

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119198.D
 Acq On : 4 Mar 2020 16:53
 Operator : CG/JU
 Sample : L1739-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-007-ABCDMS

Manual Integrations
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 3/5/2020 3:54:31 PM

Quant Time: Mar 05 05:53:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	130511	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	504060	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	273490	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	438719	20.00	ng	0.00
76) Chrysene-d12	13.90	240	232521	20.00	ng	0.00
87) Perylene-d12	15.33	264	266291	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	886695	113.54	ng	0.02
7) Phenol-d6	6.41	99	1064323	112.06	ng	0.00
23) Nitrobenzene-d5	7.31	82	732187	76.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	356618	99.68	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1450823	78.15	ng	0.00
79) Terphenyl-d14	12.84	244	1316435	97.47	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	127013	36.529	ng	96
3) Pyridine	3.24	79	321630	33.870	ng	100
4) n-Nitrosodimethylamine	3.18	42	135205	47.002	ng	94
6) Aniline	6.41	93	300647	25.654	ng	# 72
8) 2-Chlorophenol	6.54	128	418729	49.683	ng	100
9) Benzaldehyde	6.29	77	320831	50.559	ng	100
10) Phenol	6.42	94	482360	46.973	ng	81
11) bis(2-Chloroethyl)ether	6.47	93	377134	47.999	ng	97
12) 1,3-Dichlorobenzene	6.69	146	450772	44.625	ng	99
13) 1,4-Dichlorobenzene	6.76	146	454624	44.975	ng	100
14) 1,2-Dichlorobenzene	6.92	146	423077	45.892	ng	98
15) Benzyl Alcohol	6.90	79	345719	50.364	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	306068	44.969	ng	# 22
17) 2-Methylphenol	7.02	107	329135	48.168	ng	93
18) Hexachloroethane	7.25	117	153514	42.449	ng	99
19) n-Nitroso-di-n-propylamine	7.16	70	285928	51.664	ng	98
20) 3+4-Methylphenols	7.18	107	441014	52.681	ng	# 85
22) Acetophenone	7.16	105	568492	48.745	ng	# 95
24) Nitrobenzene	7.33	77	429200	45.463	ng	97
25) Isophorone	7.57	82	770716	46.486	ng	99
26) 2-Nitrophenol	7.65	139	224839	44.949	ng	98
27) 2,4-Dimethylphenol	7.70	122	353602	52.087	ng	100
28) bis(2-Chloroethoxy)methane	7.77	93	472327	43.768	ng	99
29) 2,4-Dichlorophenol	7.90	162	359678	45.005	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	399677	42.180	ng	99
31) Naphthalene	8.05	128	1181521	45.197	ng	99
32) Benzoic acid	7.87	122	225303	45.834	ng	98
33) 4-Chloroaniline	8.10	127	159722	14.206	ng	96
34) Hexachlorobutadiene	8.16	225	248539	42.109	ng	98
35) Caprolactam	8.49	113	103796m	42.179	ng	
36) 4-Chloro-3-methylphenol	8.61	107	376588	46.560	ng	100
37) 2-Methylnaphthalene	8.74	142	810312	46.060	ng	98
38) 1-Methylnaphthalene	8.84	142	751621	45.429	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	399691	43.346	ng	100

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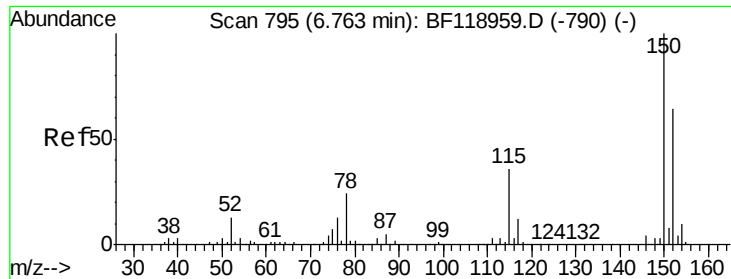
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	93367	33.945	nq	100
43) 2,4,6-Trichlorophenol	9.03	196	260032	44.656	nq	97
44) 2,4,5-Trichlorophenol	9.08	196	259865	42.528	nq	98
46) 1,1'-Biphenyl	9.20	154	964800	43.649	nq	99
47) 2-Chloronaphthalene	9.23	162	776497	43.594	nq	99
48) 2-Nitroaniline	9.33	65	218818	44.044	nq	97
49) Acenaphthylene	9.65	152	1153670	44.844	nq	99
50) Dimethylphthalate	9.50	163	1046374	50.034	nq	100
51) 2,6-Dinitrotoluene	9.57	165	207006	44.553	nq	95
52) Acenaphthene	9.82	154	682473	43.995	nq	100
53) 3-Nitroaniline	9.75	138	98217	19.068	nq	99
54) 2,4-Dinitrophenol	9.87	184	72021	36.388	nq	93
55) Dibenzofuran	9.99	168	1003195	43.328	nq	100
56) 4-Nitrophenol	9.94	139	183901	59.422	nq	95
57) 2,4-Dinitrotoluene	9.99	165	252957	42.002	nq	95
58) Fluorene	10.33	166	804693	44.726	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	210958	40.916	nq	99
60) Diethylphthalate	10.20	149	910017	46.174	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	428632	45.009	nq	99
62) 4-Nitroaniline	10.36	138	144515	27.422	nq	97
63) Azobenzene	10.48	77	773364	45.145	nq	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	70918	26.714	nq	98
66) n-Nitrosodiphenylamine	10.44	169	728766	50.731	nq	100
67) 4-Bromophenyl-phenylether	10.80	248	267137	46.583	nq	96
68) Hexachlorobenzene	10.89	284	291014	44.015	nq	96
69) Atrazine	10.97	200	234601	46.742	nq	100
70) Pentachlorophenol	11.09	266	210953	79.206	nq	99
71) Phenanthrene	11.29	178	1063184	44.437	nq	99
72) Anthracene	11.34	178	1114357	46.615	nq	98
73) Carbazole	11.50	167	910644	42.759	nq	99
74) Di-n-butylphthalate	11.82	149	1302689	50.510	nq	98
75) Fluoranthene	12.47	202	957010	37.683	nq	98
77) Benzidine	12.60	184	558450	59.055	nq	98
78) Pyrene	12.70	202	917110	49.119	nq	99
80) Butylbenzylphthalate	13.32	149	418804	53.295	nq	99
81) Benzo(a)anthracene	13.89	228	746319	47.107	nq	98
82) 3,3'-Dichlorobenzidine	13.85	252	259300	42.149	nq	98
83) Chrysene	13.93	228	707079	44.790	nq	97
84) Bis(2-ethylhexyl)phthalate	13.87	149	569271	57.342	nq	99
85) Di-n-octyl phthalate	14.48	149	862312	54.515	nq	99
86) Indeno(1,2,3-cd)pyrene	16.76	276	795830	52.064	nq	99
88) Benzo(b)fluoranthene	14.93	252	765370	43.605	nq	99
89) Benzo(k)fluoranthene	14.96	252	716683	44.060	nq	99
90) Benzo(a)pyrene	15.27	252	691269	43.637	nq	99
91) Dibenzo(a,h)anthracene	16.76	278	679290	48.734	nq	99
92) Benzo(g,h,i)perylene	17.17	276	620593	45.061	nq	99

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



#1

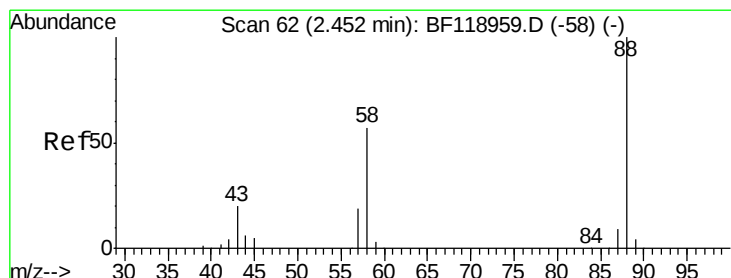
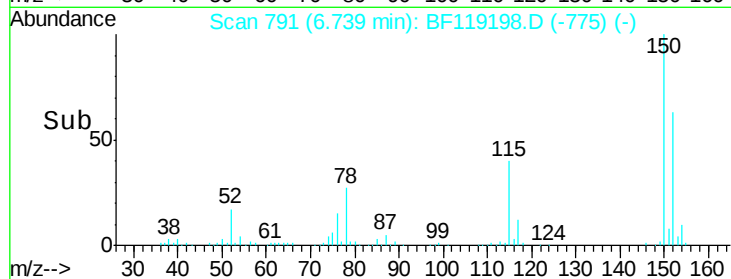
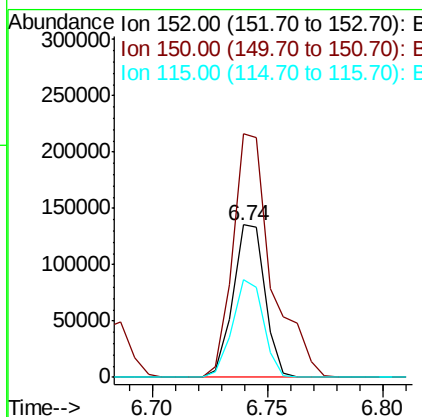
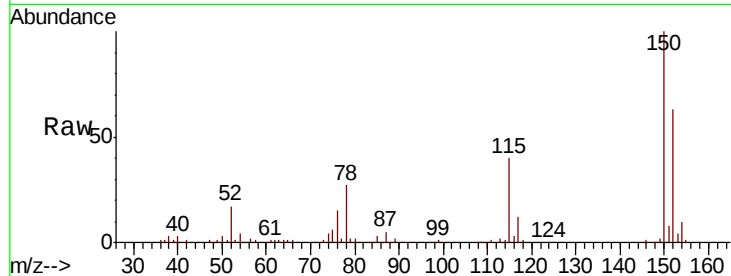
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	123.0	184.6
115	64.0	49.5	74.3

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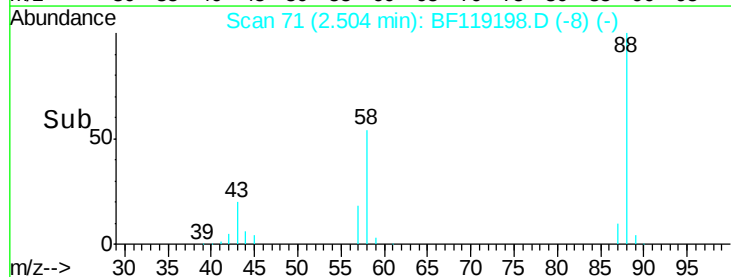
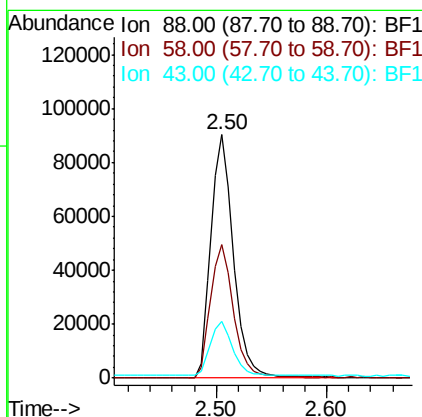
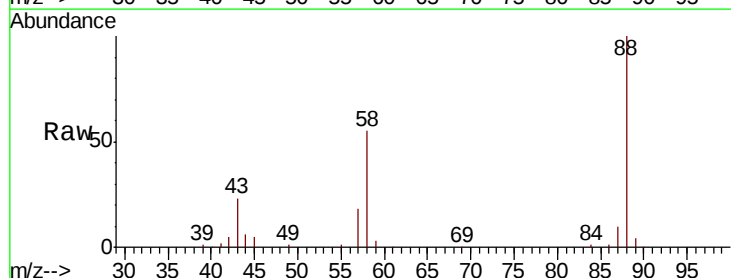
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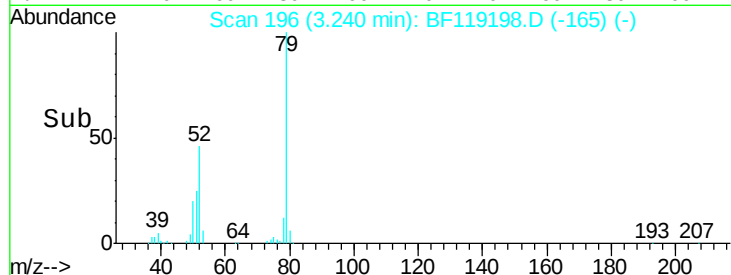
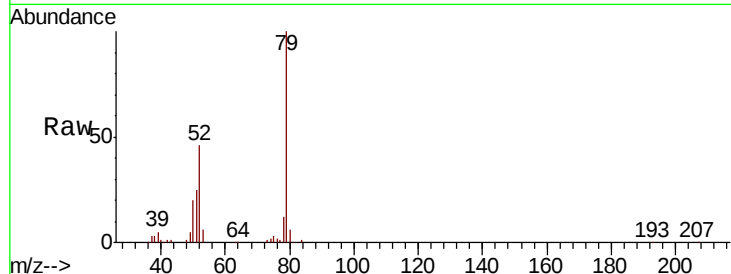
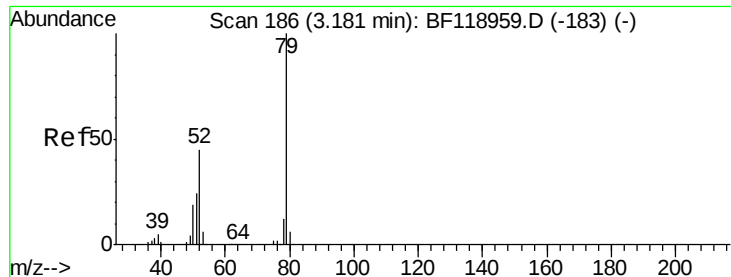


#2

1,4-Dioxane
Concen: 36.529 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.07 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.9	43.8	65.6
43	23.0	16.2	24.4





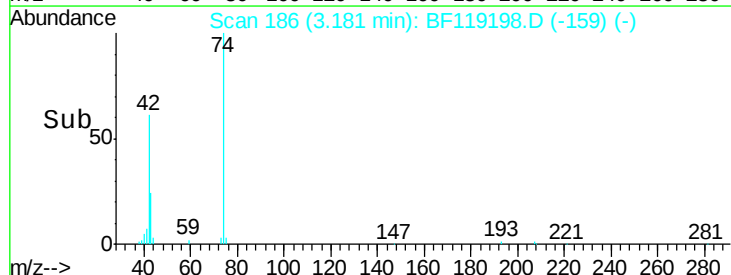
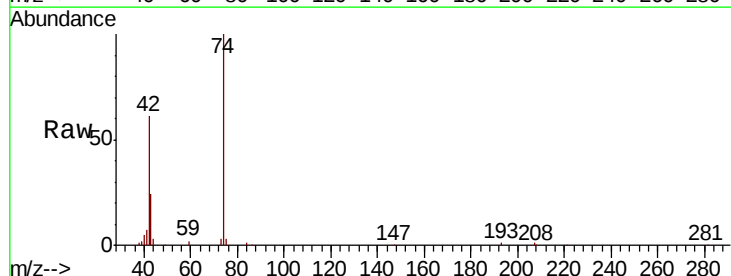
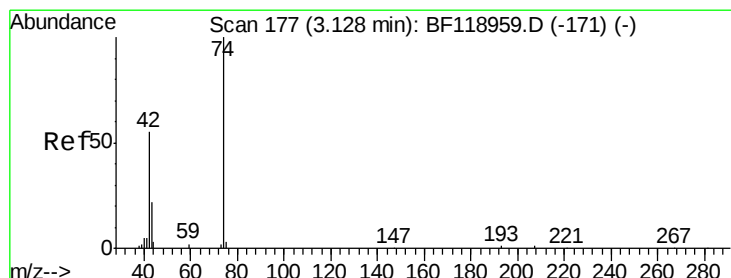
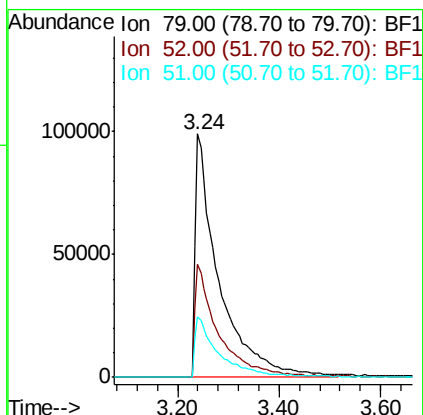
#3
 Pvridine
 Concen: 33.870 ng
 RT: 3.24 min Scan# 196
 Delta R.T. 0.08 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Tot Ion	Ratio	Lower	Upper
79	100		
52	46.4	37.4	56.0
51	24.9	19.8	29.6

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-007-ABCDMS

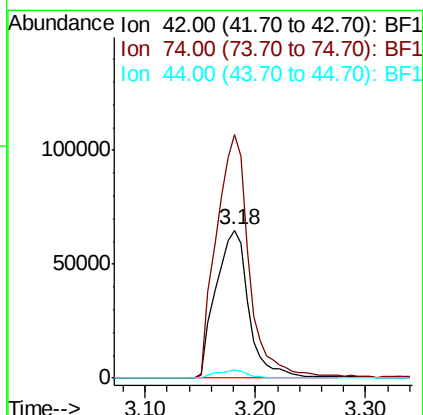
Manual Integrations
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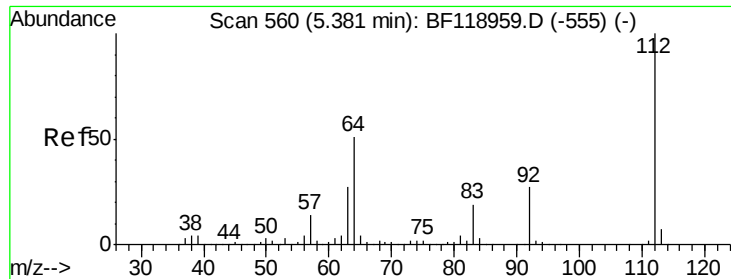
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#4
 n-Nitrosodimethylamine
 Concen: 47.002 ng
 RT: 3.18 min Scan# 186
 Delta R.T. 0.06 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	164.3	137.7	206.5
44	5.1	4.5	6.7





#5

2-Fluorophenol

Concen: 113.540 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.02 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

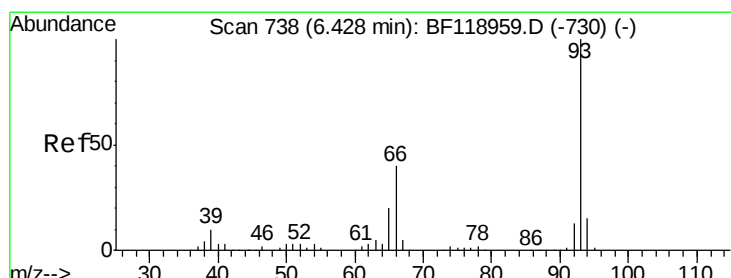
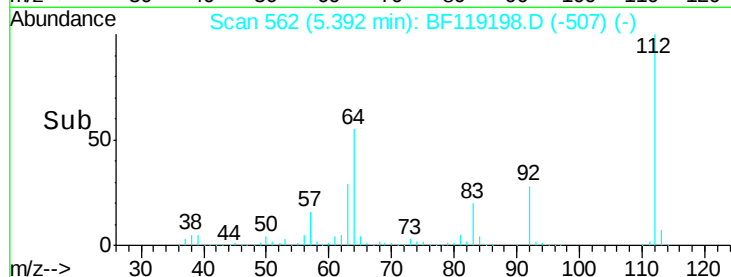
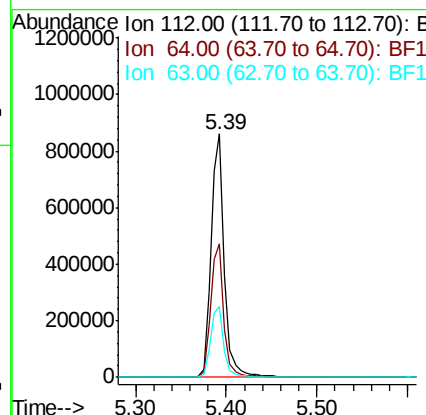
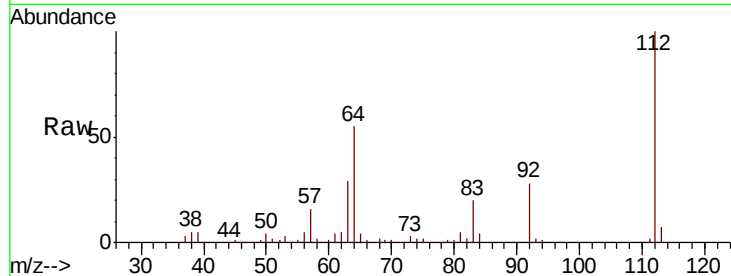
ClientSampleId :

FK-BPM-04-007-ABCDMS

Tot Ion:	112	Resp:	886695
Ion Ratio	Lower	Upper	
112	100		
64	54.8	45.0	67.4
63	28.9	24.2	36.4

Manual Integrations
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#6

Aniline

Concen: 25.654 ng

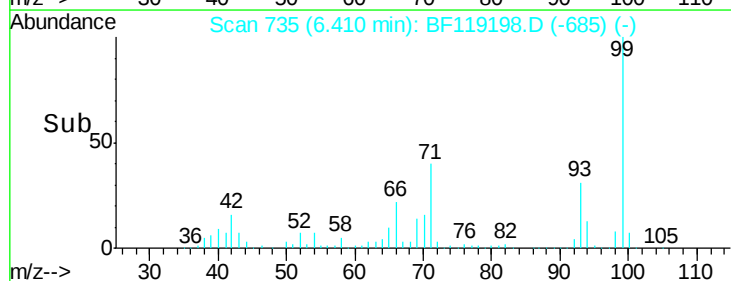
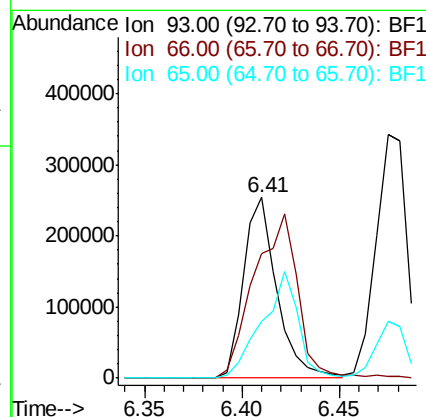
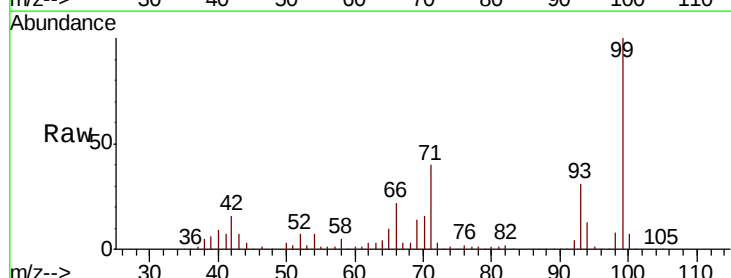
RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Tgt Ion:	93	Resp:	300647
Ion Ratio	Lower	Upper	
93	100		
66	69.3	74.5	111.7#
65	31.5	45.3	67.9#





#7

Phenol-d6

Concen: 112.060 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-007-ABCDMS

Tot Ion: 99 Resp: 1064323

Ion Ratio Lower Upper

99 100

42 16.1 12.6 18.8

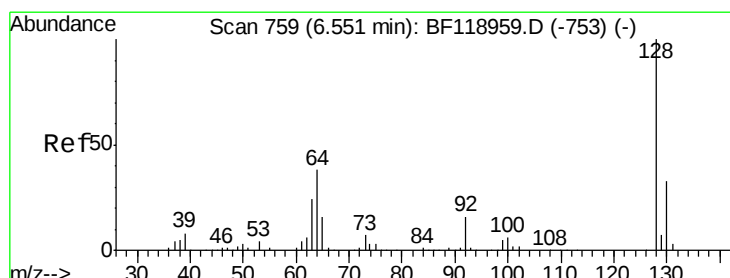
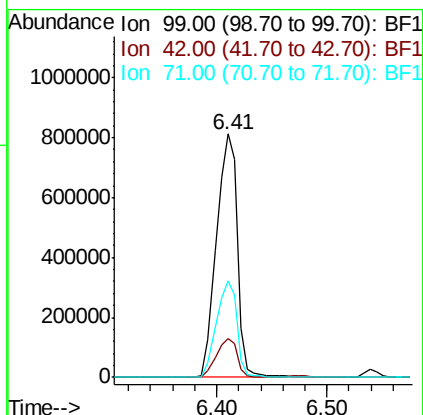
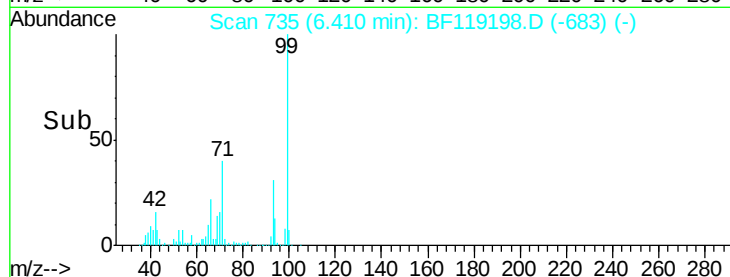
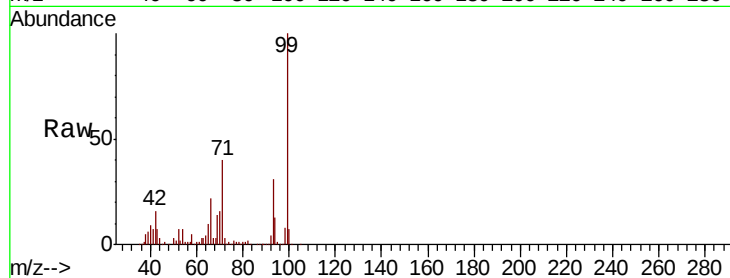
71 39.5 31.0 46.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 49.683 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

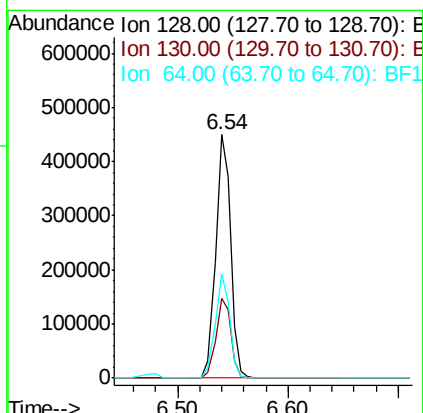
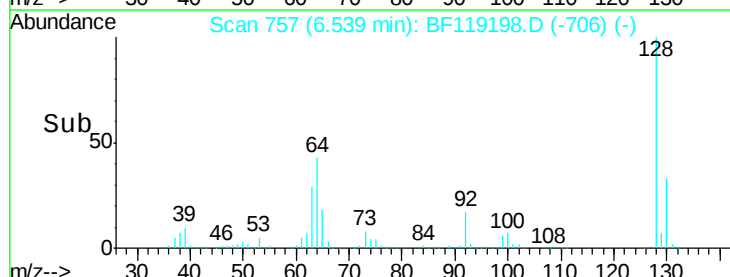
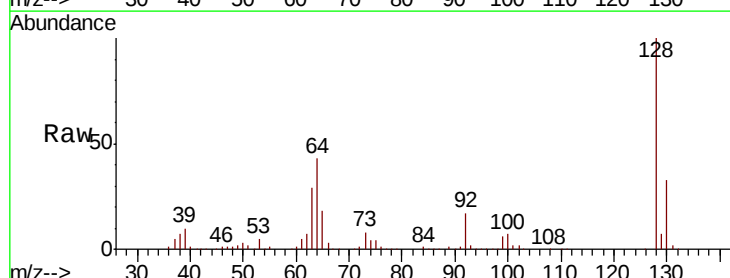
Tgt Ion:128 Resp: 418729

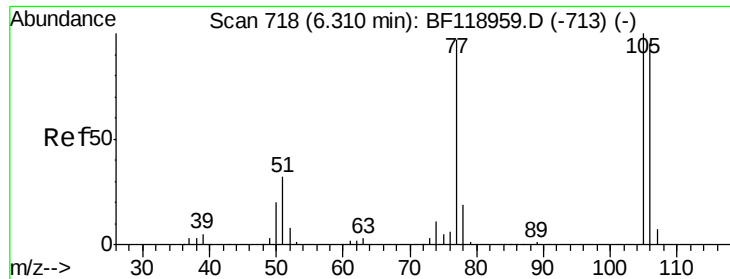
Ion Ratio Lower Upper

128 100

130 32.6 12.7 52.7

64 42.7 22.3 62.3





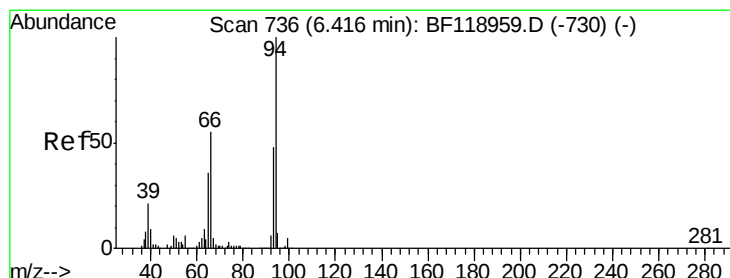
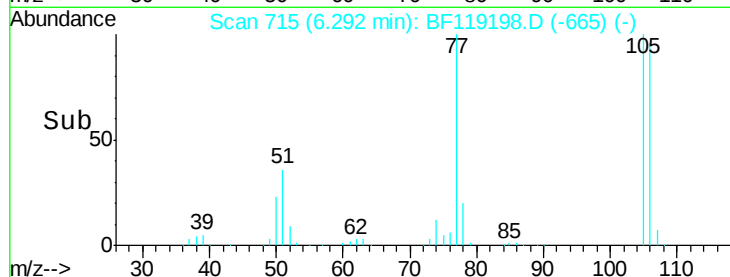
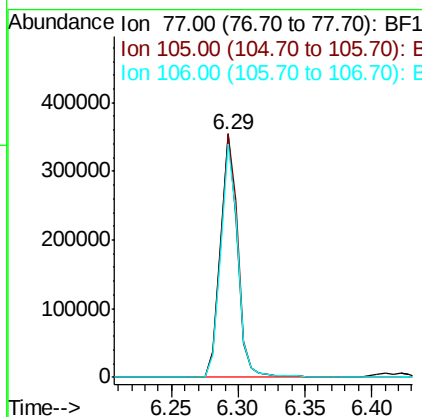
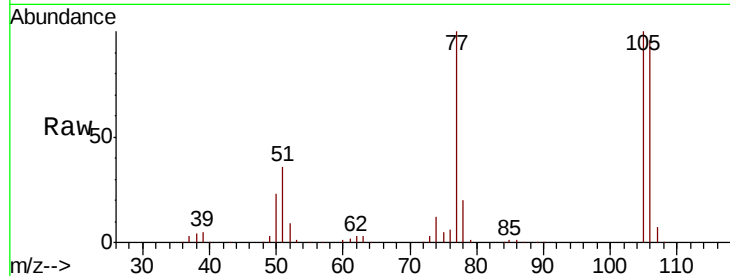
#9
Benzaldehyde
Concen: 50.559 ng
RT: 6.29 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.0	80.1	120.1		
106	95.6	75.9	115.9		

