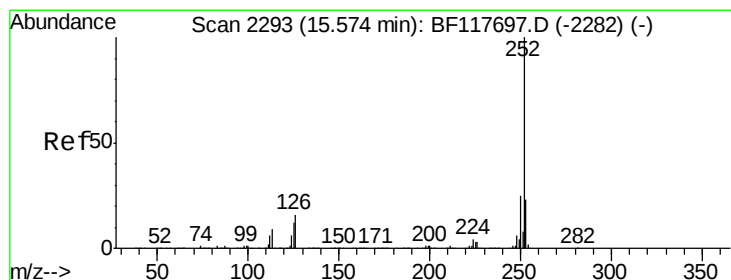
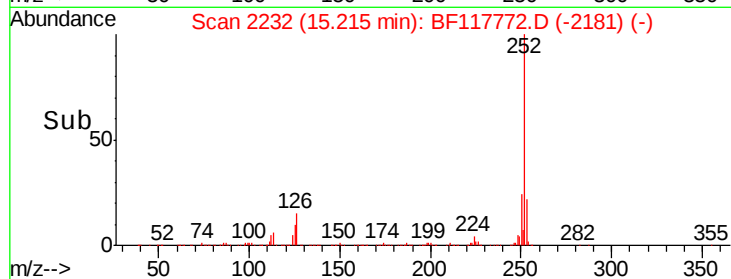
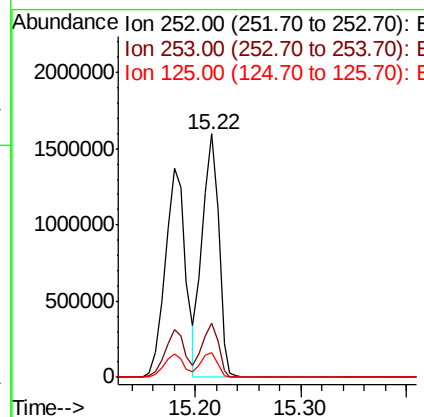
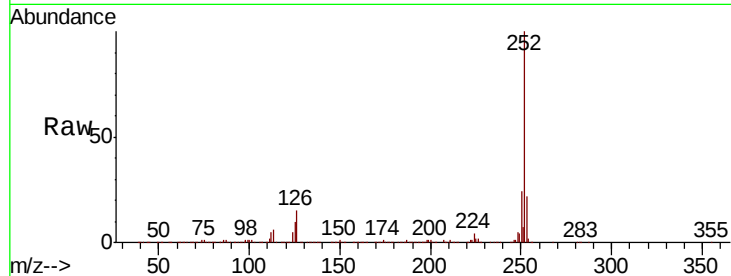
#89
Benzo(k)fluoranthene
Concen: 42.465 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	28.0
125	10.2	8.9	13.3

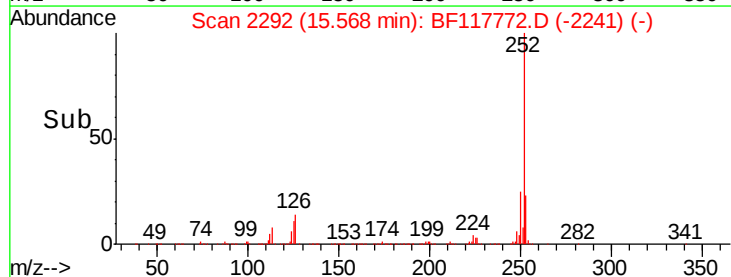
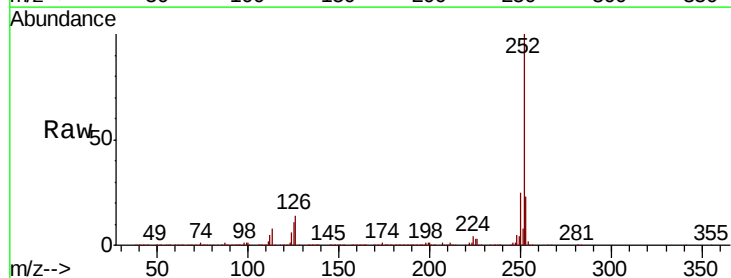
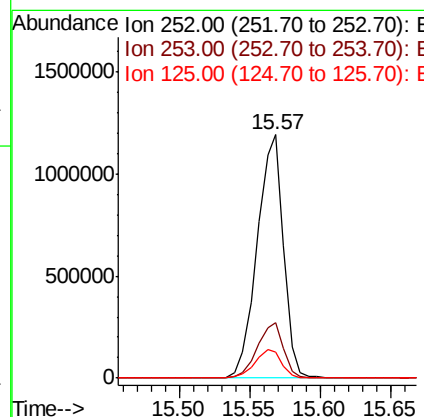
Manual Integrations
APPROVED

