

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117570.D
 Acq On : 28 Oct 2019 19:11
 Operator : JU
 Sample : K5501-13MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 184-40-(0-2)

Manual Integrations
 APPROVED

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 10/30/2019 4:51:25 PM

Quant Time: Oct 30 11:38:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	42428	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	172477	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	85516	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	127985	20.00	ng	0.00
76) Chrysene-d12	13.89	240	72987	20.00	ng	0.00
87) Perylene-d12	15.32	264	79873	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	227819	79.88	ng	0.00
7) Phenol-d6	6.39	99	312279	81.53	ng	0.00
23) Nitrobenzene-d5	7.29	82	191178	54.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	52428	70.86	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	326646	53.82	ng	-0.01
79) Terphenyl-d14	12.83	244	241744	54.03	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.45	88	46715	38.960	ng	# 95
3) Pyridine	3.16	79	106851	36.402	ng	95
4) n-Nitrosodimethylamine	3.12	42	46180	43.367	ng	91
6) Aniline	6.39	93	110926	24.667	ng	# 38
8) 2-Chlorophenol	6.52	128	133941	44.508	ng	96
9) Benzaldehyde	6.28	77	78642	43.072	ng	97
10) Phenol	6.40	94	180149	46.080	ng	# 80
11) bis(2-Chloroethyl)ether	6.46	93	128921	44.583	ng	98
12) 1,3-Dichlorobenzene	6.67	146	137533	40.954	ng	97
13) 1,4-Dichlorobenzene	6.75	146	137924	40.485	ng	98
14) 1,2-Dichlorobenzene	6.90	146	132921	41.392	ng	99
15) Benzyl Alcohol	6.88	79	118421	43.272	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	127169	40.766	ng	# 41
17) 2-Methylphenol	7.00	107	108340	43.763	ng	# 88
18) Hexachloroethane	7.23	117	52082	39.167	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	99430	42.504	ng	97
20) 3+4-Methylphenols	7.16	107	146189	45.039	ng	# 66
22) Acetophenone	7.14	105	195022	42.582	ng	# 93
24) Nitrobenzene	7.32	77	148771	44.459	ng	97
25) Isophorone	7.55	82	265297	43.895	ng	97
26) 2-Nitrophenol	7.63	139	69186	46.358	ng	97
27) 2,4-Dimethylphenol	7.67	122	115414	51.746	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	158596	42.526	ng	99
29) 2,4-Dichlorophenol	7.89	162	104270	44.571	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	107405	42.782	ng	99
31) Naphthalene	8.03	128	386177	45.172	ng	99
32) Benzoic acid	7.84	122	56920	37.259	ng	95
33) 4-Chloroaniline	8.09	127	49221	13.642	ng	98
34) Hexachlorobutadiene	8.15	225	57327	39.452	ng	97
35) Caprolactam	8.46	113	35823m	47.667	ng	
36) 4-Chloro-3-methylphenol	8.59	107	118013	44.232	ng	97
37) 2-Methylnaphthalene	8.72	142	260575	45.234	ng	97
38) 1-Methylnaphthalene	8.82	142	239474	44.240	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	96637	41.956	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	11737	30.950	nq	94
43) 2,4,6-Trichlorophenol	9.01	196	64212	44.518	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	66259	45.333	nq	93
46) 1,1'-Biphenyl	9.19	154	296953	41.945	nq	99
47) 2-Chloronaphthalene	9.21	162	228902	42.883	nq	98
48) 2-Nitroaniline	9.32	65	75522	43.098	nq	90
49) Acenaphthylene	9.62	152	361029	46.047	nq	99
50) Dimethylphthalate	9.49	163	306908	50.343	nq	99
51) 2,6-Dinitrotoluene	9.56	165	57915	45.525	nq #	87
52) Acenaphthene	9.79	154	210104	43.678	nq	97
53) 3-Nitroaniline	9.73	138	33678	21.819	nq	94
54) 2,4-Dinitrophenol	9.86	184	13840	29.321	nq	94
55) Dibenzofuran	9.97	168	307948	44.187	nq	98
56) 4-Nitrophenol	9.93	139	42256	60.532	nq	97
57) 2,4-Dinitrotoluene	9.97	165	73752	43.605	nq #	85
58) Fluorene	10.31	166	250952	43.543	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	49459	43.055	nq	98
60) Diethylphthalate	10.19	149	259730	42.121	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	111379	43.075	nq	96
62) 4-Nitroaniline	10.35	138	48783	33.530	nq	97
63) Azobenzene	10.46	77	276160	43.749	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	15749	24.203	nq	91
66) n-Nitrosodiphenylamine	10.42	169	217850	46.560	nq	98
67) 4-Bromophenyl-phenylether	10.79	248	60168	43.646	nq	97
68) Hexachlorobenzene	10.87	284	61238	41.479	nq #	89
69) Atrazine	10.95	200	63277	53.155	nq	97
70) Pentachlorophenol	11.07	266	27016	61.042	nq	98
71) Phenanthrene	11.27	178	328351	44.183	nq	98
72) Anthracene	11.33	178	347481	45.570	nq	100
73) Carbazole	11.49	167	301058	43.202	nq	99
74) Di-n-butylphthalate	11.80	149	401184	43.086	nq	99
75) Fluoranthene	12.46	202	285382	38.360	nq	98
78) Pyrene	12.69	202	277712	44.298	nq	100
80) Butylbenzylphthalate	13.30	149	134924	43.249	nq	97
81) Benzo(a)anthracene	13.88	228	223535	45.404	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	66069	42.766	nq	97
83) Chrysene	13.92	228	218659	45.317	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	185902	42.540	nq #	97
85) Di-n-octyl phthalate	14.47	149	296271	44.094	nq	99
86) Indeno(1,2,3-cd)pyrene	16.74	276	180139	50.004	nq	99
88) Benzo(b)fluoranthene	14.92	252	204998	43.463	nq	99
89) Benzo(k)fluoranthene	14.94	252	208220	43.072	nq	98
90) Benzo(a)pyrene	15.27	252	188828	44.033	nq	99
91) Dibenzo(a,h)anthracene	16.73	278	154122	41.564	nq #	97
92) Benzo(g,h,i)perylene	17.16	276	139811	39.850	nq	96

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

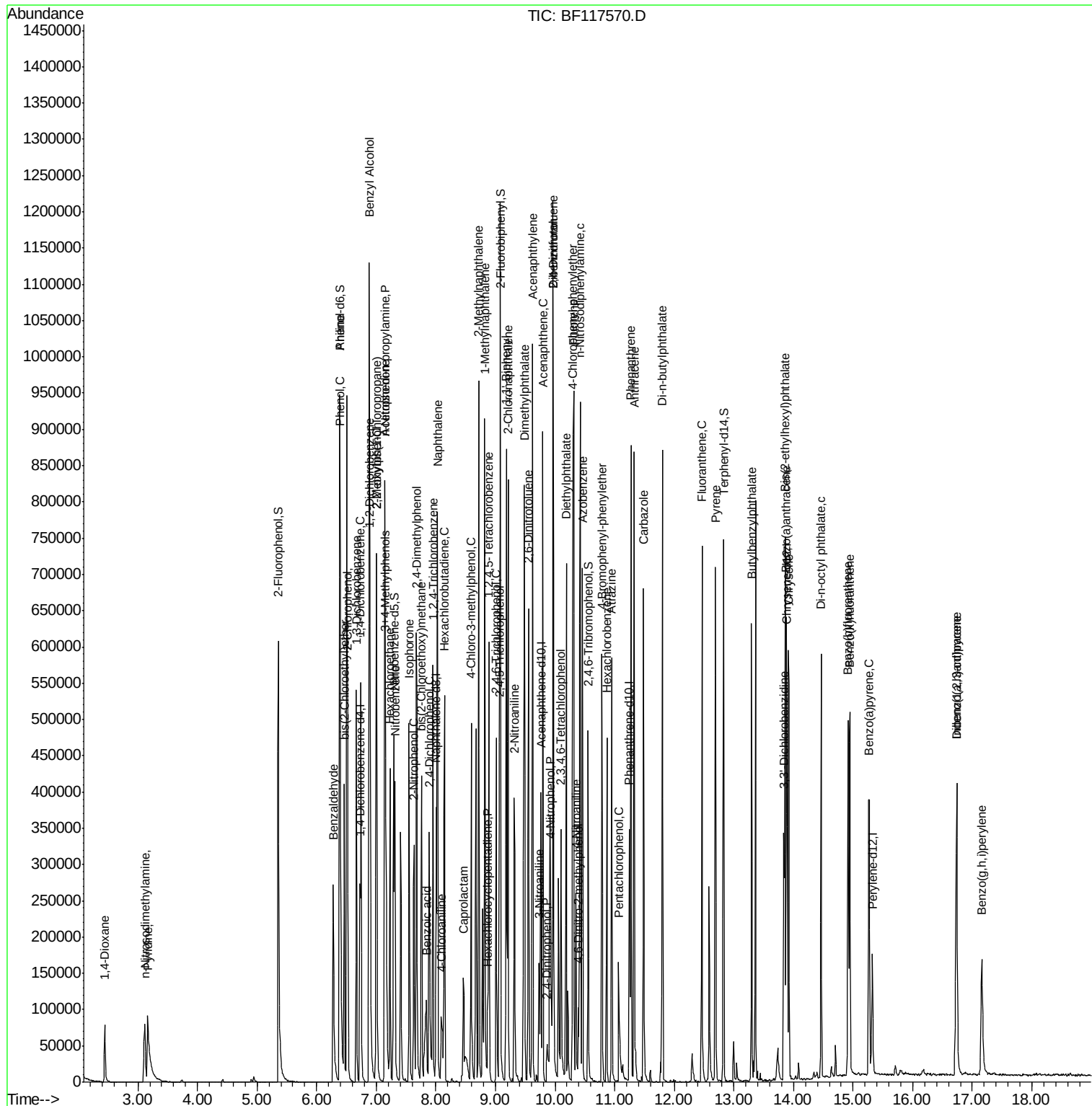
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
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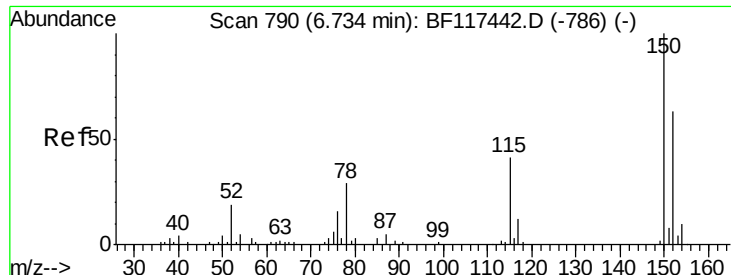
Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

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#1

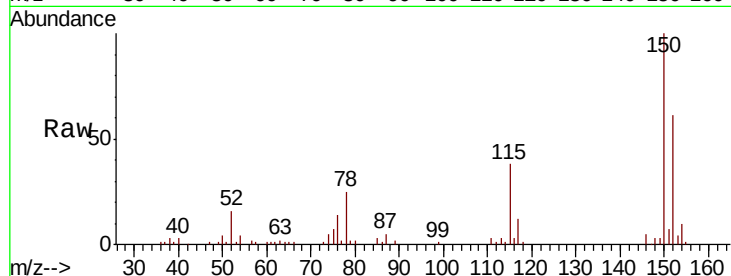
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.8	126.8	190.2
115	62.3	51.6	77.4

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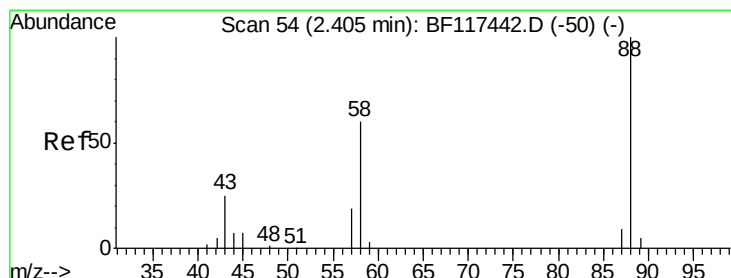
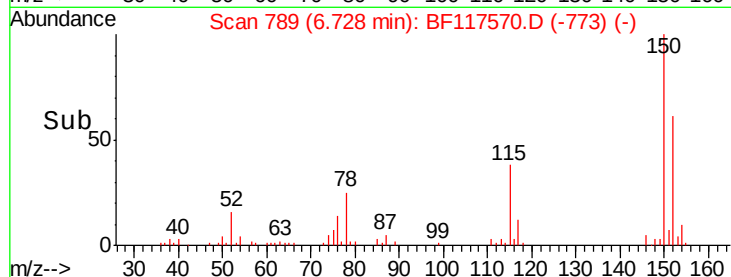
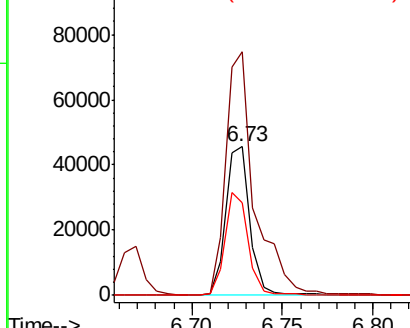


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.960 ng
RT: 2.45 min Scan# 61
Delta R.T. 0.04 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

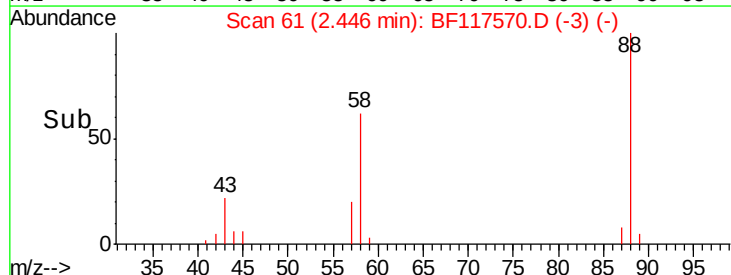
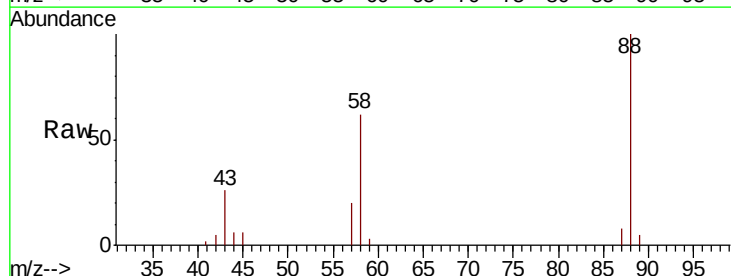
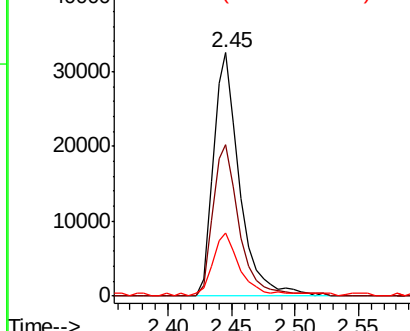
Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.4	48.8	73.2
43	27.8	18.5	27.7

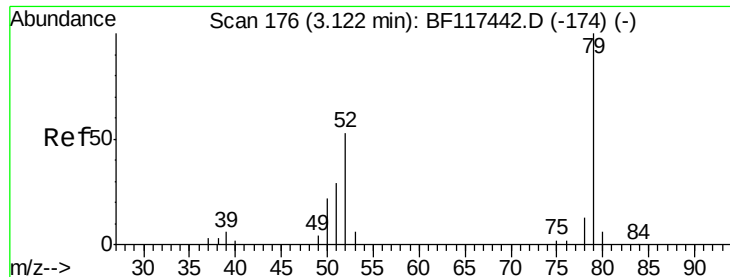
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.402 ng

RT: 3.16 min Scan# 183

Delta R.T. 0.04 min

Lab File: BF117570.D

Acq: 28 Oct 2019 19:11

Instrument :

BNA_F

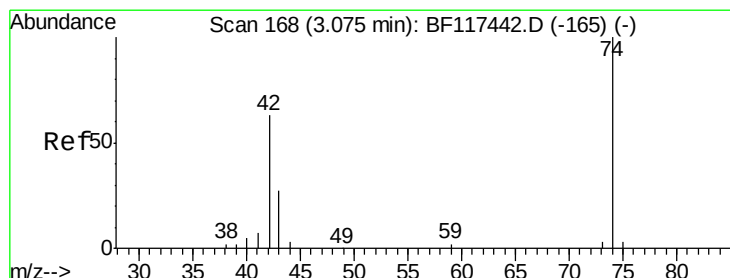
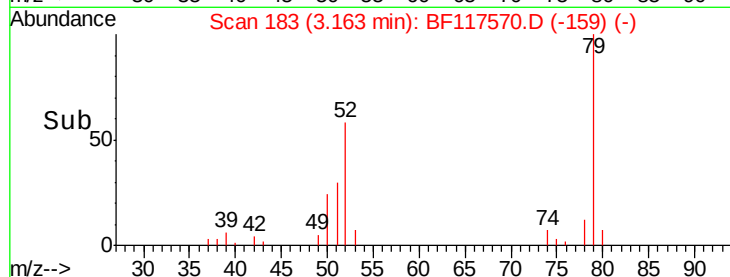
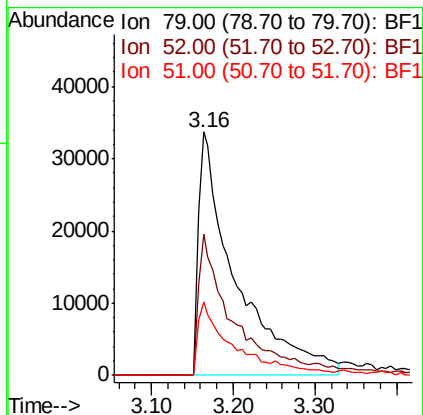
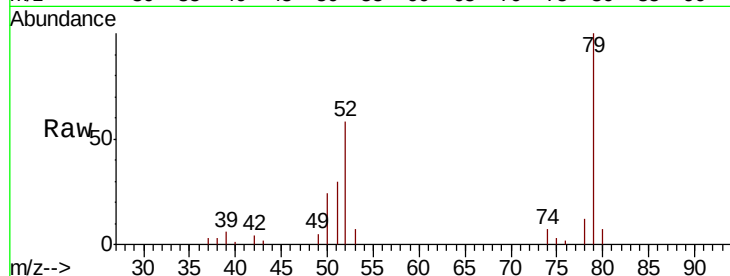
ClientSampleId :

184-40-(0-2)

Tot Ion:	79	Resp:	106851
Ion	Ratio	Lower	Upper
79	100		
52	57.8	42.4	63.6
51	30.0	23.3	34.9

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#4

n-Nitrosodimethylamine

Concen: 43.367 ng

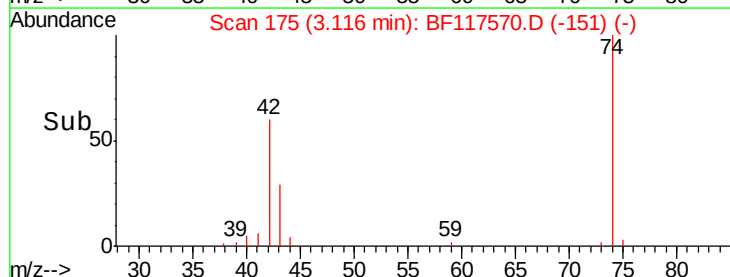
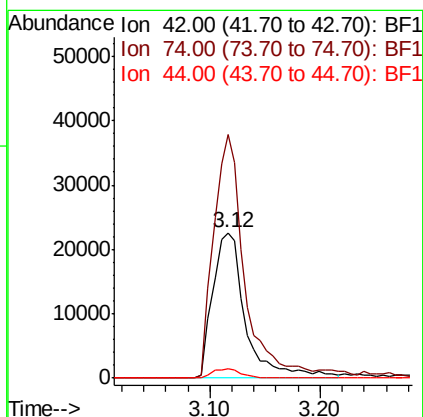
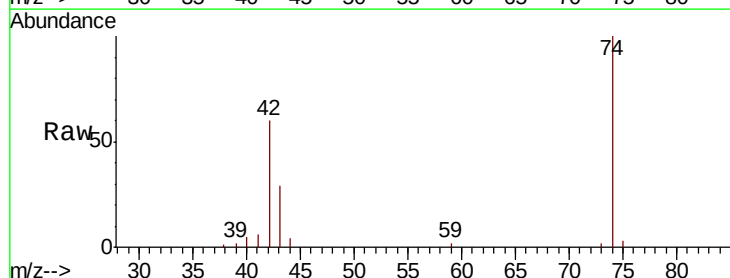
RT: 3.12 min Scan# 175

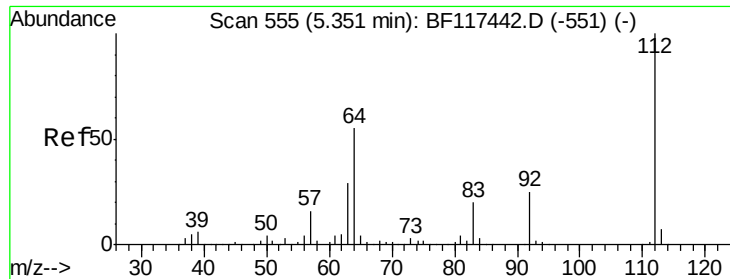
Delta R.T. 0.04 min

Lab File: BF117570.D

Acq: 28 Oct 2019 19:11

Tgt Ion:	42	Resp:	46180
Ion	Ratio	Lower	Upper
42	100		
74	167.3	124.2	186.4
44	6.3	4.2	6.4





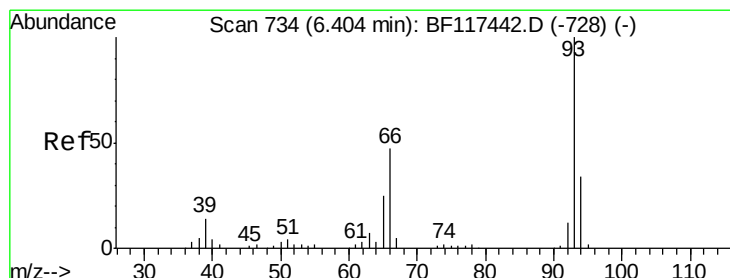
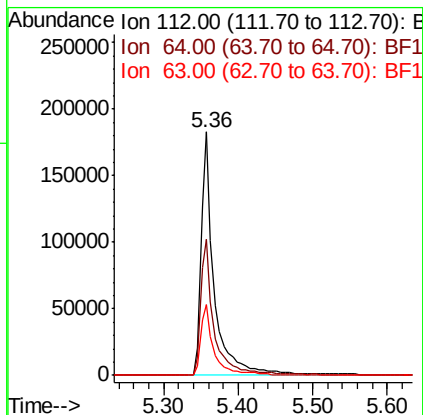
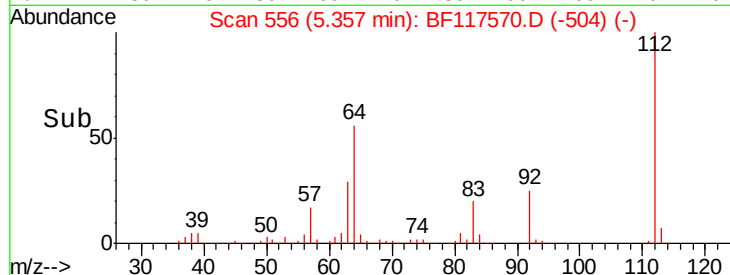
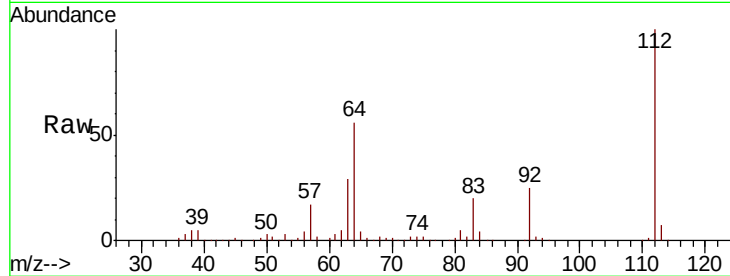
#5
2-Fluorophenol
Concen: 79.883 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	56.0	44.1	66.1
63	29.0	23.4	35.2

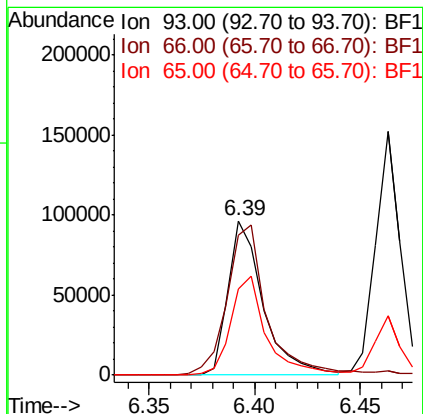
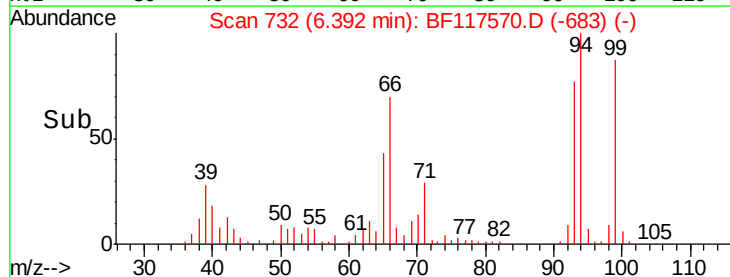
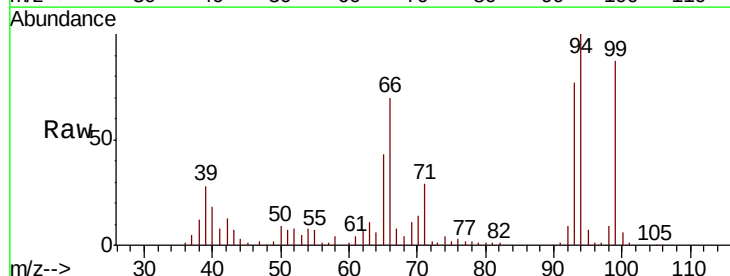
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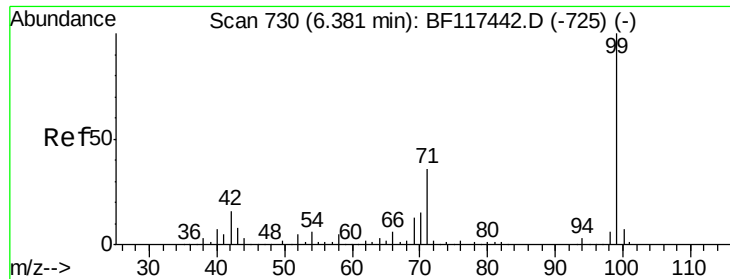
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#6
Aniline
Concen: 24.667 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	90.6	38.7	58.1#
65	56.4	20.1	30.1#





#7

Phenol-d6

Concen: 81.526 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117570.D

Acq: 28 Oct 2019 19:11

Instrument :

BNA_F

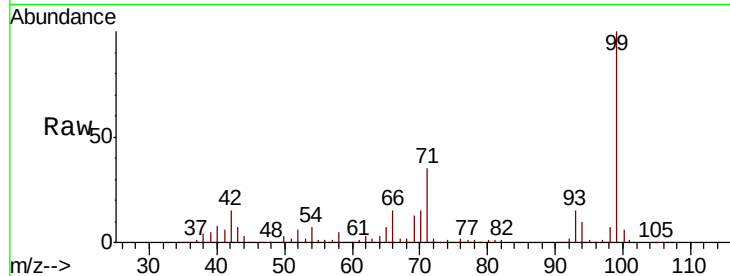
ClientSampleId :

184-40-(0-2)

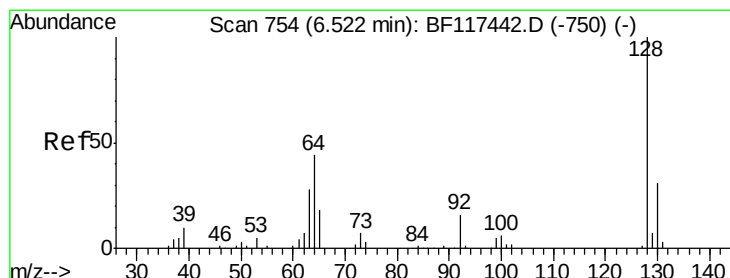
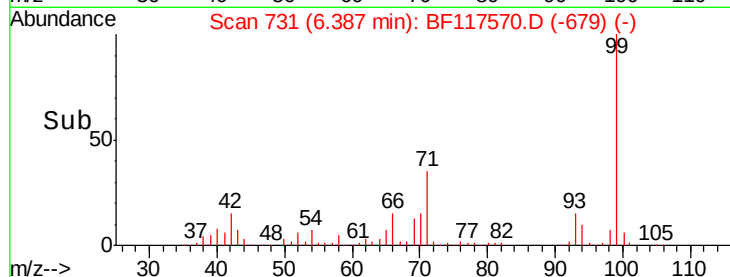
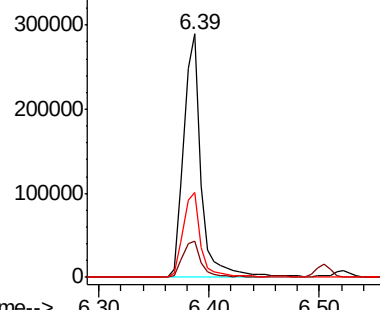
Tot Ion:	99	Resp:	312279
Ion Ratio	Lower	Upper	
99	100		
42	15.1	12.8	19.2
71	35.1	28.6	43.0

Manual Integrations
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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: 44.508 ng

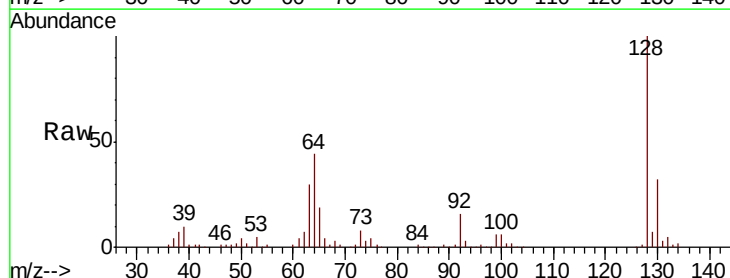
RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

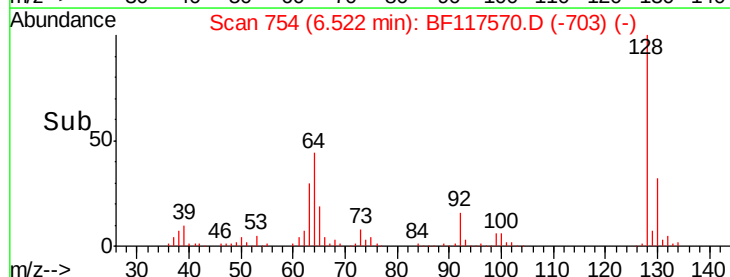
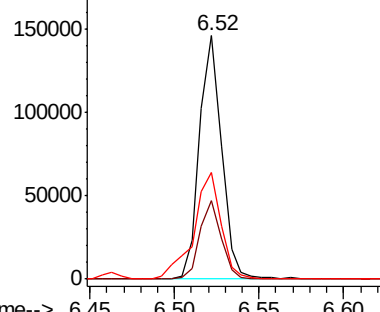
Lab File: BF117570.D

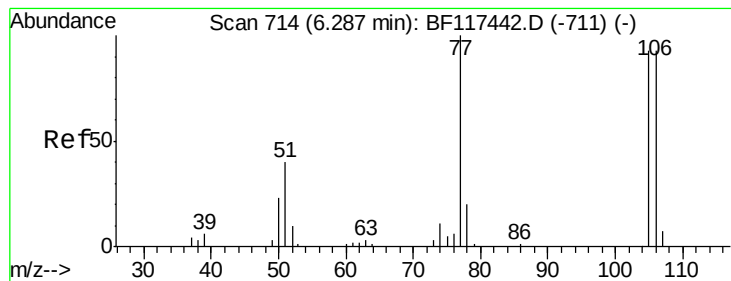
Acq: 28 Oct 2019 19:11

Tgt Ion:	128	Resp:	133941
Ion Ratio	Lower	Upper	
128	100		
130	32.4	11.1	51.1
64	43.9	27.1	67.1