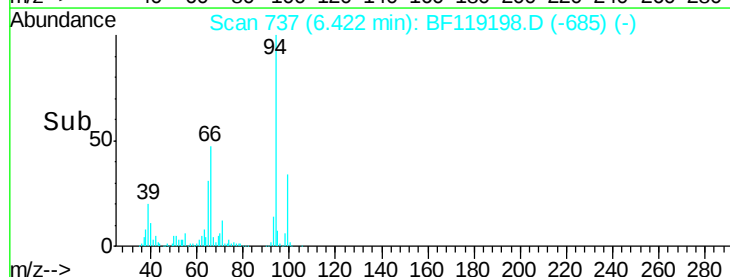
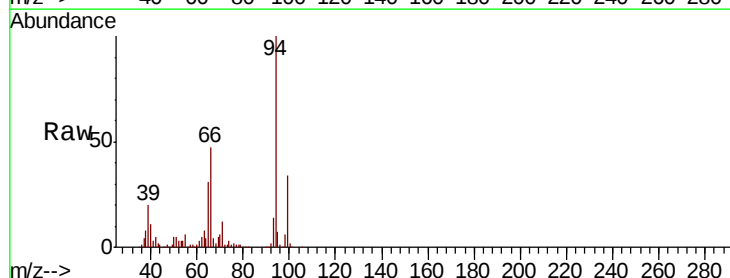
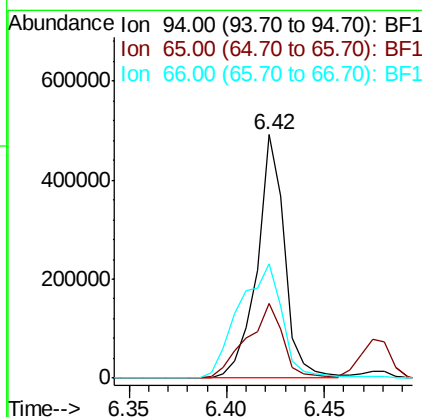
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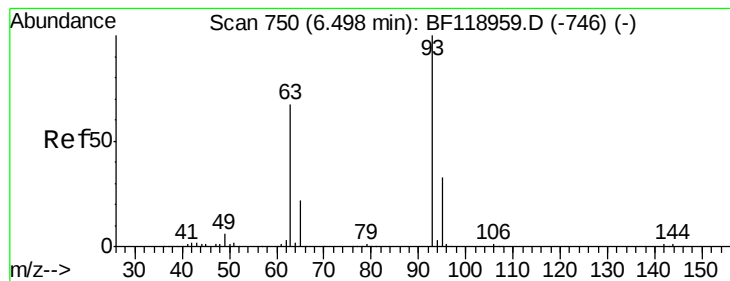
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#10
Phenol
Concen: 46.973 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.6	19.2	59.2		
66	47.0	44.4	84.4		





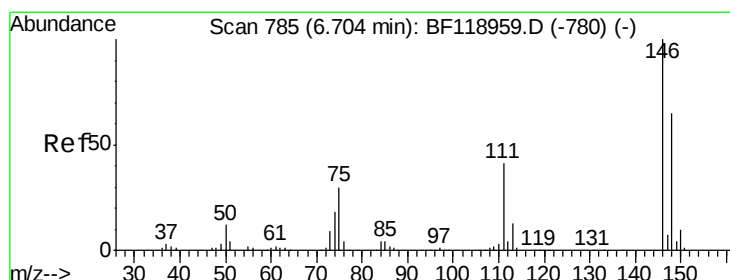
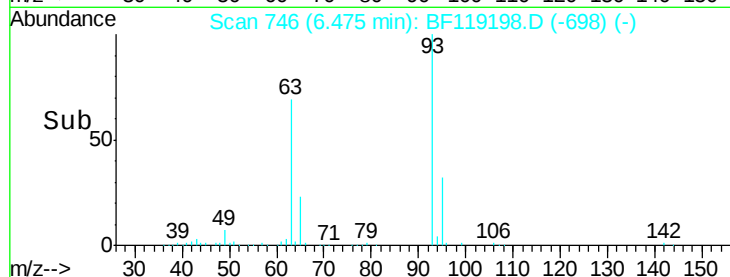
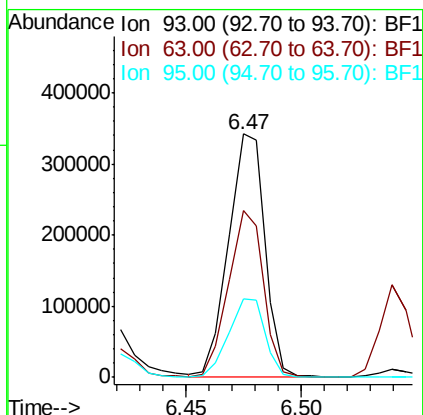
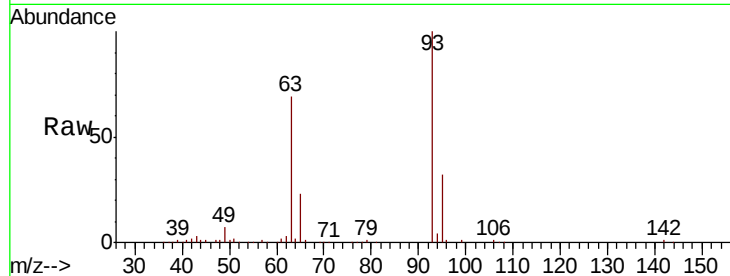
#11
bis(2-Chloroethyl)ether
Concen: 47.999 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	377134		
63	68.5		45.4	85.4
95	32.3		13.5	53.5

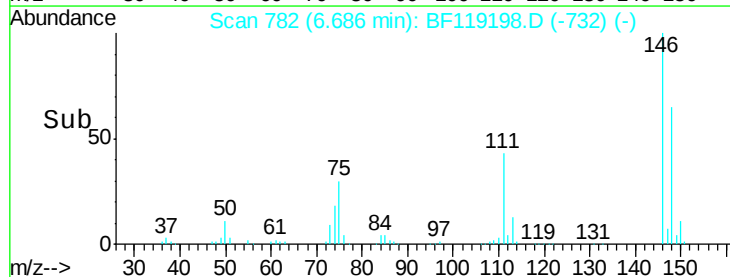
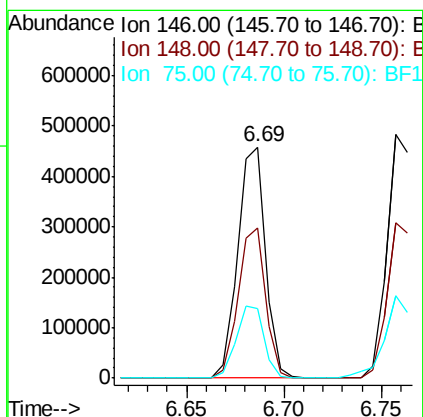
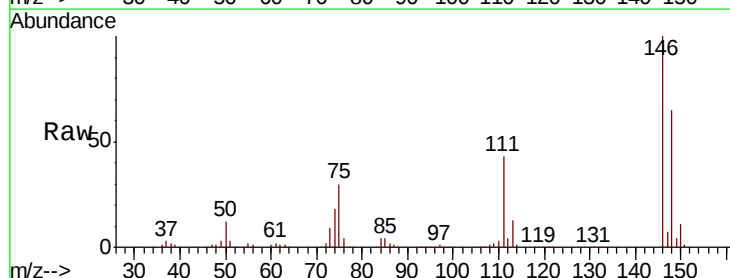
Manual Integrations
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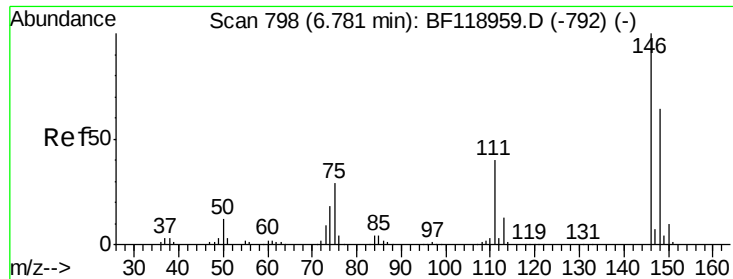
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.625 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	450772		
148	64.9		52.5	78.7
75	29.9		23.6	35.4





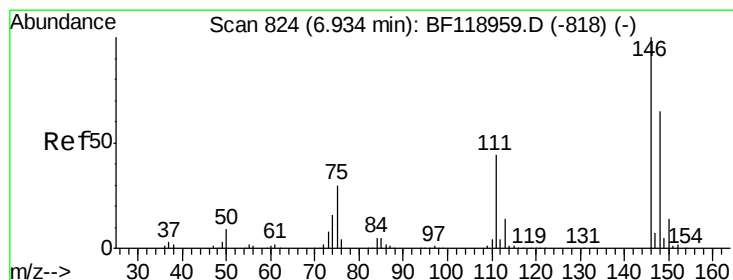
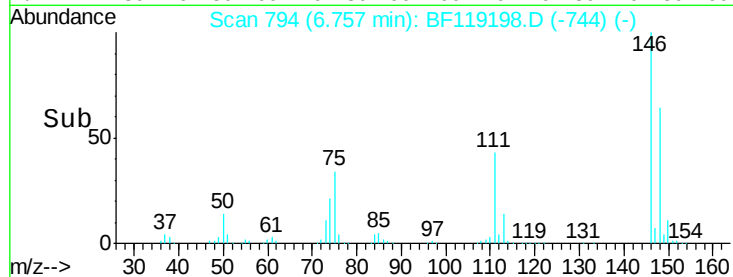
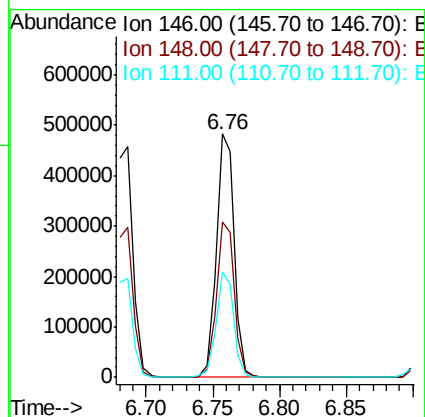
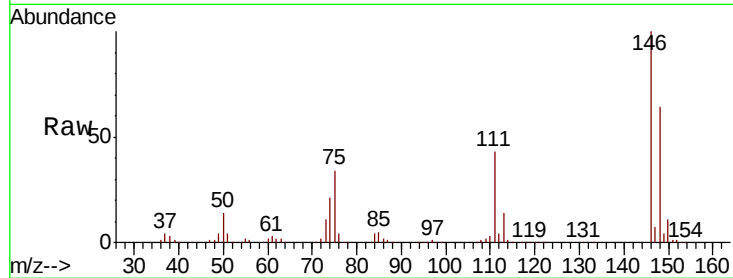
#13
1,4-Dichlorobenzene
Concen: 44.975 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	43.1	34.8	52.2

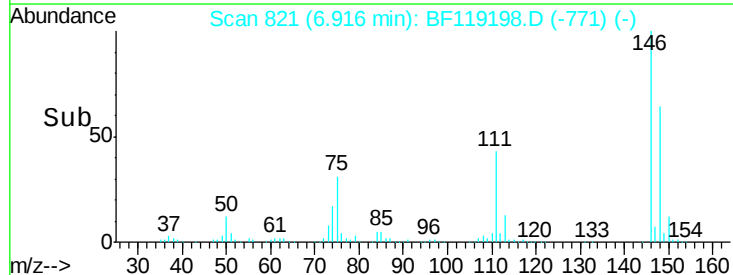
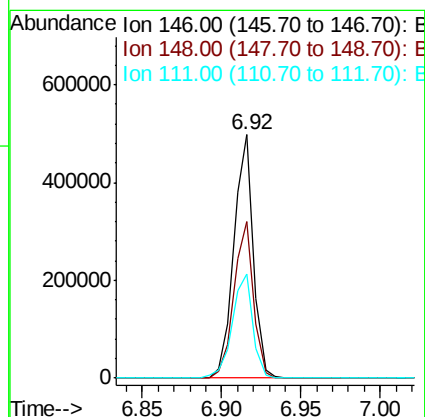
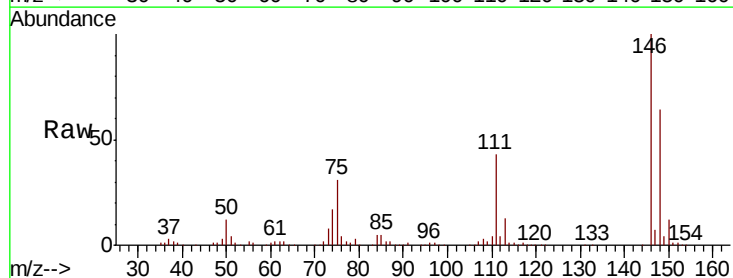
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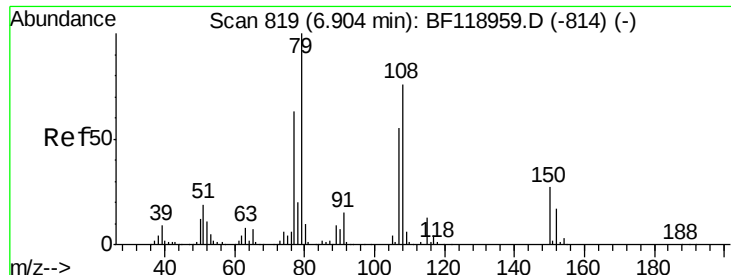
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#14
1,2-Dichlorobenzene
Concen: 45.892 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.9	77.9
111	42.8	36.2	54.2





#15

Benzyl Alcohol

Concen: 50.364 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

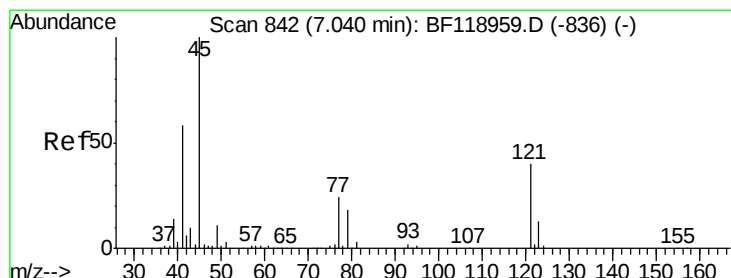
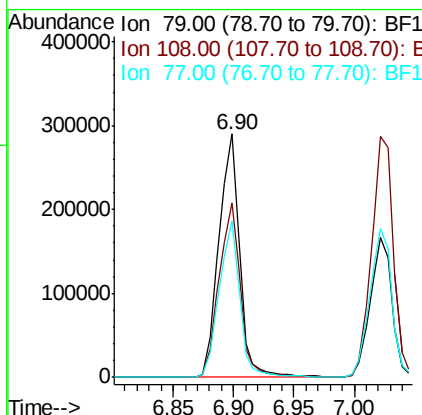
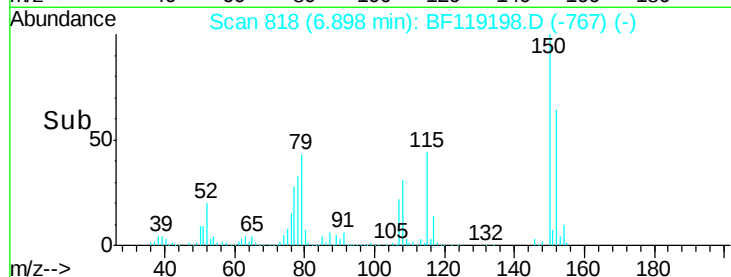
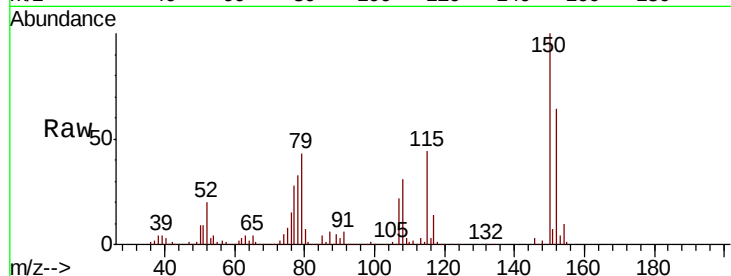
ClientSampleId :

FK-BPM-04-007-ABCDMS

Tot Ion:	79	Resp:	345719
Ion Ratio	Lower	Upper	
79	100		
108	71.6	58.2	87.2
77	64.5	51.2	76.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.969 ng

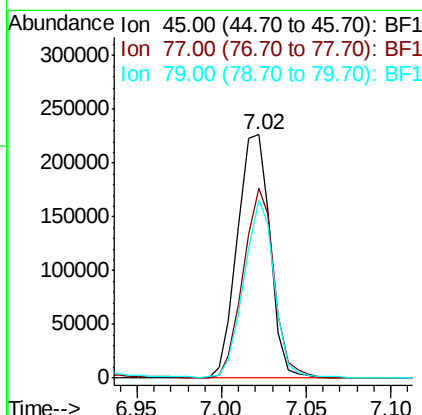
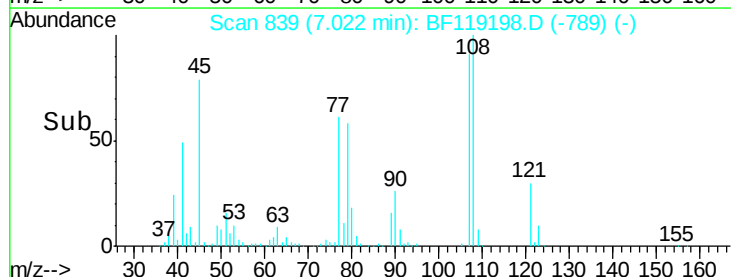
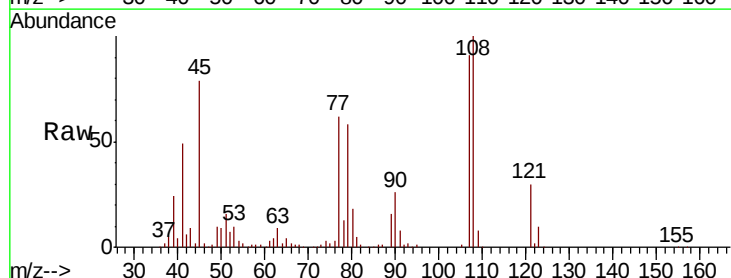
RT: 7.02 min Scan# 839

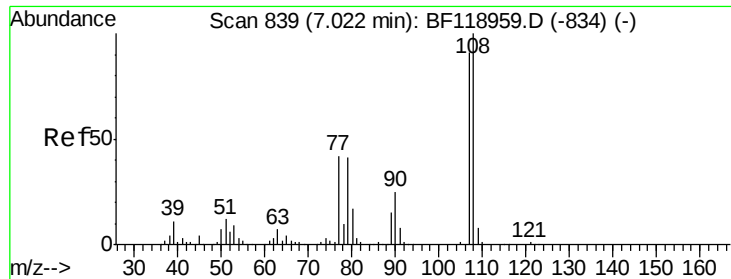
Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Tgt Ion:	45	Resp:	306068
Ion Ratio	Lower	Upper	
45	100		
77	78.2	15.0	55.0#
79	73.4	9.4	49.4#





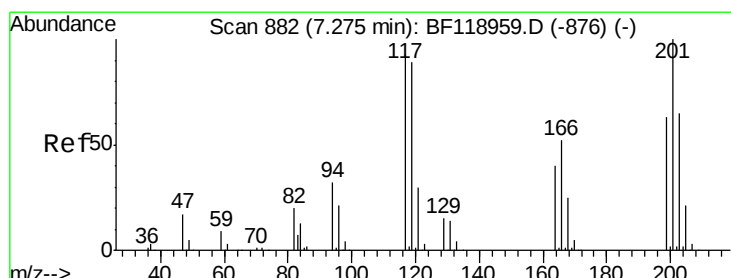
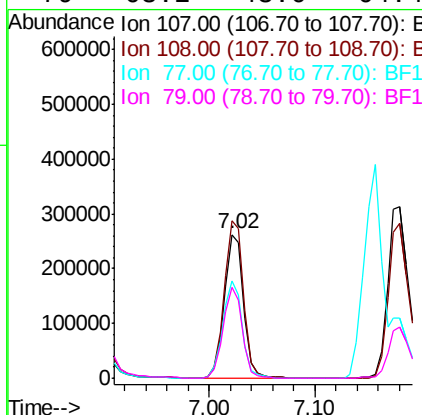
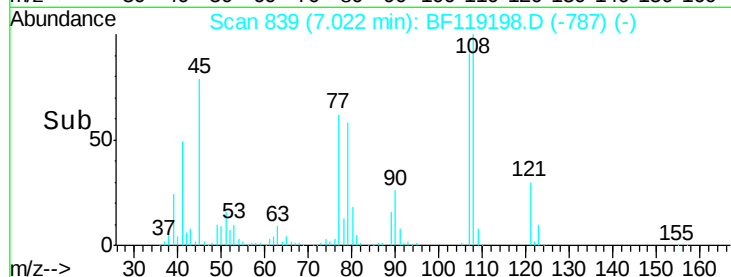
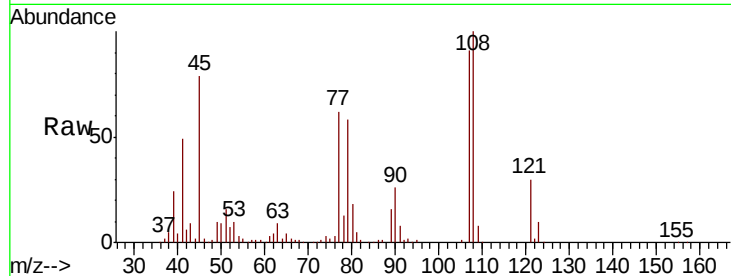
#17
2-Methylphenol
Concen: 48.168 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	87.9	131.9	
77	67.3	45.3	67.9	
79	63.2	43.0	64.4	

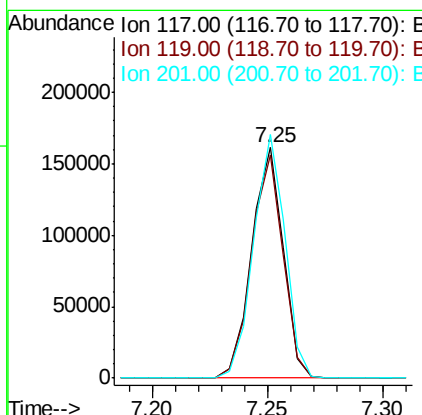
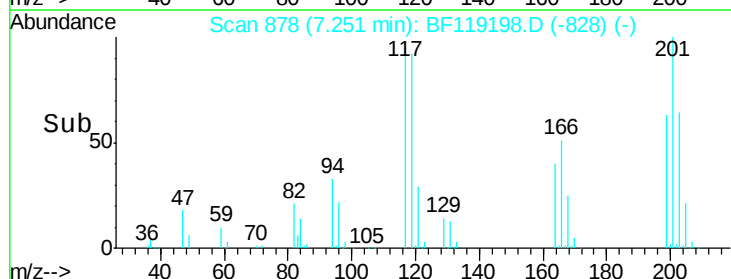
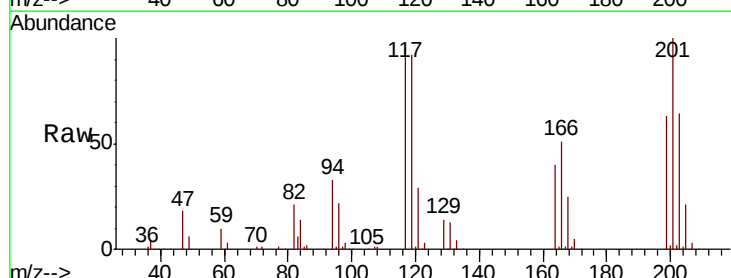
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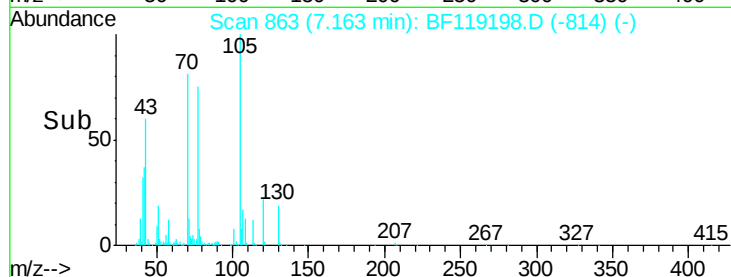
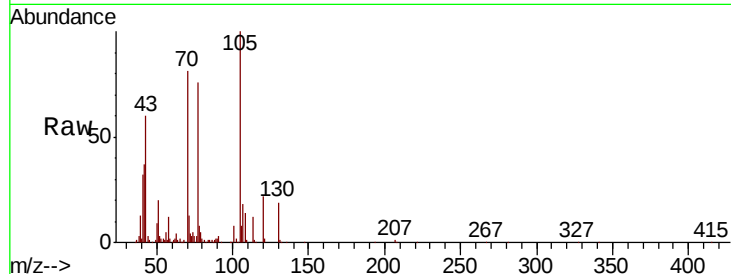
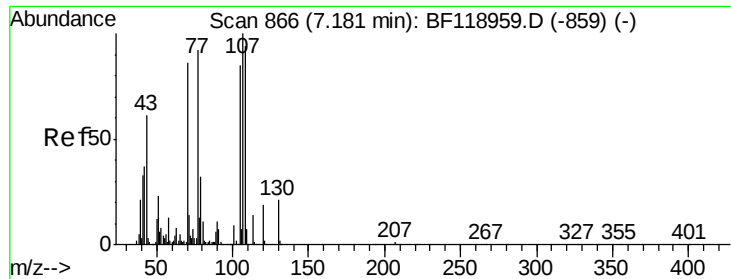
mohammad
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#18
Hexachloroethane
Concen: 42.449 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	77.5	116.3	
201	105.7	82.6	123.8	





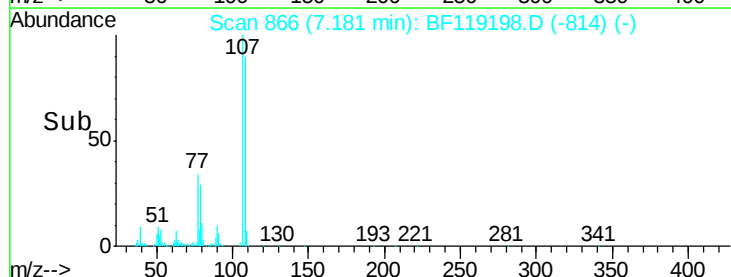
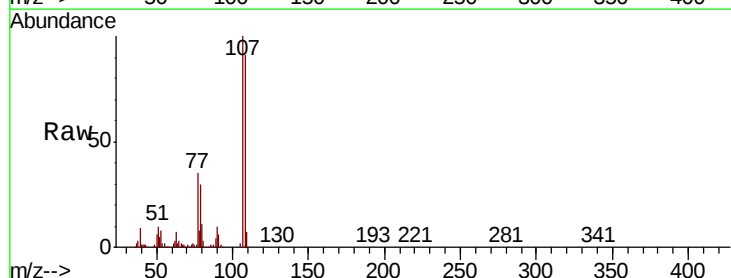
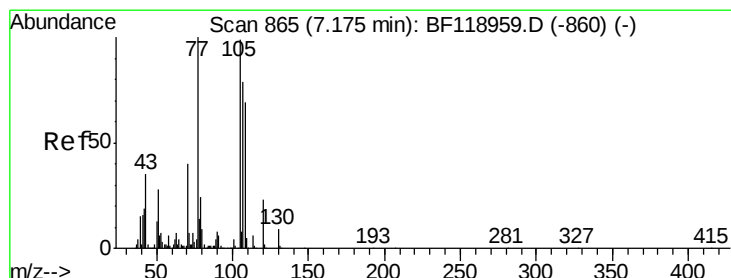
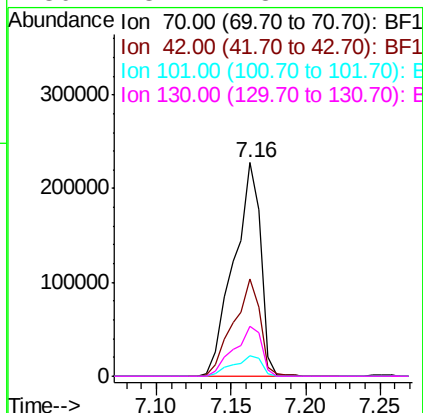
#19
n-Nitroso-di-n-propylamine
Concen: 51.664 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.4	38.0	57.0
101	9.8	8.2	12.4
130	23.4	18.2	27.4

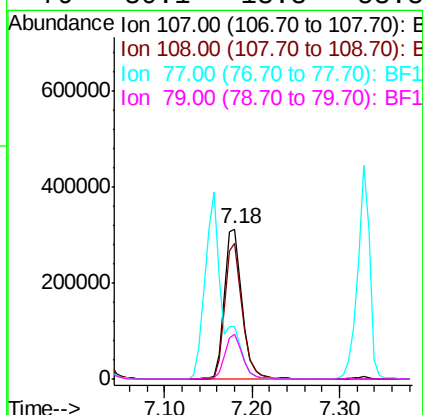
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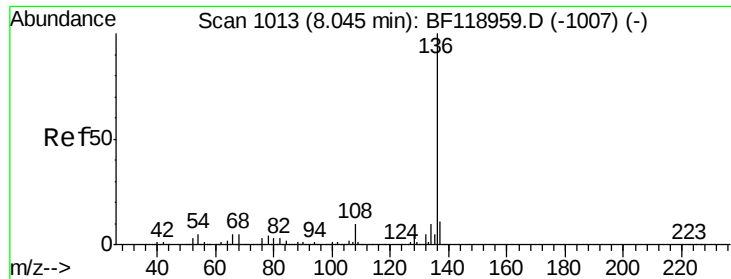
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#20
3+4-Methylphenols
Concen: 52.681 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	71.5	111.5
77	34.9	45.9	85.9#
79	30.1	13.8	53.8





