

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117759.D
 Acq On : 12 Nov 2019 15:08
 Operator : JU
 Sample : K5789-07MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16B-SMS

Manual Integrations
 APPROVED

mohammad
 11/13/2019 6:48:23 PM

Quant Time: Nov 12 15:51:56 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	283709	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1095443	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	579489	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1075449	20.00	ng	0.00
76) Chrysene-d12	14.12	240	614010	20.00	ng	0.00
87) Perylene-d12	15.63	264	709078	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1240063	79.12	ng	0.00
7) Phenol-d6	6.55	99	1580778	81.80	ng	0.00
23) Nitrobenzene-d5	7.49	82	963279	51.92	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	471644	83.20	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	1924900	65.54	ng	0.00
79) Terphenyl-d14	13.06	244	1942027	65.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	269406	34.498	ng	99
3) Pyridine	3.53	79	665349	30.974	ng	99
4) n-Nitrosodimethylamine	3.49	42	337632	35.667	ng	95
6) Aniline	6.59	93	749071	27.619	ng	97
8) 2-Chlorophenol	6.71	128	705272	40.450	ng	97
9) Benzaldehyde	6.47	77	371330	27.615	ng	97
10) Phenol	6.56	94	869435	41.752	ng	95
11) bis(2-Chloroethyl)ether	6.66	93	645791	37.555	ng	96
12) 1,3-Dichlorobenzene	6.87	146	779067	38.547	ng	99
13) 1,4-Dichlorobenzene	6.95	146	781856	38.646	ng	98
14) 1,2-Dichlorobenzene	7.10	146	739810	39.715	ng	98
15) Benzyl Alcohol	7.06	79	601039	39.006	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	955688	35.151	ng	99
17) 2-Methylphenol	7.17	107	581319	38.820	ng	99
18) Hexachloroethane	7.45	117	282428	37.767	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	458707	36.099	ng	99
20) 3+4-Methylphenols	7.32	107	706954	39.647	ng	94
22) Acetophenone	7.33	105	910544	36.368	ng	99
24) Nitrobenzene	7.50	77	729370	37.645	ng	99
25) Isophorone	7.75	82	1312010	36.971	ng	98
26) 2-Nitrophenol	7.82	139	373615	41.537	ng	98
27) 2,4-Dimethylphenol	7.86	122	643917	42.456	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	795556	34.923	ng	100
29) 2,4-Dichlorophenol	8.06	162	594714	38.060	ng	99
30) 1,2,4-Trichlorobenzene	8.15	180	671087	37.516	ng	99
31) Naphthalene	8.23	128	1987754	39.699	ng	100
32) Benzoic acid	7.96	122	448768	37.379	ng	96
33) 4-Chloroaniline	8.27	127	419410	18.027	ng	99
34) Hexachlorobutadiene	8.35	225	376767	36.781	ng	99
35) Caprolactam	8.64	113	188666m	36.429	ng	
36) 4-Chloro-3-methylphenol	8.76	107	609528	38.657	ng	99
37) 2-Methylnaphthalene	8.93	142	1363262	39.993	ng	98
38) 1-Methylnaphthalene	9.03	142	1297251	40.075	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	600358	37.869	ng	98

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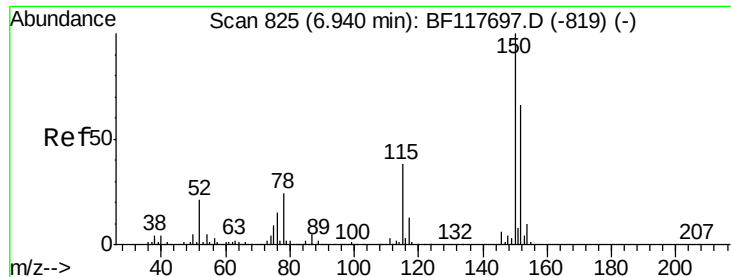
Manual Integrations
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 11/13/2019 6:48:23 PM

Quant Time: Nov 12 15:51:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	697617	81.567	ng	100
43) 2,4,6-Trichlorophenol	9.20	196	439021	38.023	ng	97
44) 2,4,5-Trichlorophenol	9.24	196	475531	40.631	ng	97
46) 1,1'-Biphenyl	9.39	154	1627551	40.102	ng	99
47) 2-Chloronaphthalene	9.42	162	1286463	38.197	ng	98
48) 2-Nitroaniline	9.51	65	379493	35.956	ng	97
49) Acenaphthylene	9.84	152	2007103	40.921	ng	98
50) Dimethylphthalate	9.69	163	1692519	43.204	ng	99
51) 2,6-Dinitrotoluene	9.75	165	341393	38.917	ng	89
52) Acenaphthene	10.01	154	1311195	41.428	ng	99
53) 3-Nitroaniline	9.92	138	227532	21.499	ng	97
54) 2,4-Dinitrophenol	10.03	184	270723	90.019	ng	97
55) Dibenzofuran	10.18	168	1768613	39.934	ng	99
56) 4-Nitrophenol	10.07	139	593018	74.508	ng	91
57) 2,4-Dinitrotoluene	10.16	165	432551	38.439	ng	98
58) Fluorene	10.53	166	1277236	39.130	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	383084	39.376	ng	99
60) Diethylphthalate	10.40	149	1471411	38.192	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	671284	39.507	ng	99
62) 4-Nitroaniline	10.54	138	340796	32.717	ng	95
63) Azobenzene	10.68	77	1368835	37.512	ng	99
65) 4,6-Dinitro-2-methylphenol	10.57	198	194500	45.292	ng	90
66) n-Nitrosodiphenylamine	10.63	169	1207807	38.025	ng	99
67) 4-Bromophenyl-phenylether	11.01	248	430657	36.667	ng	97
68) Hexachlorobenzene	11.07	284	486042	35.822	ng	# 91
69) Atrazine	11.16	200	408933	39.069	ng	99
70) Pentachlorophenol	11.27	266	536008	70.668	ng	100
71) Phenanthrene	11.49	178	1947819	37.786	ng	99
72) Anthracene	11.54	178	2004112	39.078	ng	99
73) Carbazole	11.70	167	1759715	37.535	ng	99
74) Di-n-butylphthalate	12.03	149	2160339	37.896	ng	99
75) Fluoranthene	12.69	202	1905697	36.206	ng	98
77) Benzidine	12.80	184	1041317	48.780	ng	99
78) Pyrene	12.92	202	1873686	41.803	ng	99
80) Butylbenzylphthalate	13.53	149	846900	40.906	ng	98
81) Benzo(a)anthracene	14.10	228	1458011	38.148	ng	99
82) 3,3'-Dichlorobenzidine	14.06	252	418266	29.302	ng	98
83) Chrysene	14.14	228	1448982	38.390	ng	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	1119441	41.917	ng	# 99
85) Di-n-octyl phthalate	14.72	149	1759279	41.863	ng	99
86) Indeno(1,2,3-cd)pyrene	17.17	276	1923651	54.758	ng	100
88) Benzo(b)fluoranthene	15.18	252	1503297	33.662	ng	99
89) Benzo(k)fluoranthene	15.21	252	1489863	37.405	ng	99
90) Benzo(a)pyrene	15.56	252	1417634	36.619	ng	99
91) Dibenzo(a,h)anthracene	17.19	278	1583828	45.616	ng	99
92) Benzo(g,h,i)perylene	17.63	276	1644414	48.870	ng	99

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



#1

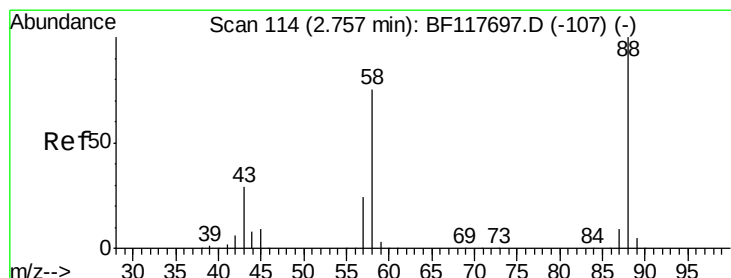
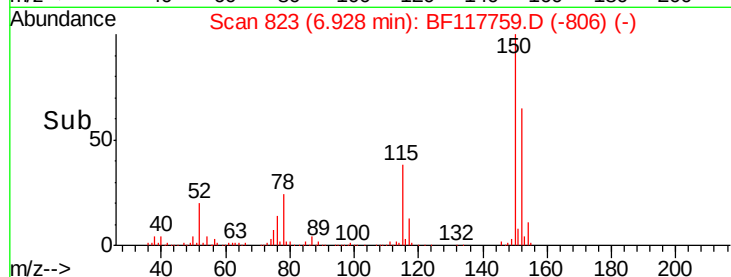
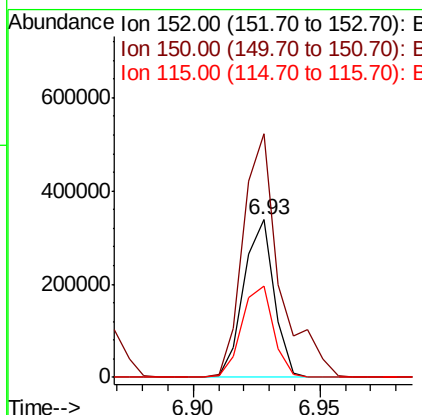
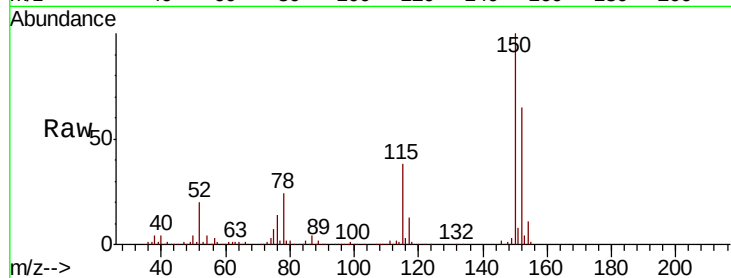
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.6	190.0
115	58.2	47.6	71.4

Manual Integrations
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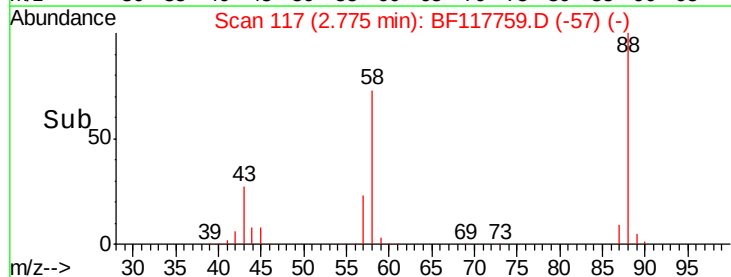
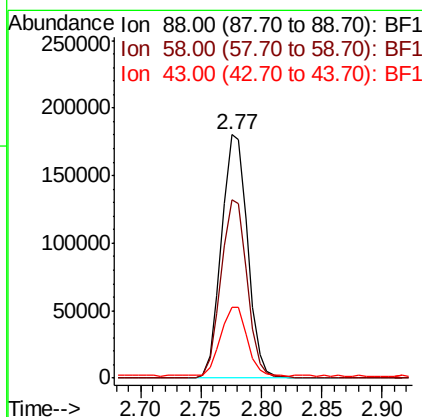
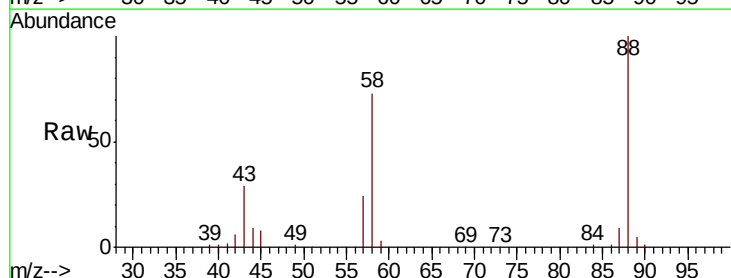
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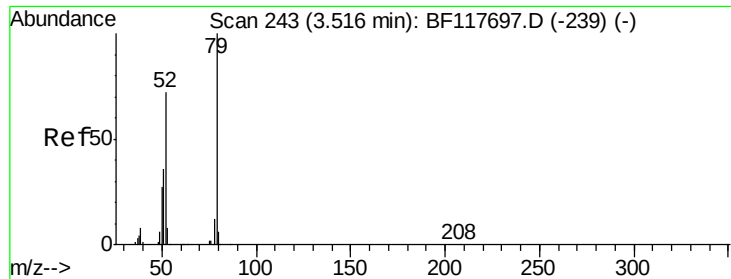


#2

1,4-Dioxane
Concen: 34.498 ng
RT: 2.77 min Scan# 117
Delta R.T. 0.05 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	59.2	88.8
43	28.9	23.0	34.4





#3

Pvridine

Concen: 30.974 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.04 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Instrument :

BNA_F

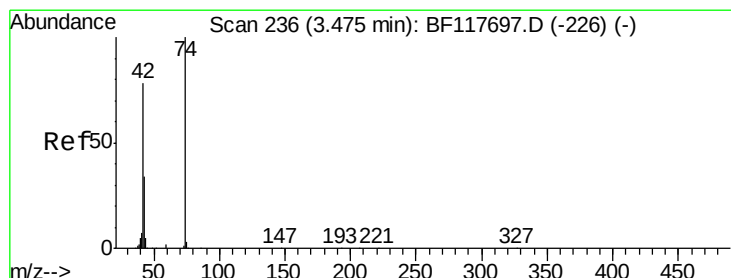
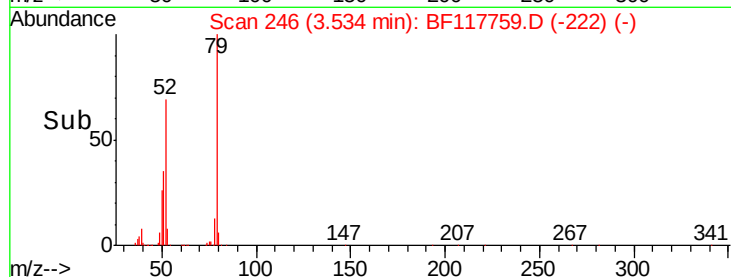
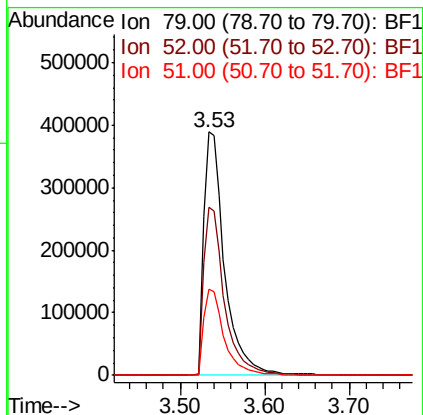
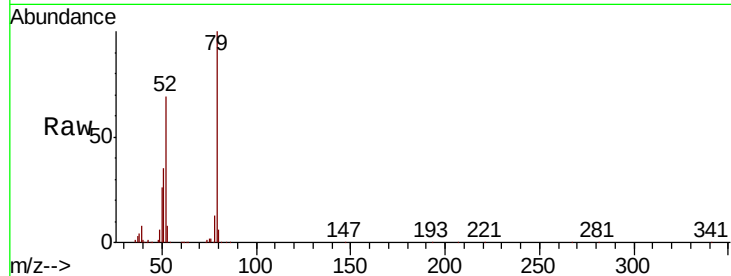
ClientSampled :

TP-16B-SMS

Tot Ion:	79	Resp:	665349
Ion	Ratio	Lower	Upper
79	100		
52	68.9	55.6	83.4
51	35.3	27.7	41.5

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.667 ng

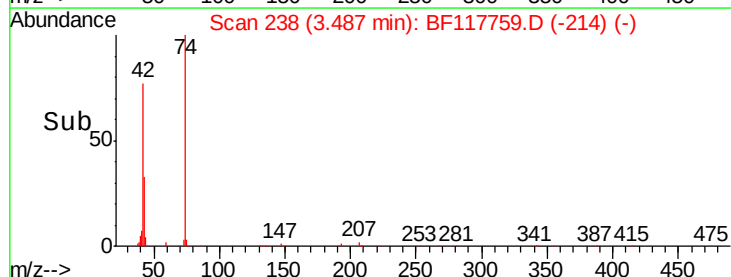
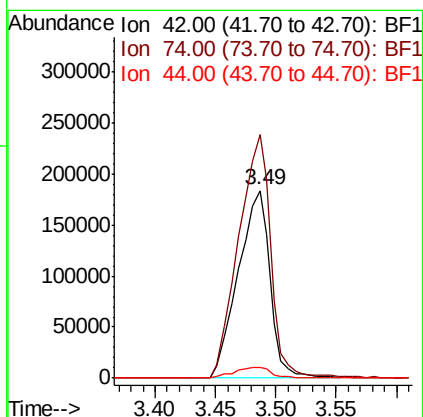
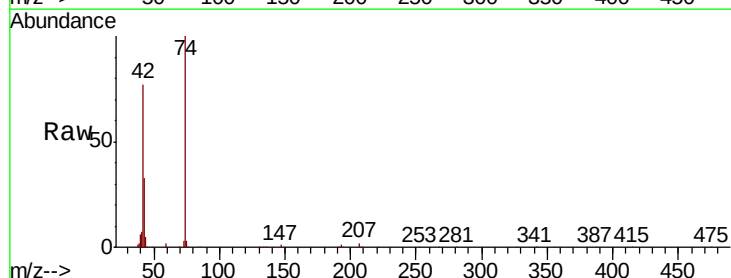
RT: 3.49 min Scan# 238

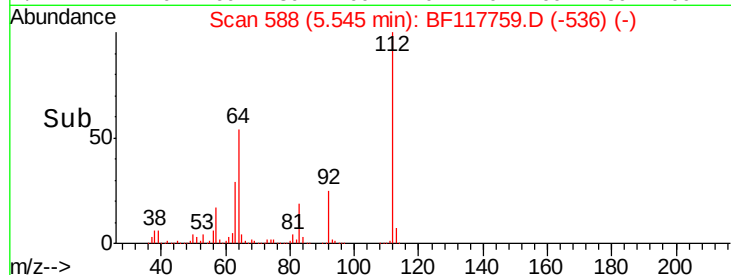
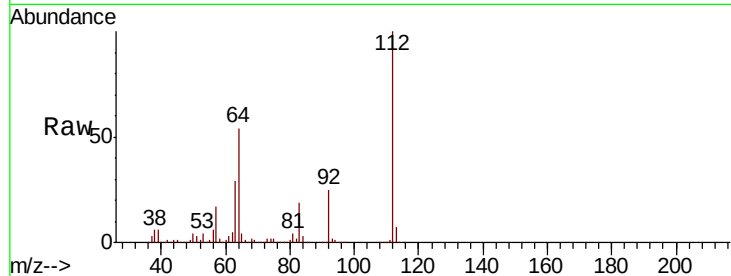
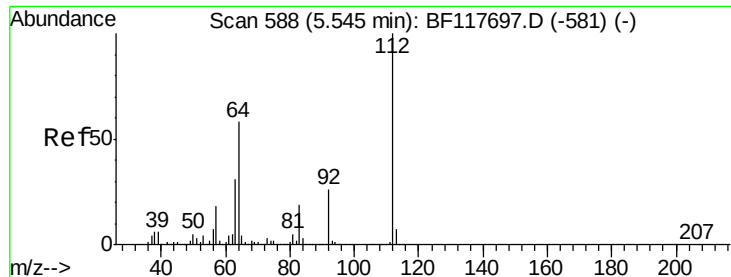
Delta R.T. 0.04 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Tgt Ion:	42	Resp:	337632
Ion	Ratio	Lower	Upper
42	100		
74	130.0	108.5	162.7
44	6.0	5.0	7.6





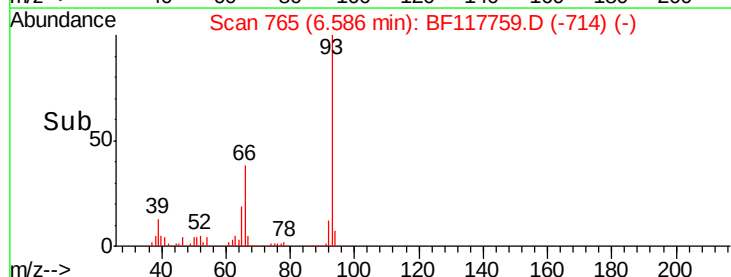
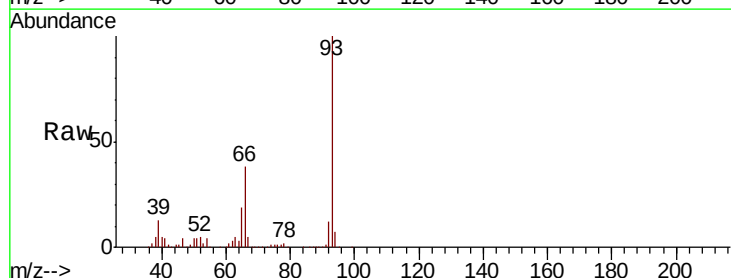
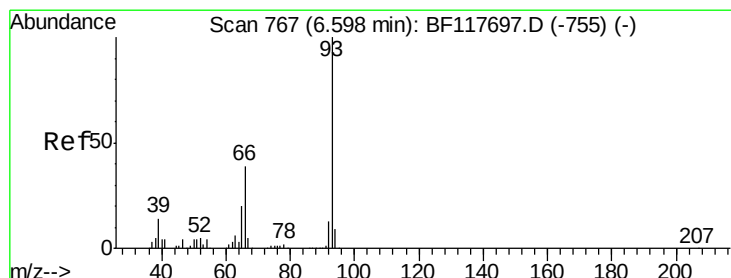
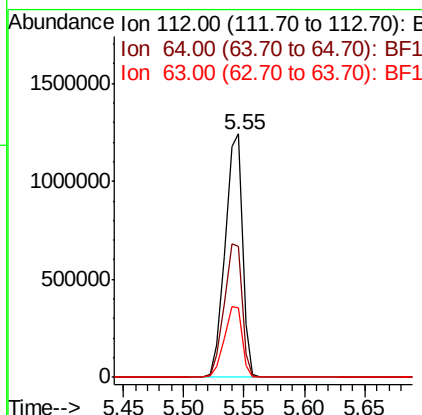
#5
2-Fluorophenol
Concen: 79.120 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tot Ion	Ratio	Lower	Upper
112	100		
64	54.0	43.5	65.3
63	28.8	23.5	35.3

Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

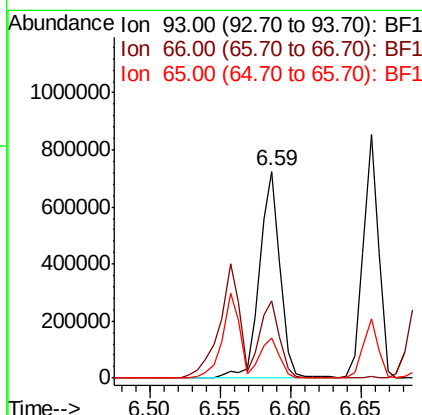
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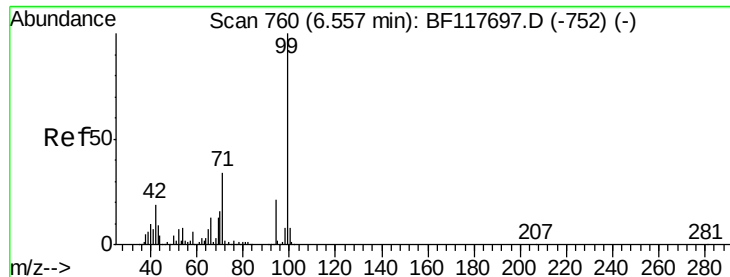
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#6
Aniline
Concen: 27.619 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion	Ratio	Lower	Upper
93	100		
66	37.6	31.8	47.6
65	19.2	16.2	24.2





#7

Phenol-d6

Concen: 81.797 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Instrument :

BNA_F

ClientSampleId :

TP-16B-SMS

Tot Ion: 99 Resp: 1580778

Ion Ratio Lower Upper

99 100

42 19.2 15.3 22.9

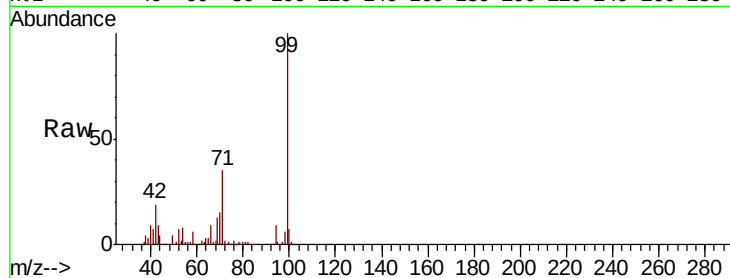
71 35.4 28.2 42.2

Manual Integrations

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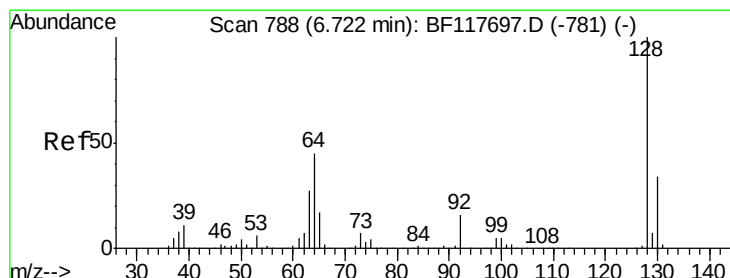
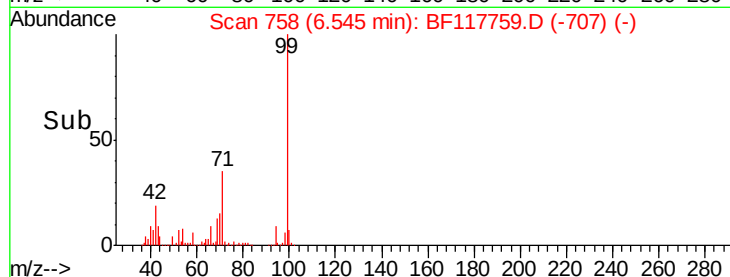
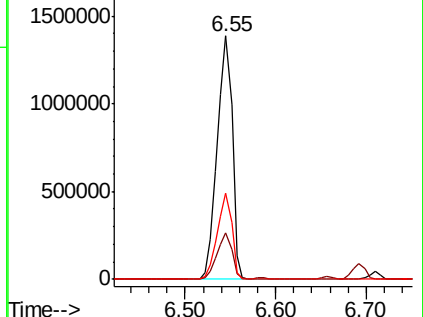
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.450 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

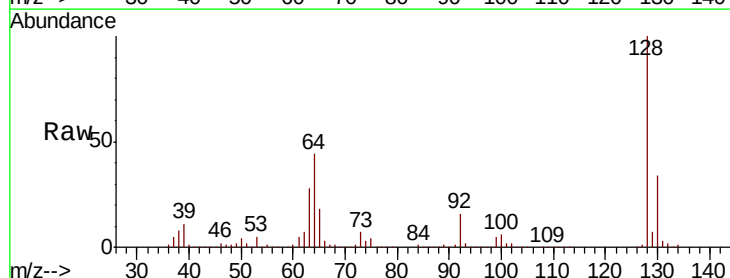
Tgt Ion: 128 Resp: 705272

Ion Ratio Lower Upper

128 100

130 33.5 12.4 52.4

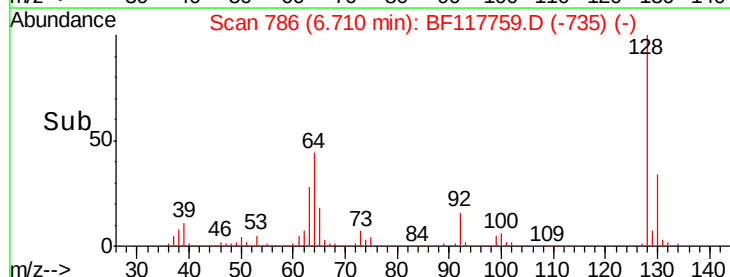
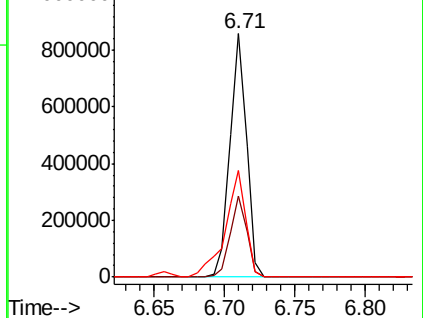
64 44.0 26.1 66.1

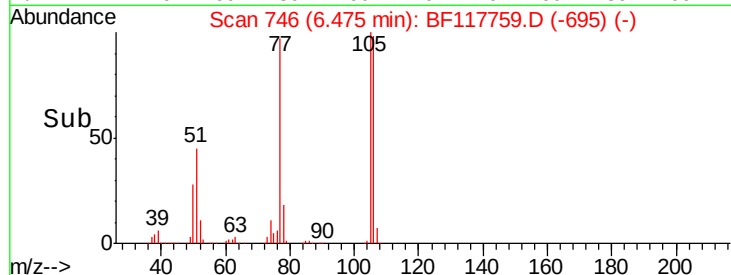
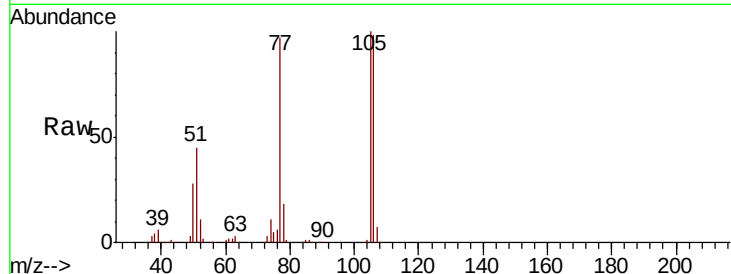
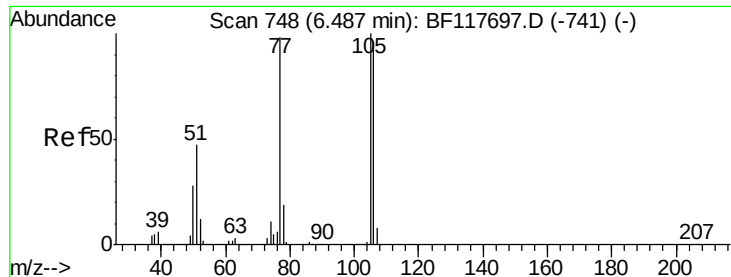


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.615 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Tot Ion:	77	Resp:	371330
Ion	Ratio	Lower	Upper
77	100		
105	103.4	81.2	121.2
106	100.9	76.4	116.4

Instrument :