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: 43.072 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF117570.D

Acq: 28 Oct 2019 19:11

Instrument :

BNA_F

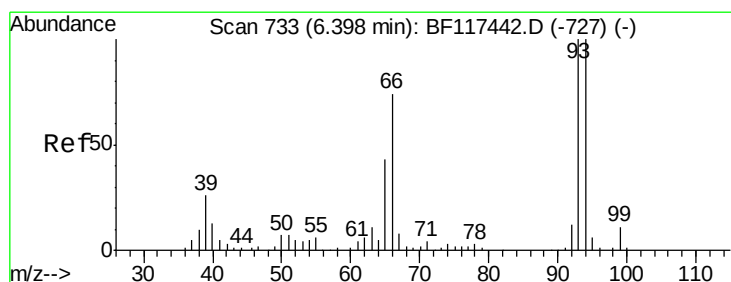
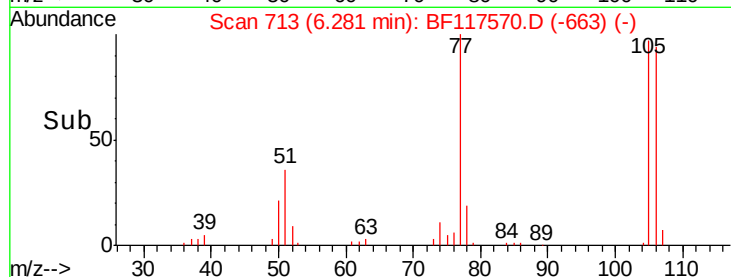
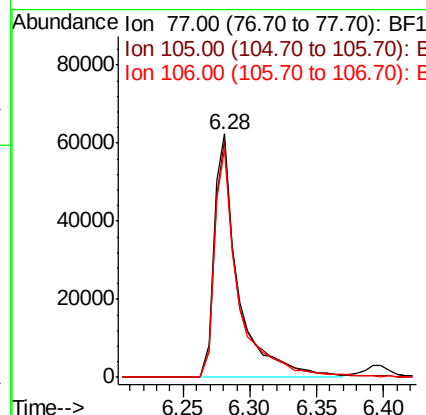
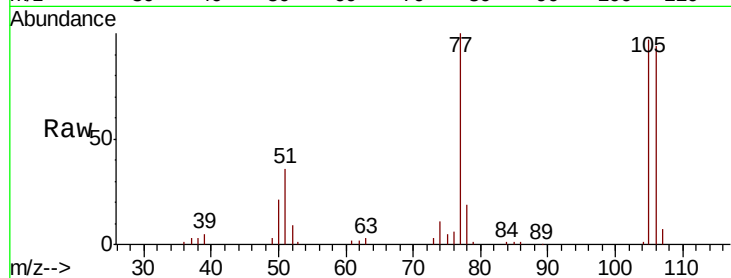
ClientSampleId :

184-40-(0-2)

Tot Ion:	77	Resp:	78642
Ion	Ratio	Lower	Upper
77	100		
105	97.4	73.4	113.4
106	93.8	73.0	113.0

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#10

Phenol

Concen: 46.080 ng

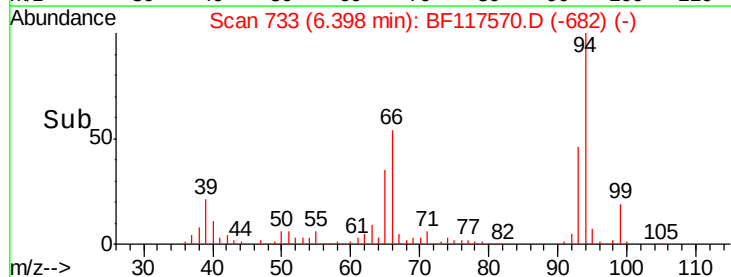
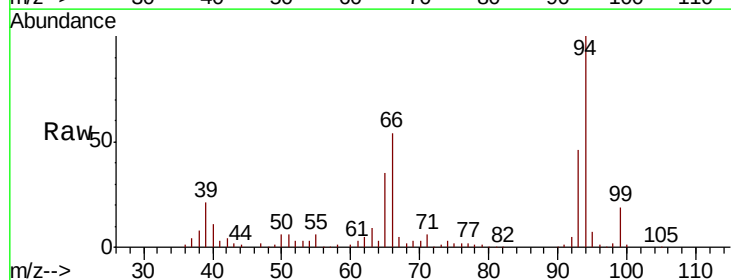
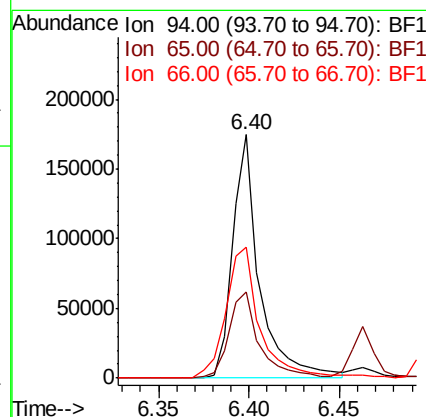
RT: 6.40 min Scan# 733

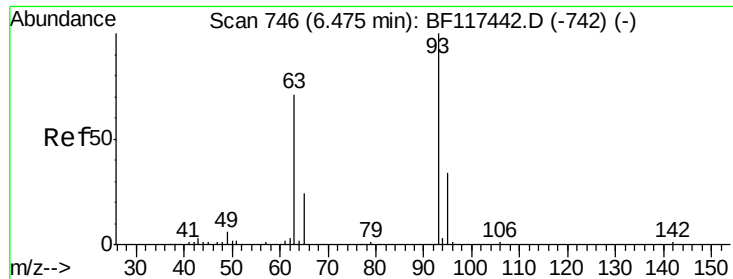
Delta R.T. -0.00 min

Lab File: BF117570.D

Acq: 28 Oct 2019 19:11

Tgt Ion:	94	Resp:	180149
Ion	Ratio	Lower	Upper
94	100		
65	35.3	23.4	63.4
66	53.7	54.7	94.7#





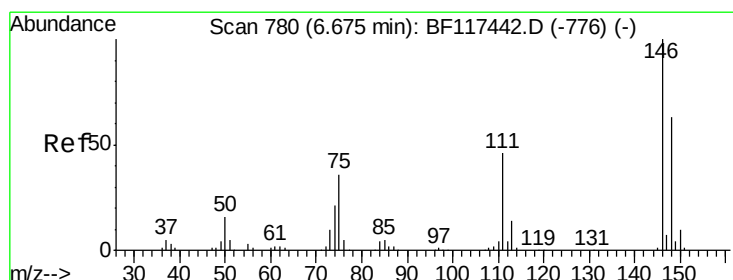
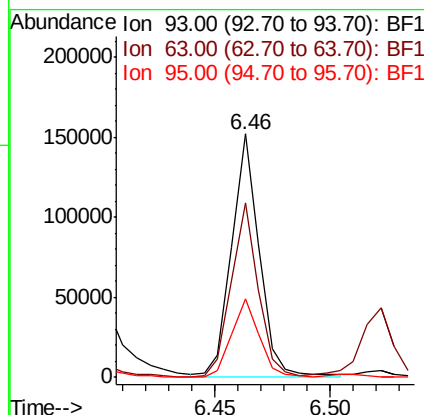
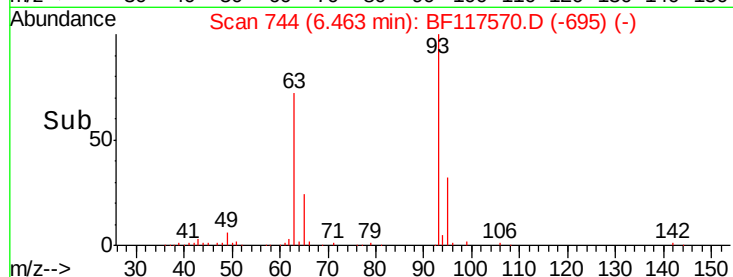
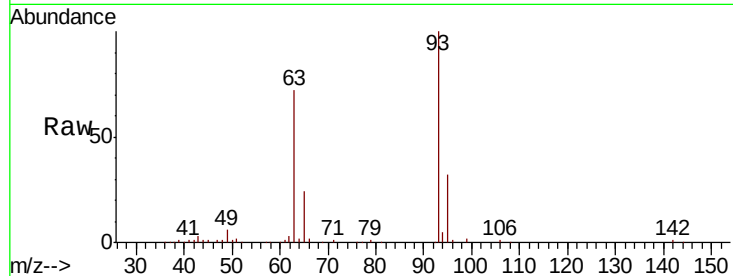
#11
bis(2-Chloroethyl)ether
Concen: 44.583 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion:	93	Resp:	128921
Ion	Ratio	Lower	Upper
93	100		
63	71.6	50.2	90.2
95	32.1	13.9	53.9

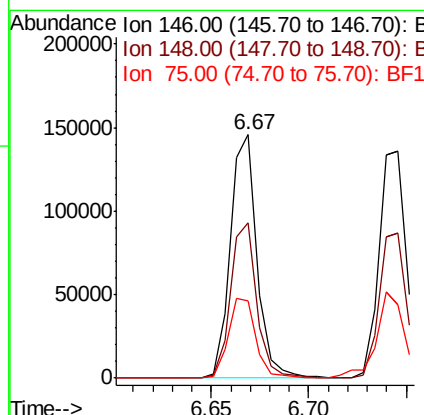
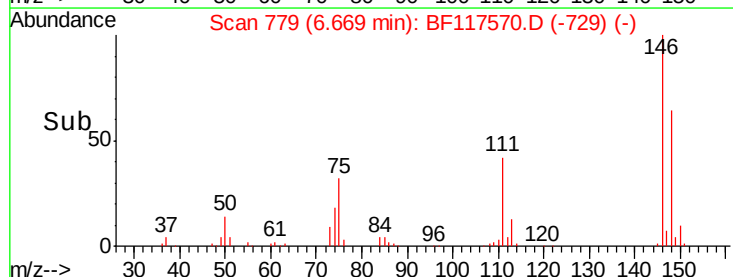
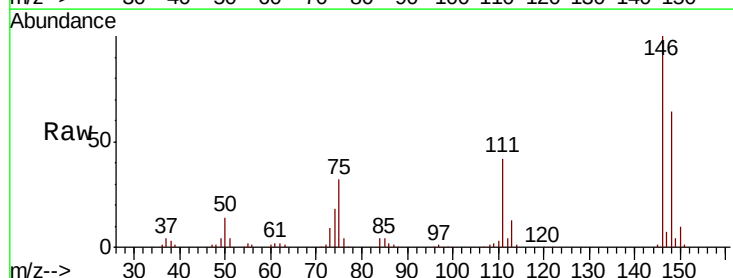
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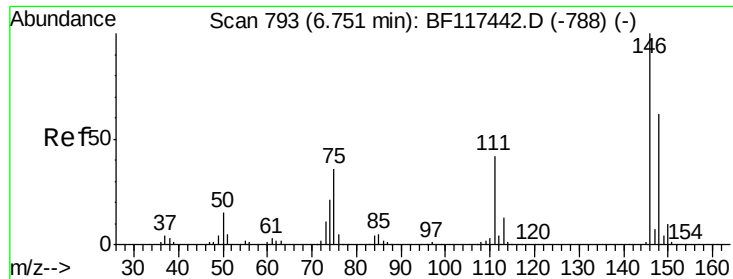
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#12
1,3-Dichlorobenzene
Concen: 40.954 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion:	146	Resp:	137533
Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
75	31.6	28.6	43.0





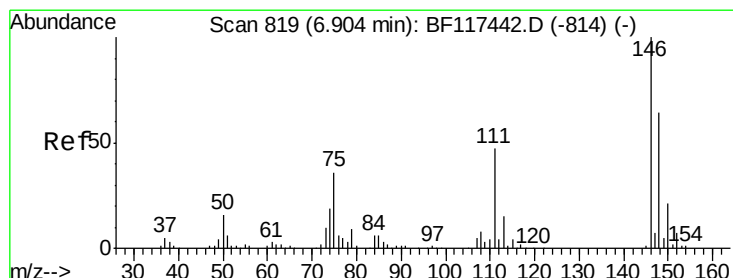
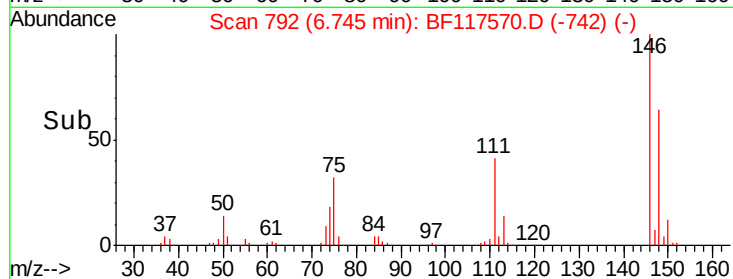
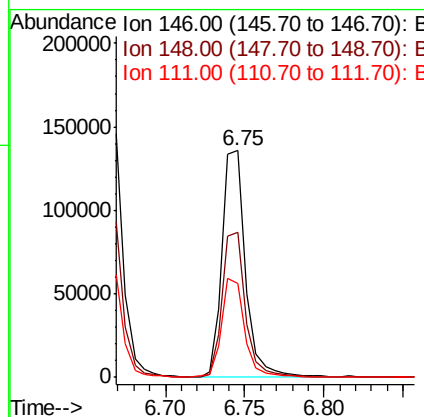
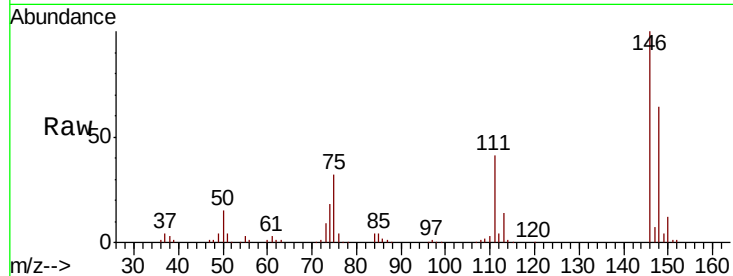
#13
1,4-Dichlorobenzene
Concen: 40.485 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	49.3	73.9
111	41.4	33.6	50.4

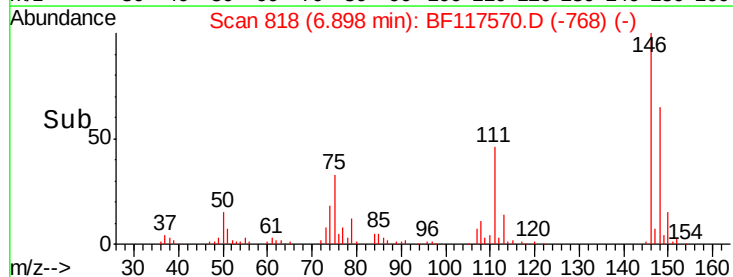
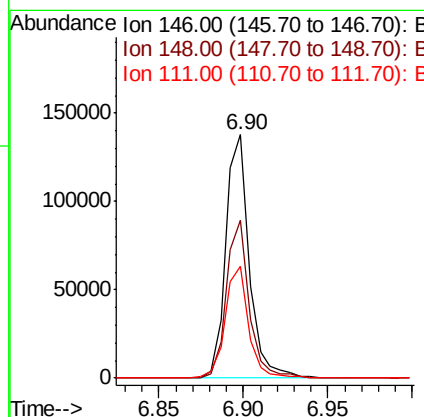
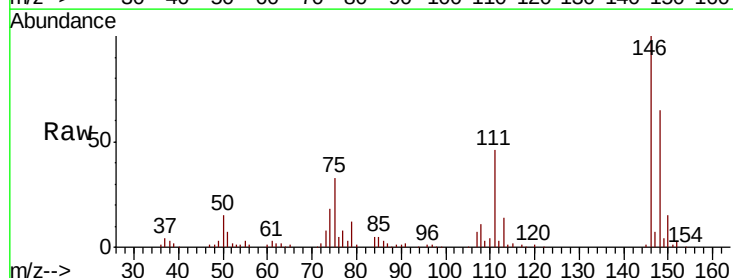
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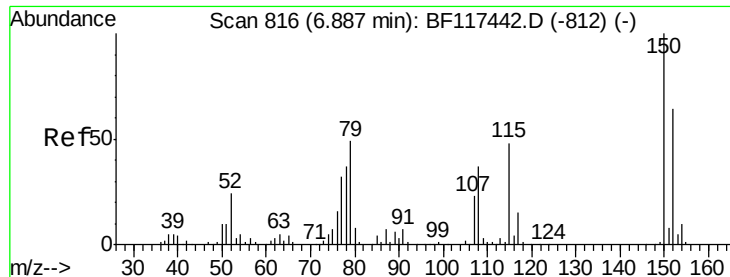
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#14
1,2-Dichlorobenzene
Concen: 41.392 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
111	46.1	37.7	56.5





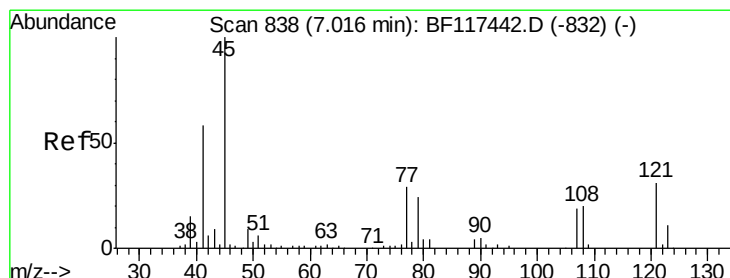
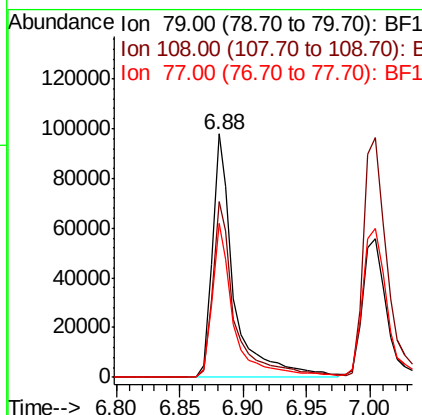
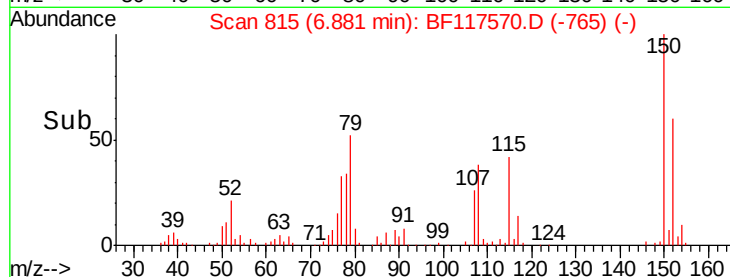
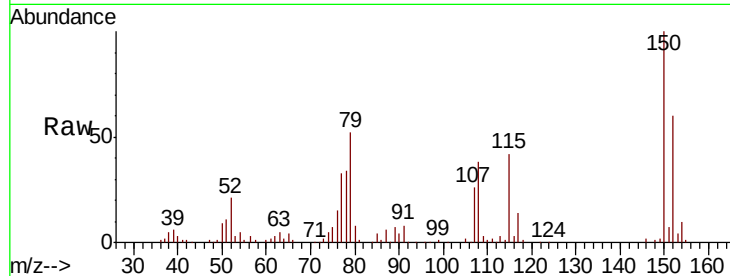
#15
Benzyl Alcohol
Concen: 43.272 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	72.2	59.8	89.8		
77	63.1	51.4	77.0		

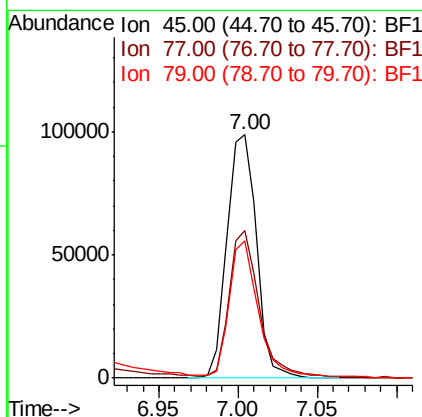
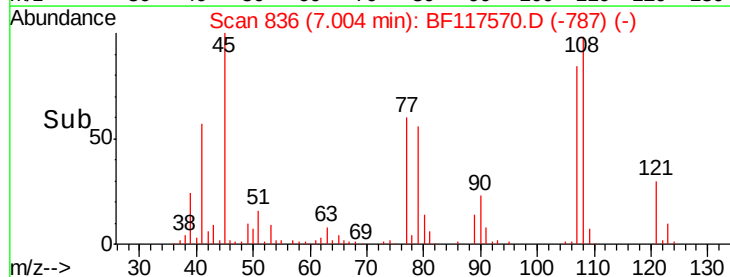
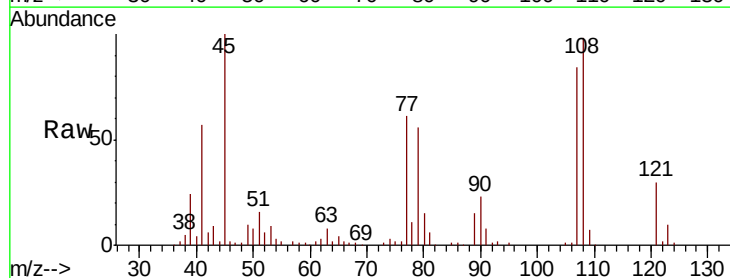
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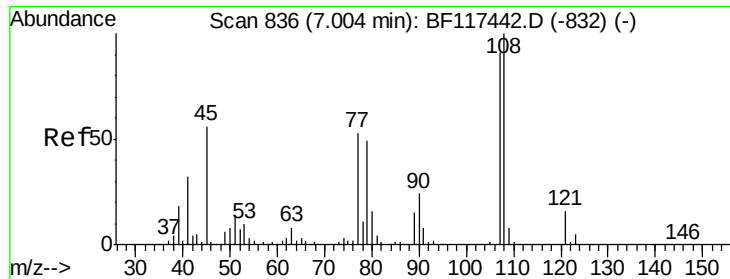
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.766 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	60.8	9.9	49.9#		
79	56.3	5.5	45.5#		





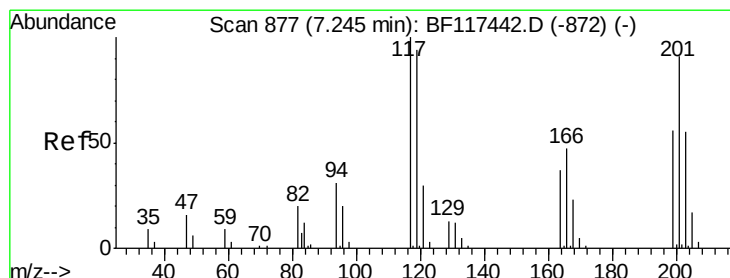
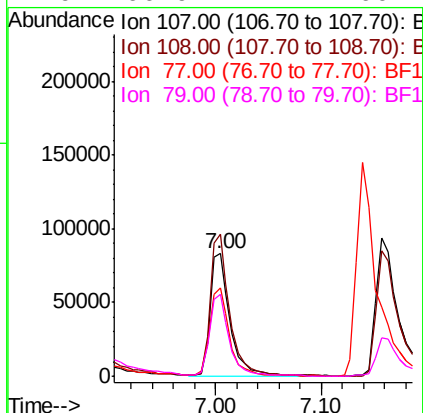
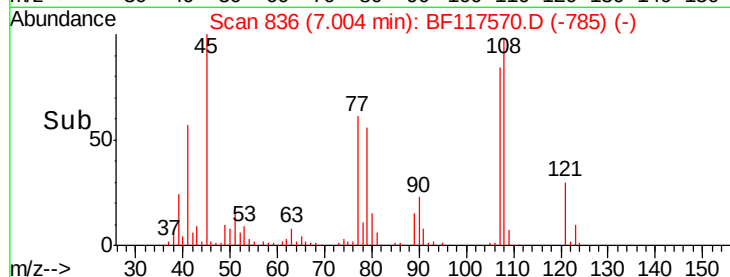
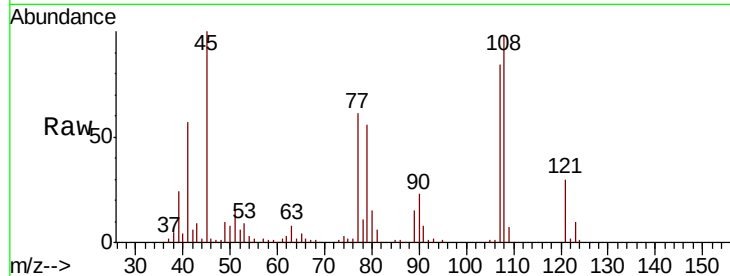
#17
2-Methylphenol
Concen: 43.763 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.2	88.0	132.0	
77	72.2	47.2	70.8	
79	66.9	44.1	66.1	

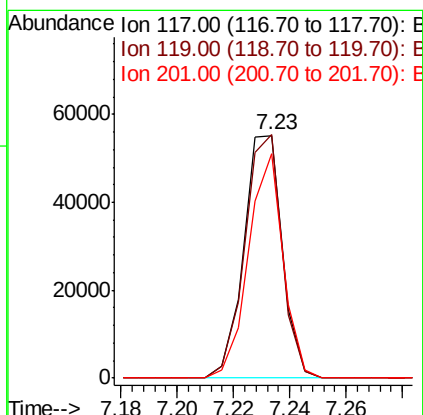
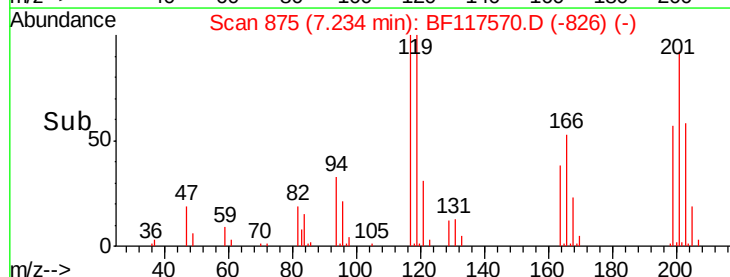
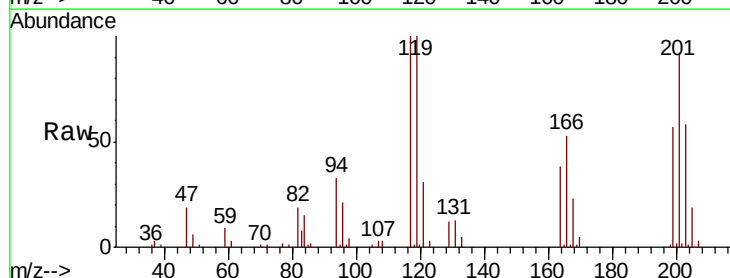
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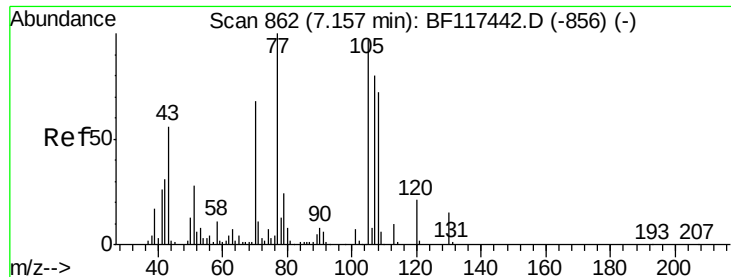
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#18
Hexachloroethane
Concen: 39.167 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.3	75.4	113.0	
201	92.6	72.5	108.7	





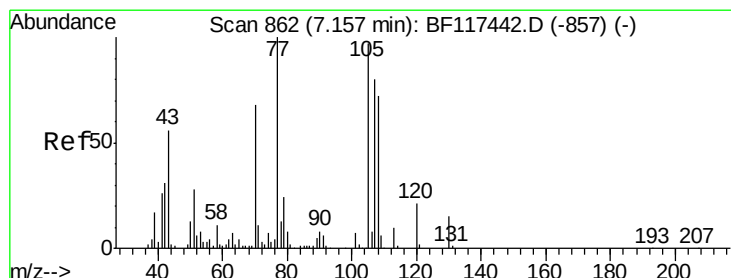
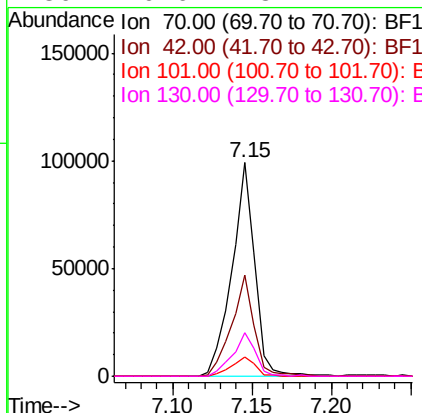
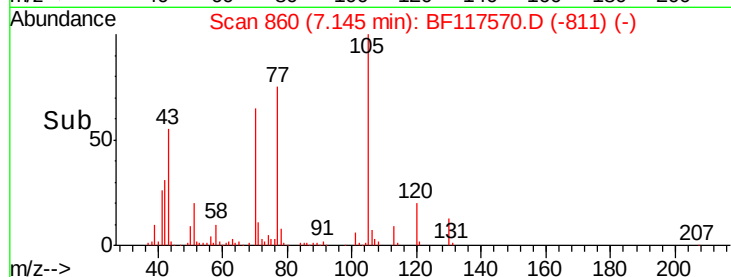
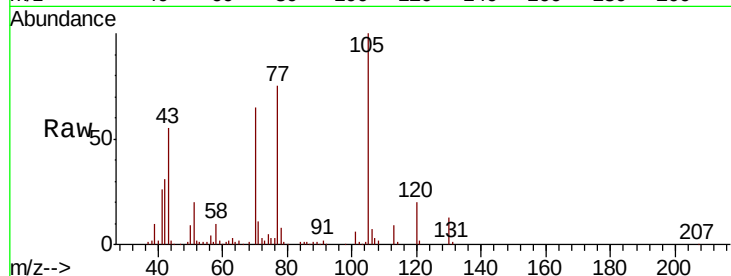
#19
n-Nitroso-di-n-propylamine
Concen: 42.504 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.6	36.7	55.1
101	8.9	8.3	12.5
130	20.6	18.1	27.1

