

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119193.D
 Acq On : 4 Mar 2020 14:26
 Operator : CG/JU
 Sample : L1762-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-030220MSD

Manual Integrations
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 3/5/2020 3:54:26 PM

Quant Time: Mar 04 16:29:58 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	143761	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	542422	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	290526	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	470035	20.00	ng	0.00
76) Chrysene-d12	13.90	240	260232	20.00	ng	0.00
87) Perylene-d12	15.33	264	304384	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	895942	104.15	ng	0.00
7) Phenol-d6	6.40	99	1074847	102.74	ng	0.00
23) Nitrobenzene-d5	7.31	82	729634	71.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	345775	90.98	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1418341	71.92	ng	-0.01
79) Terphenyl-d14	12.84	244	1326493	87.76	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	135109	35.276	ng	97
3) Pyridine	3.23	79	341459	32.644	ng	97
4) n-Nitrosodimethylamine	3.17	42	140084	44.209	ng	92
6) Aniline	6.40	93	328171	25.421	ng	97
8) 2-Chlorophenol	6.53	128	438445	47.228	ng	99
9) Benzaldehyde	6.29	77	336954	48.206	ng	98
10) Phenol	6.41	94	500625	44.259	ng	90
11) bis(2-Chloroethyl)ether	6.47	93	395259	45.669	ng	97
12) 1,3-Dichlorobenzene	6.68	146	472416	42.457	ng	97
13) 1,4-Dichlorobenzene	6.76	146	484551	43.518	ng	99
14) 1,2-Dichlorobenzene	6.91	146	444074	43.730	ng	99
15) Benzyl Alcohol	6.89	79	363784	48.111	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.02	45	320469	42.745	ng	# 30
17) 2-Methylphenol	7.02	107	345234	45.868	ng	94
18) Hexachloroethane	7.25	117	172165	43.219	ng	96
19) n-Nitroso-di-n-propylamine	7.16	70	291655	47.842	ng	97
20) 3+4-Methylphenols	7.17	107	446472	48.418	ng	# 88
22) Acetophenone	7.16	105	582776	46.435	ng	# 96
24) Nitrobenzene	7.33	77	444285	43.733	ng	99
25) Isophorone	7.57	82	804176	45.074	ng	100
26) 2-Nitrophenol	7.65	139	242234	45.002	ng	98
27) 2,4-Dimethylphenol	7.69	122	371013	50.786	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	492413	42.402	ng	99
29) 2,4-Dichlorophenol	7.89	162	373093	43.382	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	421016	41.289	ng	98
31) Naphthalene	8.05	128	1225365	43.559	ng	99
32) Benzoic acid	7.85	122	202634	39.404	ng	99
33) 4-Chloroaniline	8.10	127	158500	13.100	ng	97
34) Hexachlorobutadiene	8.16	225	258944	40.769	ng	98
35) Caprolactam	8.48	113	107067m	40.431	ng	
36) 4-Chloro-3-methylphenol	8.60	107	389934	44.800	ng	97
37) 2-Methylnaphthalene	8.74	142	841248	44.437	ng	99
38) 1-Methylnaphthalene	8.83	142	783495	44.007	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	417817	42.655	ng	100

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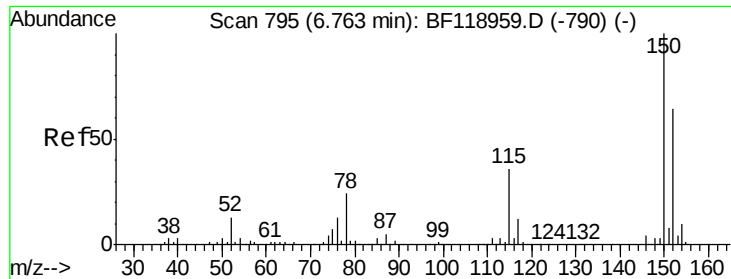
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	159053	48.765	nq	98
43) 2,4,6-Trichlorophenol	9.03	196	263642	42.621	nq	98
44) 2,4,5-Trichlorophenol	9.07	196	272863	42.037	nq	98
46) 1,1'-Biphenyl	9.20	154	1008538	42.952	nq	98
47) 2-Chloronaphthalene	9.23	162	786791	41.581	nq	99
48) 2-Nitroaniline	9.33	65	222578	42.174	nq	99
49) Acenaphthylene	9.64	152	1187913	43.468	nq	99
50) Dimethylphthalate	9.50	163	1172257	52.767	nq	100
51) 2,6-Dinitrotoluene	9.57	165	212112	42.975	nq #	80
52) Acenaphthene	9.81	154	704937	42.779	nq	99
53) 3-Nitroaniline	9.74	138	110728	20.236	nq	98
54) 2,4-Dinitrophenol	9.86	184	149272	63.887	nq #	90
55) Dibenzofuran	9.99	168	1034797	42.072	nq	97
56) 4-Nitrophenol	9.93	139	192193	58.460	nq	89
57) 2,4-Dinitrotoluene	9.98	165	260416	40.705	nq	92
58) Fluorene	10.33	166	824882	43.159	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.11	232	215576	39.360	nq	99
60) Diethylphthalate	10.20	149	940679	44.931	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	433176	42.818	nq	98
62) 4-Nitroaniline	10.36	138	179670	32.094	nq	95
63) Azobenzene	10.47	77	801574	44.048	nq	96
65) 4,6-Dinitro-2-methylphenol	10.40	198	125638	44.173	nq	97
66) n-Nitrosodiphenylamine	10.44	169	748966	48.664	nq	100
67) 4-Bromophenyl-phenylether	10.80	248	276839	45.059	nq	96
68) Hexachlorobenzene	10.88	284	302289	42.674	nq	97
69) Atrazine	10.97	200	243776	45.334	nq	98
70) Pentachlorophenol	11.08	266	210752	73.858	nq	99
71) Phenanthrene	11.29	178	1196393	46.673	nq	99
72) Anthracene	11.34	178	1177932	45.991	nq	99
73) Carbazole	11.49	167	954540	41.834	nq	99
74) Di-n-butylphthalate	11.82	149	1323055	47.882	nq	98
75) Fluoranthene	12.47	202	1150651	42.289	nq	99
77) Benzidine	12.59	184	473642	44.753	nq	98
78) Pyrene	12.70	202	1106888	52.970	nq	98
80) Butylbenzylphthalate	13.31	149	443902	50.474	nq	96
81) Benzo(a)anthracene	13.89	228	852244	48.064	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	241879	35.131	nq #	99
83) Chrysene	13.93	228	800412	45.303	nq	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	615757	55.420	nq	100
85) Di-n-octyl phthalate	14.48	149	947990	53.550	nq	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	945965	55.296	nq	100
88) Benzo(b)fluoranthene	14.92	252	939269	46.815	nq	99
89) Benzo(k)fluoranthene	14.95	252	719688	38.707	nq	100
90) Benzo(a)pyrene	15.27	252	791786	43.727	nq	99
91) Dibenzo(a,h)anthracene	16.75	278	781700	49.063	nq	99
92) Benzo(g,h,i)perylene	17.17	276	766028	48.661	nq	99

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



#1

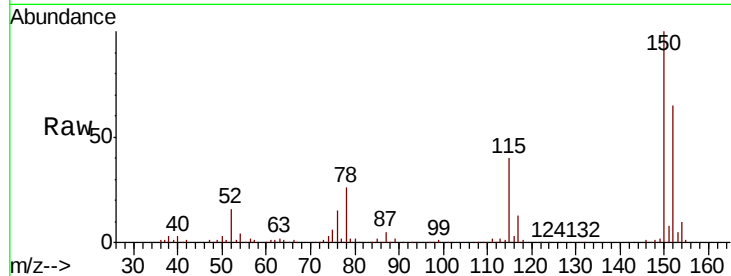
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.0	184.6
115	61.4	49.5	74.3

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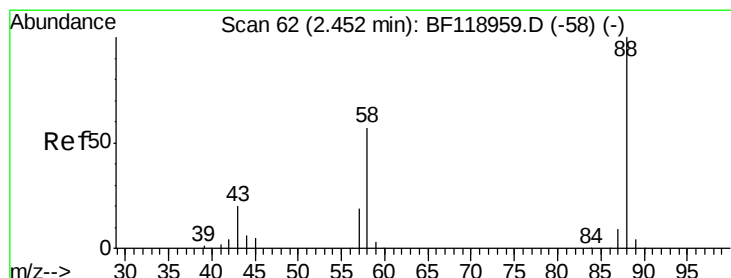
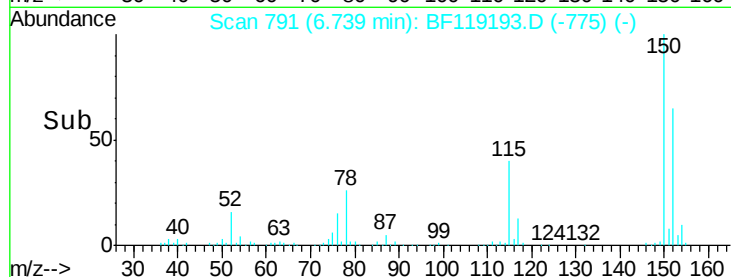
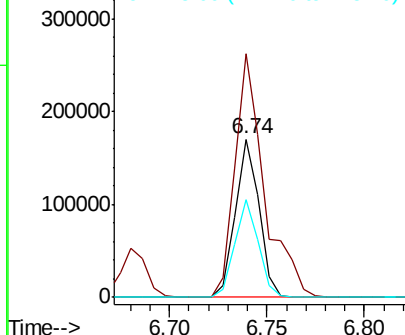


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

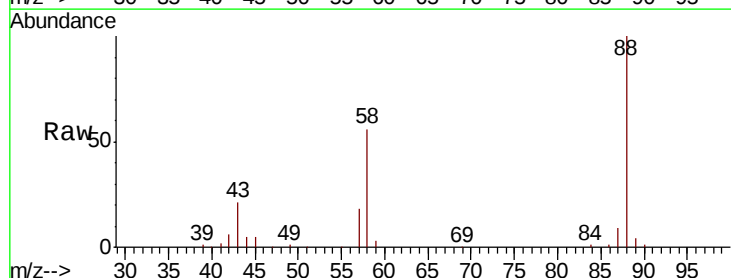
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.276 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.06 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.3	43.8	65.6
43	20.4	16.2	24.4

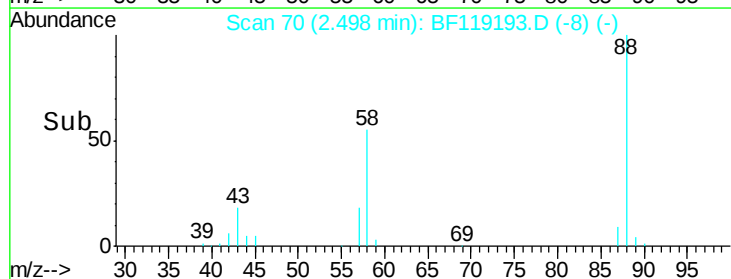
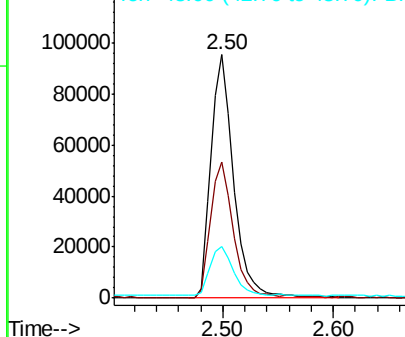


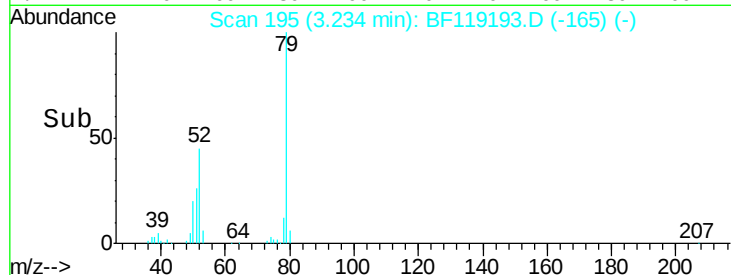
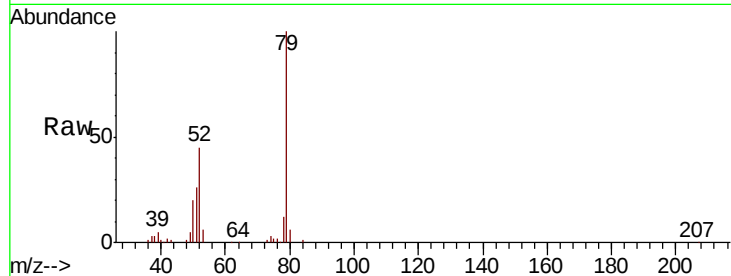
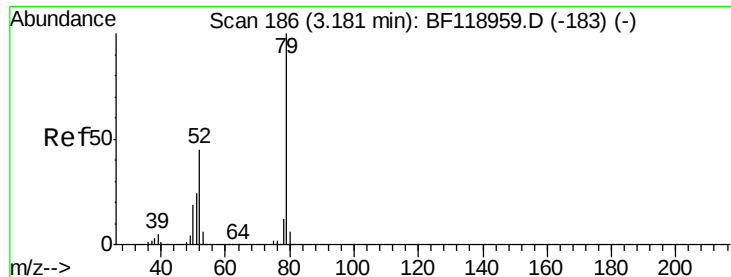
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





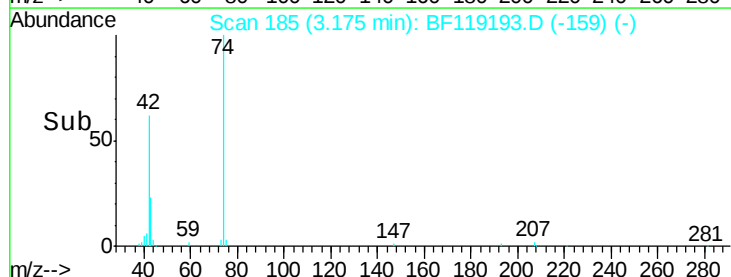
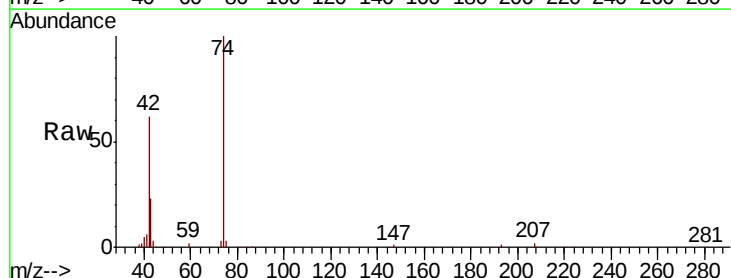
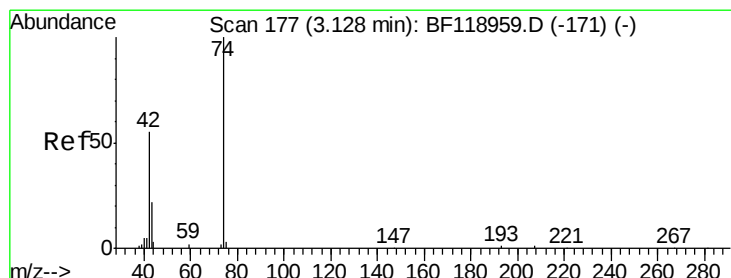
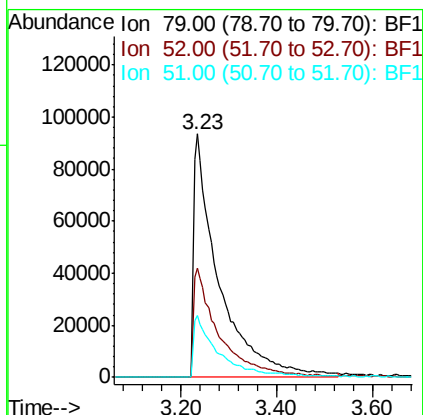
#3
Pvridine
Concen: 32.644 ng
RT: 3.23 min Scan# 195
Delta R.T. 0.08 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tot Ion	Ratio	Lower	Upper
79	100		
52	44.7	37.4	56.0
51	25.5	19.8	29.6