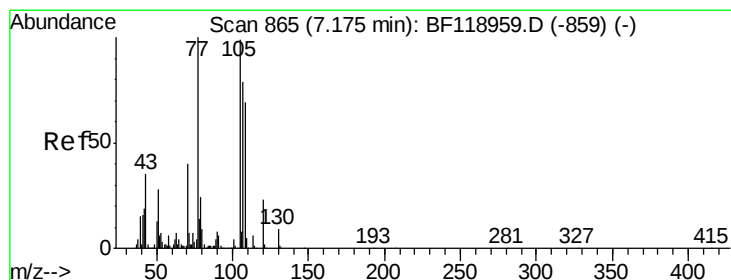
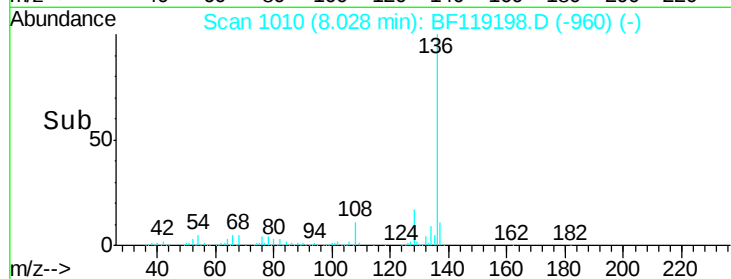
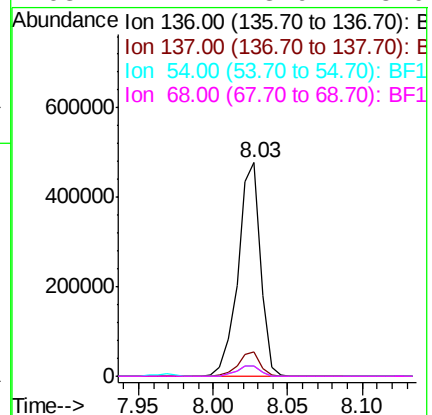
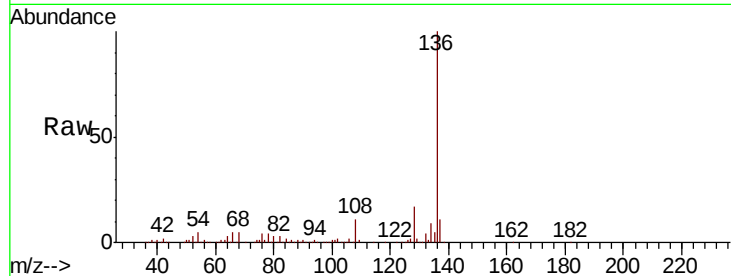
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.8	13.2	
54	4.6	3.8	5.6	
68	4.7	3.9	5.9	

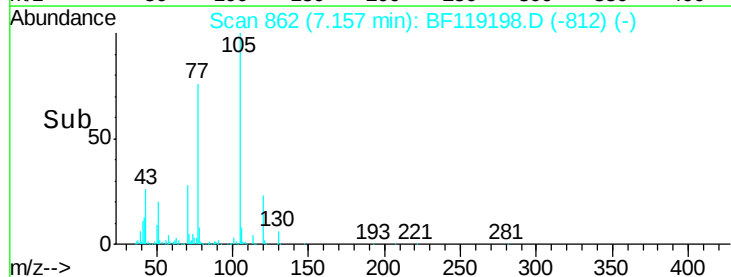
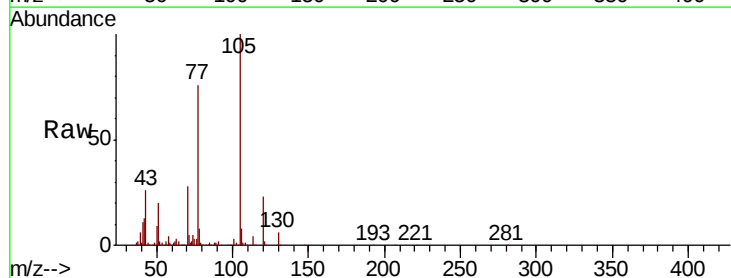
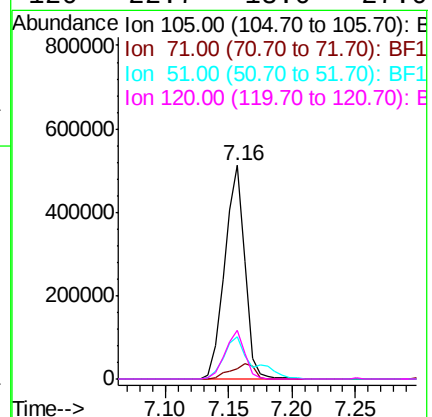
Manual Integrations
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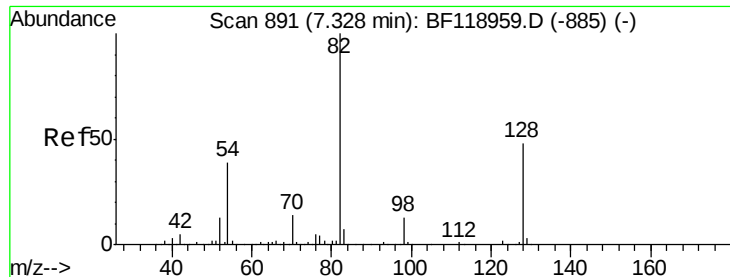
mohammad
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#22
Acetophenone
Concen: 48.745 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.6	3.0	4.4#	
51	20.1	20.1	30.1	
120	22.7	18.0	27.0	





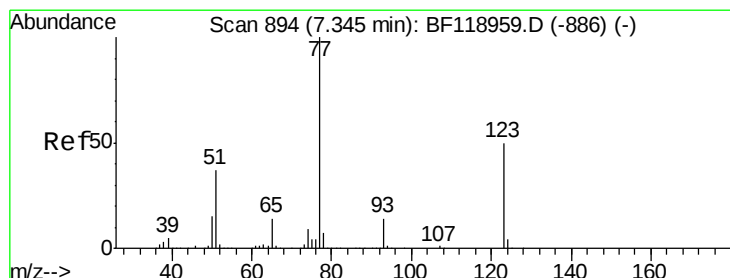
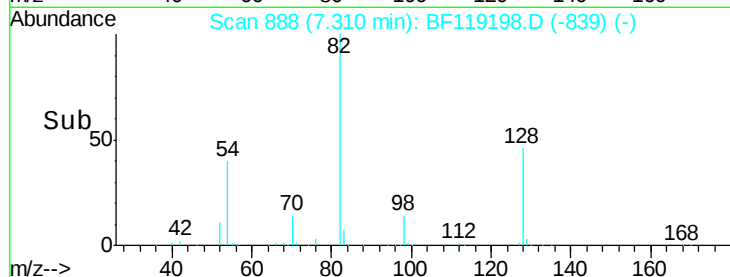
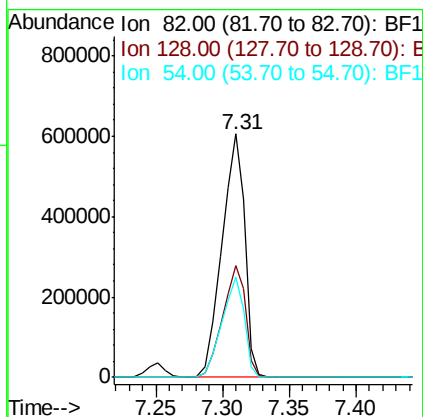
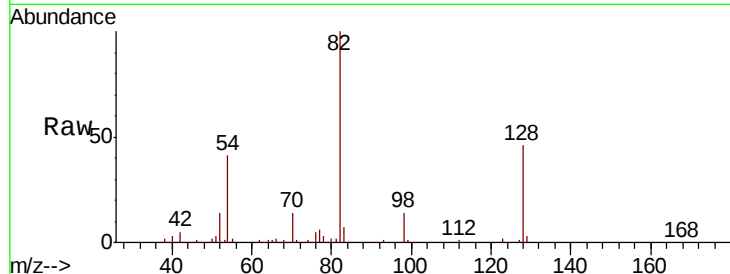
#23
 Nitrobenzene-d5
 Concen: 76.696 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.9	56.9
54	41.1	33.4	50.2

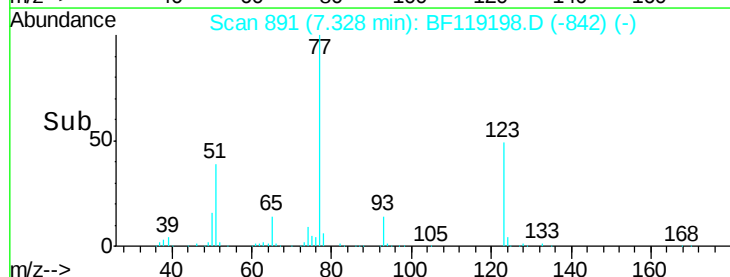
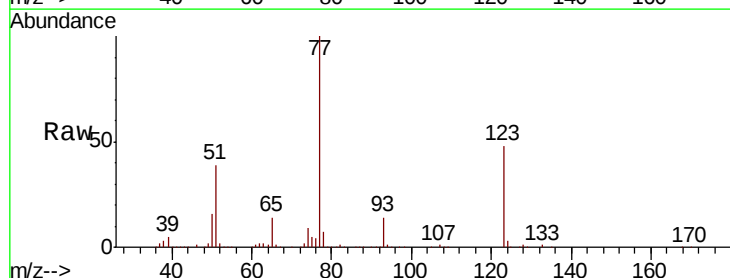
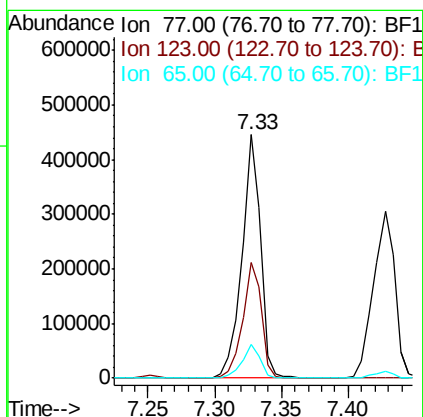
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#24
 Nitrobenzene
 Concen: 45.463 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	40.2	60.2
65	13.7	10.8	16.2





#25

Isophorone

Concen: 46.486 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

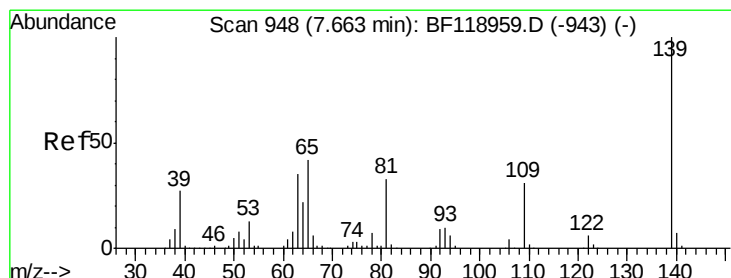
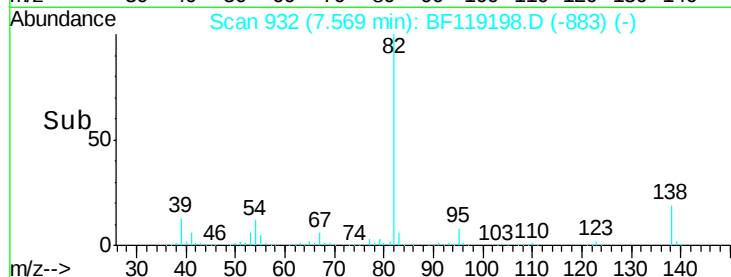
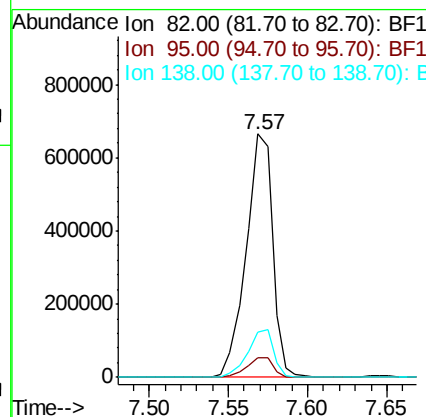
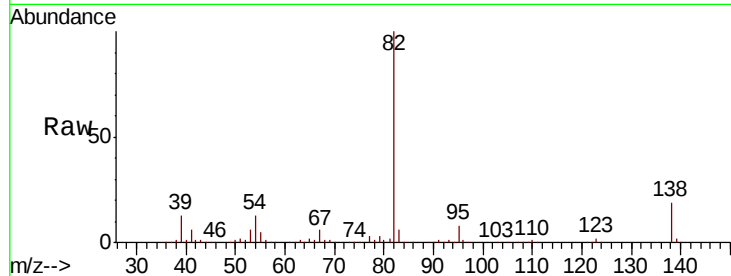
ClientSampleId :

FK-BPM-04-007-ABCDMS

Tot Ion:	82	Resp:	770716
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.4	9.6
138	18.7	15.7	23.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.949 ng

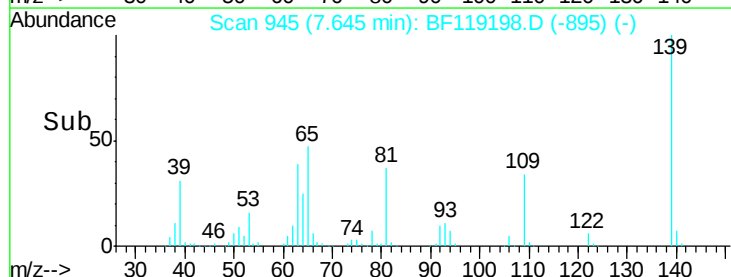
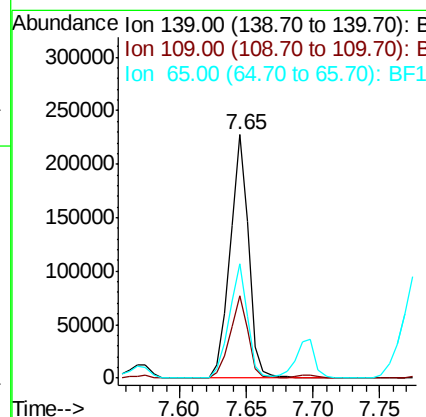
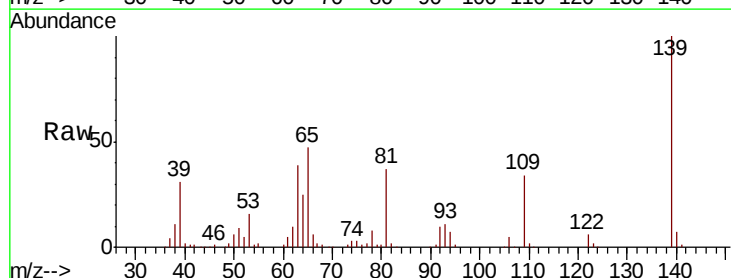
RT: 7.65 min Scan# 945

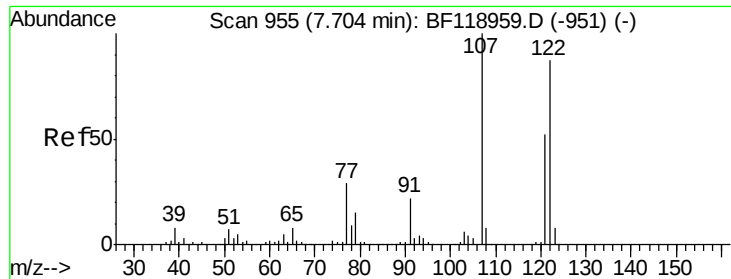
Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Tgt Ion:	139	Resp:	224839
Ion Ratio	Lower	Upper	
139	100		
109	33.6	25.7	38.5
65	47.1	37.1	55.7





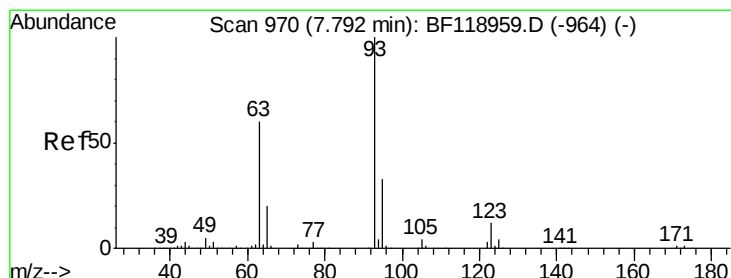
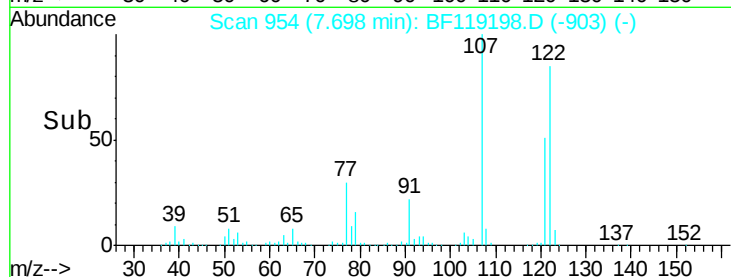
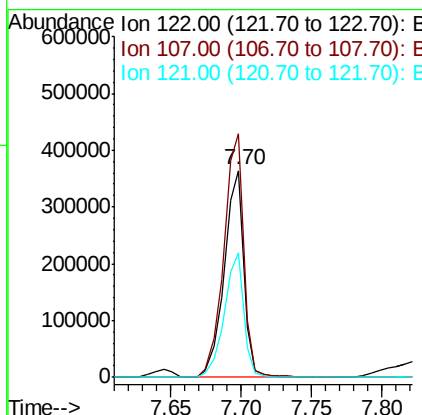
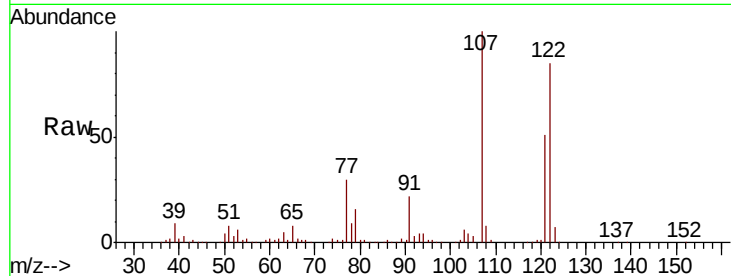
#27
2,4-Dimethylphenol
Concen: 52.087 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.9	93.8	140.6
121	60.2	48.2	72.2

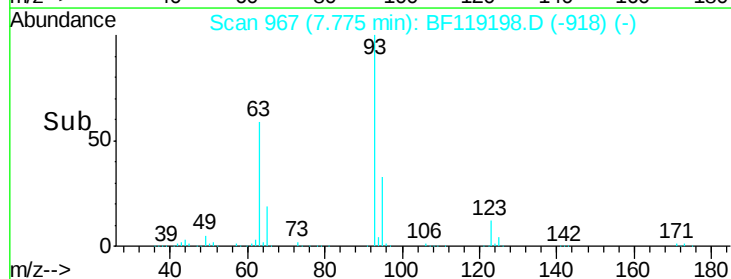
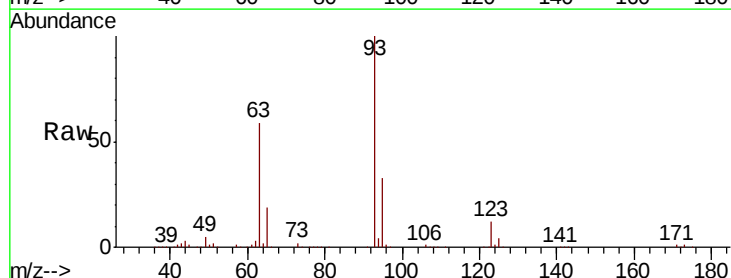
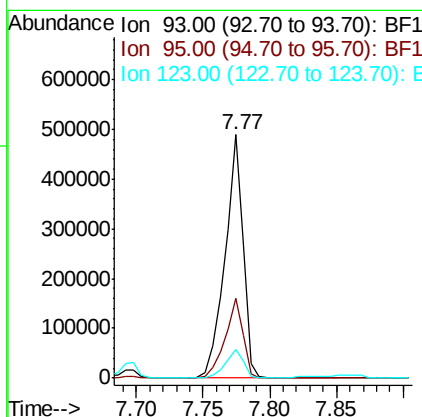
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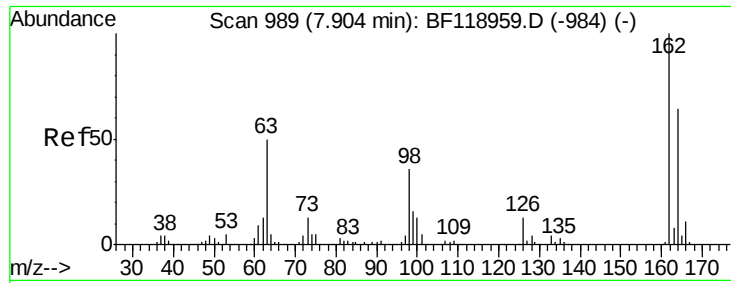
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.768 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	11.9	10.2	15.2





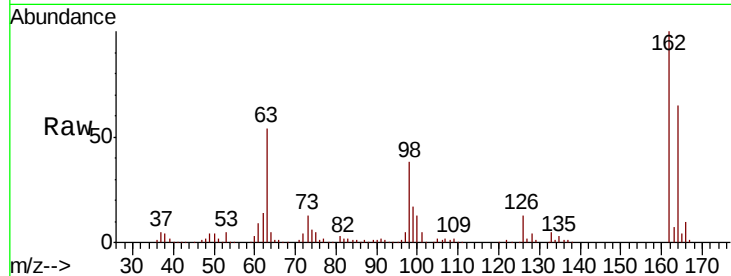
#29
2,4-Dichlorophenol
Concen: 45.005 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMS

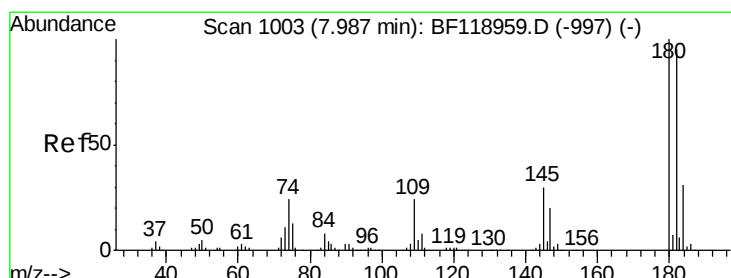
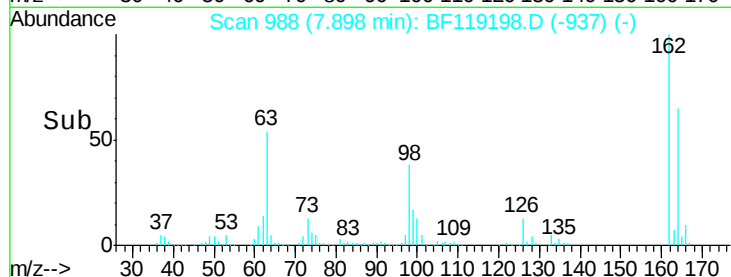
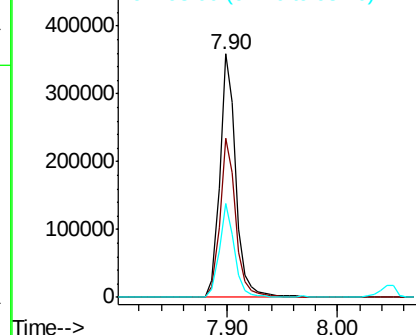
Tot Ion:	162	Resp:	359678
Ion Ratio	Lower	Upper	
162	100		
164	65.3	45.2	85.2
98	38.4	17.4	57.4

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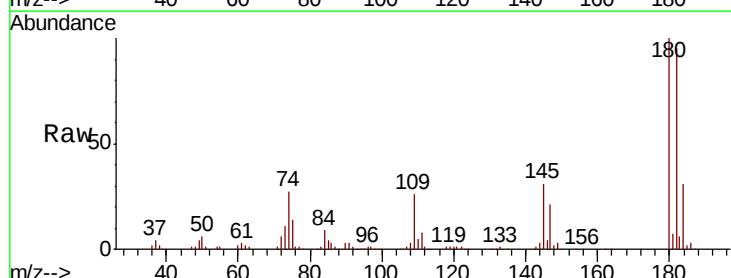


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

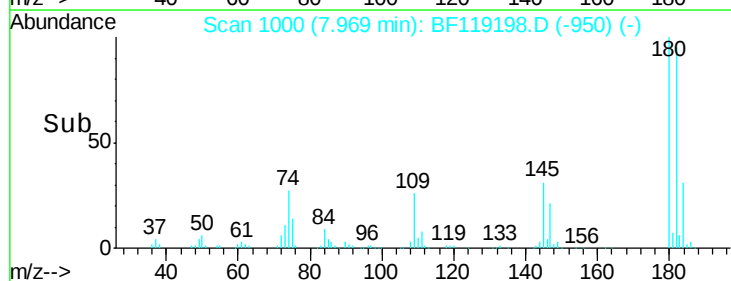
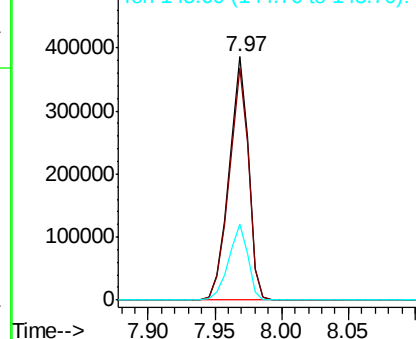


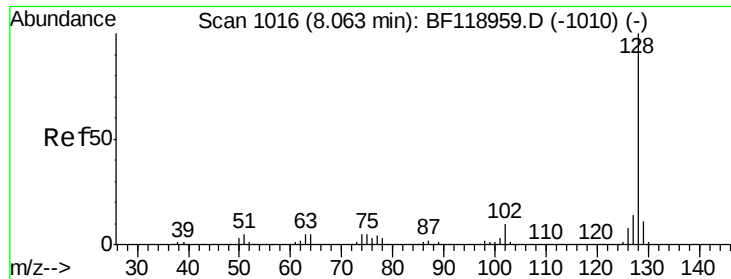
#30
1,2,4-Trichlorobenzene
Concen: 42.180 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion:	180	Resp:	399677
Ion Ratio	Lower	Upper	
180	100		
182	95.5	77.8	116.6
145	31.1	25.2	37.8



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





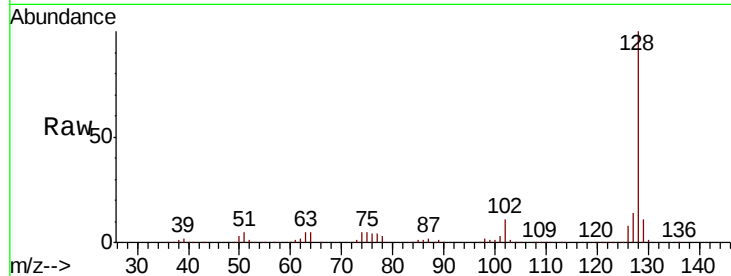
#31
Naphthalene
Concen: 45.197 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.8	11.4	17.2

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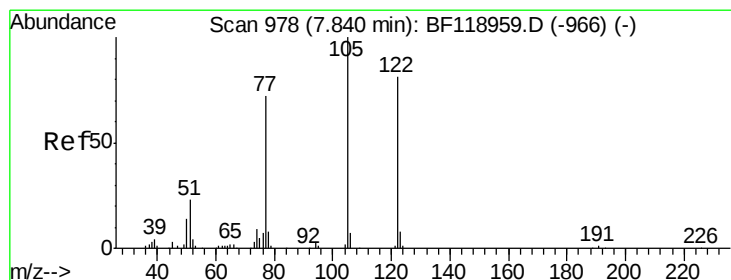
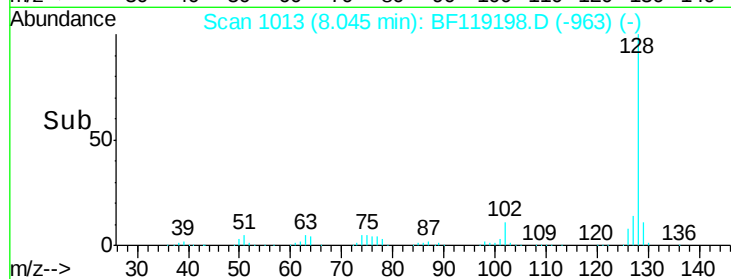
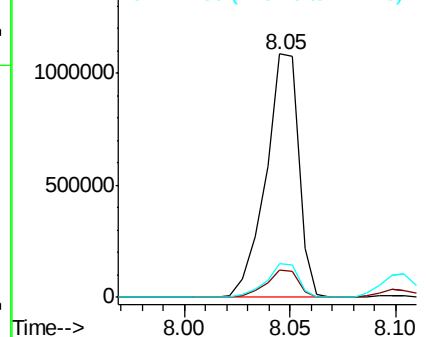


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 45.834 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

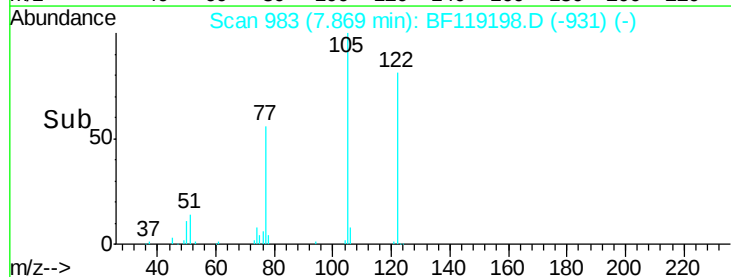
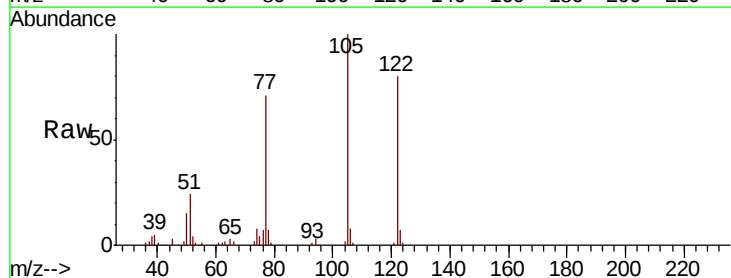
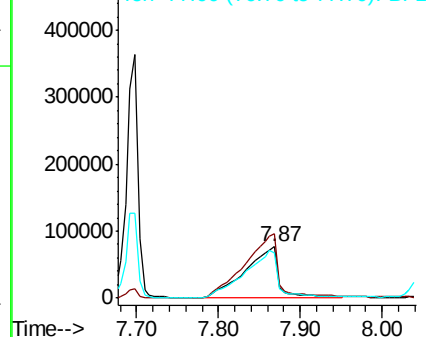
Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.4	106.3	146.3
77	89.1	73.1	113.1