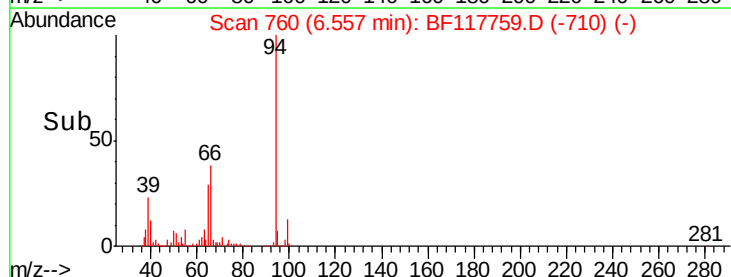
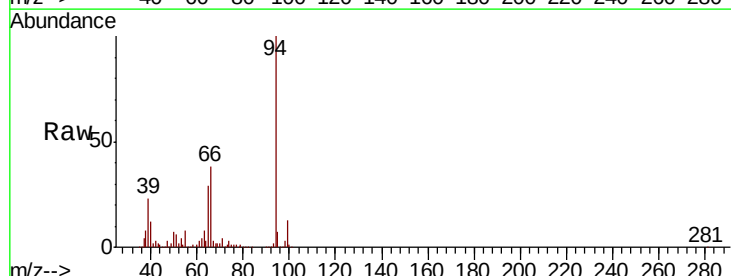
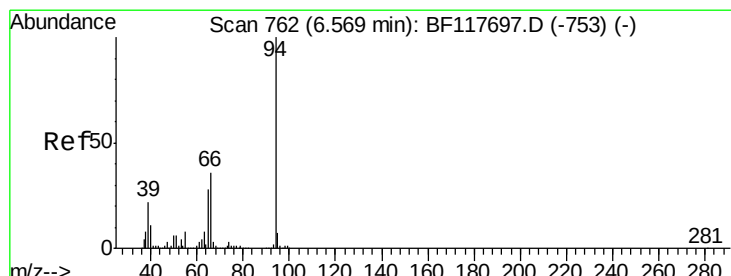
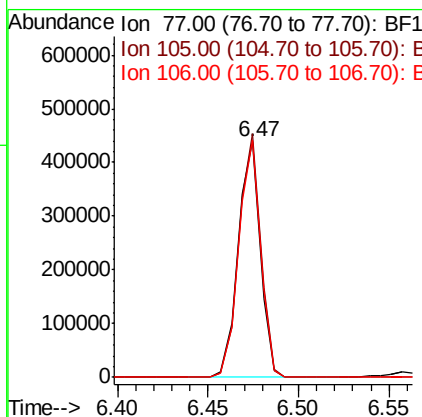
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 41.752 ng

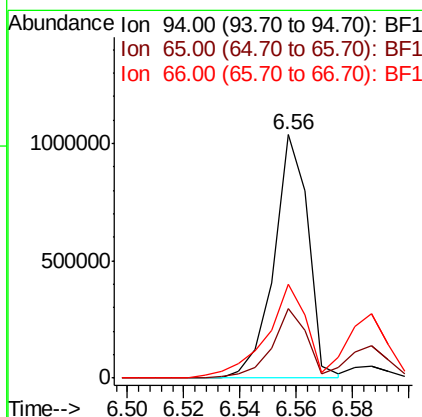
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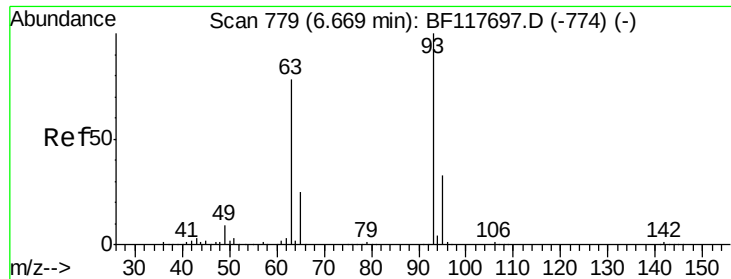
Delta R.T. -0.01 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Tgt Ion:	94	Resp:	869435
Ion	Ratio	Lower	Upper
94	100		
65	28.7	6.4	46.4
66	38.4	14.9	54.9





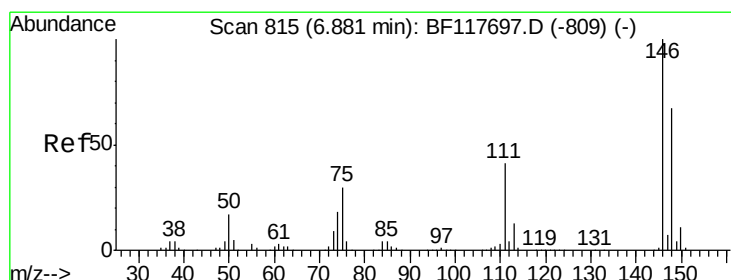
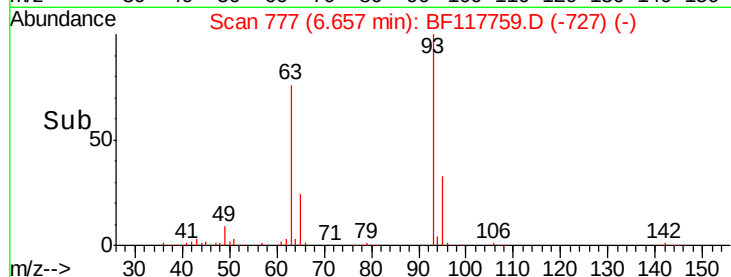
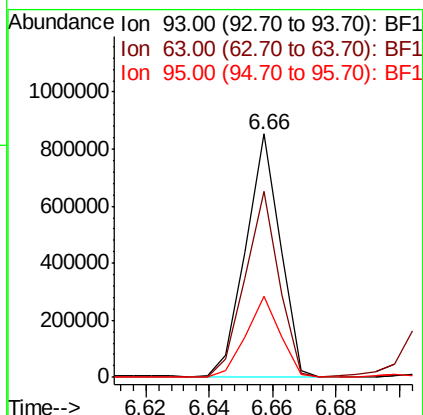
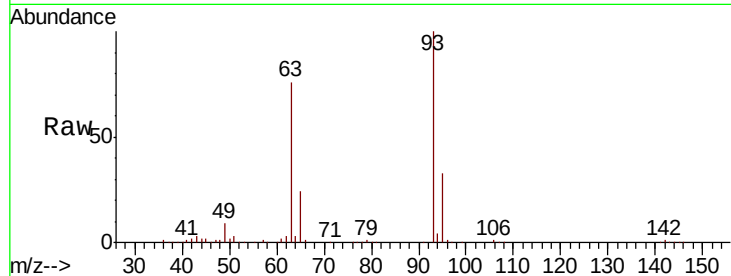
#11
bis(2-Chloroethyl)ether
Concen: 37.555 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.2	51.6	91.6
95	33.5	13.1	53.1

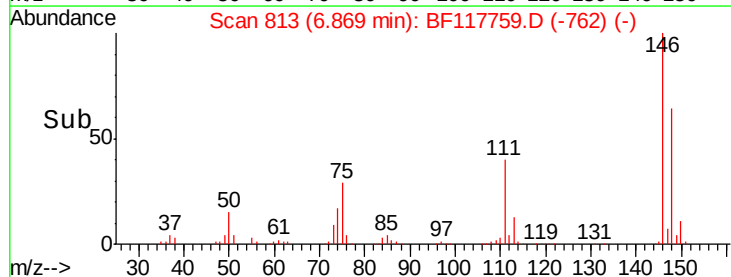
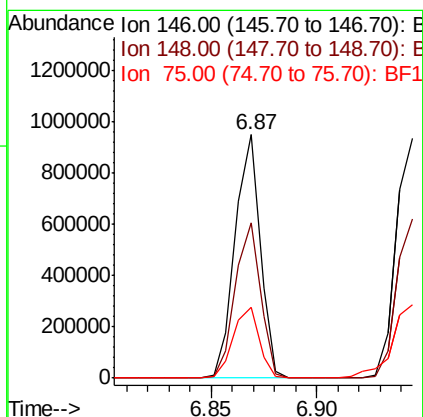
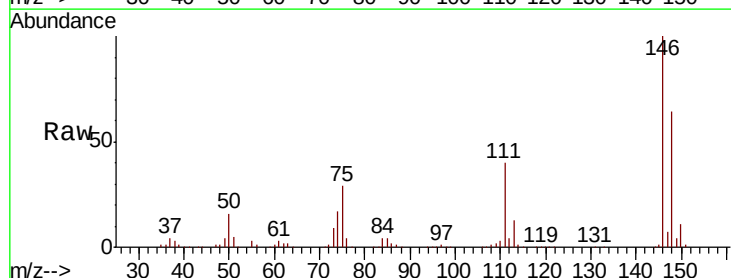
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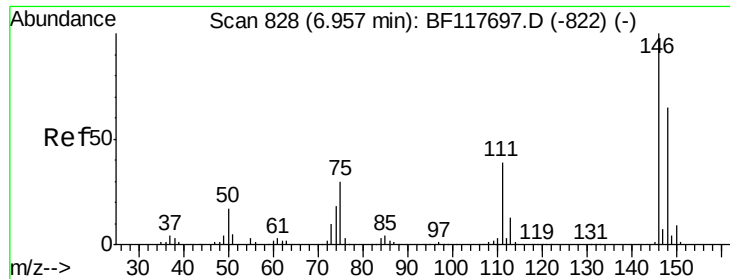
mohammad
11/13/2019 6:48:23 PM



#12
1,3-Dichlorobenzene
Concen: 38.547 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.3	76.9
75	29.1	24.8	37.2





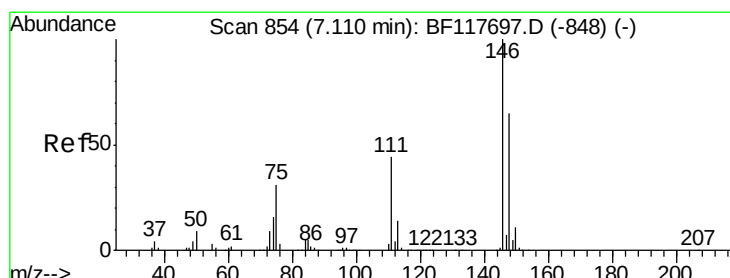
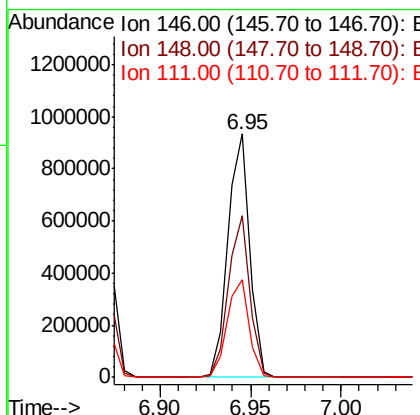
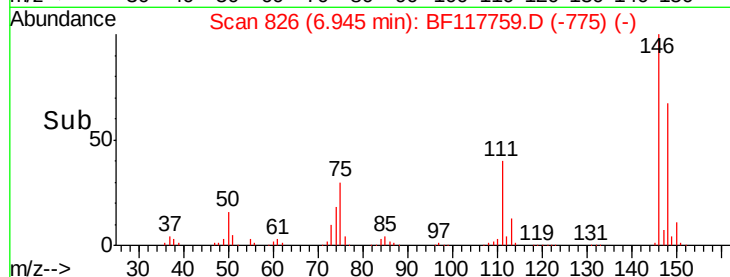
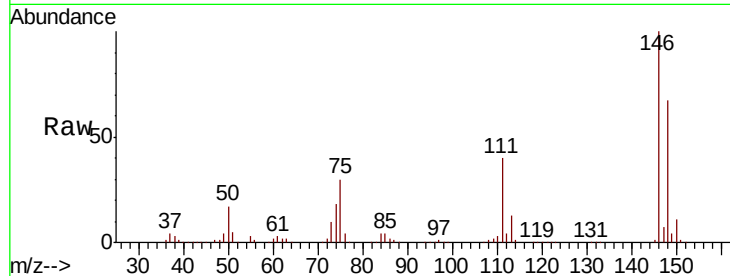
#13
 1,4-Dichlorobenzene
 Concen: 38.646 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF117759.D
 Acq: 12 Nov 2019 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-16B-SMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.8	77.6
111	40.2	33.3	49.9

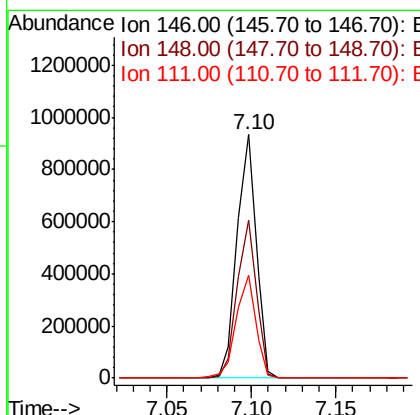
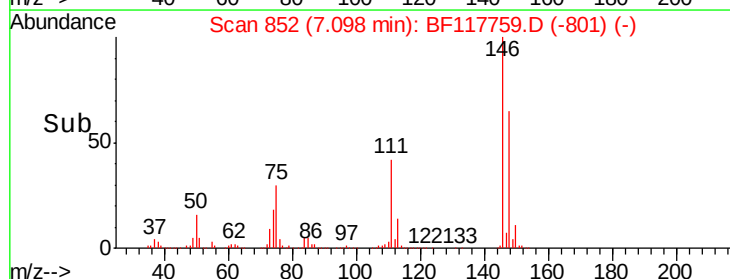
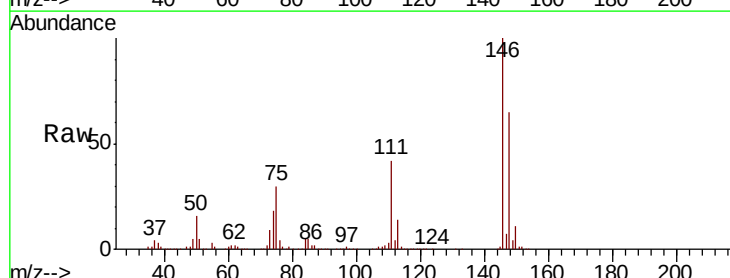
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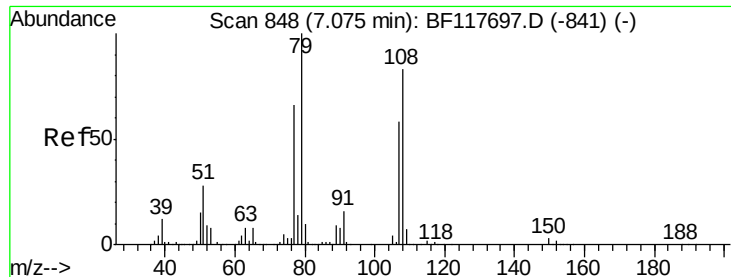
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.715 ng
 RT: 7.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF117759.D
 Acq: 12 Nov 2019 15:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.3	76.9
111	42.0	35.2	52.8





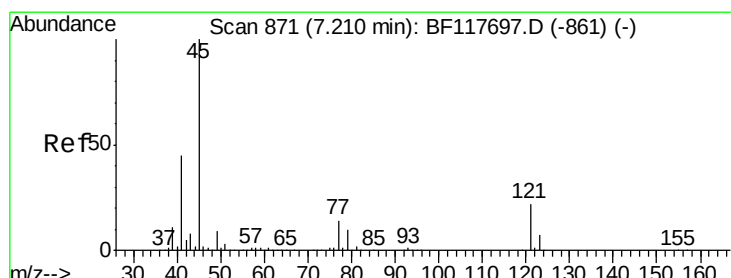
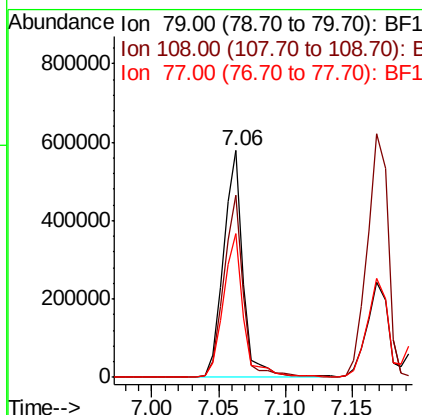
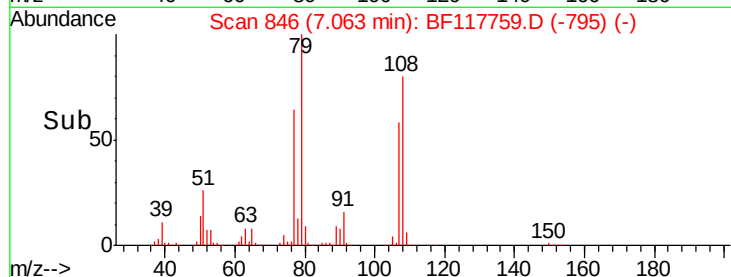
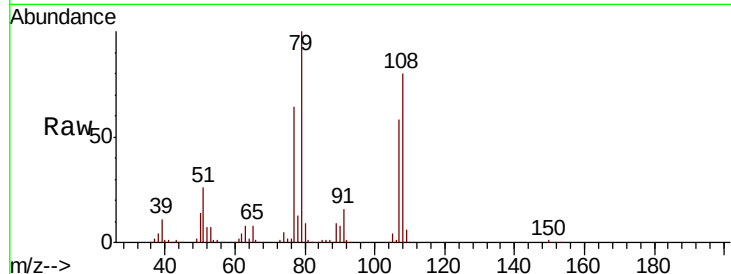
#15
Benzyl Alcohol
Concen: 39.006 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.4	64.1	96.1
77	63.6	51.6	77.4

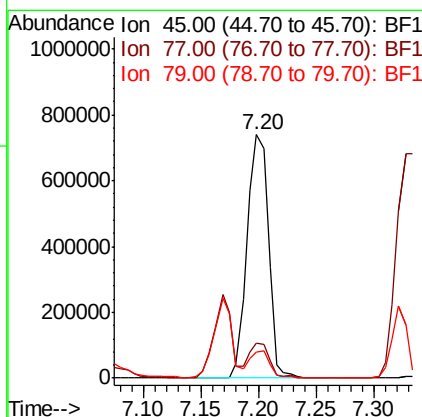
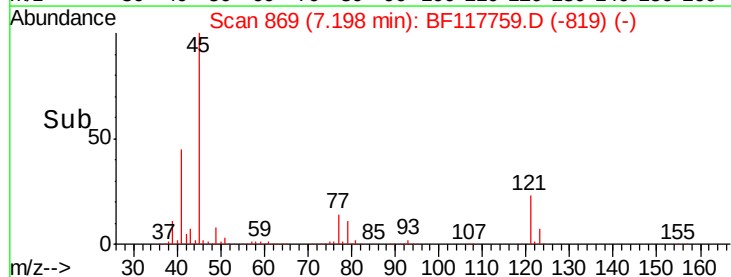
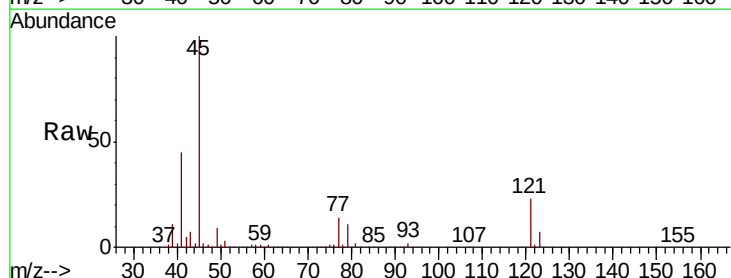
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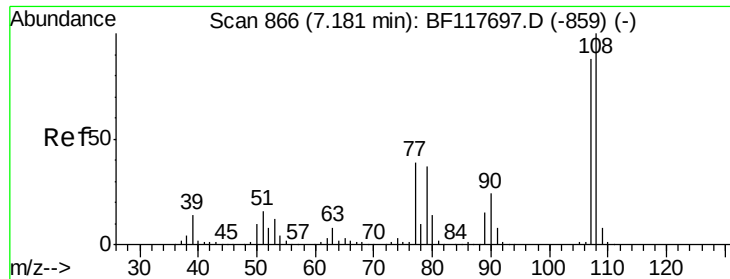
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.151 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	34.6
79	10.8	0.0	31.3





#17

2-Methylphenol

Concen: 38.820 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Instrument :

BNA_F

ClientSampleId :

TP-16B-SMS

Tot Ion:107 Resp: 581319

Ion Ratio Lower Upper

107 100

108 112.5 90.7 136.1

77 45.8 35.3 52.9

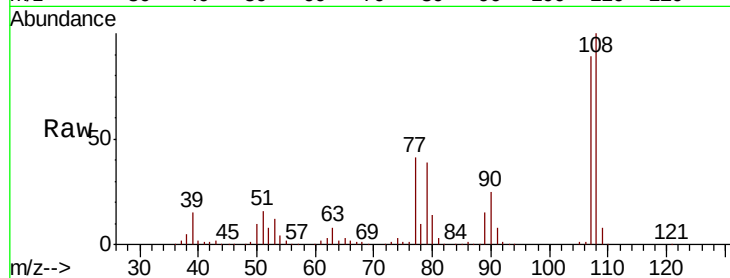
79 43.9 34.6 52.0

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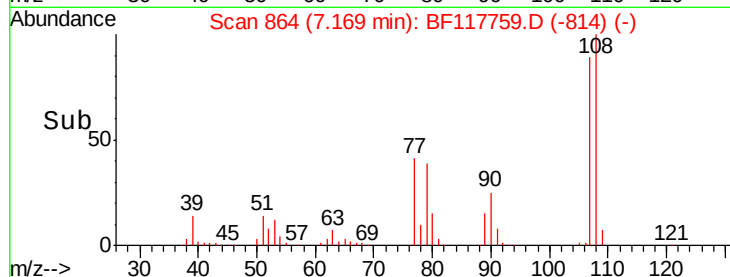


Abundance Ion 107.00 (106.70 to 107.70): E

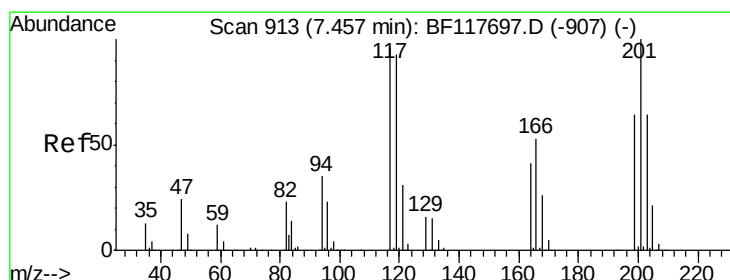
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 37.767 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

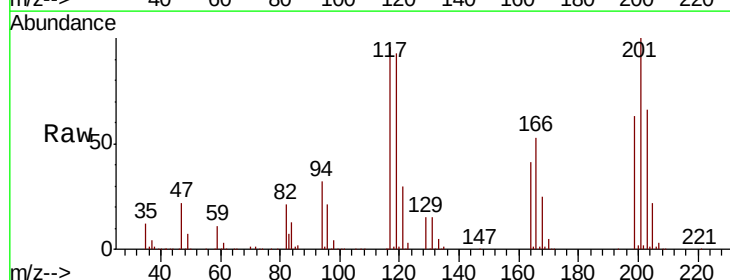
Tgt Ion:117 Resp: 282428

Ion Ratio Lower Upper

117 100

119 97.3 77.4 116.0

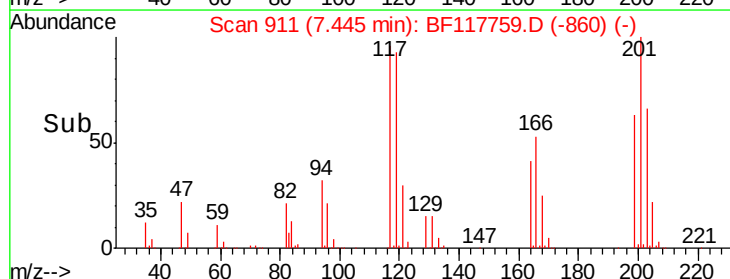
201 104.6 78.4 117.6



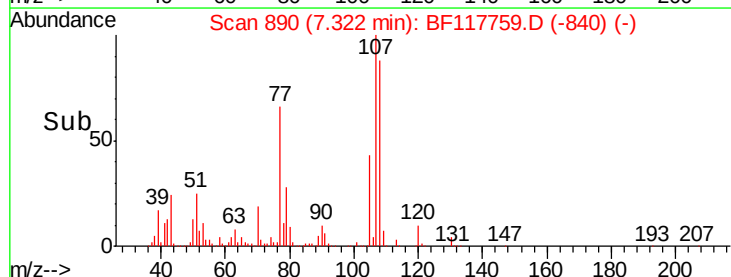
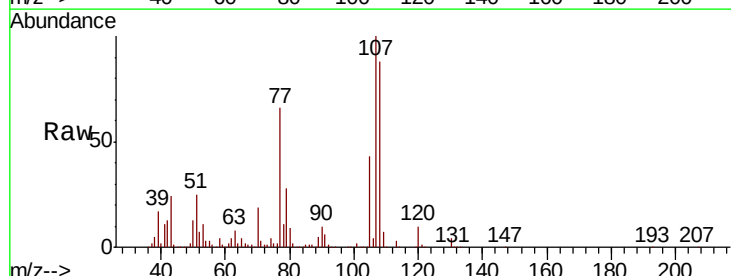
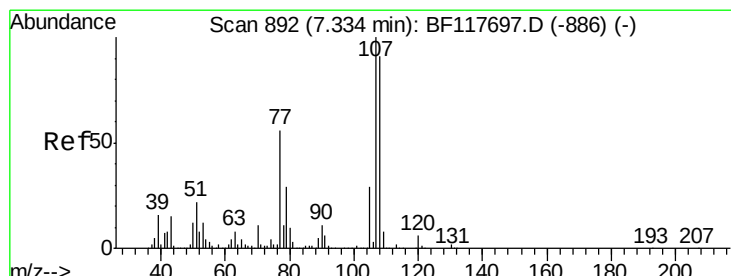
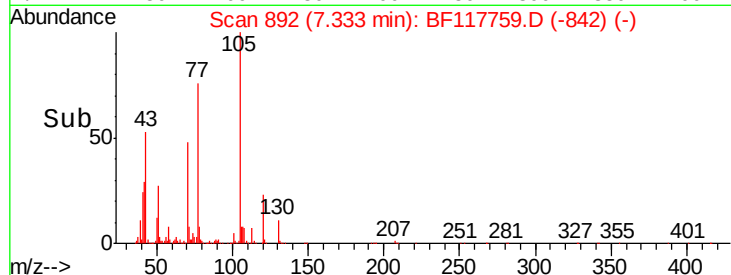
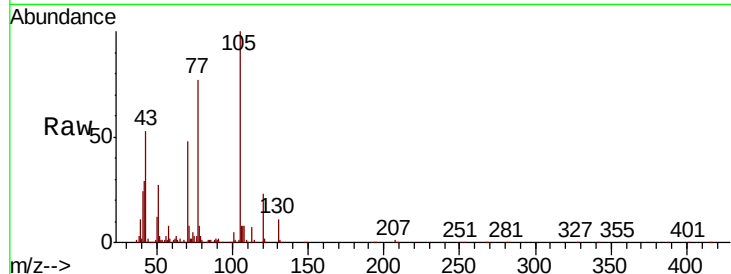
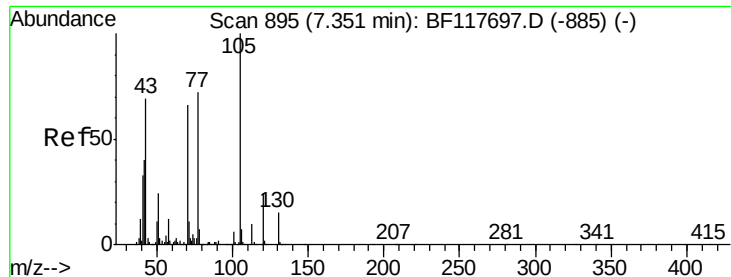
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

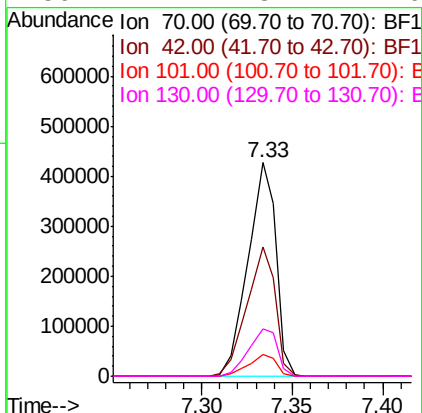


Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 36.099 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.4	48.7	73.1	
101	10.2	8.4	12.6	
130	22.4	18.4	27.6	



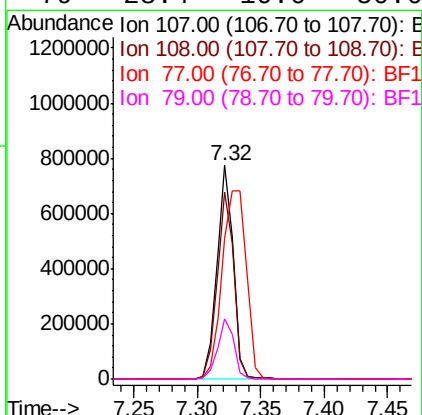
Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

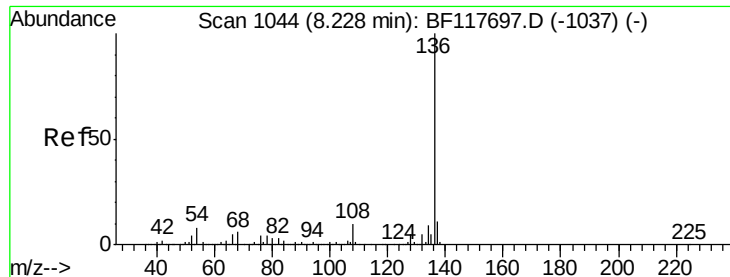
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#20
3+4-Methylphenols
Concen: 39.647 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.8	72.4	112.4	
77	65.7	52.8	92.8	
79	28.4	10.6	50.6	





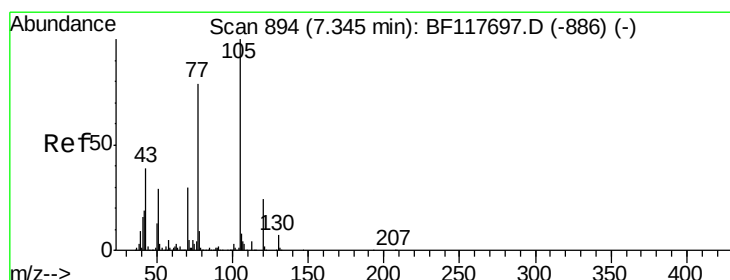
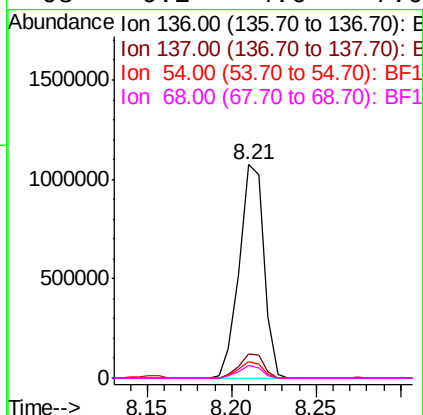
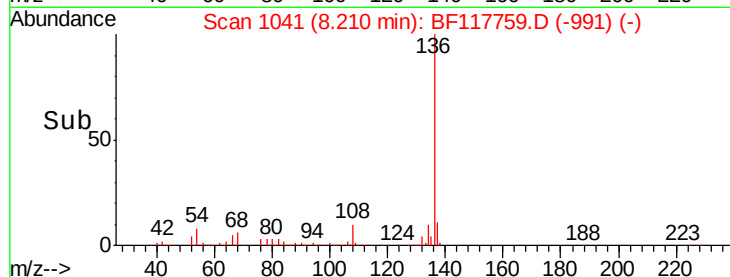
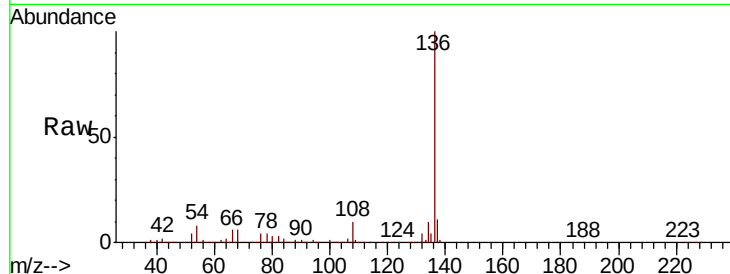
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