Instrument :
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TR-05-030220MSD

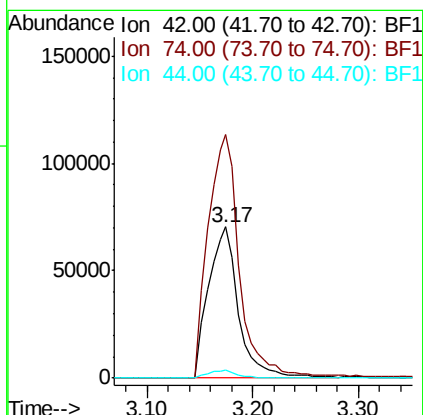
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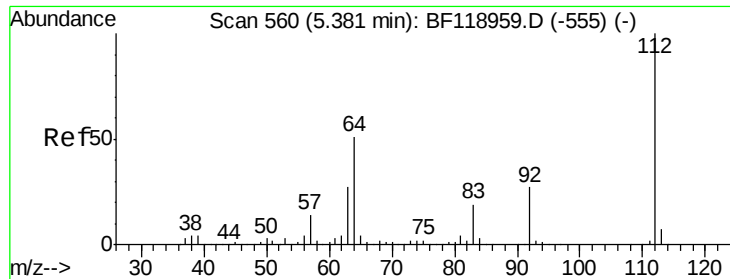
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#4
n-Nitrosodimethylamine
Concen: 44.209 ng
RT: 3.17 min Scan# 185
Delta R.T. 0.05 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	161.0	137.7	206.5
44	5.3	4.5	6.7





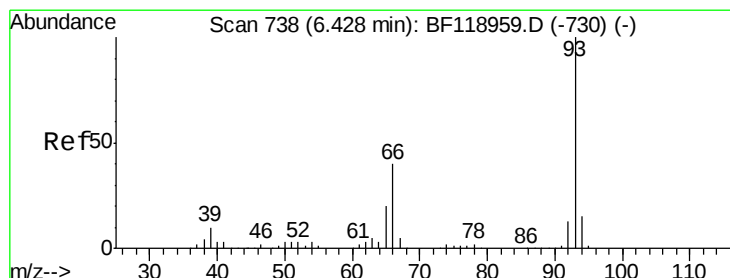
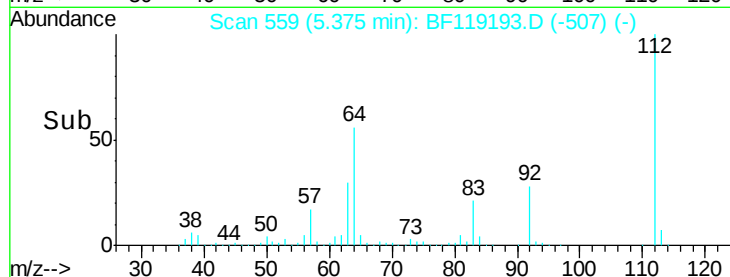
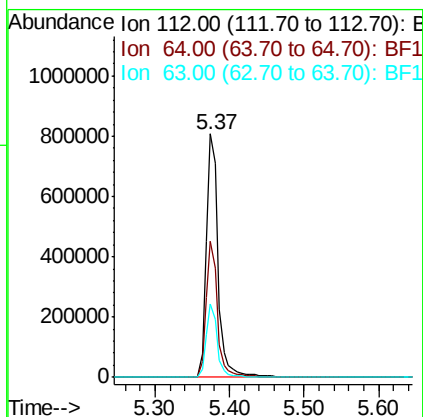
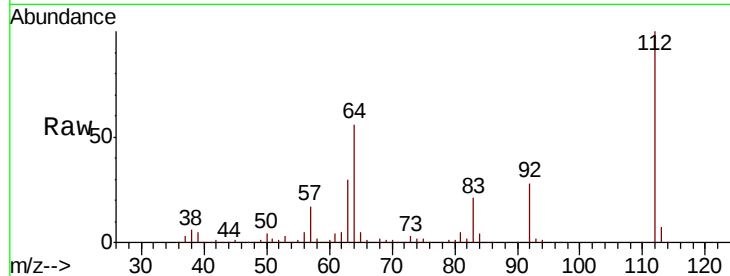
#5
2-Fluorophenol
Concen: 104.151 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	55.9	45.0	67.4
63	30.0	24.2	36.4

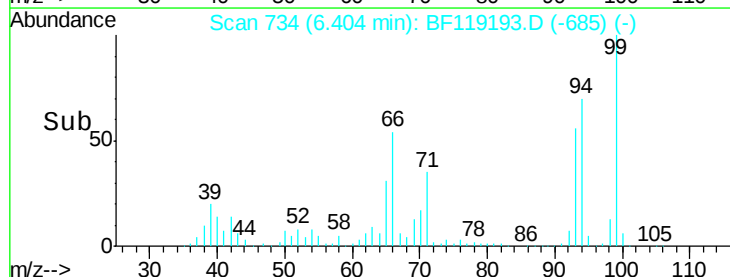
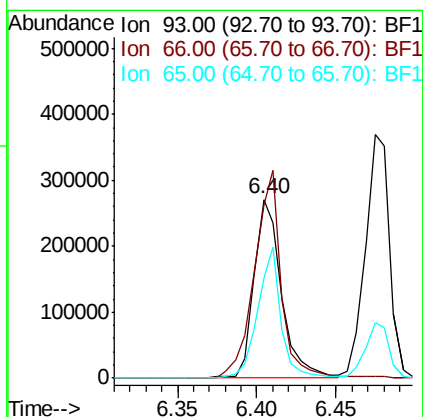
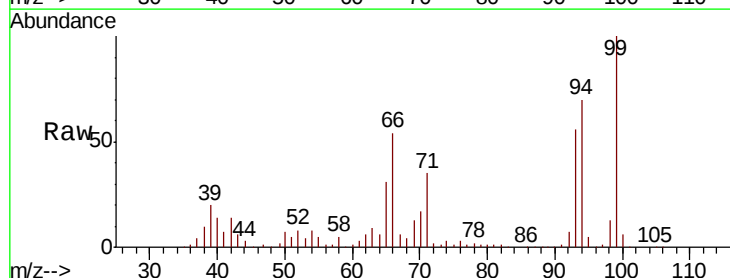
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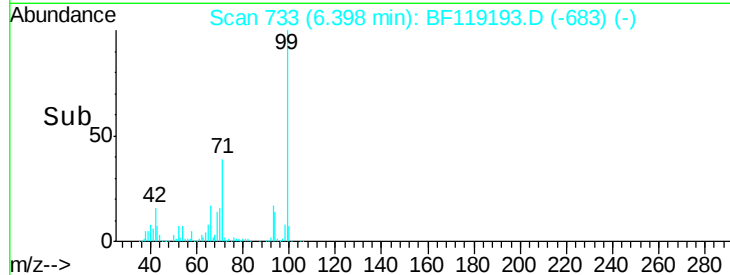
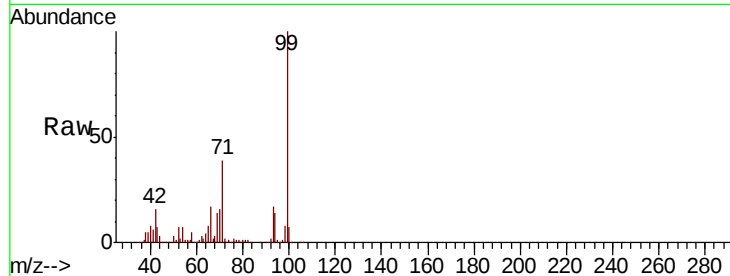
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#6
Aniline
Concen: 25.421 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	97.1	74.5	111.7
65	56.3	45.3	67.9





#7

Phenol-d6

Concen: 102.737 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Tot Ion: 99 Resp: 1074847

Ion Ratio Lower Upper

99 100

42 15.9 12.6 18.8

71 39.2 31.0 46.4

Instrument :

BNA_F

ClientSampleId :

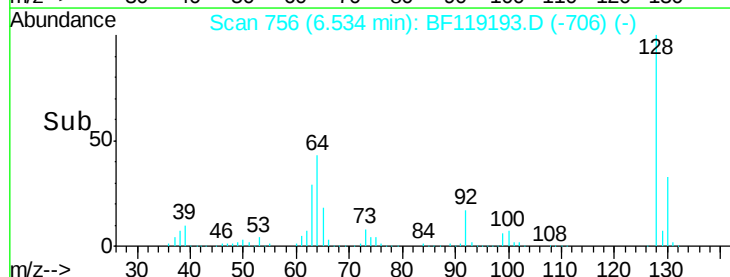
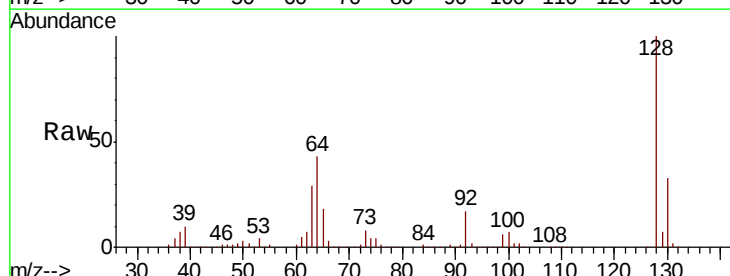
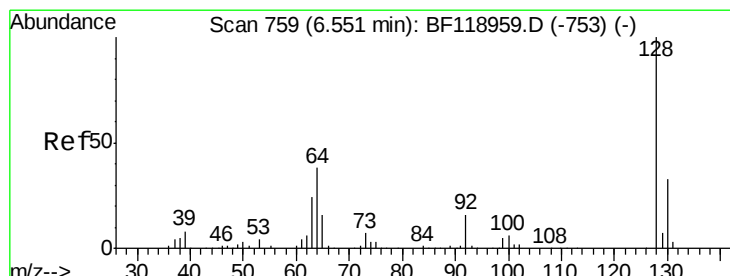
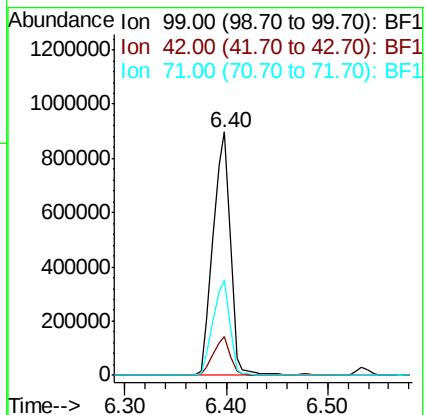
TR-05-030220MSD

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#8

2-Chlorophenol

Concen: 47.228 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

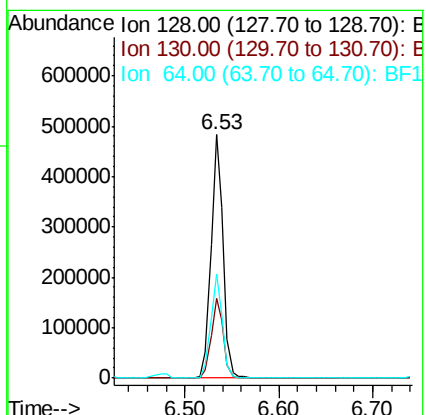
Tgt Ion:128 Resp: 438445

Ion Ratio Lower Upper

128 100

130 33.0 12.7 52.7

64 42.6 22.3 62.3





#9

Benzaldehyde

Concen: 48.206 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

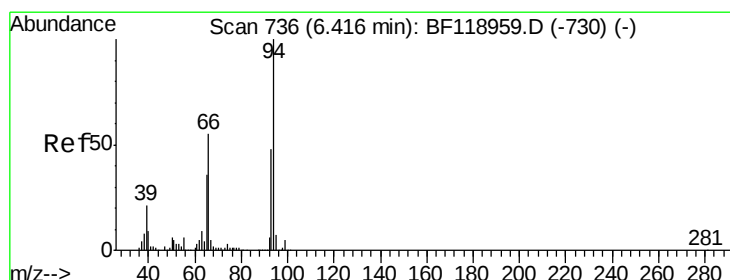
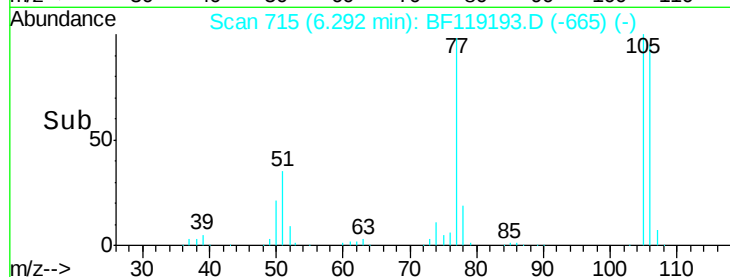
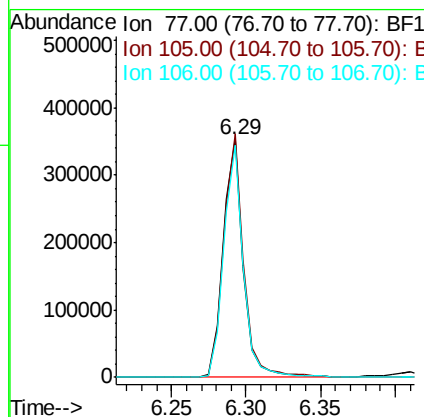
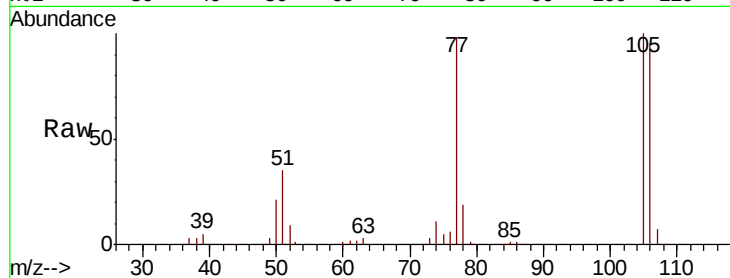
ClientSampleId :

TR-05-030220MSD

Tot Ion:	77	Resp:	336954
Ion	Ratio	Lower	Upper
77	100		
105	102.2	80.1	120.1
106	97.5	75.9	115.9