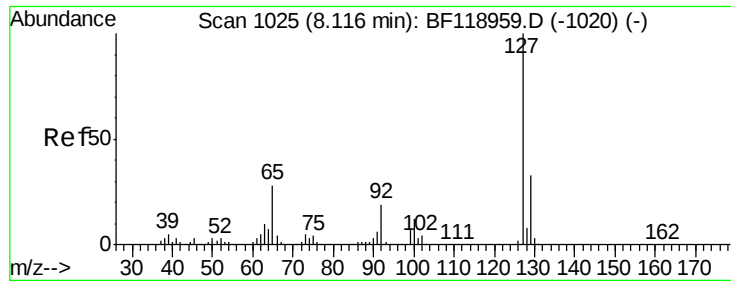
Abundance

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





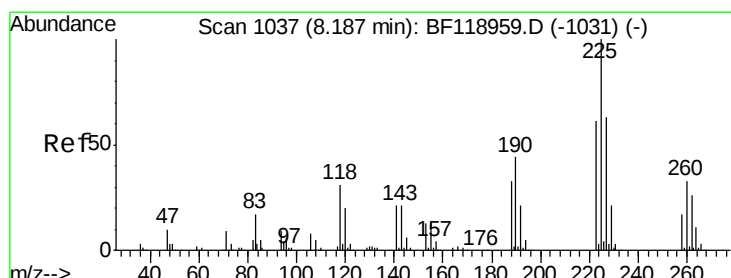
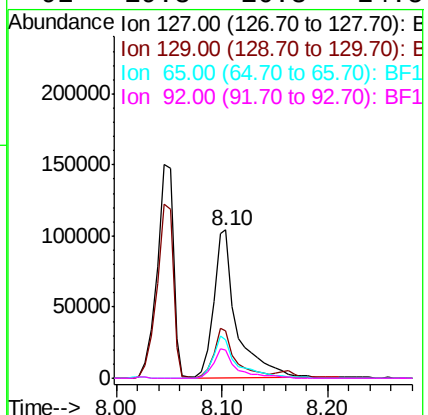
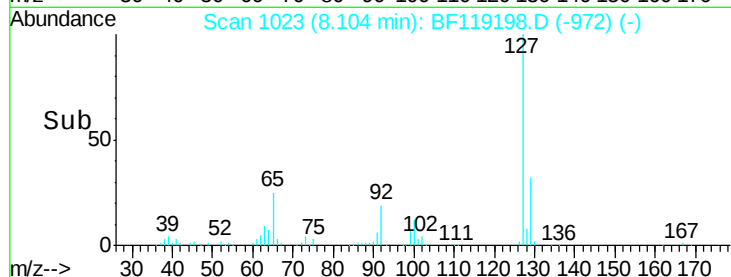
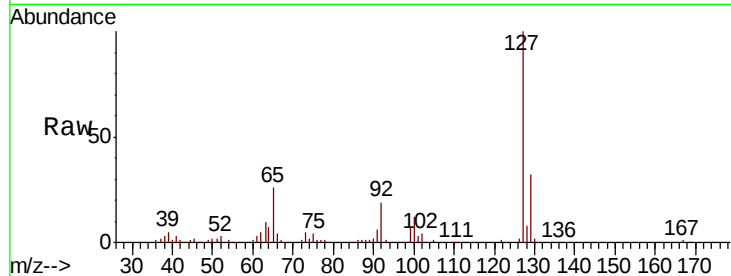
#33
4-Chloroaniline
Concen: 14.206 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	25.9	38.9		
65	25.9	23.9	35.9		
92	19.3	16.3	24.5		

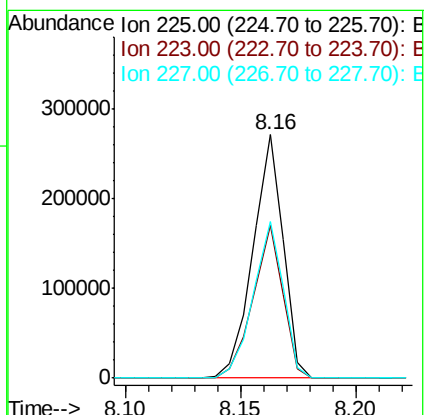
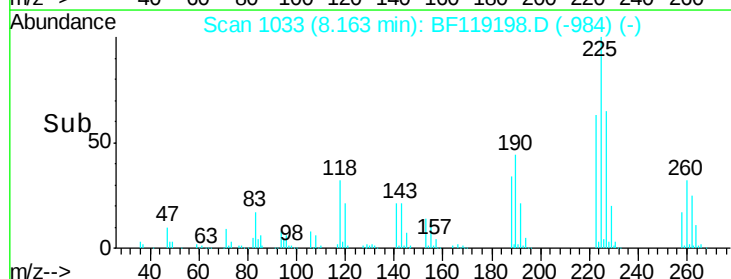
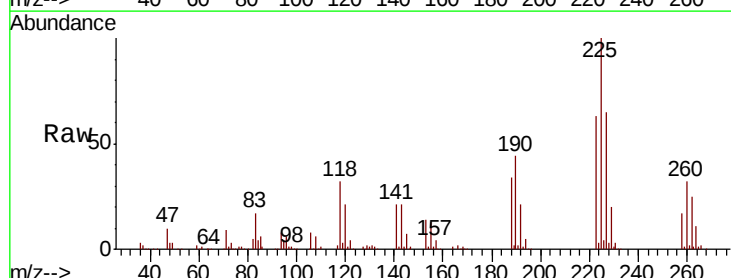
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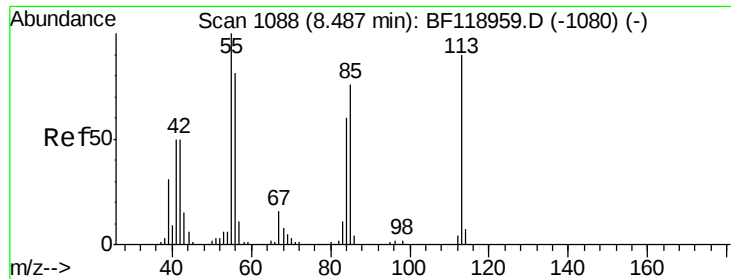
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#34
Hexachlorobutadiene
Concen: 42.109 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	49.4	74.2		
227	64.5	52.9	79.3		





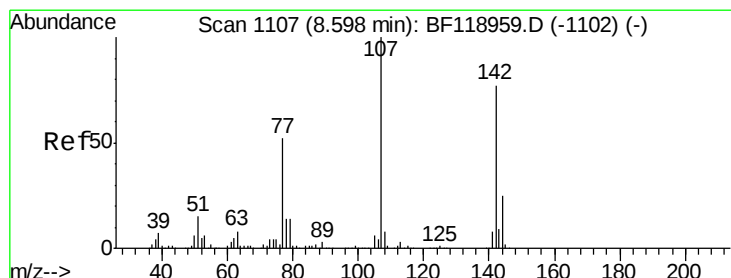
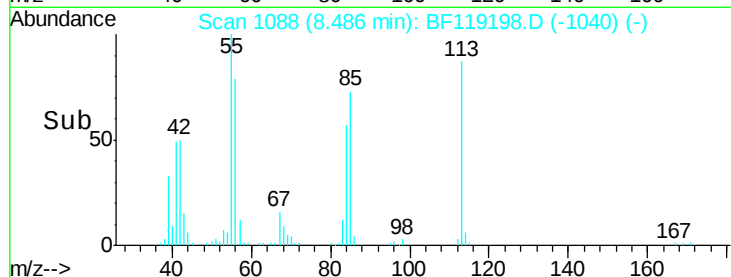
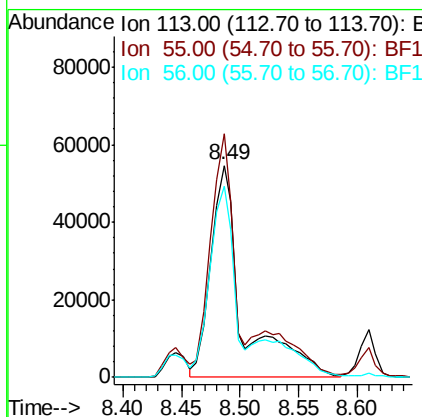
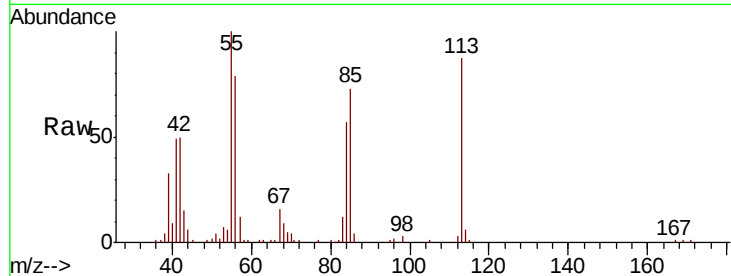
#35
 Caprolactam
 Concen: 42.179 ng/ml
 RT: 8.49 min Scan# 1088
 Delta R.T. -0.02 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	115.0	95.7	135.7
56	90.3	73.1	113.1

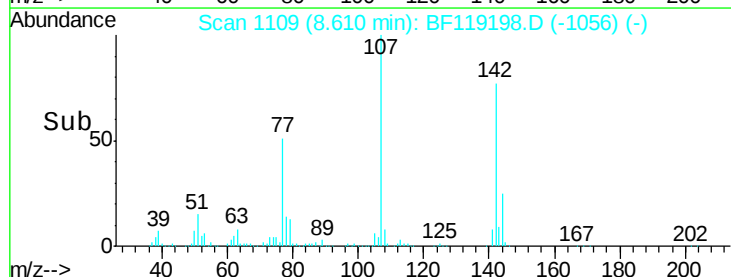
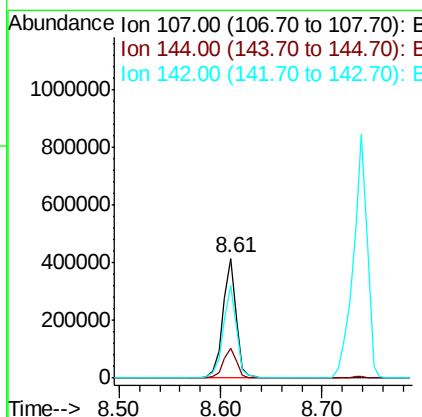
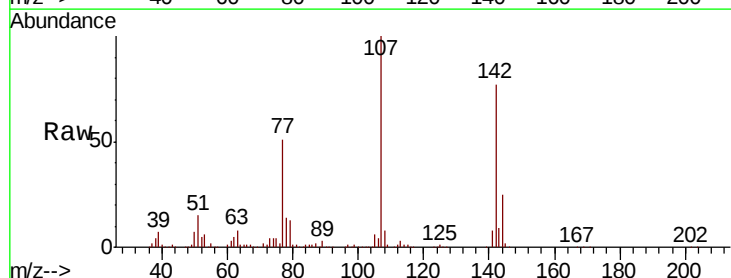
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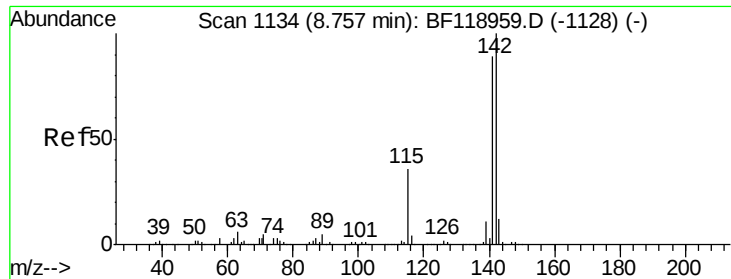
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#36
 4-Chloro-3-methylphenol
 Concen: 46.560 ng/ml
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.1	30.1
142	76.9	61.4	92.2





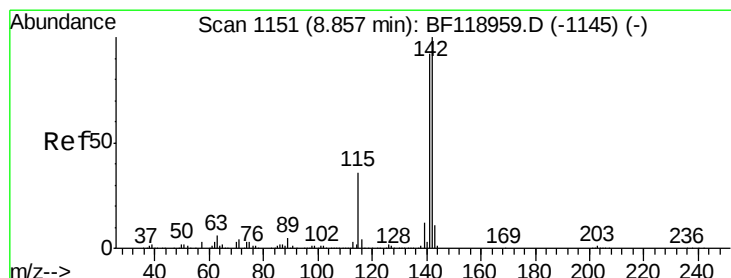
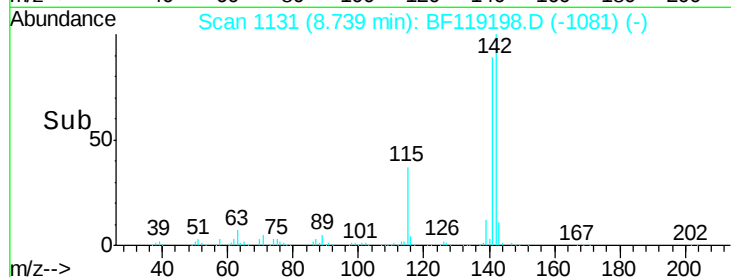
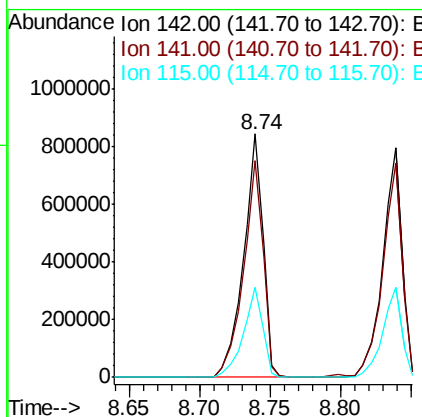
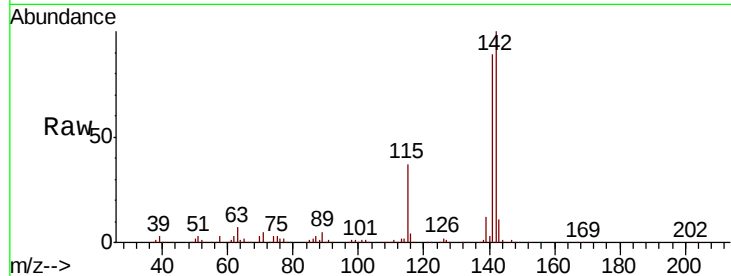
#37
2-Methylnaphthalene
Concen: 46.060 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.3	108.5
115	37.0	30.6	45.8

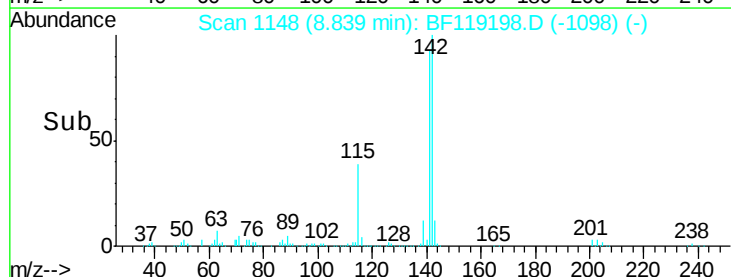
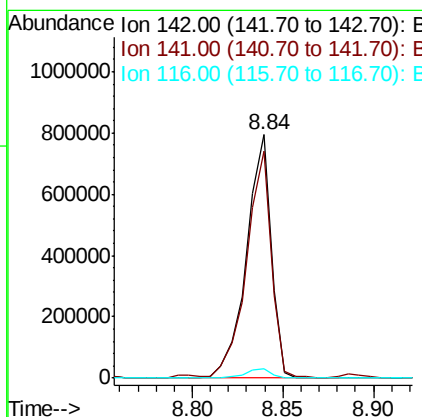
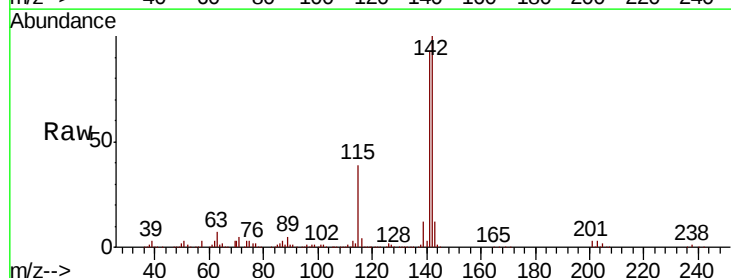
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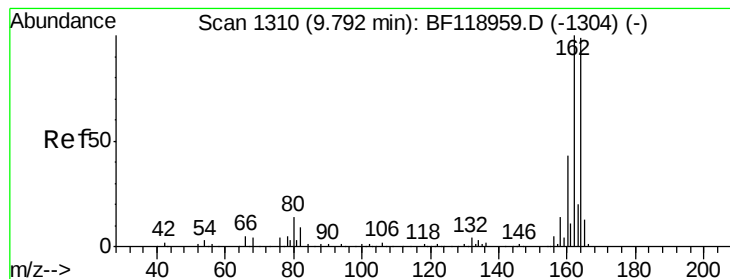
mohammad
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#38
1-Methylnaphthalene
Concen: 45.429 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.8	113.6
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

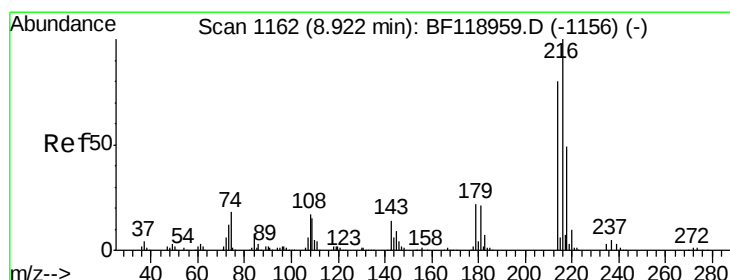
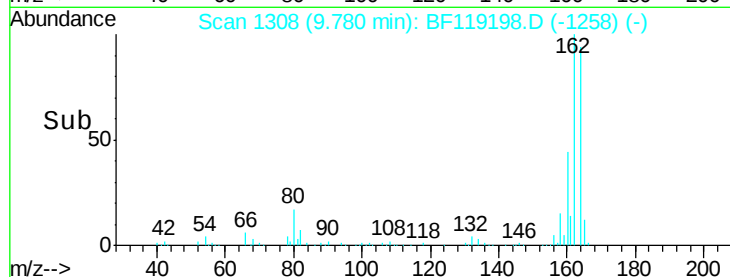
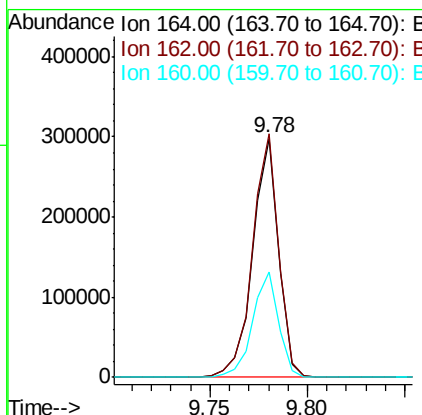
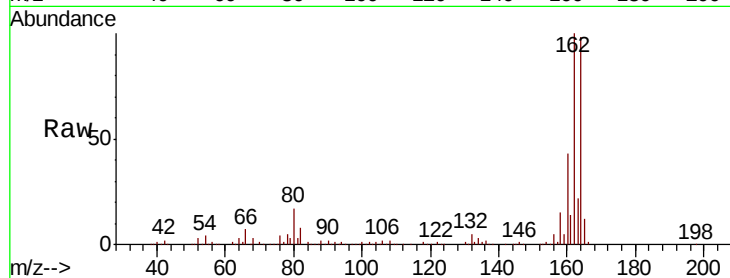
ClientSampleId :

FK-BPM-04-007-ABCDMS

Tot Ion:	164	Resp:	273490
Ion Ratio	Lower	Upper	
164	100		
162	101.8	81.8	122.8
160	44.2	36.0	54.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.346 ng

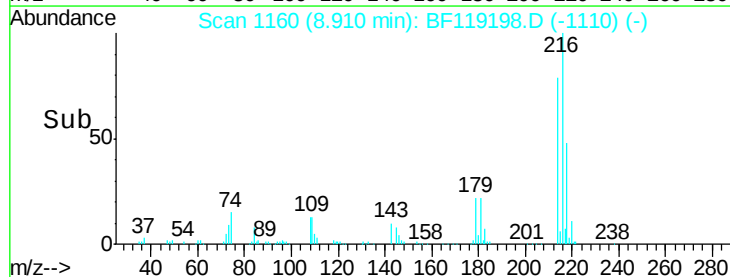
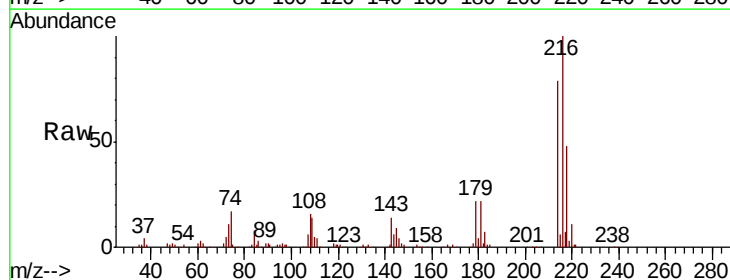
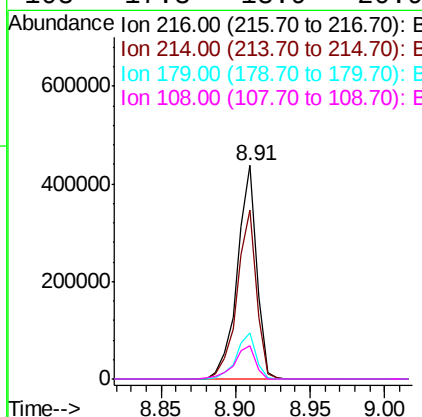
RT: 8.91 min Scan# 1160

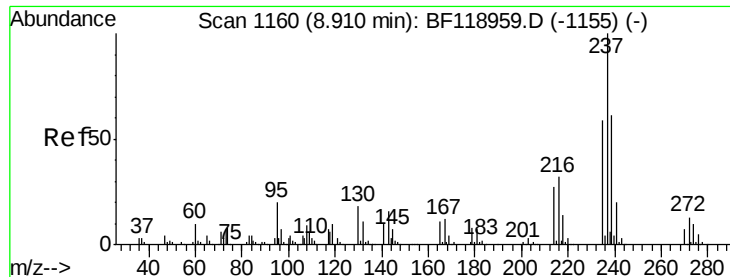
Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Tgt Ion:	216	Resp:	399691
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.3	94.9
179	21.9	17.7	26.5
108	17.3	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 33.945 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

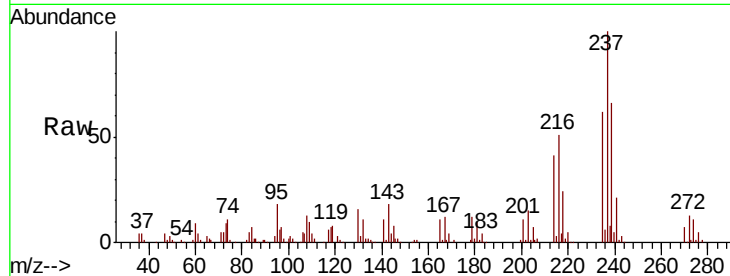
ClientSampleId :

FK-BPM-04-007-ABCDMS

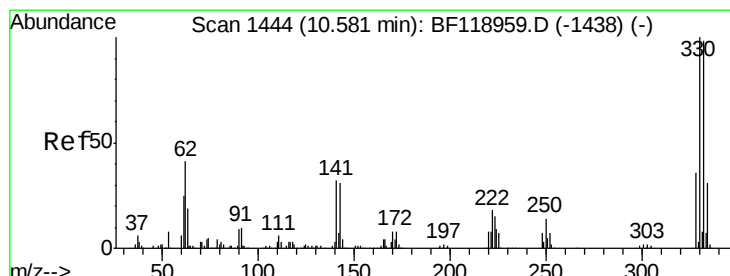
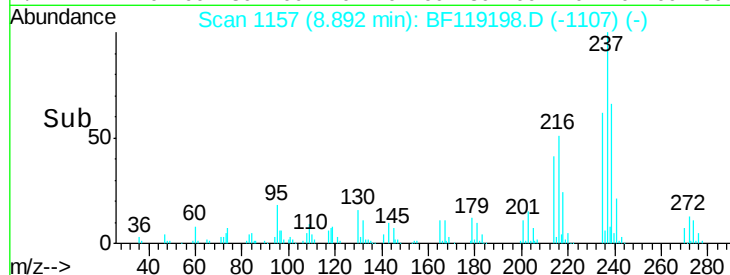
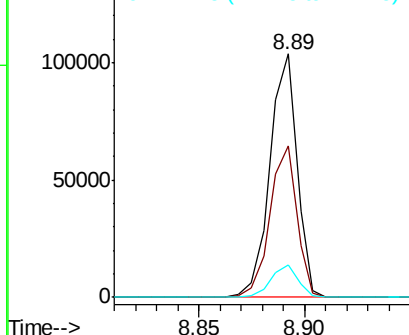
Tot Ion:	237	Resp:	93367
Ion Ratio	Lower	Upper	
237	100		
235	62.0	42.3	82.3
272	13.4	0.0	33.5

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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: 99.678 ng

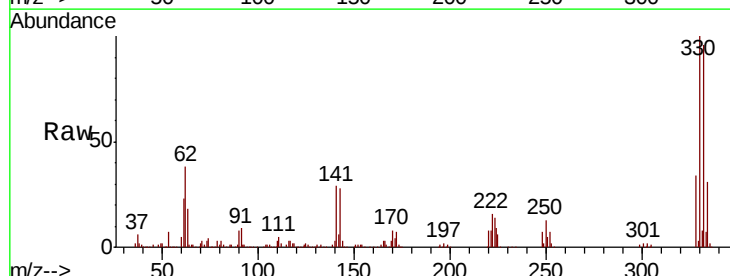
RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

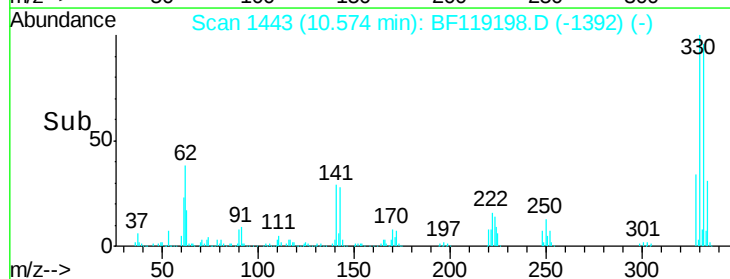
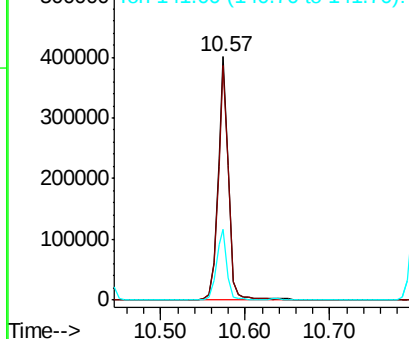
Lab File: BF119198.D

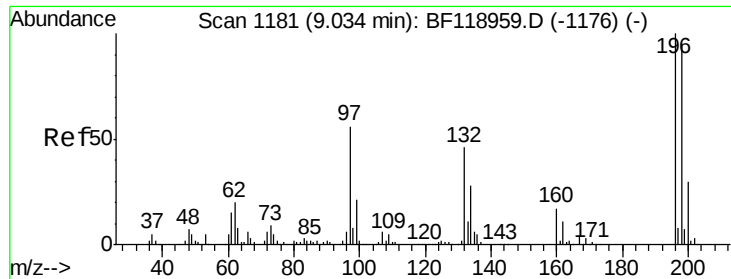
Acq: 4 Mar 2020 16:53

Tgt Ion:	330	Resp:	356618
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.0	114.0
141	29.3	22.9	34.3



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





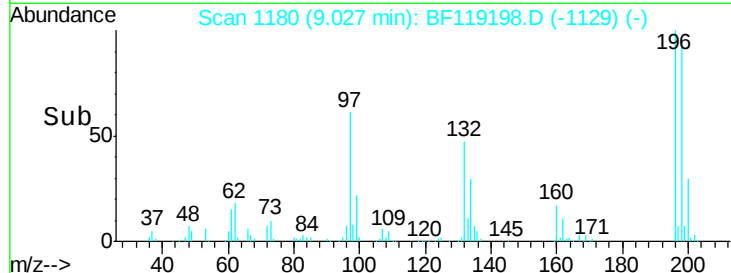
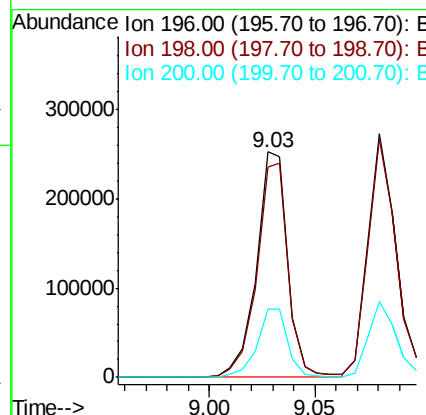
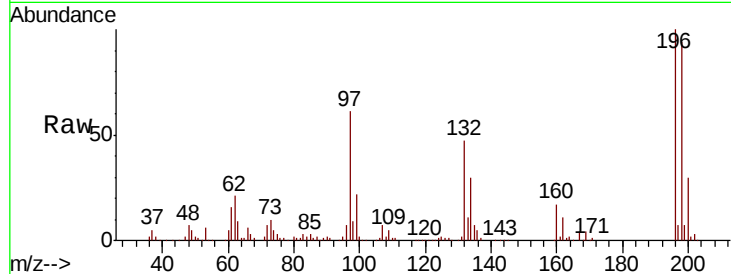
#43
 2,4,6-Trichlorophenol
 Concen: 44.656 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	260032		
198	93.6	77.1	115.7	
200	30.0	25.0	37.6	

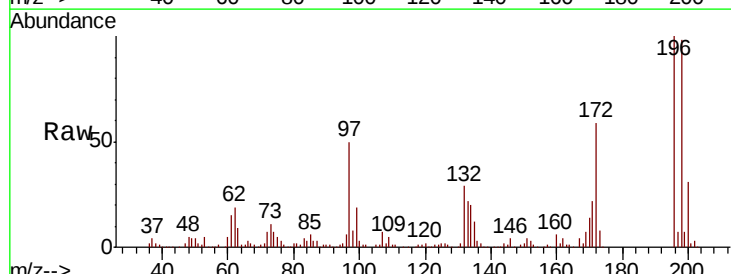
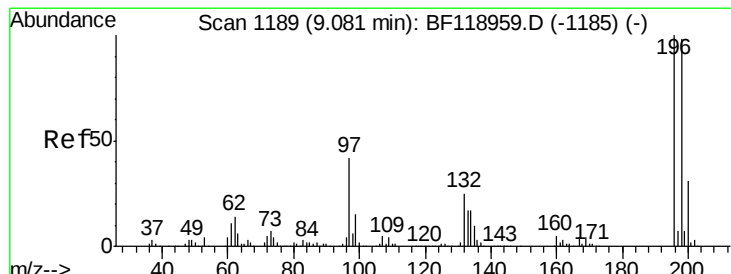
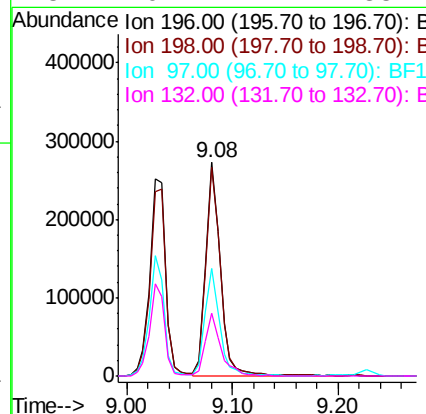
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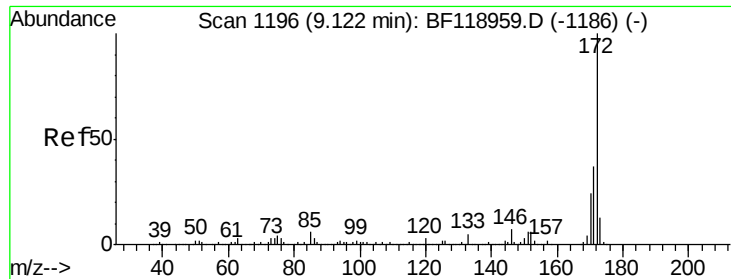
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 42.528 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	259865		
198	97.7	76.8	115.2	
97	50.4	38.5	57.7	
132	29.1	22.2	33.4	