Tot Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.5	9.0	13.6	
54	8.0	6.1	9.1	
68	6.2	4.6	7.0	

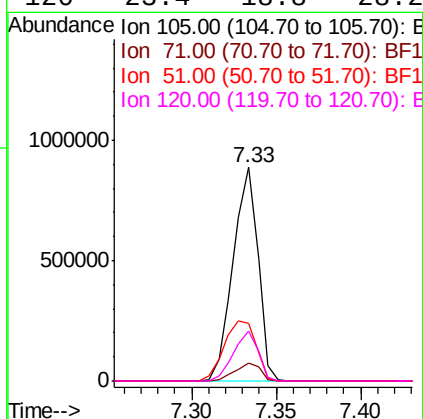
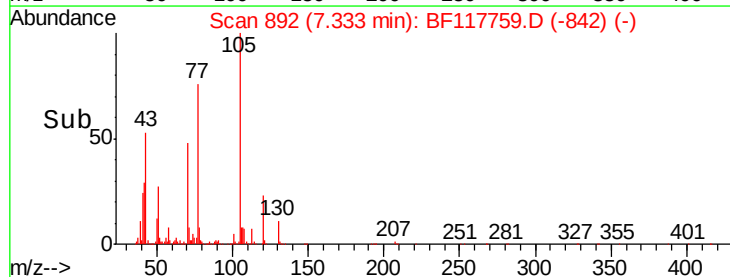
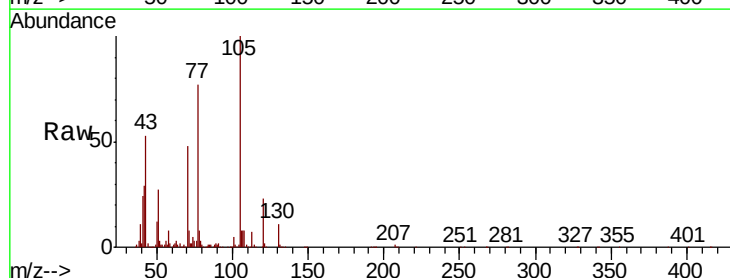
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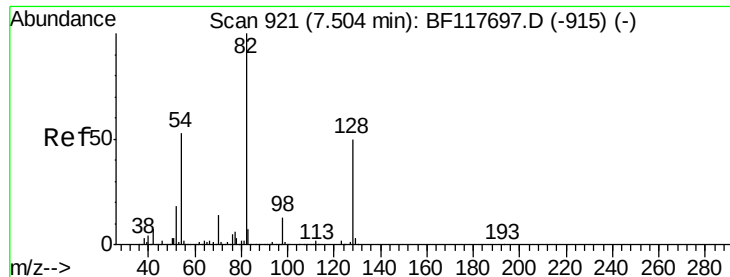
mohammad
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#22
Acetophenone
Concen: 36.368 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
71	8.3	6.1	9.1	
51	27.0	20.6	31.0	
120	23.4	18.8	28.2	





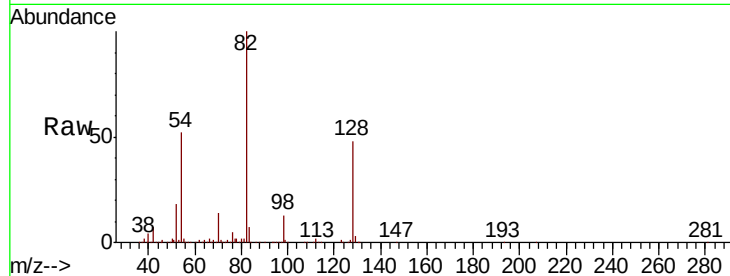
#23
 Nitrobenzene-d5
 Concen: 51.916 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BF117759.D
 Acq: 12 Nov 2019 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-16B-SMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	38.7	58.1
54	51.7	41.4	62.2

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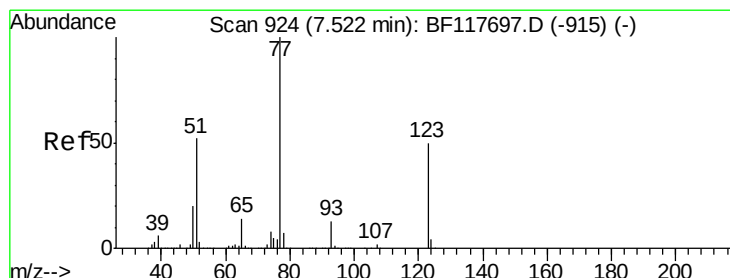
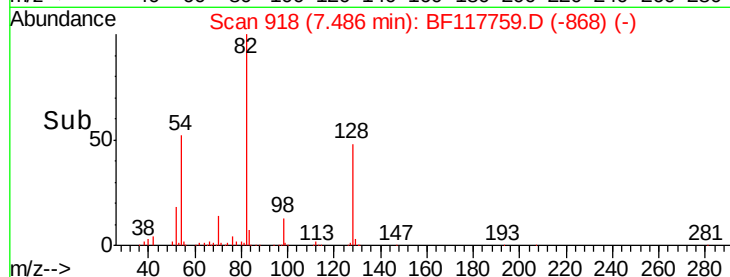
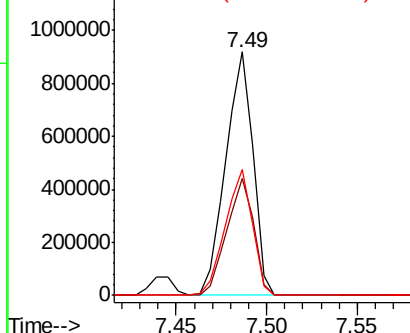


Abundance

Ion 82.00 (81.70 to 82.70): BF1

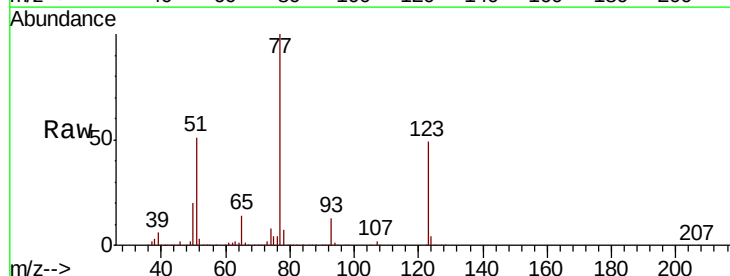
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 37.645 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF117759.D
 Acq: 12 Nov 2019 15:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.6	38.5	57.7
65	13.6	10.8	16.2

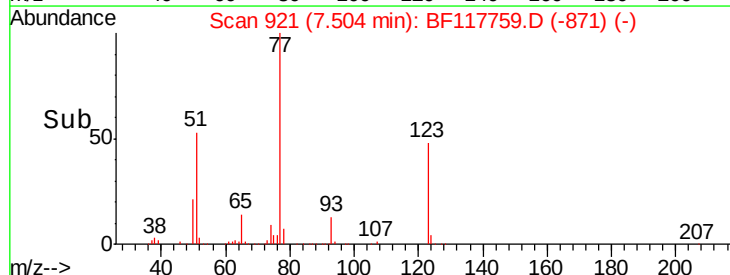
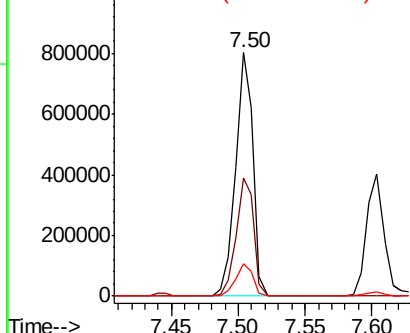


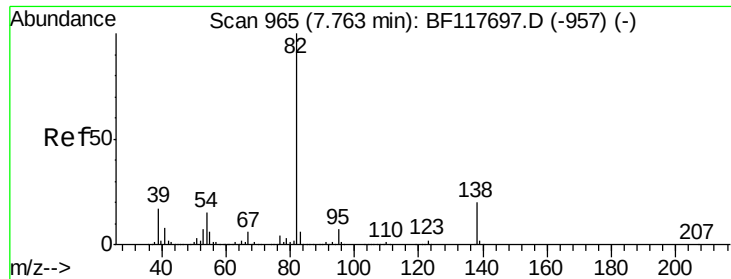
Abundance

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: 36.971 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Instrument :

BNA_F

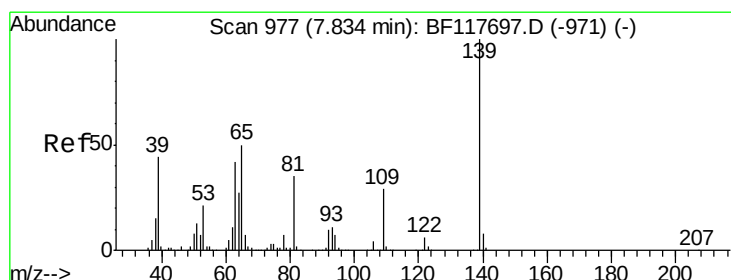
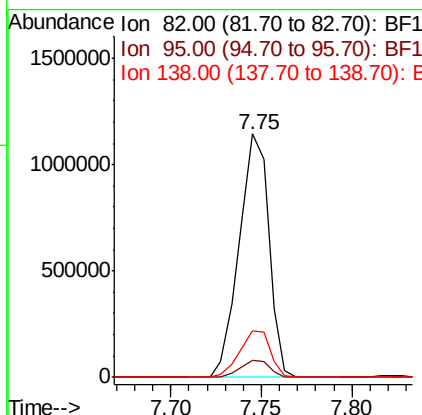
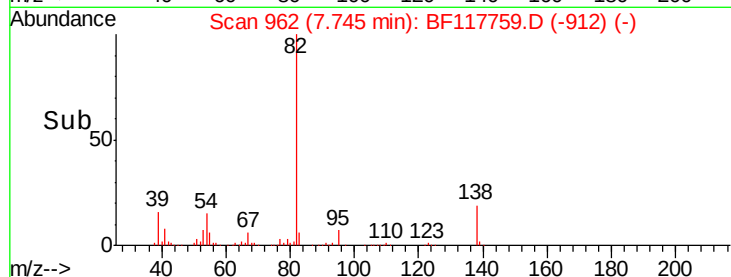
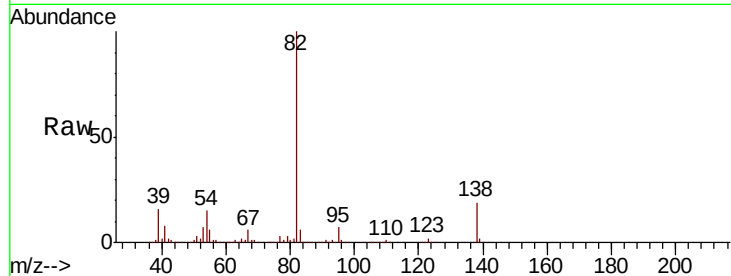
ClientSampleId :

TP-16B-SMS

Tot Ion:	82	Resp:	1312010
Ion	Ratio	Lower	Upper
82	100		
95	7.1	6.0	9.0
138	19.1	16.0	24.0

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#26

2-Nitrophenol

Concen: 41.537 ng

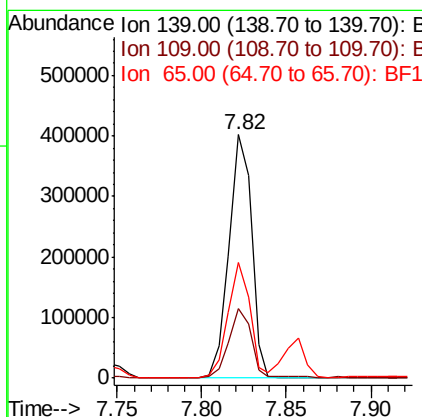
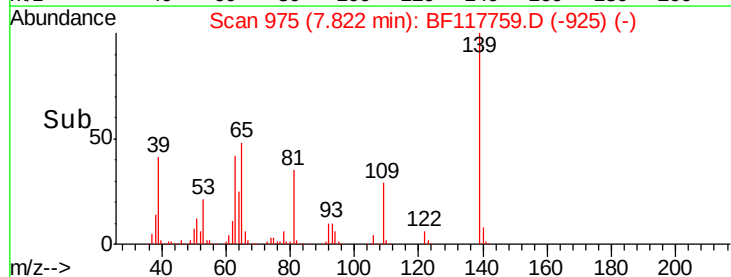
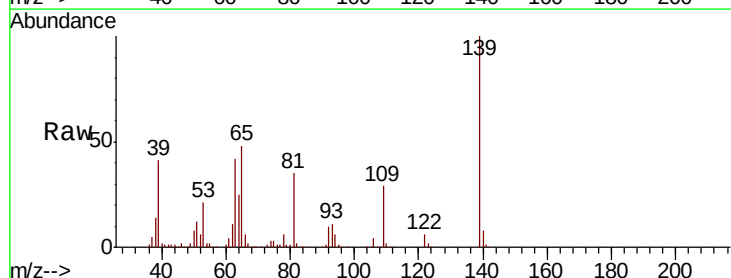
RT: 7.82 min Scan# 975

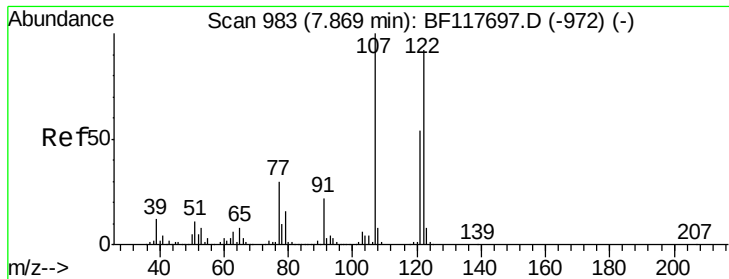
Delta R.T. -0.01 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Tgt Ion:	139	Resp:	373615
Ion	Ratio	Lower	Upper
139	100		
109	28.7	22.3	33.5
65	47.7	37.0	55.6





#27

2,4-Dimethylphenol

Concen: 42.456 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Instrument :

BNA_F

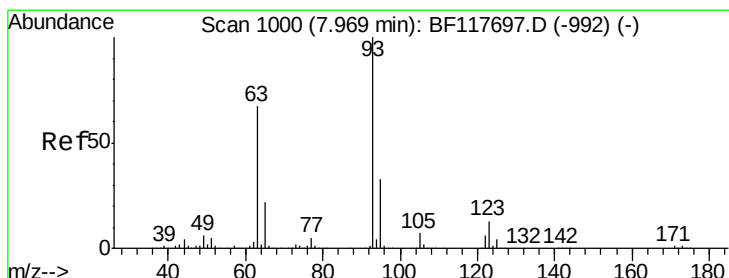
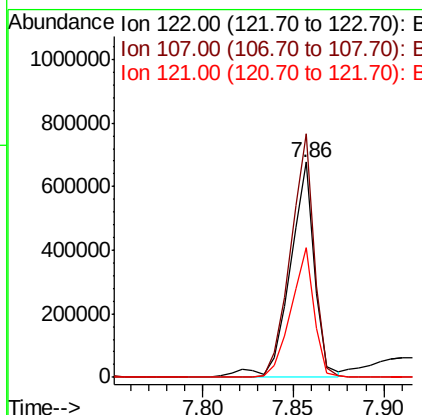
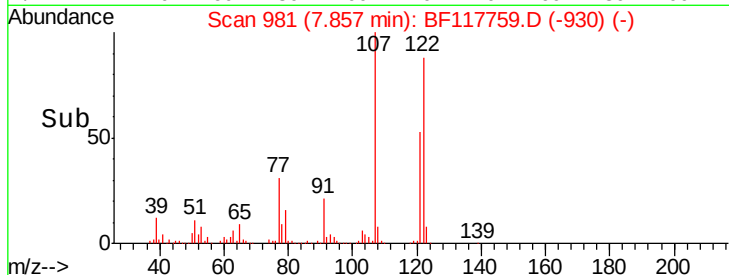
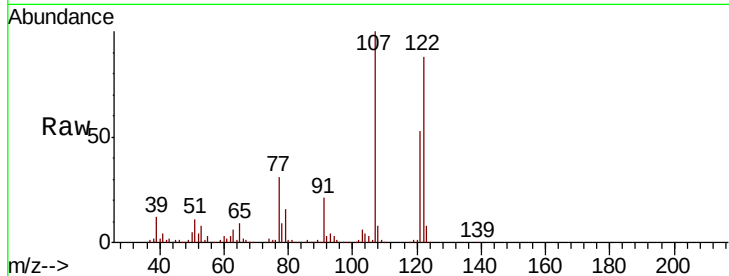
ClientSampled :

TP-16B-SMS

Tot Ion:	122	Resp:	643917
Ion Ratio	Lower	Upper	
122	100		
107	113.1	89.8	134.6
121	60.0	47.3	70.9

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#28

bis(2-Chloroethoxy)methane

Concen: 34.923 ng

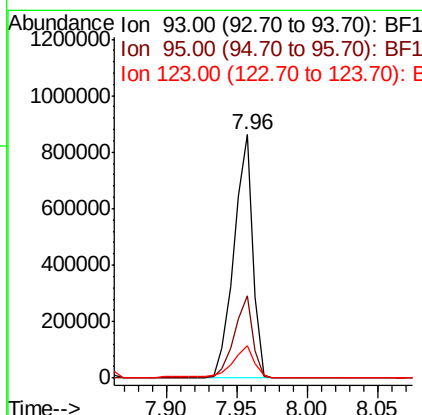
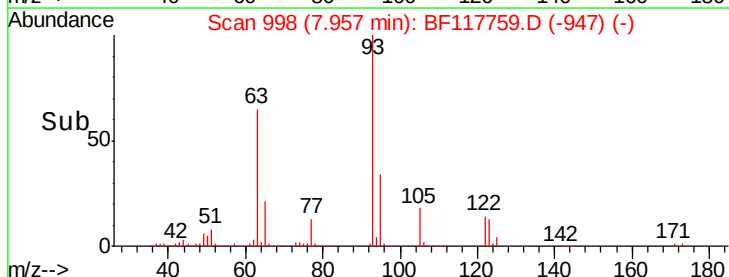
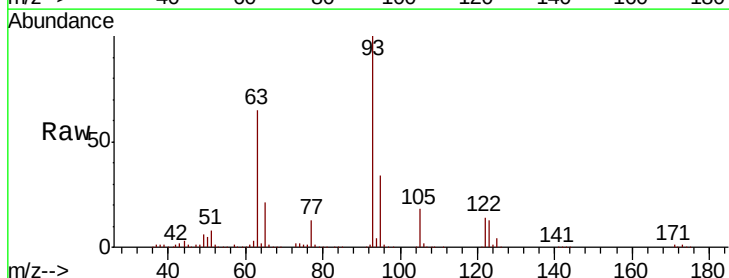
RT: 7.96 min Scan# 998

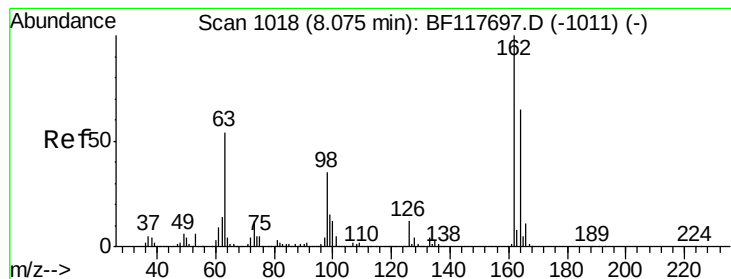
Delta R.T. 0.00 min

Lab File: BF117759.D

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Tgt Ion:	93	Resp:	795556
Ion Ratio	Lower	Upper	
93	100		
95	33.6	26.6	39.8
123	13.1	10.5	15.7





#29

2,4-Dichlorophenol

Concen: 38.060 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Instrument :

BNA_F

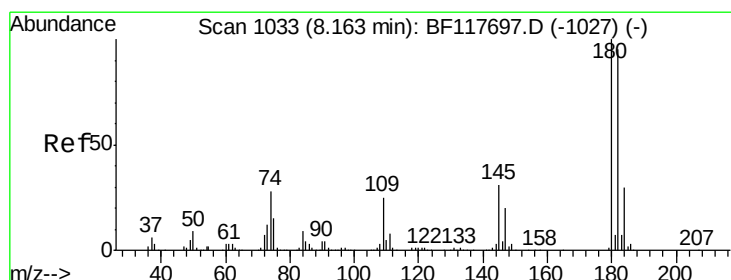
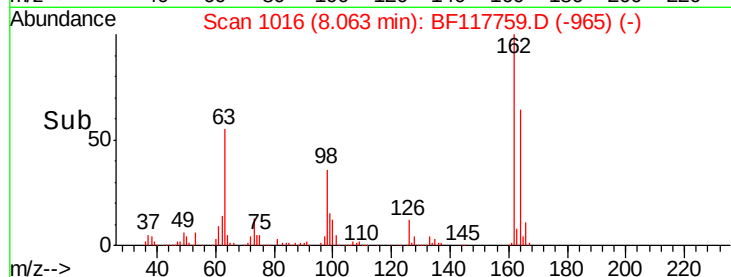
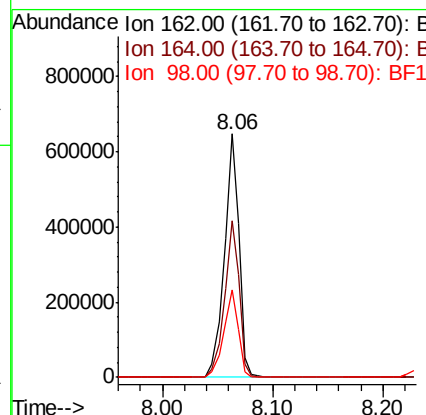
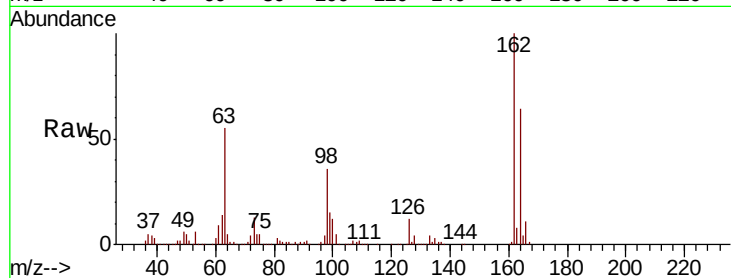
ClientSampled :

TP-16B-SMS

Tot Ion:	162	Resp:	594714
Ion Ratio	Lower	Upper	
162	100		
164	64.3	43.7	83.7
98	36.1	17.1	57.1

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#30

1,2,4-Trichlorobenzene

Concen: 37.516 ng

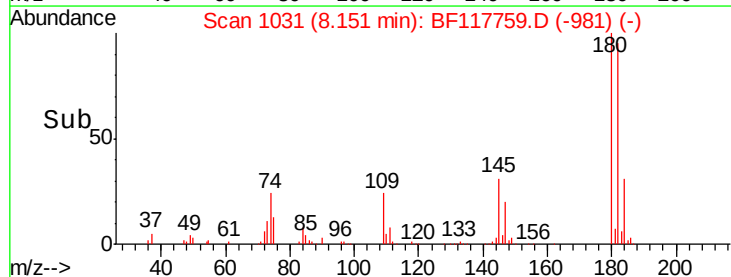
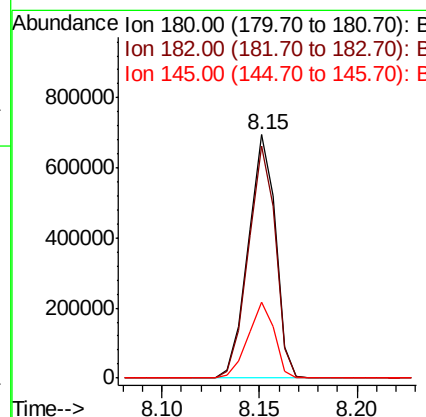
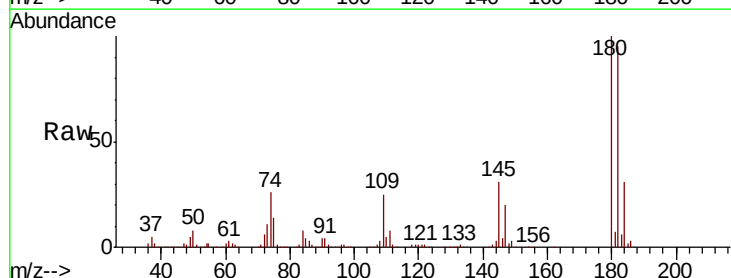
RT: 8.15 min Scan# 1031

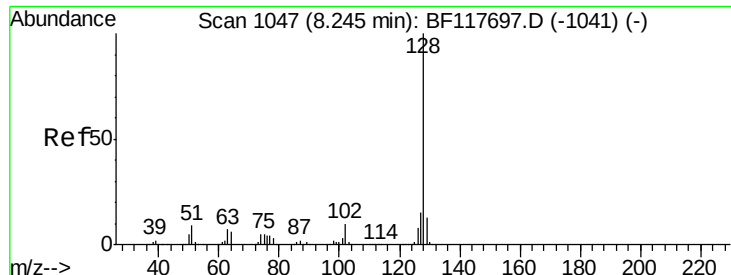
Delta R.T. -0.01 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Tgt Ion:	180	Resp:	671087
Ion Ratio	Lower	Upper	
180	100		
182	95.1	75.6	113.4
145	31.4	23.8	35.8





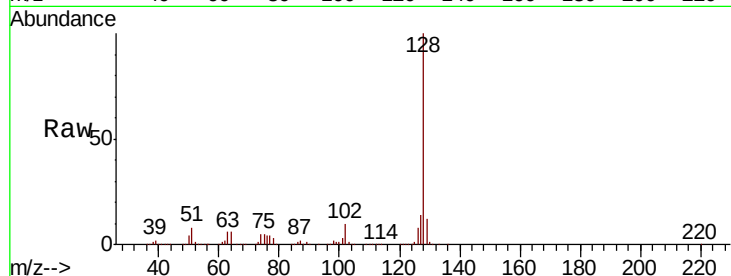
#31
Naphthalene
Concen: 39.699 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.6	14.4
127	14.2	11.4	17.2

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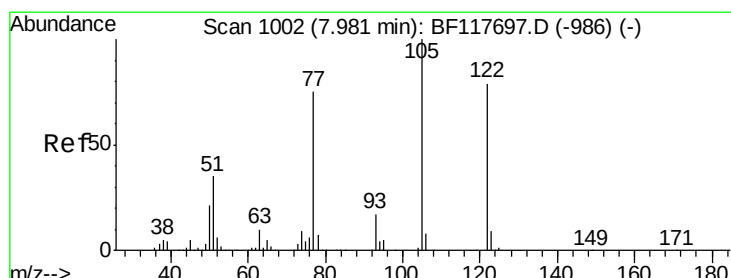
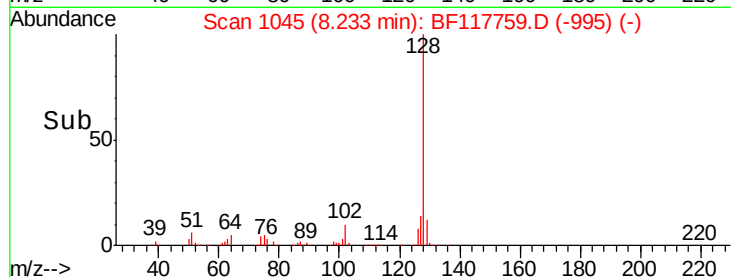
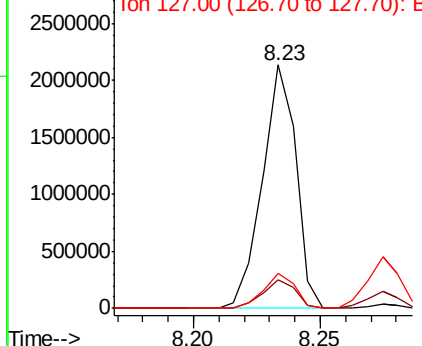


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 37.379 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

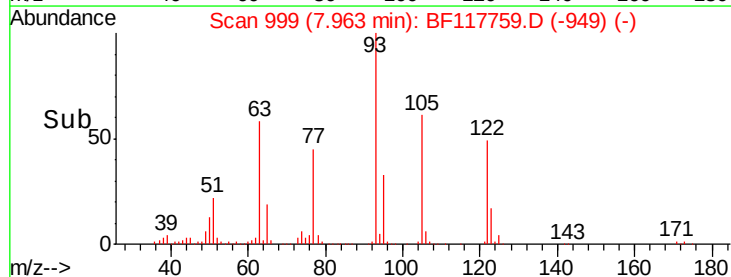
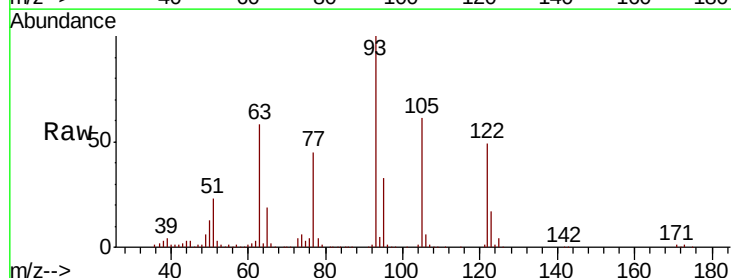
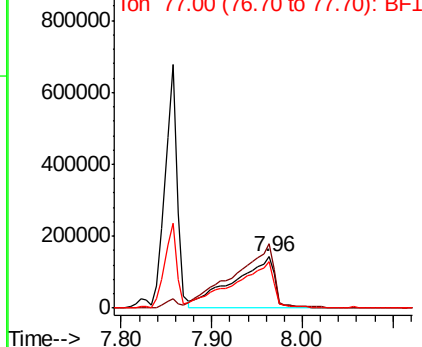
Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.5	99.4	139.4
77	91.8	69.4	109.4

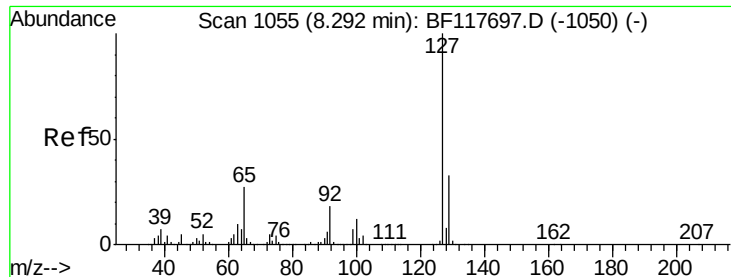
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