Manual Integrations
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#10

Phenol

Concen: 44.259 ng

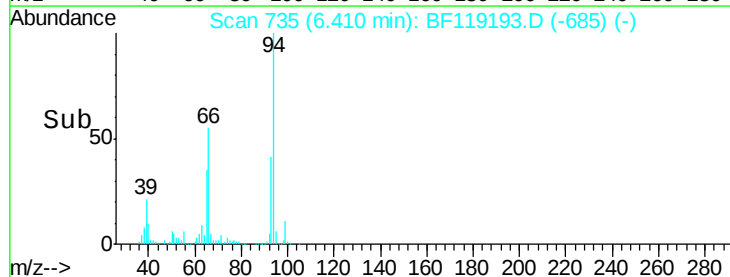
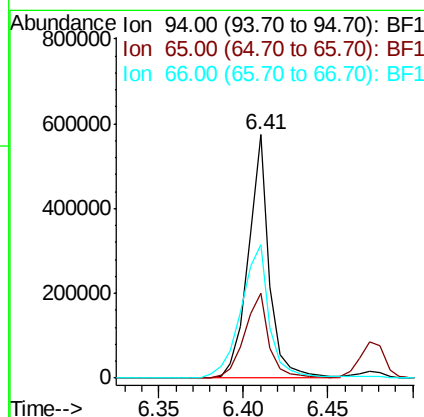
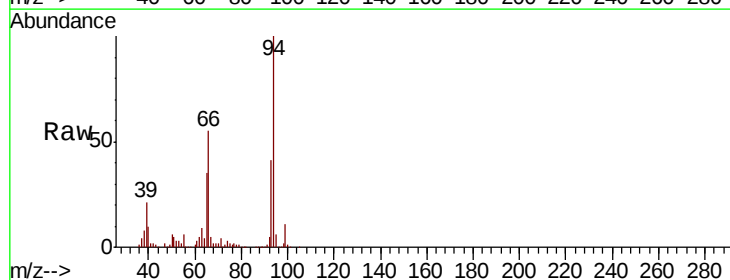
RT: 6.41 min Scan# 735

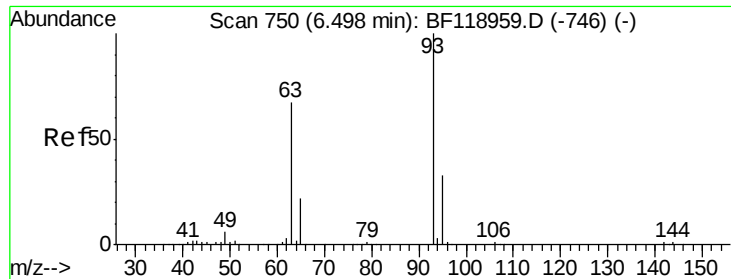
Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Tgt Ion:	94	Resp:	500625
Ion	Ratio	Lower	Upper
94	100		
65	34.7	19.2	59.2
66	54.7	44.4	84.4





#11

bis(2-Chloroethyl)ether

Concen: 45.669 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

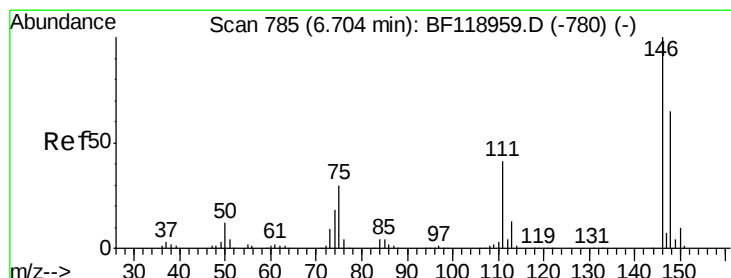
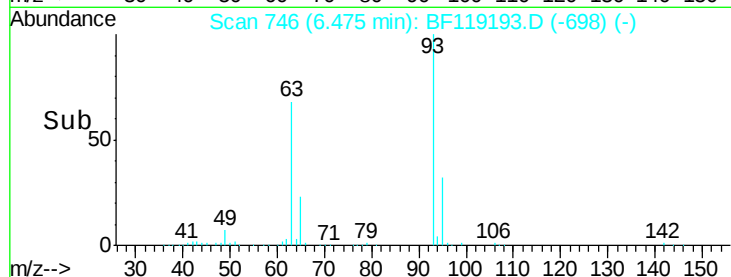
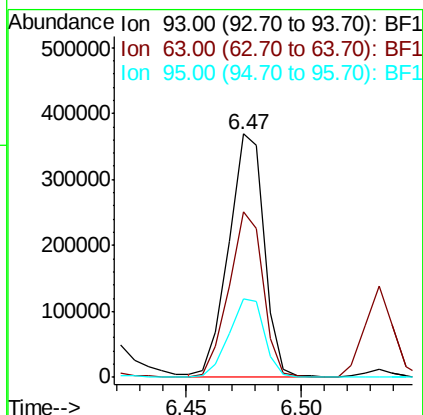
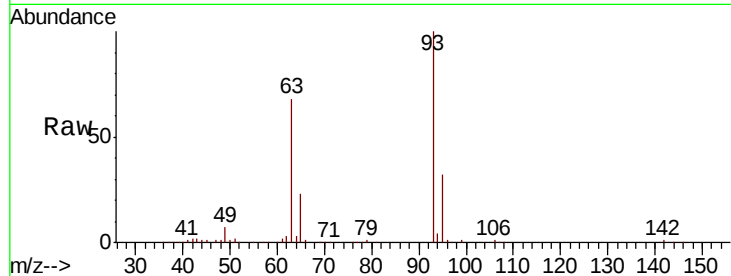
ClientSampleId :

TR-05-030220MSD

Tot Ion:	93	Resp:	395259
Ion Ratio	Lower	Upper	
93	100		
63	68.2	45.4	85.4
95	32.5	13.5	53.5

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#12

1,3-Dichlorobenzene

Concen: 42.457 ng

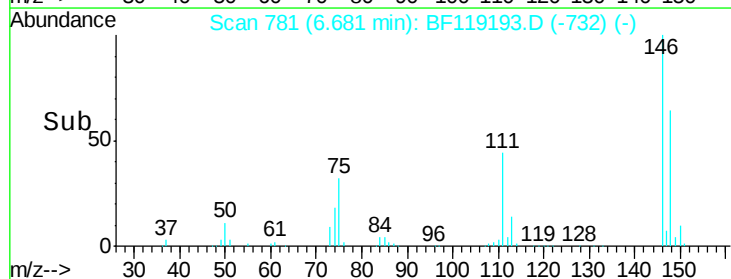
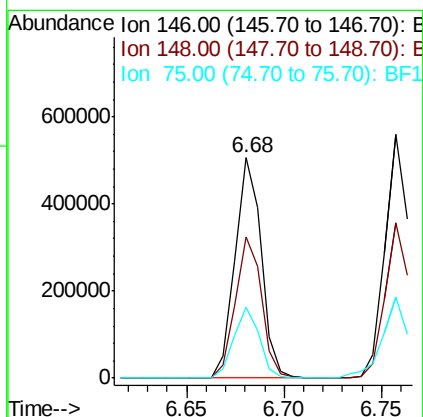
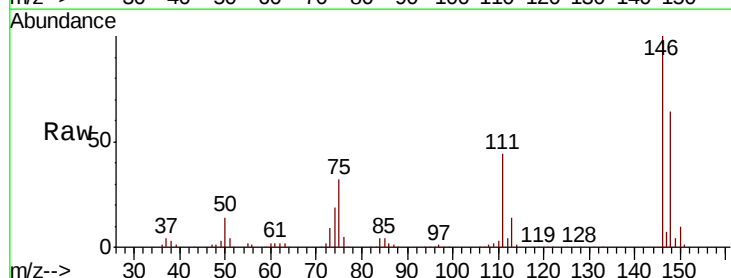
RT: 6.68 min Scan# 781

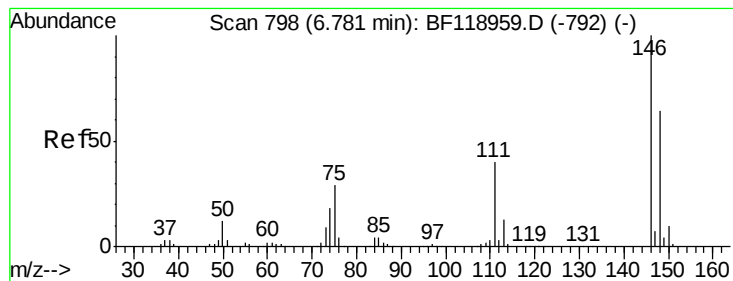
Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Tgt Ion:	146	Resp:	472416
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.5	78.7
75	32.4	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 43.518 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

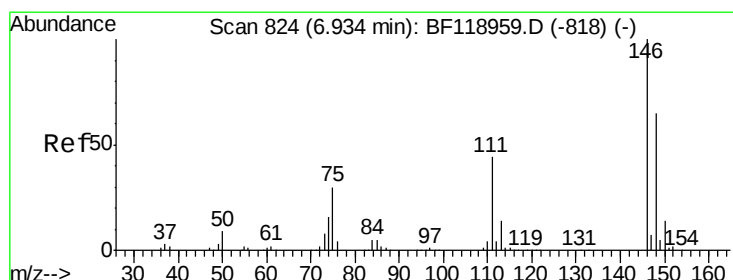
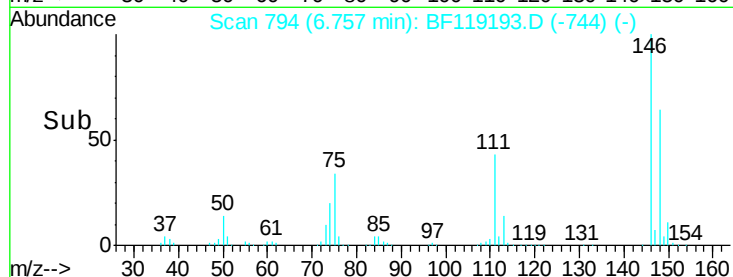
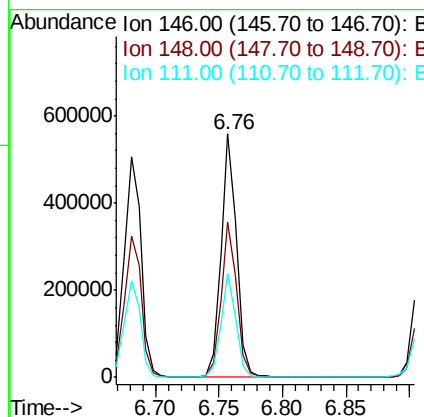
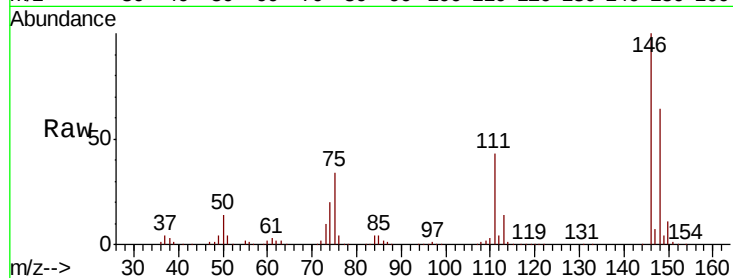
ClientSampleId :

TR-05-030220MSD

Tot Ion:	146	Resp:	484551
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.1	76.7
111	42.6	34.8	52.2

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#14

1,2-Dichlorobenzene

Concen: 43.730 ng

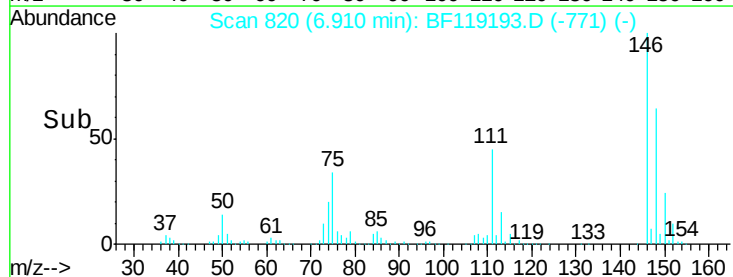
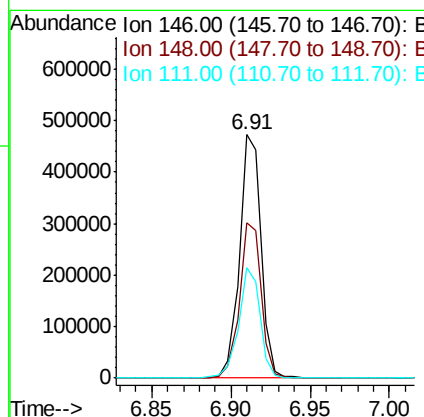
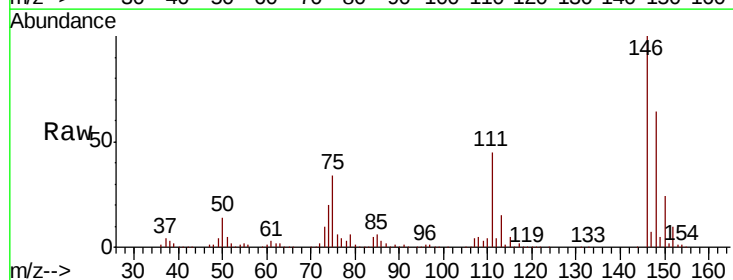
RT: 6.91 min Scan# 820

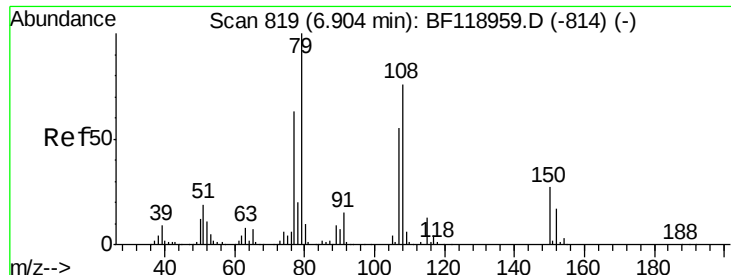
Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Tgt Ion:	146	Resp:	444074
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.9	77.9
111	45.2	36.2	54.2





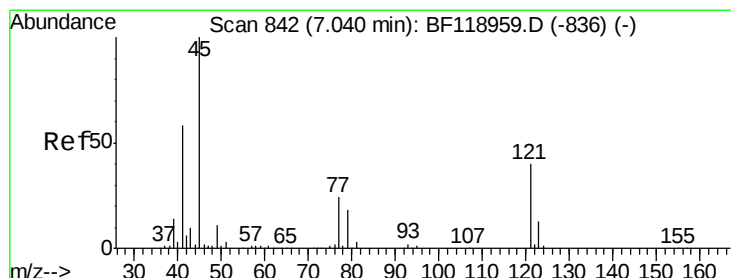
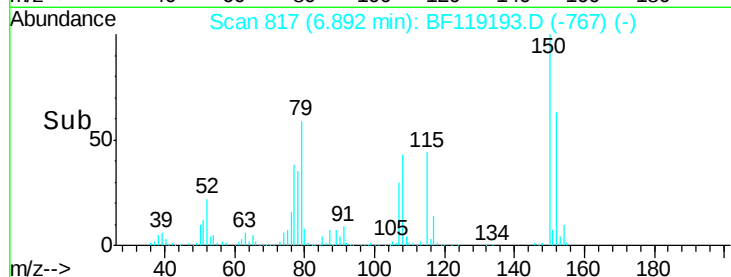
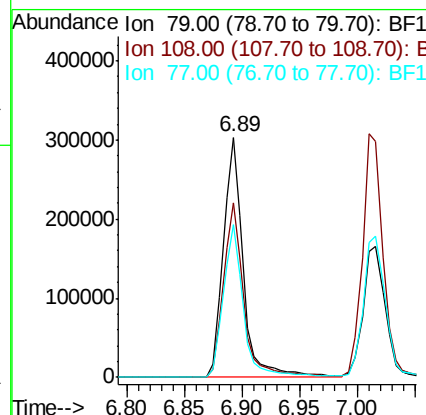
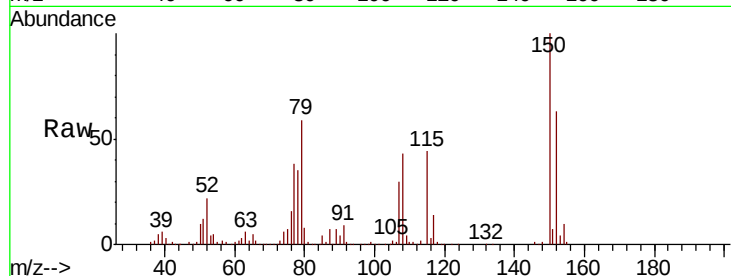
#15
Benzyl Alcohol
Concen: 48.111 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.5	58.2	87.2
77	63.7	51.2	76.8