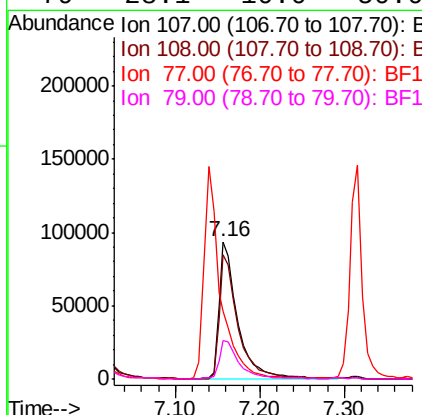
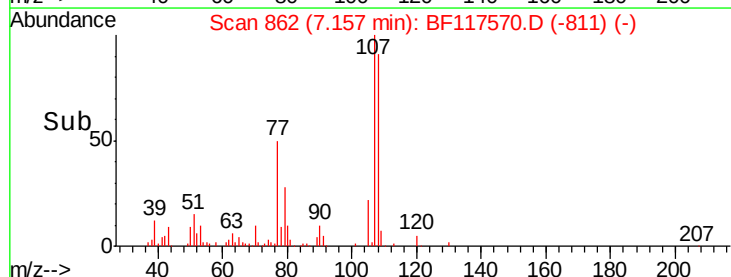
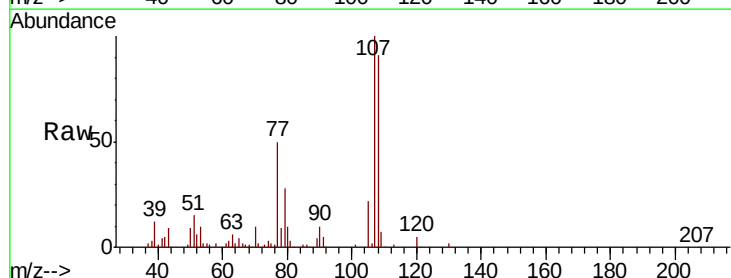
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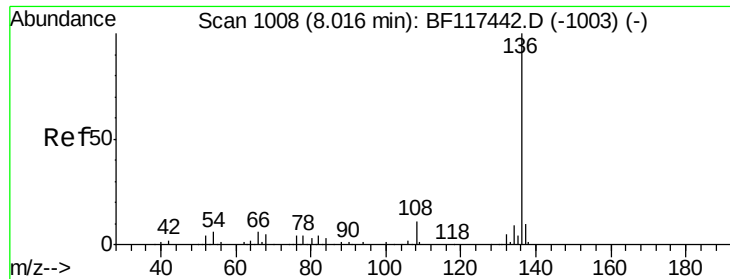
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#20
3+4-Methylphenols
Concen: 45.039 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	70.3	110.3
77	49.8	104.8	144.8#
79	28.1	10.0	50.0





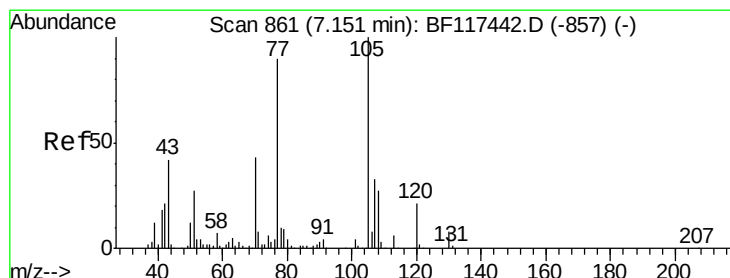
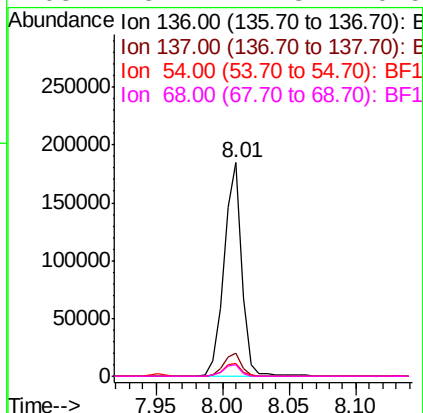
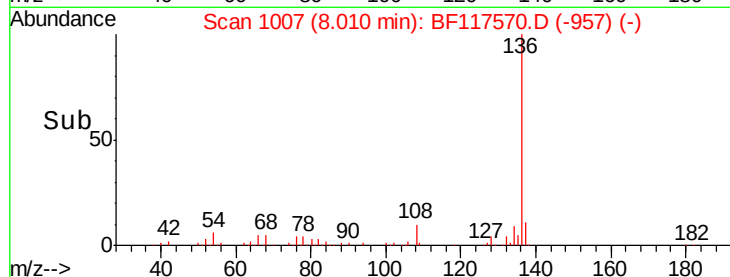
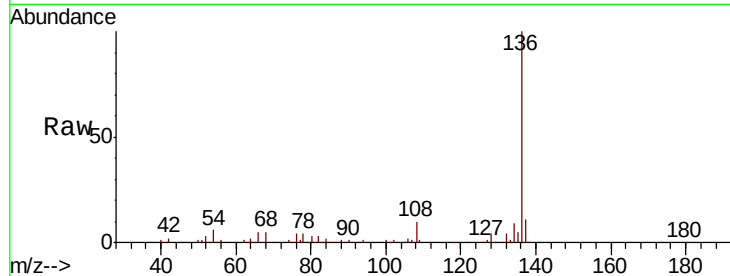
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		172477		
137	10.6	8.2	12.4		
54	5.8	4.5	6.7		
68	5.2	4.3	6.5		

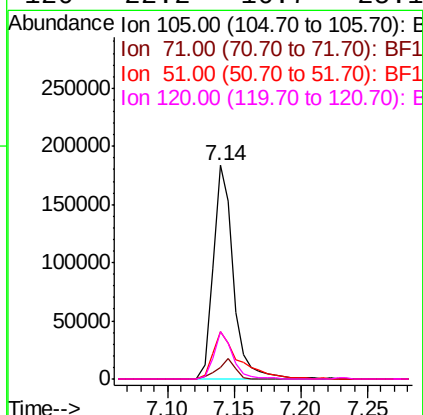
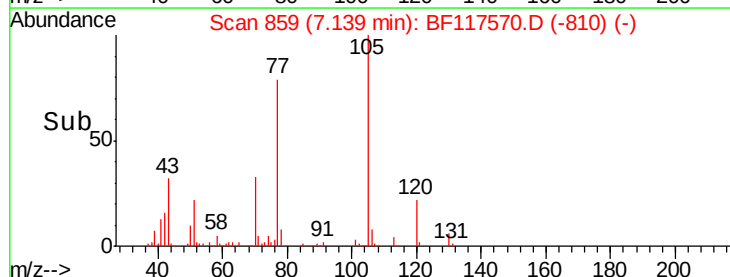
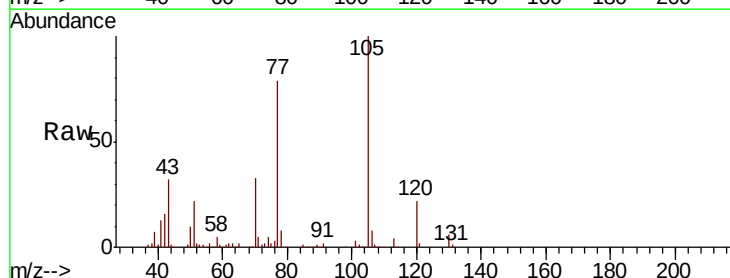
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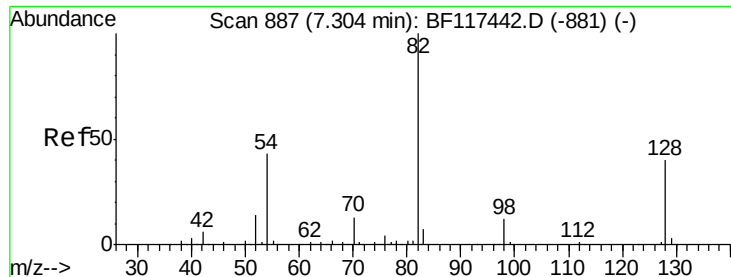
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#22
Acetophenone
Concen: 42.582 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		195022		
71	5.2	6.2	9.2#		
51	22.4	21.8	32.6		
120	22.2	16.7	25.1		





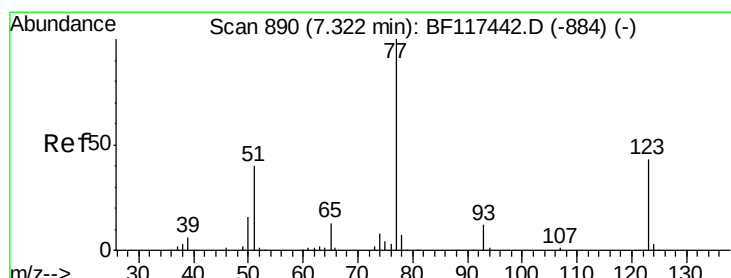
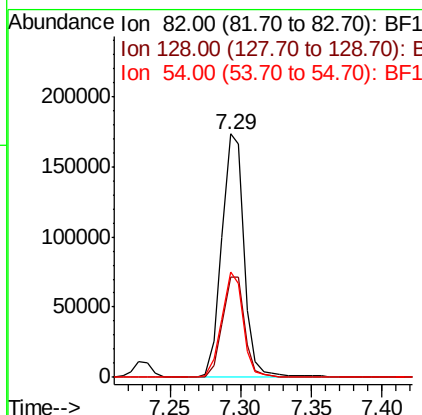
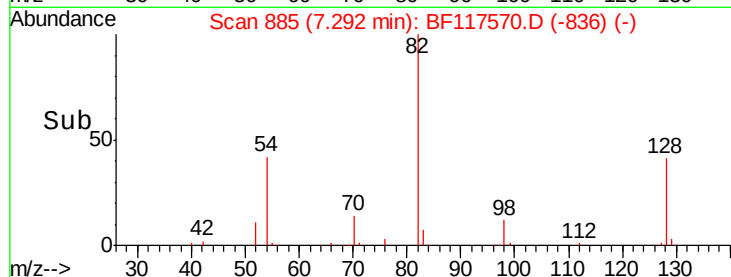
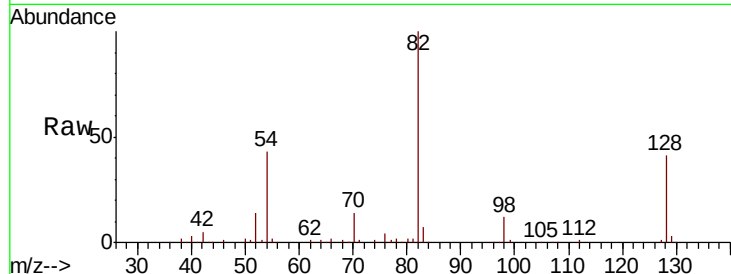
#23
 Nitrobenzene-d5
 Concen: 54.721 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF117570.D
 Acq: 28 Oct 2019 19:11

Instrument :
 BNA_F
 ClientSampleId :
 184-40-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
82	100	191178		
128	41.2		32.2	48.2
54	43.1		34.2	51.2

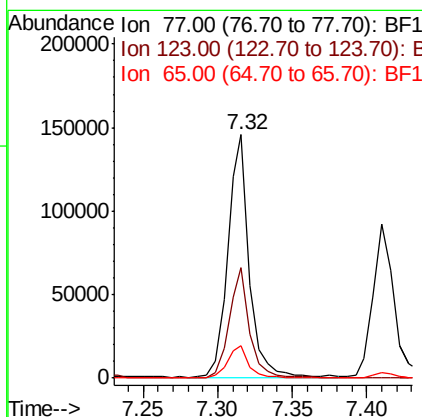
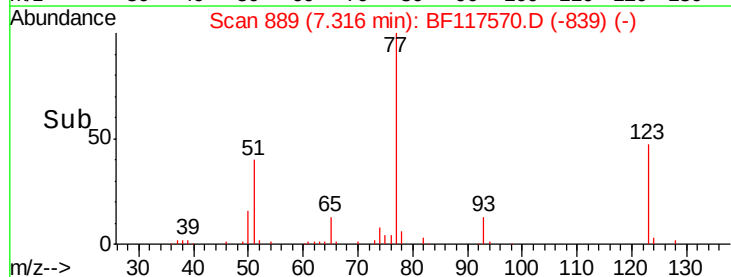
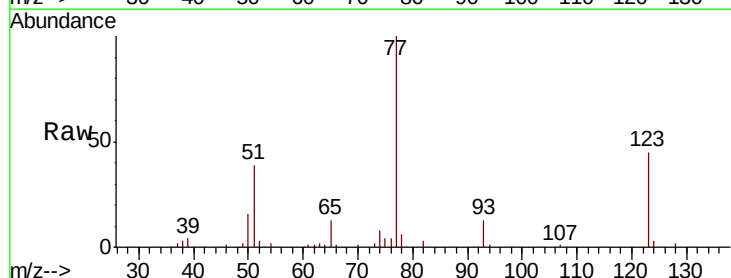
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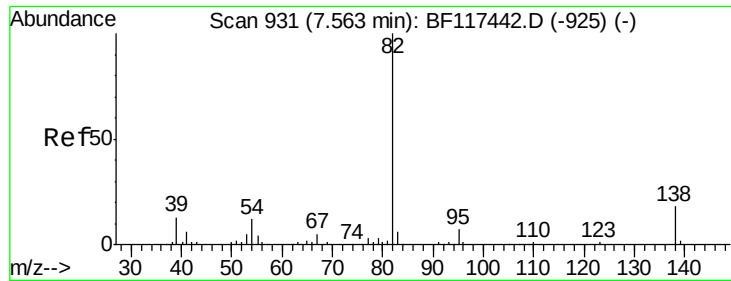
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#24
 Nitrobenzene
 Concen: 44.459 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF117570.D
 Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	148771		
123	45.3		34.2	51.2
65	13.1		10.3	15.5





#25

Isophorone

Concen: 43.895 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF117570.D

Acq: 28 Oct 2019 19:11

Instrument :

BNA_F

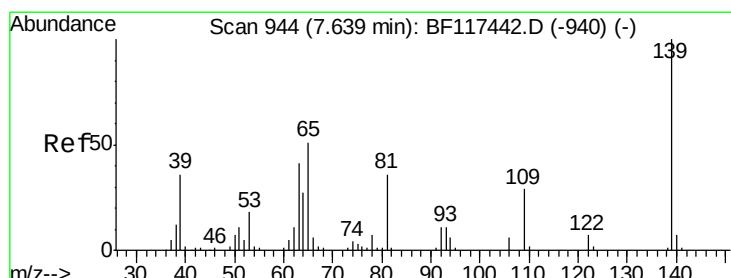
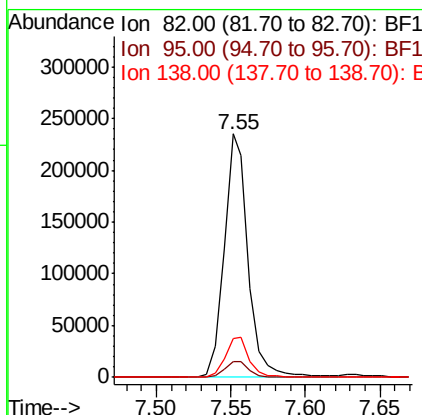
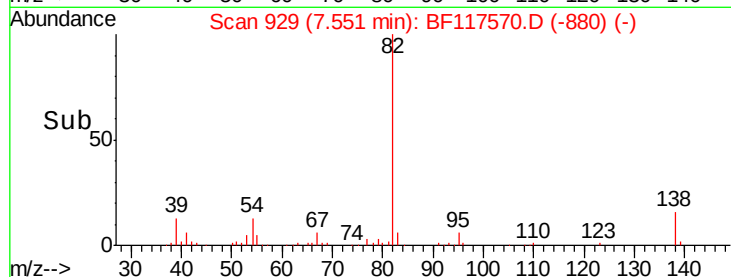
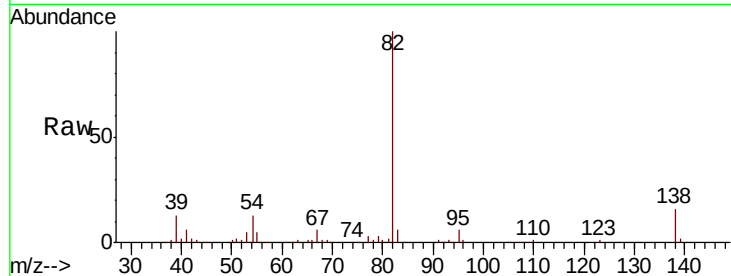
ClientSampleId :

184-40-(0-2)

Tot Ion:	82	Resp:	265297
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.4	8.0
138	16.1	14.2	21.2

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#26

2-Nitrophenol

Concen: 46.358 ng

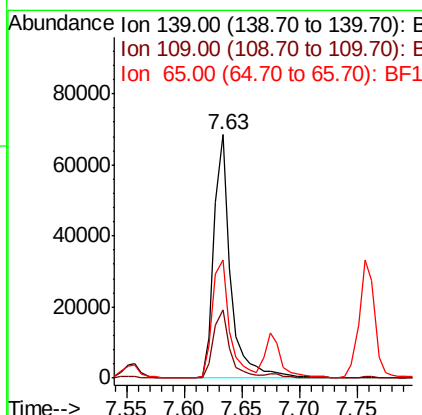
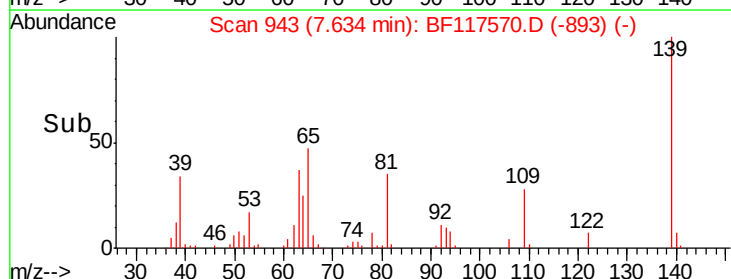
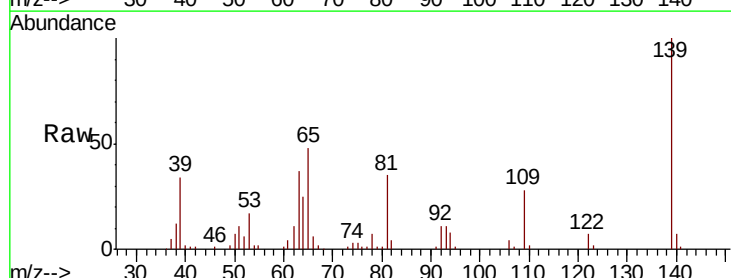
RT: 7.63 min Scan# 943

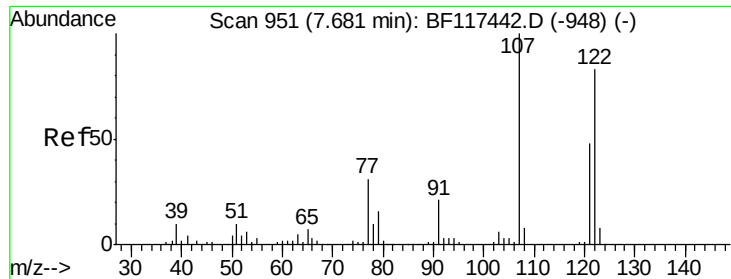
Delta R.T. -0.01 min

Lab File: BF117570.D

Acq: 28 Oct 2019 19:11

Tgt Ion:	139	Resp:	69186
Ion Ratio		Lower	Upper
139	100		
109	28.2	23.2	34.8
65	48.5	41.1	61.7





#27

2,4-Dimethylphenol

Concen: 51.746 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF117570.D

Acq: 28 Oct 2019 19:11

Instrument :

BNA_F

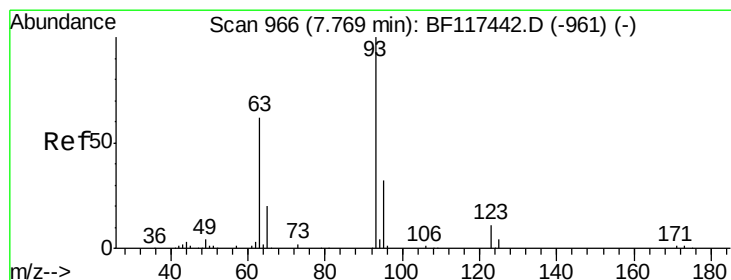
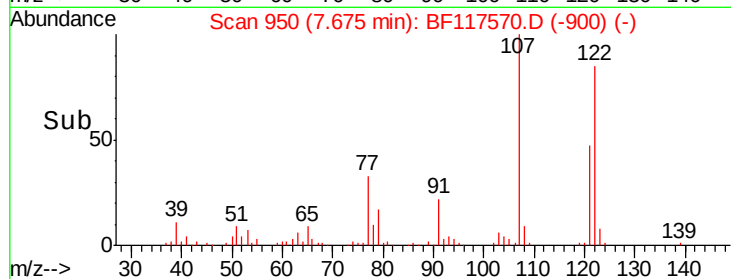
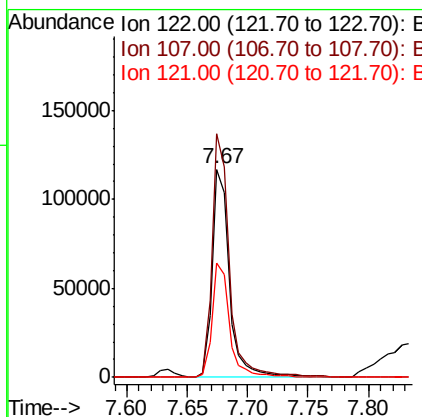
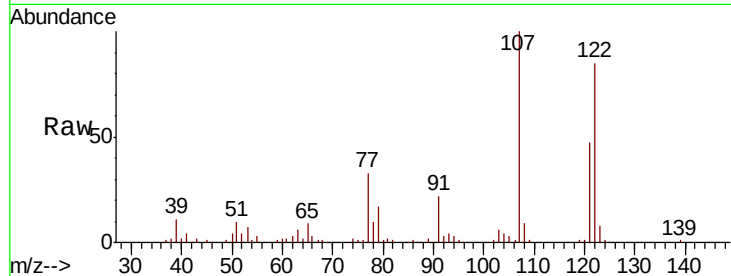
ClientSampleId :

184-40-(0-2)

Tot Ion:	122	Resp:	115414
Ion Ratio	Lower	Upper	
122	100		
107	117.1	96.8	145.2
121	55.2	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 42.526 ng

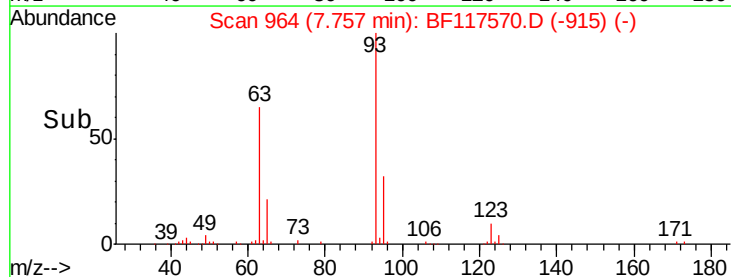
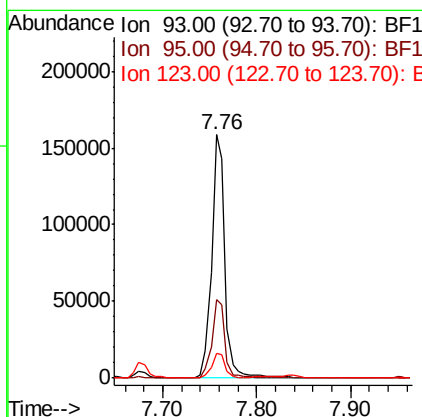
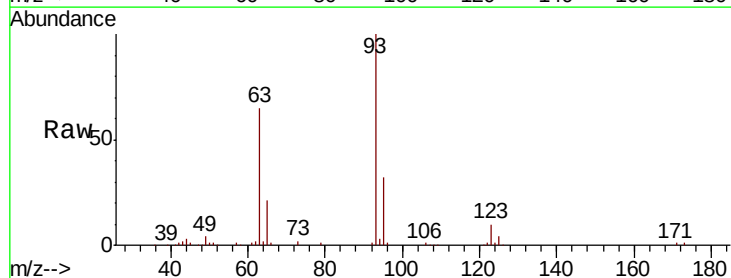
RT: 7.76 min Scan# 964

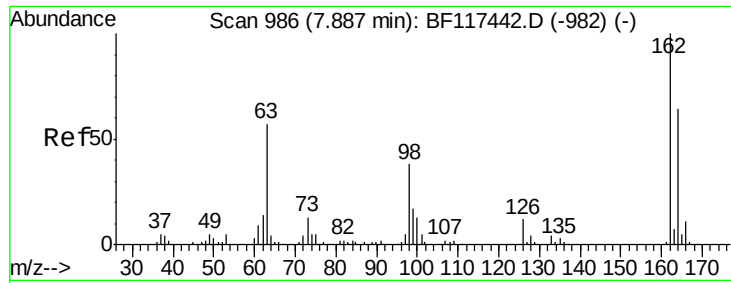
Delta R.T. -0.01 min

Lab File: BF117570.D

Acq: 28 Oct 2019 19:11

Tgt Ion:	93	Resp:	158596
Ion Ratio	Lower	Upper	
93	100		
95	32.2	25.5	38.3
123	10.4	9.0	13.6





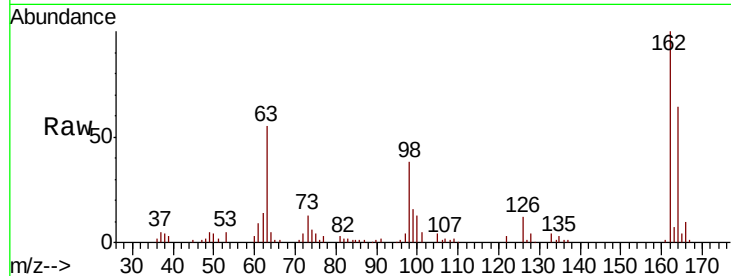
#29
2,4-Dichlorophenol
Concen: 44.571 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

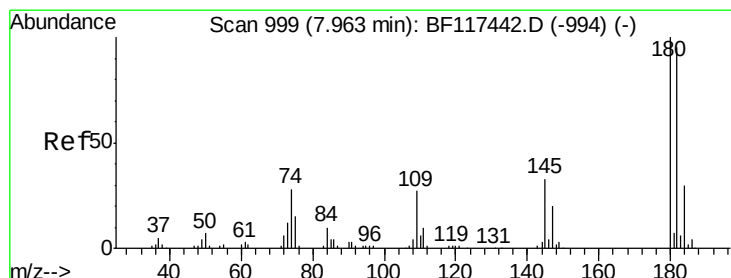
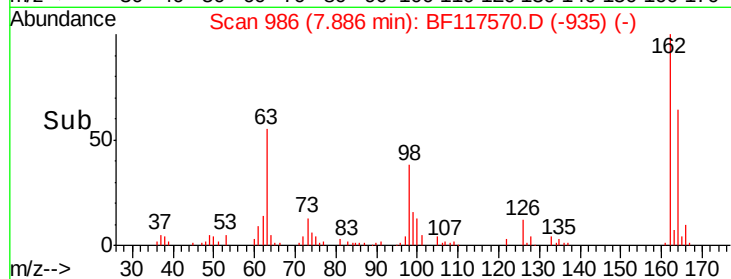
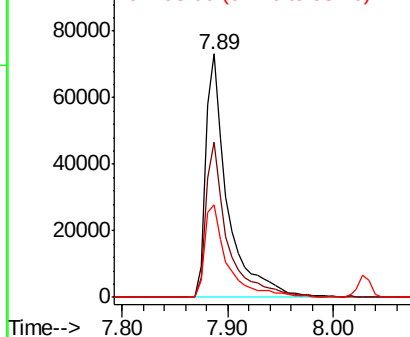
Tot Ion:	162	Resp:	104270
Ion Ratio	Lower	Upper	
162	100		
164	63.7	44.4	84.4
98	38.2	18.2	58.2

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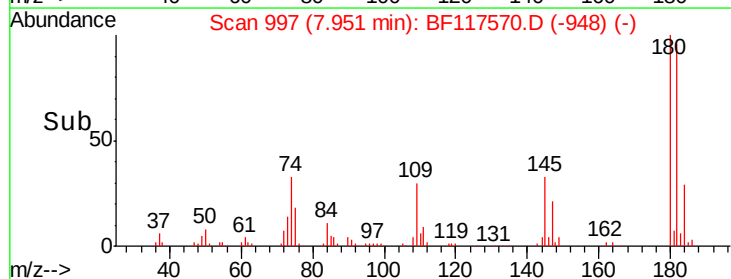
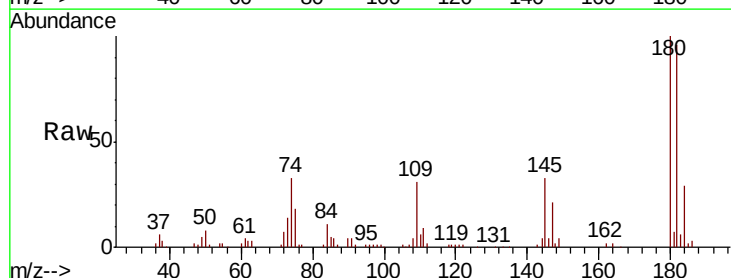
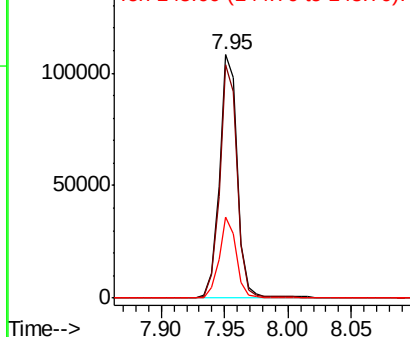
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

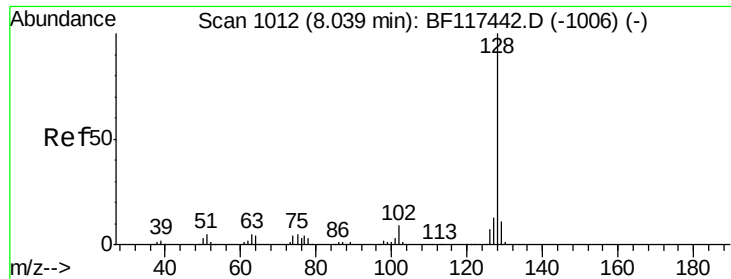


#30
1,2,4-Trichlorobenzene
Concen: 42.782 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion:	180	Resp:	107405
Ion Ratio	Lower	Upper	
180	100		
182	95.7	75.8	113.8
145	33.1	26.5	39.7

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





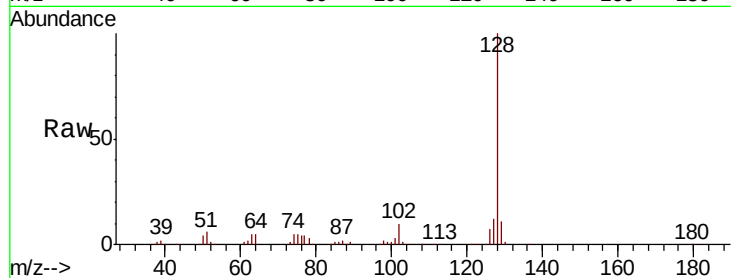
#31
Naphthalene
Concen: 45.172 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	9.0	13.4	
127	12.5	10.2	15.2	

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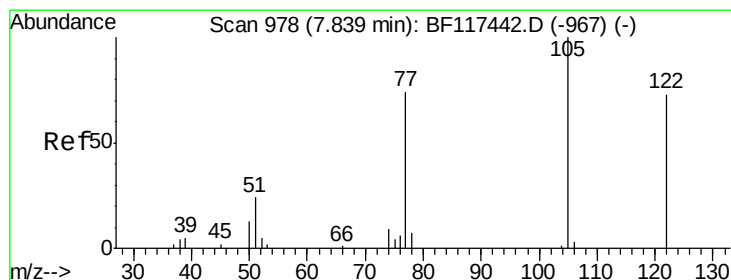
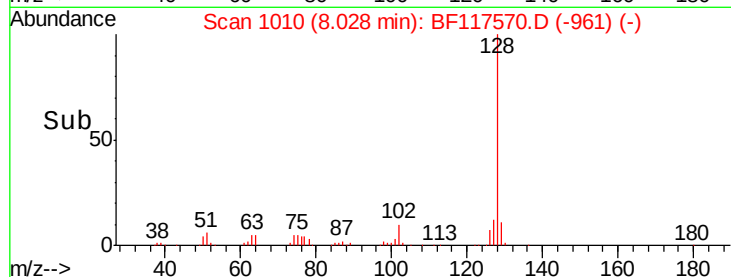
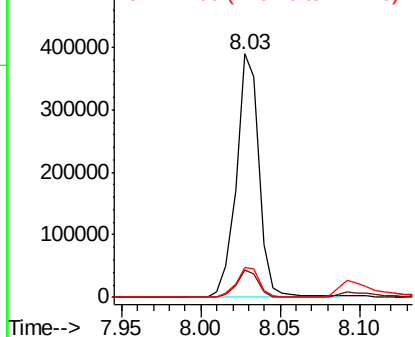