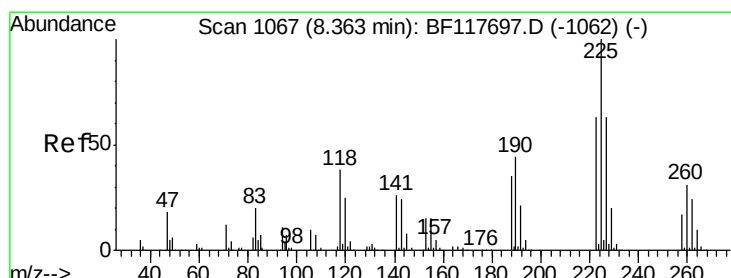
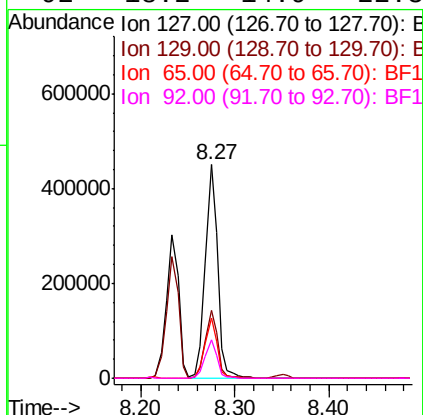
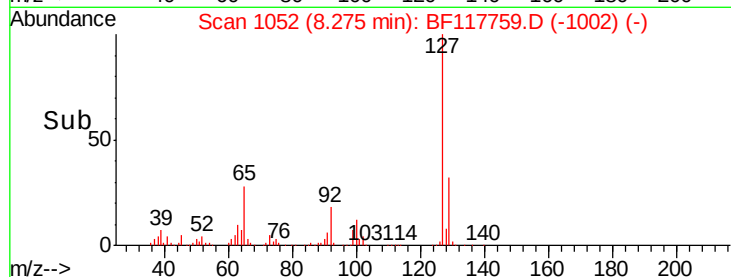
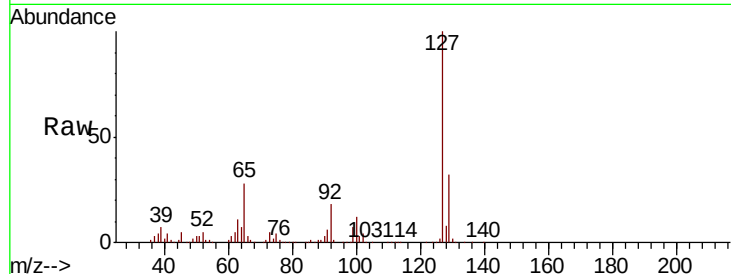
#33
4-Chloroaniline
Concen: 18.027 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.6	39.8
65	28.4	23.0	34.6
92	18.2	14.9	22.3

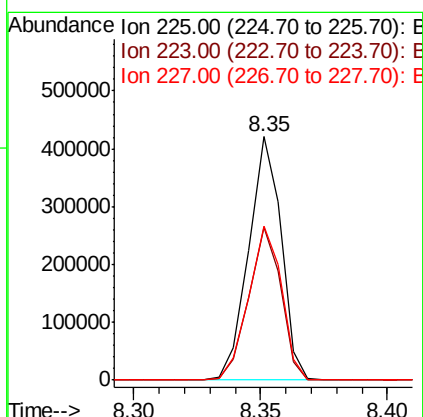
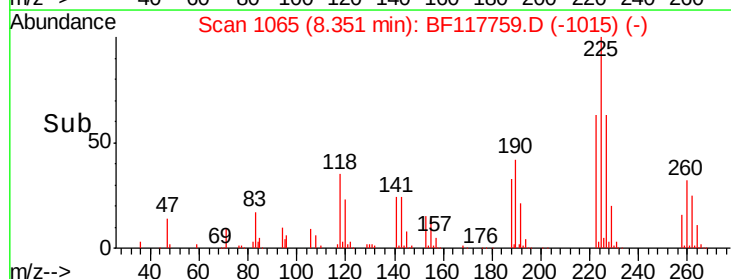
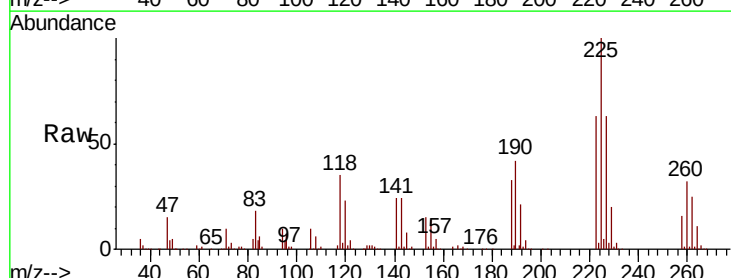
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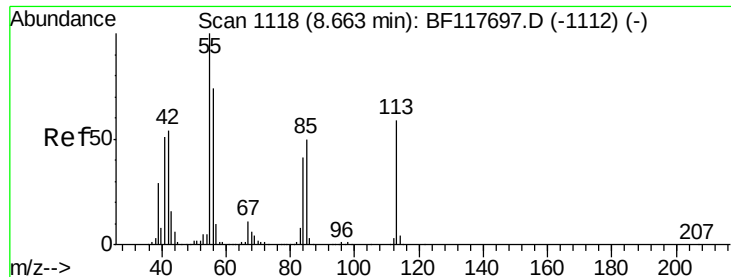
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#34
Hexachlorobutadiene
Concen: 36.781 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.4	74.0
227	63.2	50.3	75.5





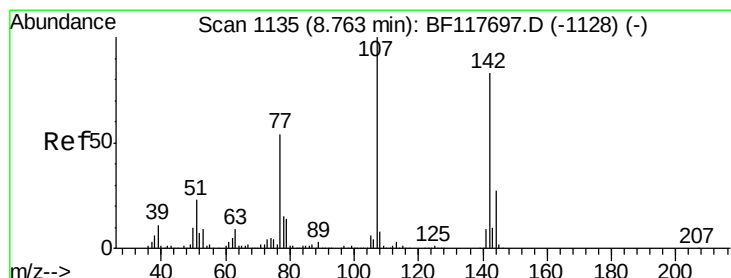
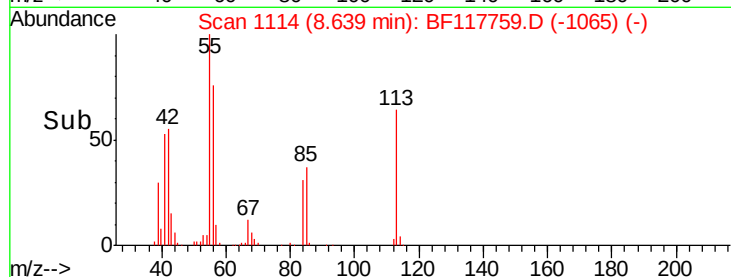
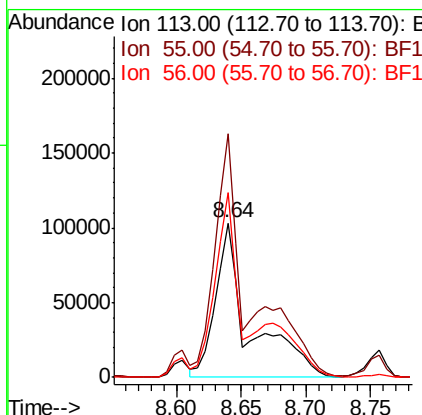
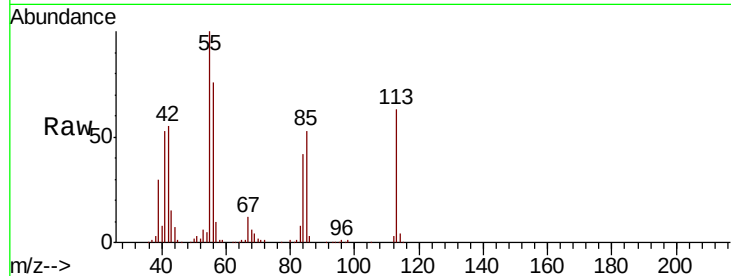
#35
 Caprolactam
 Concen: 36.429 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF117759.D
 Acq: 12 Nov 2019 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-16B-SMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	157.7	143.2	183.2		
56	119.6	101.2	141.2		

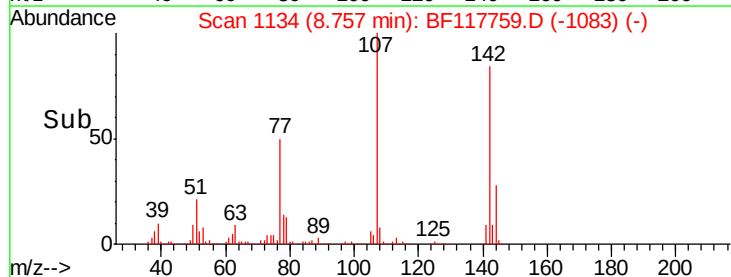
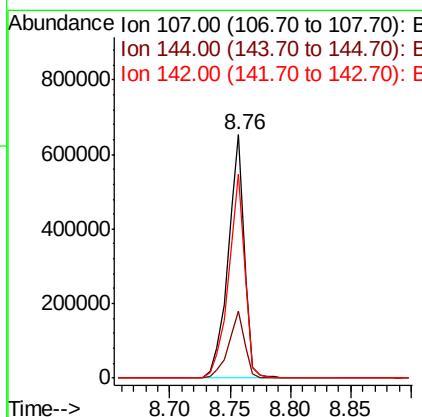
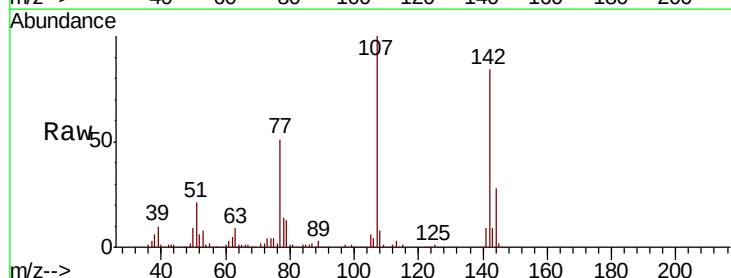
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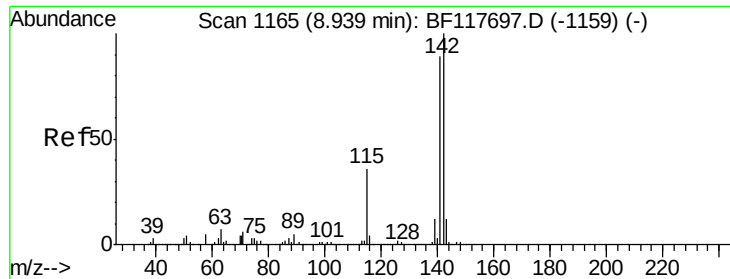
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#36
 4-Chloro-3-methylphenol
 Concen: 38.657 ng/ml
 RT: 8.76 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BF117759.D
 Acq: 12 Nov 2019 15:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.6	21.7	32.5		
142	83.9	65.9	98.9		





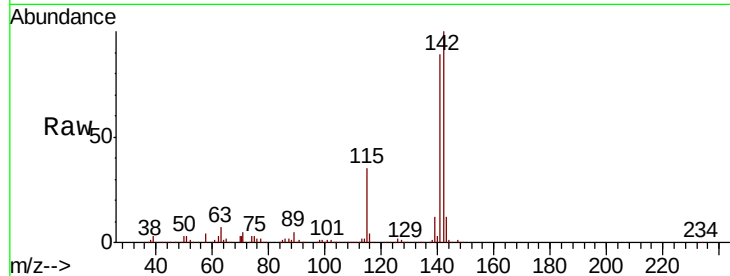
#37
2-Methylnaphthalene
Concen: 39.993 ng
RT: 8.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.2	105.4
115	35.0	28.8	43.2

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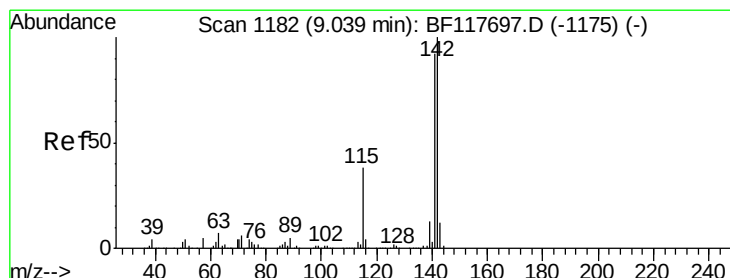
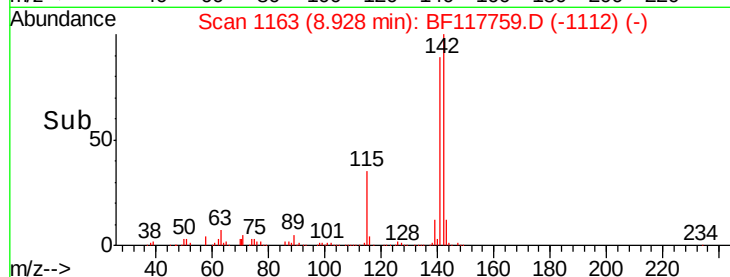
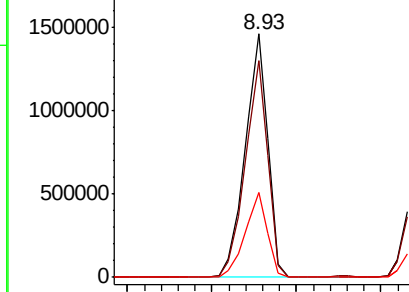


Abundance

Ion 142.00 (141.70 to 142.70): E

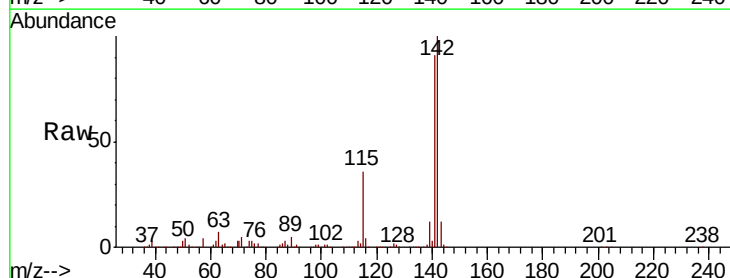
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.075 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.5	110.3
116	3.9	3.3	4.9

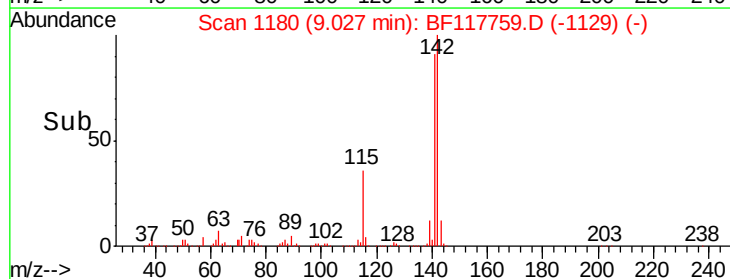
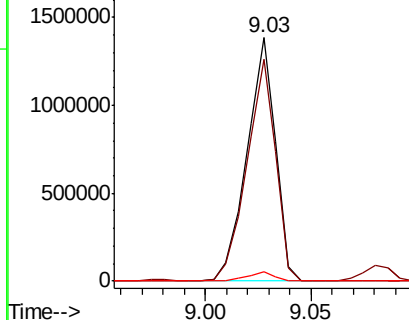


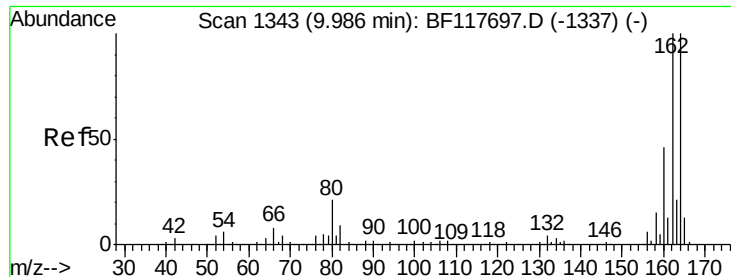
Abundance

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





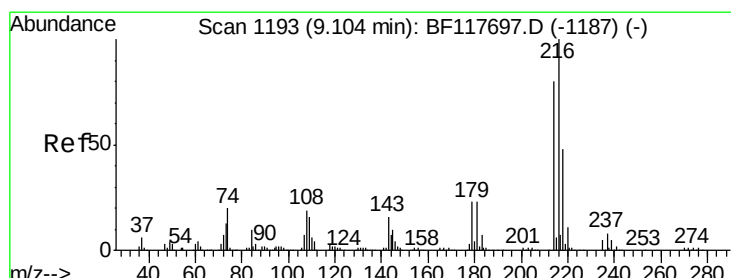
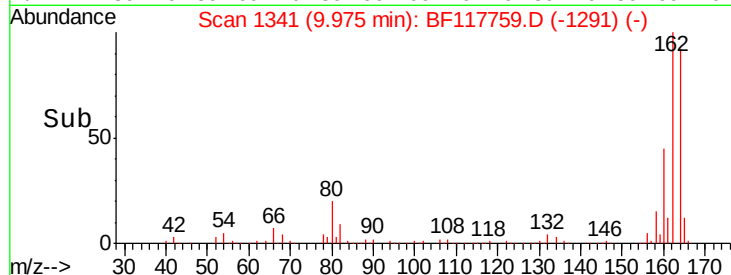
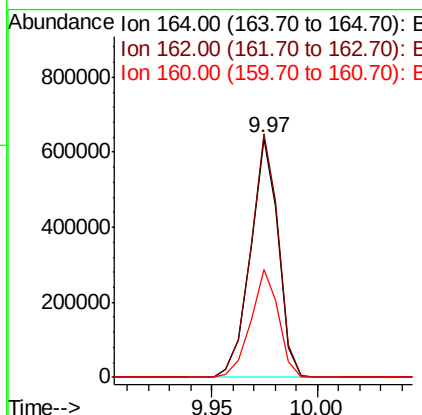
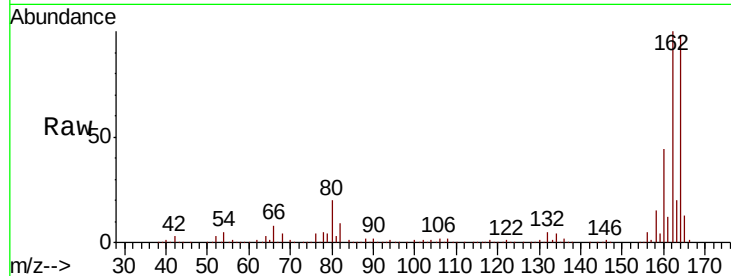
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.1	81.2	121.8	
160	45.3	36.3	54.5	

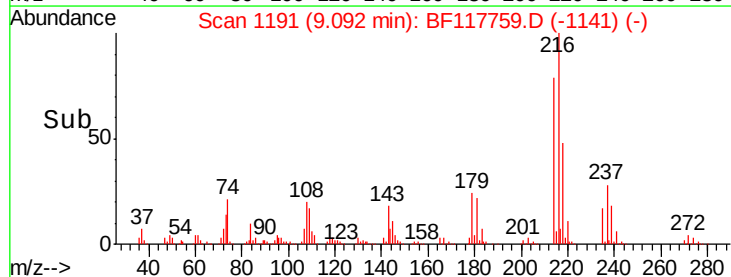
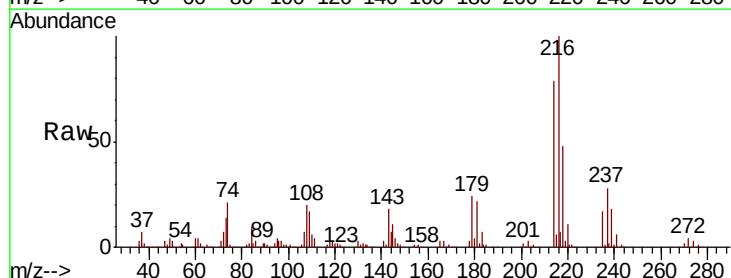
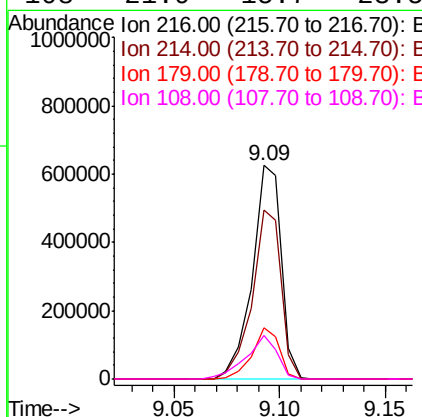
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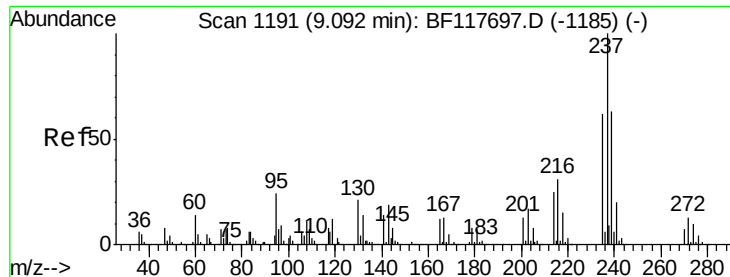
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.869 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.8	64.0	96.0	
179	22.4	18.1	27.1	
108	21.9	15.7	23.5	





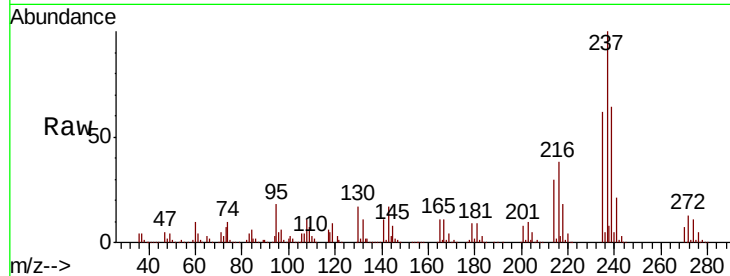
#41
Hexachlorocyclopentadiene
Concen: 81.567 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

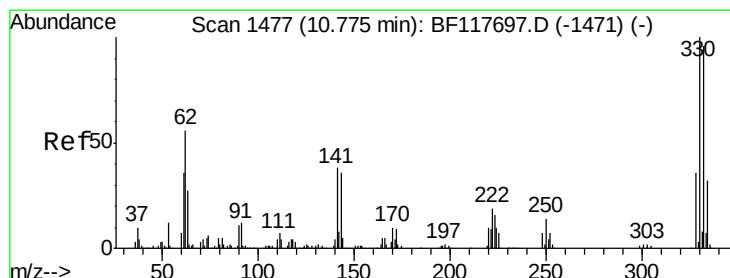
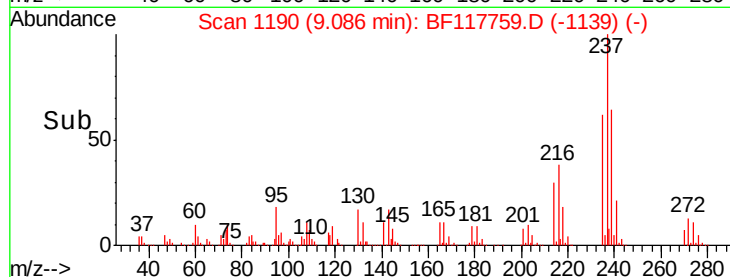
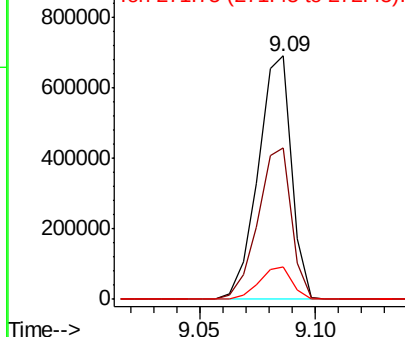
Tot Ion	Ratio	Resp	Lower	Upper
237	100	697617		
235	62.2	42.2	82.2	
272	13.5	0.0	33.4	

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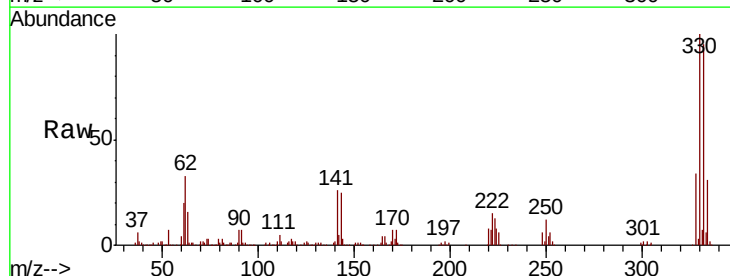


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

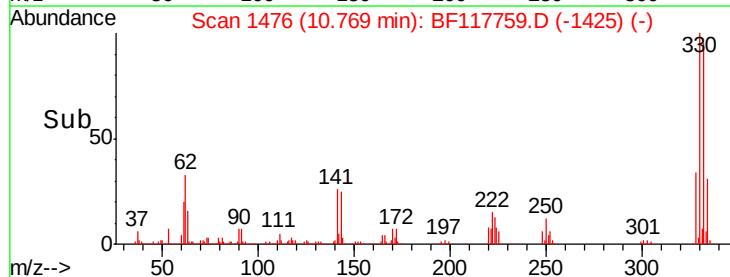
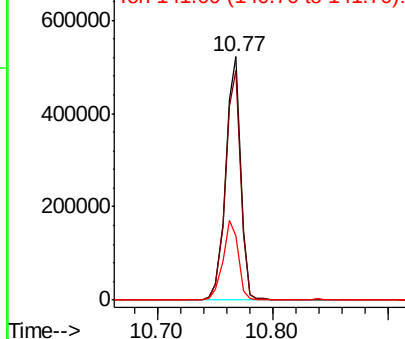


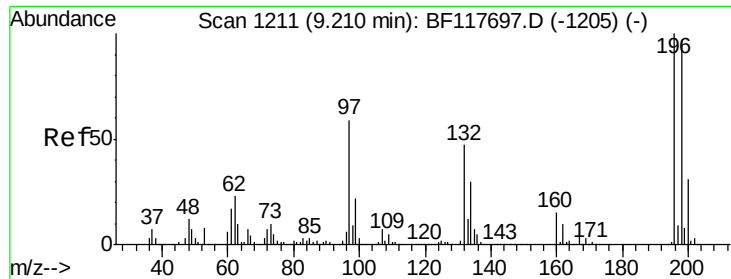
#42
2,4,6-Tribromophenol
Concen: 83.201 ng
RT: 10.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	471644		
332	95.9	76.9	115.3	
141	33.4	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





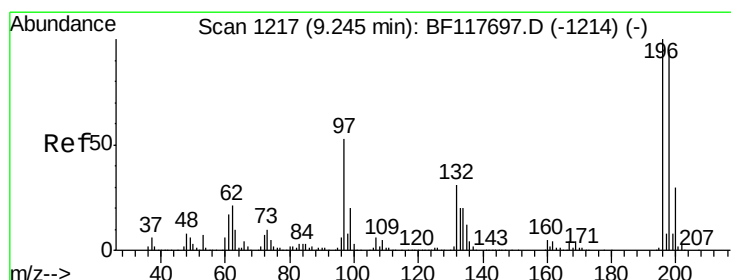
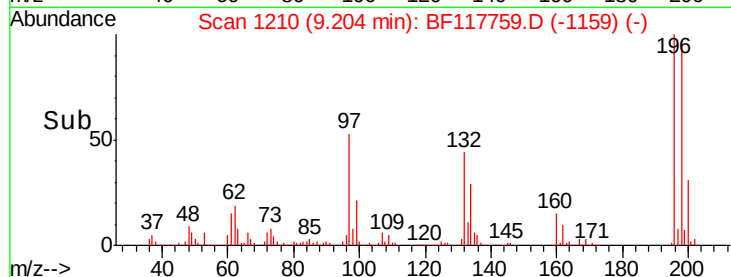
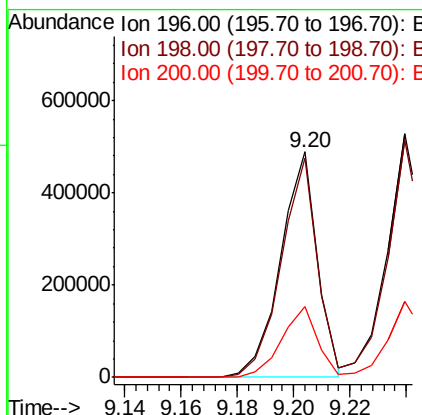
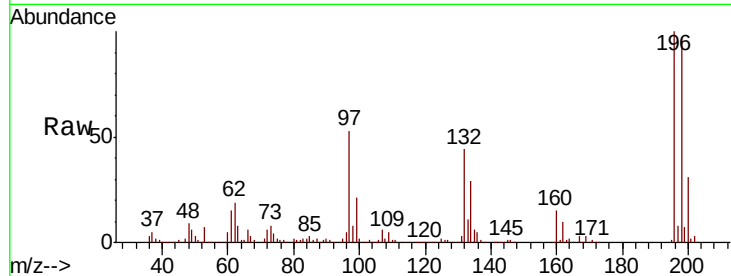
#43
2,4,6-Trichlorophenol
Concen: 38.023 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	439021		
198	97.4	75.3	112.9	
200	31.5	23.9	35.9	

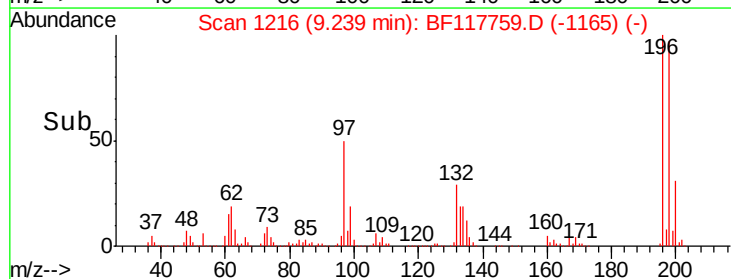
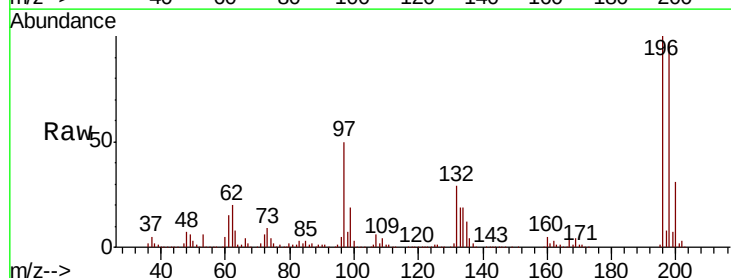
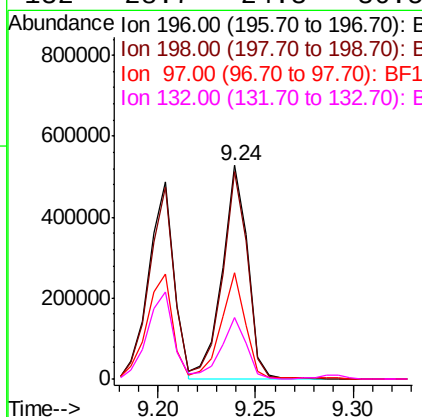
Manual Integrations
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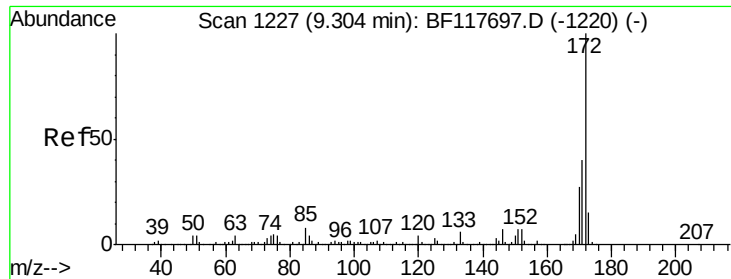
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 40.631 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	475531		
198	97.3	76.4	114.6	
97	49.6	41.8	62.8	
132	28.7	24.3	36.5	





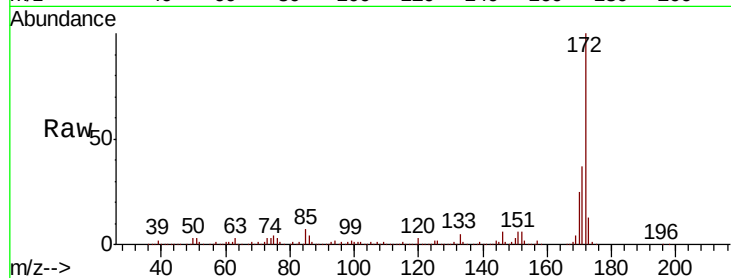
#45
2-Fluorobiphenyl
Concen: 65.538 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.8	30.7	46.1	
170	24.8	20.6	30.8	