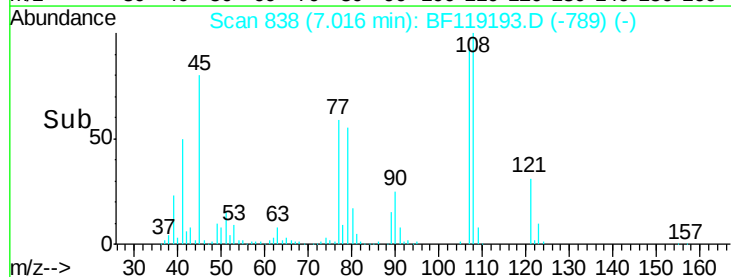
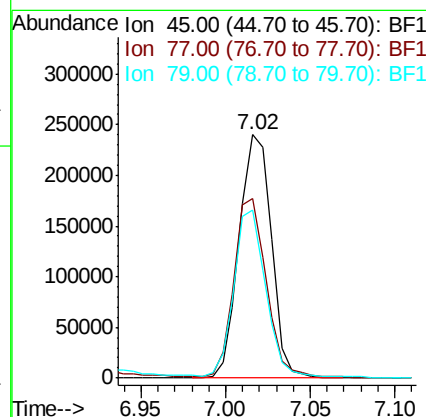
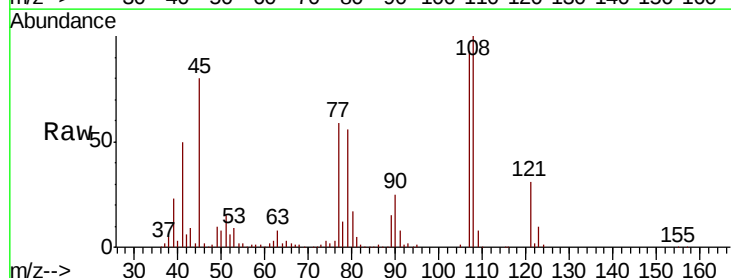
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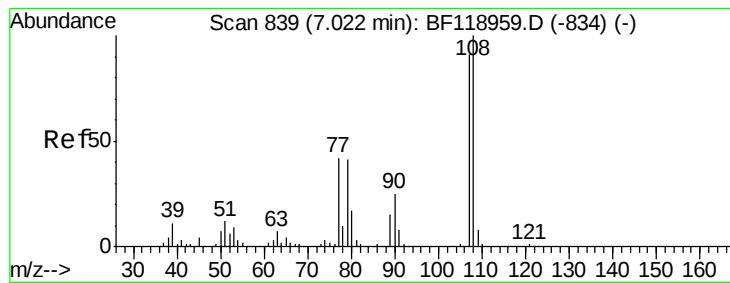
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.745 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	74.0	15.0	55.0#
79	69.2	9.4	49.4#





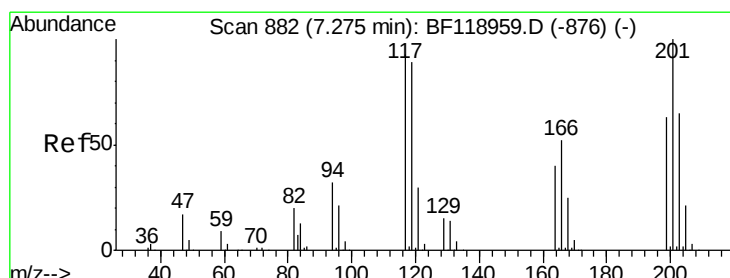
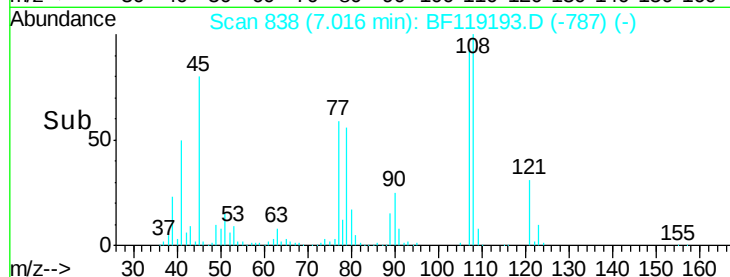
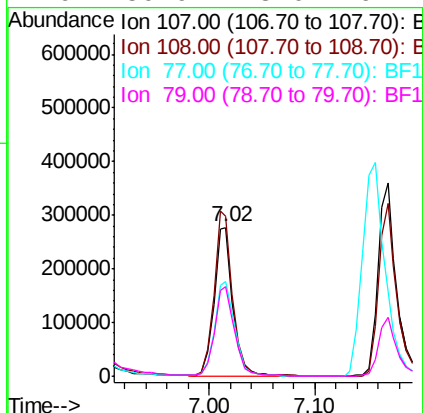
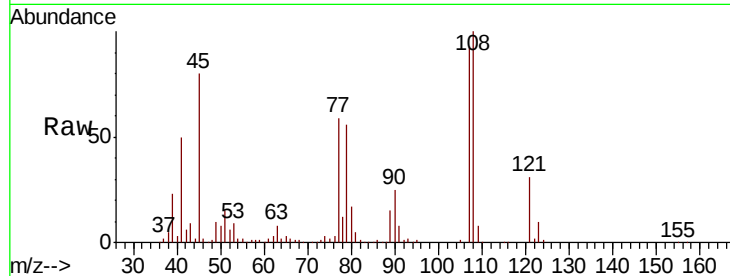
#17
2-Methylphenol
Concen: 45.868 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MSD

Tot Ion:	107	Resp:	345234
Ion Ratio	Lower	Upper	
107	100		
108	107.8	87.9	131.9
77	64.1	45.3	67.9
79	59.9	43.0	64.4

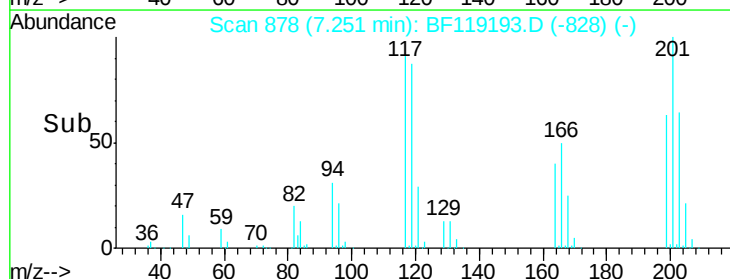
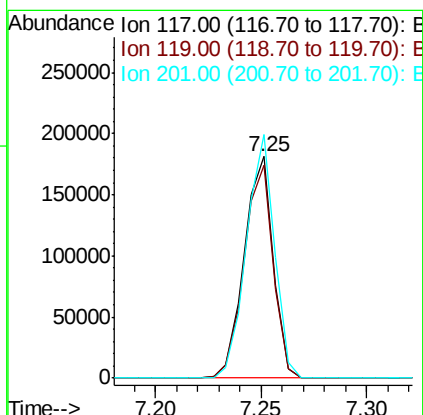
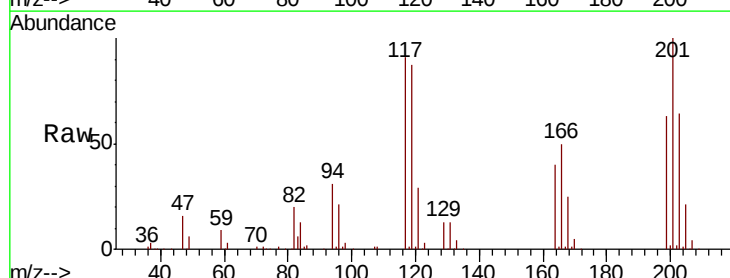
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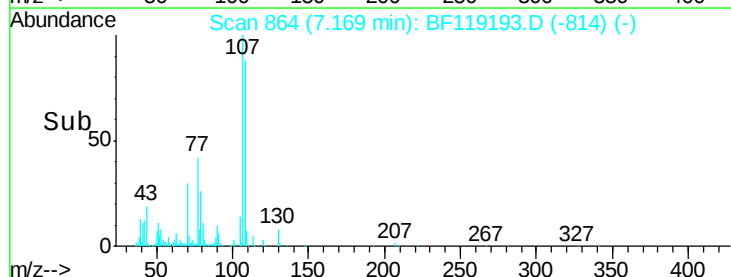
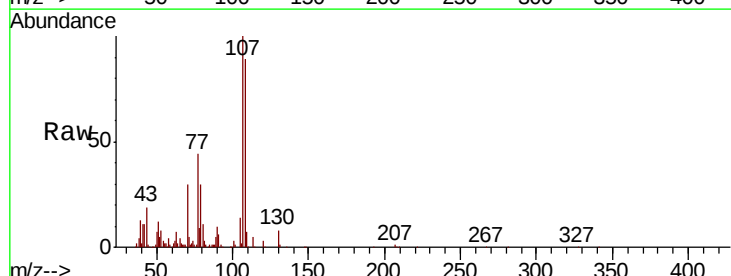
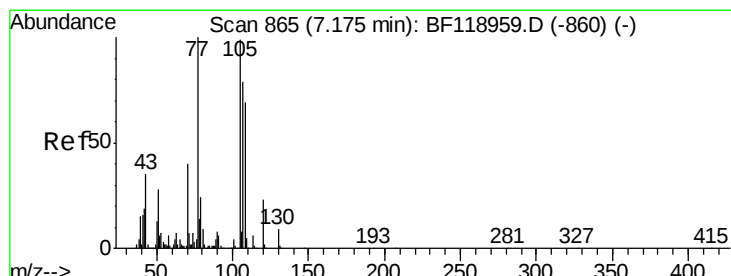
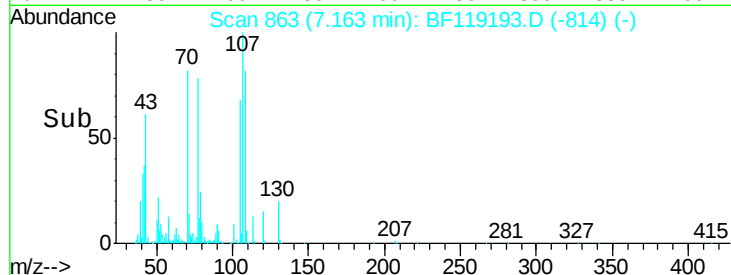
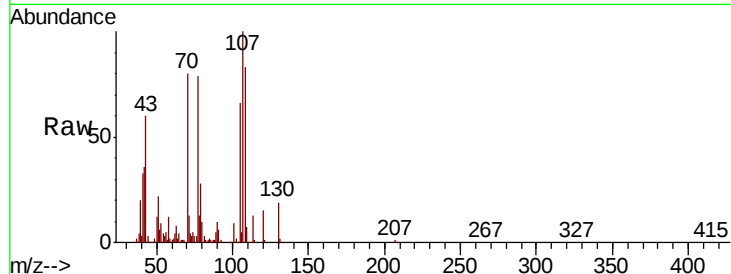
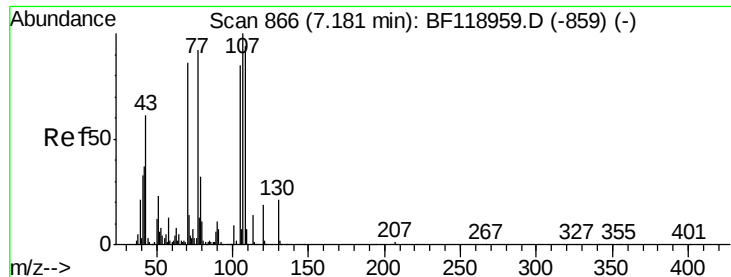
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#18
Hexachloroethane
Concen: 43.219 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

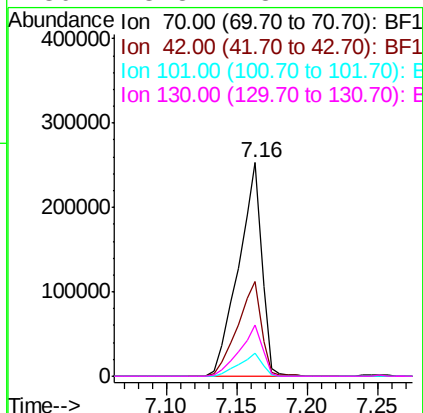
Tgt Ion:	117	Resp:	172165
Ion Ratio	Lower	Upper	
117	100		
119	95.9	77.5	116.3
201	109.8	82.6	123.8





#19
n-Nitroso-di-n-propylamine
Concen: 47.842 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.7	38.0	57.0
101	10.6	8.2	12.4
130	23.8	18.2	27.4



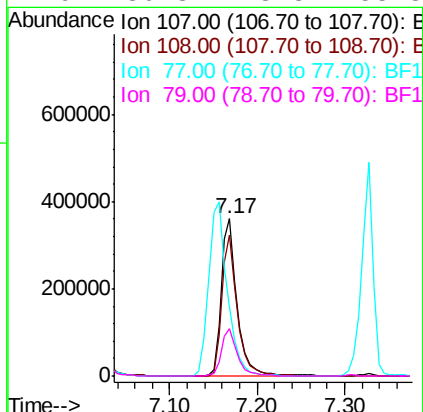
Instrument :
BNA_F
ClientSampleId :
TR-05-030220MSD

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#20
3+4-Methylphenols
Concen: 48.418 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	71.5	111.5
77	43.8	45.9	85.9#
79	30.3	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

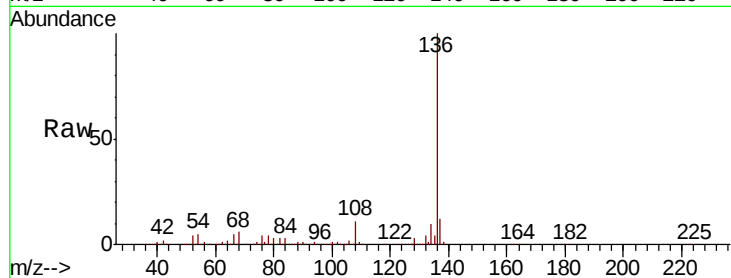
ClientSampleId :

TR-05-030220MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		542422		
137	11.7		8.8	13.2	
54	5.4		3.8	5.6	
68	5.5		3.9	5.9	

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Abundance Ion 136.00 (135.70 to 136.70): E