Abundance

Ion 128.00 (127.70 to 128.70): E

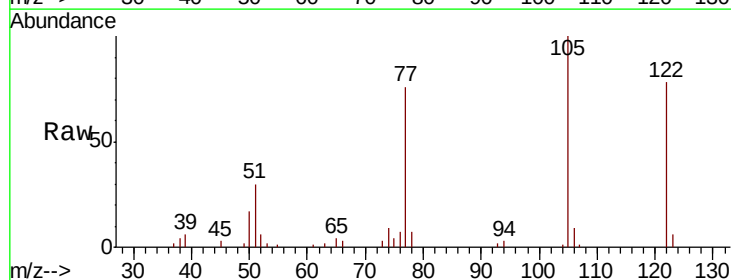
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 37.259 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	127.5	115.0	155.0	
77	97.1	79.7	119.7	

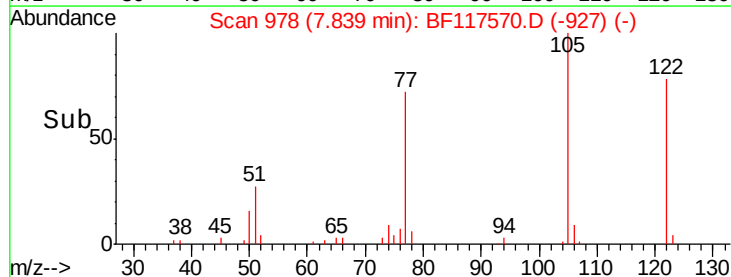
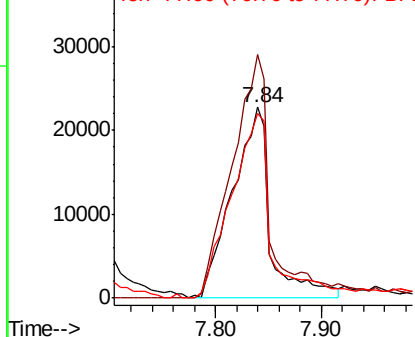


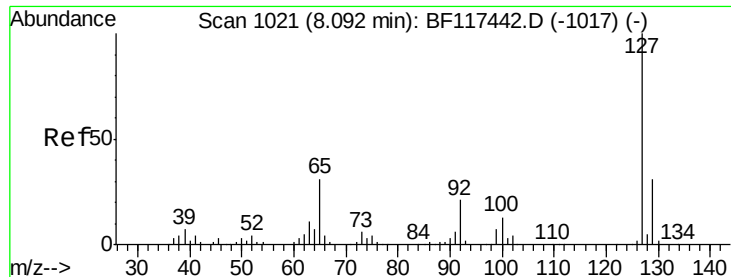
Abundance

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





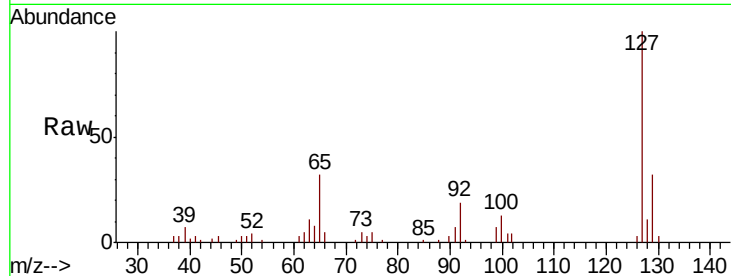
#33
4-Chloroaniline
Concen: 13.642 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

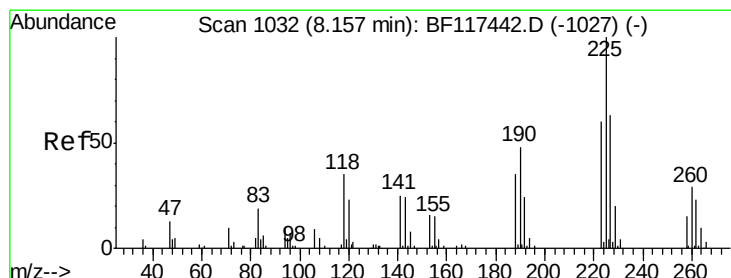
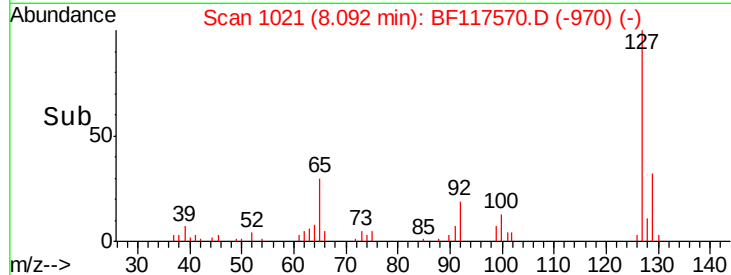
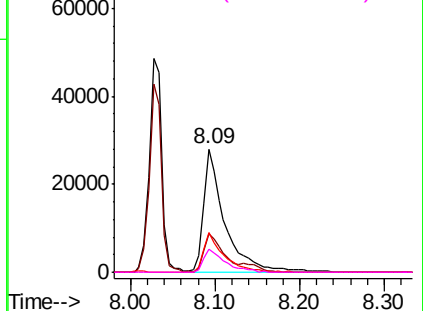
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	24.8	37.2
65	32.1	24.6	37.0
92	18.7	16.5	24.7

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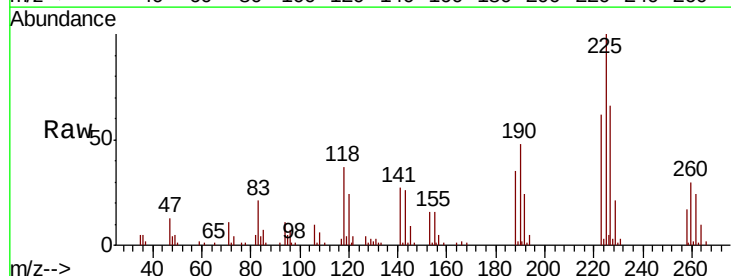


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

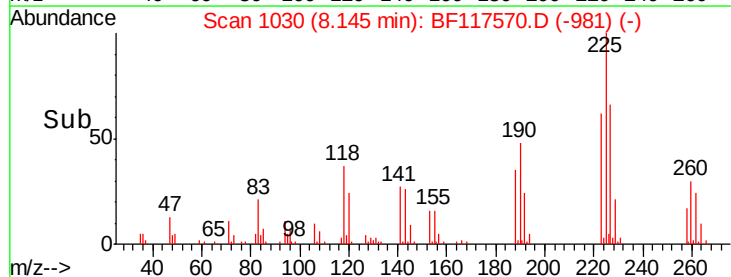
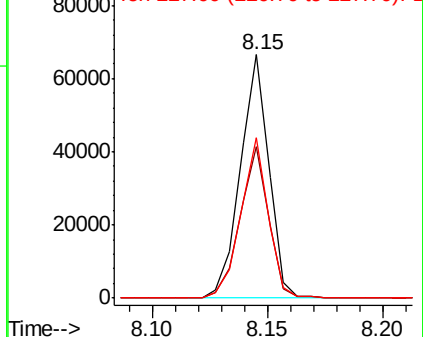


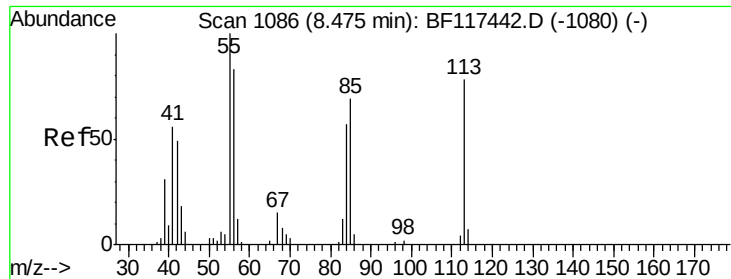
#34
Hexachlorobutadiene
Concen: 39.452 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	48.2	72.4
227	65.7	50.2	75.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





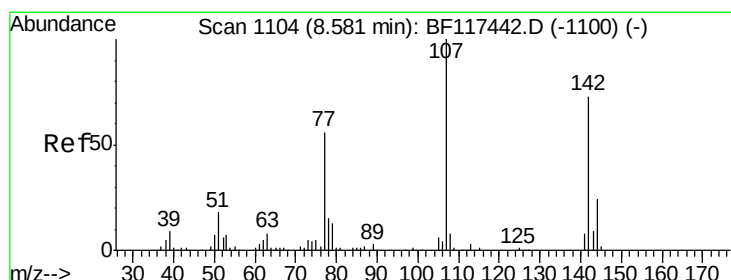
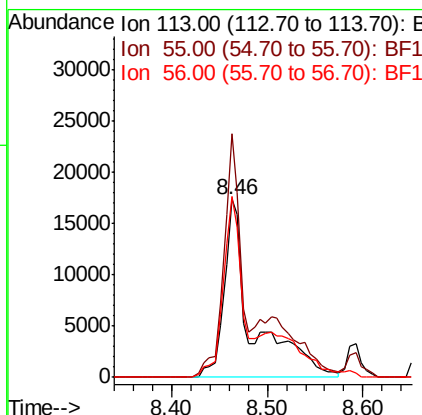
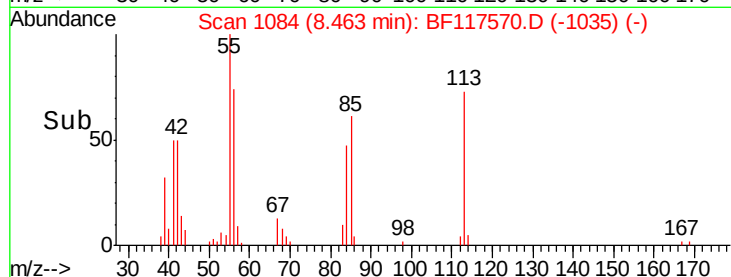
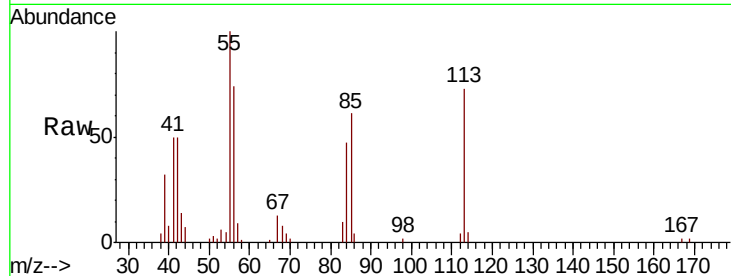
#35
Caprolactam
Concen: 47.667 ng/ml
RT: 8.46 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
113	100		
55	136.6	108.8	148.8
56	101.5	87.2	127.2

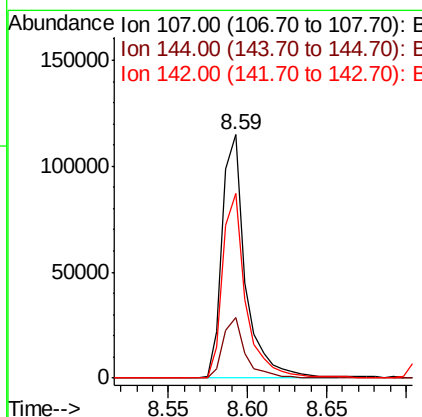
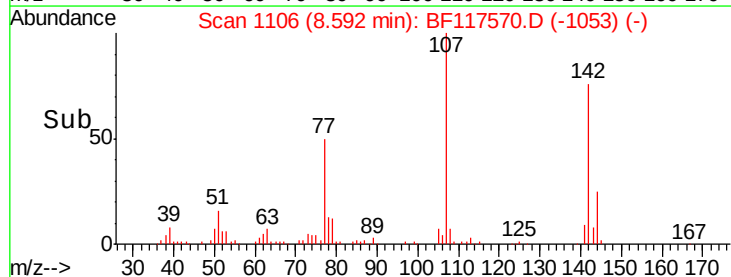
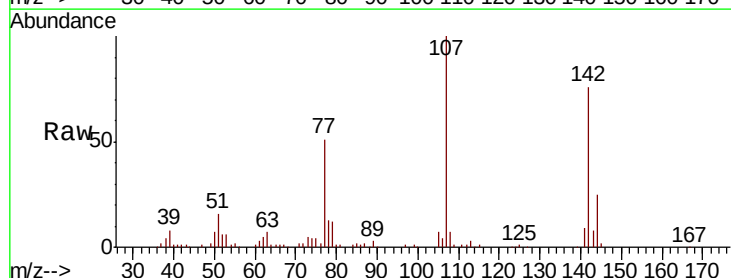
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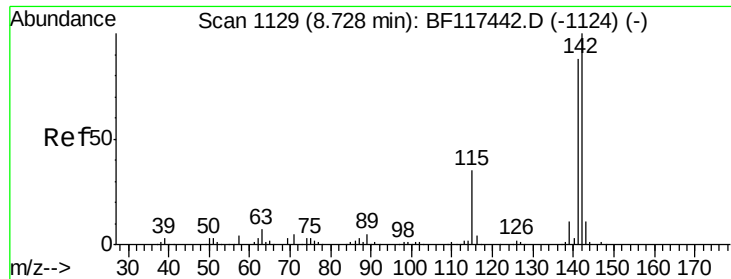
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#36
4-Chloro-3-methylphenol
Concen: 44.232 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	18.9	28.3
142	75.7	58.6	88.0





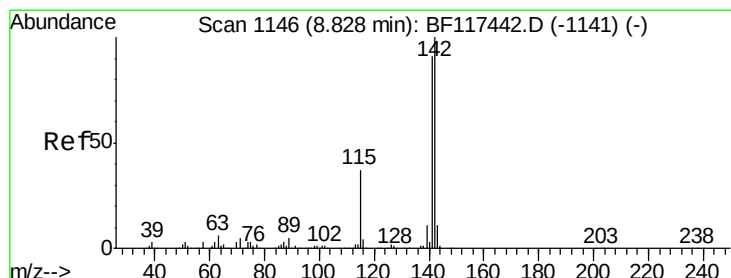
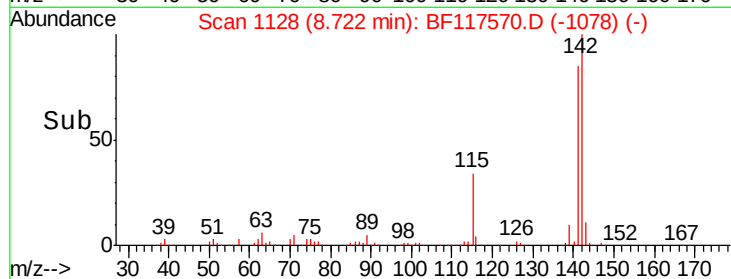
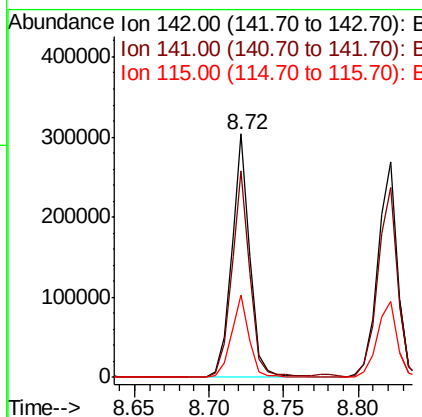
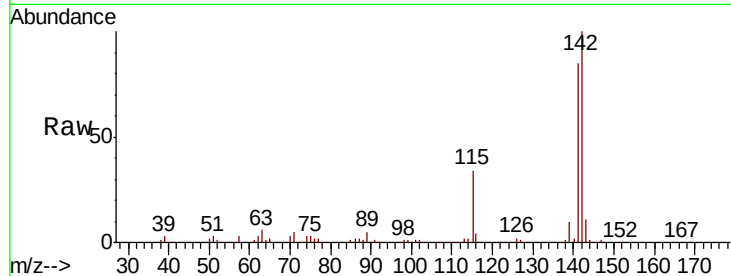
#37
2-Methylnaphthalene
Concen: 45.234 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
142	100	260575		
141	85.0		70.3	105.5
115	33.6		28.2	42.2

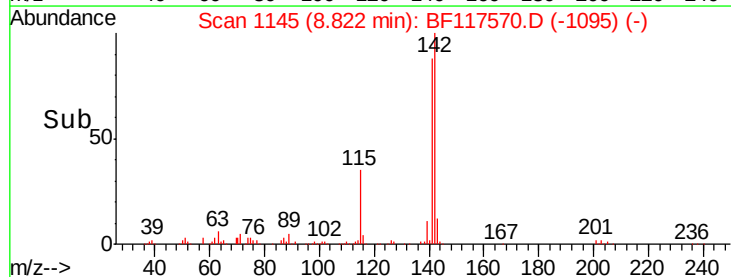
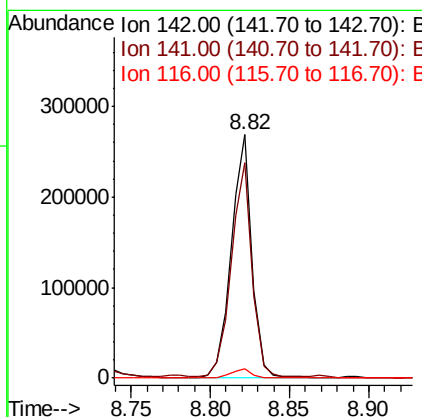
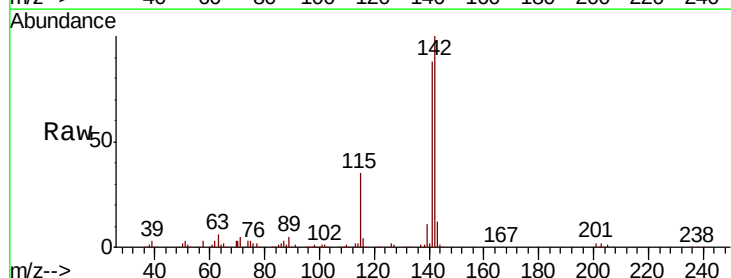
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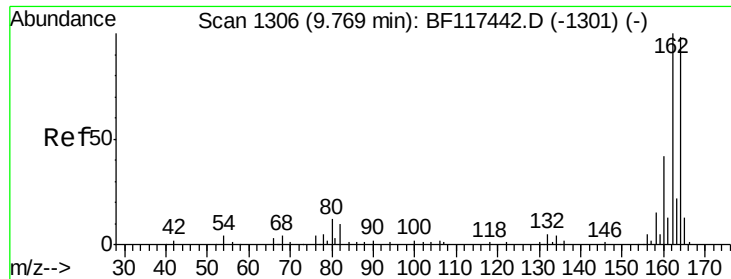
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#38
1-Methylnaphthalene
Concen: 44.240 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	239474		
141	88.4		73.3	109.9
116	3.6		3.1	4.7





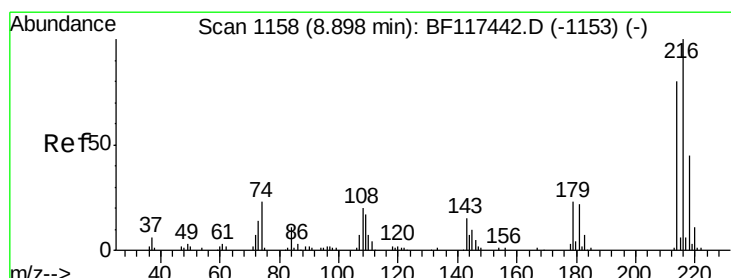
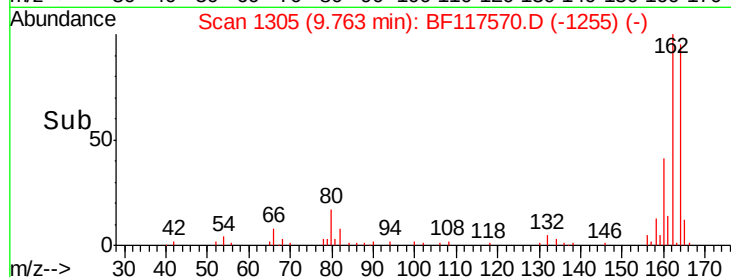
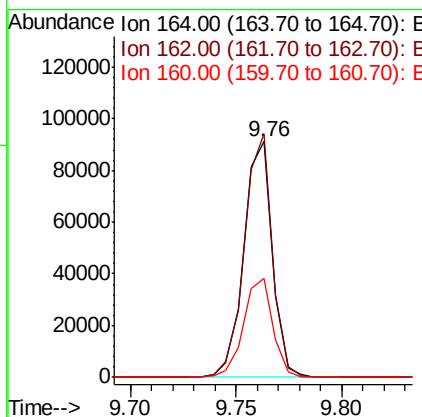
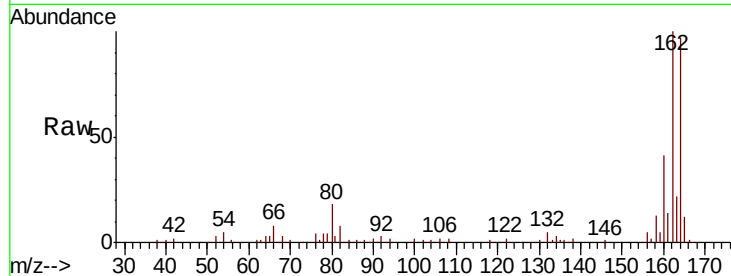
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.8	122.6
160	42.0	34.4	51.6

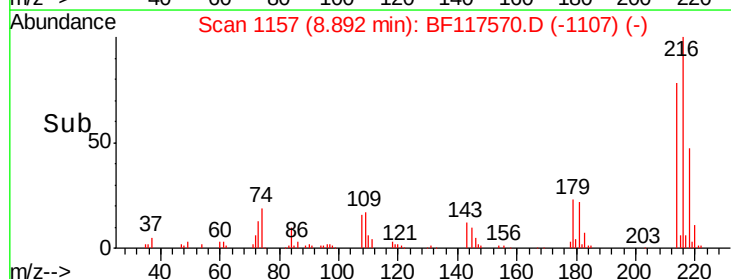
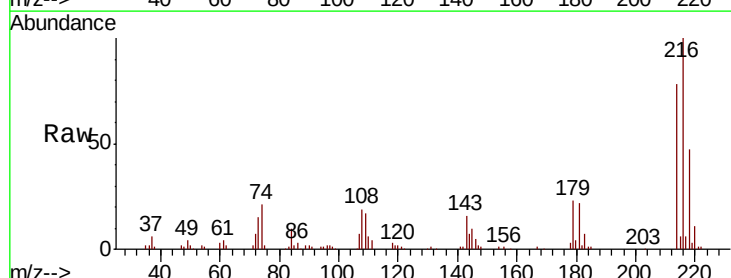
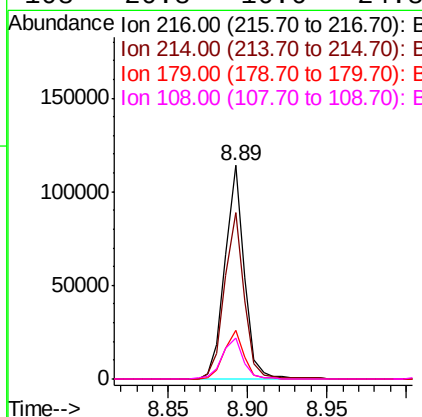
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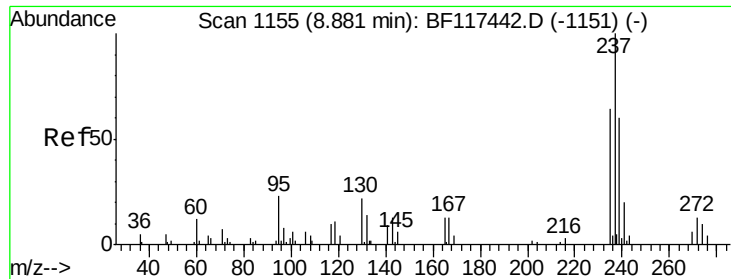
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.956 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.4	93.6
179	22.5	18.1	27.1
108	20.8	16.6	24.8





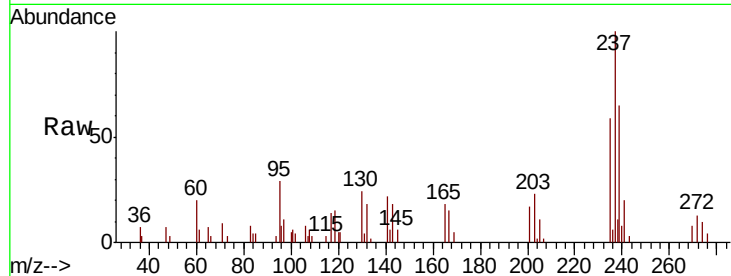
#41
Hexachlorocyclopentadiene
Concen: 30.950 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

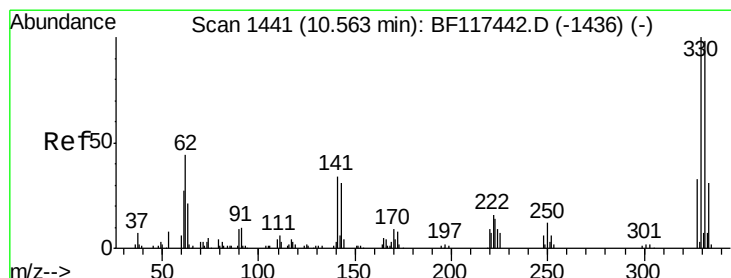
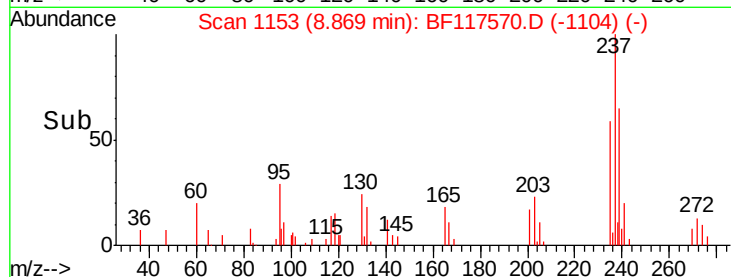
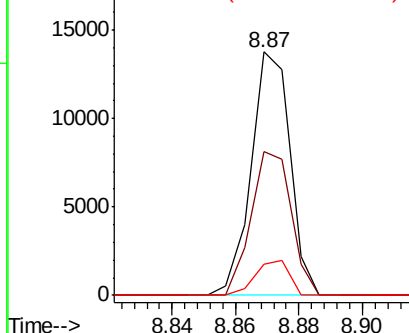
Tot Ion	Ratio	Lower	Upper
237	100		
235	59.0	44.3	84.3
272	12.7	0.0	33.2

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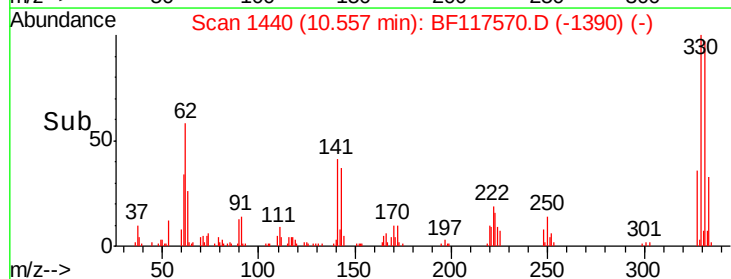
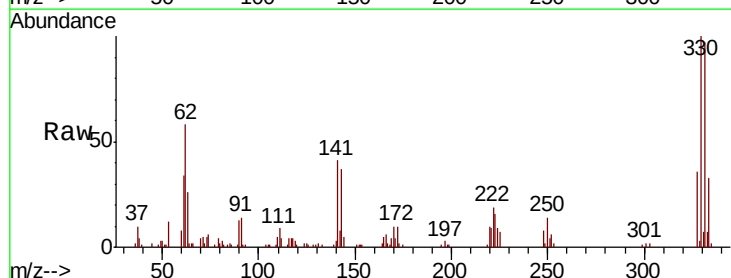
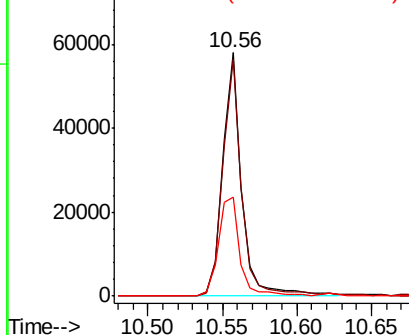
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

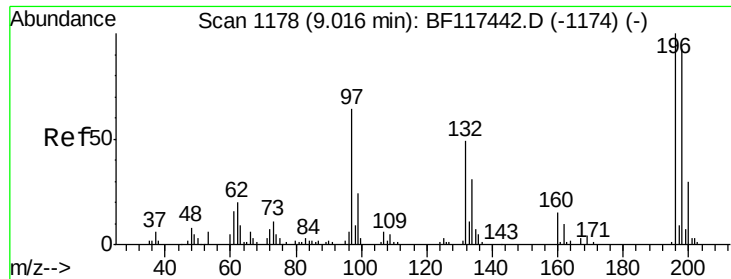


#42
2,4,6-Tribromophenol
Concen: 70.855 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.5	117.7
141	45.6	37.0	55.6

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





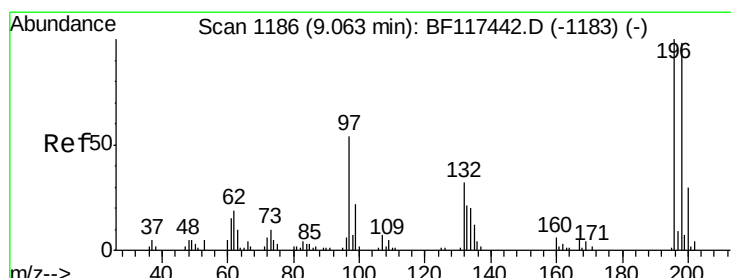
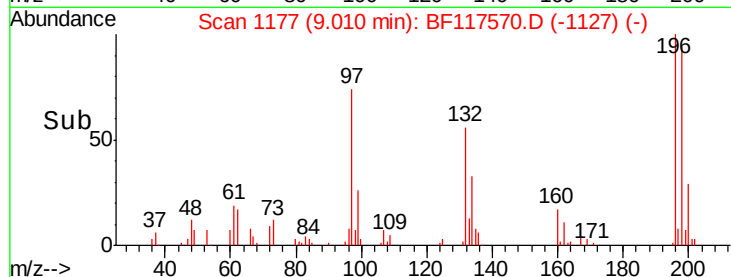
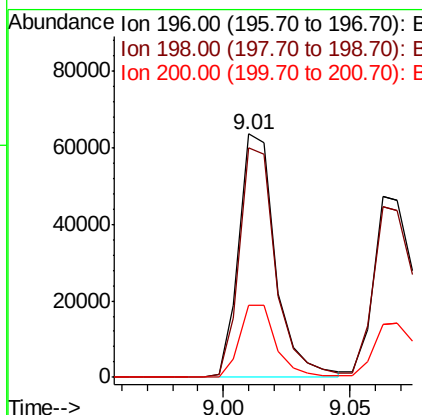
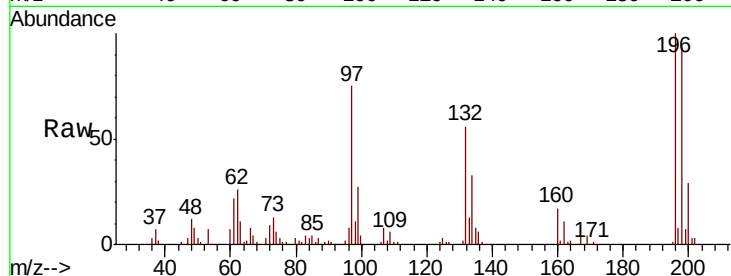
#43
 2,4,6-Trichlorophenol
 Concen: 44.518 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF117570.D
 Acq: 28 Oct 2019 19:11