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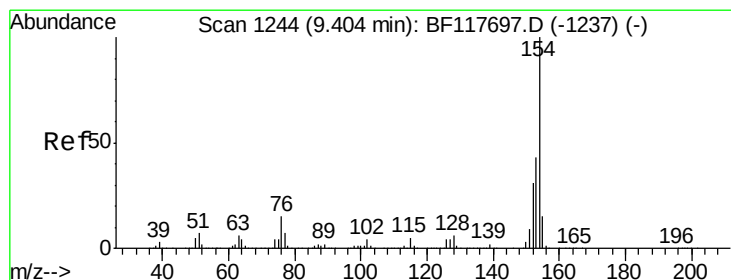
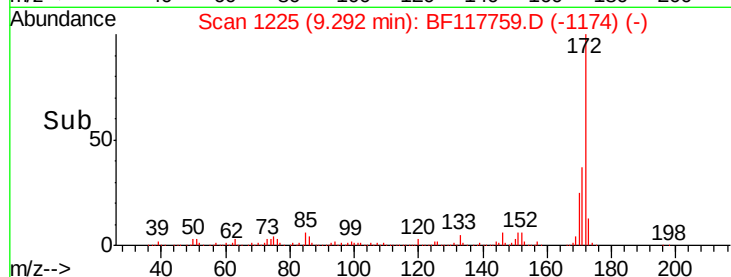
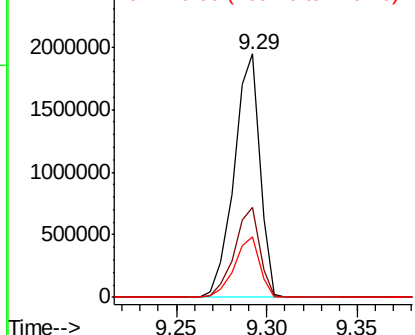


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.102 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

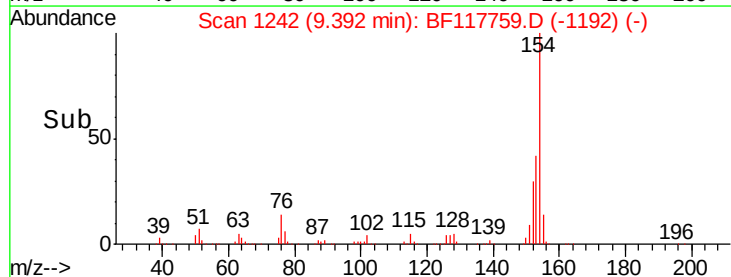
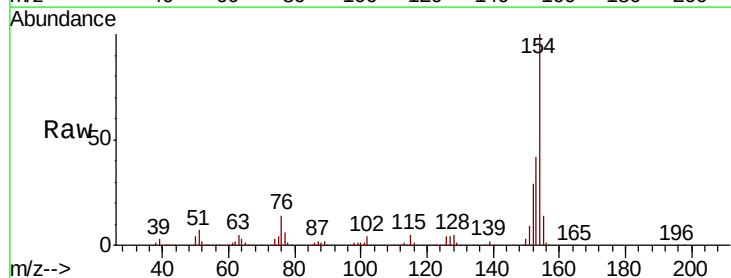
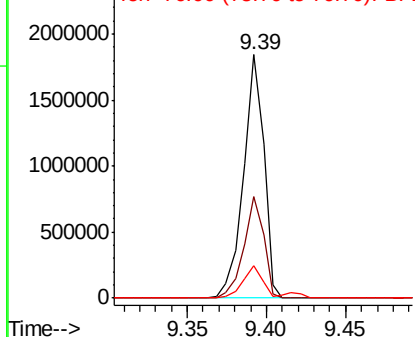
Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.5	21.6	61.6	
76	13.6	0.0	32.0	

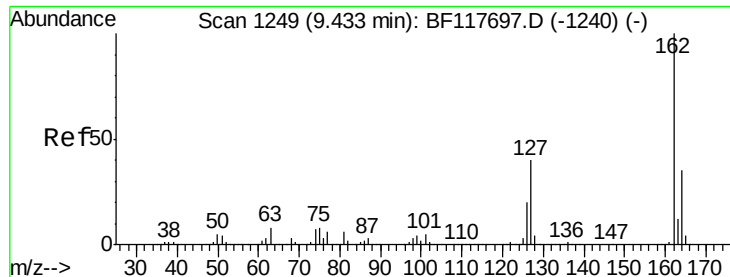
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 38.197 ng

RT: 9.42 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Instrument :

BNA_F

ClientSampleId :

TP-16B-SMS

Tot Ion:162 Resp: 1286463

Ion Ratio Lower Upper

162 100

127 39.3 33.0 49.6

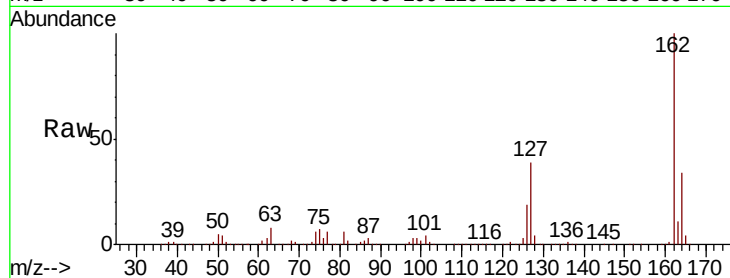
164 33.8 27.4 41.0

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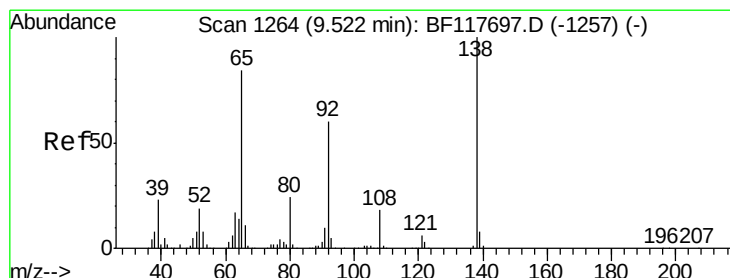
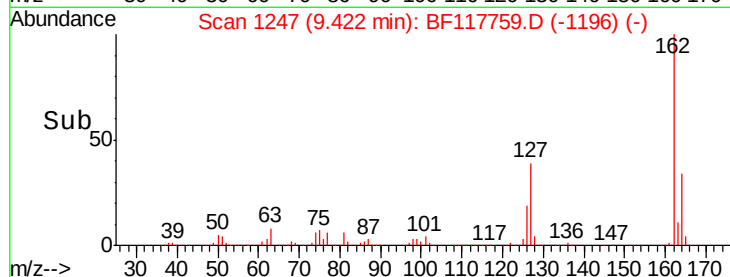
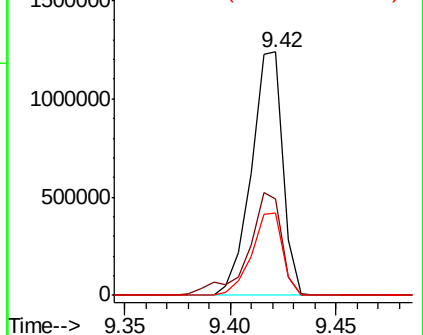
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 35.956 ng

RT: 9.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

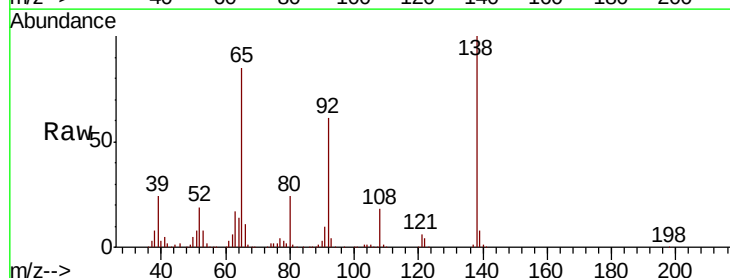
Tgt Ion: 65 Resp: 379493

Ion Ratio Lower Upper

65 100

92 71.3 57.9 86.9

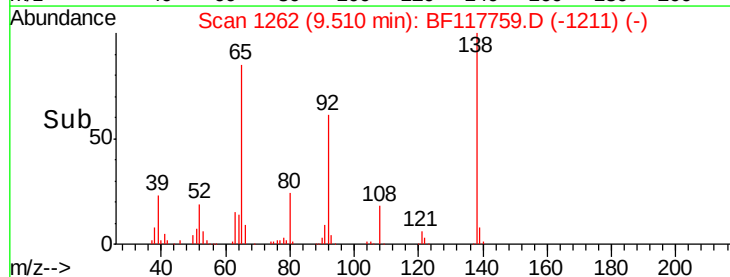
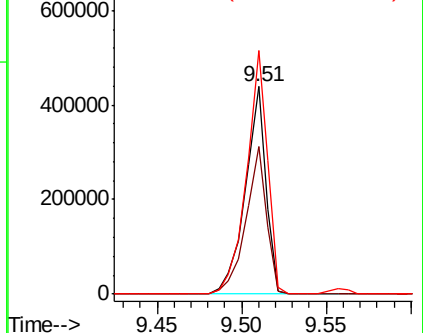
138 117.3 90.7 136.1

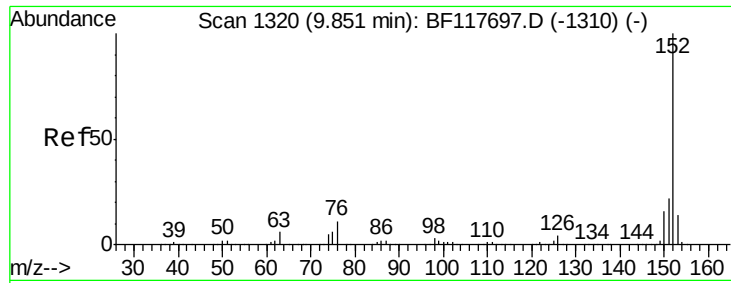


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.921 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Instrument :

BNA_F

ClientSampleId :

TP-16B-SMS

Tot Ion:152 Resp: 2007103

Ion Ratio Lower Upper

152 100

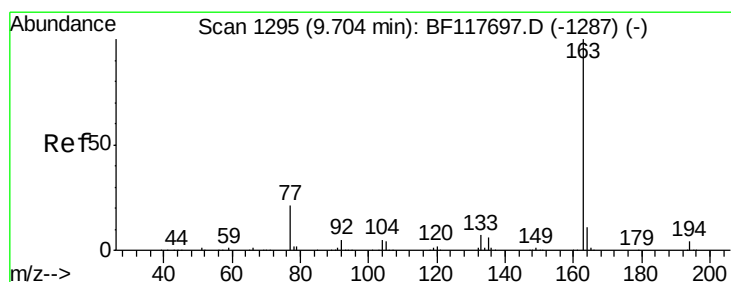
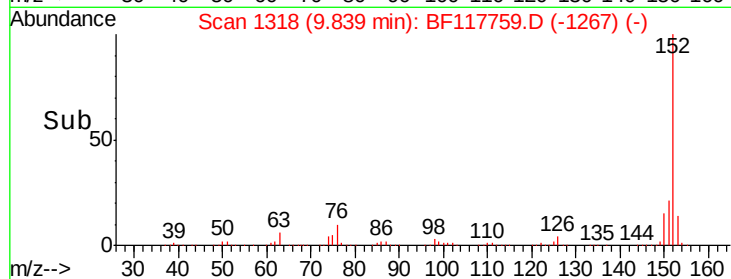
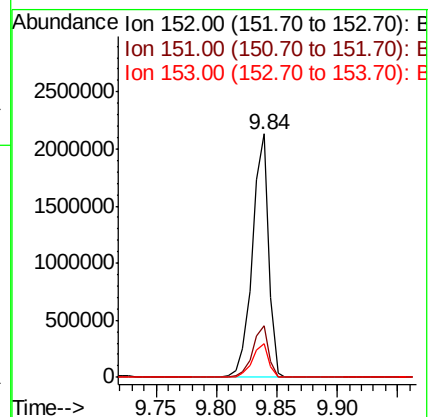
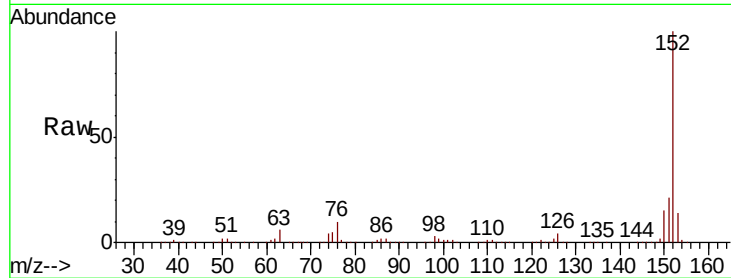
151 21.1 17.5 26.3

153 14.0 11.7 17.5

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#50

Dimethylphthalate

Concen: 43.204 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

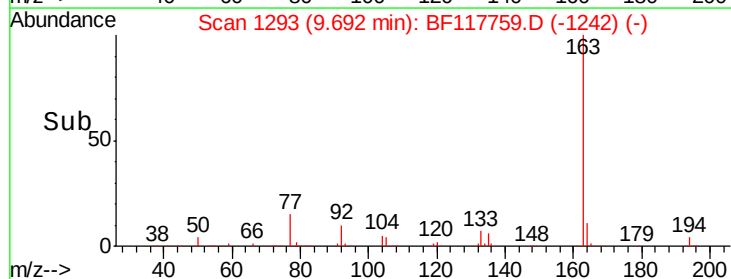
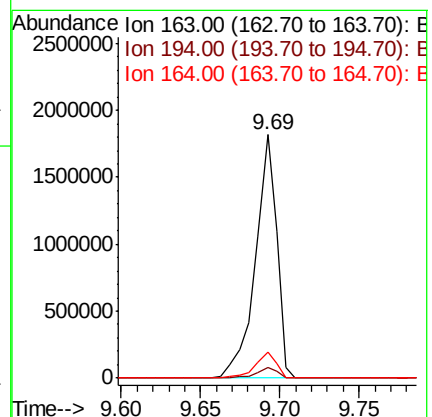
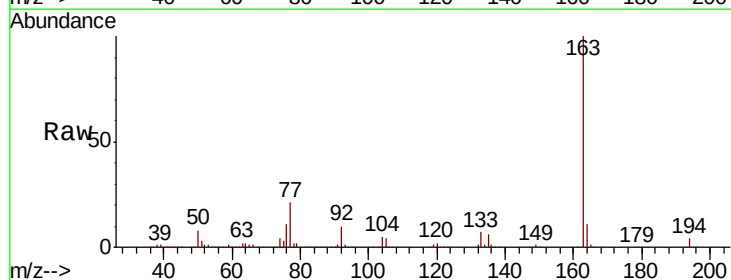
Tgt Ion:163 Resp: 1692519

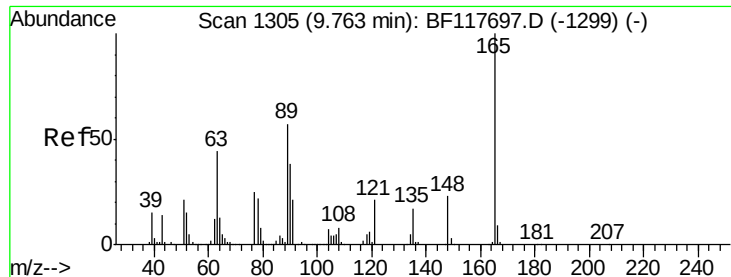
Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

164 10.6 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 38.917 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Instrument :

BNA_F

ClientSampleId :

TP-16B-SMS

Tot Ion:165 Resp: 341393

Ion Ratio Lower Upper

165 100

63 54.4 36.6 55.0

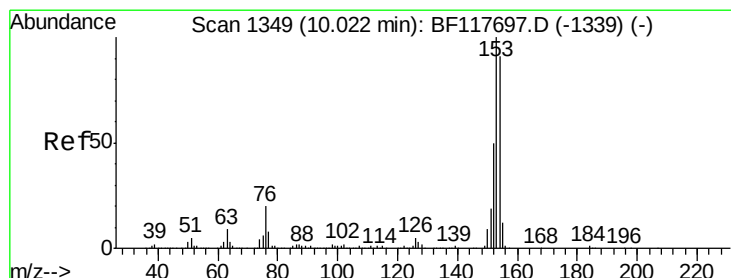
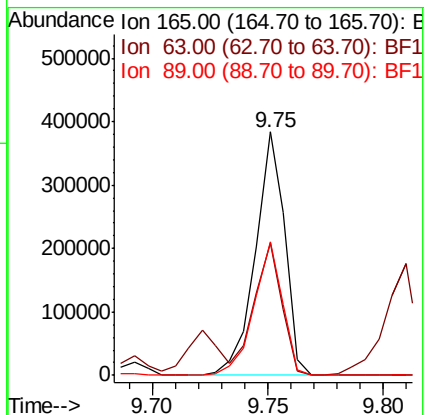
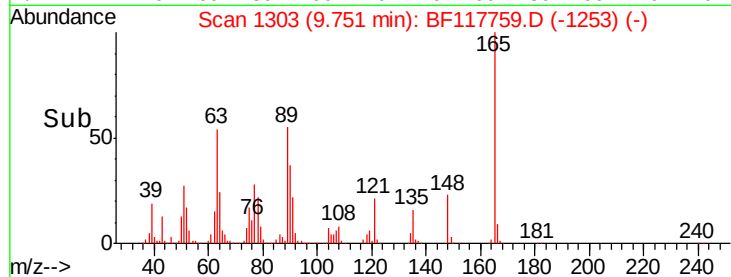
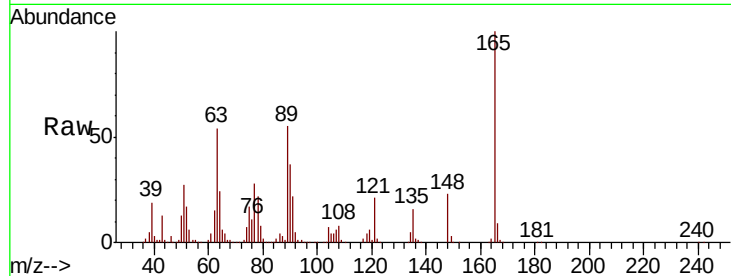
89 55.0 39.2 58.8

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#52

Acenaphthene

Concen: 41.428 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

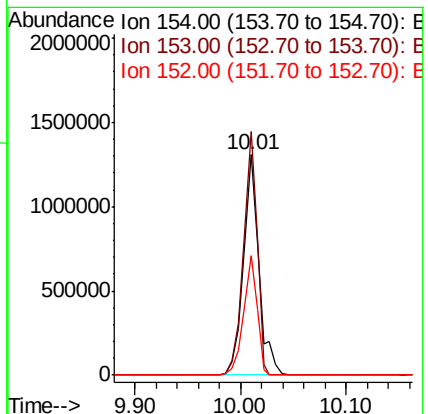
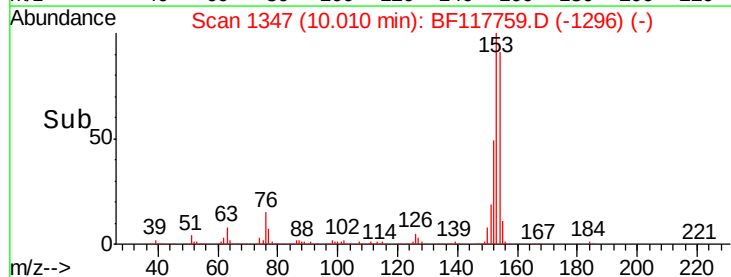
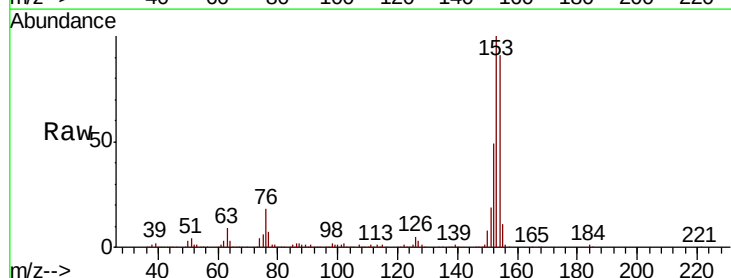
Tgt Ion:154 Resp: 1311195

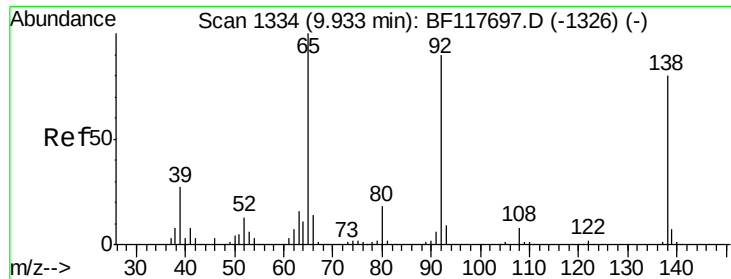
Ion Ratio Lower Upper

154 100

153 110.4 89.0 133.6

152 54.1 43.8 65.8





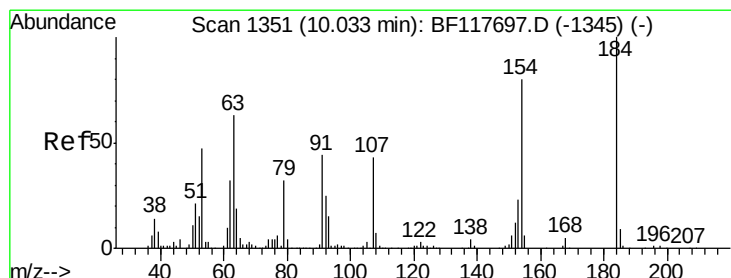
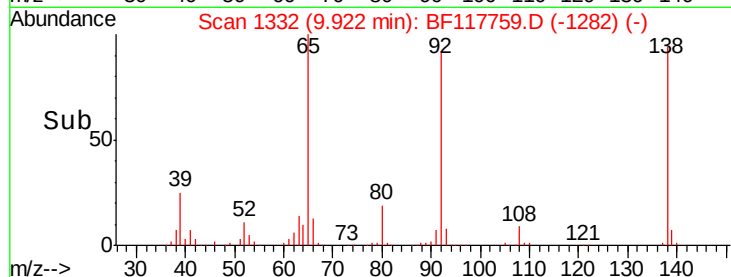
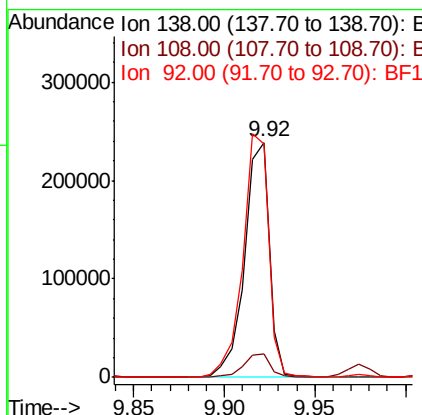
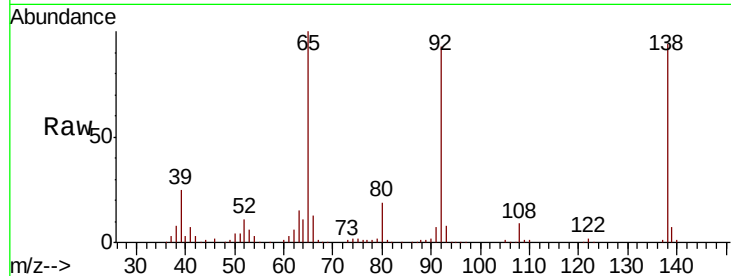
#53
3-Nitroaniline
Concen: 21.499 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	227532		
108	9.8	8.2	12.2	
92	99.2	81.5	122.3	

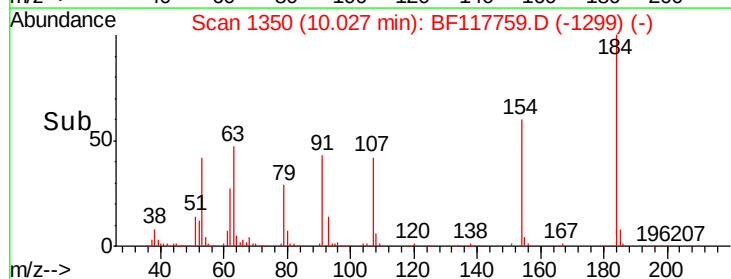
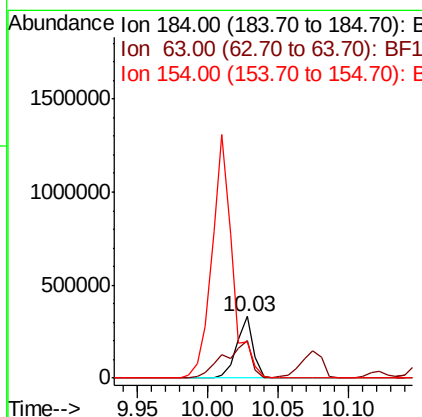
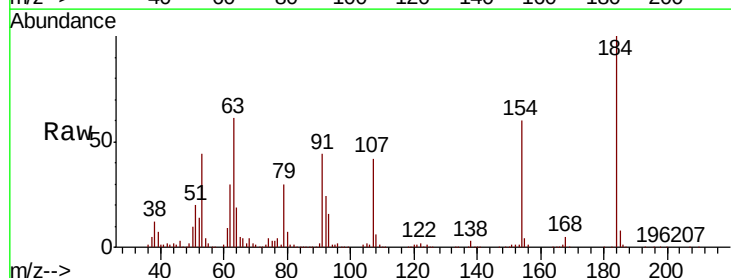
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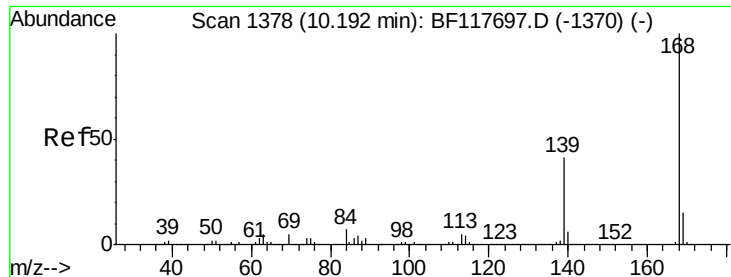
mohammad
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#54
2,4-Dinitrophenol
Concen: 90.019 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	270723		
63	61.2	45.8	68.8	
154	59.8	48.4	72.6	





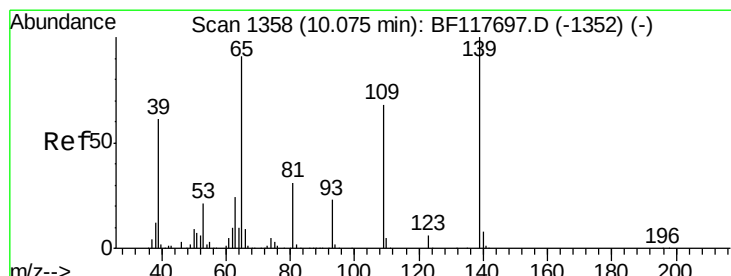
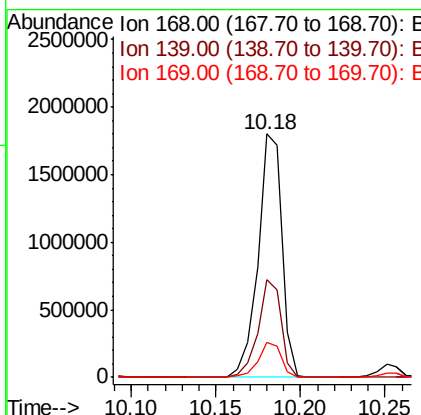
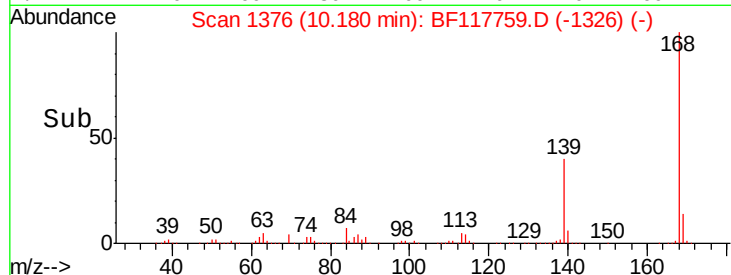
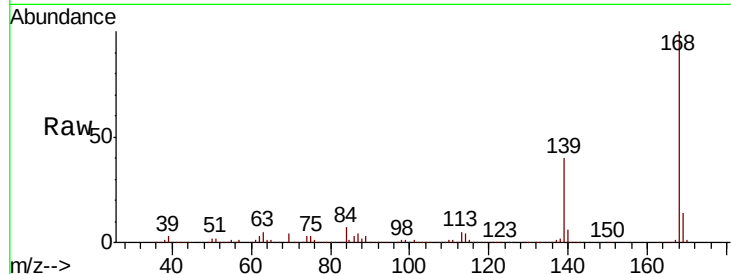
#55
Dibenzenofuran
Concen: 39.934 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	31.4	47.2
169	14.3	11.1	16.7

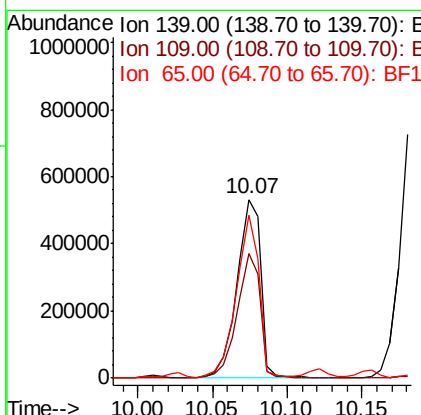
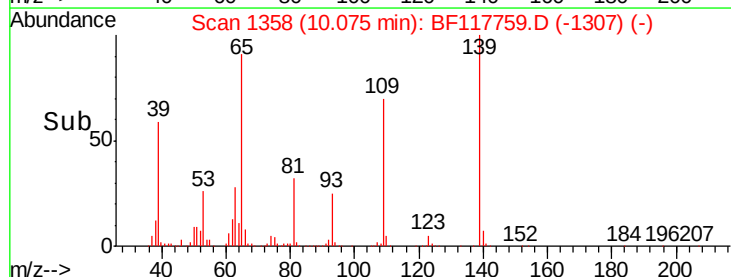
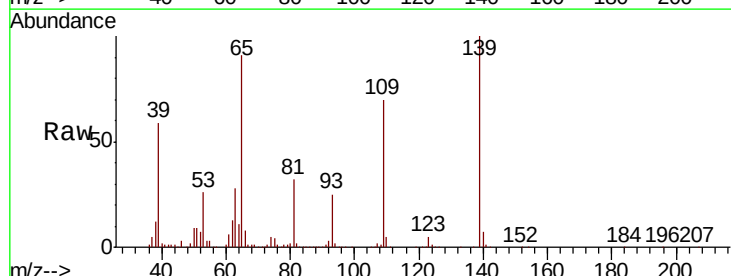
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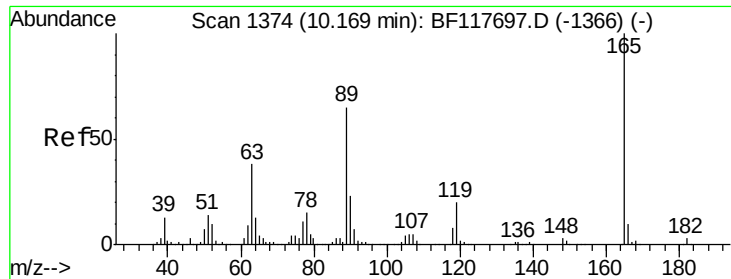
mohammad
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#56
4-Nitrophenol
Concen: 74.508 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.8	45.1	85.1
65	91.2	61.7	101.7