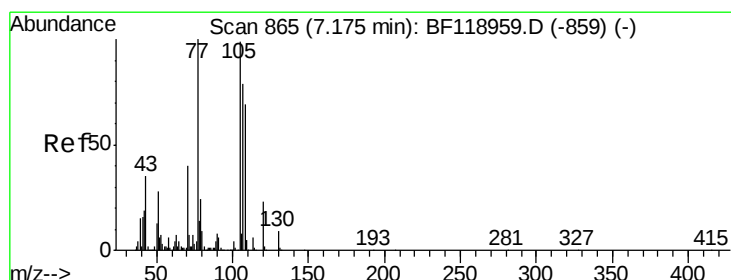
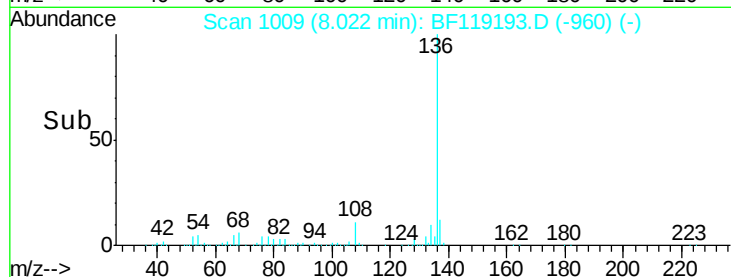
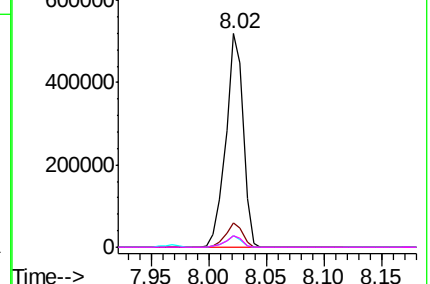
800000 Ion 137.00 (136.70 to 137.70): E

600000 Ion 54.00 (53.70 to 54.70): BF1

400000 Ion 68.00 (67.70 to 68.70): BF1

200000

0



#22

Acetophenone

Concen: 46.435 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		582776		
71	6.8		3.0	4.4#	
51	21.9		20.1	30.1	
120	22.7		18.0	27.0	

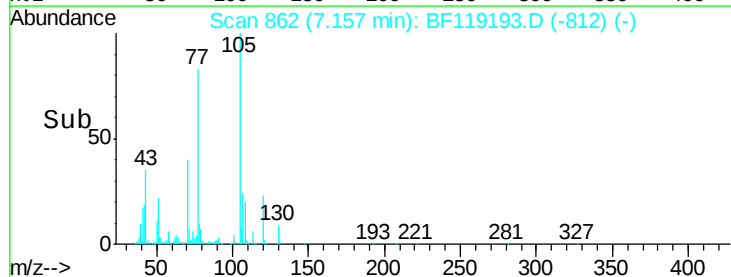
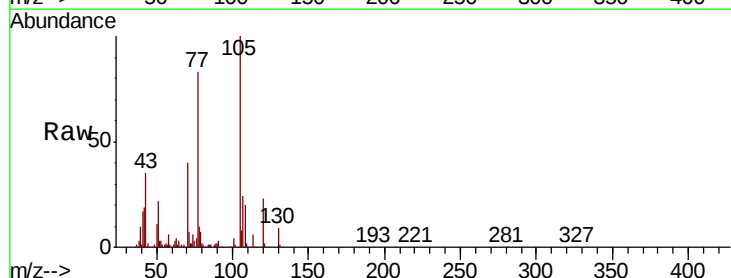
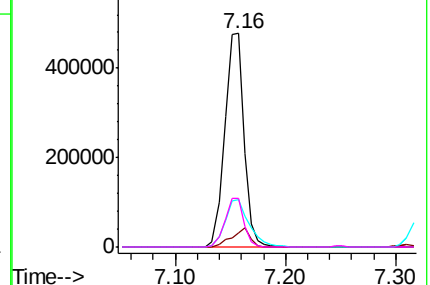
Abundance Ion 105.00 (104.70 to 105.70): E

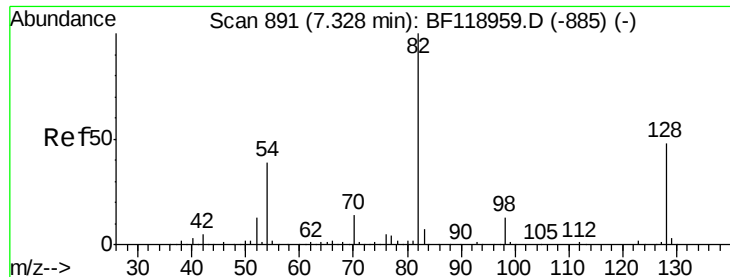
600000 Ion 71.00 (70.70 to 71.70): BF1

400000 Ion 51.00 (50.70 to 51.70): BF1

200000 Ion 120.00 (119.70 to 120.70): E

0





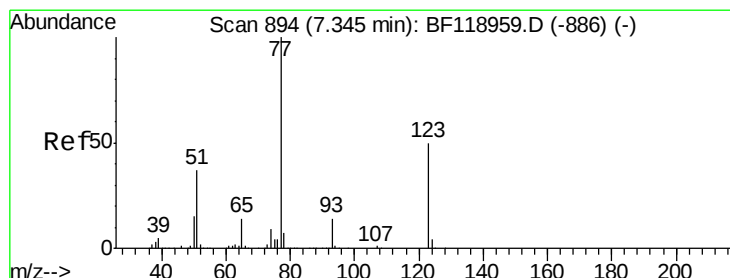
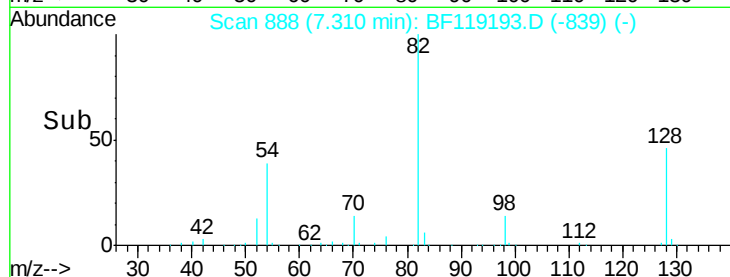
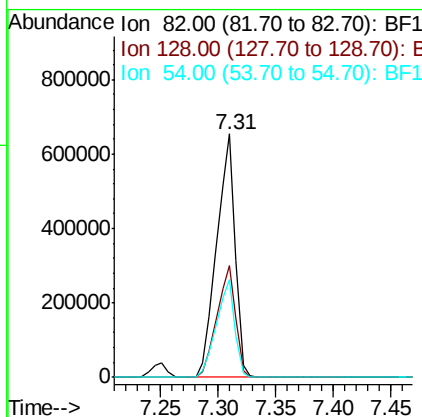
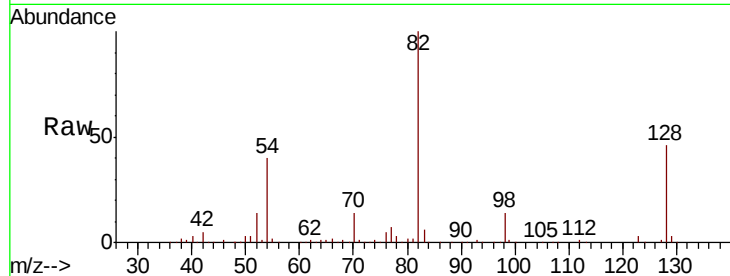
#23
 Nitrobenzene-d5
 Concen: 71.023 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-030220MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	729634		
128	46.1		37.9	56.9
54	40.0		33.4	50.2

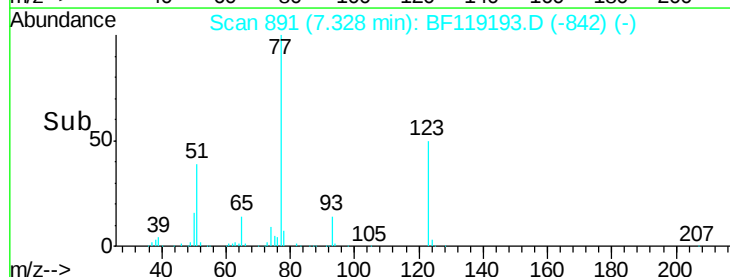
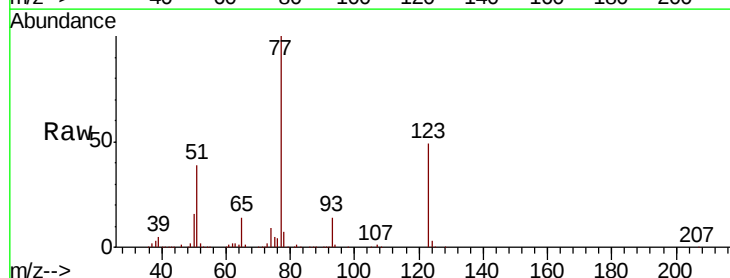
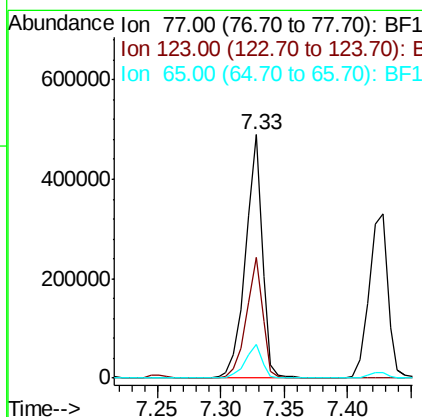
Manual Integrations
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#24
 Nitrobenzene
 Concen: 43.733 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	444285		
123	49.4		40.2	60.2
65	13.7		10.8	16.2





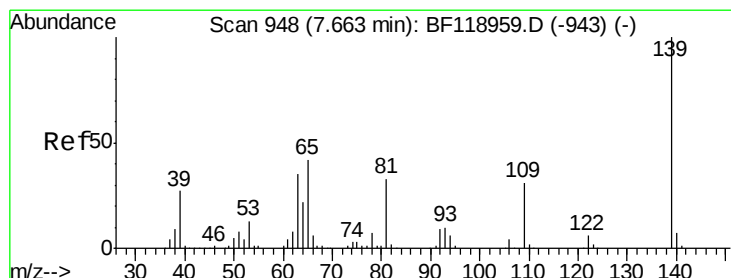
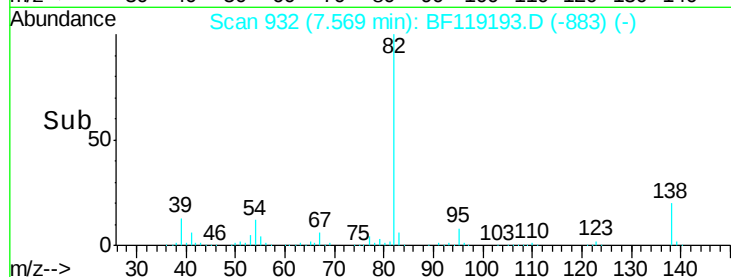
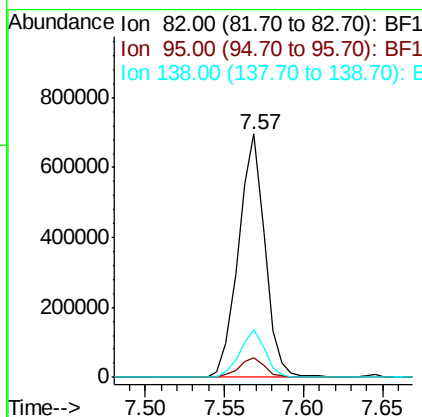
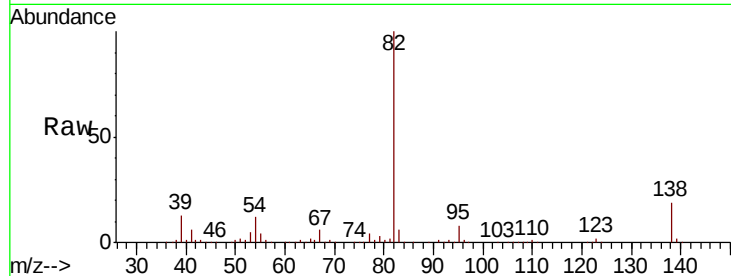
#25
Isophorone
Concen: 45.074 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	804176		
95	8.0		6.4	9.6
138	19.4		15.7	23.5

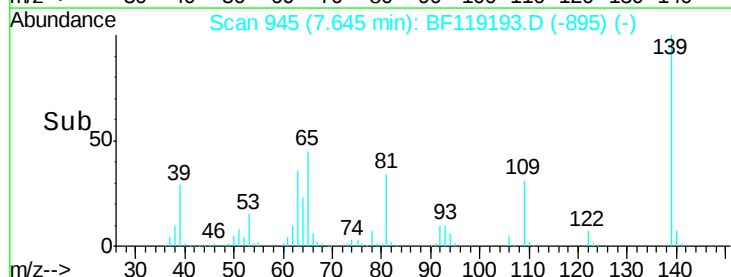
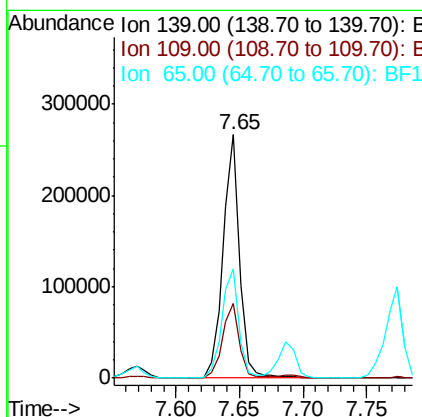
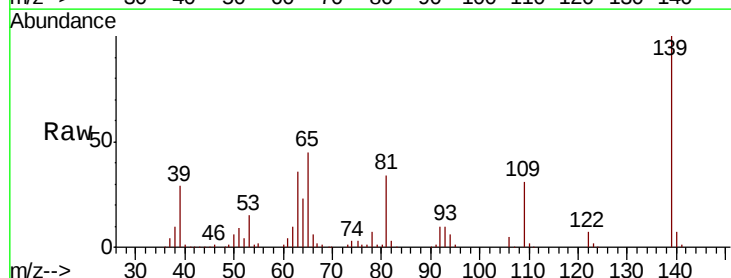
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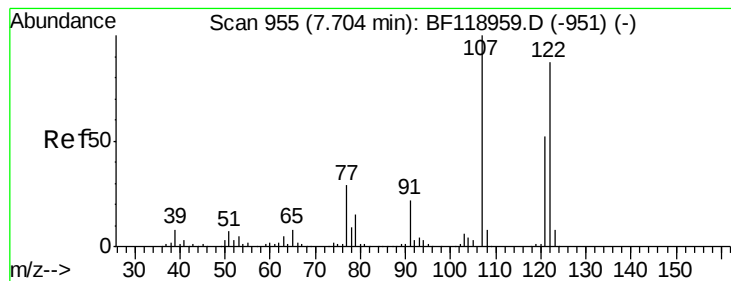
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#26
2-Nitrophenol
Concen: 45.002 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	242234		
109	30.9		25.7	38.5
65	44.7		37.1	55.7