Instrument :
 BNA_F
 ClientSampleId :
 184-40-(0-2)

Tot Ion:	196	Resp:	64212
Ion Ratio	Lower	Upper	
196	100		
198	94.1	74.1	111.1
200	29.4	23.9	35.9

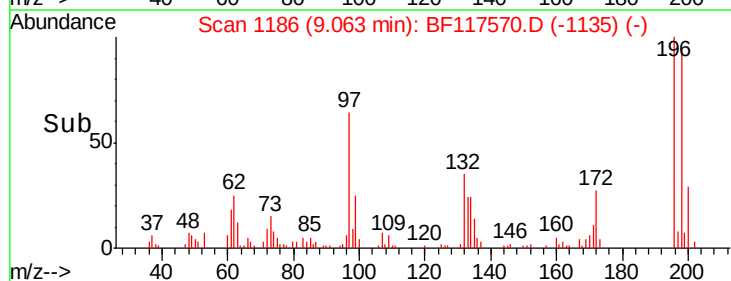
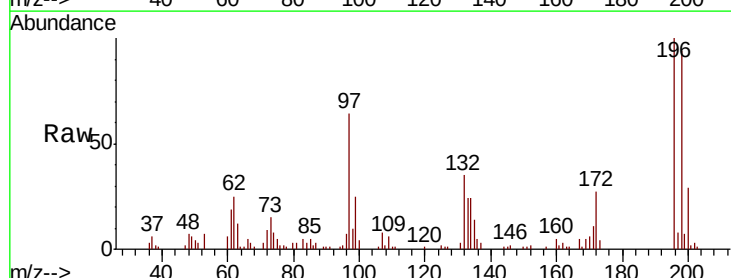
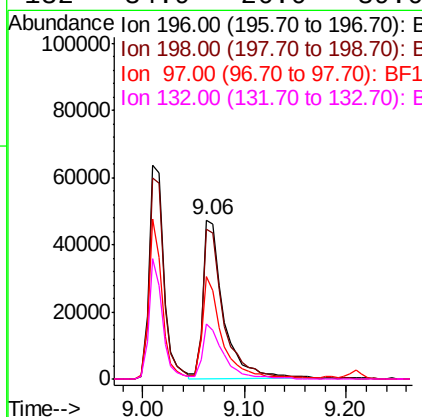
Manual Integrations
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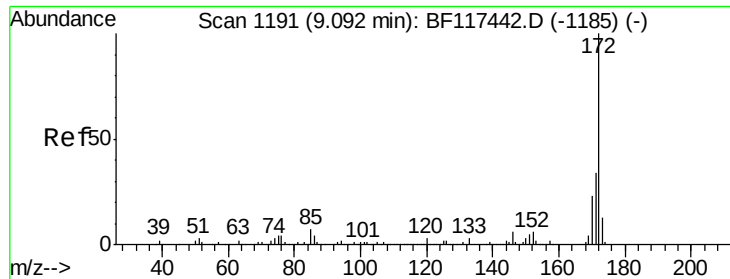
mohammad
 10/30/2019 4:51:25 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.333 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117570.D
 Acq: 28 Oct 2019 19:11

Tgt Ion:	196	Resp:	66259
Ion Ratio	Lower	Upper	
196	100		
198	94.0	78.6	117.8
97	64.3	43.4	65.2
132	34.9	26.0	39.0





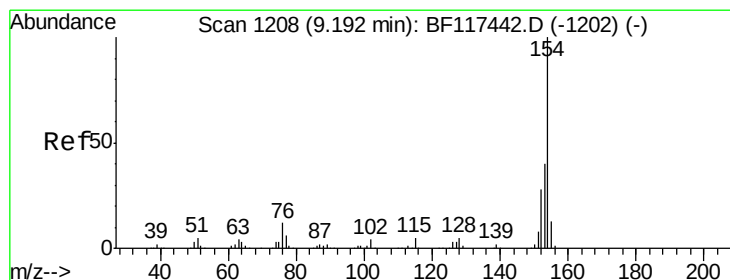
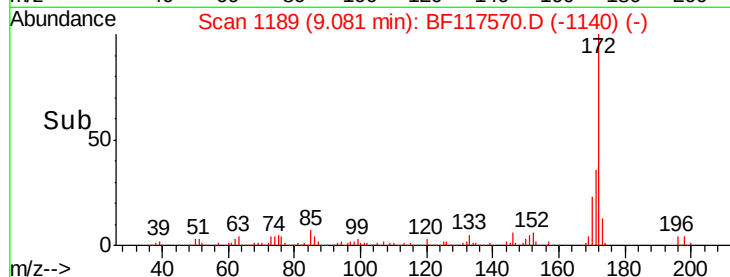
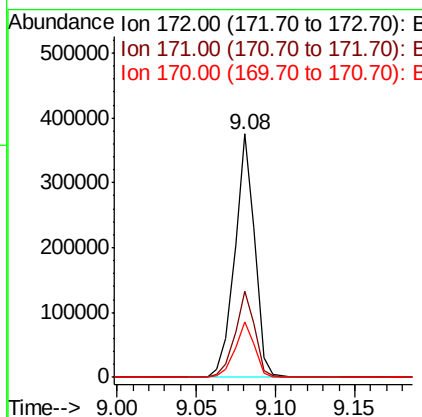
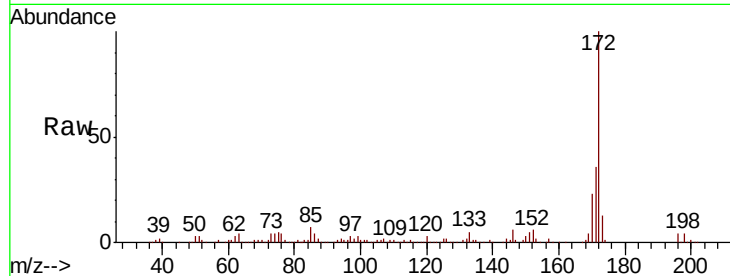
#45
2-Fluorobiphenyl
Concen: 53.819 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.6	27.5	41.3	
170	22.9	18.6	27.8	

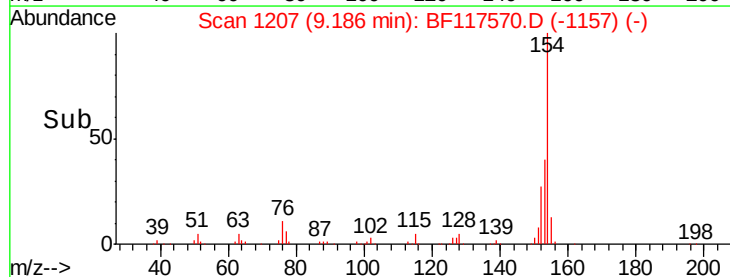
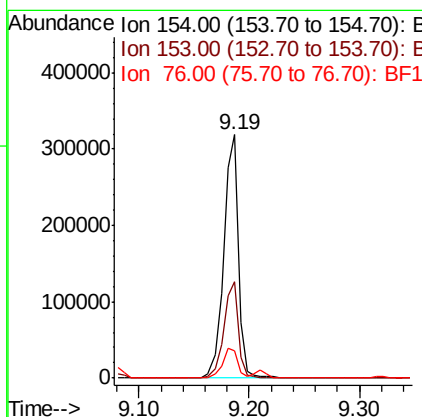
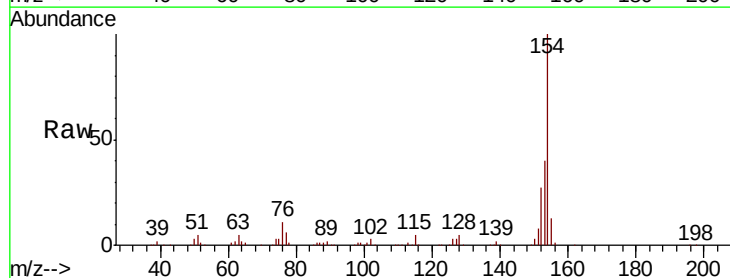
Manual Integrations
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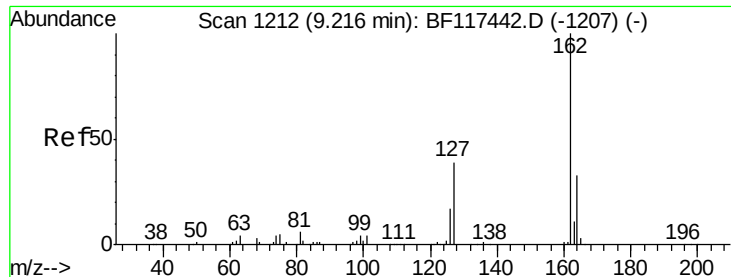
mohammad
10/30/2019 4:51:25 PM



#46
1,1'-Biphenyl
Concen: 41.945 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.5	20.2	60.2	
76	11.2	0.0	32.1	





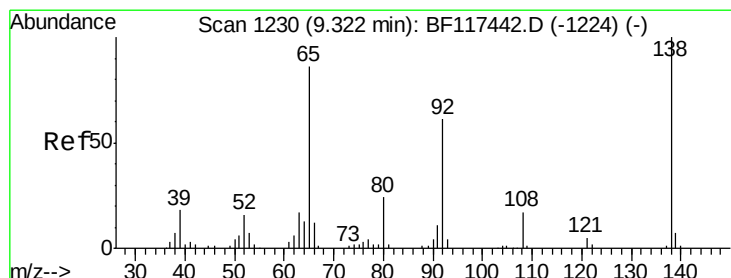
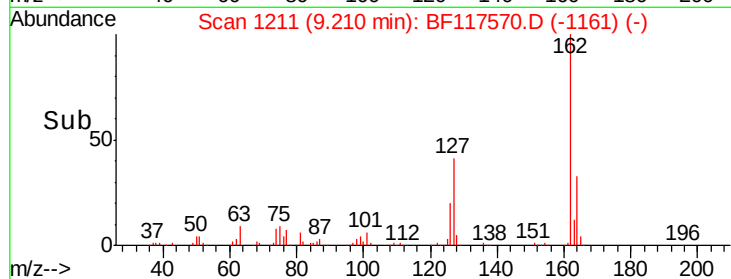
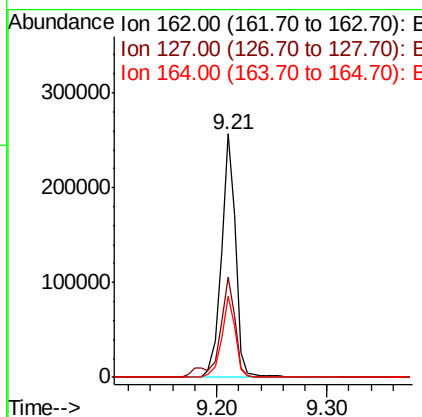
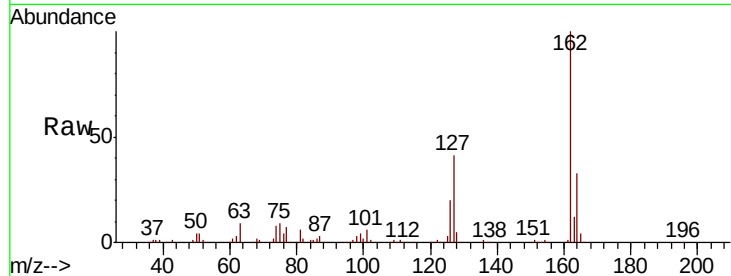
#47
2-Chloronaphthalene
Concen: 42.883 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.1	34.2	51.4	
164	33.2	26.4	39.6	

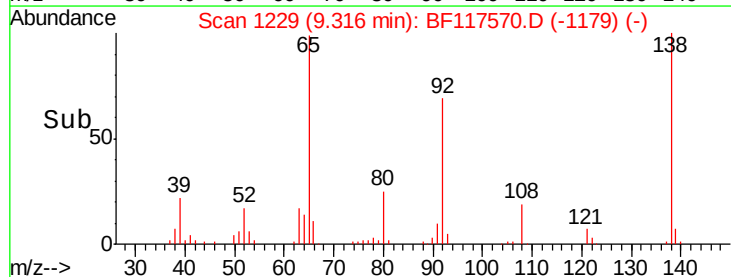
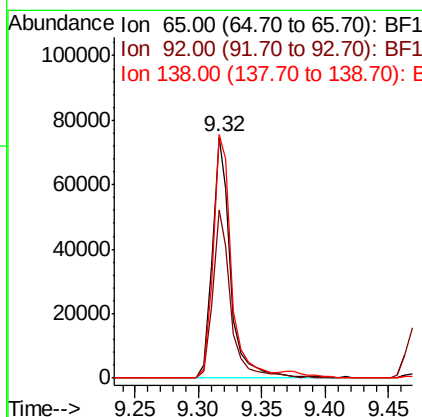
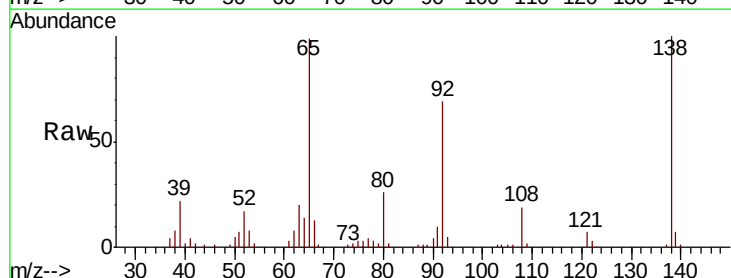
Manual Integrations
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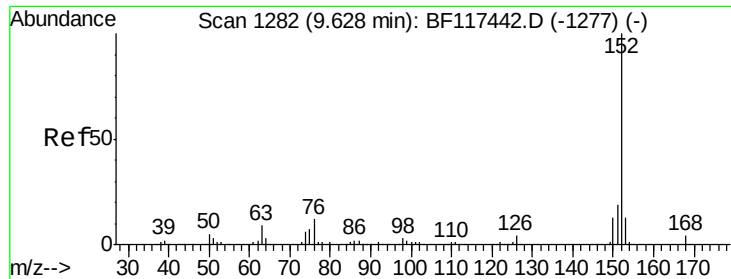
mohammad
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#48
2-Nitroaniline
Concen: 43.098 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	69.8	57.3	85.9	
138	100.9	93.3	139.9	





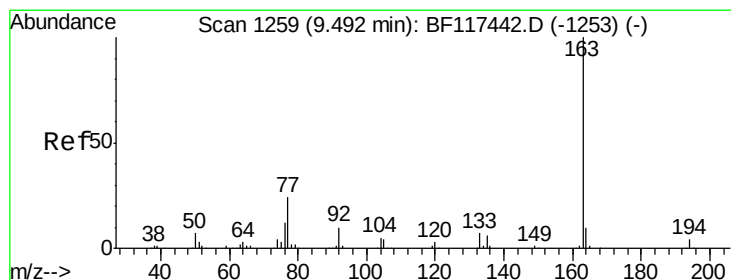
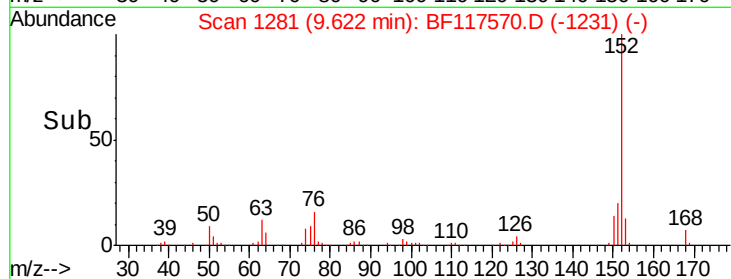
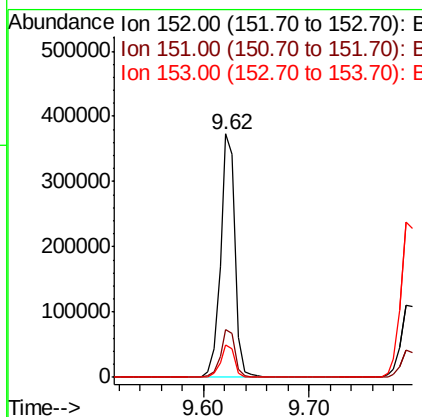
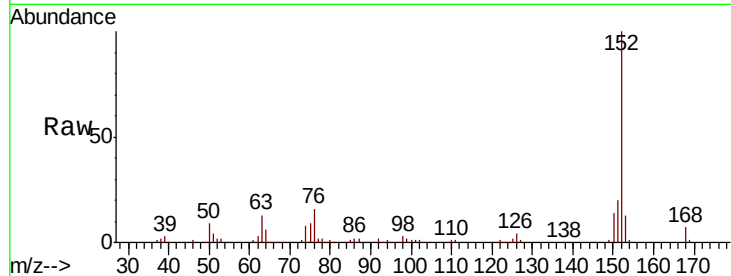
#49
Acenaphthylene
Concen: 46.047 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0
153	13.1	10.3	15.5

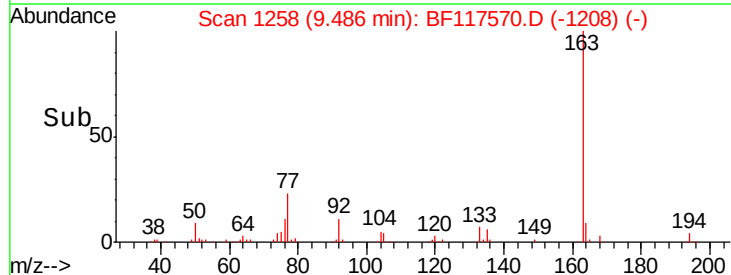
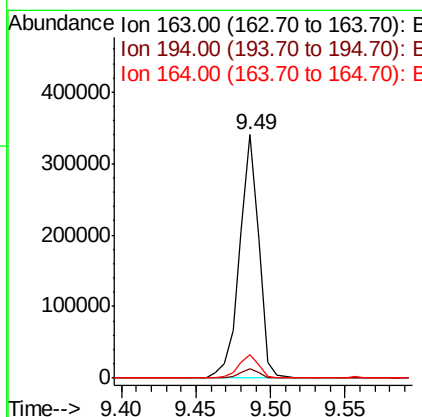
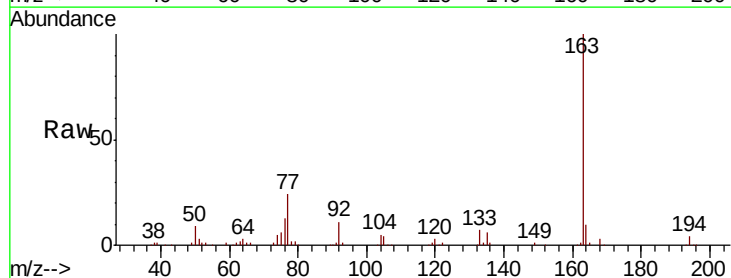
Manual Integrations
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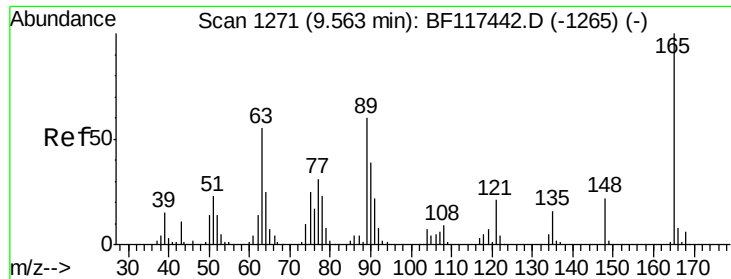
mohammad
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#50
Dimethylphthalate
Concen: 50.343 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	9.6	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 45.525 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF117570.D

Acq: 28 Oct 2019 19:11

Instrument :

BNA_F

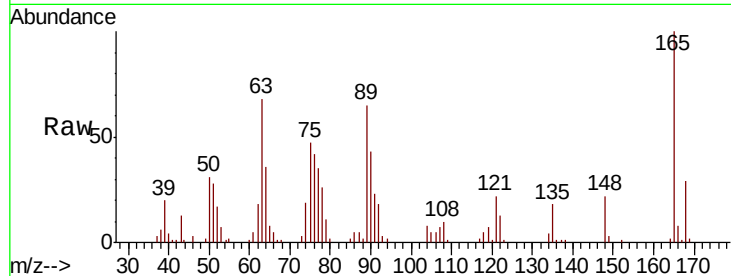
ClientSampleId :

184-40-(0-2)

Tot Ion:	165	Resp:	57915
Ion Ratio	Lower	Upper	
165	100		
63	68.2	43.8	65.8#
89	65.1	47.6	71.4

Manual Integrations
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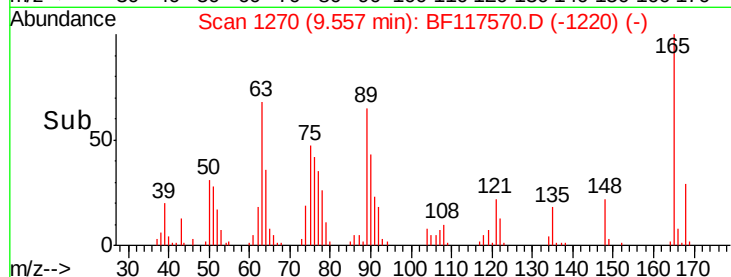


Abundance Ion 165.00 (164.70 to 165.70): E

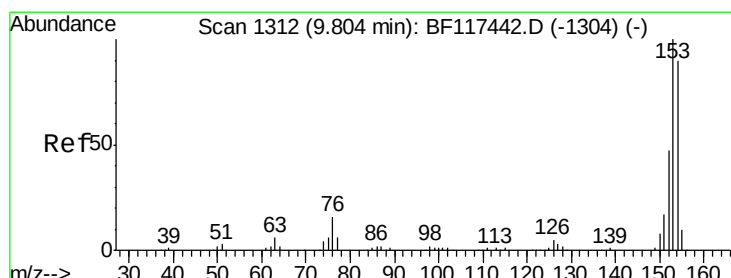
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 43.678 ng

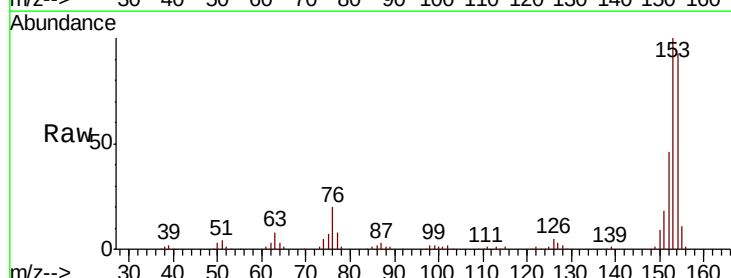
RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF117570.D

Acq: 28 Oct 2019 19:11

Tgt Ion:	154	Resp:	210104
Ion Ratio	Lower	Upper	
154	100		
153	108.0	89.2	133.8
152	50.2	41.8	62.6

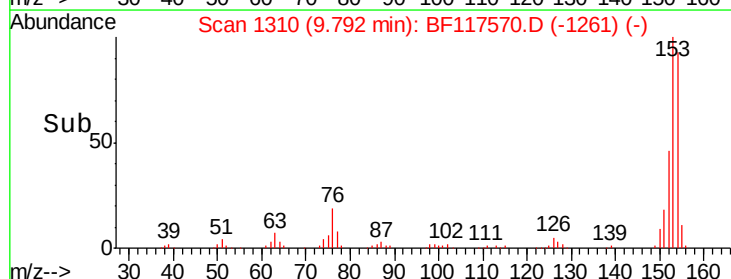


Abundance Ion 154.00 (153.70 to 154.70): E

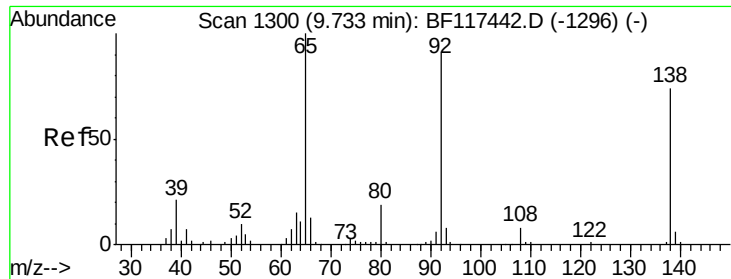
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



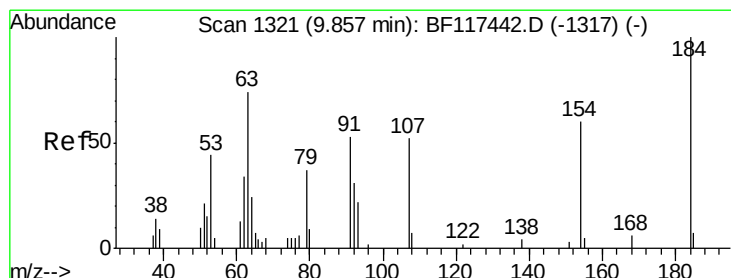
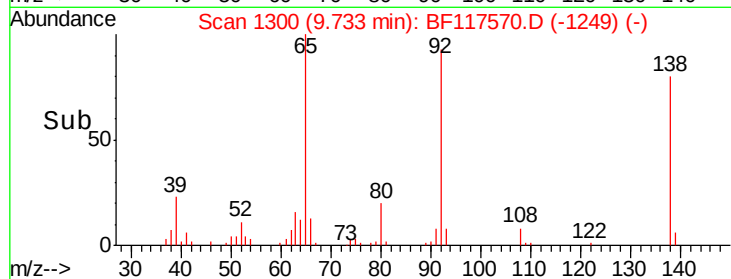
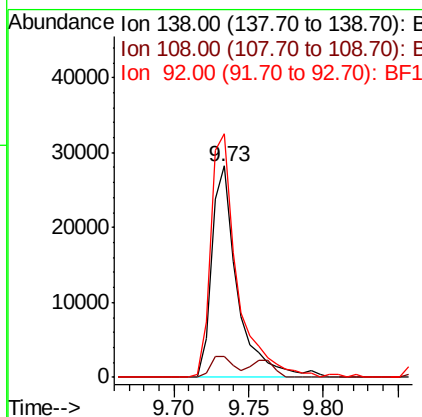
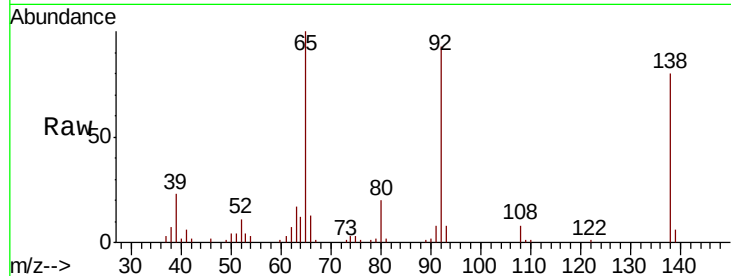
#53
3-Nitroaniline
Concen: 21.819 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.7	13.1
92	115.4	98.4	147.6

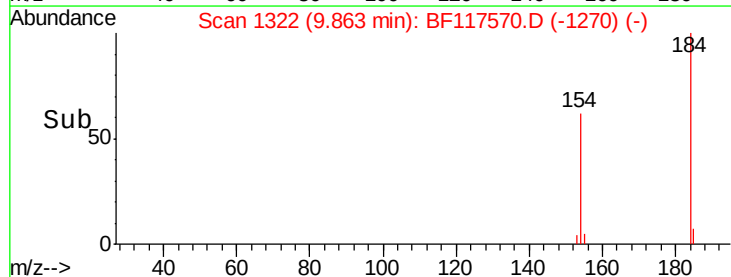
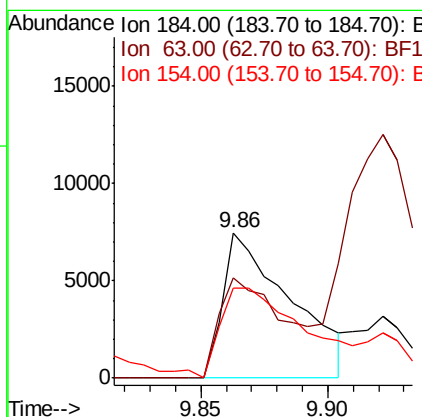
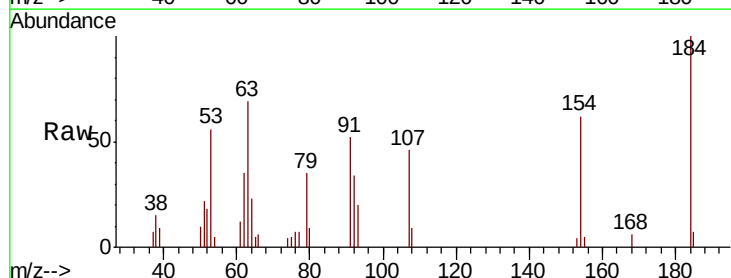
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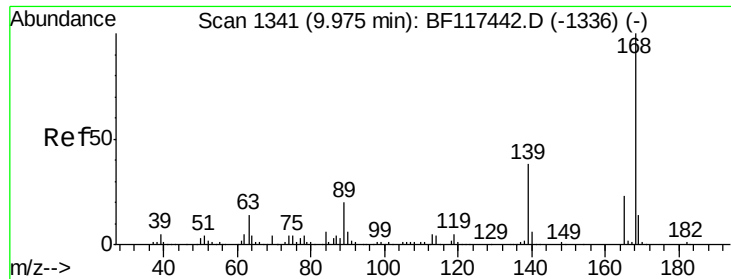
mohammad
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#54
2,4-Dinitrophenol
Concen: 29.321 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.6	59.2	88.8
154	62.0	53.4	80.0





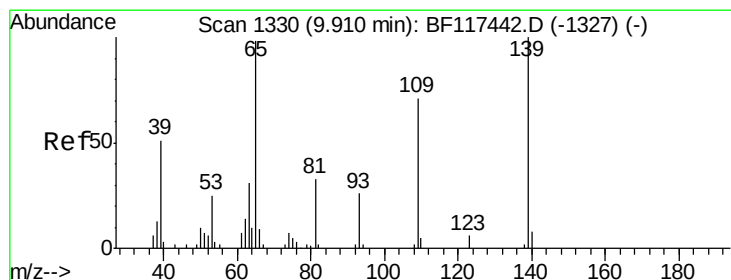
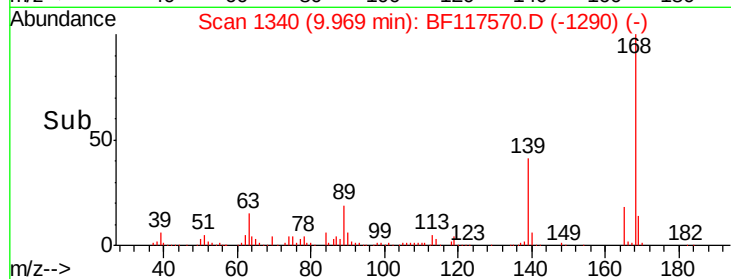
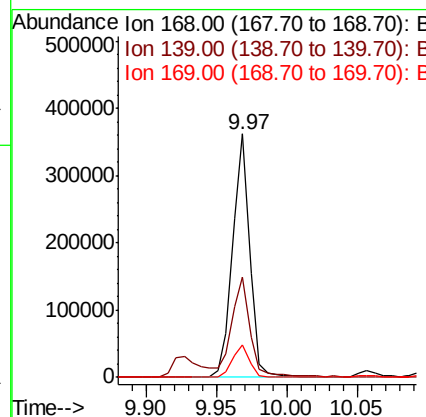
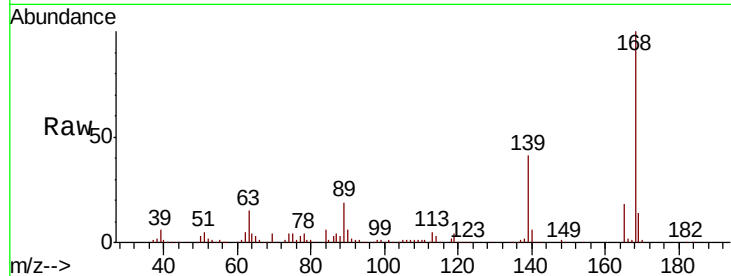
#55
Dibenzofuran
Concen: 44.187 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	31.8	47.6
169	13.6	11.2	16.8