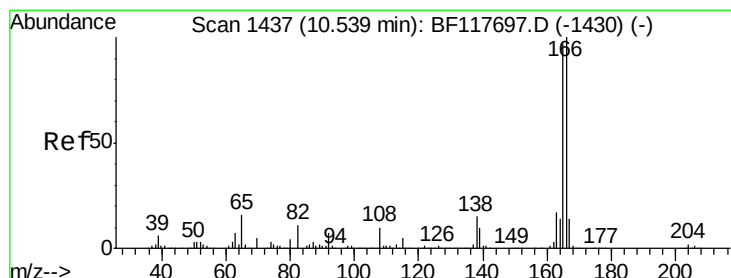
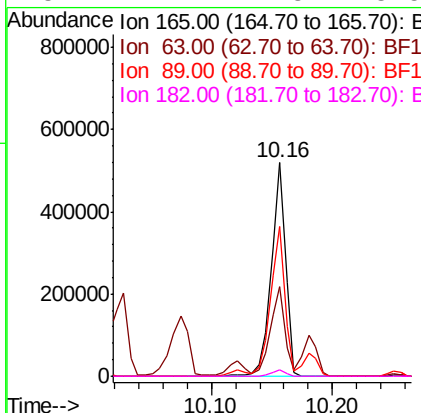
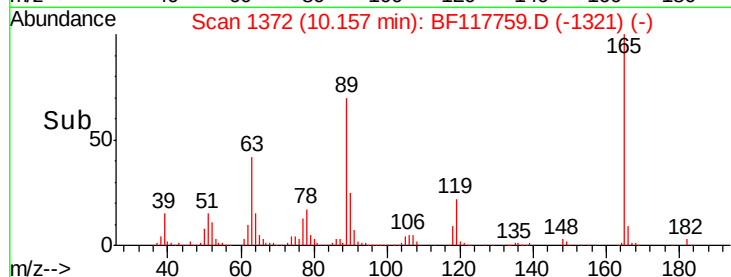
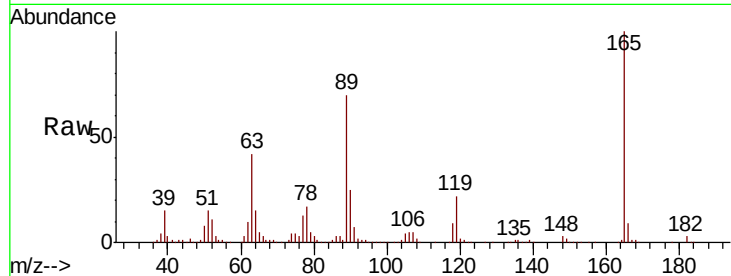
#57
2,4-Dinitrotoluene
Concen: 38.439 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampled :
TP-16B-SMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	432551		
63	42.2		34.4	51.6
89	70.1		57.8	86.8
182	2.7		2.3	3.5

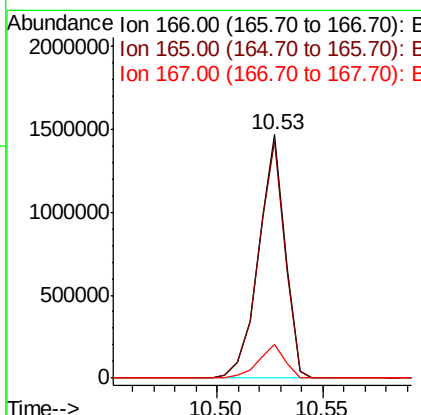
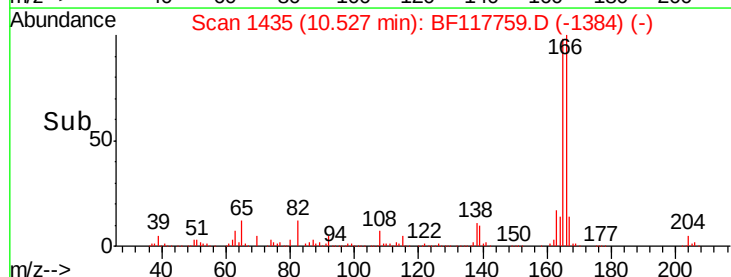
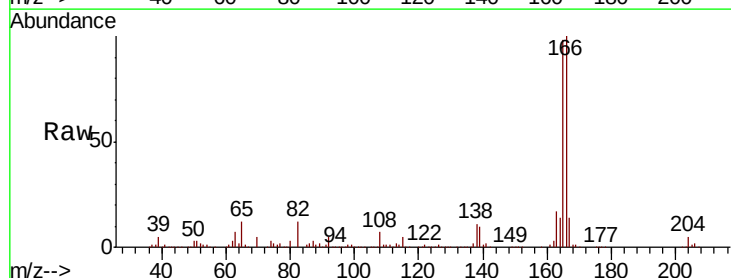
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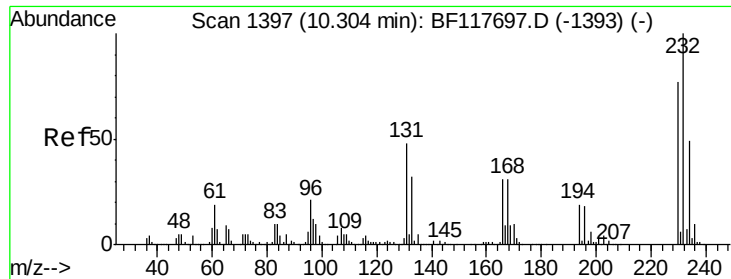
mohammad
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#58
Fluorene
Concen: 39.130 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1277236		
165	97.5		77.5	116.3
167	13.8		11.3	16.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.376 ng

RT: 10.30 min Scan# 1396

Delta R.T. 0.00 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Instrument :

BNA_F

ClientSampleId :

TP-16B-SMS

Tot Ion:232 Resp: 383084
Ion Ratio Lower Upper

232 100

131 46.3 36.2 54.4

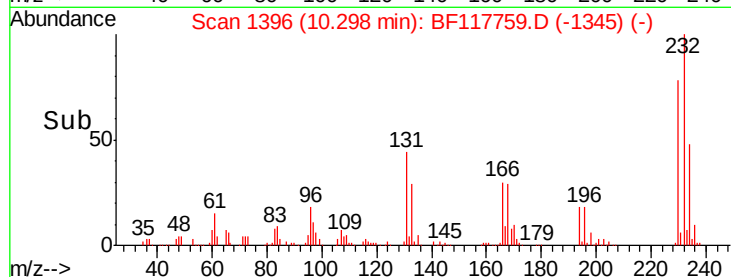
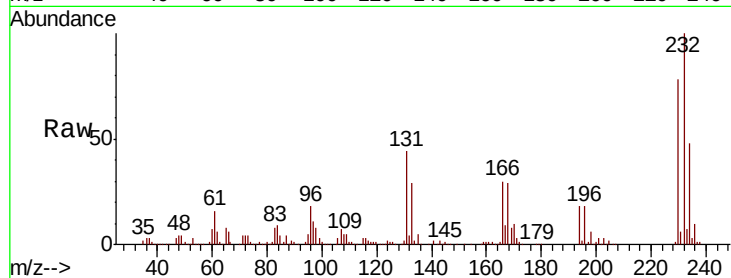
130 2.3 1.8 2.8

166 30.3 24.1 36.1

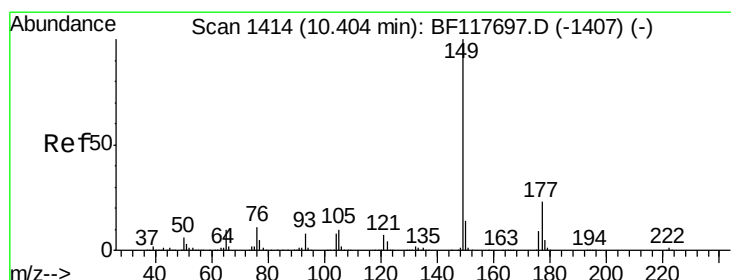
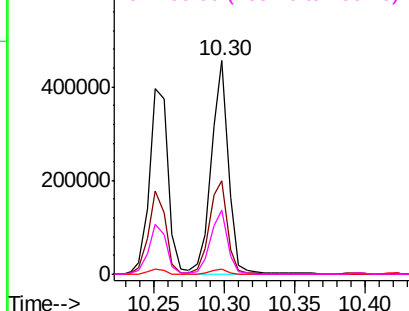
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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.192 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF117759.D

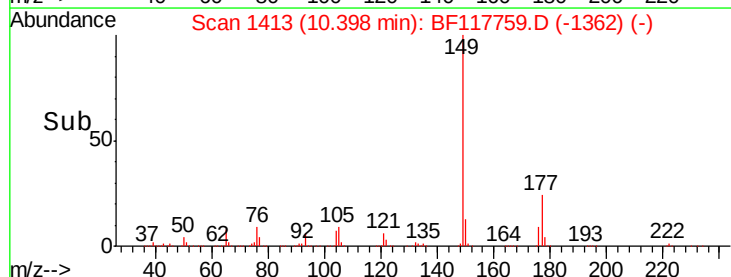
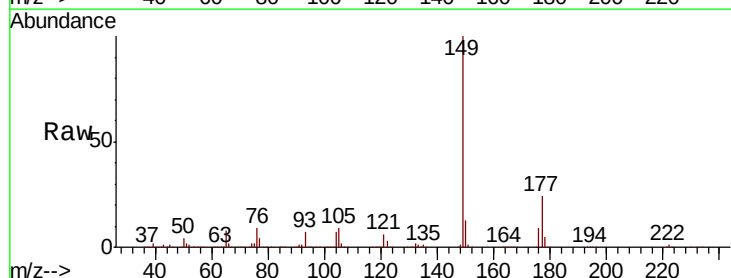
Acq: 12 Nov 2019 15:08

Tgt Ion:149 Resp: 1471411
Ion Ratio Lower Upper

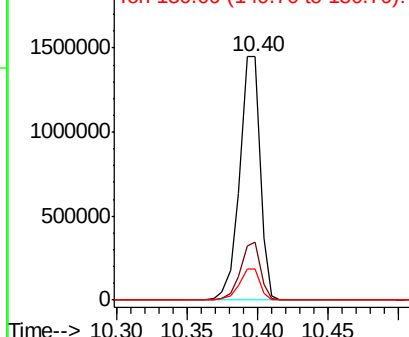
149 100

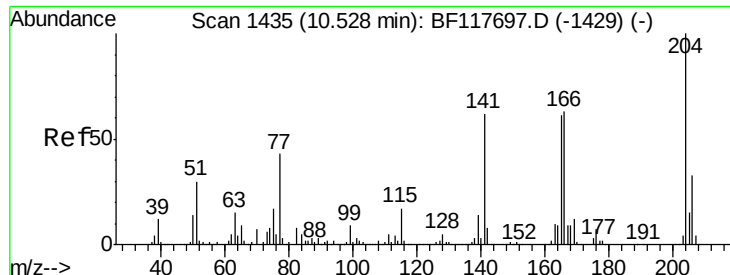
177 23.9 18.7 28.1

150 12.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





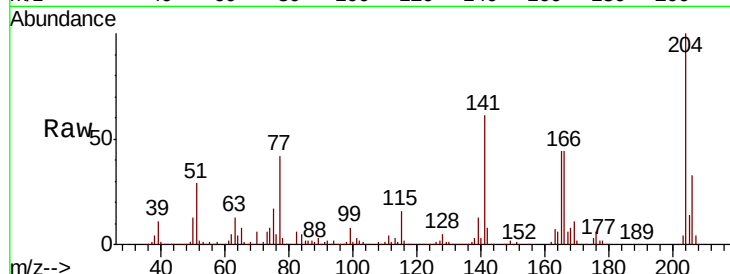
#61
4-Chlorophenyl-phenylether
Concen: 39.507 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampled :
TP-16B-SMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	61.4	50.4	75.6

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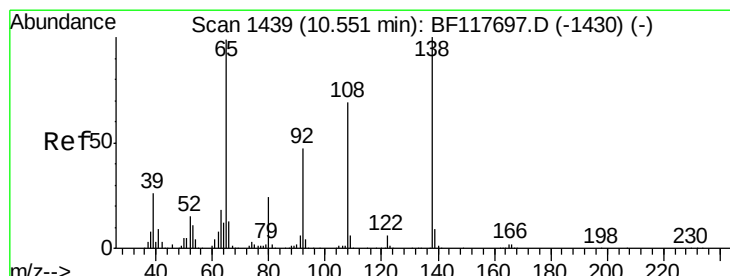
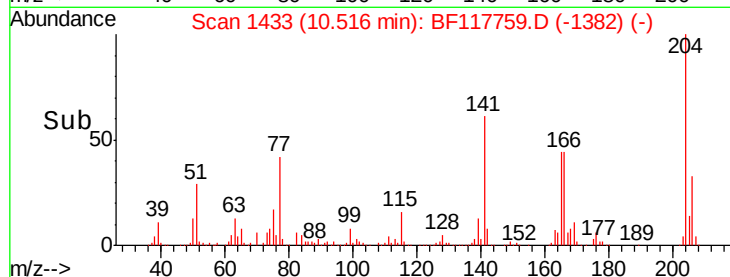
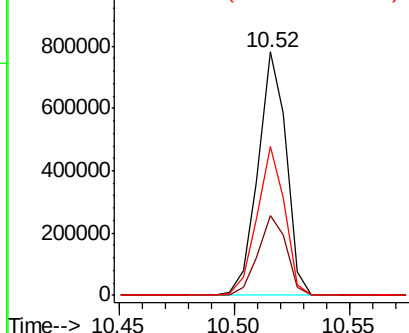


Abundance

Ion 204.00 (203.70 to 204.70): E

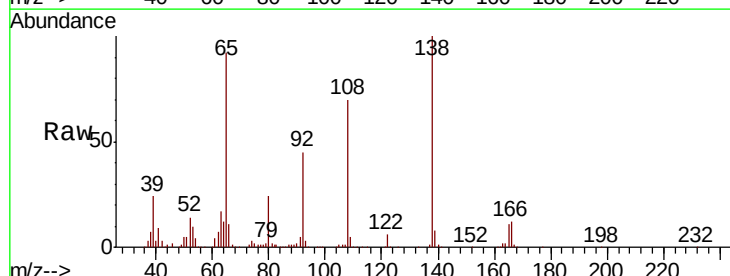
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 32.717 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.7	29.3	69.3
108	69.6	52.7	92.7

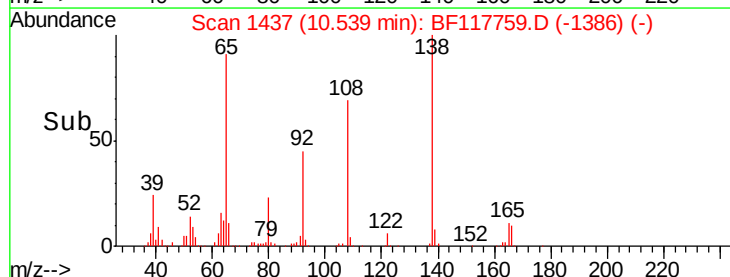
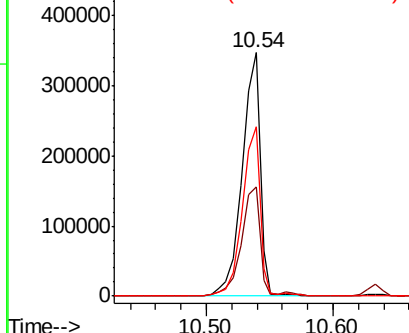


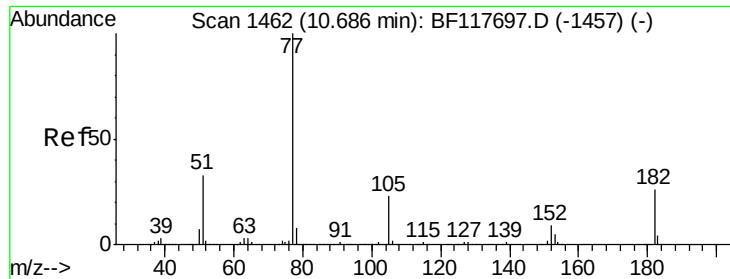
Abundance

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





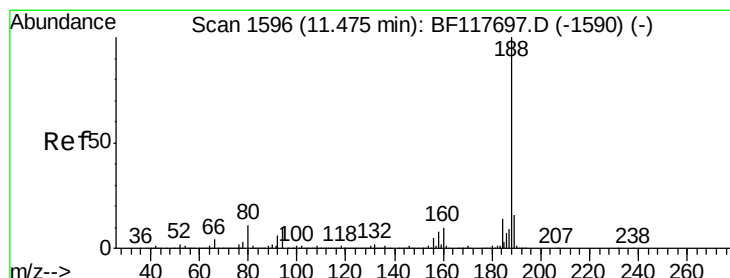
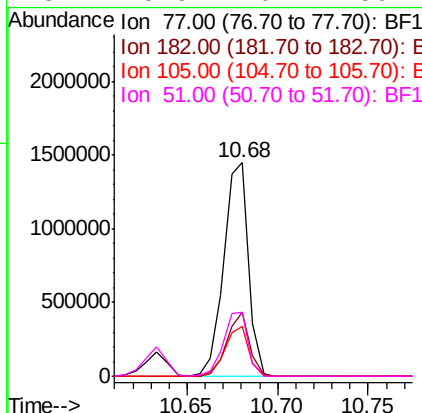
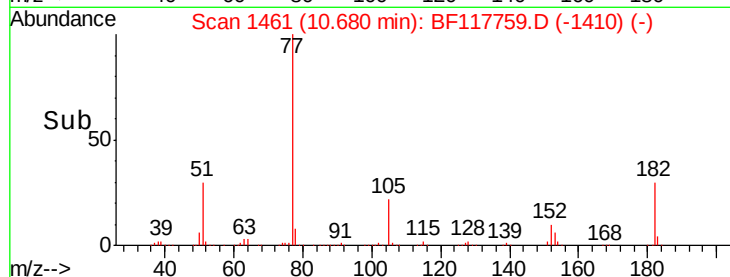
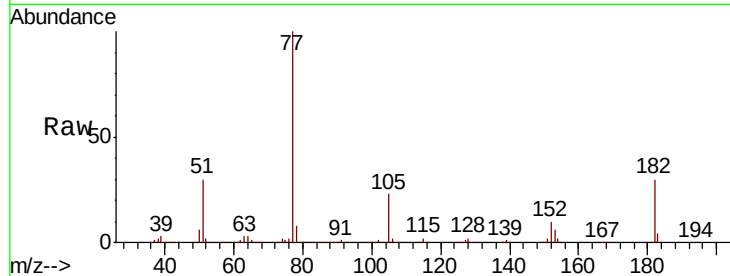
#63
Azobenzene
Concen: 37.512 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.2	9.8	49.8	
105	23.2	3.3	43.3	
51	29.9	10.7	50.7	

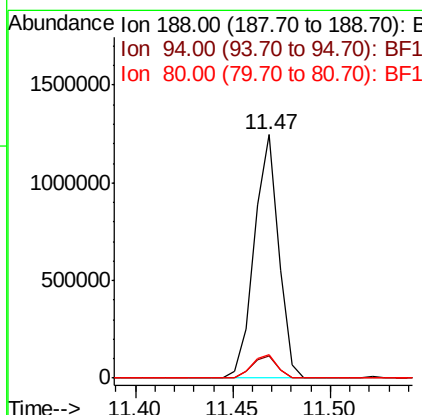
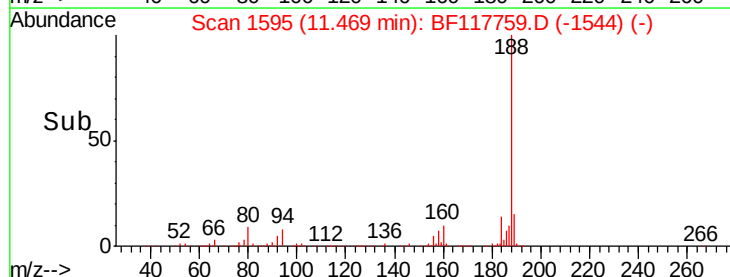
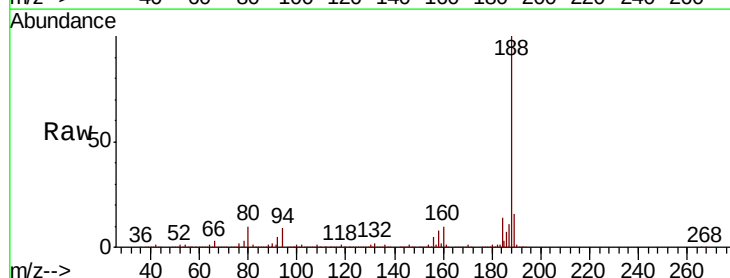
Manual Integrations
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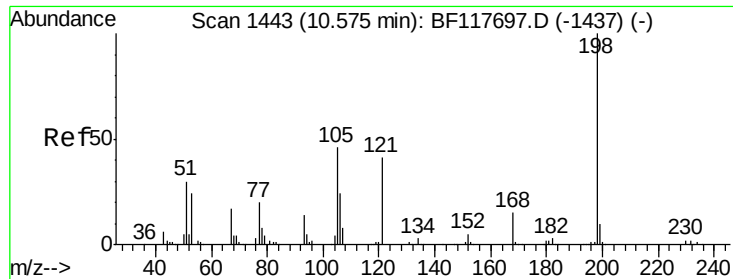
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.9	7.4	11.2	
80	9.6	8.1	12.1	





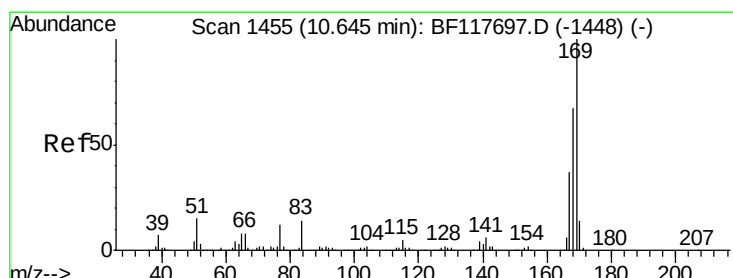
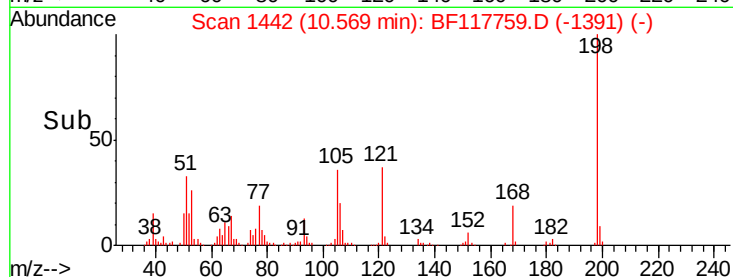
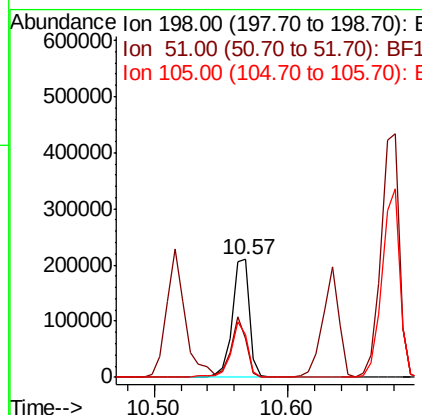
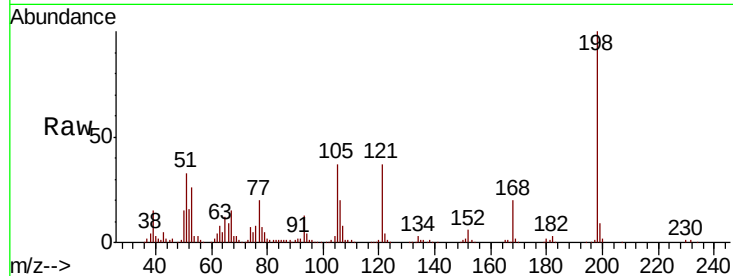
#65
4,6-Dinitro-2-methylphenol
Concen: 45.292 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	194500		
51	33.4	19.9	59.9	
105	36.6	22.6	62.6	

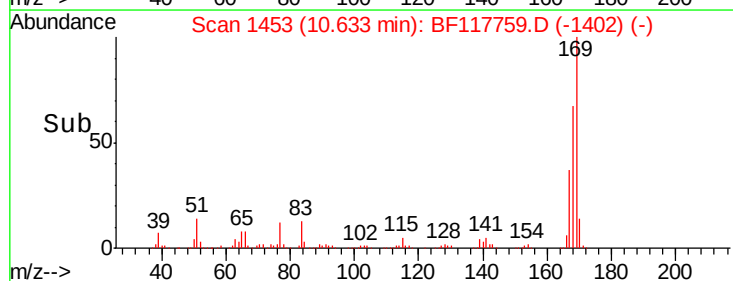
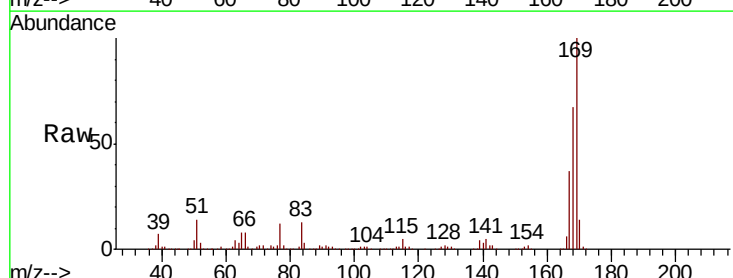
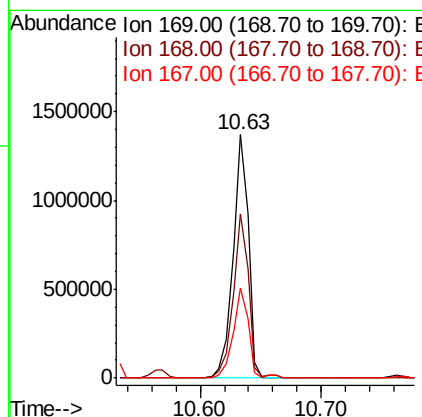
Manual Integrations
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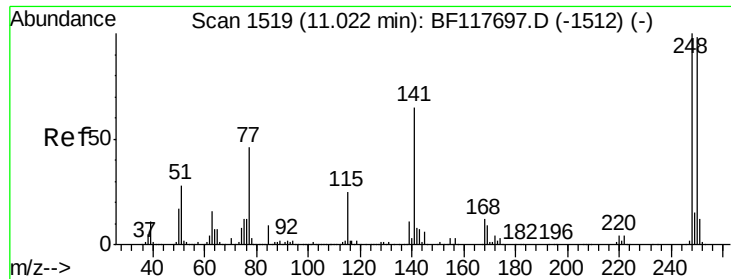
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#66
n-Nitrosodiphenylamine
Concen: 38.025 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1207807		
168	67.2	53.1	79.7	
167	36.9	29.3	43.9	





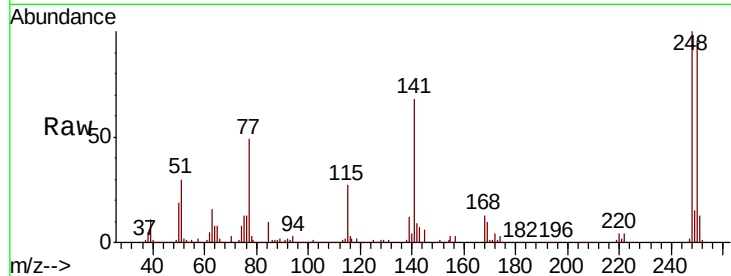
#67
4-Bromophenyl-phenylether
Concen: 36.667 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	77.8	116.6
141	68.4	58.6	88.0

Manual Integrations
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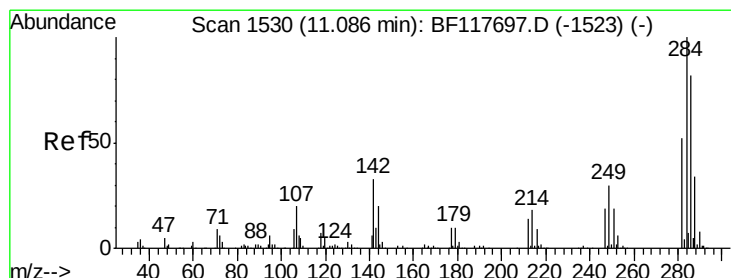
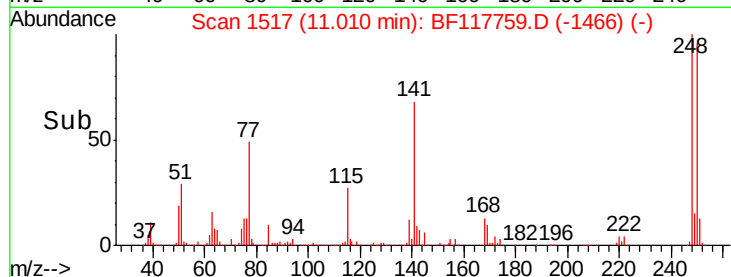
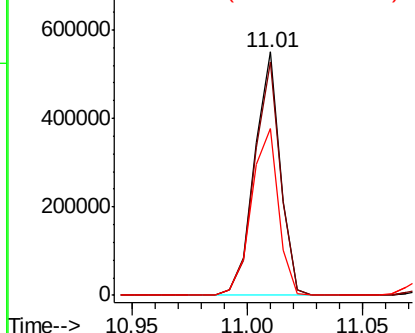


Abundance

Ion 248.00 (247.70 to 248.70): E

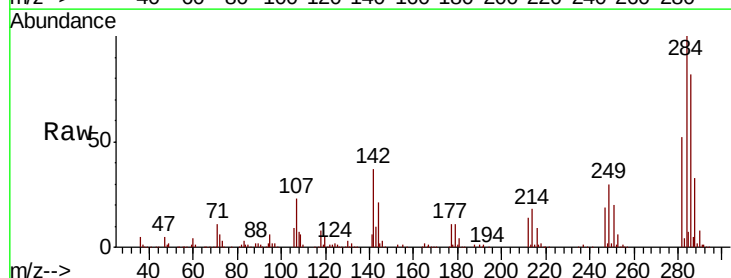
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.822 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	22.8	34.2#
249	30.5	23.0	34.6

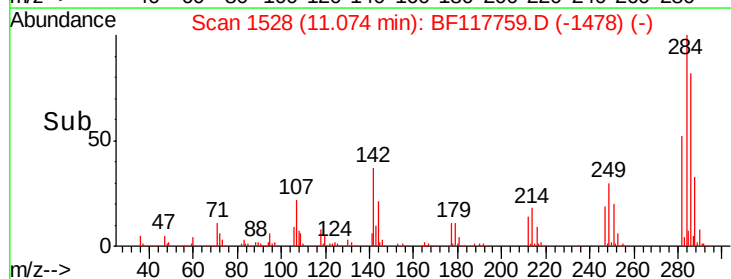
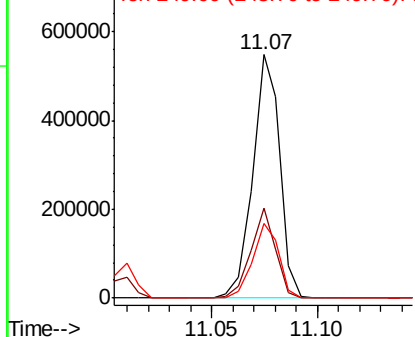