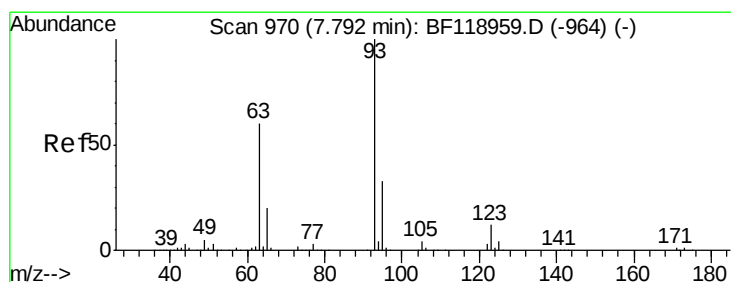
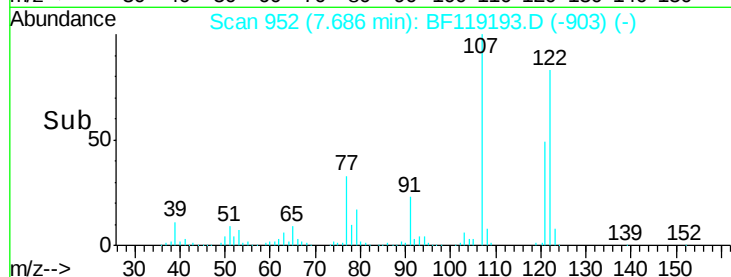
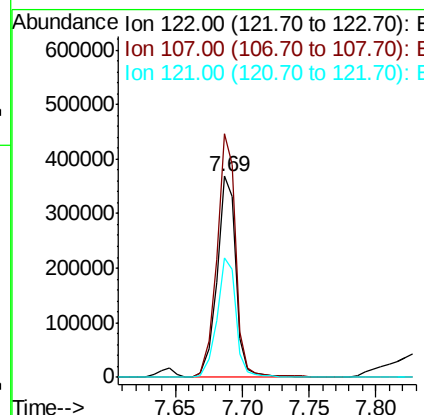
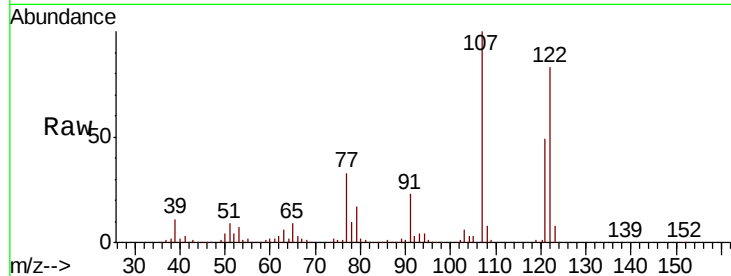
#27
2,4-Dimethylphenol
Concen: 50.786 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.0	93.8	140.6
121	59.6	48.2	72.2

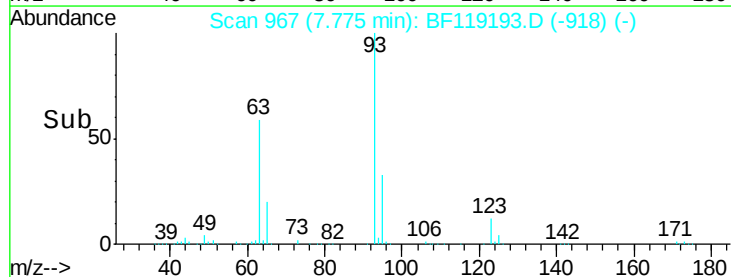
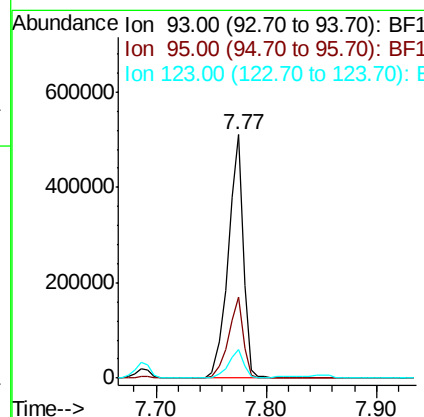
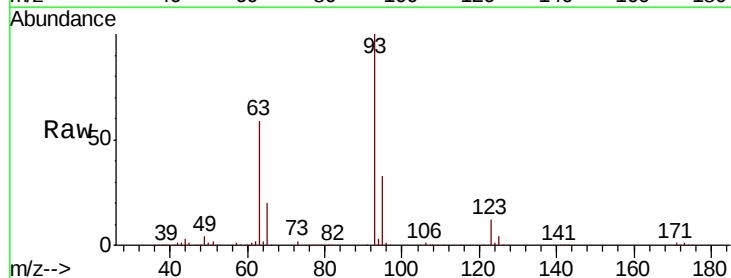
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#28
bis(2-Chloroethoxy)methane
Concen: 42.402 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	12.0	10.2	15.2





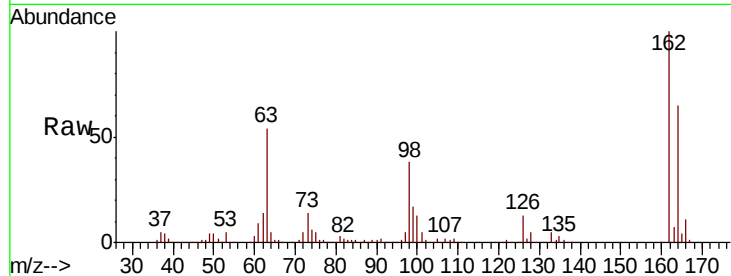
#29
2,4-Dichlorophenol
Concen: 43.382 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	373093		
164	64.6	45.2	85.2	
98	38.1	17.4	57.4	

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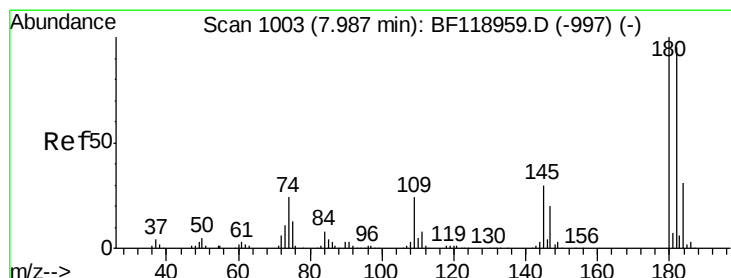
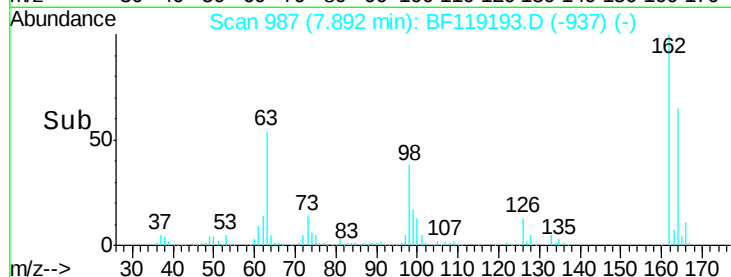
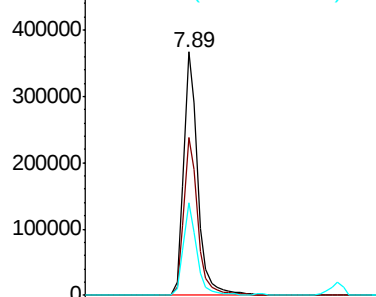


Abundance

Ion 162.00 (161.70 to 162.70): E

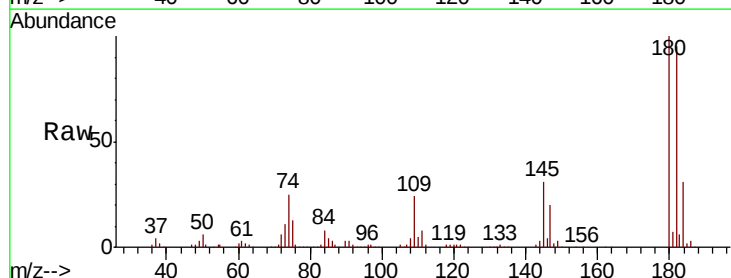
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.289 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	421016		
182	95.5	77.8	116.6	
145	30.8	25.2	37.8	

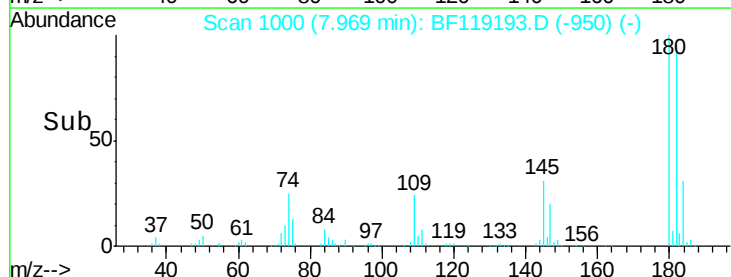
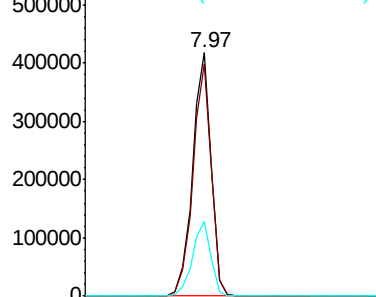


Abundance

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: 43.559 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

ClientSampleId :

TR-05-030220MSD

Tot Ion:128 Resp: 1225365

Ion Ratio Lower Upper

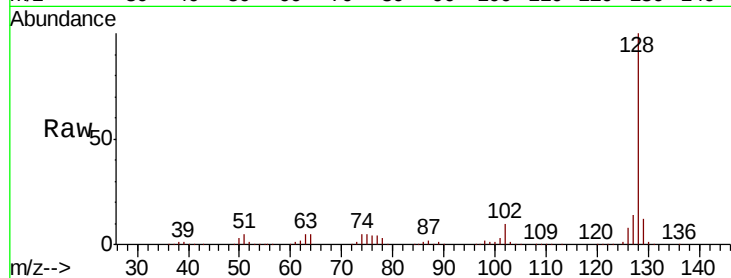
128 100

129 11.6 9.4 14.2

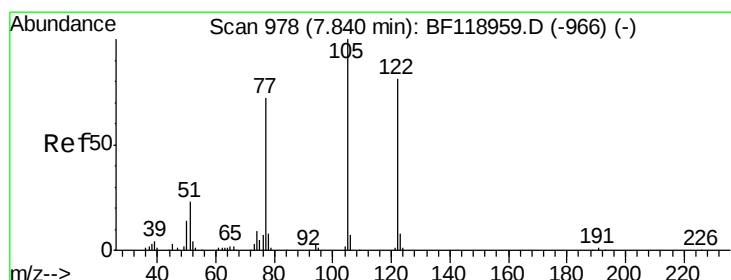
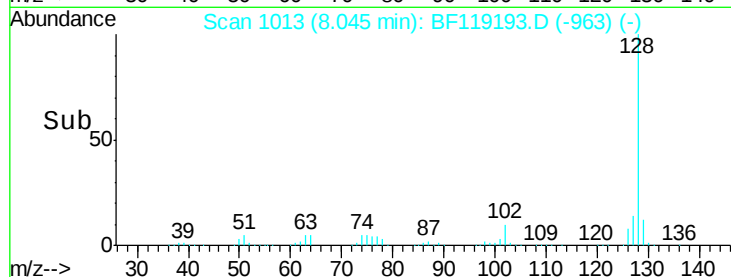
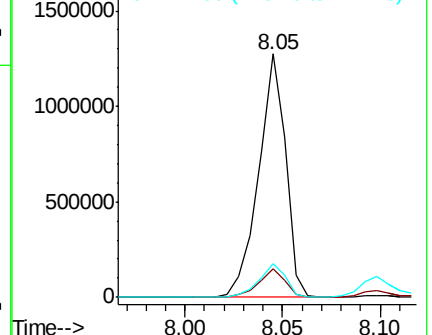
127 13.8 11.4 17.2

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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: 39.404 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

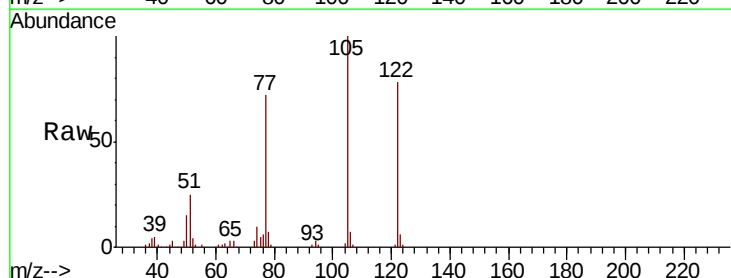
Tgt Ion:122 Resp: 202634

Ion Ratio Lower Upper

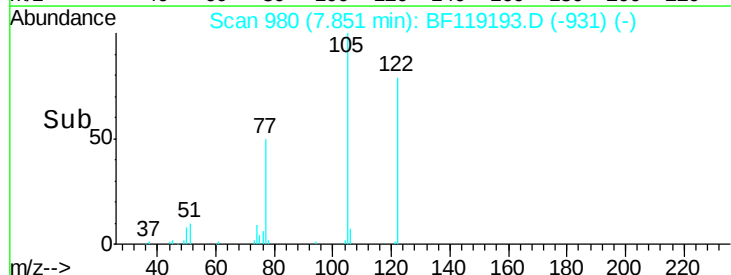
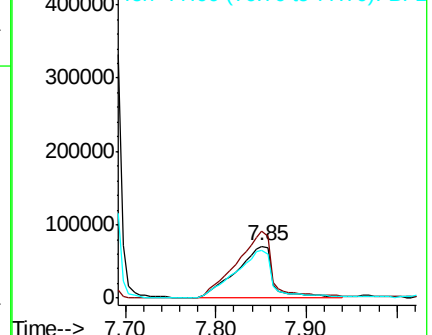
122 100

105 127.9 106.3 146.3

77 92.3 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





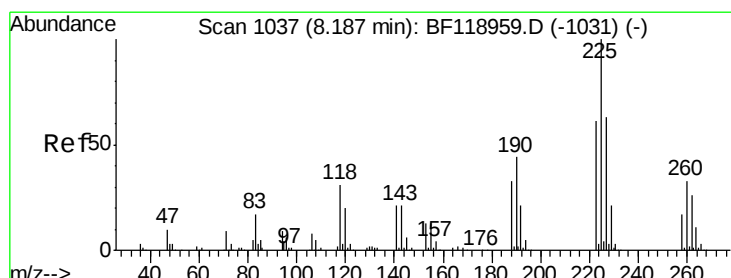
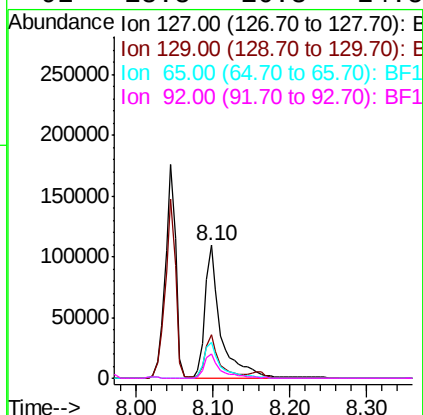
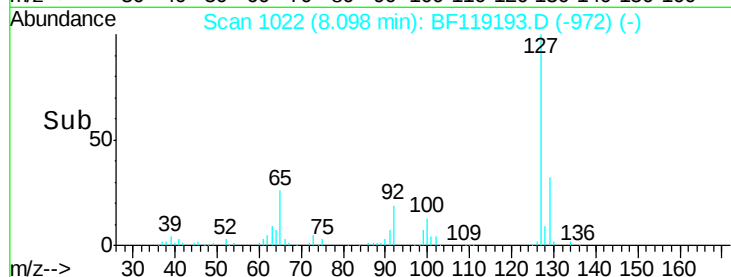
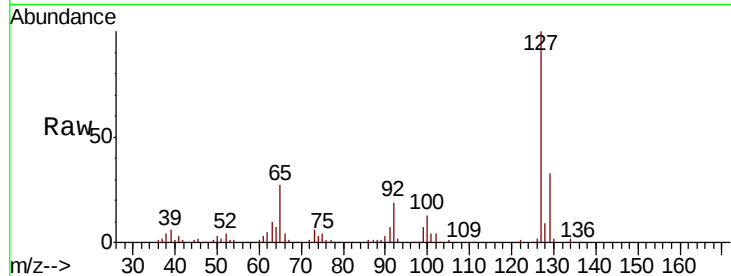
#33
4-Chloroaniline
Concen: 13.100 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	25.9	38.9	
65	27.3	23.9	35.9	
92	18.8	16.3	24.5	