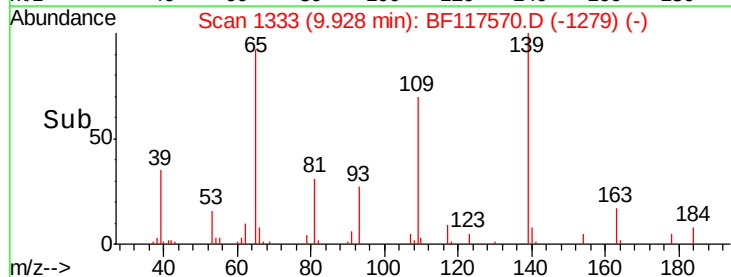
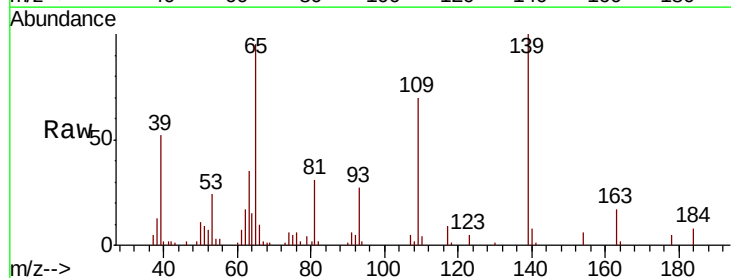
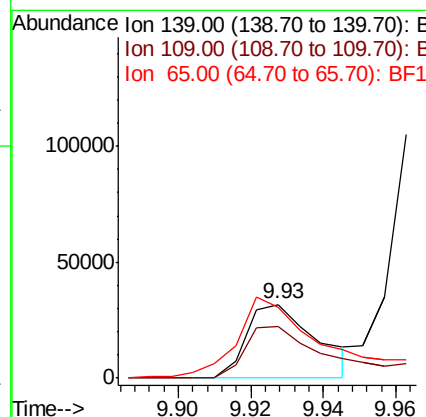
Manual Integrations
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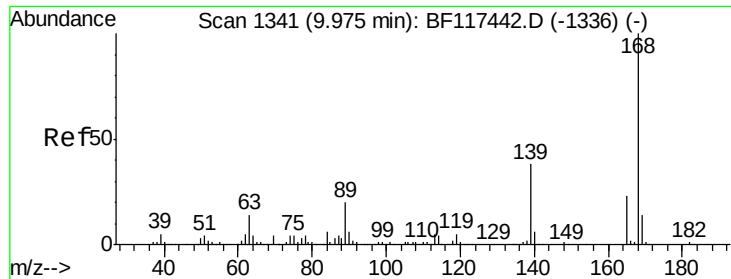
mohammad
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#56
4-Nitrophenol
Concen: 60.532 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.2	51.4	91.4
65	95.1	79.4	119.4





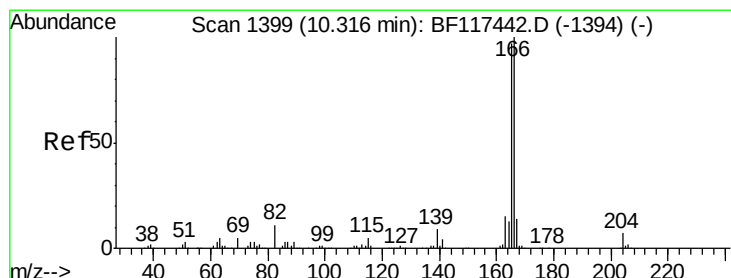
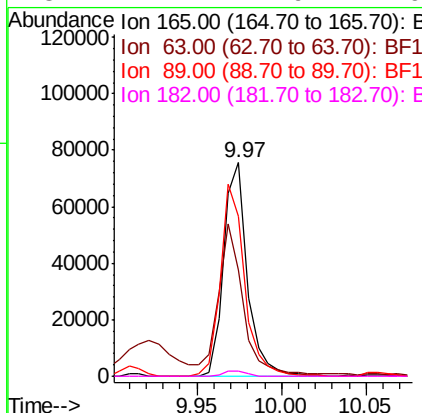
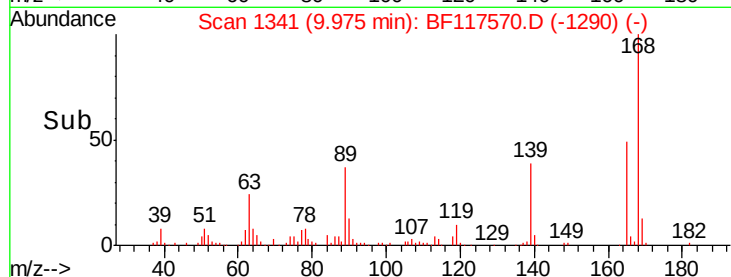
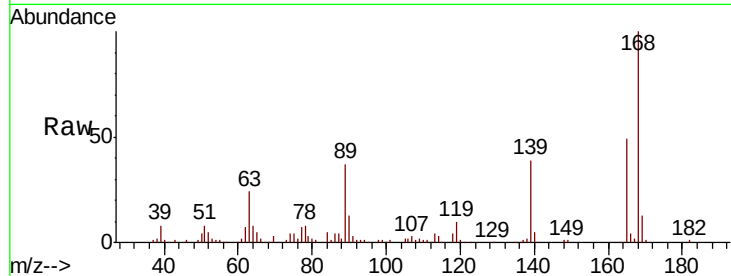
#57
2,4-Dinitrotoluene
Concen: 43.605 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.7	51.4	77.0	
89	75.2	69.9	104.9	
182	2.7	1.9	2.9	

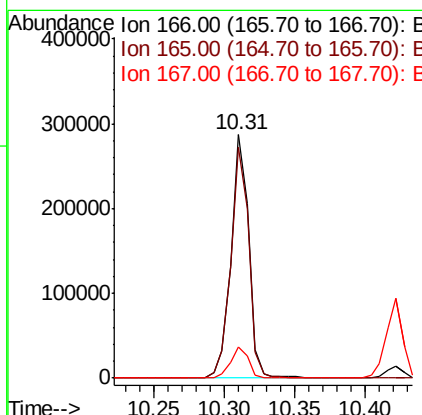
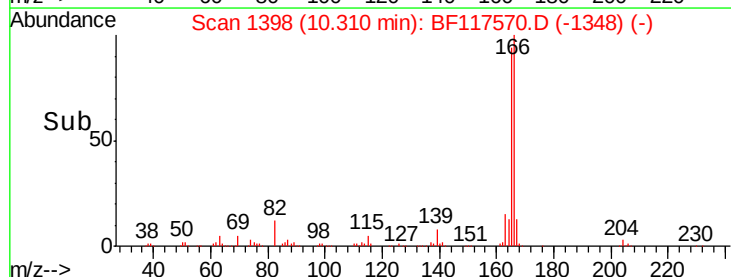
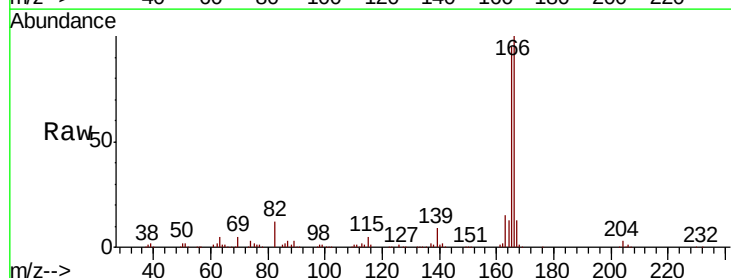
Manual Integrations
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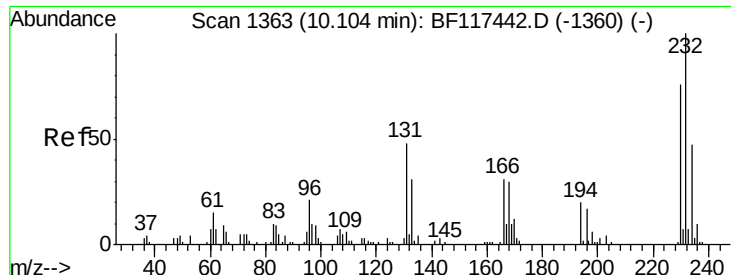
mohammad
10/30/2019 4:51:25 PM



#58
Fluorene
Concen: 43.543 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.7	77.6	116.4	
167	12.8	11.0	16.4	





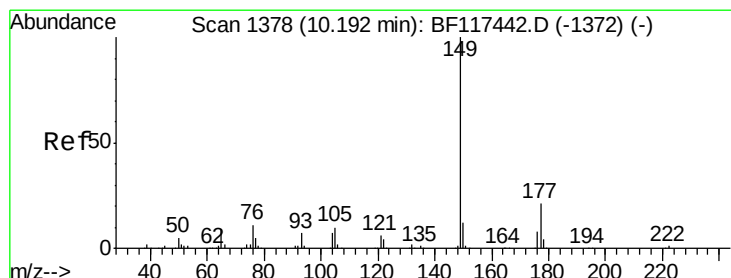
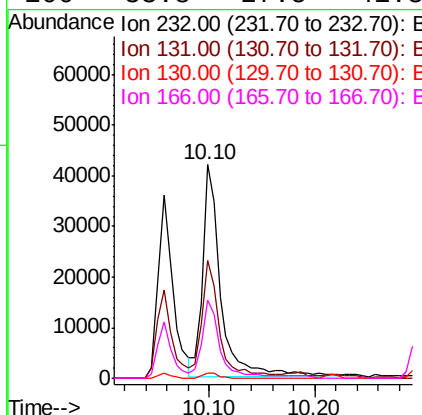
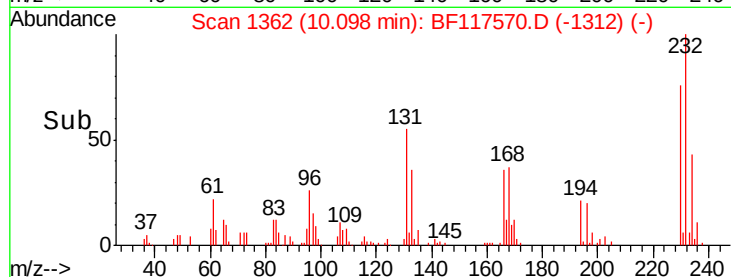
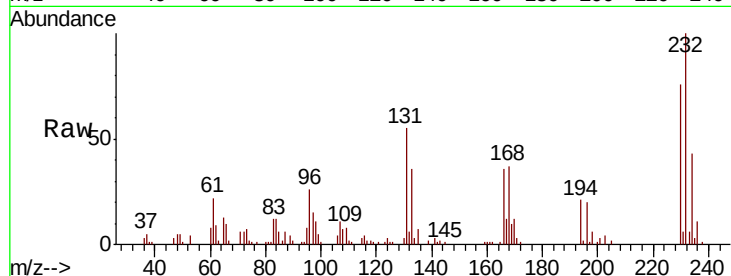
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.055 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
232	100		
131	54.6	42.6	63.8
130	2.3	2.2	3.4
166	33.8	27.5	41.3

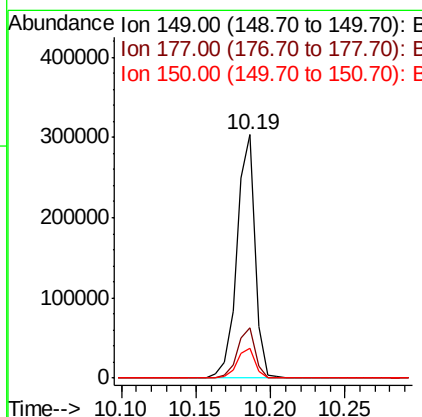
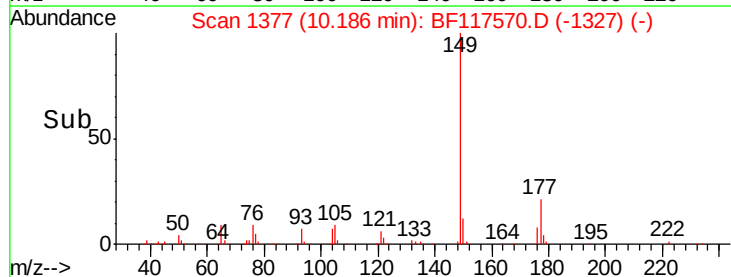
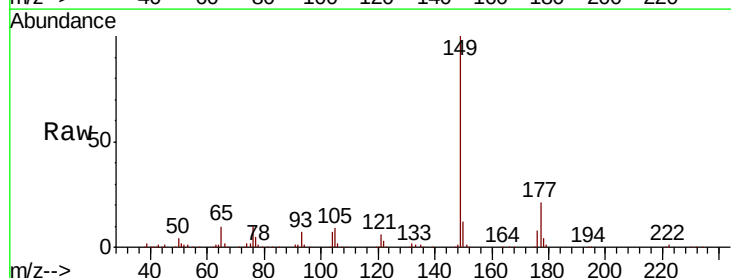
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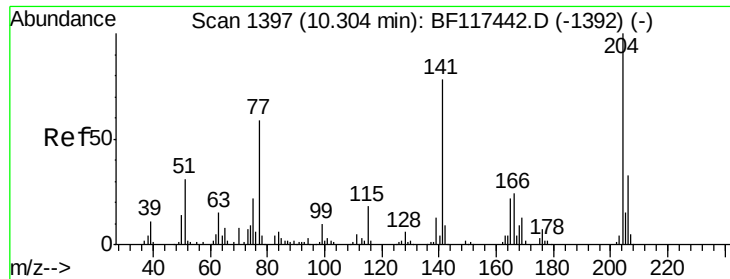
mohammad
10/30/2019 4:51:25 PM



#60
Diethylphthalate
Concen: 42.121 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.0	25.4
150	12.2	9.8	14.6





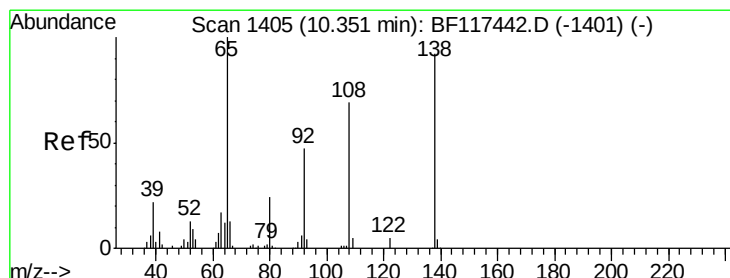
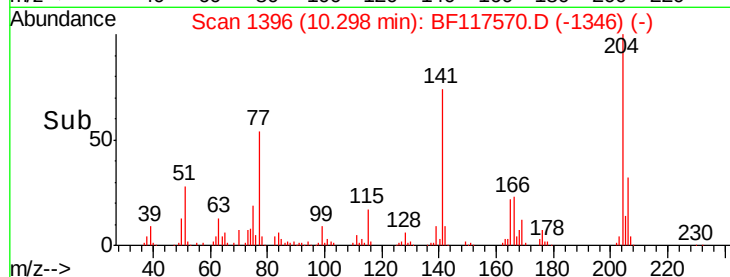
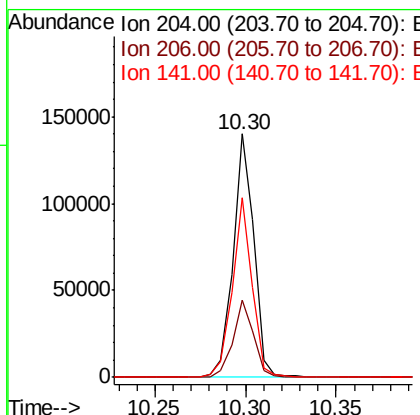
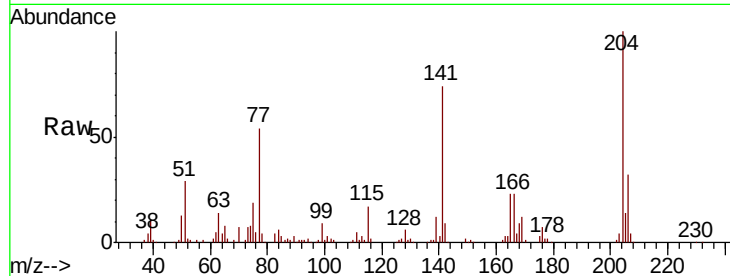
#61
4-Chlorophenyl-phenylether
Concen: 43.075 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.3	39.5
141	73.6	62.2	93.4

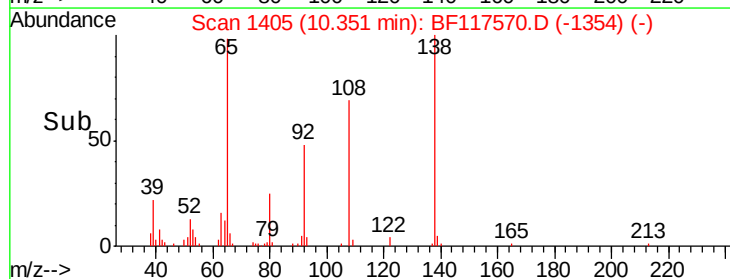
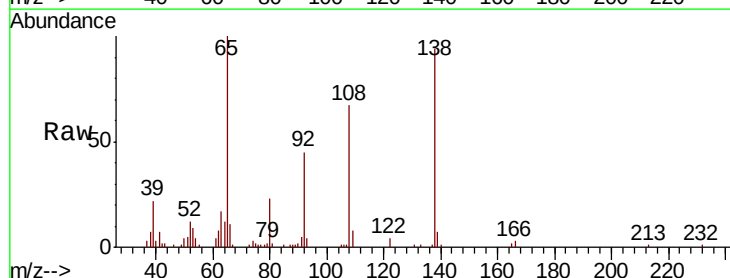
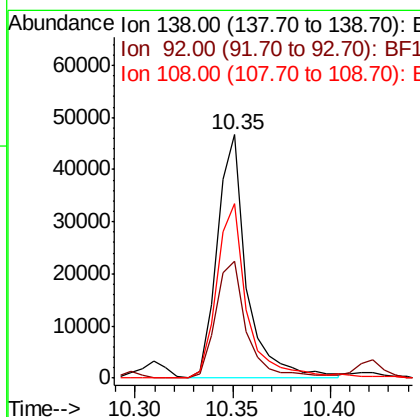
Manual Integrations
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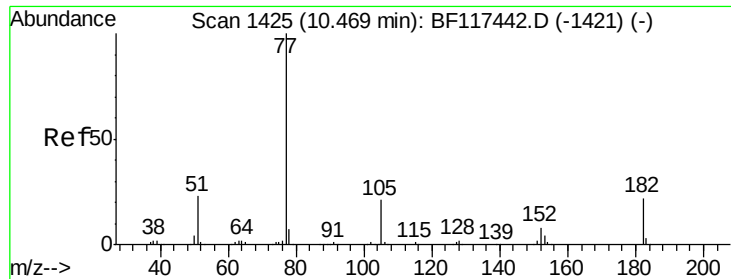
mohammad
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#62
4-Nitroaniline
Concen: 33.530 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	30.3	70.3
108	71.9	54.9	94.9





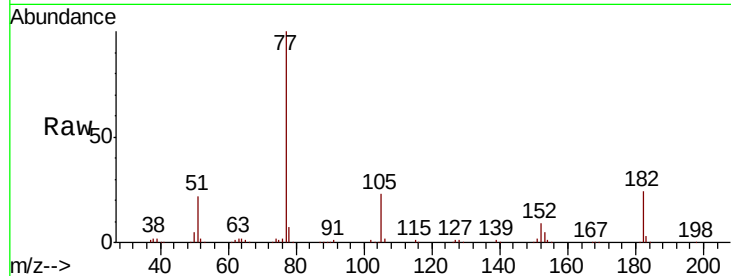
#63
Azobenzene
Concen: 43.749 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

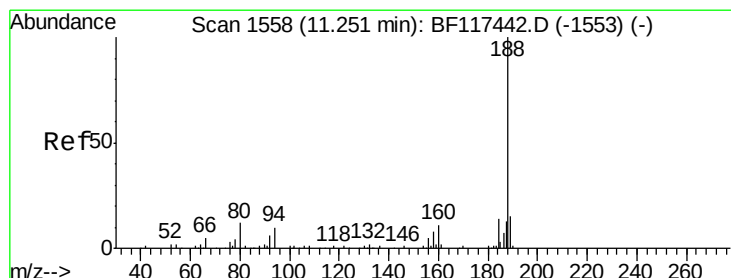
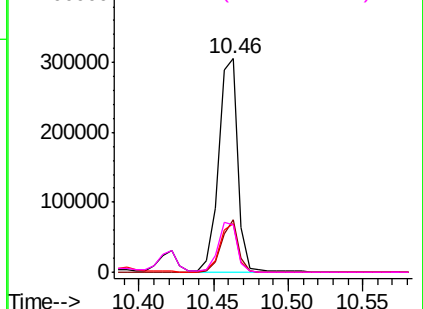
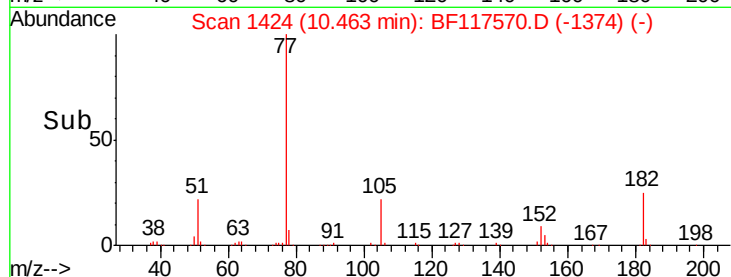
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.4	2.3	42.3	
105	22.8	1.3	41.3	
51	22.5	3.5	43.5	

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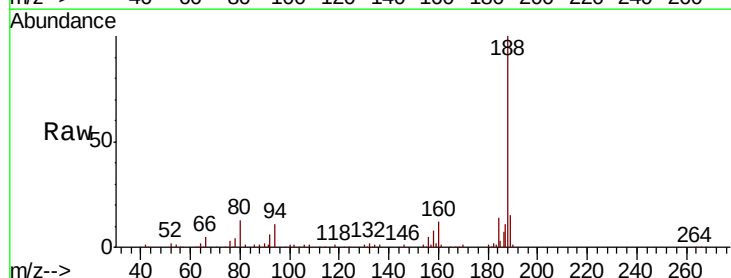


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

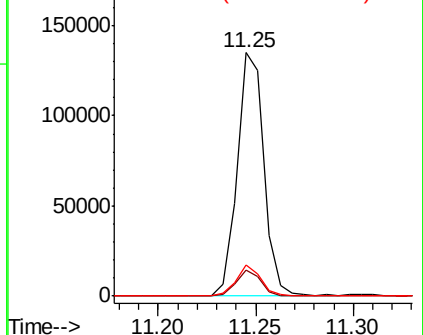
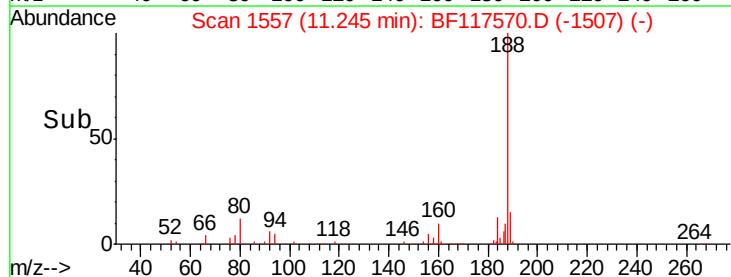


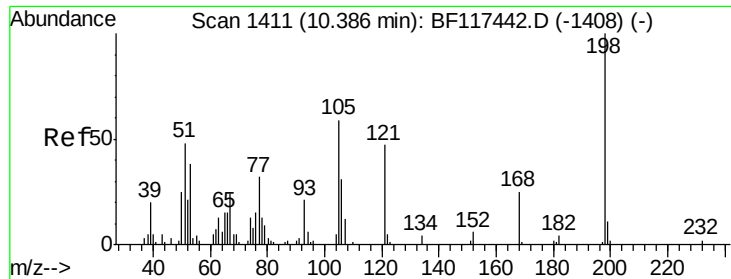
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.5	8.0	12.0	
80	12.9	9.5	14.3	



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





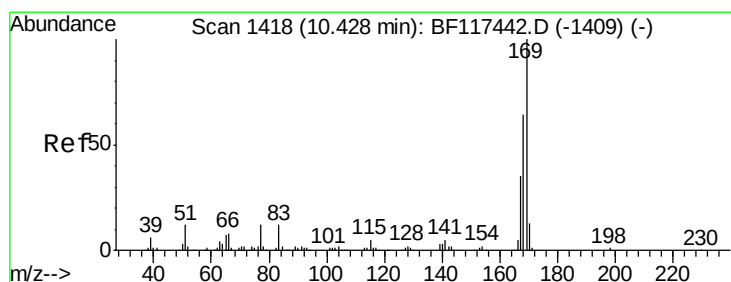
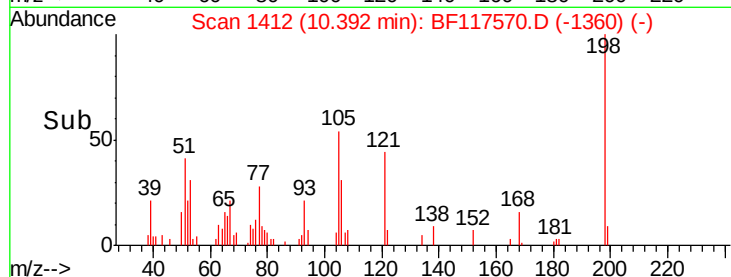
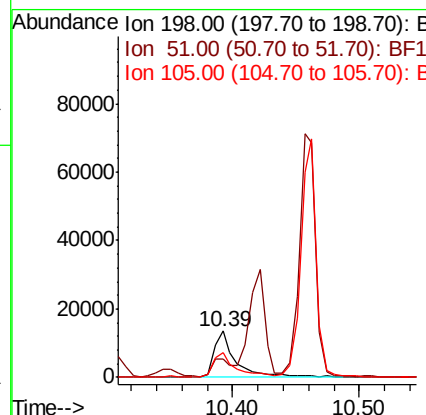
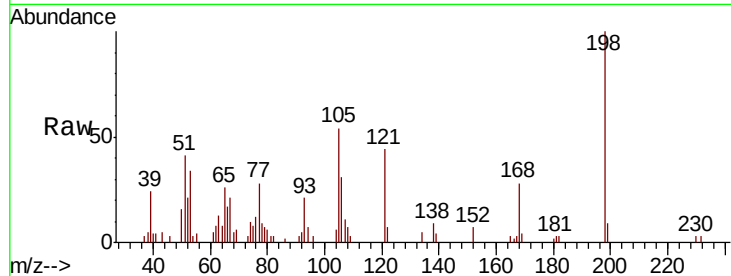
#65
 4,6-Dinitro-2-methylphenol
 Concen: 24.203 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: BF117570.D
 Acq: 28 Oct 2019 19:11

Instrument :
 BNA_F
 ClientSampleId :
 184-40-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
198	100	15749		
51	40.9	29.1	69.1	
105	54.3	39.4	79.4	

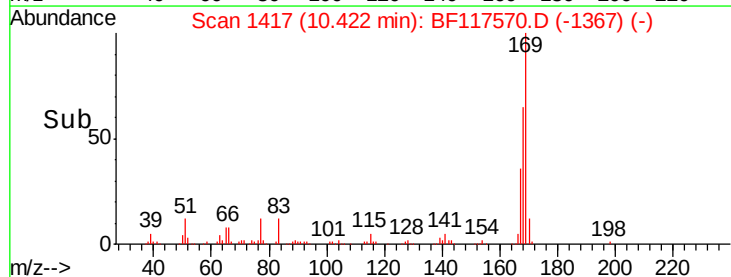
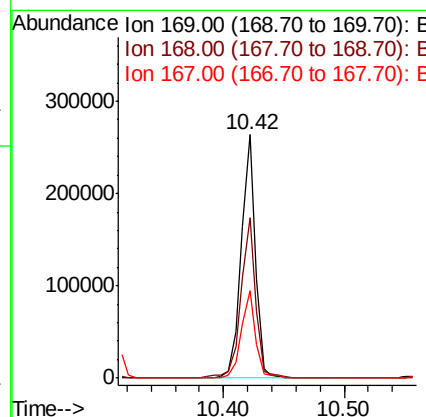
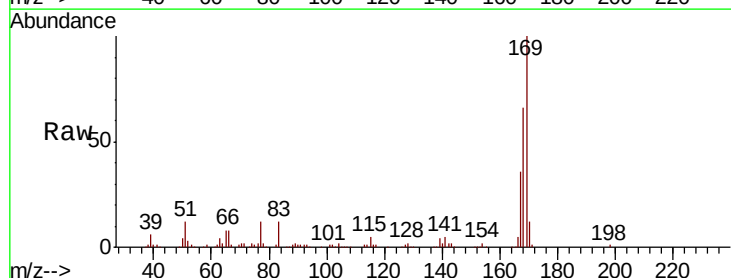
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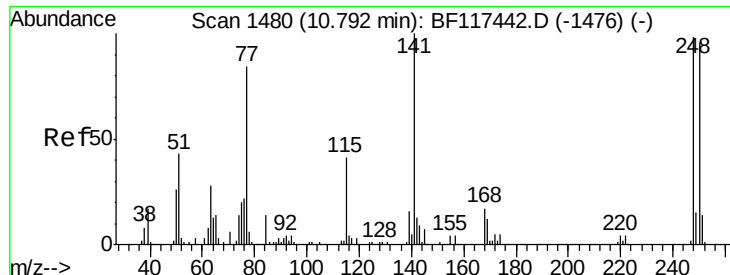
mohammad
 10/30/2019 4:51:25 PM



#66
 n-Nitrosodiphenylamine
 Concen: 46.560 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF117570.D
 Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	217850		
168	66.0	51.3	76.9	
167	35.9	28.2	42.4	





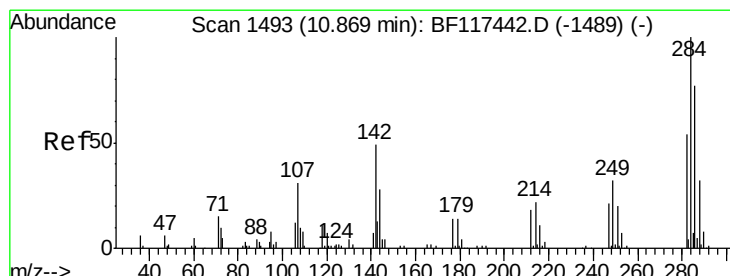
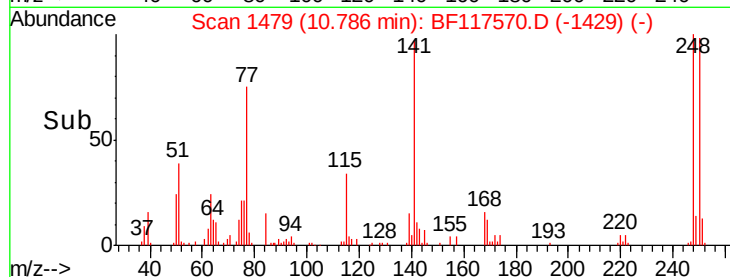
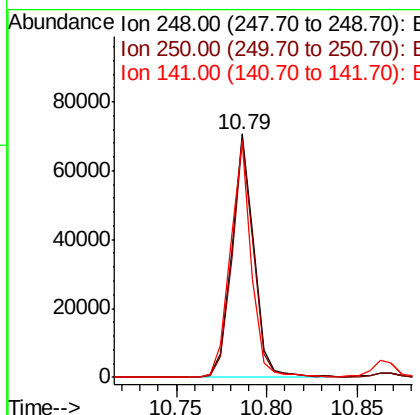
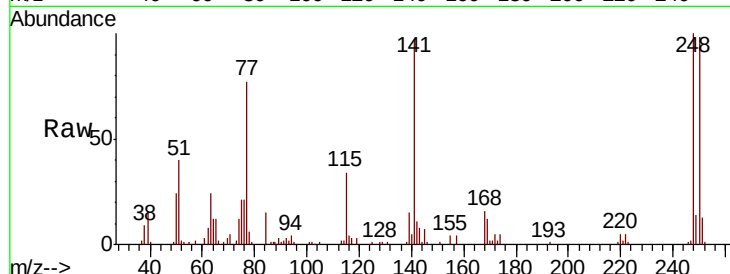
#67
 4-Bromophenyl-phenylether
 Concen: 43.646 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF117570.D
 Acq: 28 Oct 2019 19:11