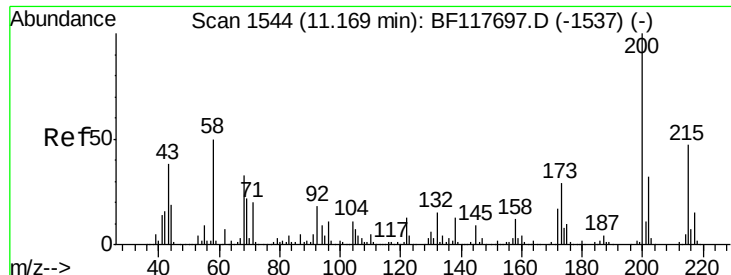
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





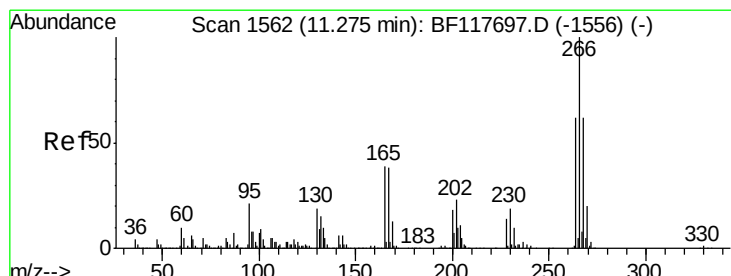
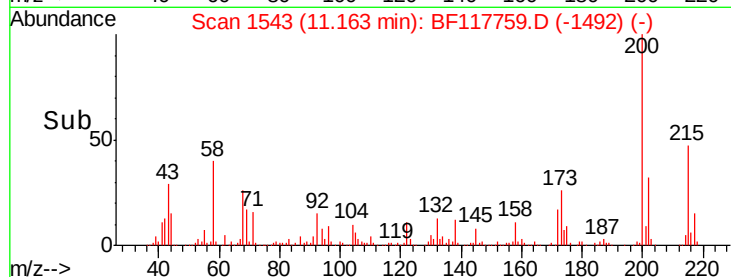
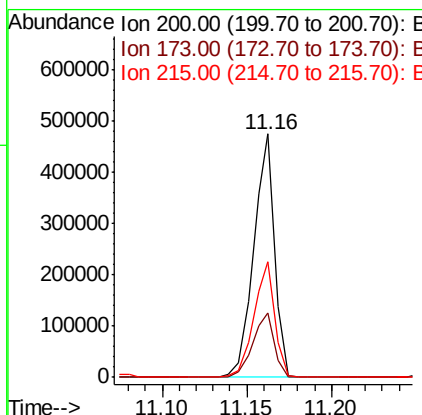
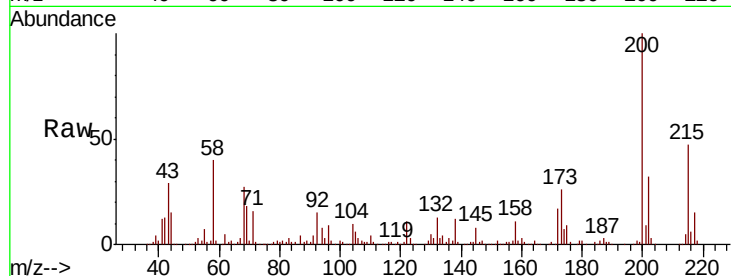
#69
Atrazine
Concen: 39.069 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	408933		
173	26.4	6.6	46.6	
215	47.4	28.6	68.6	

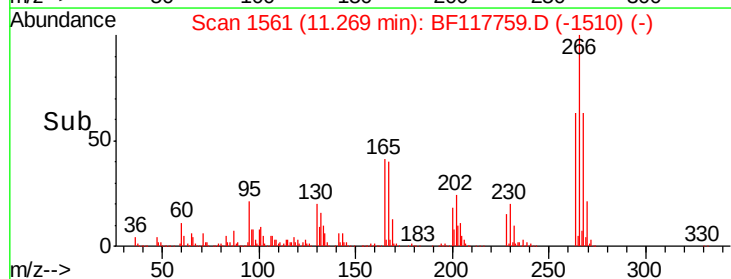
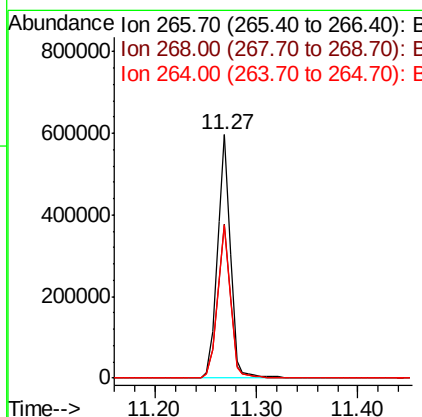
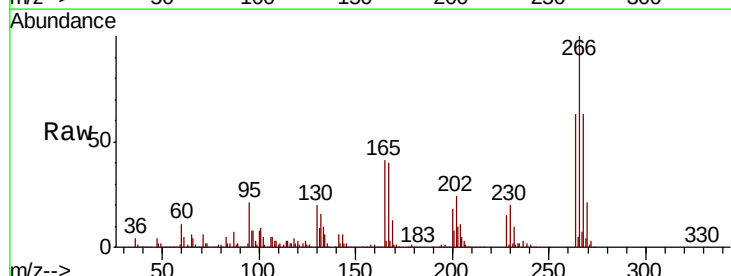
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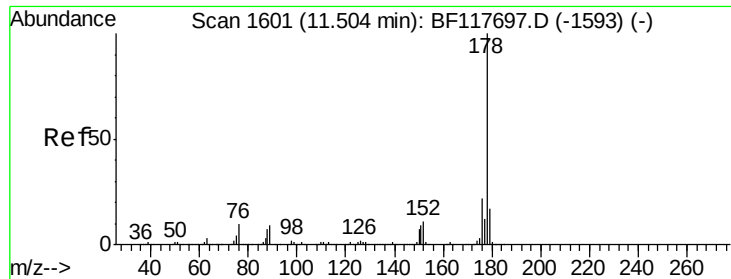
mohammad
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#70
Pentachlorophenol
Concen: 70.668 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	536008		
268	63.0	50.1	75.1	
264	62.5	49.8	74.6	





#71

Phenanthrene

Concen: 37.786 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Instrument :

BNA_F

ClientSampleId :

TP-16B-SMS

Tot Ion:178 Resp: 1947819

Ion Ratio Lower Upper

178 100

176 20.8 16.8 25.2

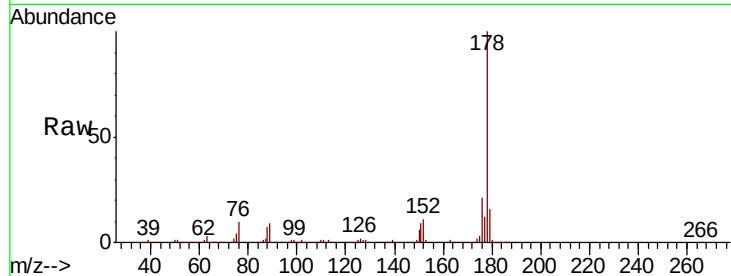
179 16.4 13.5 20.3

Manual Integrations

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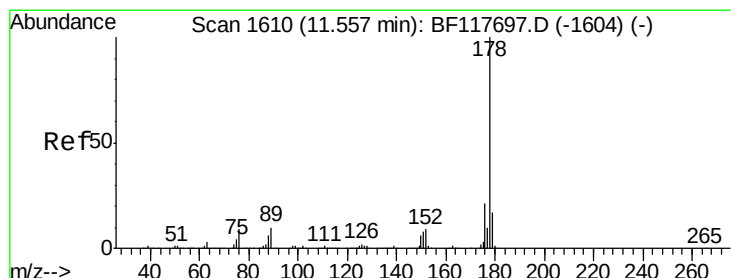
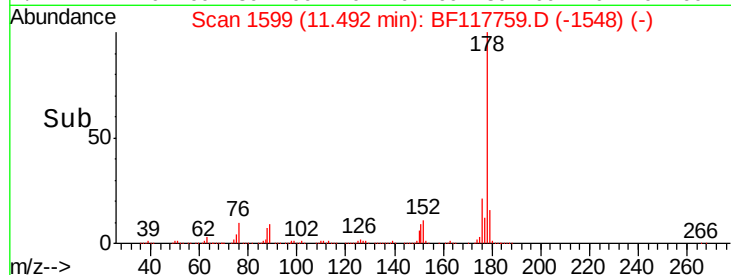
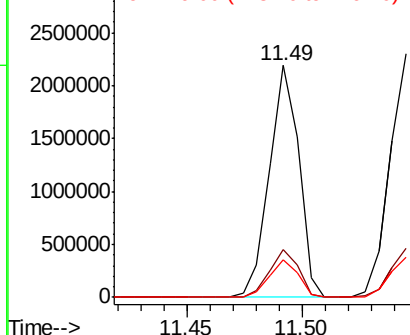


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.078 ng

RT: 11.54 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Tgt Ion:178 Resp: 2004112

Ion Ratio Lower Upper

178 100

176 20.2 16.4 24.6

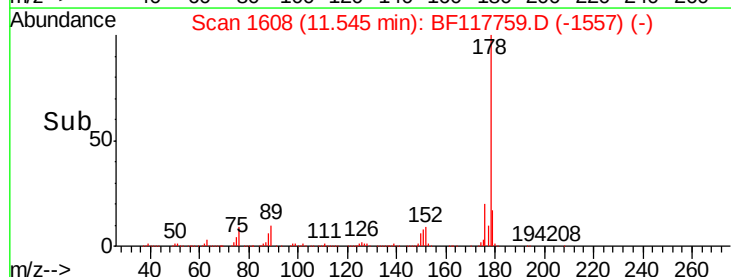
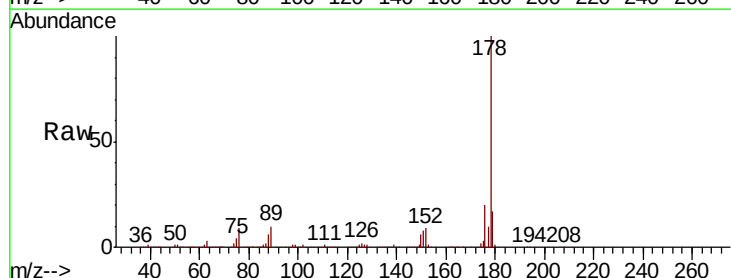
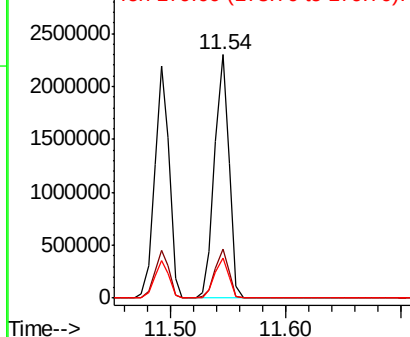
179 16.5 13.6 20.4

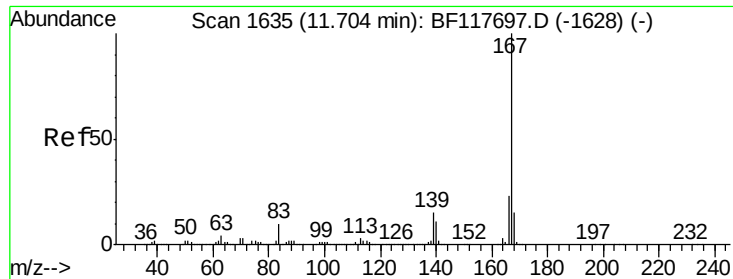
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





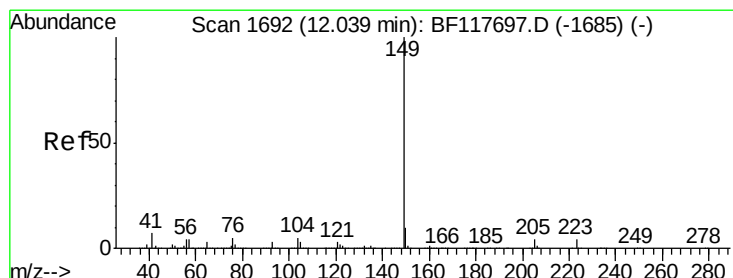
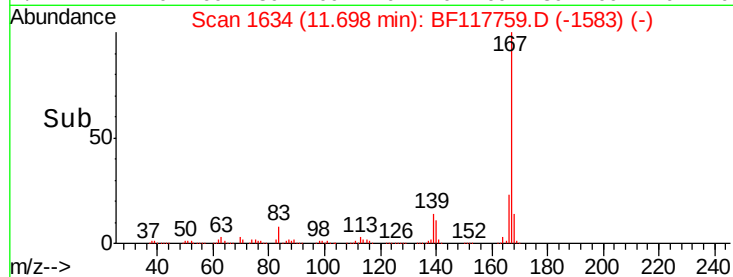
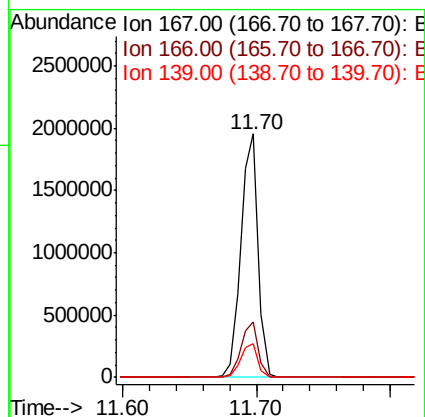
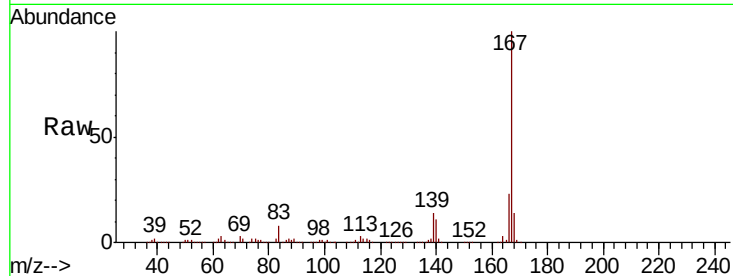
#73
 Carbazole
 Concen: 37.535 ng
 RT: 11.70 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BF117759.D
 Acq: 12 Nov 2019 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-16B-SMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.6	27.8
139	14.0	11.6	17.4

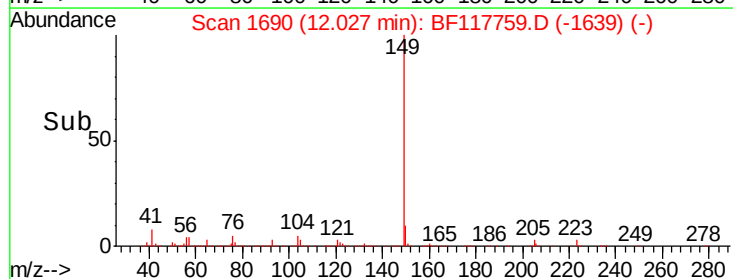
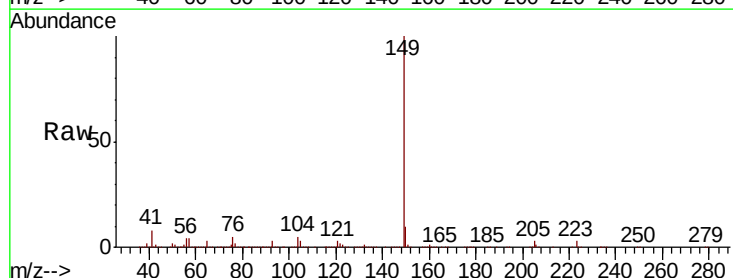
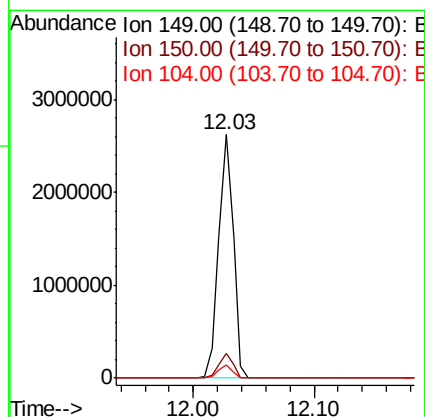
Manual Integrations
 APPROVED

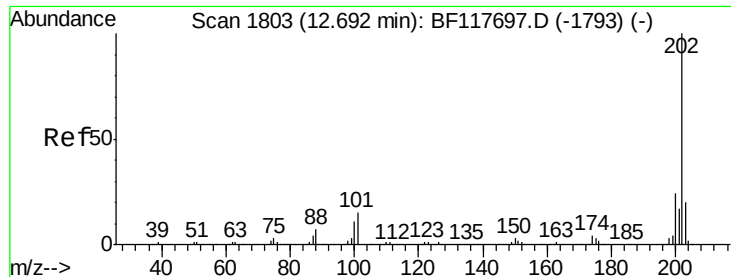
mohammad
 11/13/2019 6:48:23 PM



#74
 Di-n-butylphthalate
 Concen: 37.896 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BF117759.D
 Acq: 12 Nov 2019 15:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.4
104	5.4	4.4	6.6





#75

Fluoranthene

Concen: 36.206 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Instrument :

BNA_F

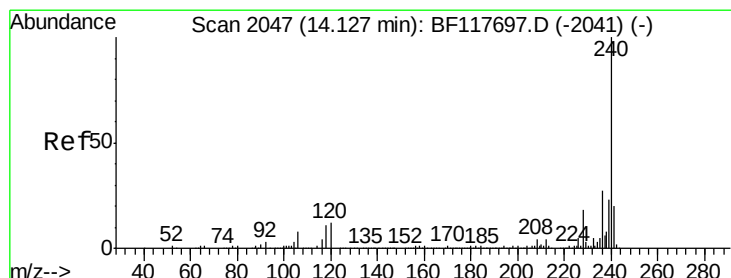
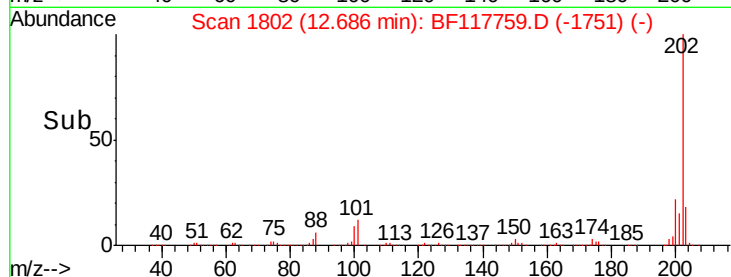
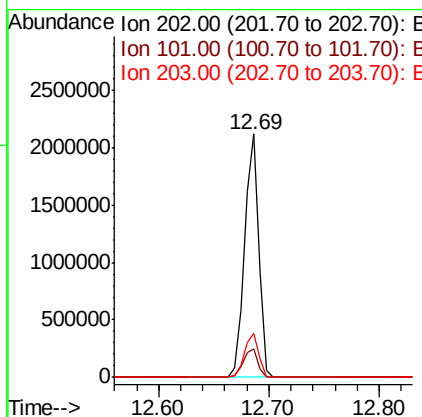
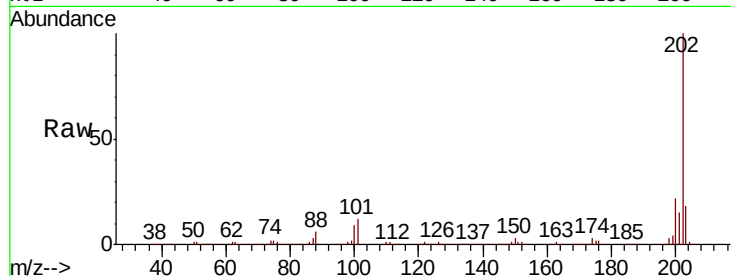
ClientSampleId :

TP-16B-SMS

Tot Ion:	202	Resp:	1905697
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	32.5
203	18.1	0.0	38.9

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#76

Chrysene-d12

Concen: 20.000 ng

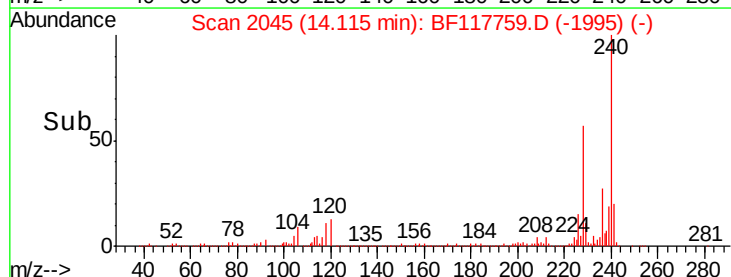
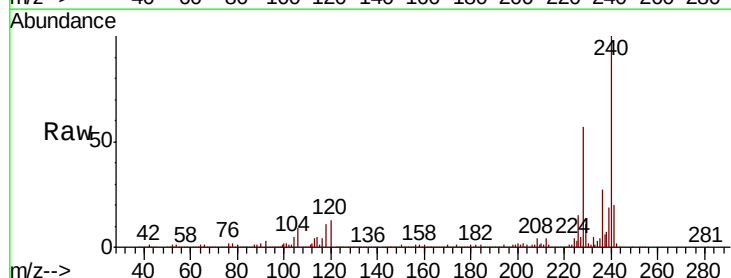
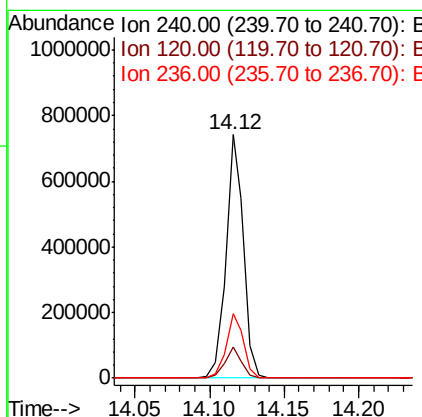
RT: 14.12 min Scan# 2045

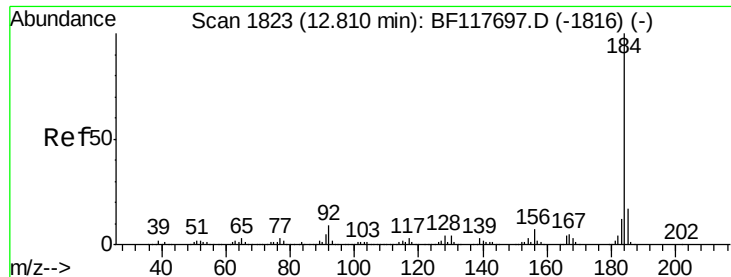
Delta R.T. -0.01 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Tgt Ion:	240	Resp:	614010
Ion Ratio	Lower	Upper	
240	100		
120	12.6	9.3	13.9
236	26.7	21.4	32.0





#77

Benzidine

Concen: 48.780 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Instrument :

BNA_F

ClientSampleId :

TP-16B-SMS

Tot Ion:184 Resp: 1041317

Ion Ratio Lower Upper

184 100

185 14.8 12.4 18.6

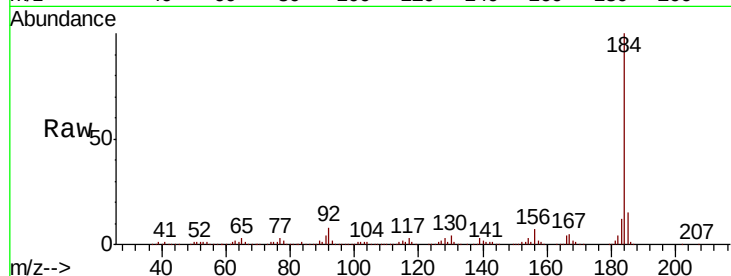
183 12.0 9.8 14.6

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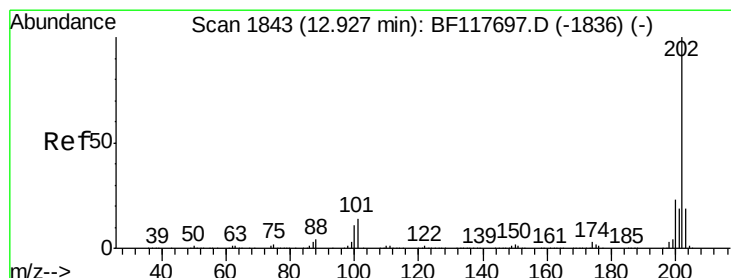
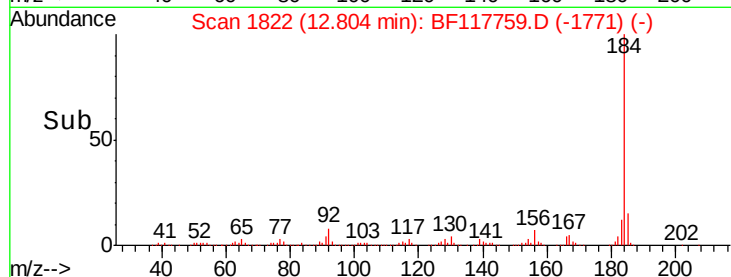
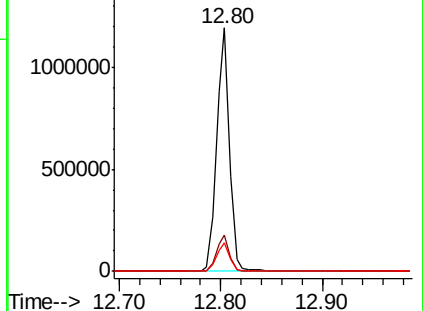
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.803 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

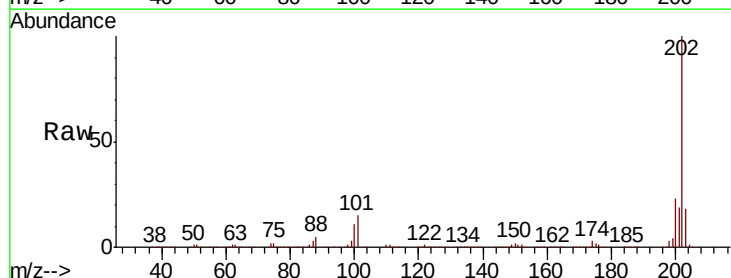
Tgt Ion:202 Resp: 1873686

Ion Ratio Lower Upper

202 100

200 22.9 18.9 28.3

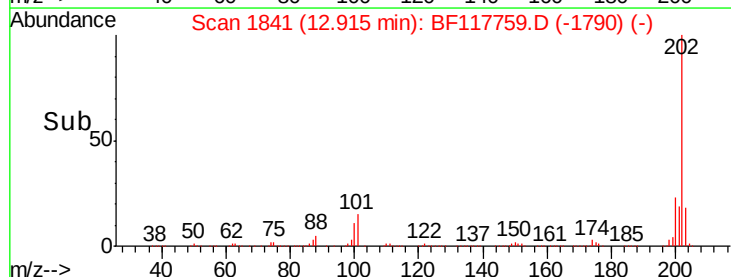
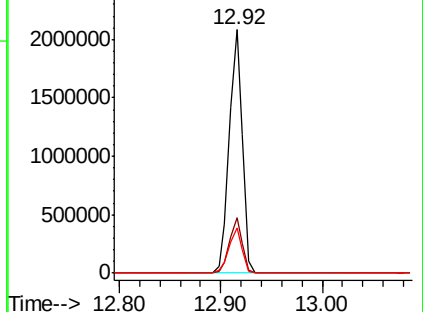
203 18.5 15.3 22.9

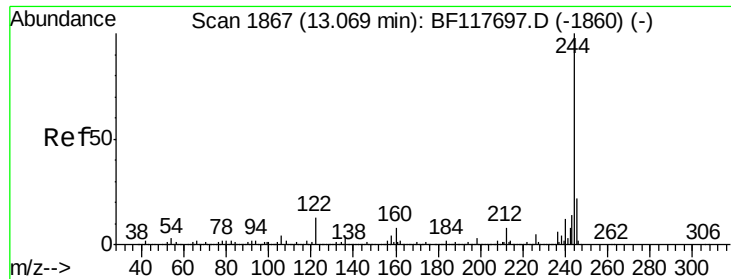


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.110 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Instrument :

BNA_F

ClientSampleId :

TP-16B-SMS

Tot Ion:244 Resp: 1942027

Ion Ratio Lower Upper

244 100

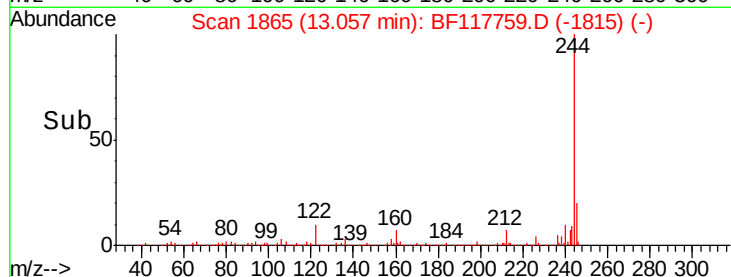
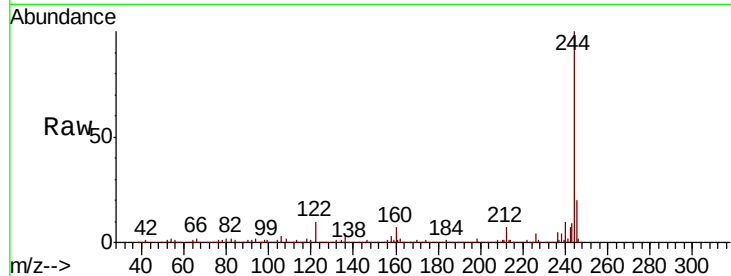
212 6.8 6.2 9.4

122 10.5 9.1 13.7

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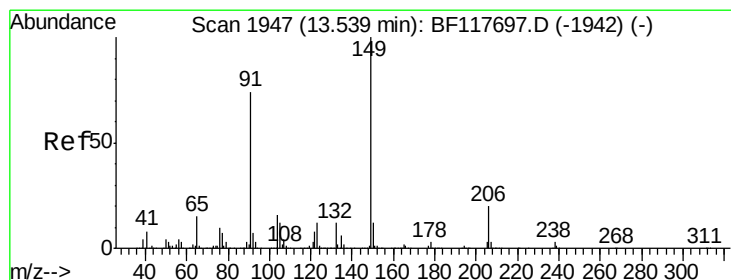
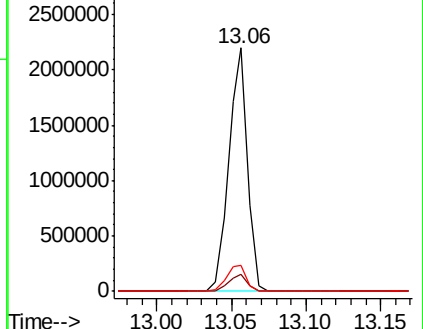
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.906 ng

RT: 13.53 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

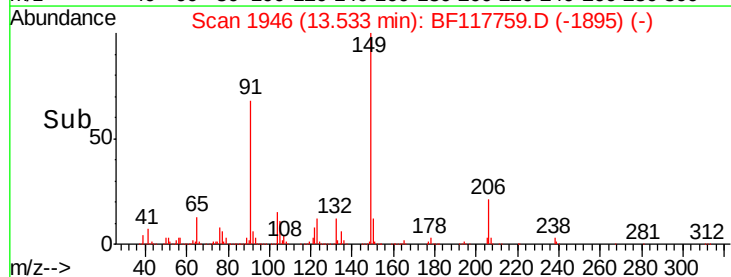
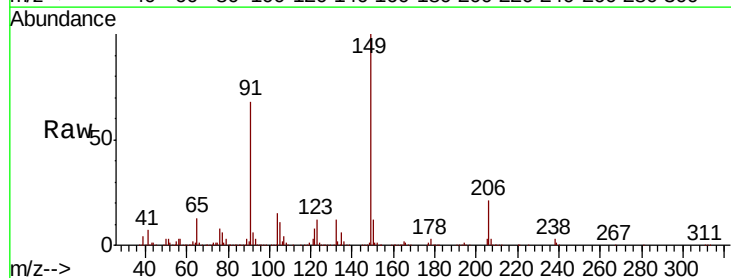
Tgt Ion:149 Resp: 846900