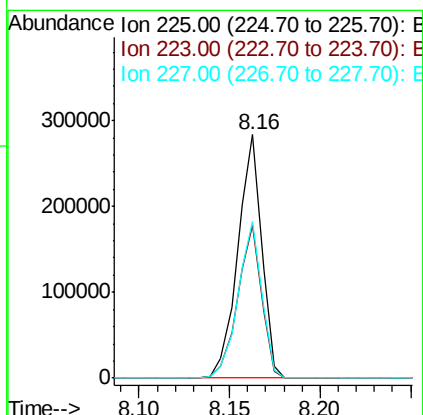
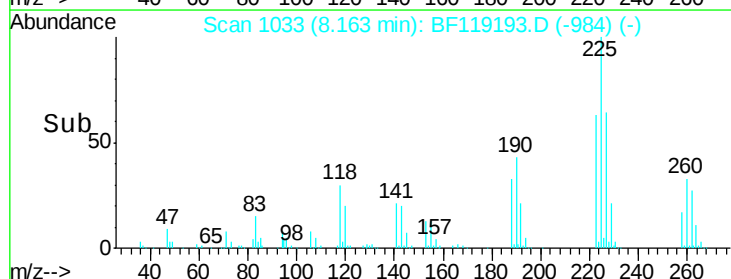
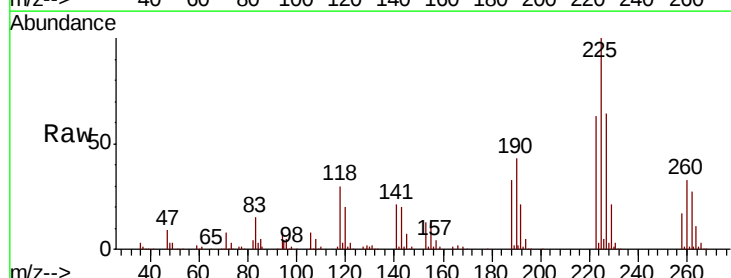
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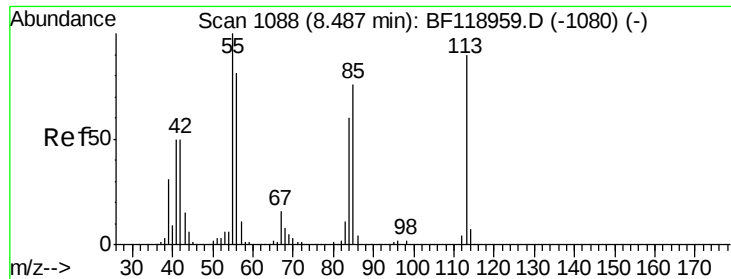
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#34
Hexachlorobutadiene
Concen: 40.769 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	49.4	74.2	
227	64.3	52.9	79.3	





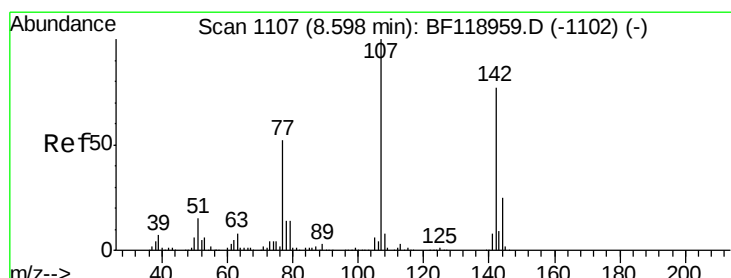
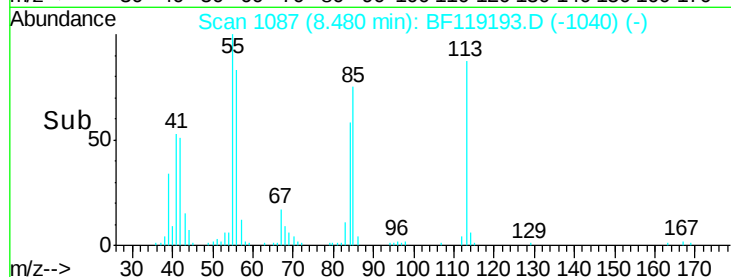
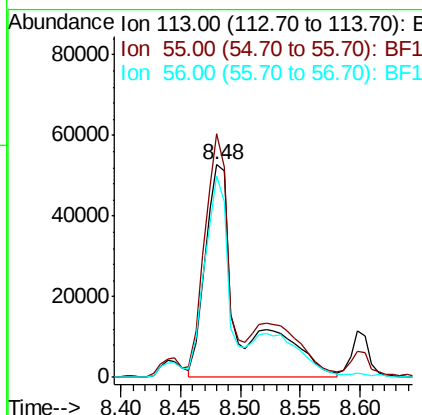
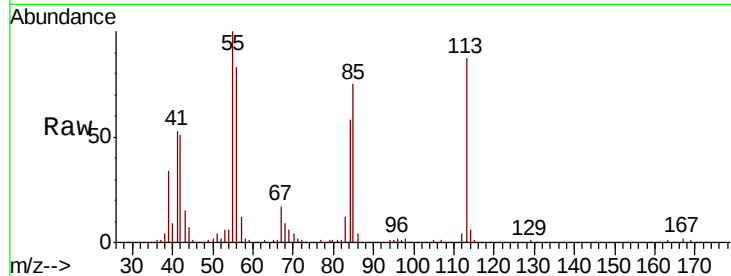
#35
 Caprolactam
 Concen: 40.431 ng/ml
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-030220MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		107067		
55	114.5	95.7	135.7		
56	95.0	73.1	113.1		

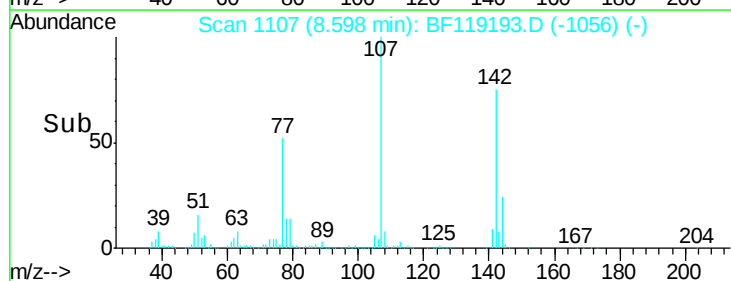
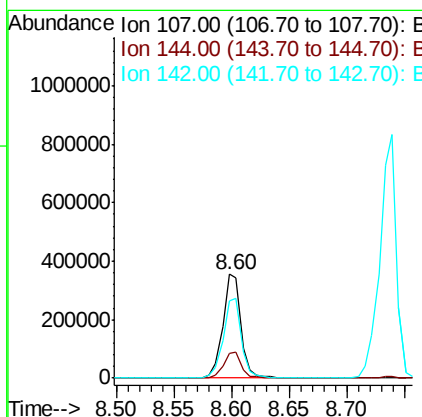
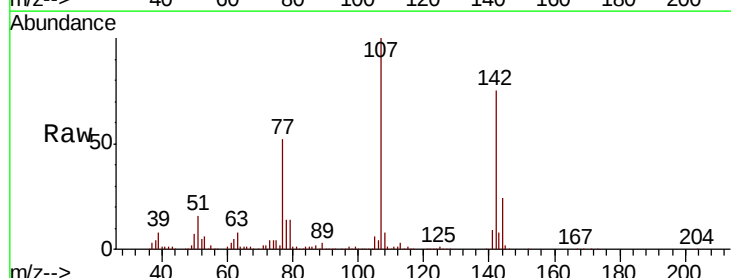
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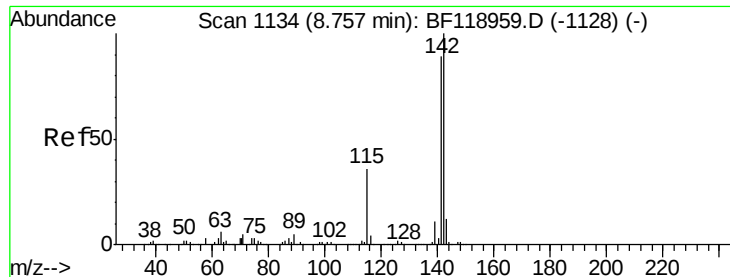
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#36
 4-Chloro-3-methylphenol
 Concen: 44.800 ng/ml
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		389934		
144	23.9	20.1	30.1		
142	74.5	61.4	92.2		





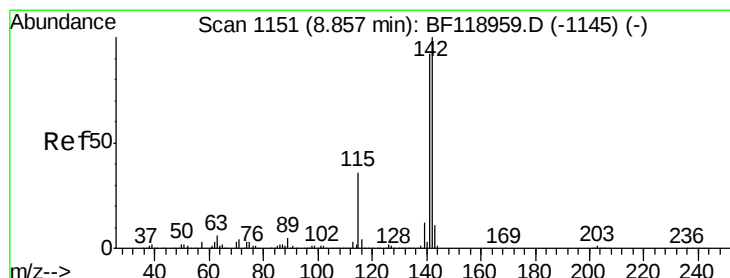
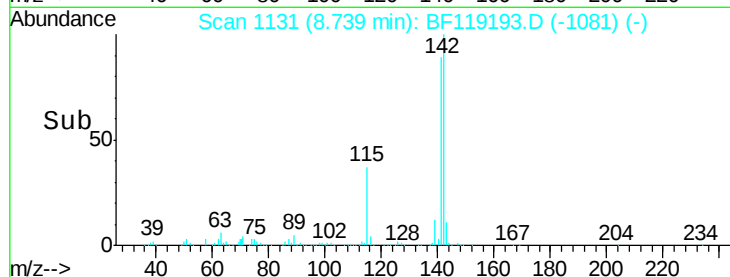
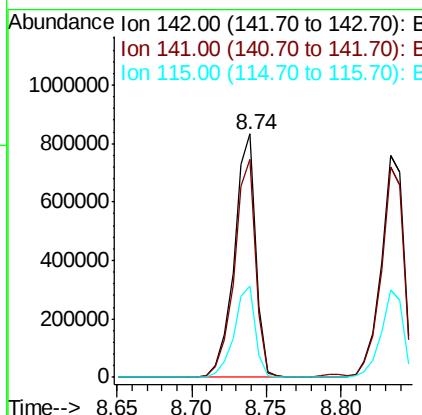
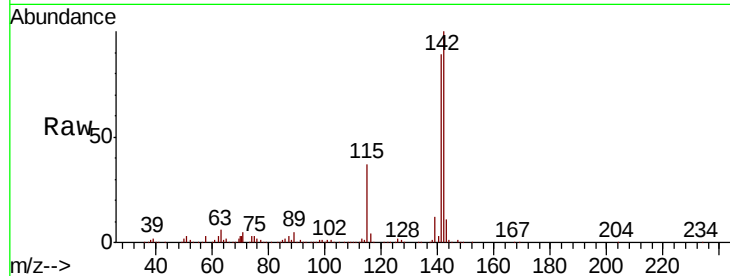
#37
2-Methylnaphthalene
Concen: 44.437 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.3	108.5
115	37.3	30.6	45.8

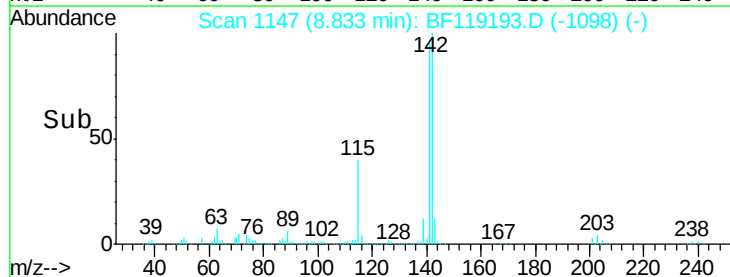
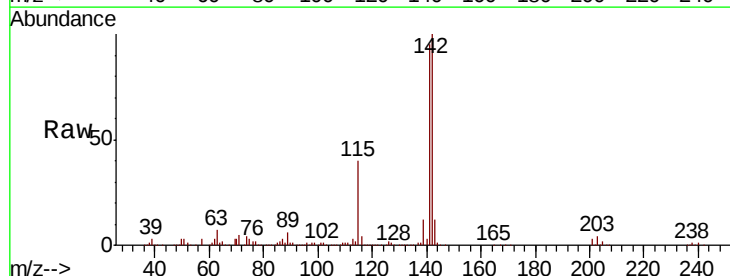
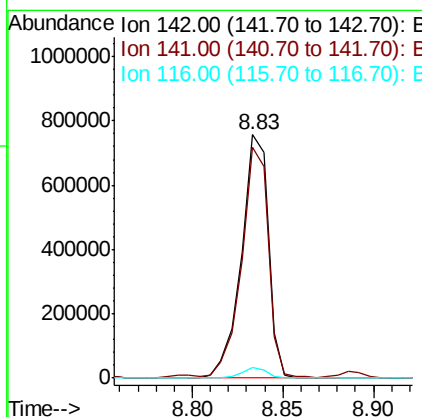
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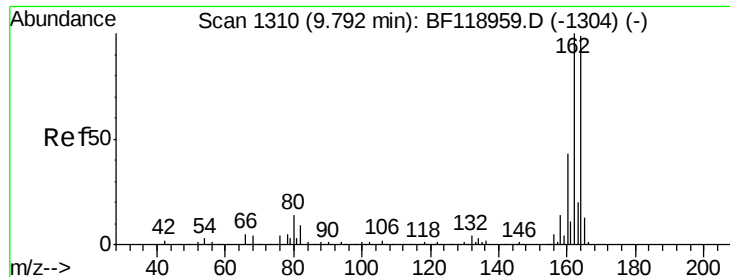
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#38
1-Methylnaphthalene
Concen: 44.007 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	75.8	113.6
116	4.2	3.1	4.7





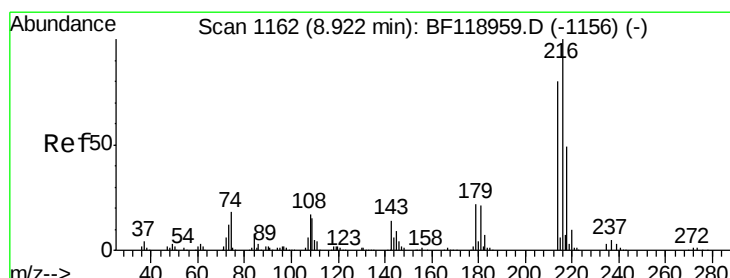
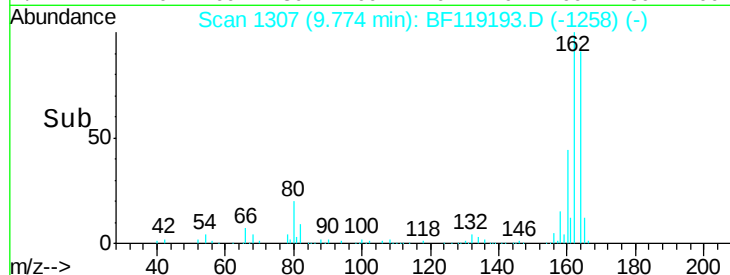
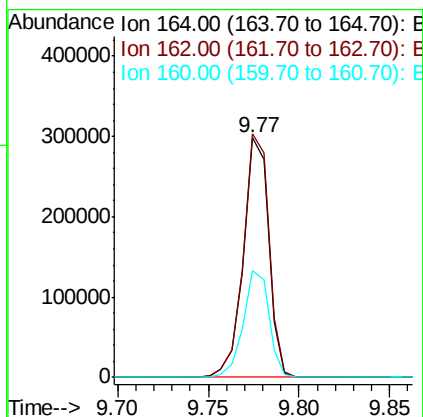
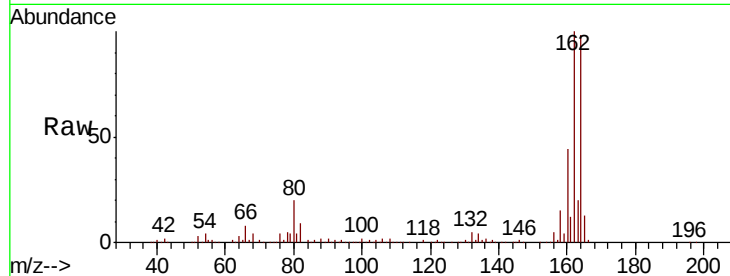
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.8	122.8
160	44.4	36.0	54.0