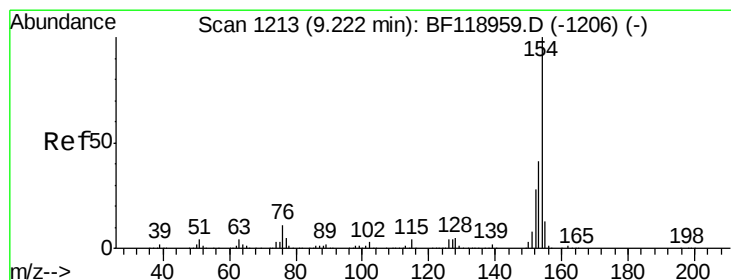
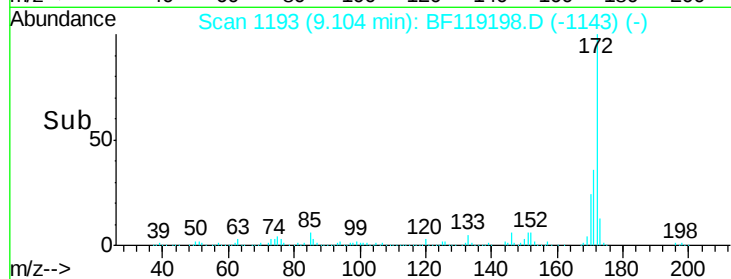
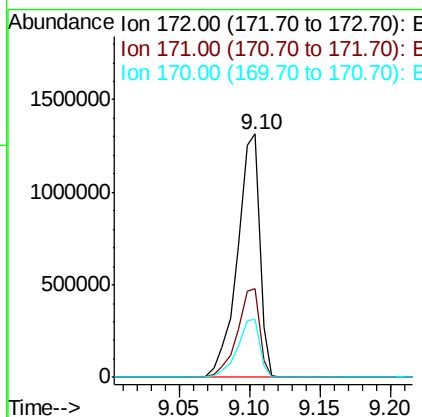
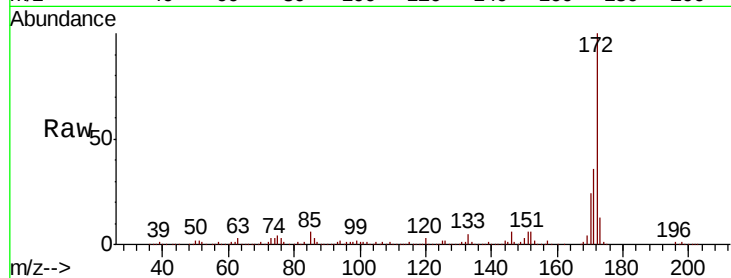
#45
 2-Fluorobiphenyl
 Concen: 78.150 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.6	45.8
170	24.0	20.2	30.2

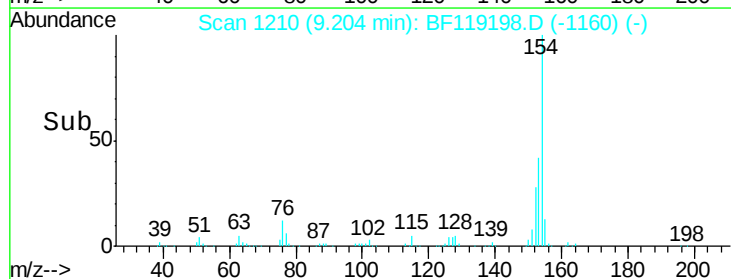
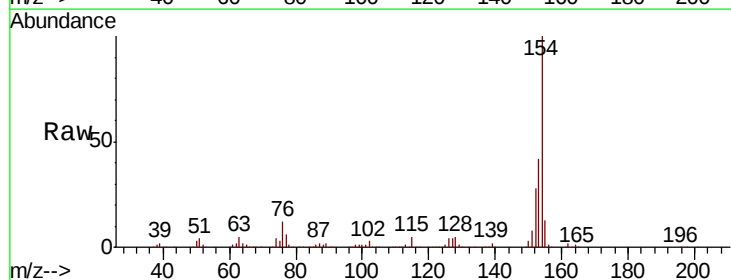
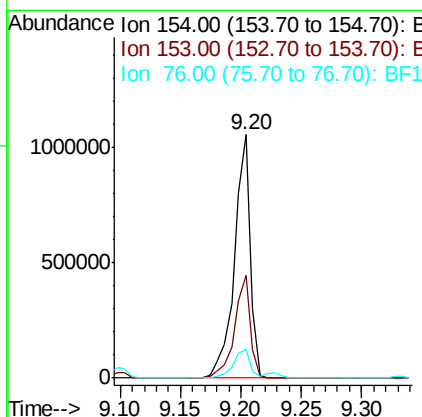
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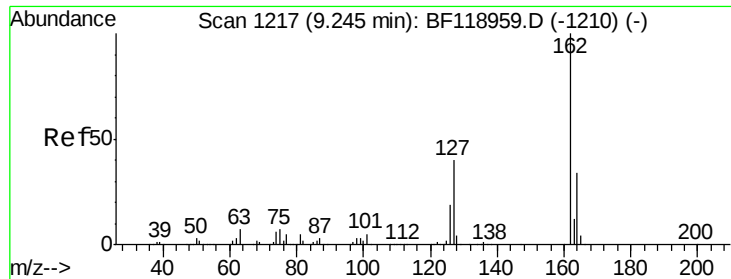
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#46
 1,1'-Biphenyl
 Concen: 43.649 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.8	62.8
76	11.7	0.0	32.2





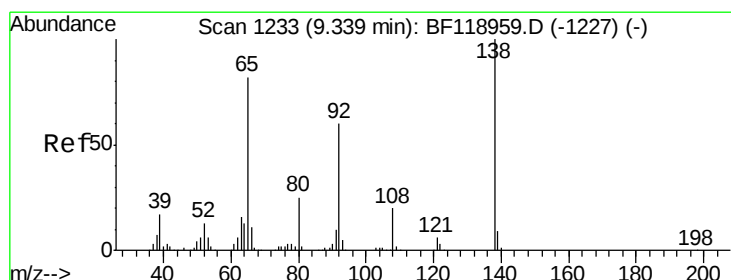
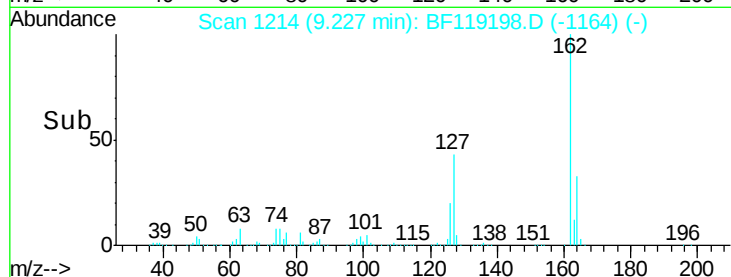
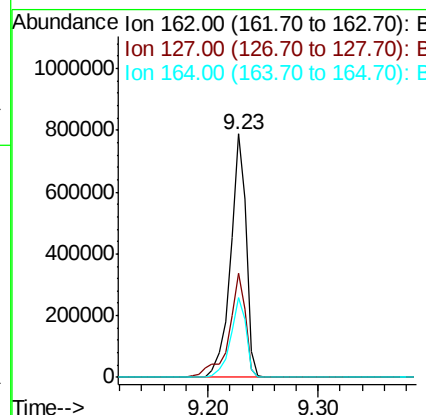
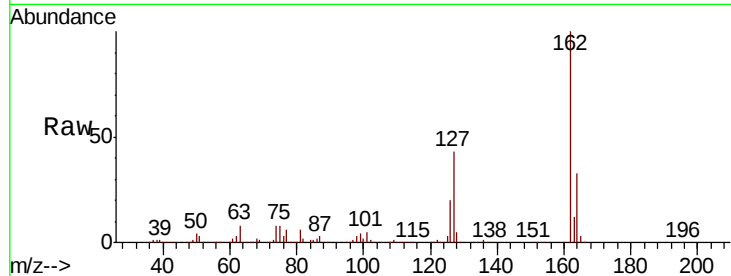
#47
 2-Chloronaphthalene
 Concen: 43.594 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.0	35.0	52.4
164	32.8	27.2	40.8

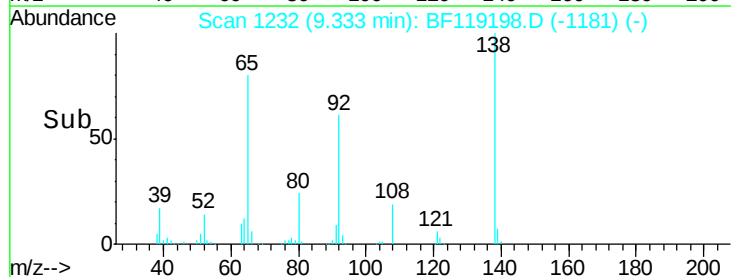
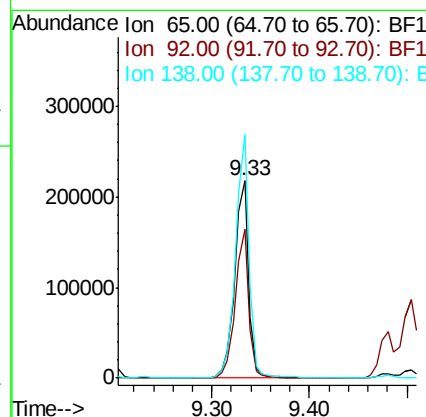
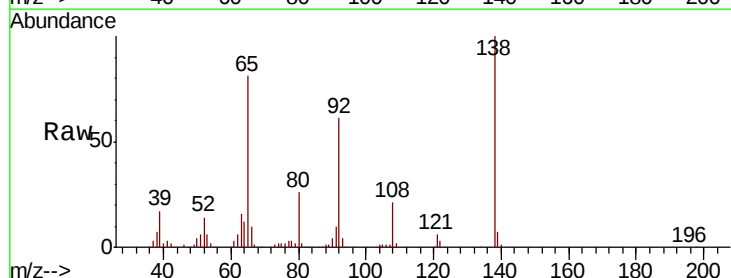
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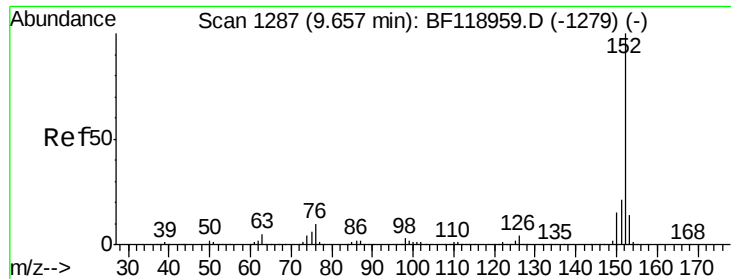
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#48
 2-Nitroaniline
 Concen: 44.044 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.6	58.2	87.2
138	123.4	95.6	143.4





#49

Acenaphthylene

Concen: 44.844 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-007-ABCDMS

Tot Ion:152 Resp: 1153670

Ion Ratio Lower Upper

152 100

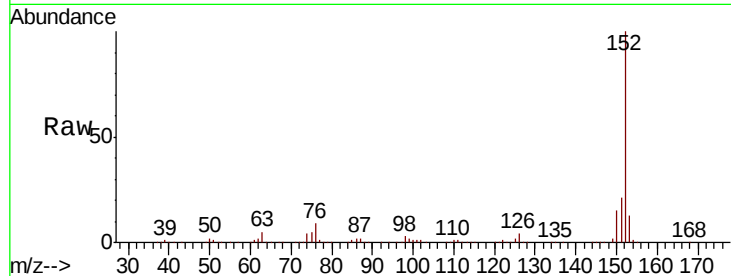
151 20.7 16.9 25.3

153 13.2 11.0 16.6

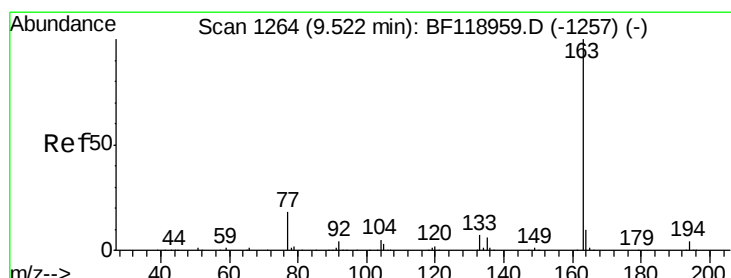
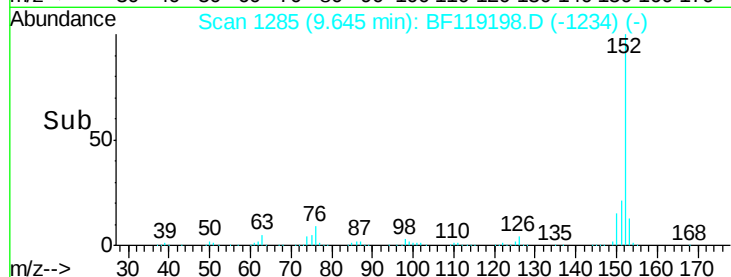
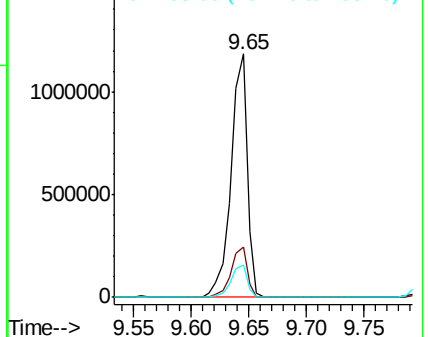
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.034 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

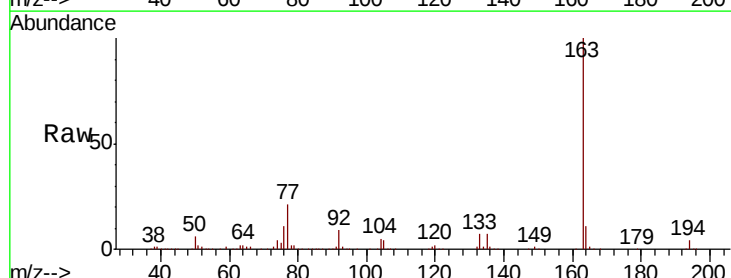
Tgt Ion:163 Resp: 1046374

Ion Ratio Lower Upper

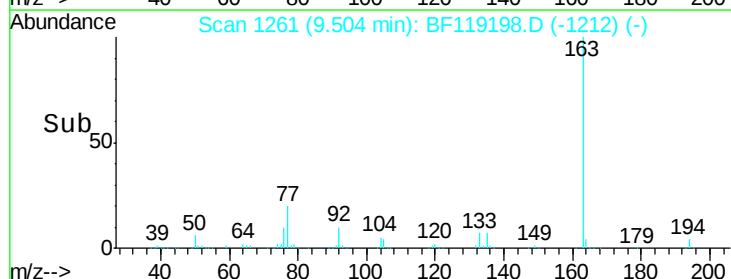
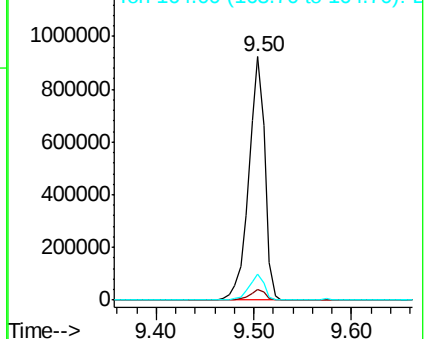
163 100

194 4.2 3.5 5.3

164 10.6 8.4 12.6



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





#51

2,6-Dinitrotoluene

Concen: 44.553 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

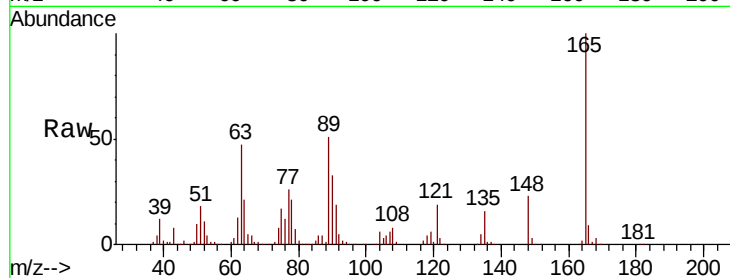
ClientSampleId :

FK-BPM-04-007-ABCDMS

Tot Ion:	165	Resp:	207006
Ion Ratio	Lower	Upper	
165	100		
63	46.9	34.3	51.5
89	51.0	38.3	57.5

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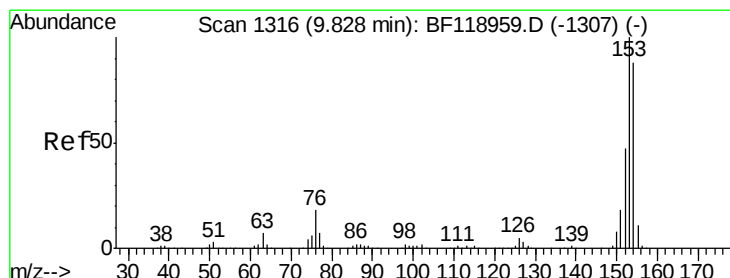
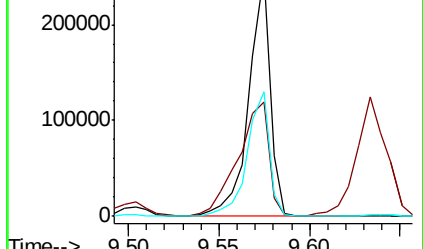
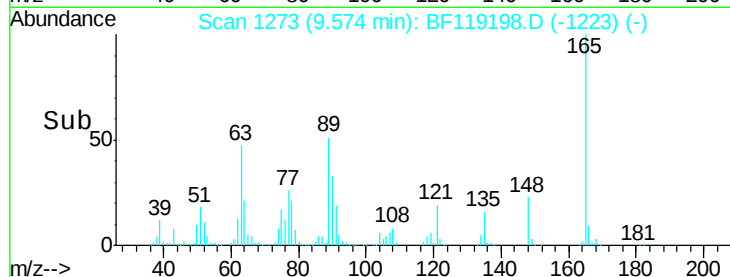


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



#52

Acenaphthene

Concen: 43.995 ng

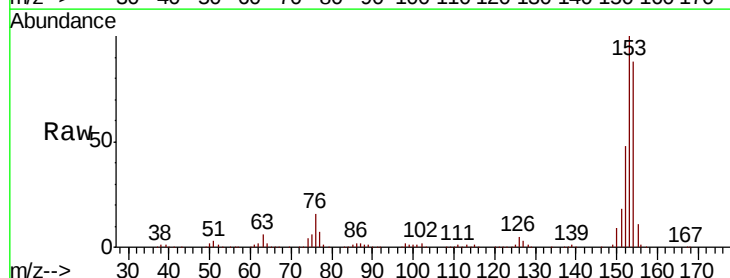
RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Tgt Ion:	154	Resp:	682473
Ion Ratio	Lower	Upper	
154	100		
153	113.0	90.3	135.5
152	54.5	43.8	65.8

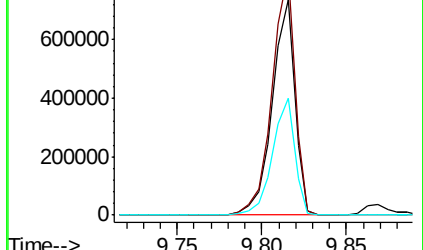
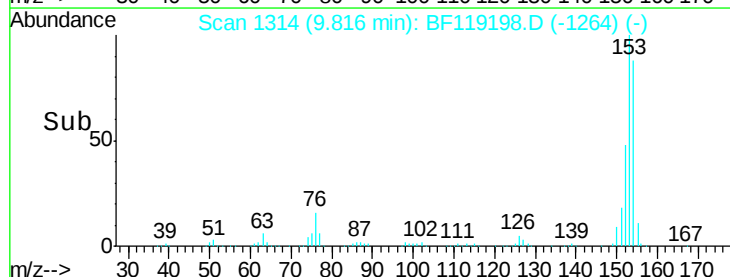


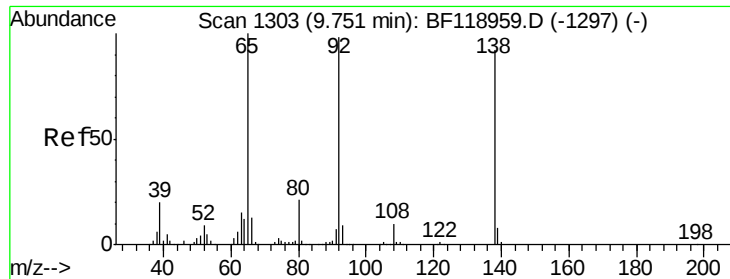
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->





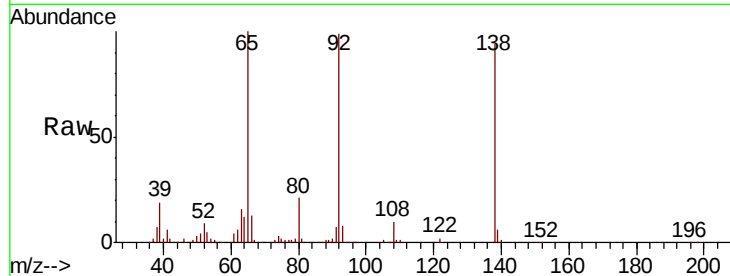
#53
3-Nitroaniline
Concen: 19.068 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMS

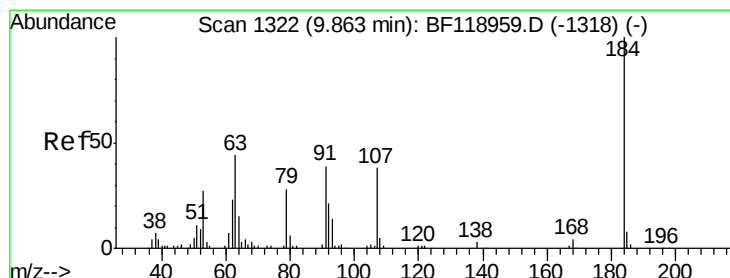
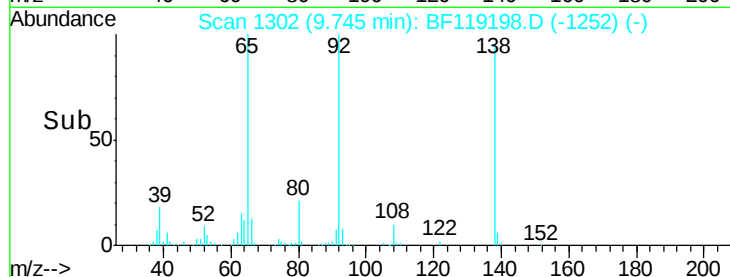
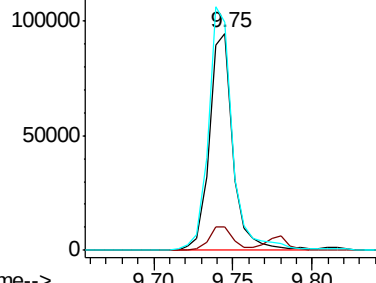
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.8	13.2
92	105.4	84.8	127.2

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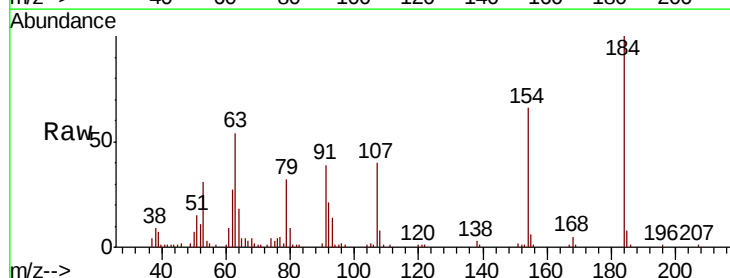


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

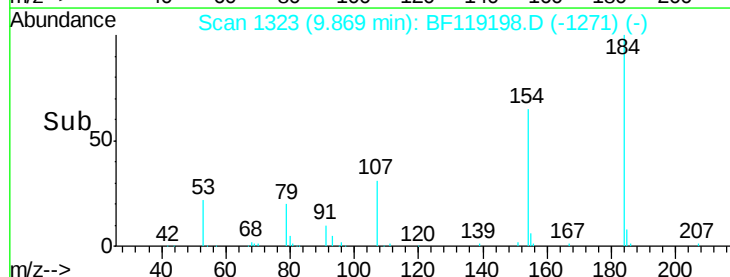
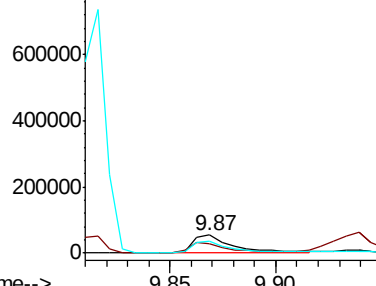


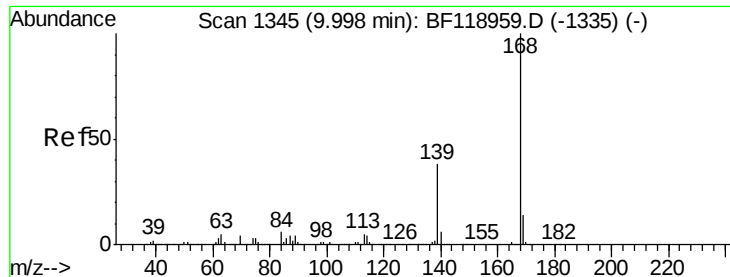
#54
2,4-Dinitrophenol
Concen: 36.388 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.2	38.7	58.1
154	66.3	49.7	74.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





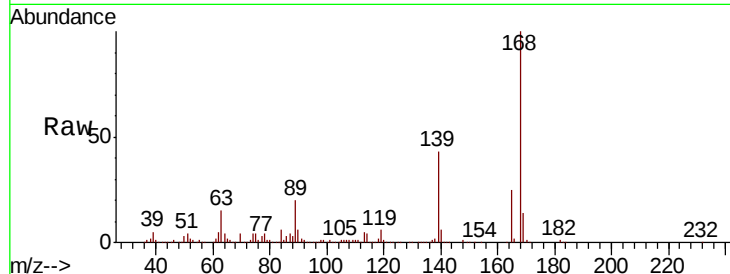
#55
Dibenzofuran
Concen: 43.328 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.6	34.0	51.0
169	13.7	11.0	16.4

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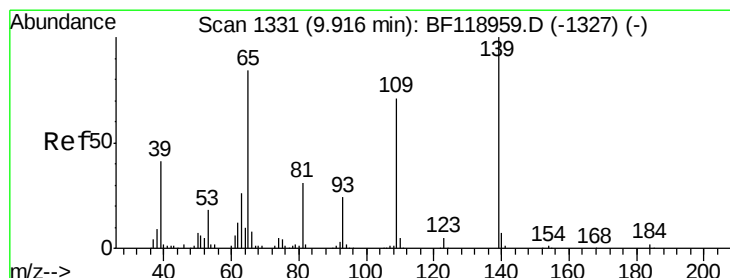
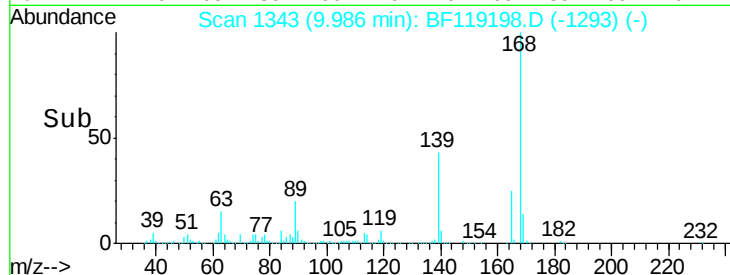
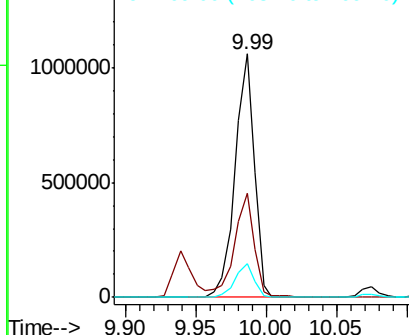


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 59.422 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.02 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

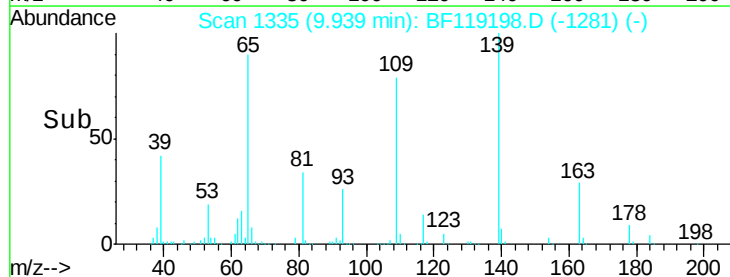
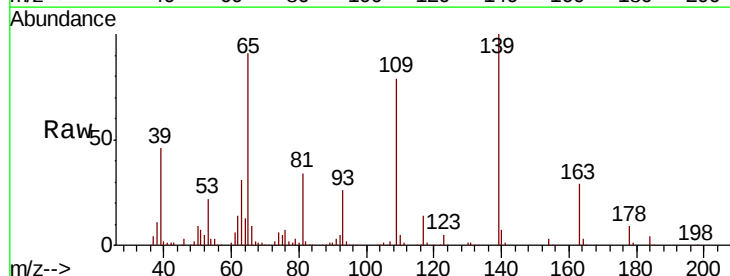
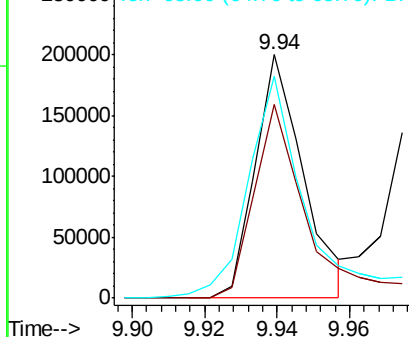
Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.4	56.7	96.7
65	91.0	65.0	105.0