Ion Ratio Lower Upper

149 100

91 67.9 55.7 83.5

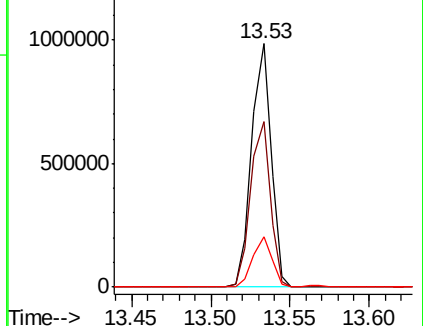
206 20.6 16.1 24.1

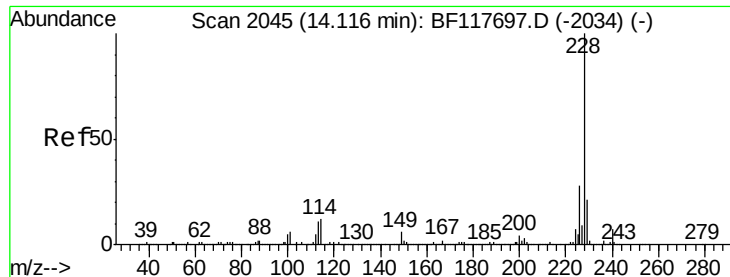


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.148 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Instrument :

BNA_F

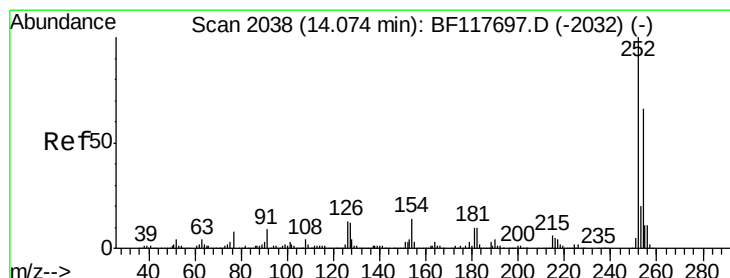
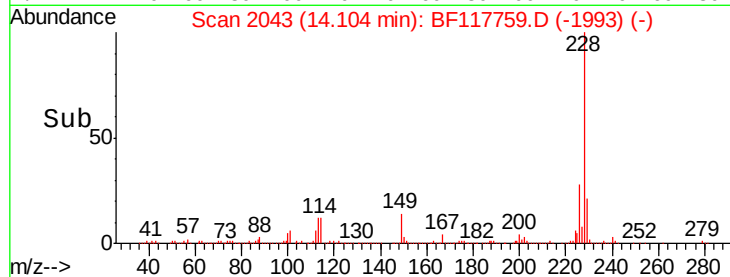
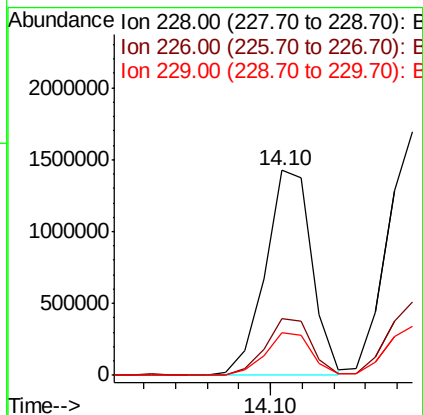
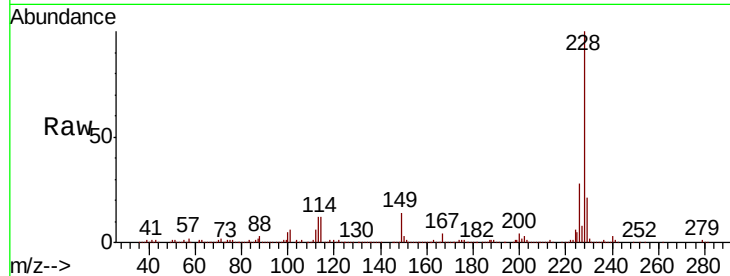
ClientSampleId :

TP-16B-SMS

Tot Ion:	228	Resp:	1458011
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.9	17.0	25.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 29.302 ng

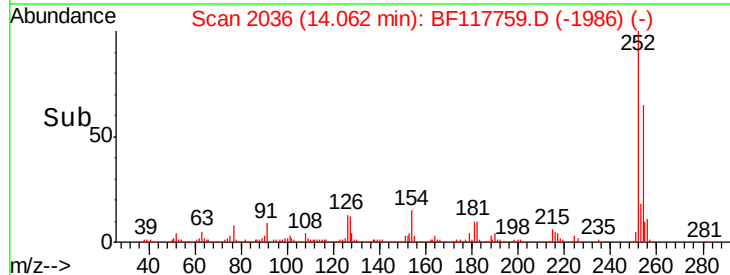
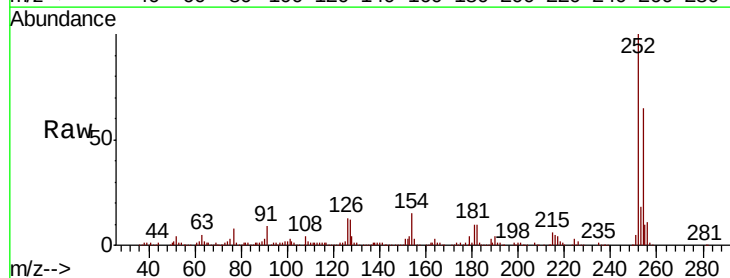
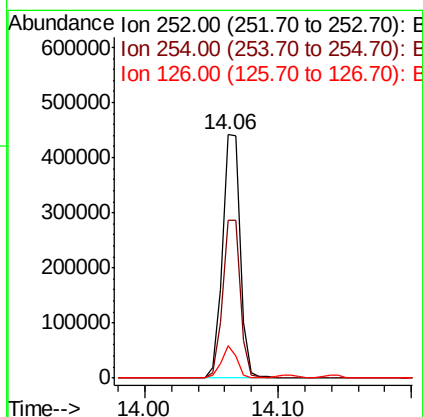
RT: 14.06 min Scan# 2036

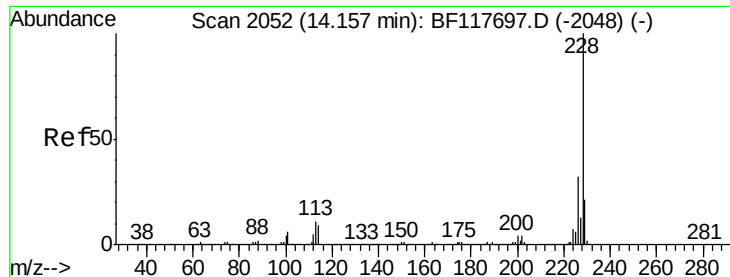
Delta R.T. -0.01 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Tgt Ion:	252	Resp:	418266
Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.0	76.4
126	13.3	9.4	14.2





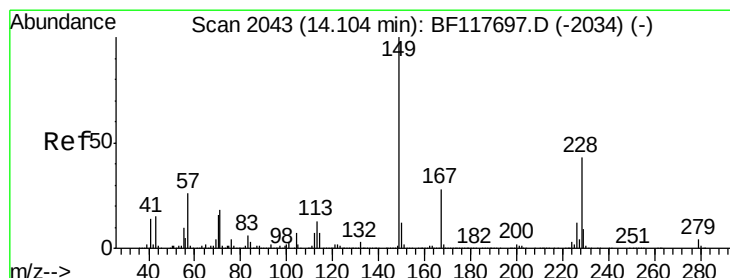
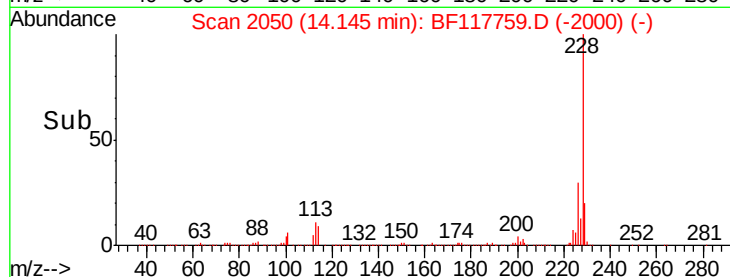
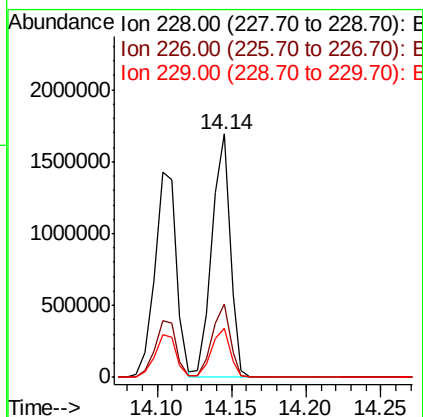
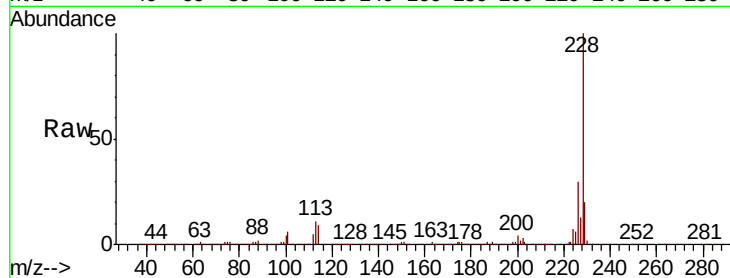
#83
Chrysene
Concen: 38.390 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

Tot Ion:228 Resp: 1448982
Ion Ratio Lower Upper
228 100
226 30.2 25.1 37.7
229 19.9 16.6 25.0

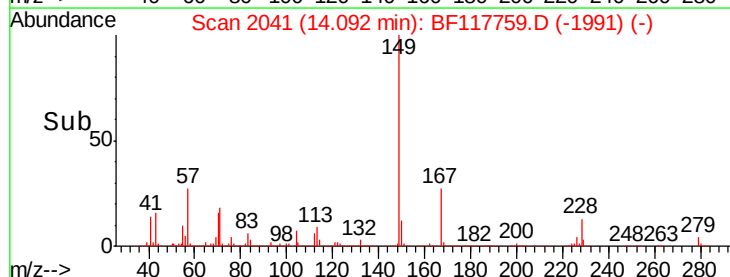
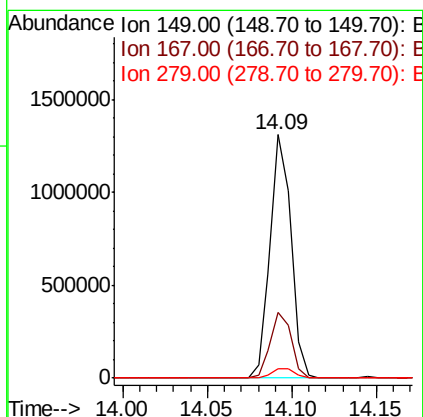
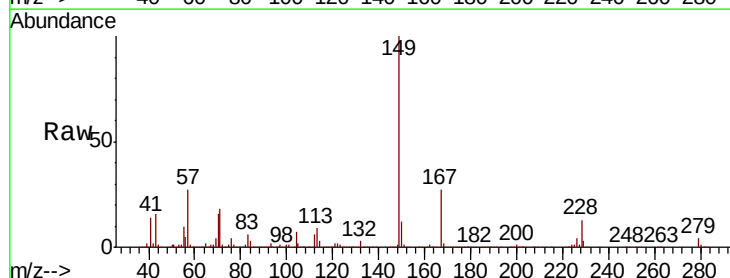
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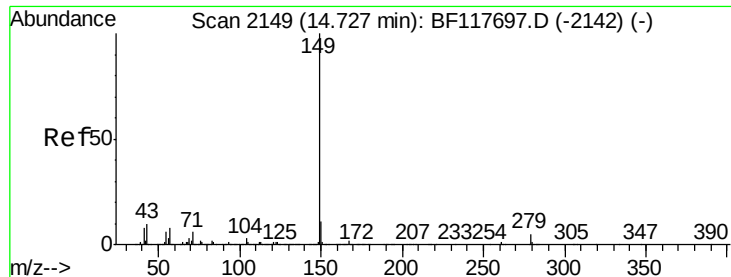
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.917 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion:149 Resp: 1119441
Ion Ratio Lower Upper
149 100
167 27.1 22.1 33.1
279 3.7 3.8 5.8#





#85

Di-n-octyl phthalate

Concen: 41.863 ng

RT: 14.72 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

Instrument :

BNA_F

ClientSampleId :

TP-16B-SMS

Tot Ion:149 Resp: 1759279

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

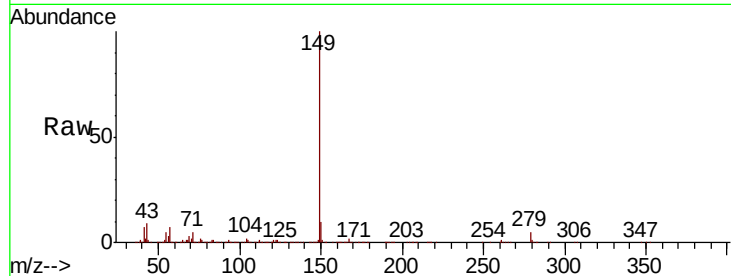
43 9.3 7.8 11.6

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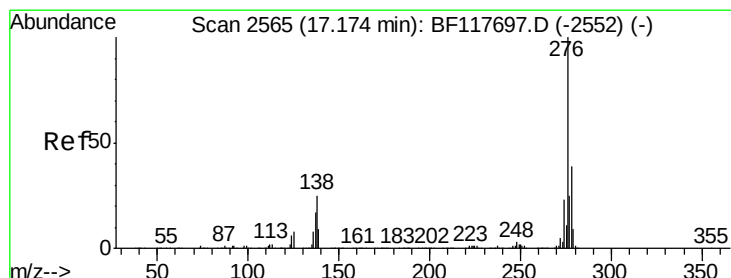
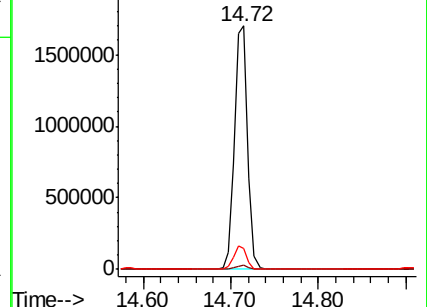
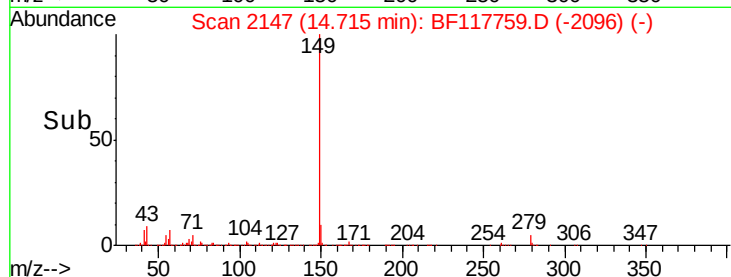
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.758 ng

RT: 17.17 min Scan# 2564

Delta R.T. 0.00 min

Lab File: BF117759.D

Acq: 12 Nov 2019 15:08

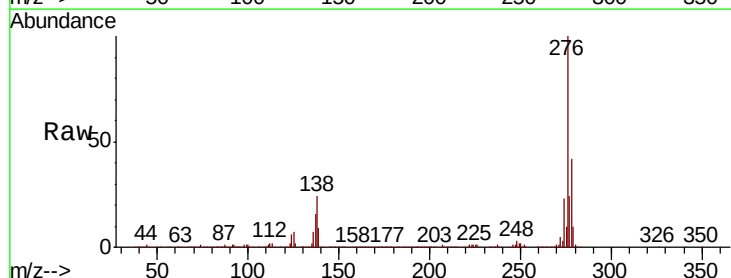
Tgt Ion:276 Resp: 1923651

Ion Ratio Lower Upper

276 100

138 26.4 21.2 31.8

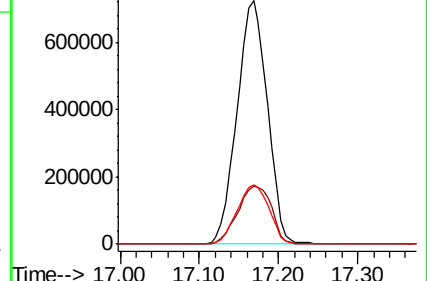
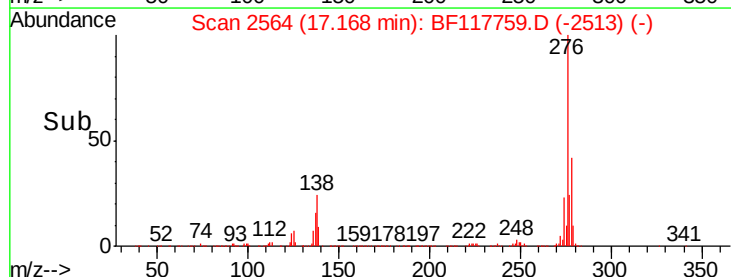
277 25.5 20.1 30.1

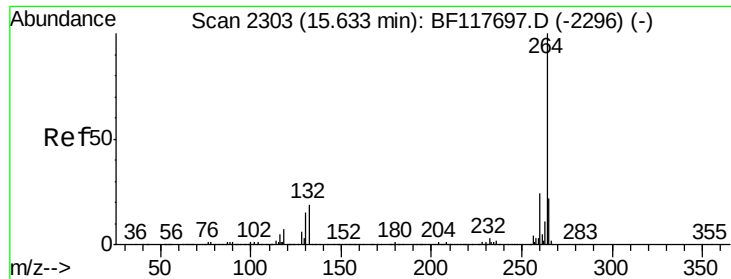


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





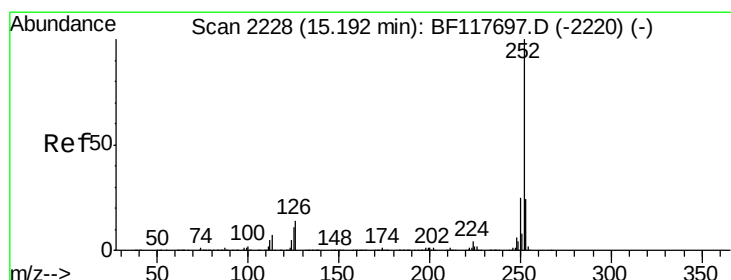
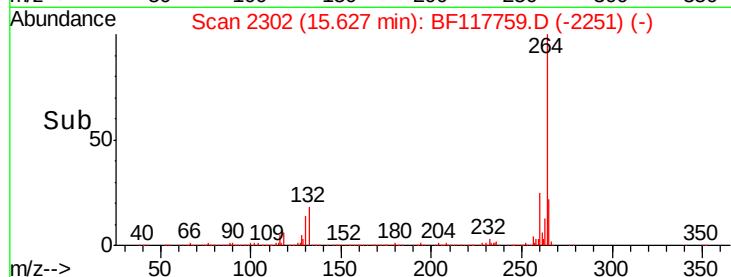
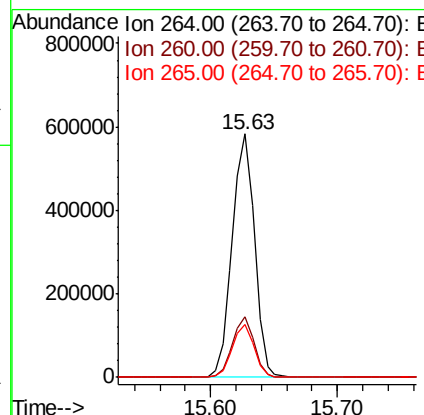
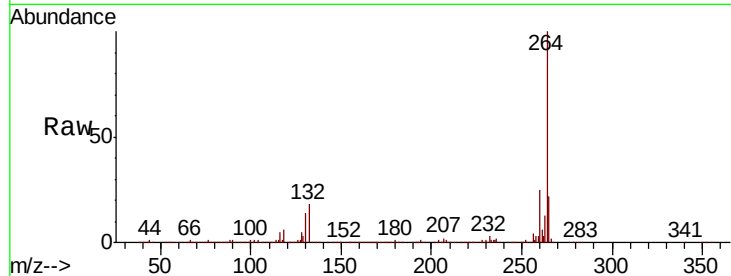
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.6
265	21.7	17.2	25.8

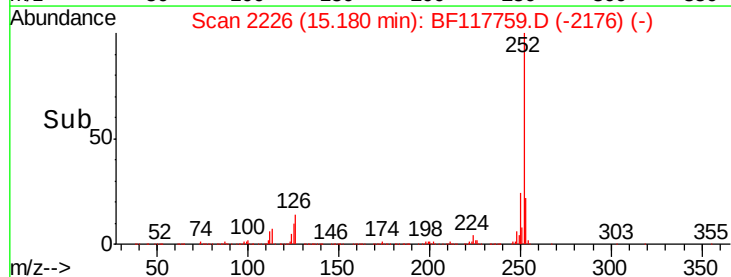
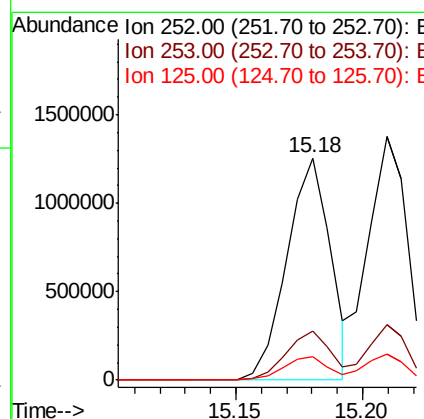
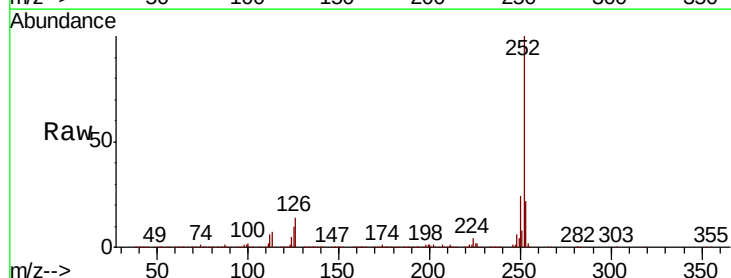
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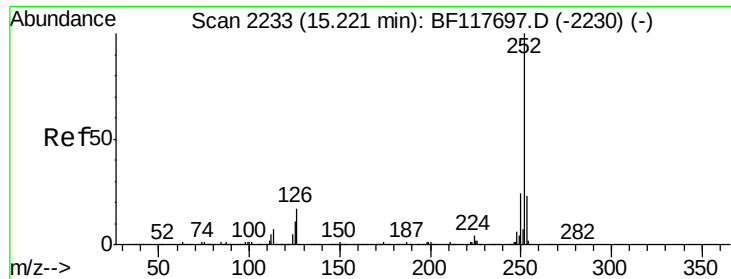
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#88
Benzo(b)fluoranthene
Concen: 33.662 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	10.3	8.4	12.6





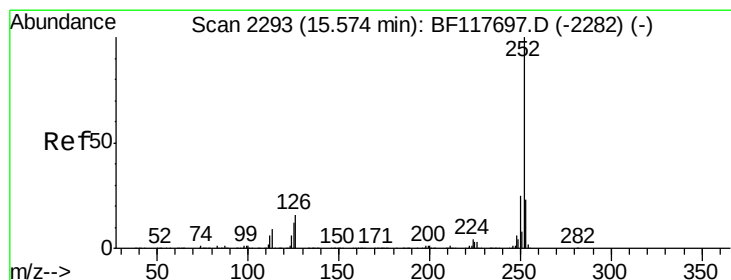
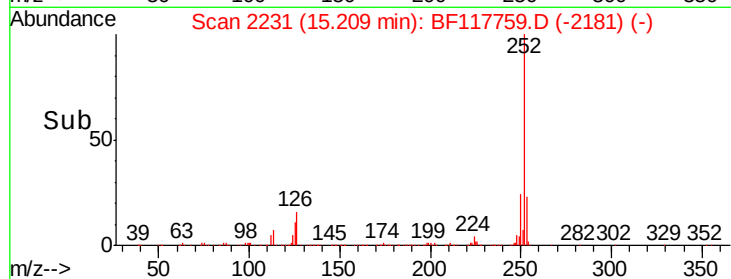
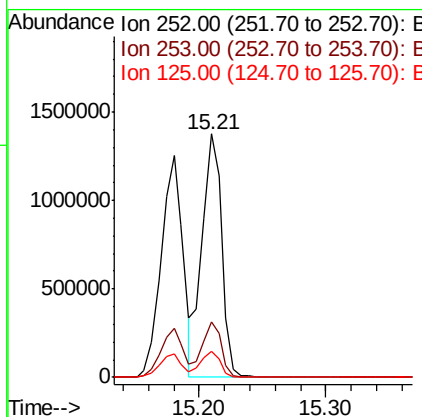
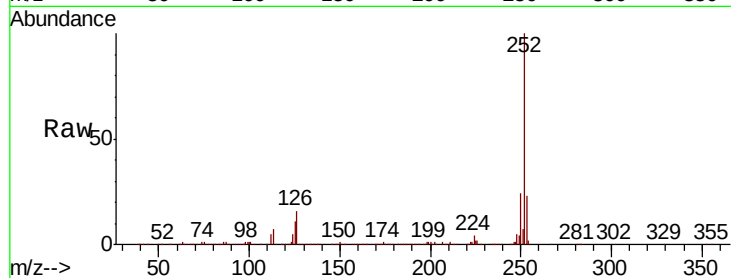
#89
Benzo(k)fluoranthene
Concen: 37.405 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	28.0
125	10.9	8.9	13.3

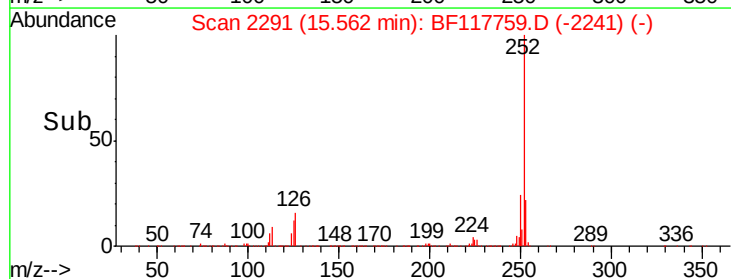
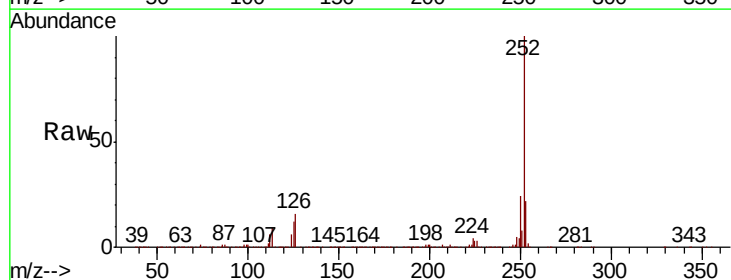
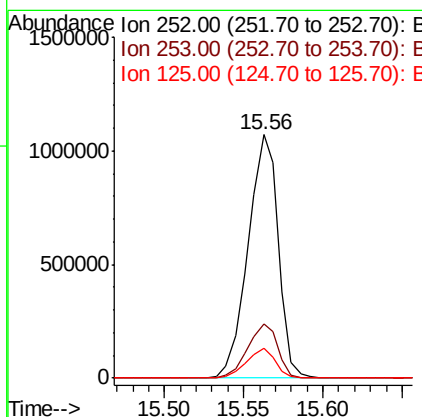
Manual Integrations
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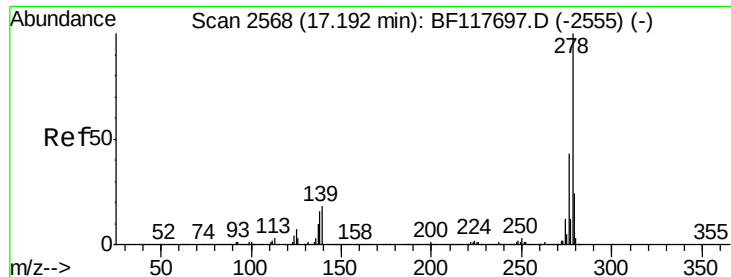
mohammad
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#90
Benzo(a)pyrene
Concen: 36.619 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	12.0	9.6	14.4





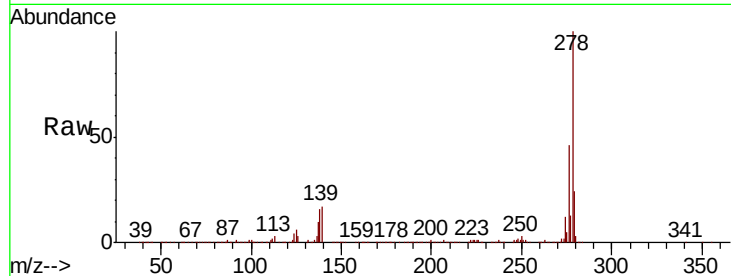
#91
Dibenzo(a,h)anthracene
Concen: 45.616 ng
RT: 17.19 min Scan# 2567
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-16B-SMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.8	20.6
279	23.7	19.6	29.4

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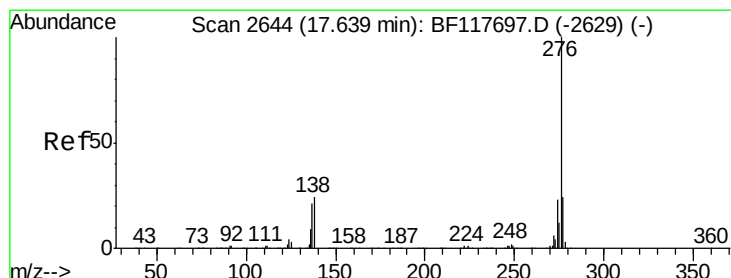
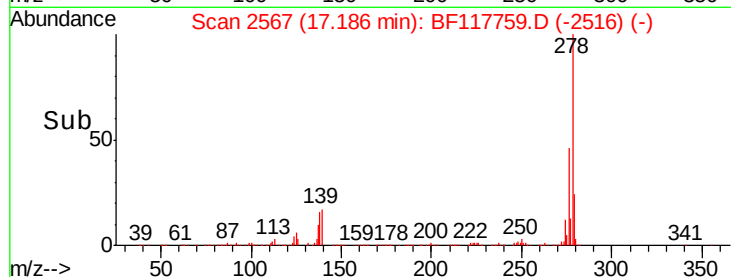
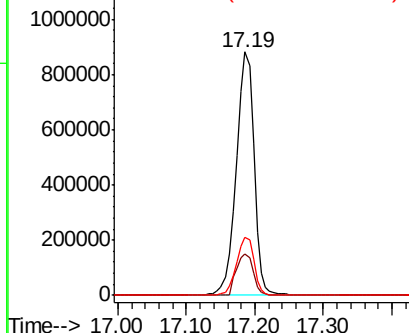


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.870 ng
RT: 17.63 min Scan# 2643
Delta R.T. 0.00 min
Lab File: BF117759.D
Acq: 12 Nov 2019 15:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.6
138	23.4	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