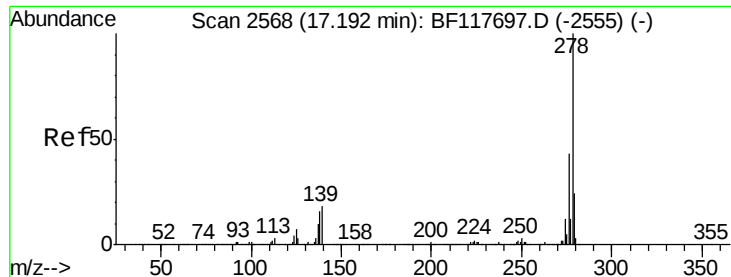
mohammad
11/13/2019 6:48:41 PM



#90
Benzo(a)pyrene
Concen: 39.975 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	10.8	9.6	14.4





#91

Dibenzo(a,h)anthracene

Concen: 36.663 ng

RT: 17.19 min Scan# 2568

Delta R.T. 0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

Tot Ion:278 Resp: 1288689

Ion Ratio Lower Upper

278 100

139 15.2 13.8 20.6

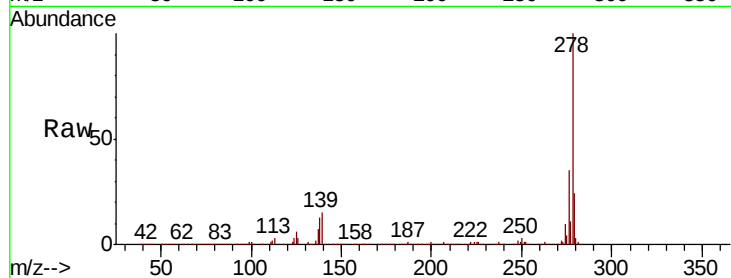
279 23.5 19.6 29.4

Manual Integrations

APPROVED

mohammad

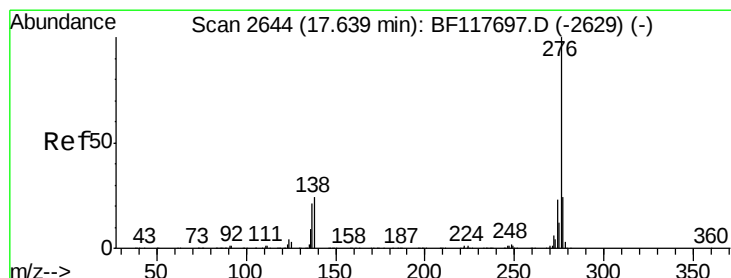
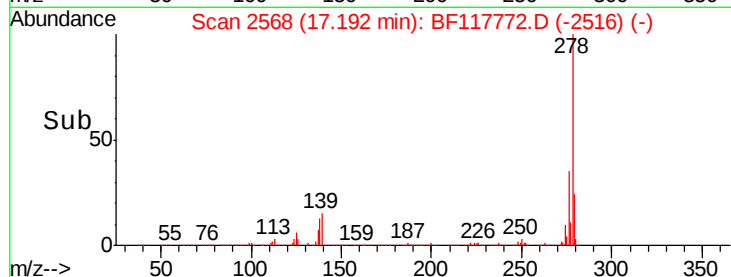
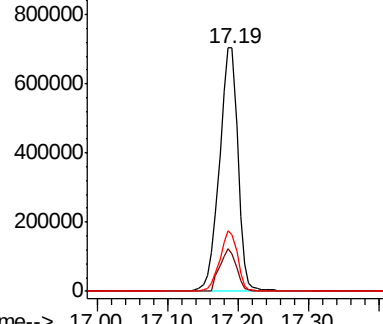
11/13/2019 6:48:41 PM



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: 34.837 ng

RT: 17.63 min Scan# 2643

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

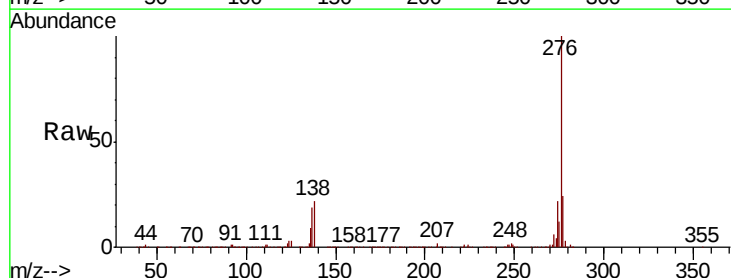
Tgt Ion:276 Resp: 1186706

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 22.1 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