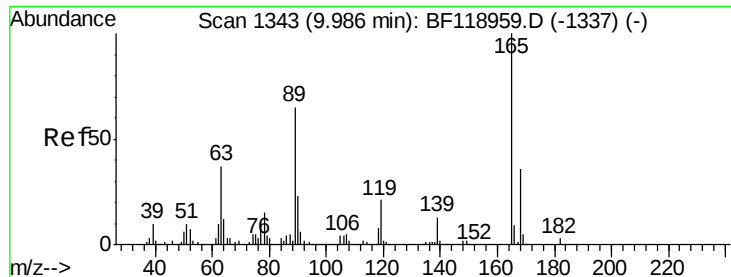
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





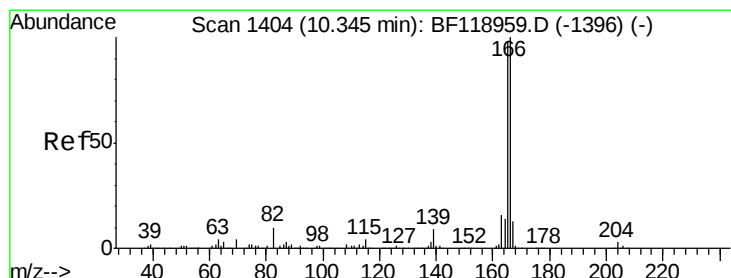
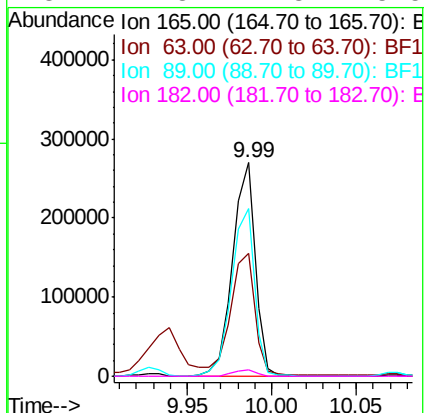
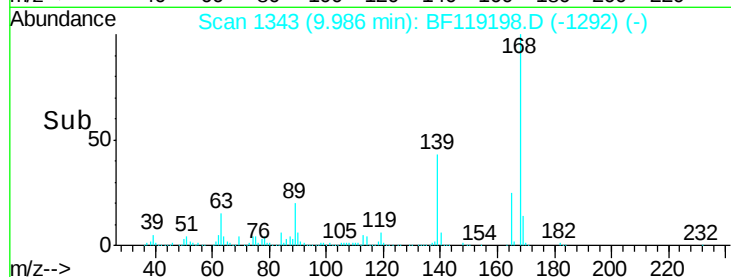
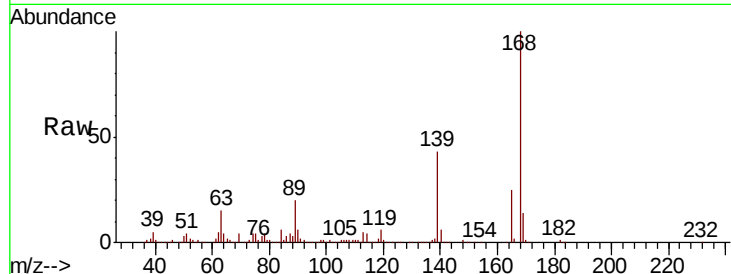
#57
 2,4-Dinitrotoluene
 Concen: 42.002 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	252957		
63	57.6	42.3	63.5	
89	78.6	60.2	90.4	
182	2.8	2.3	3.5	

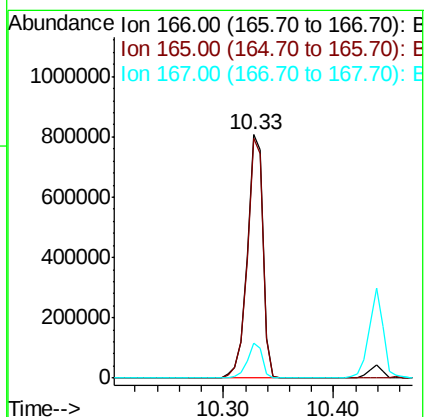
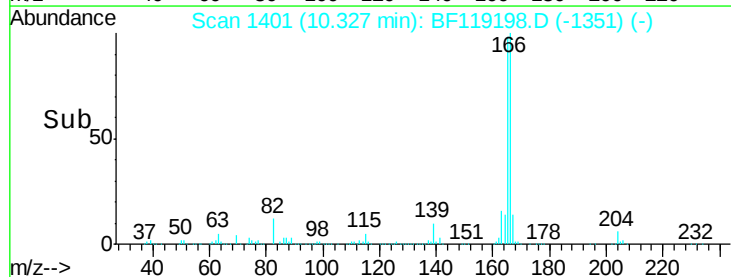
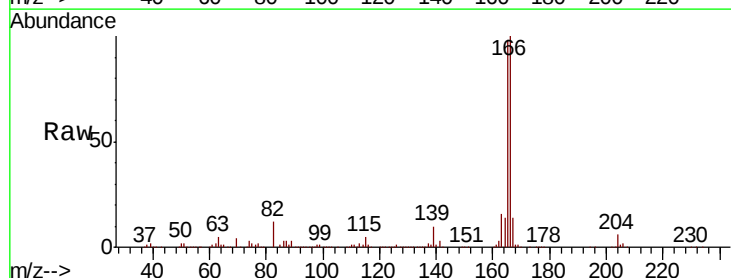
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#58
 Fluorene
 Concen: 44.726 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	804693		
165	98.3	78.5	117.7	
167	14.1	11.0	16.4	





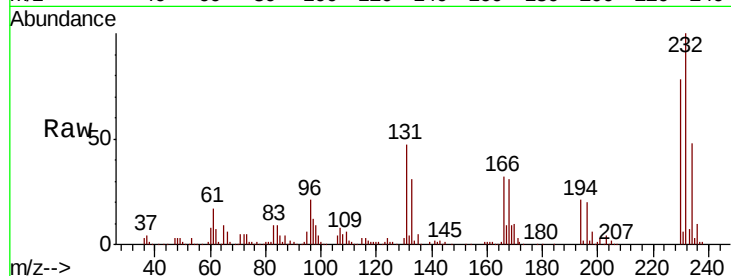
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.916 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-007-ABCDMS

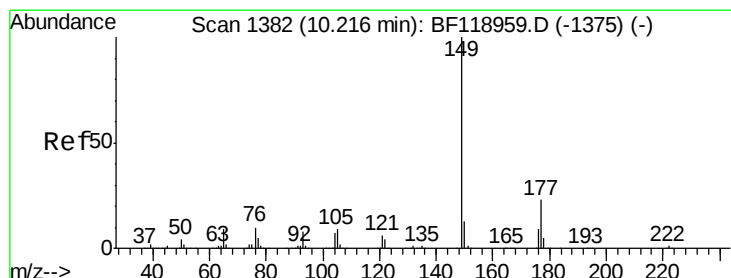
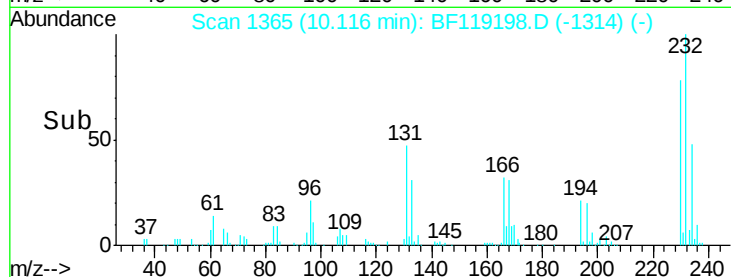
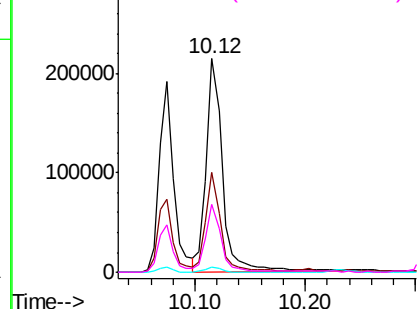
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.0	33.8	50.8
130	2.3	1.8	2.6
166	29.2	23.0	34.4

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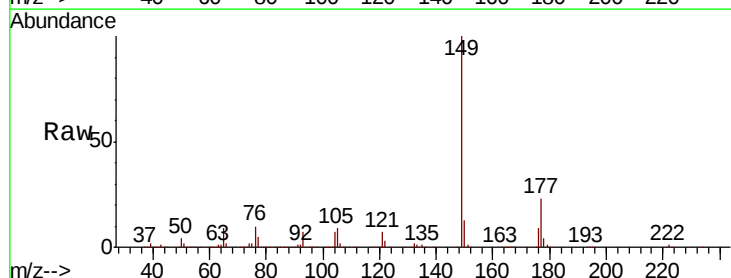


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

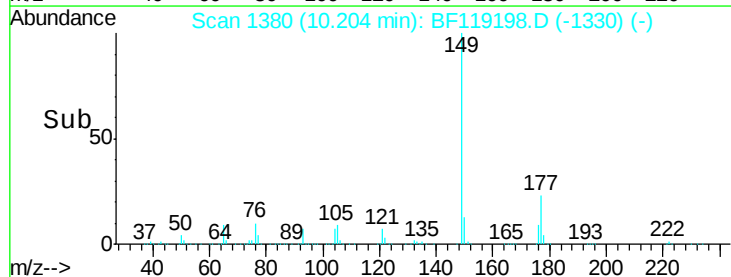
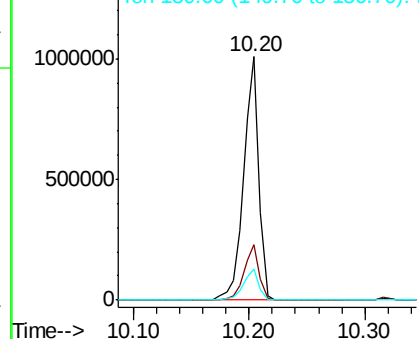


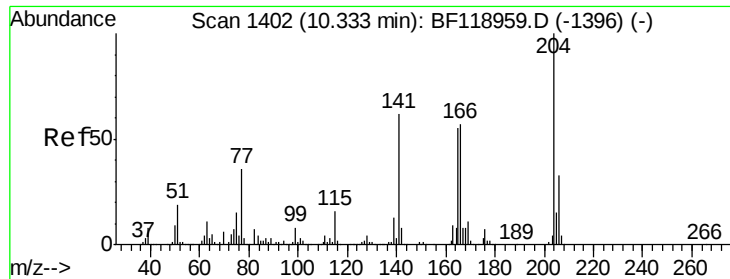
#60
 Diethylphthalate
 Concen: 46.174 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.2	27.2
150	12.7	10.5	15.7



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





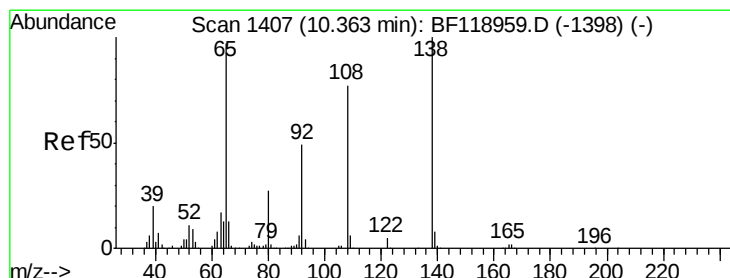
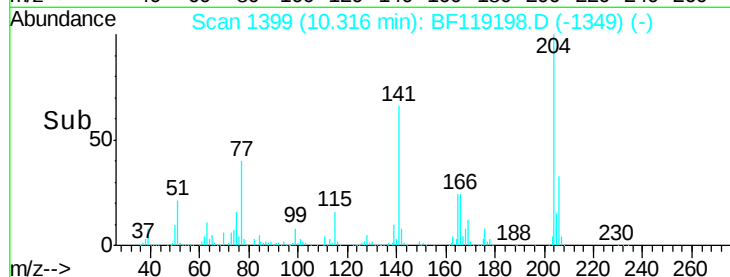
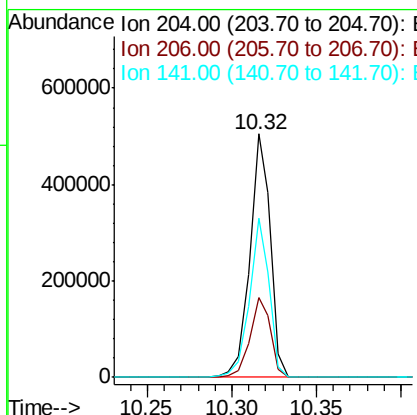
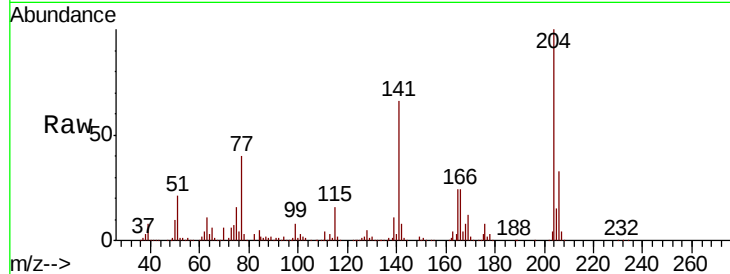
#61
 4-Chlorophenyl-phenylether
 Concen: 45.009 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-007-ABCDMS

Tot Ion:	204	Resp:	428632
Ion Ratio		Lower	Upper
204	100		
206	32.9	27.1	40.7
141	65.6	52.9	79.3

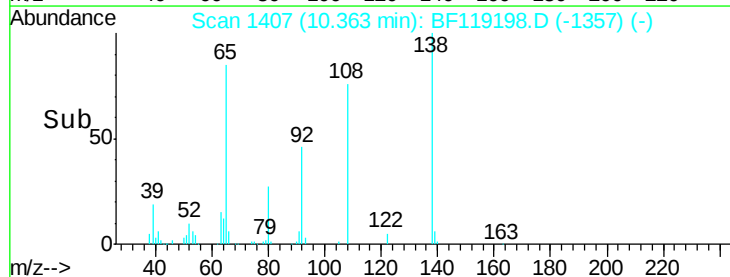
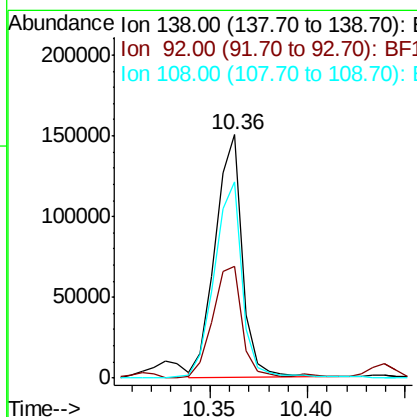
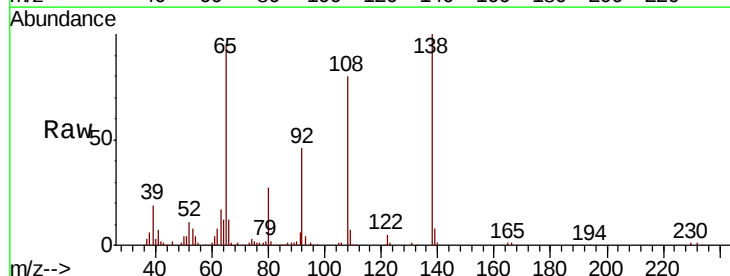
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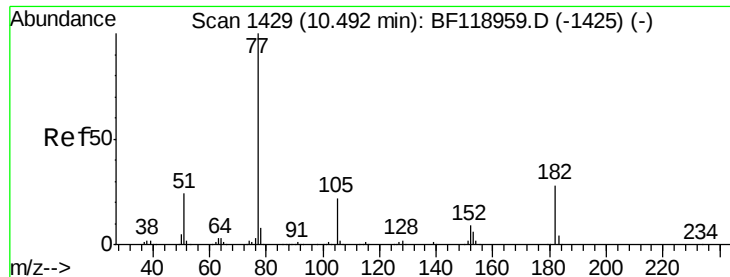
mohammad
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#62
 4-Nitroaniline
 Concen: 27.422 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Tgt Ion:	138	Resp:	144515
Ion Ratio		Lower	Upper
138	100		
92	46.0	27.3	67.3
108	80.4	57.0	97.0





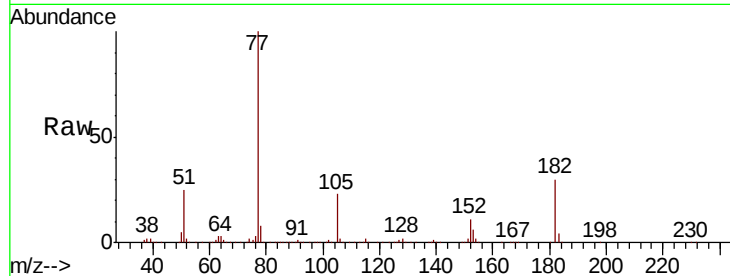
#63
Azobenzene
Concen: 45.145 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMS

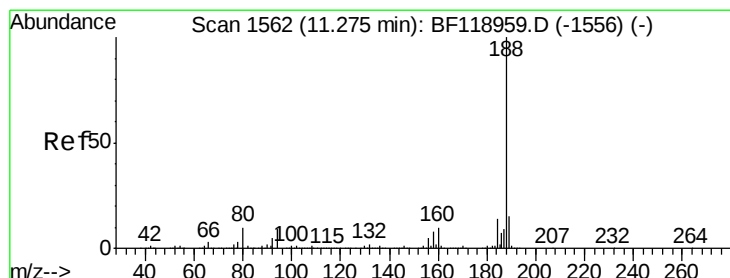
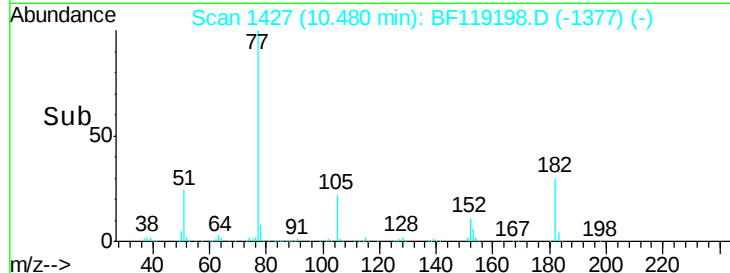
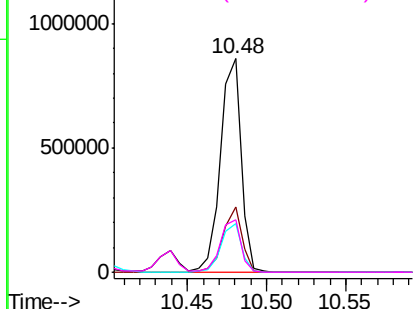
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.3	11.4	51.4	
105	22.9	3.4	43.4	
51	24.5	5.1	45.1	

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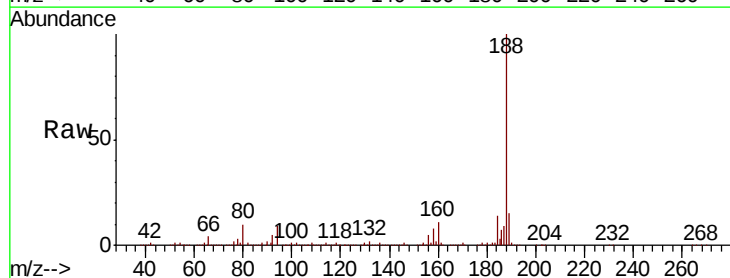


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

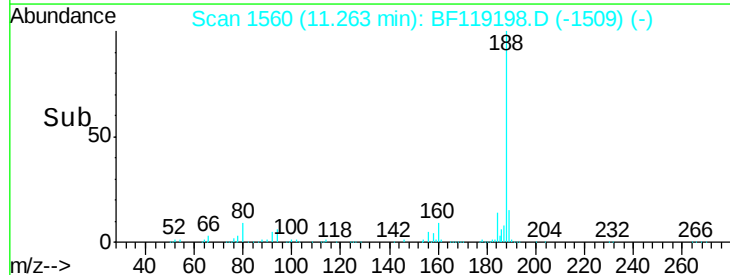
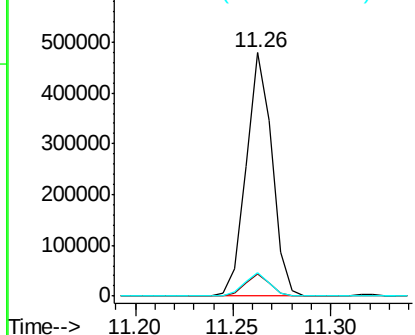


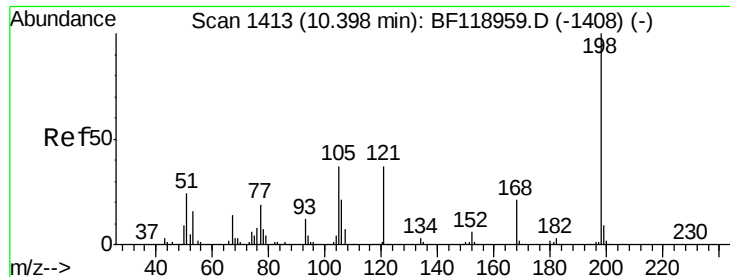
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.9	7.1	10.7	
80	9.7	7.8	11.8	



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: 26.714 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-007-ABCDMS

Tot Ion:198 Resp: 70918

Ion Ratio Lower Upper

198 100

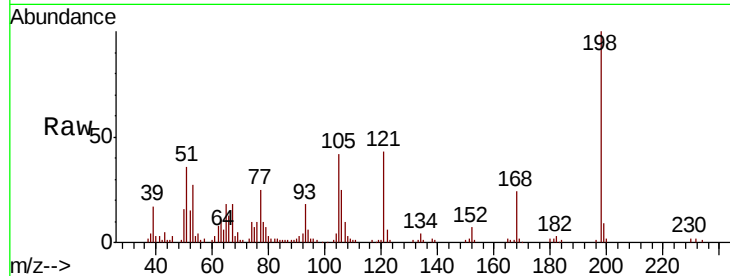
51 35.8 14.2 54.2

105 42.3 22.7 62.7

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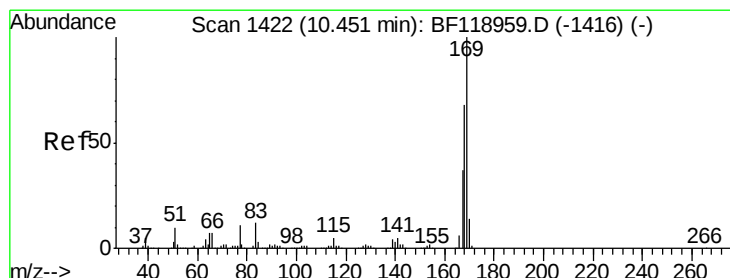
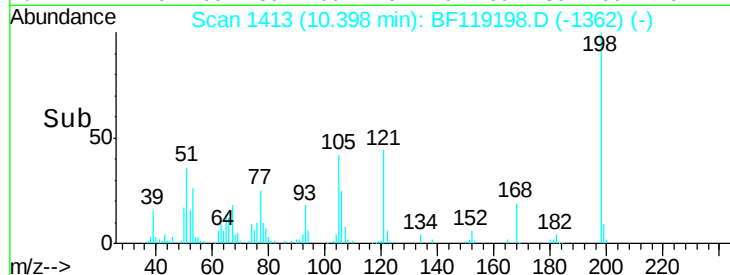
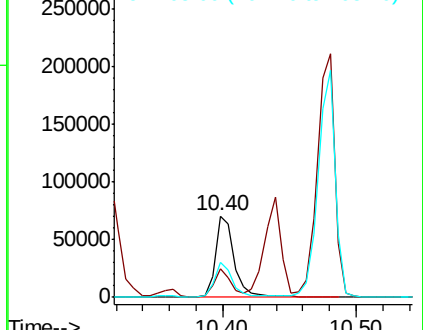
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 50.731 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

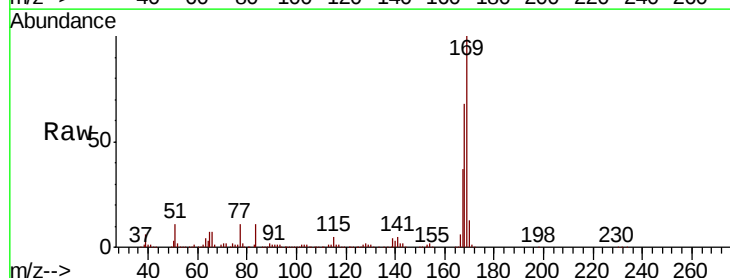
Tgt Ion:169 Resp: 728766

Ion Ratio Lower Upper

169 100

168 67.9 54.1 81.1

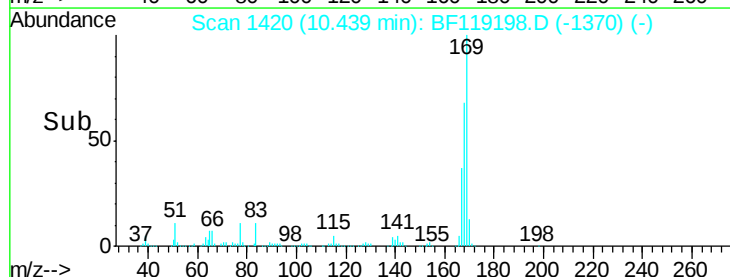
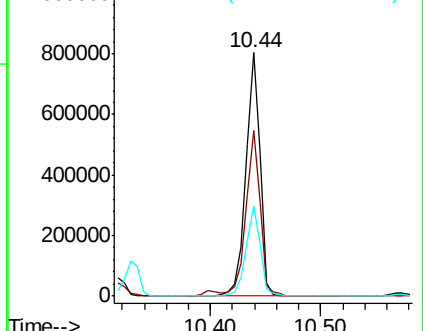
167 37.0 29.4 44.0

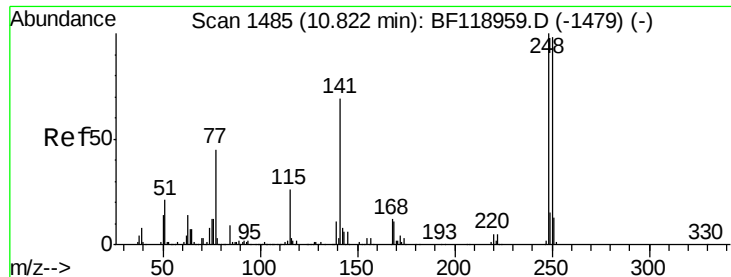


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





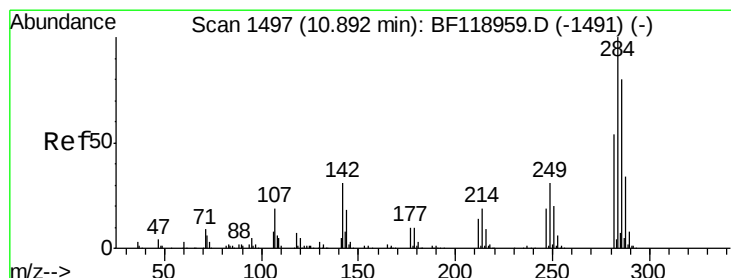
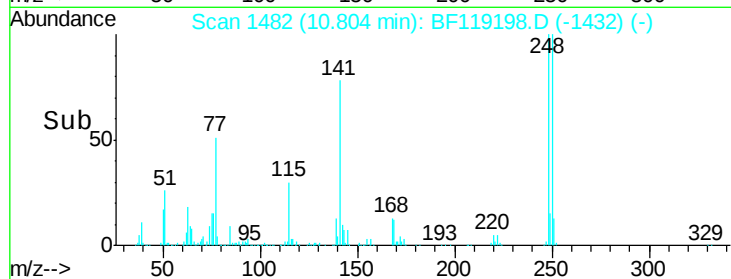
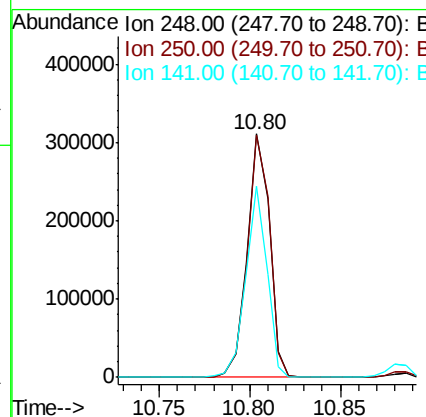
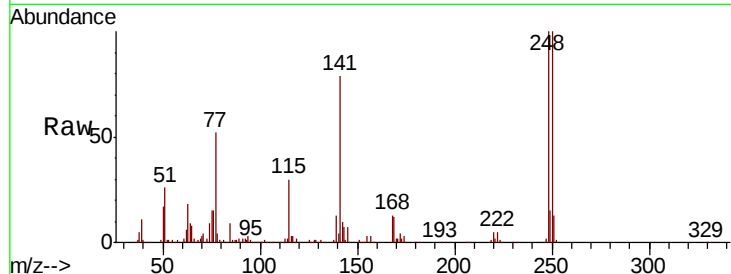
#67
4-Bromophenyl-phenylether
Concen: 46.583 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	76.7	115.1
141	78.6	60.7	91.1

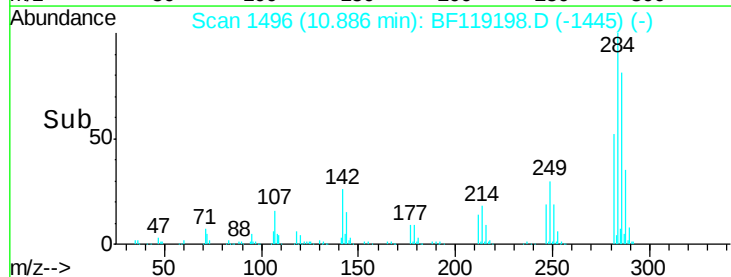
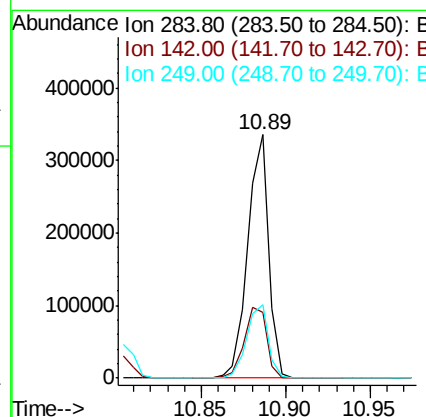
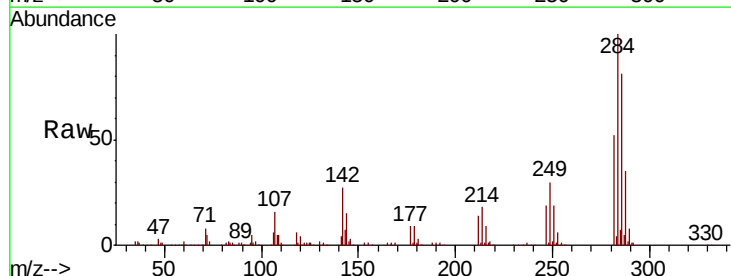
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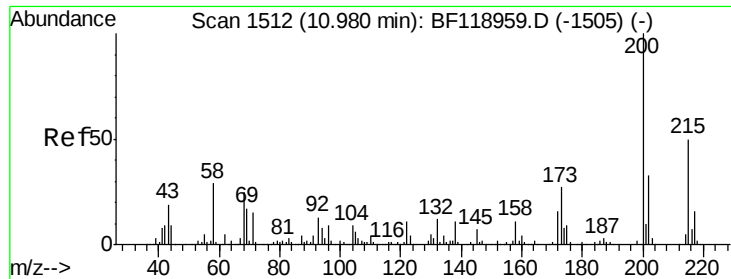
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#68
Hexachlorobenzene
Concen: 44.015 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.8	23.7	35.5
249	29.9	25.0	37.6