Instrument :
 BNA_F
 ClientSampleId :
 184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.0	117.0
141	96.8	81.7	122.5

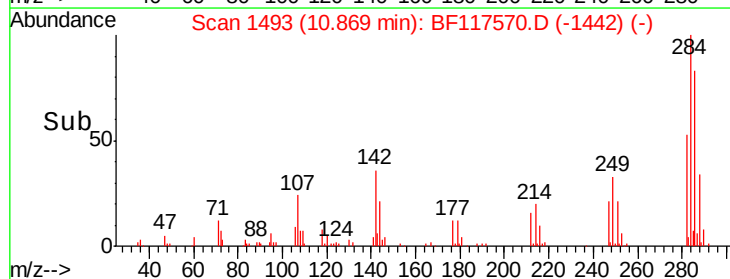
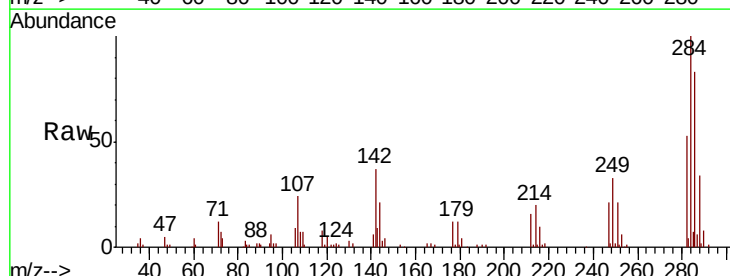
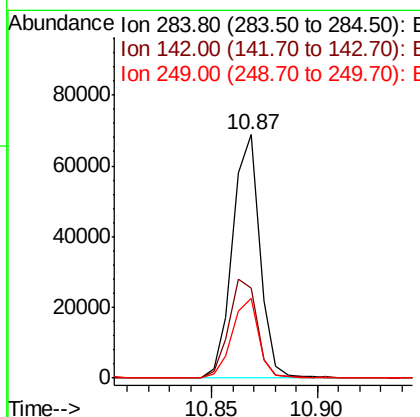
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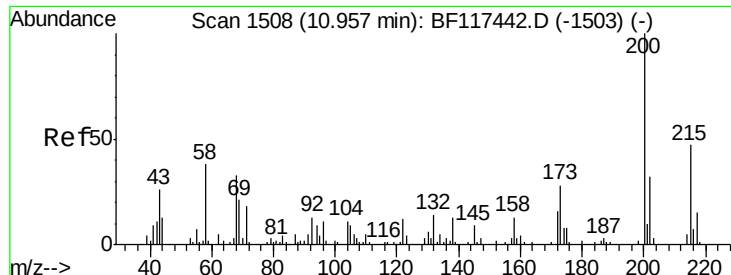
mohammad
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#68
 Hexachlorobenzene
 Concen: 41.479 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF117570.D
 Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	39.0	58.6#
249	32.8	25.7	38.5





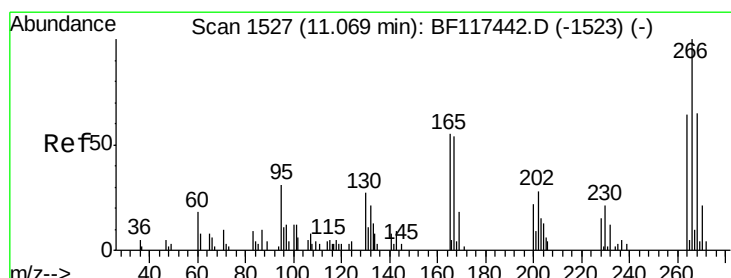
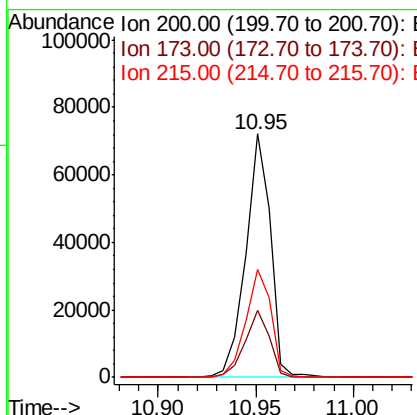
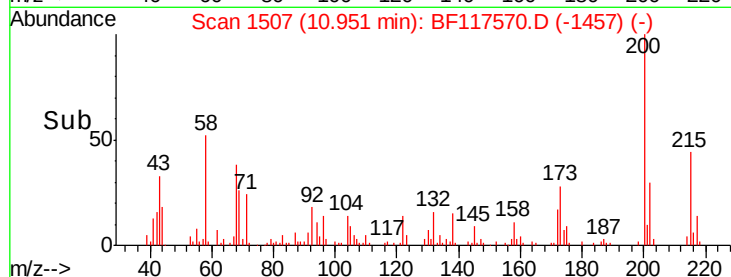
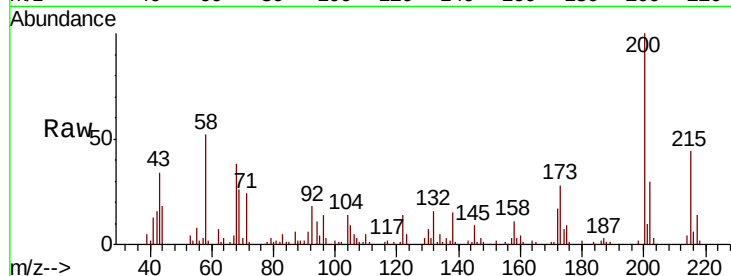
#69
Atrazine
Concen: 53.155 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
200	100	63277		
173	27.6	8.2	48.2	
215	44.4	26.8	66.8	

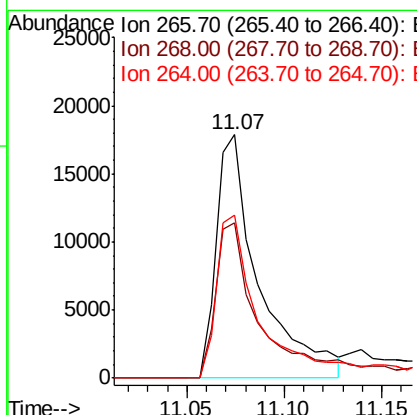
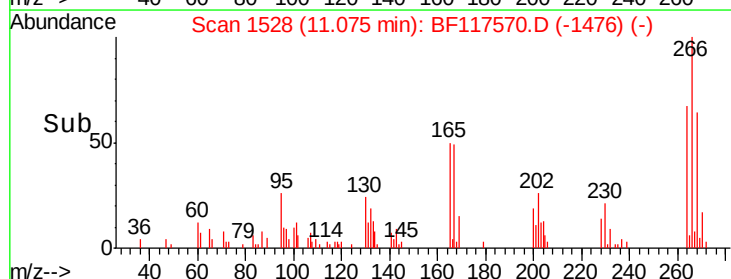
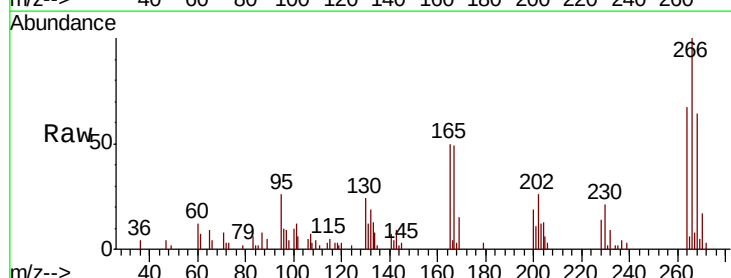
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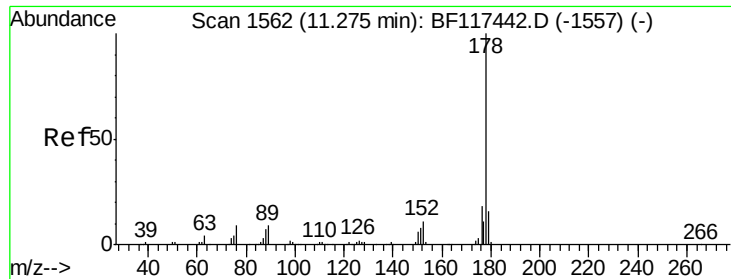
mohammad
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#70
Pentachlorophenol
Concen: 61.042 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	27016		
268	64.0	51.6	77.4	
264	67.0	51.4	77.2	





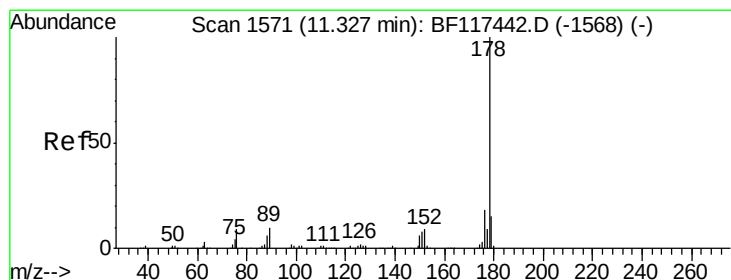
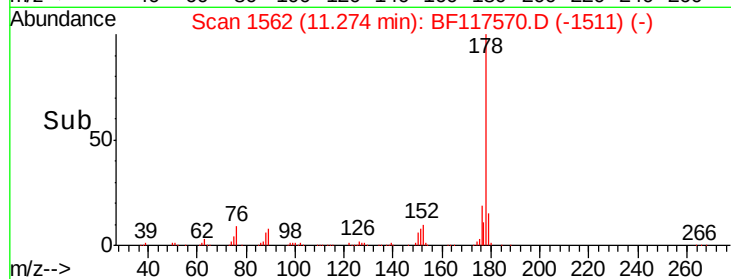
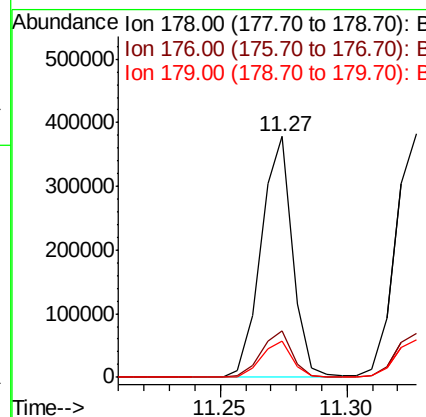
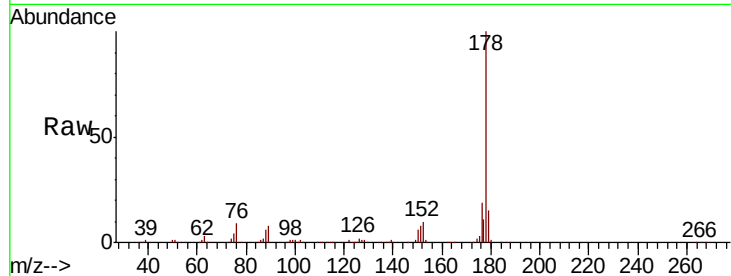
#71
Phenanthrene
Concen: 44.183 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	22.0
179	15.3	12.6	19.0

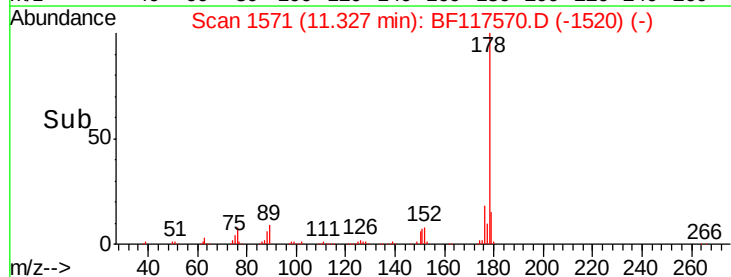
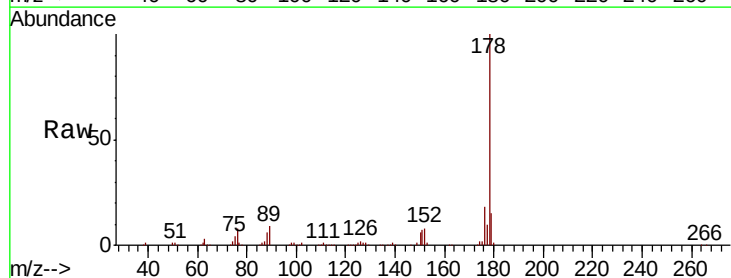
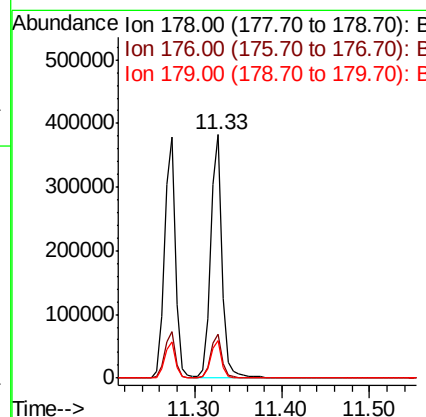
Manual Integrations
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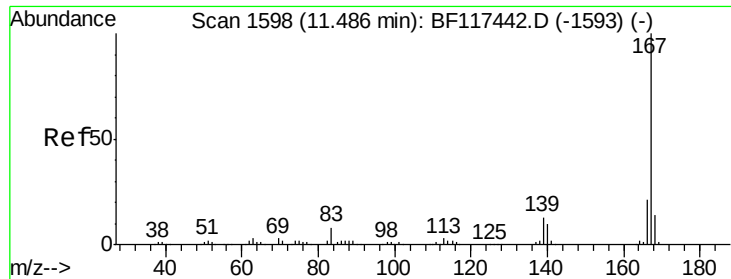
mohammad
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#72
Anthracene
Concen: 45.570 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	15.2	12.2	18.2





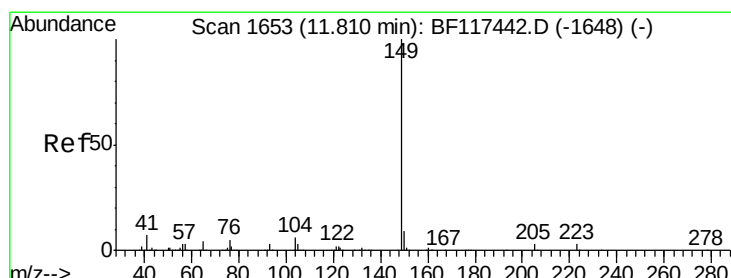
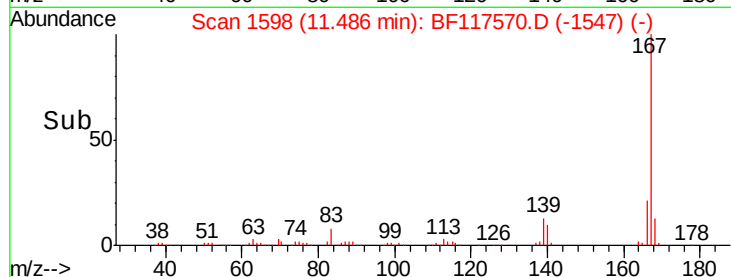
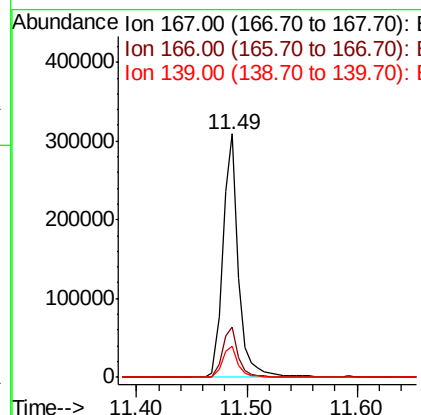
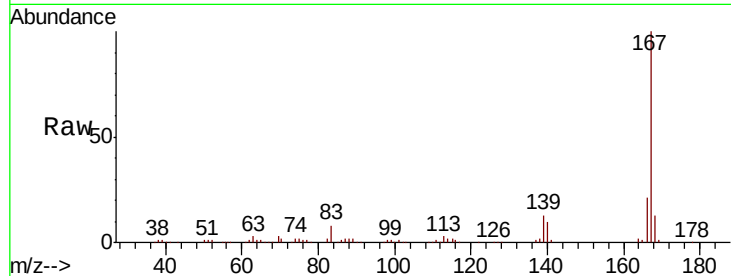
#73
 Carbazole
 Concen: 43.202 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117570.D
 Acq: 28 Oct 2019 19:11

Instrument :
 BNA_F
 ClientSampleId :
 184-40-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	20.8	17.0	25.6	
139	12.8	10.6	16.0	

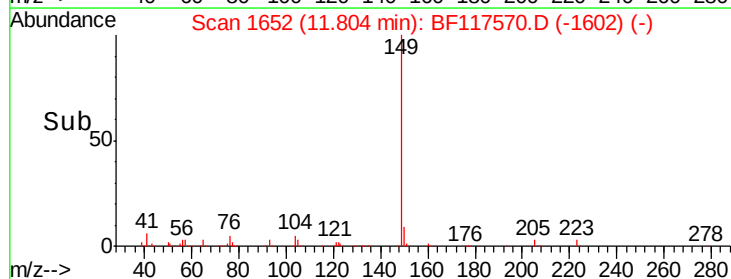
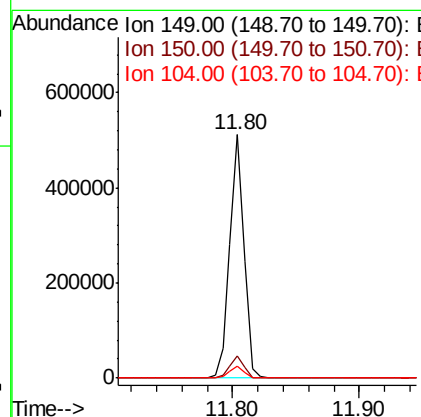
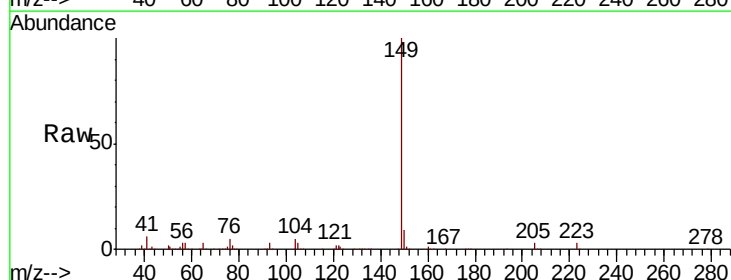
Manual Integrations
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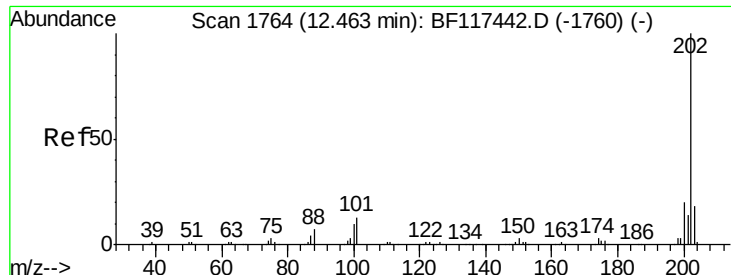
mohammad
 10/30/2019 4:51:25 PM



#74
 Di-n-butylphthalate
 Concen: 43.086 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BF117570.D
 Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.1	7.5	11.3	
104	5.1	4.6	6.8	





#75

Fluoranthene

Concen: 38.360 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF117570.D

Acq: 28 Oct 2019 19:11

Instrument :

BNA_F

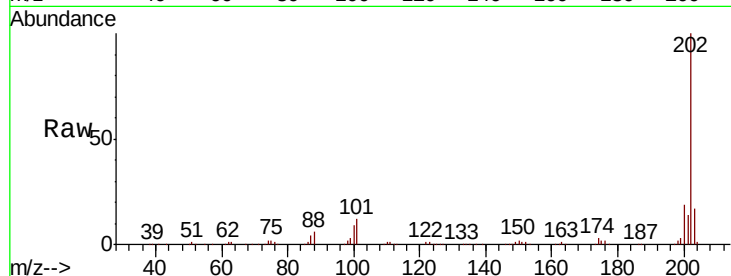
ClientSampleId :

184-40-(0-2)

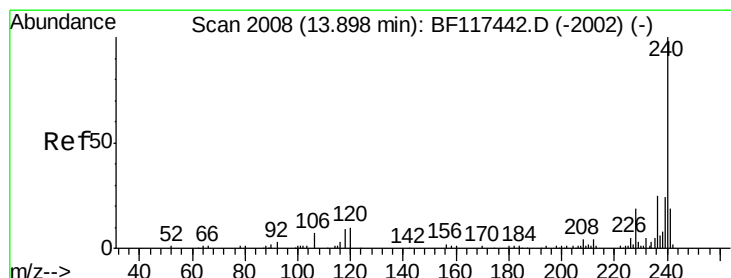
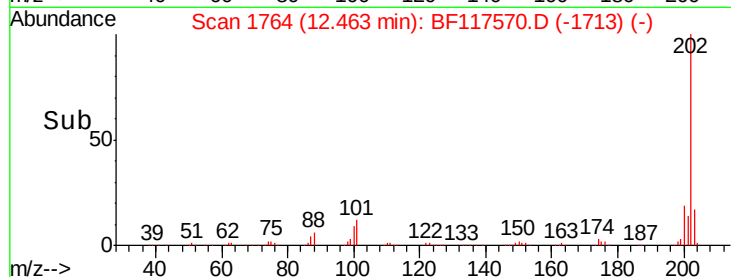
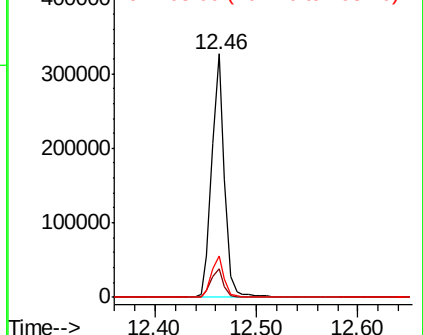
Tot Ion	Ratio	Resp	Lower	Upper
202	100	285382		
101	11.8	0.0	32.7	
203	17.1	0.0	37.6	

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



#76

Chrysene-d12

Concen: 20.000 ng

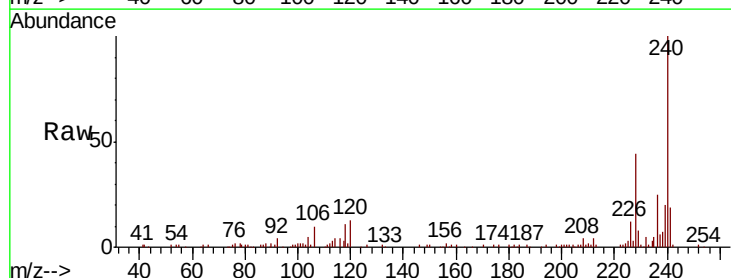
RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

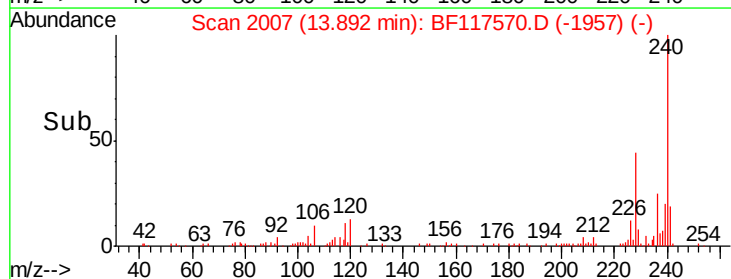
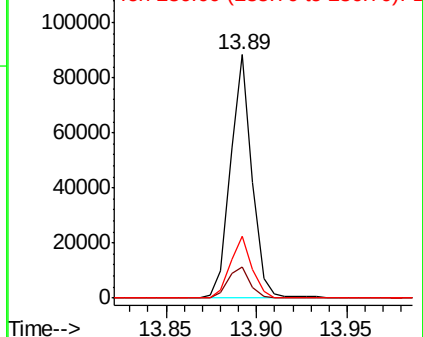
Lab File: BF117570.D

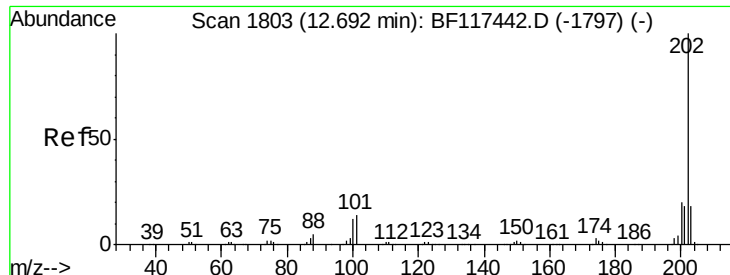
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	72987		
120	12.5	8.4	12.6	
236	25.3	20.0	30.0	



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





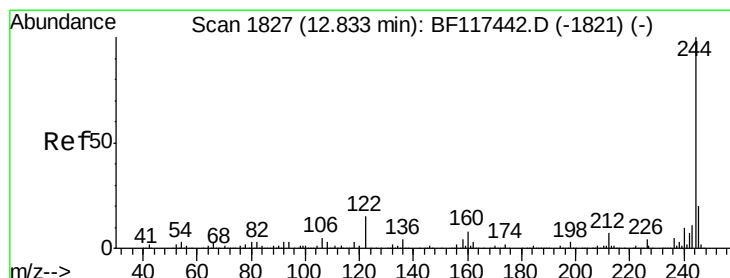
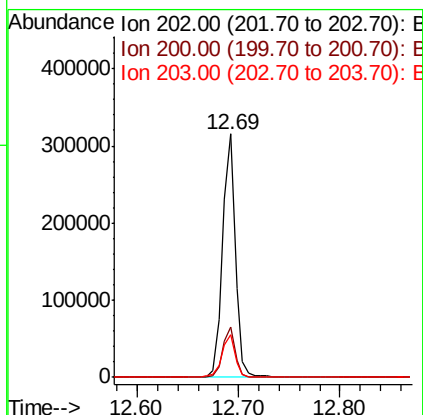
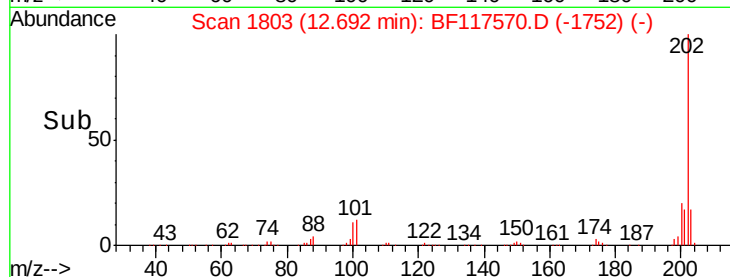
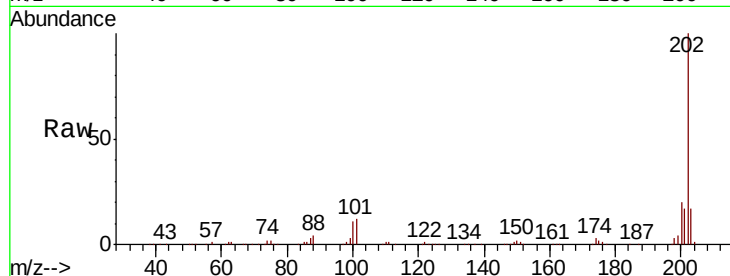
#78
Pvrene
Concen: 44.298 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	17.3	14.0	21.0

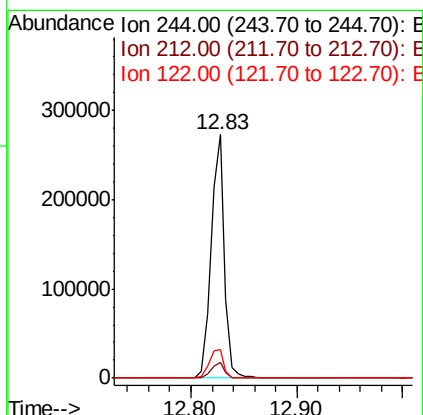
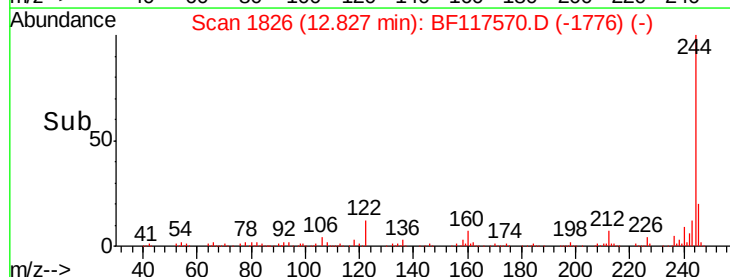
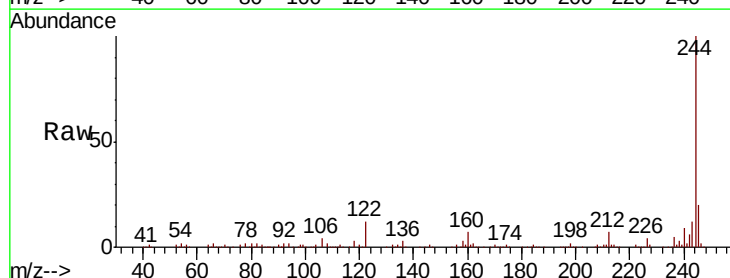
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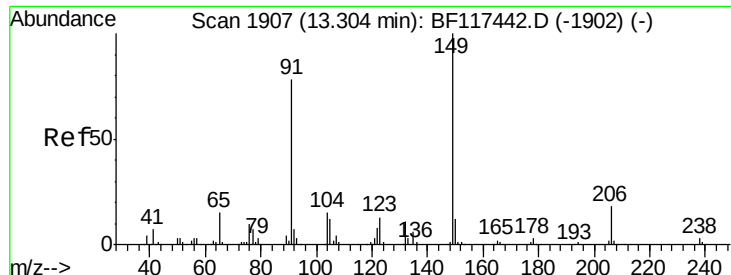
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#79
Terphenyl-d14
Concen: 54.025 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	11.8	11.8	17.8#