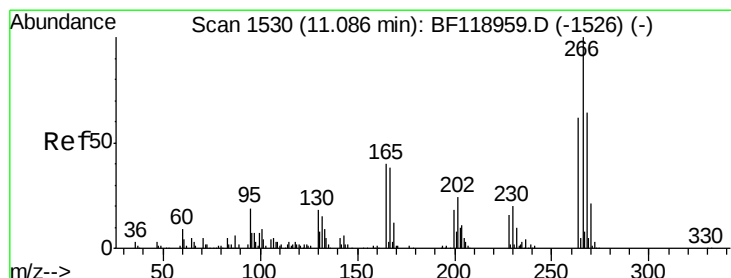
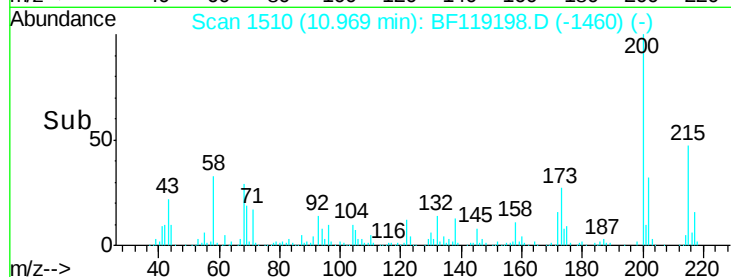
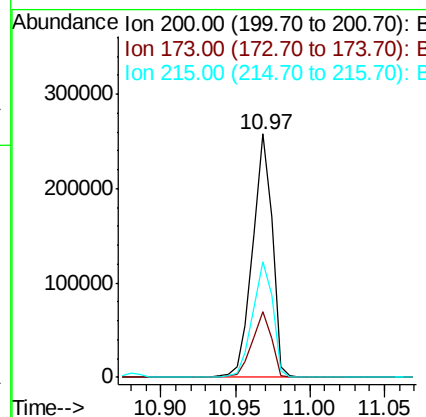
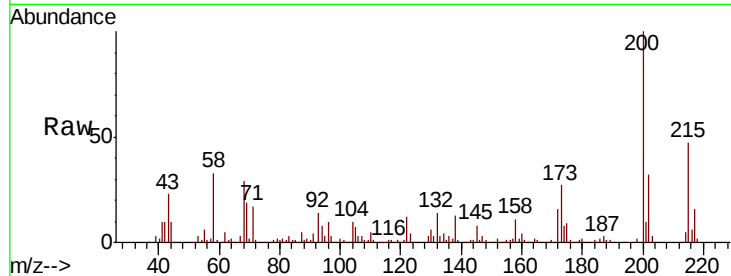
#69
Atrazine
Concen: 46.742 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.4	46.4
215	47.4	27.4	67.4

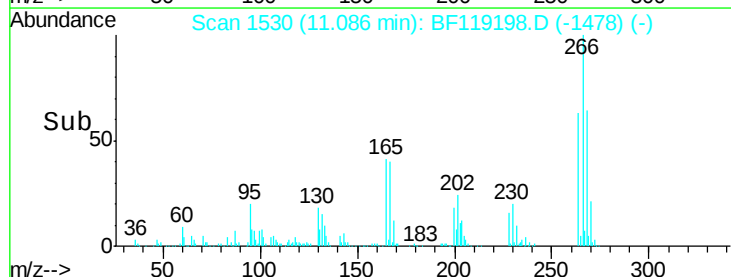
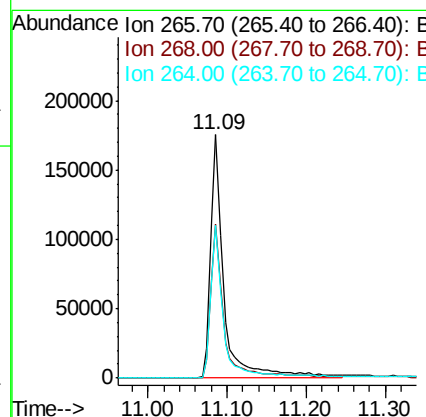
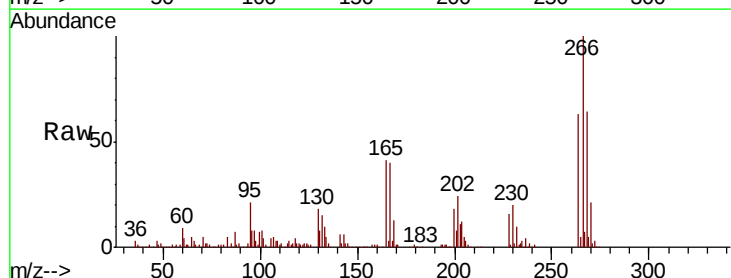
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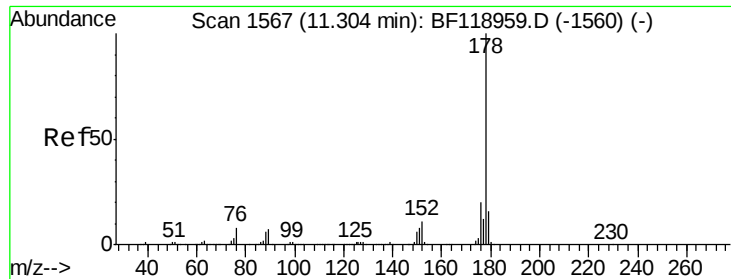
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#70
Pentachlorophenol
Concen: 79.206 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.9	77.9
264	62.8	51.0	76.4





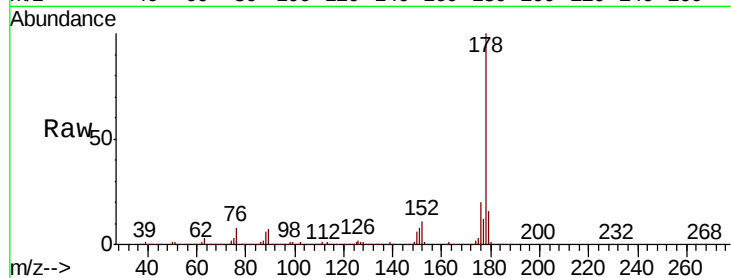
#71
Phenanthrene
Concen: 44.437 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMS

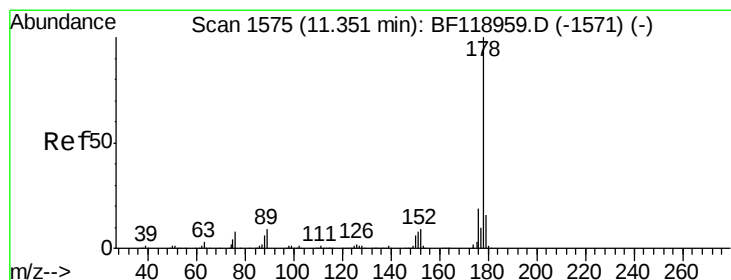
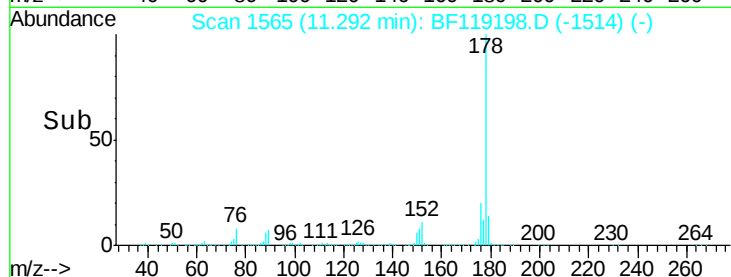
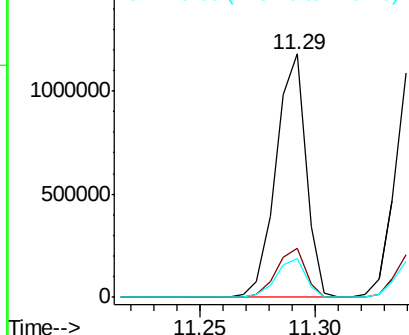
Tot Ion:178 Resp: 1063184
Ion Ratio Lower Upper
178 100
176 19.9 16.5 24.7
179 15.7 13.0 19.6

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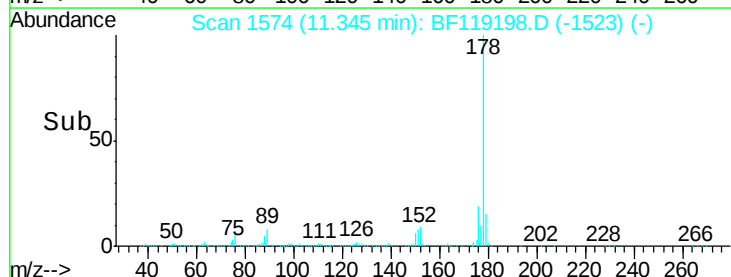
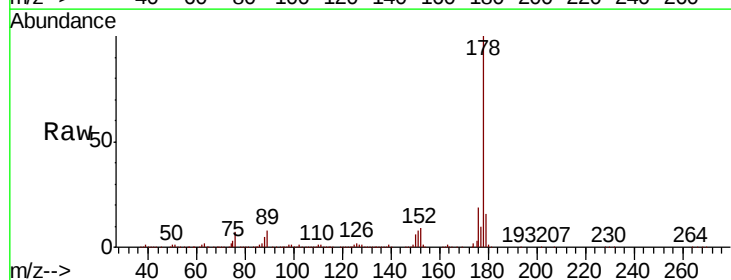
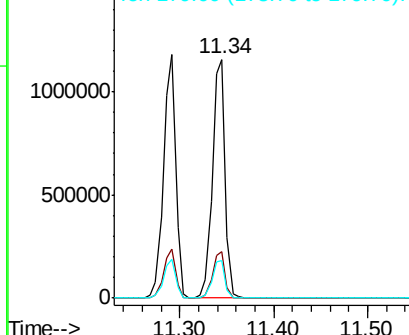
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 46.615 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion:178 Resp: 1114357
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.5 13.1 19.7

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





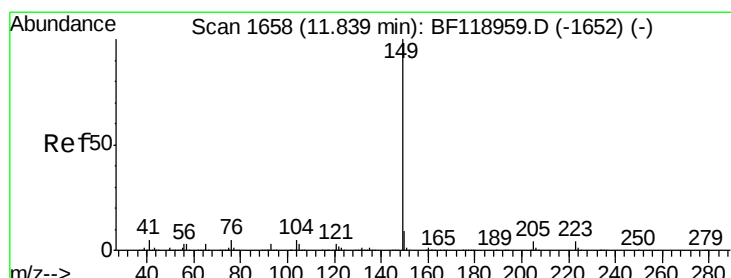
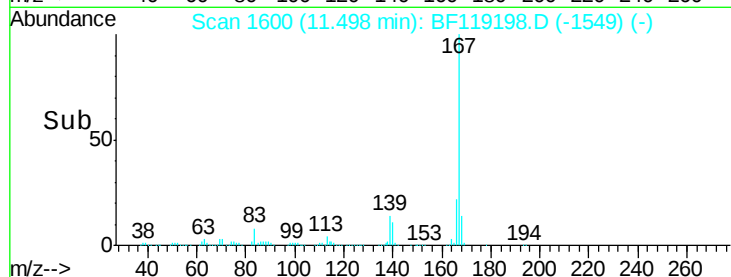
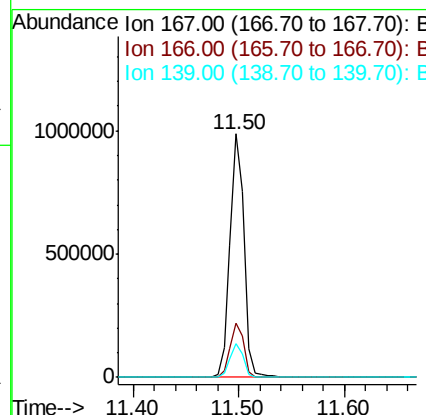
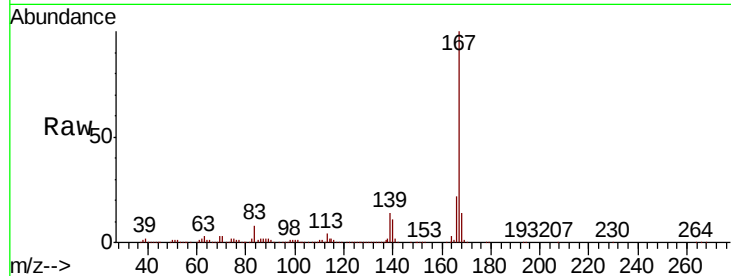
#73
 Carbazole
 Concen: 42.759 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	14.1	11.7	17.5

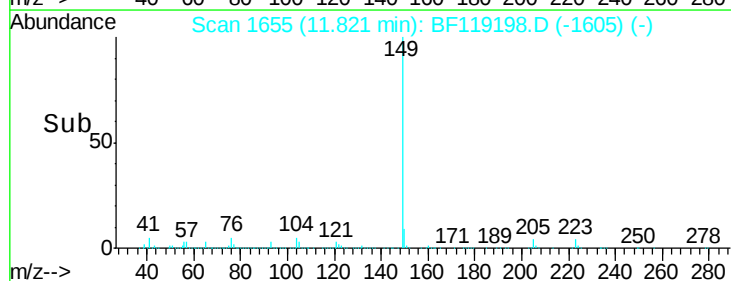
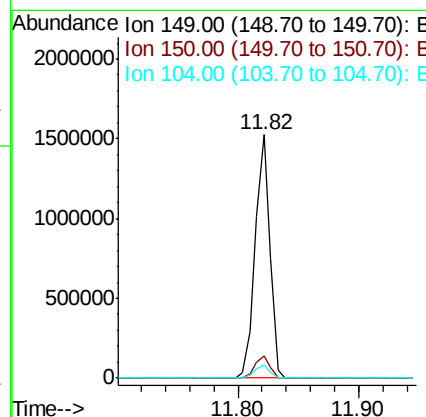
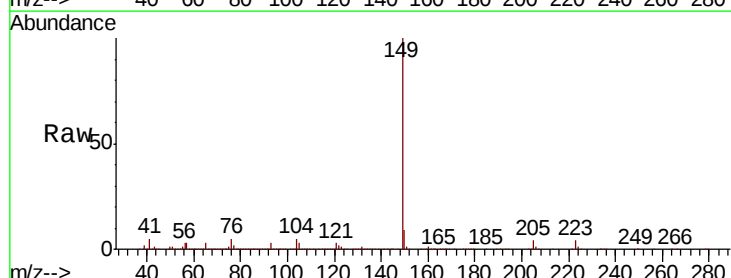
Manual Integrations
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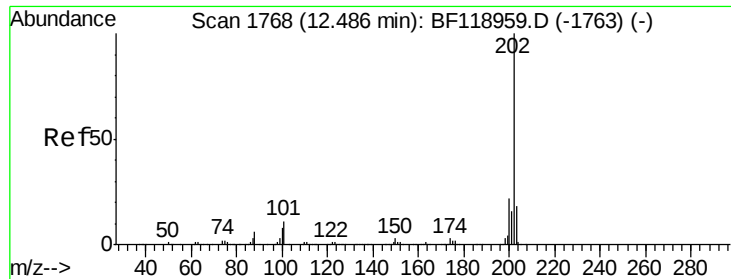
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#74
 Di-n-butylphthalate
 Concen: 50.510 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.2	4.6	6.8





#75

Fluoranthene

Concen: 37.683 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

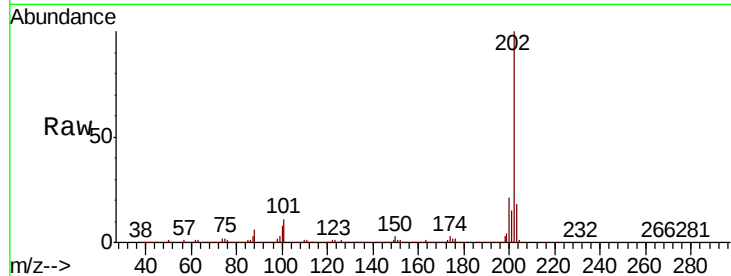
ClientSampleId :

FK-BPM-04-007-ABCDMS

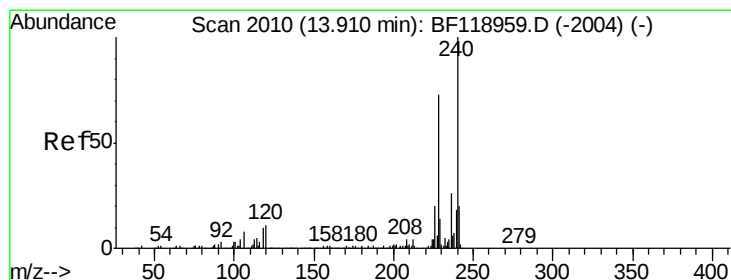
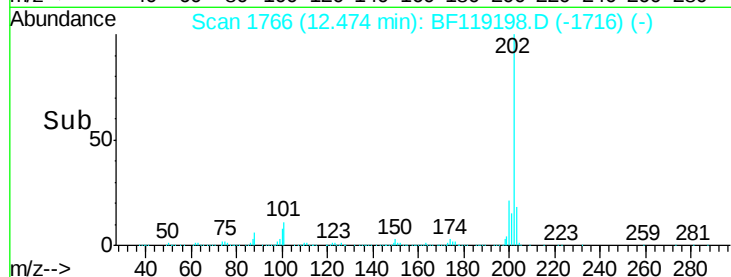
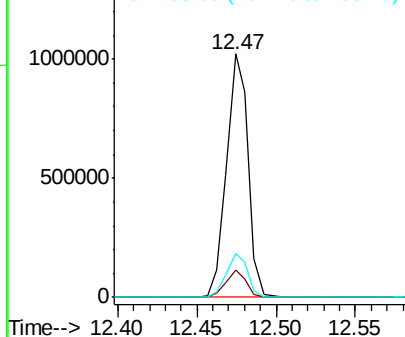
Tot Ion:	202	Resp:	957010
Ion Ratio		Lower	Upper
202	100		
101	11.1	0.0	30.3
203	17.8	0.0	38.4

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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

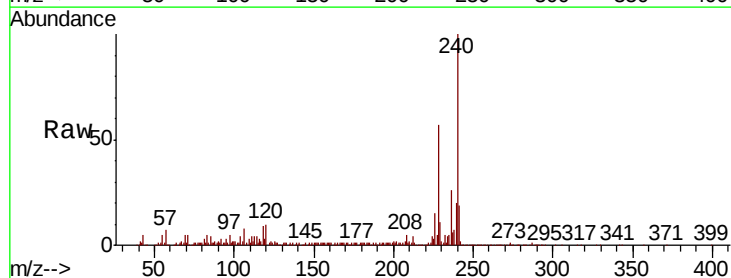
RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

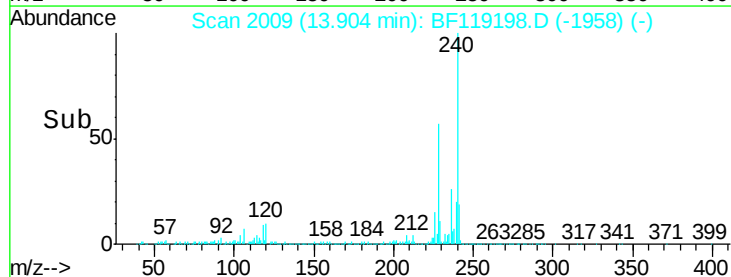
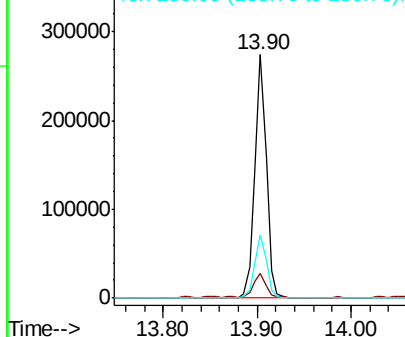
Lab File: BF119198.D

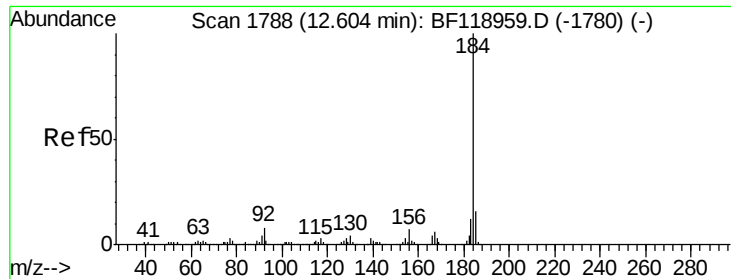
Acq: 4 Mar 2020 16:53

Tgt Ion:	240	Resp:	232521
Ion Ratio		Lower	Upper
240	100		
120	10.0	8.4	12.6
236	26.2	21.0	31.4



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





#77

Benzidine

Concen: 59.055 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

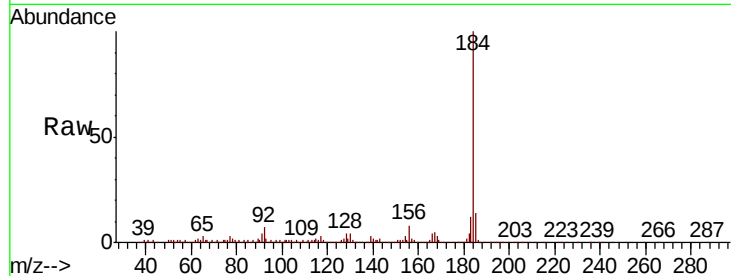
ClientSampleId :

FK-BPM-04-007-ABCDMS

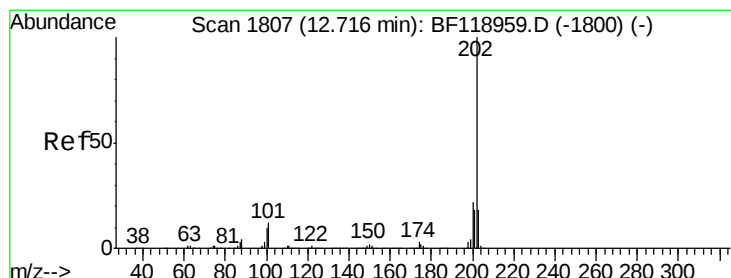
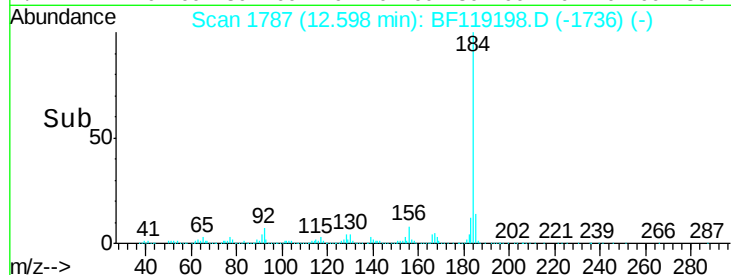
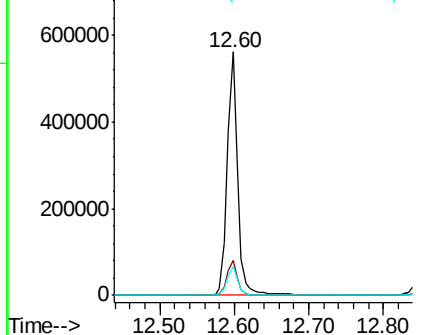
Tot Ion:	184	Resp:	558450
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.2	18.4
183	12.0	9.9	14.9

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.119 ng

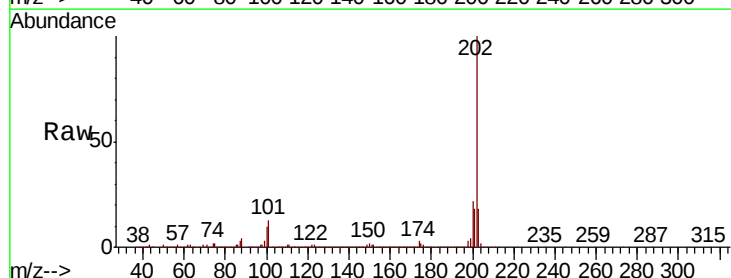
RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

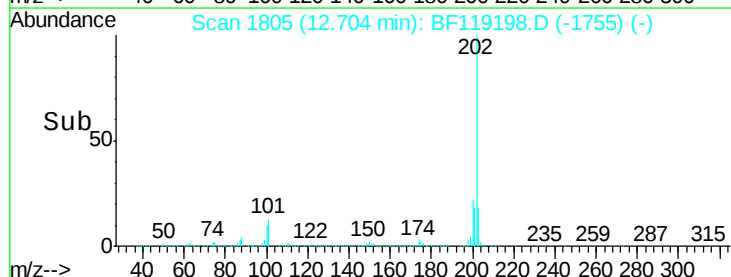
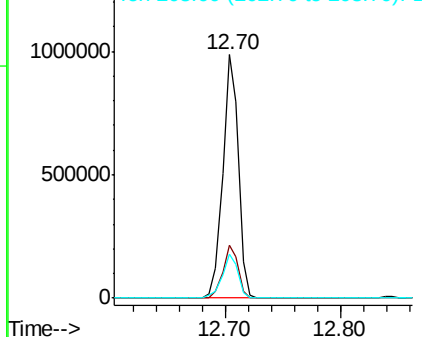
Lab File: BF119198.D

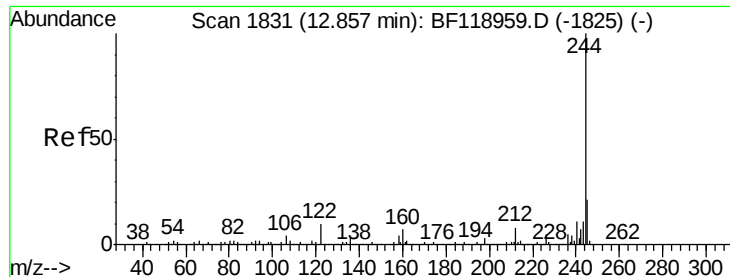
Acq: 4 Mar 2020 16:53

Tgt Ion:	202	Resp:	917110
Ion Ratio	Lower	Upper	
202	100		
200	21.6	18.0	27.0
203	18.0	14.6	22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.474 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-007-ABCDMS

Tot Ion:244 Resp: 1316435

Ion Ratio Lower Upper

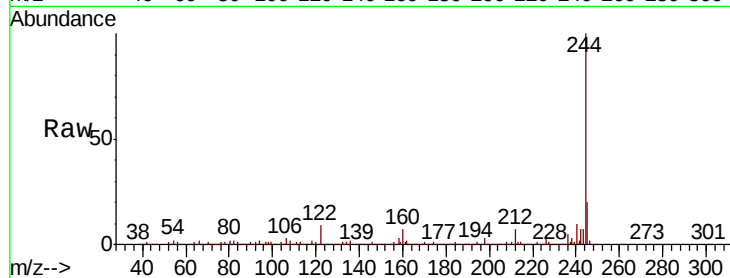
244 100

212 7.1 6.6 10.0

122 8.9 8.2 12.2

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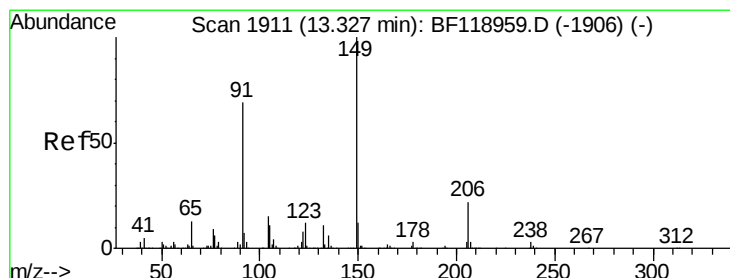
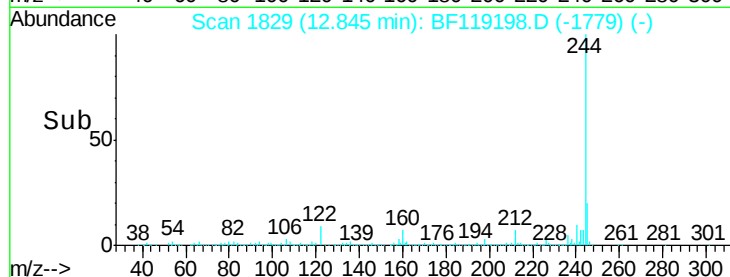
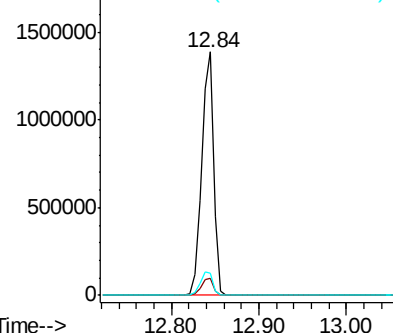
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 53.295 ng

RT: 13.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

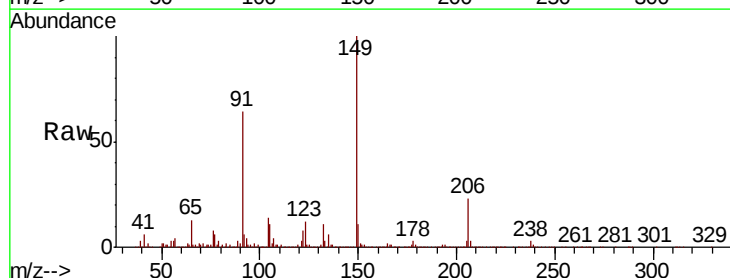
Tgt Ion:149 Resp: 418804

Ion Ratio Lower Upper

149 100

91 64.3 52.3 78.5

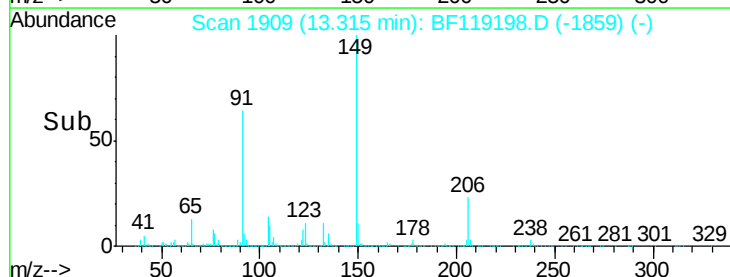
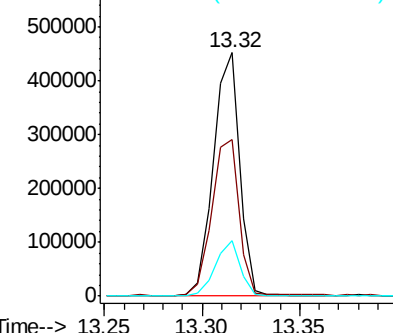
206 22.6 18.5 27.7