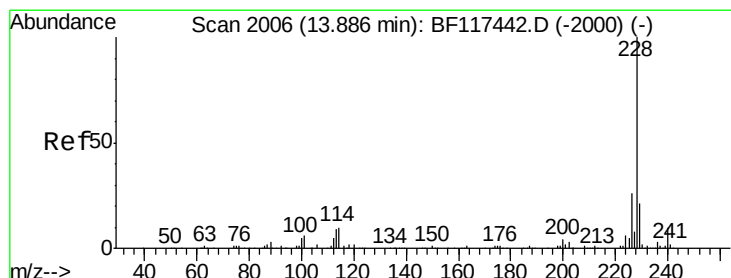
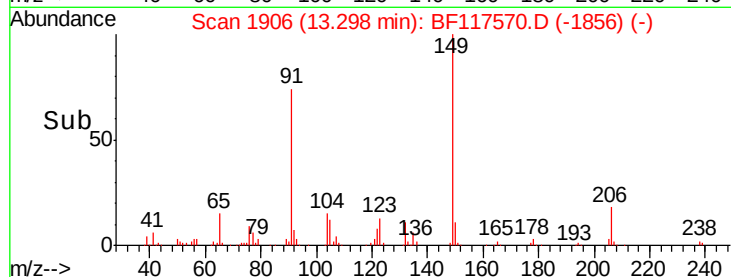
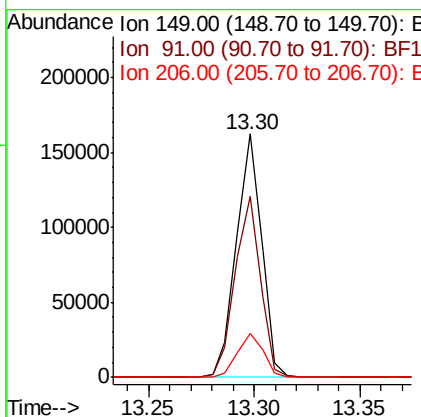
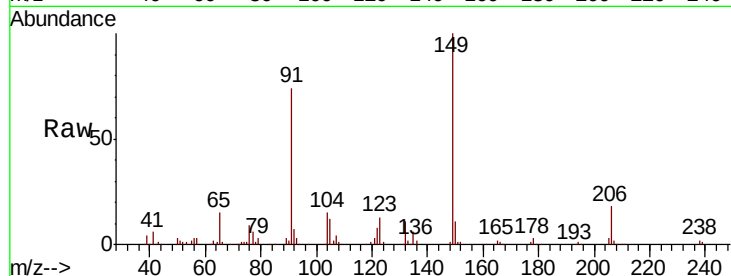
#80
Butylbenzylphthalate
Concen: 43.249 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
149	100	134924		
91	74.4	62.1	93.1	
206	17.9	14.3	21.5	

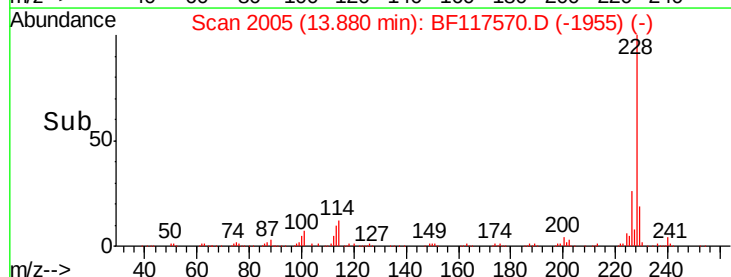
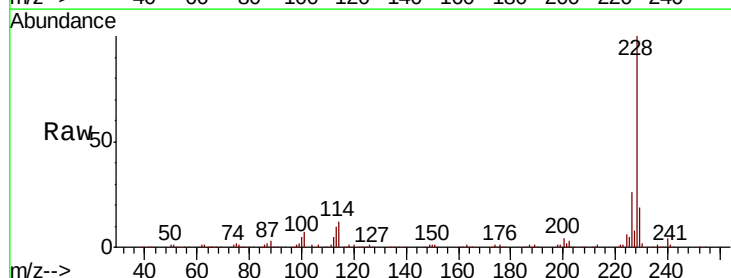
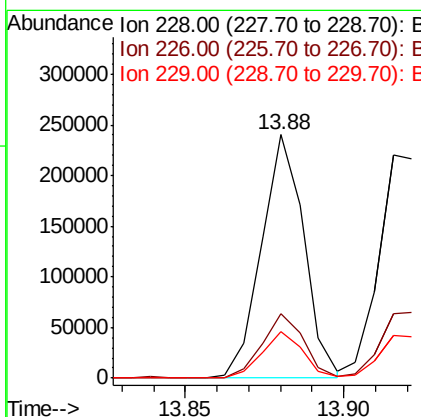
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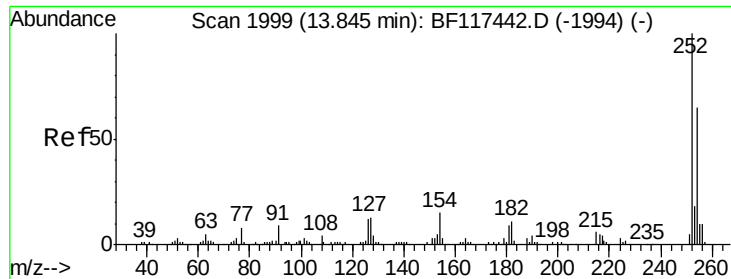
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#81
Benzo(a)anthracene
Concen: 45.404 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	223535		
226	26.4	21.0	31.4	
229	19.3	16.4	24.6	





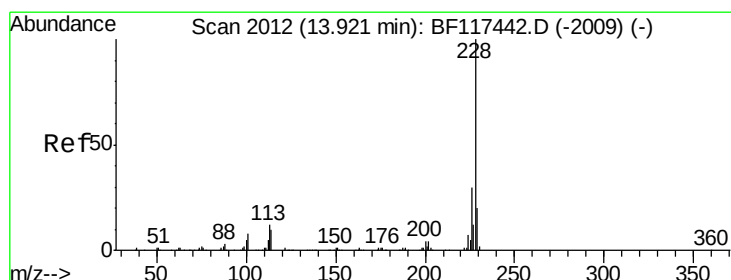
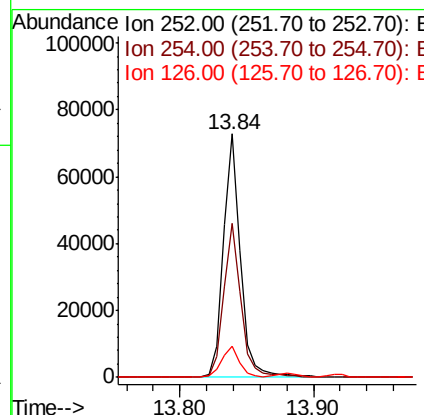
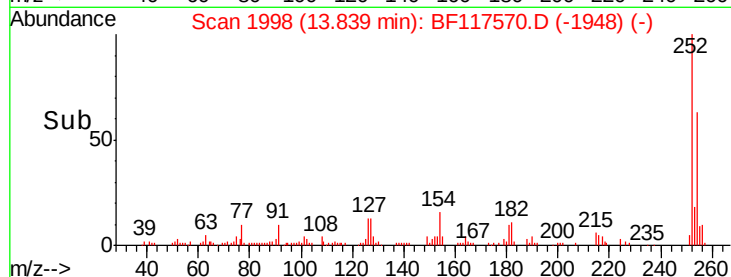
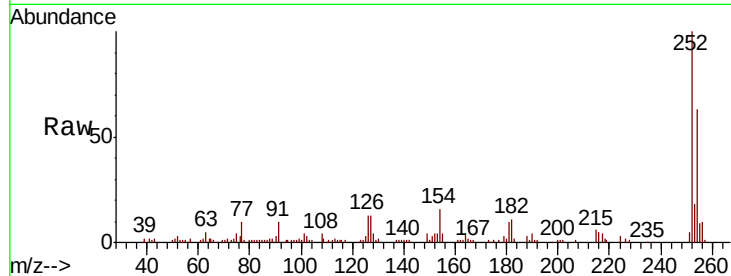
#82
 3,3'-Dichlorobenzidine
 Concen: 42.766 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF117570.D
 Acq: 28 Oct 2019 19:11

Instrument :
 BNA_F
 ClientSampleId :
 184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.2	78.4
126	12.6	9.2	13.8

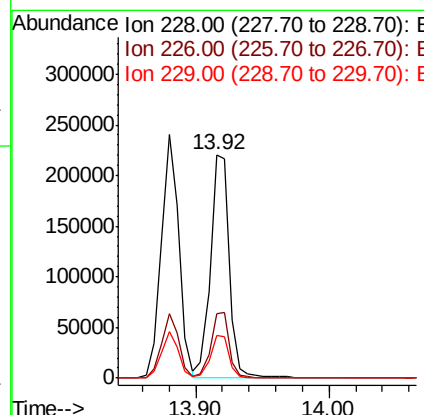
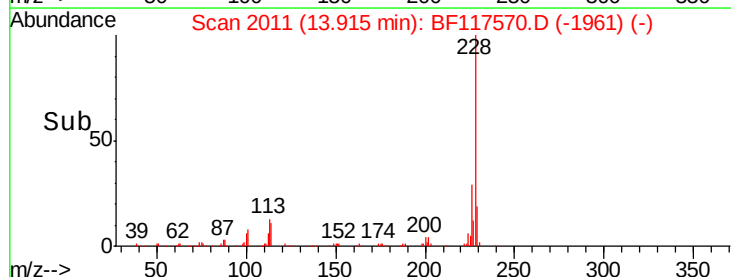
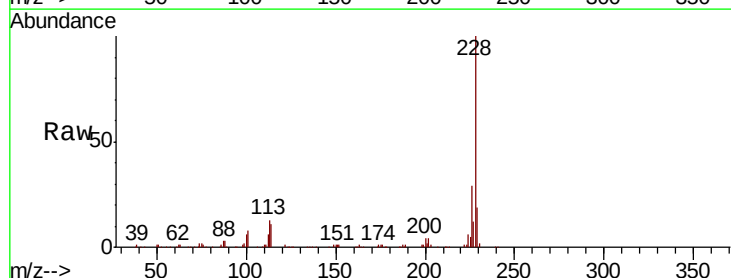
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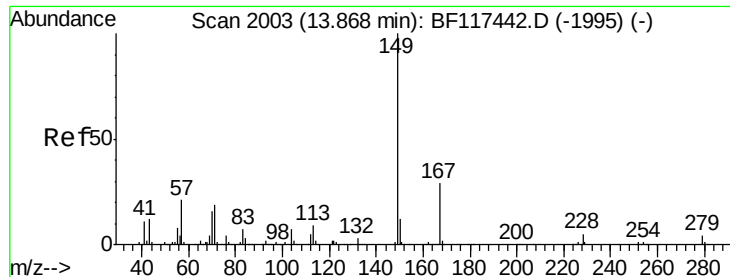
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#83
 Chrysene
 Concen: 45.317 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF117570.D
 Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.9	35.9
229	19.2	15.8	23.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 42.540 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF117570.D

Acq: 28 Oct 2019 19:11

Instrument :

BNA_F

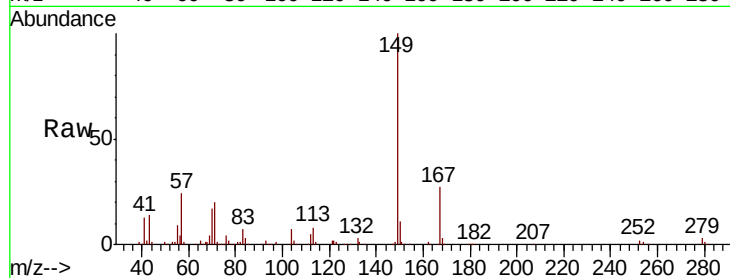
ClientSampleId :

184-40-(0-2)

Tot Ion:	149	Resp:	185902
Ion Ratio		Lower	Upper
149	100		
167	27.2	23.3	34.9
279	3.2	3.2	4.8#

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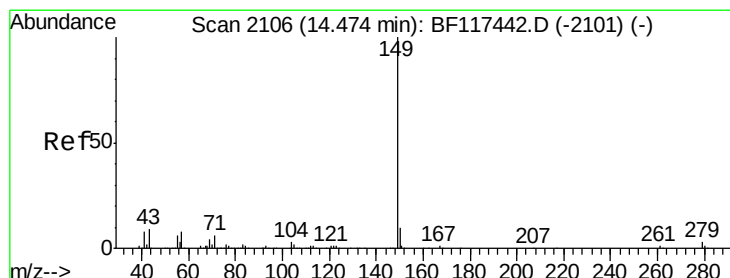
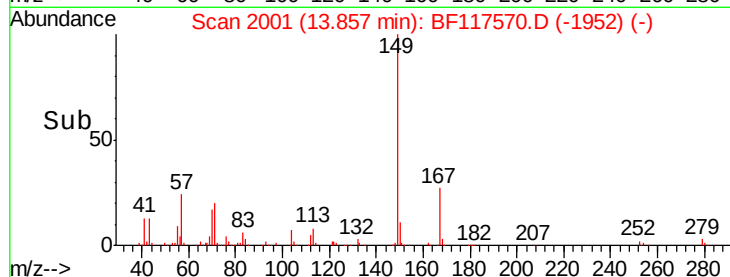
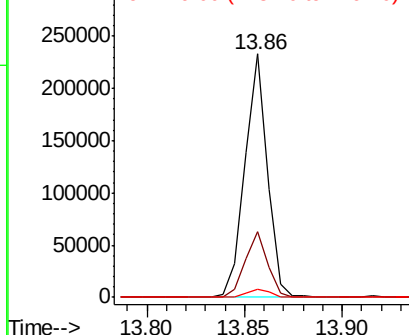


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 44.094 ng

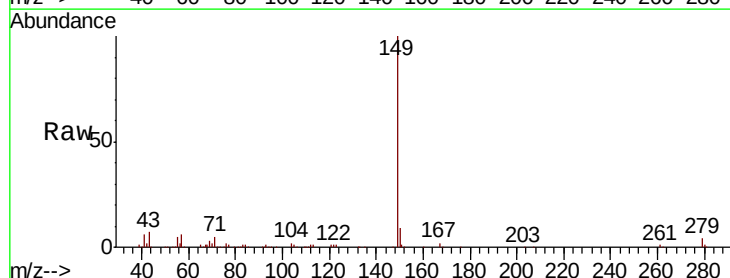
RT: 14.47 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BF117570.D

Acq: 28 Oct 2019 19:11

Tgt Ion:	149	Resp:	296271
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.0	6.8	10.2

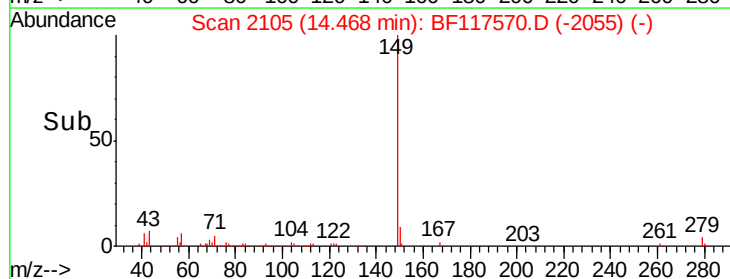
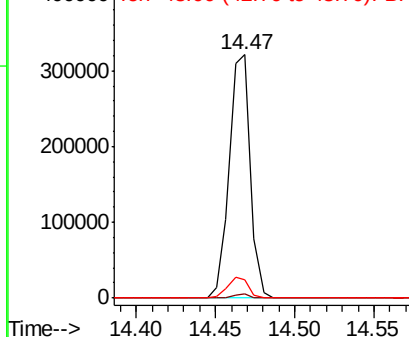


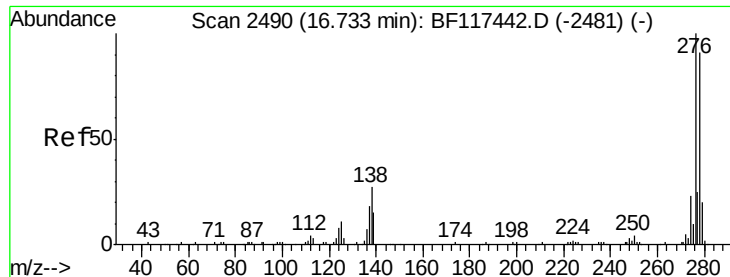
Abundance

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





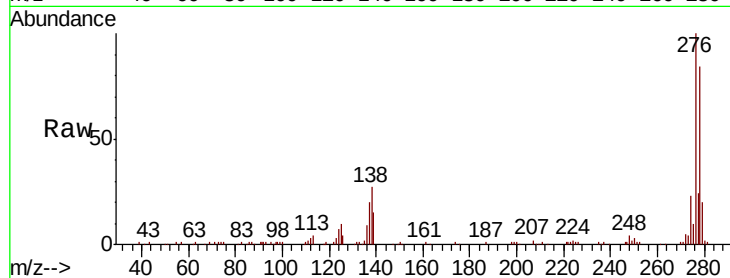
#86
Indeno(1,2,3-cd)pyrene
Concen: 50.004 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
276	100	180139		
138	28.2		21.8	32.8
277	24.6		20.0	30.0

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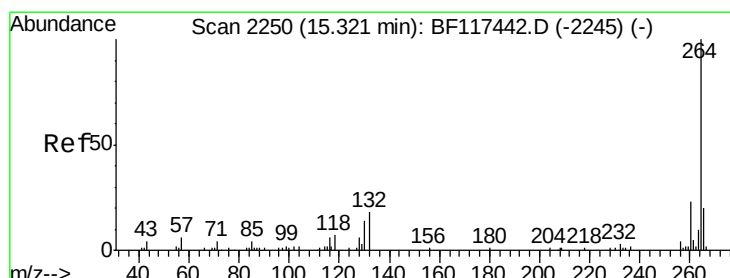
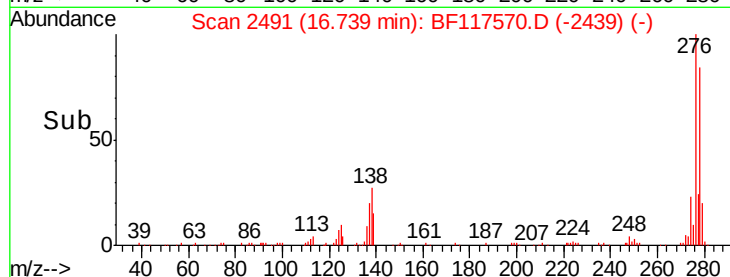
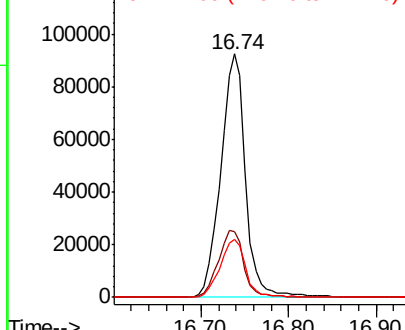


Abundance

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
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

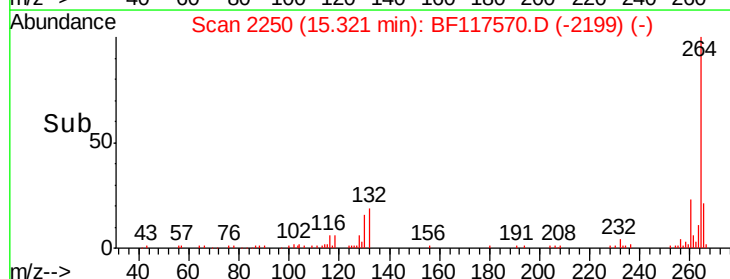
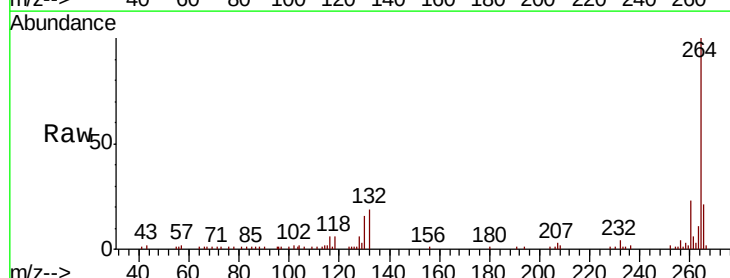
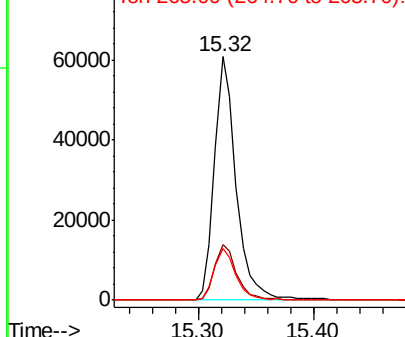
Tgt Ion	Ratio	Resp	Lower	Upper
264	100	79873		
260	23.0		18.4	27.6
265	21.2		16.1	24.1

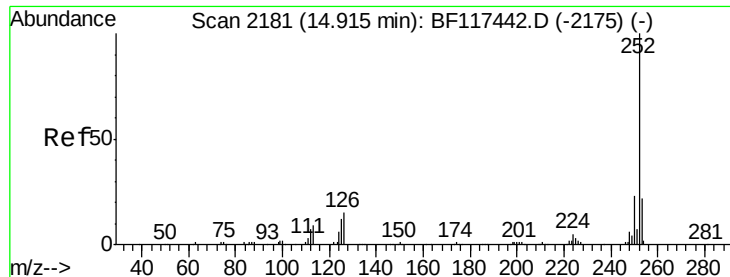
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 43.463 ng

RT: 14.92 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BF117570.D

Acq: 28 Oct 2019 19:11

Instrument :

BNA_F

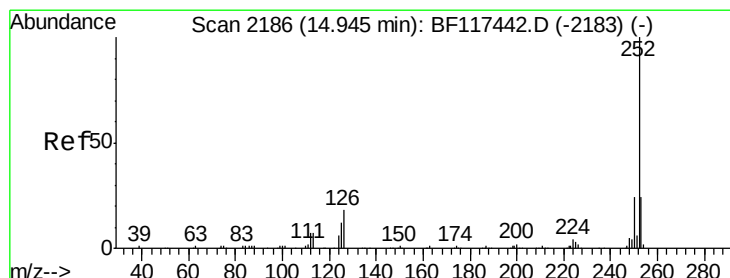
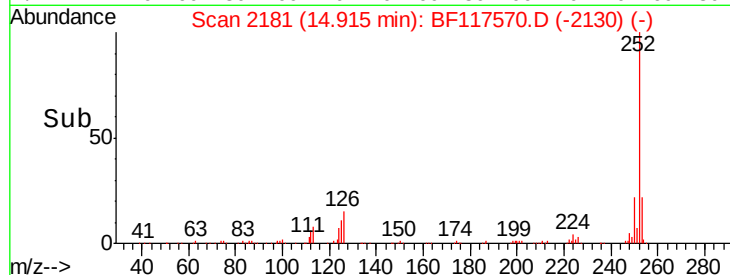
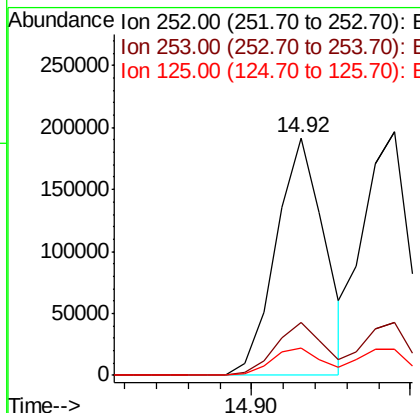
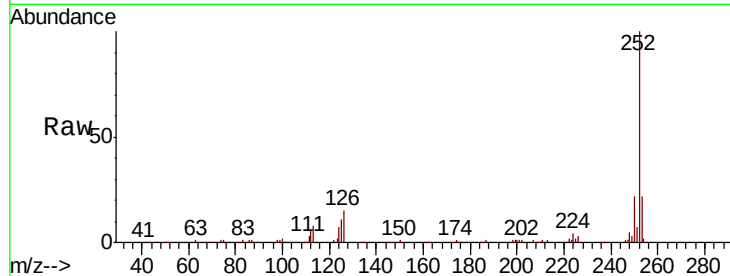
ClientSampleId :

184-40-(0-2)

Tot Ion:	252	Resp:	204998
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	11.5	9.9	14.9

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#89

Benzo(k)fluoranthene

Concen: 43.072 ng

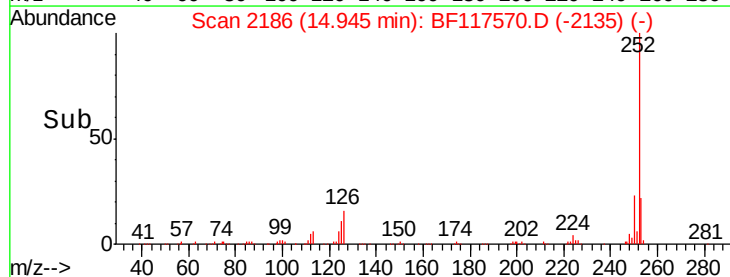
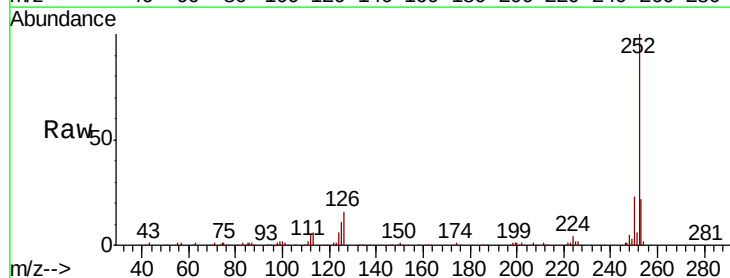
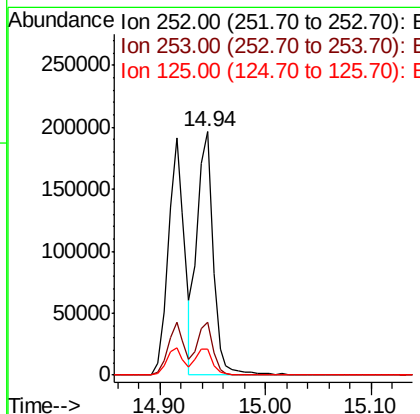
RT: 14.94 min Scan# 2186

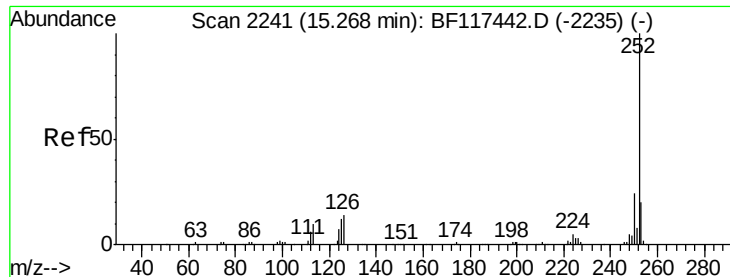
Delta R.T. -0.00 min

Lab File: BF117570.D

Acq: 28 Oct 2019 19:11

Tgt Ion:	252	Resp:	208220
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.0	27.0
125	10.9	8.9	13.3





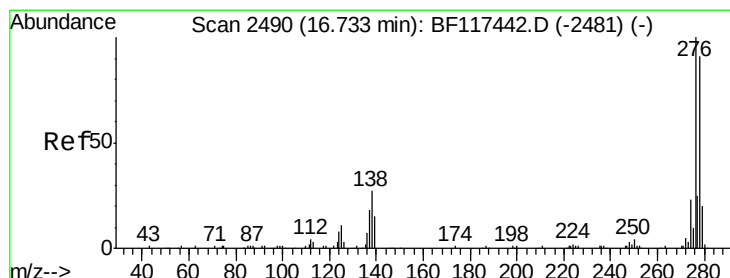
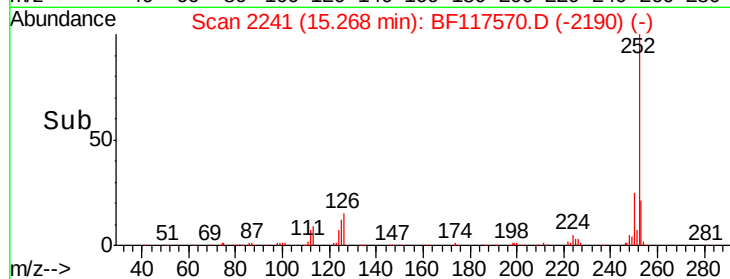
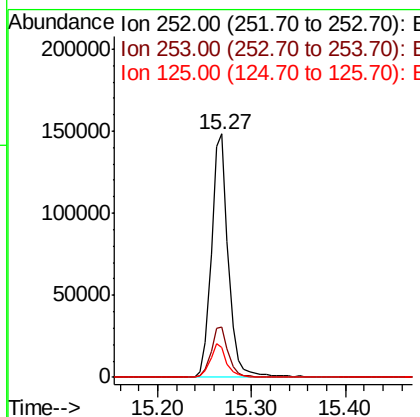
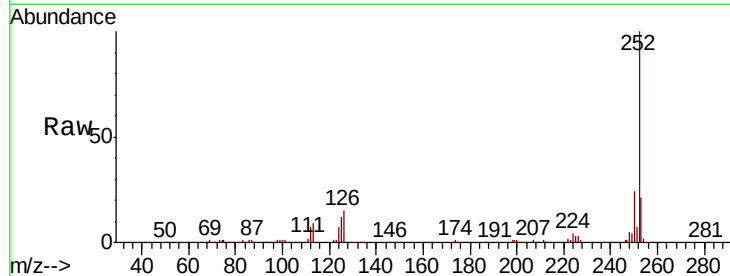
#90
Benzo(a)pyrene
Concen: 44.033 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	16.3	24.5
125	12.5	9.2	13.8

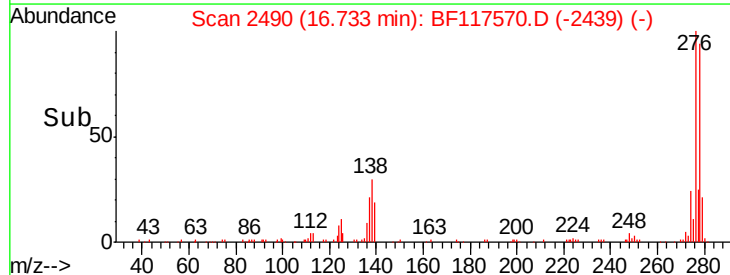
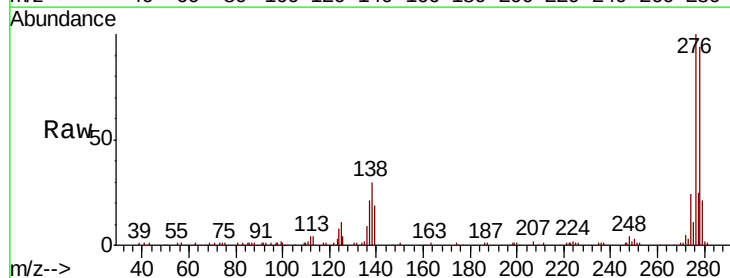
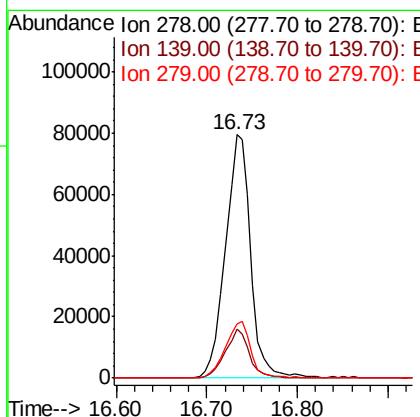
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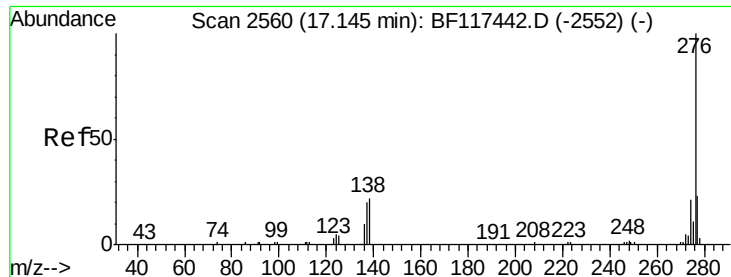
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#91
Dibenzo(a,h)anthracene
Concen: 41.564 ng
RT: 16.73 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BF117570.D
Acq: 28 Oct 2019 19:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	13.4	20.0#
279	22.2	17.8	26.6





#92
 Benzo(a,h,i)perylene
 Concen: 39.850 ng
 RT: 17.16 min Scan# 2562
 Delta R.T. 0.01 min
 Lab File: BF117570.D
 Acq: 28 Oct 2019 19:11

Instrument :
 BNA_F
 ClientSampleId :
 184-40-(0-2)

Tot Ion:	276	Resp:	139811
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.4	27.6
138	25.5	17.8	26.6

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