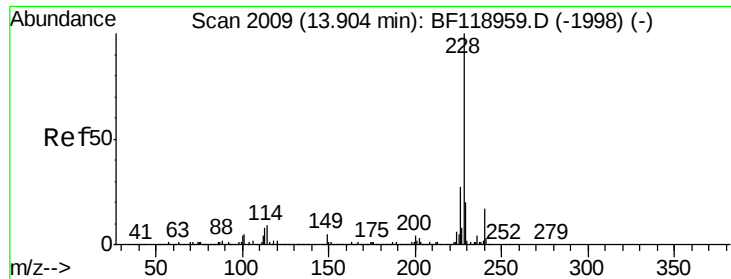


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





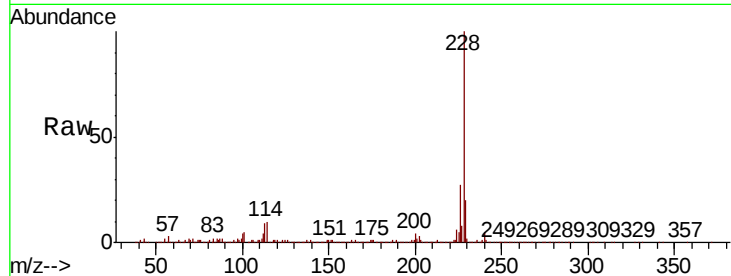
#81
Benzo(a)anthracene
Concen: 47.107 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.5	16.6	24.8

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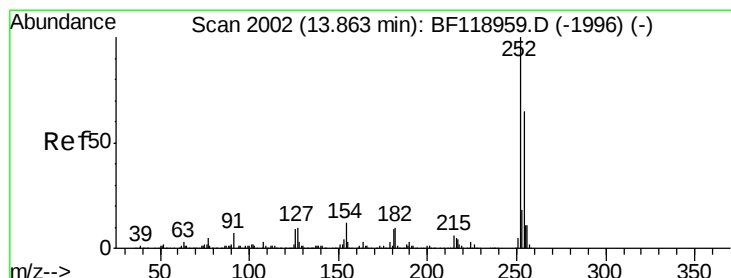
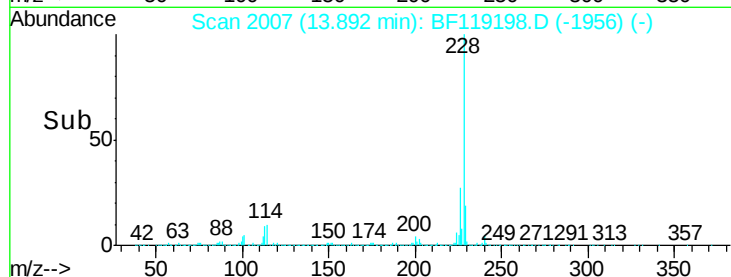
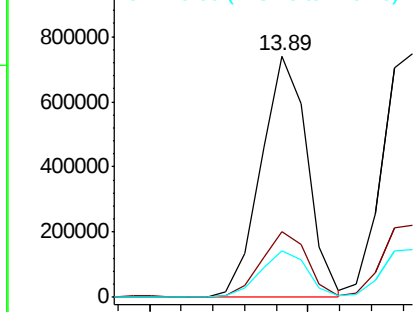


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 42.149 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

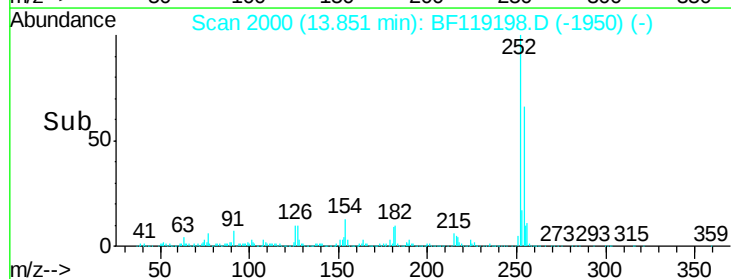
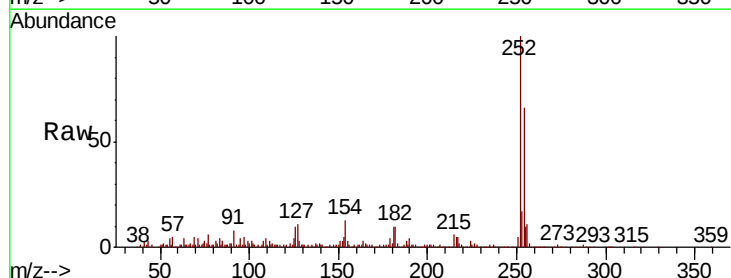
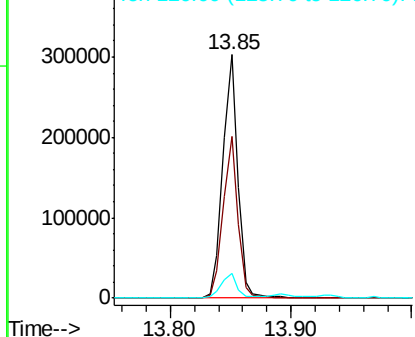
Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.6	77.4
126	10.0	7.4	11.0

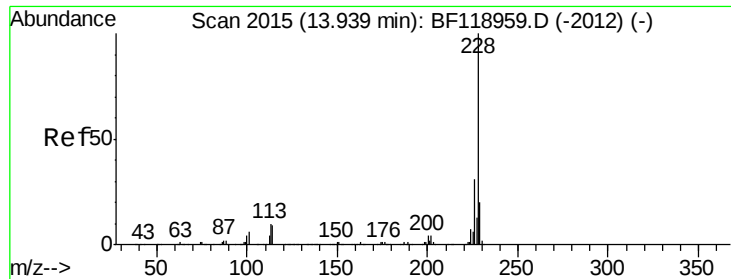
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





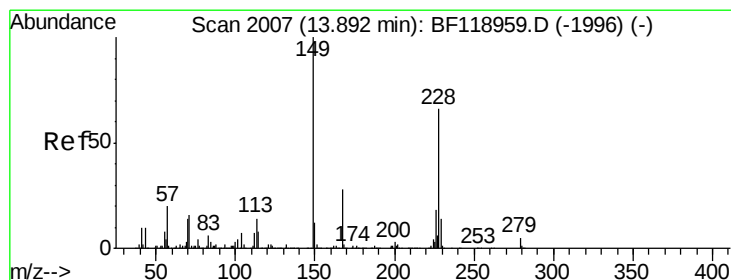
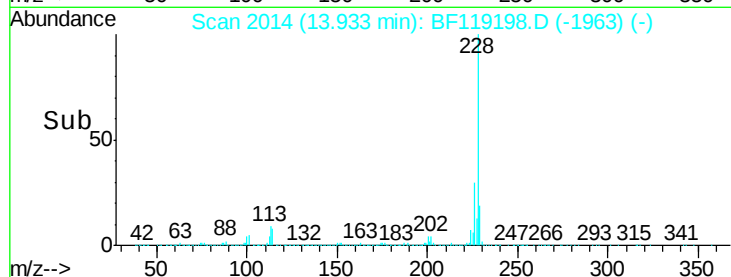
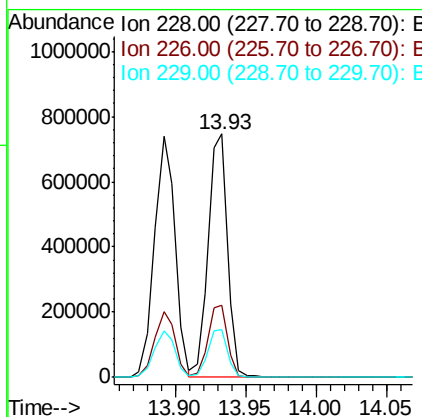
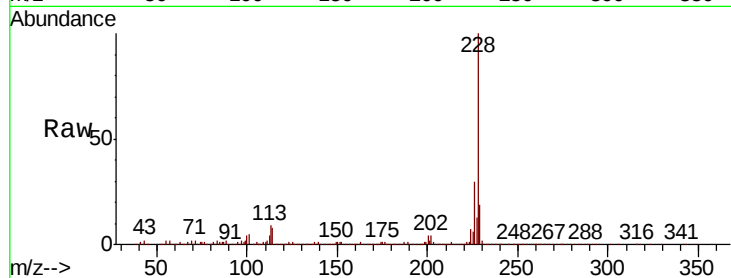
#83
 Chrvsene
 Concen: 44.790 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.1	37.7
229	19.5	16.3	24.5

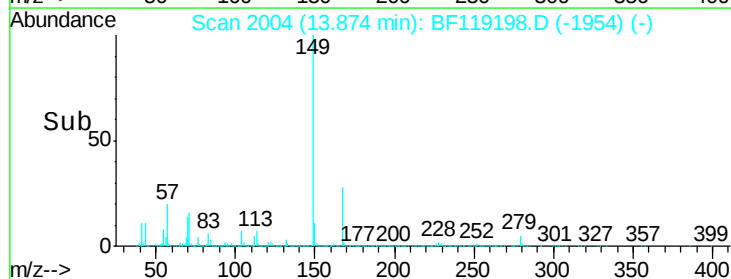
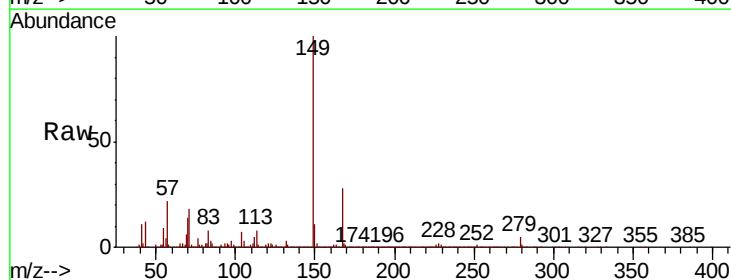
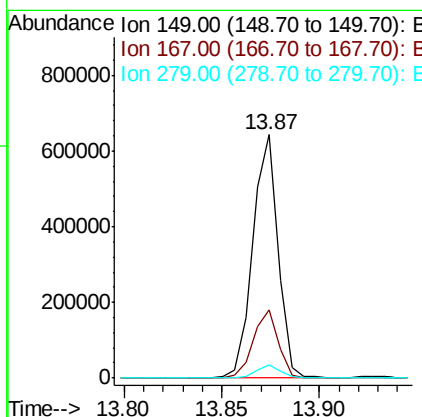
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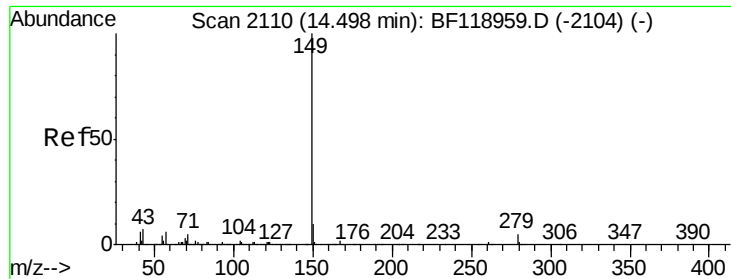
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 57.342 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.8	34.2
279	5.2	4.6	6.8





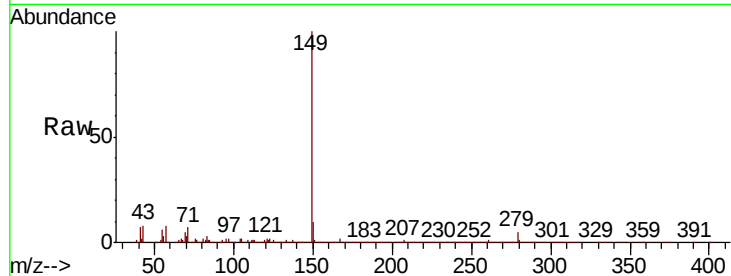
#85
Di-n-octyl phthalate
Concen: 54.515 ng
RT: 14.48 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMS

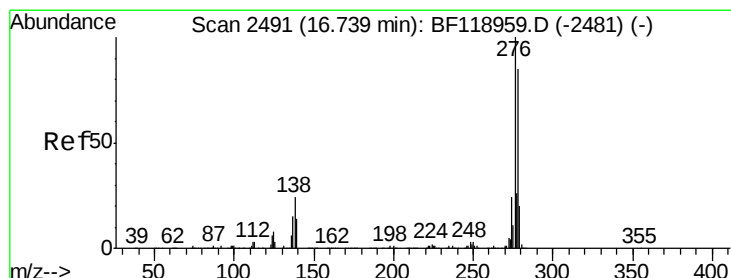
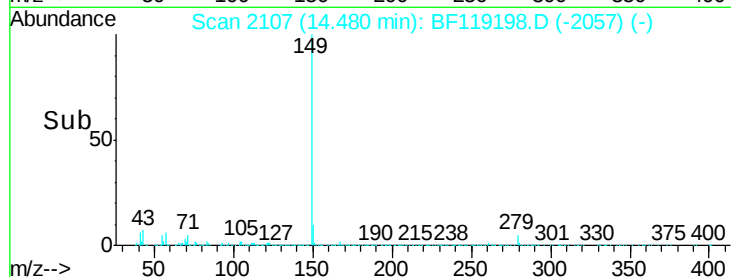
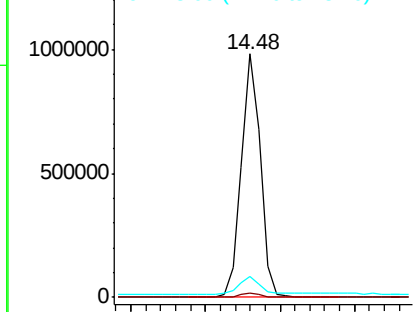
Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	5.7	8.5

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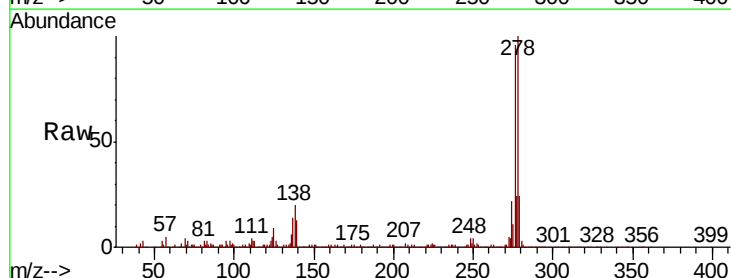


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

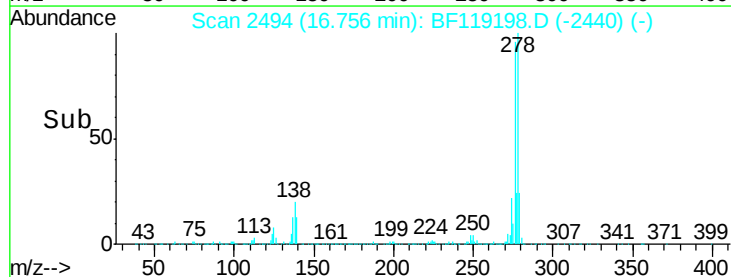
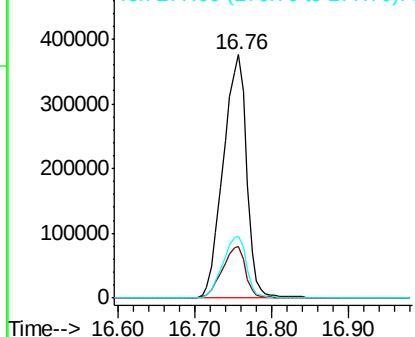


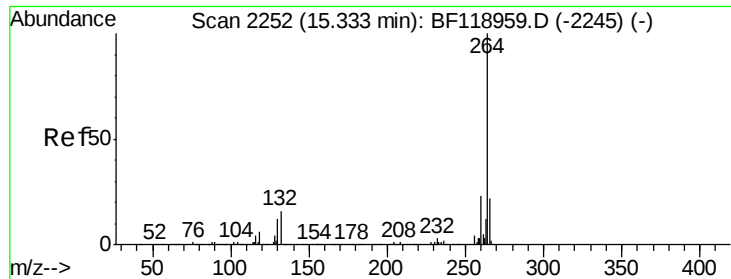
#86
Indeno(1,2,3-cd)pyrene
Concen: 52.064 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.02 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	20.7	17.4	26.0
277	25.6	20.3	30.5



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





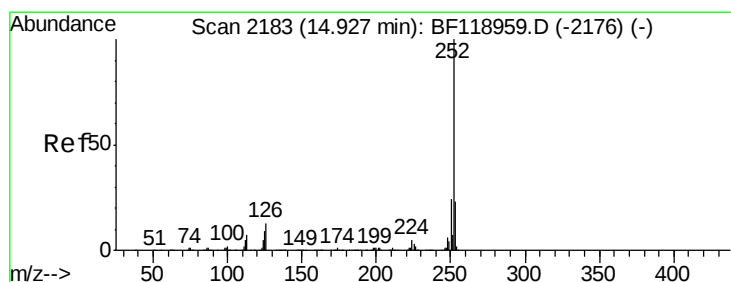
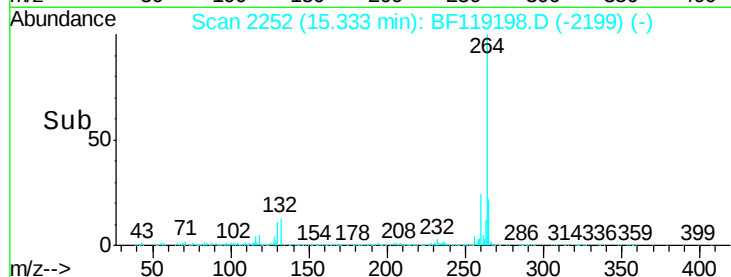
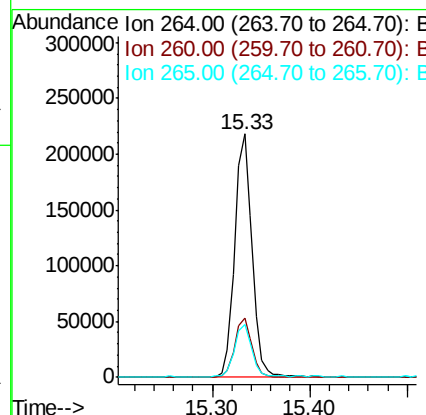
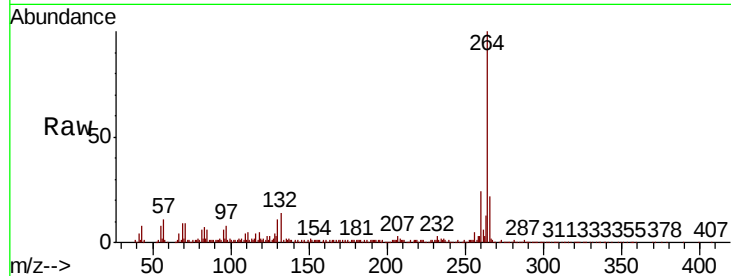
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.0	17.7	26.5

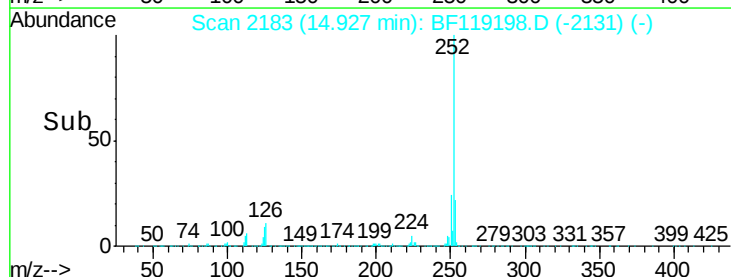
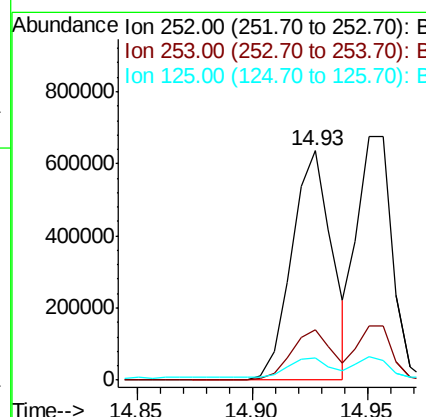
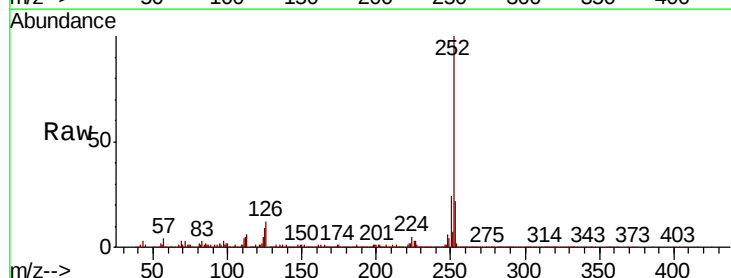
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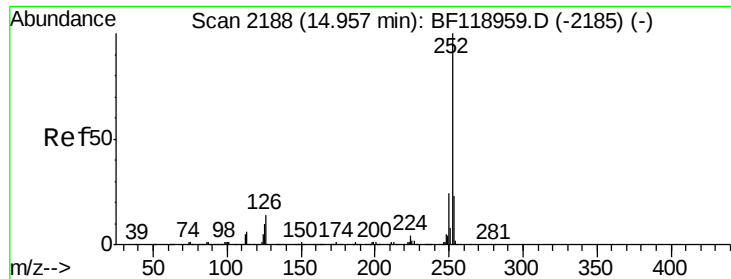
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#88
Benzo(b)fluoranthene
Concen: 43.605 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	9.5	7.4	11.0





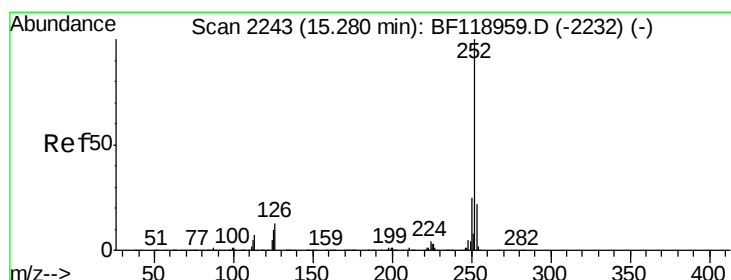
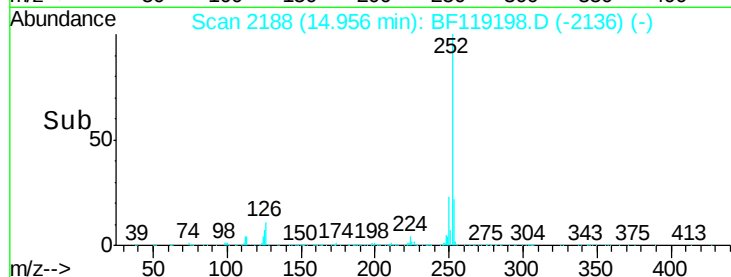
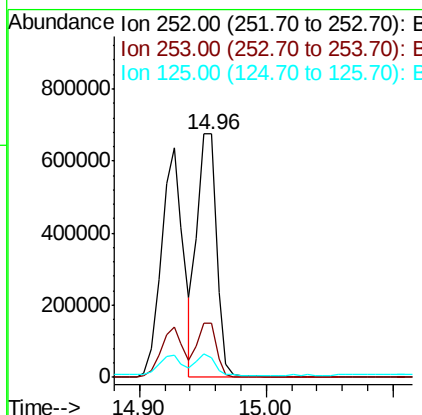
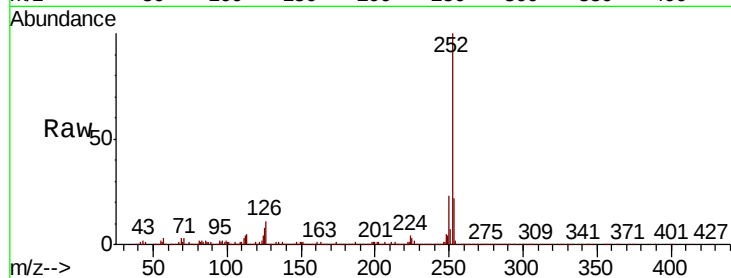
#89
Benzo(k)fluoranthene
Concen: 44.060 ng
RT: 14.96 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	8.2	7.5	11.3

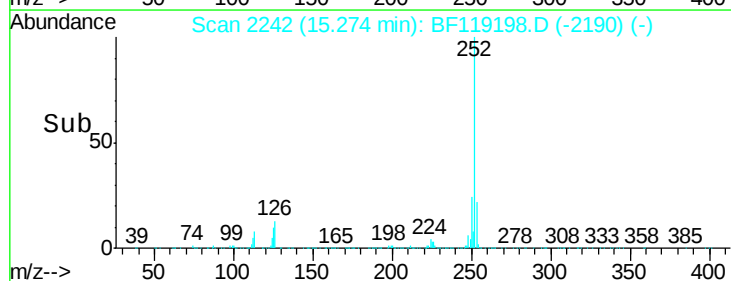
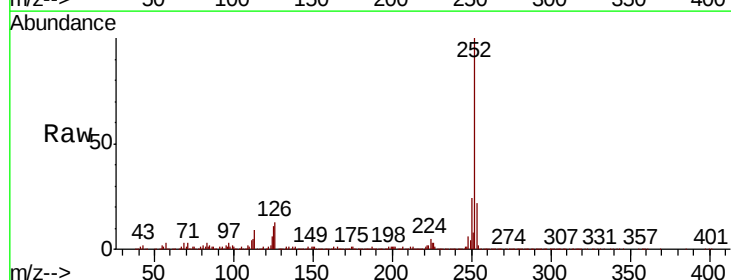
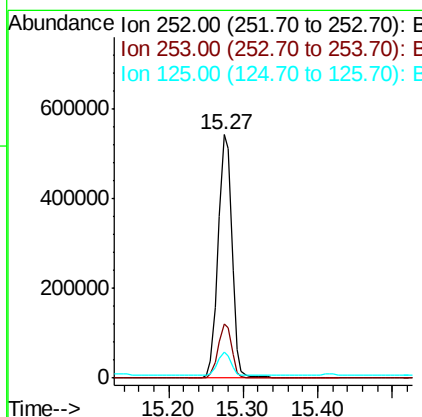
Manual Integrations
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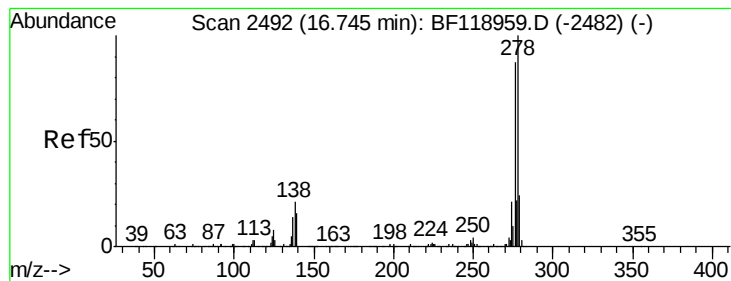
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#90
Benzo(a)pyrene
Concen: 43.637 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	10.6	8.6	12.8





#91

Dibenzo(a,h)anthracene

Concen: 48.734 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

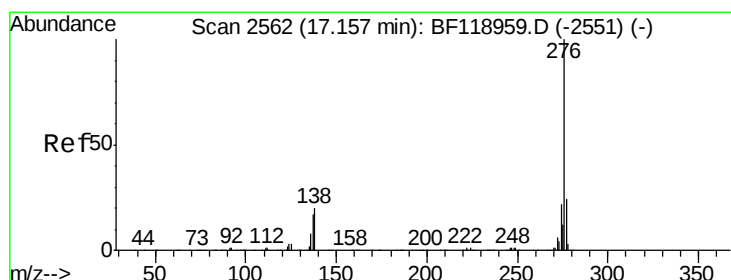
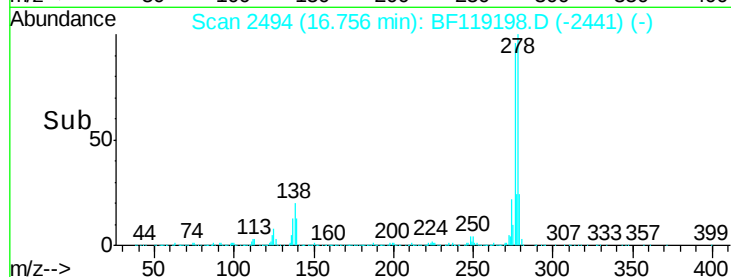
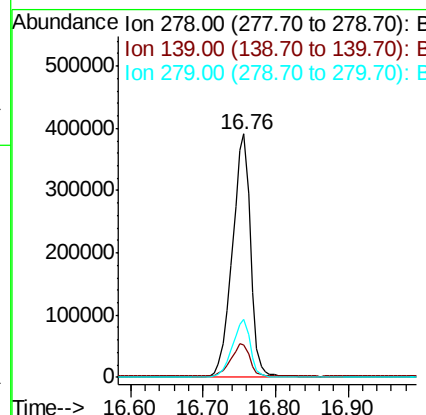
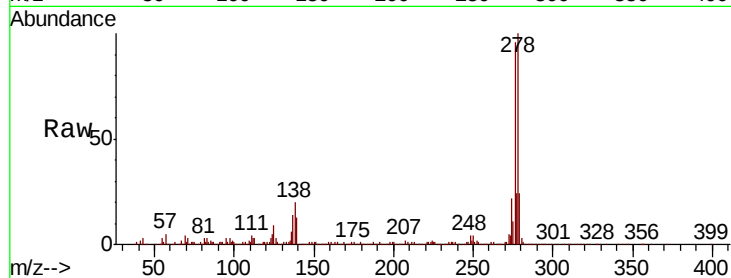
ClientSampleId :

FK-BPM-04-007-ABCDMS

Tot Ion:	278	Resp:	679290
Ion Ratio	Lower	Upper	
278	100		
139	13.4	11.0	16.4
279	23.8	18.6	28.0

Manual Integrations
APPROVED

mohammad
3/5/2020 3:54:31 PM



#92

Benzo(g,h,i)perylene

Concen: 45.061 ng

RT: 17.17 min Scan# 2565

Delta R.T. 0.02 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Tgt Ion:	276	Resp:	620593
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.7	28.1
138	18.5	14.3	21.5