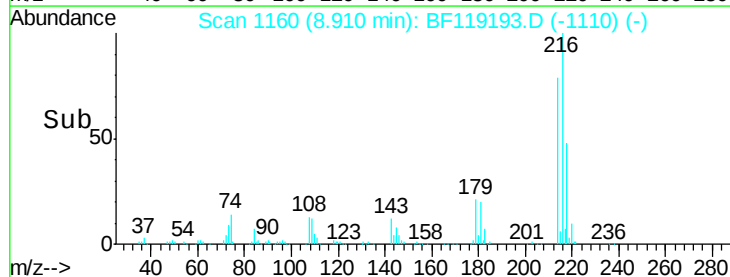
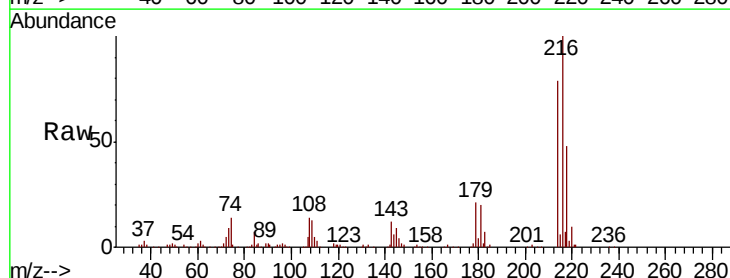
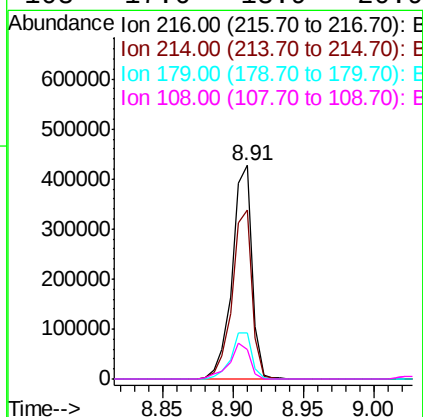
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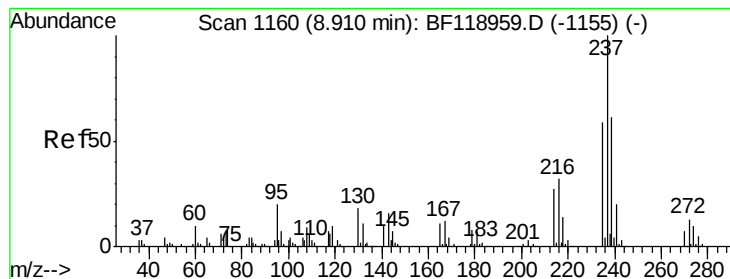
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.655 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.3	94.9
179	22.0	17.7	26.5
108	17.6	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 48.765 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

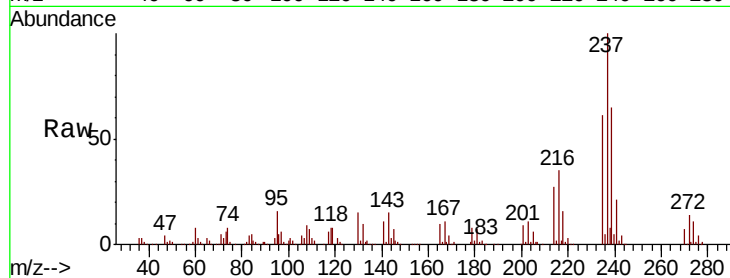
ClientSampleId :

TR-05-030220MSD

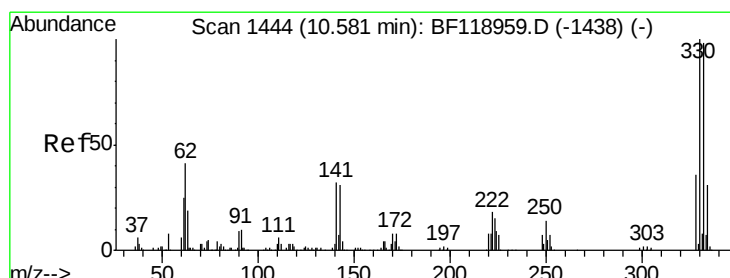
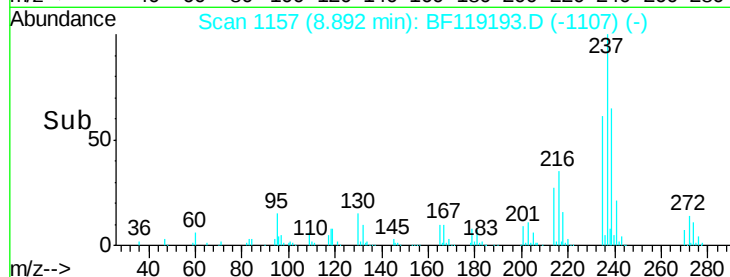
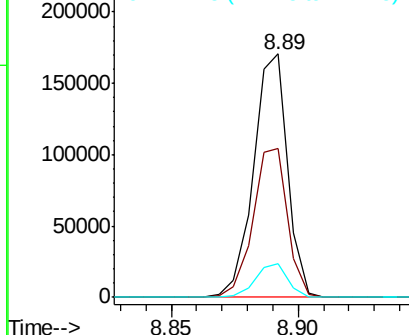
Tot Ion:	237	Resp:	159053
Ion Ratio	Lower	Upper	
237	100		
235	60.9	42.3	82.3
272	14.1	0.0	33.5

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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: 90.980 ng

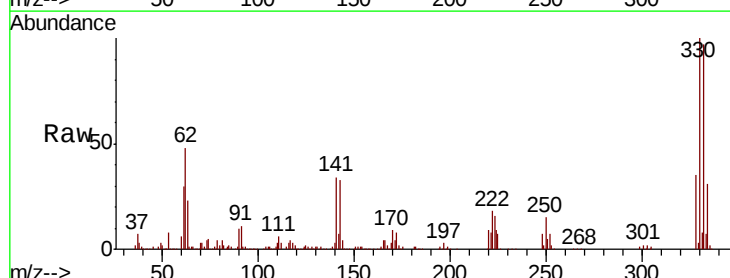
RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

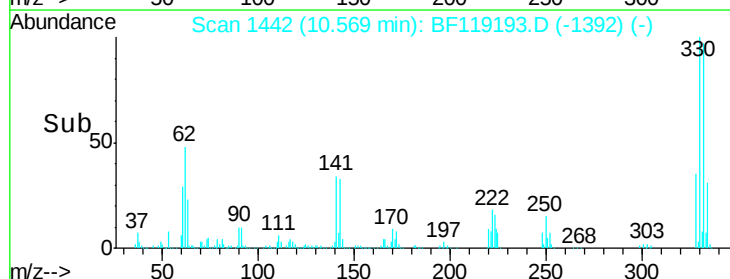
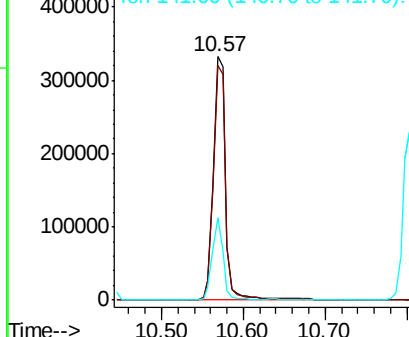
Lab File: BF119193.D

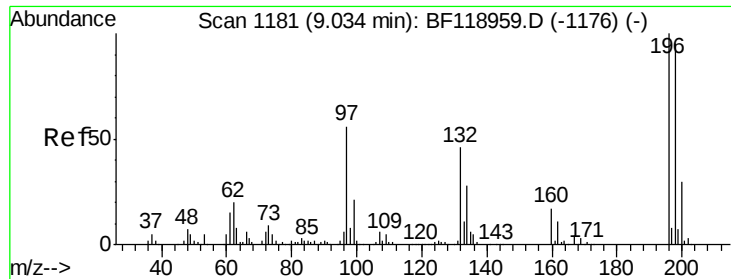
Acq: 4 Mar 2020 14:26

Tgt Ion:	330	Resp:	345775
Ion Ratio	Lower	Upper	
330	100		
332	97.2	76.0	114.0
141	29.8	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





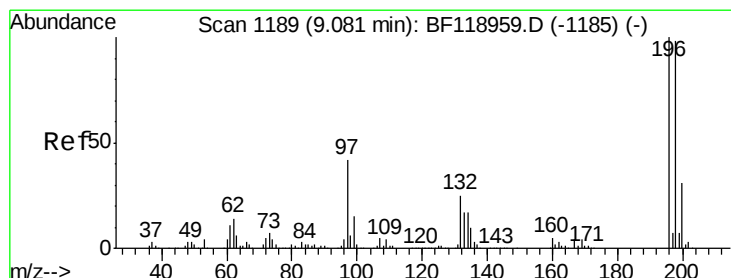
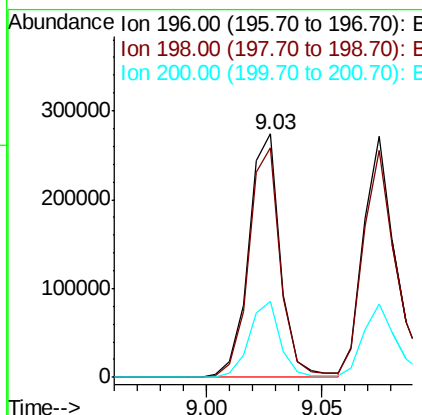
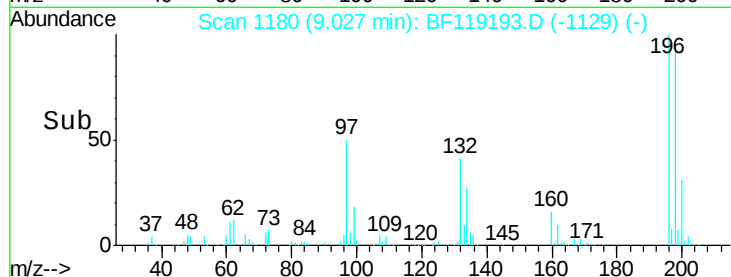
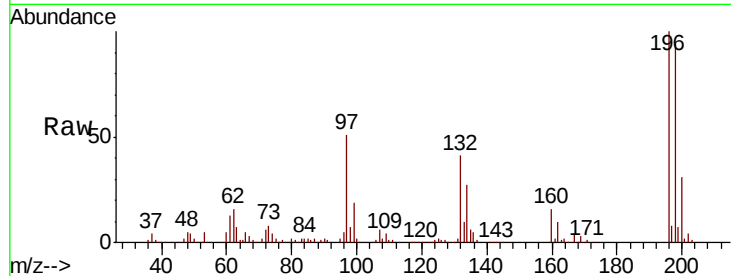
#43
2,4,6-Trichlorophenol
Concen: 42.621 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	263642		
198	94.4	77.1	115.7	
200	31.2	25.0	37.6	

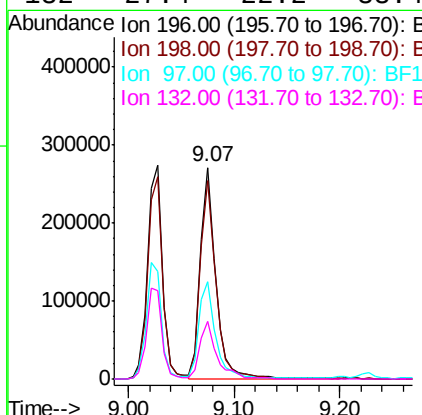
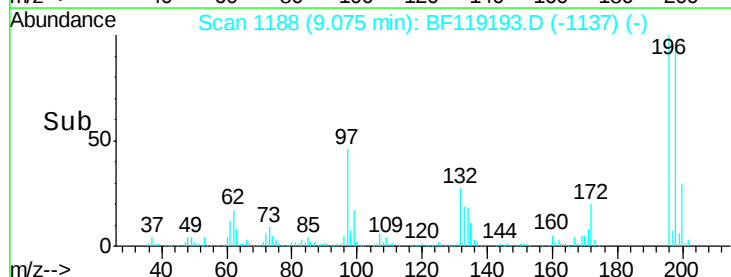
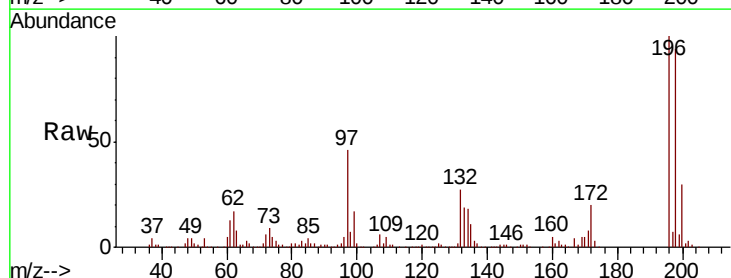
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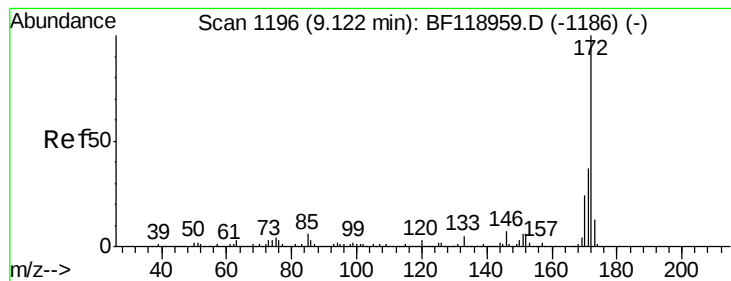
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 42.037 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	272863		
198	94.0	76.8	115.2	
97	46.1	38.5	57.7	
132	27.4	22.2	33.4	





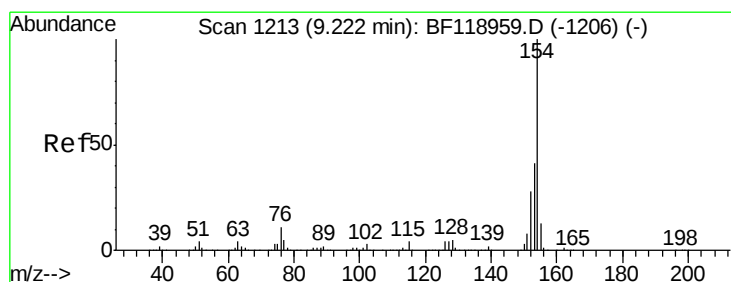
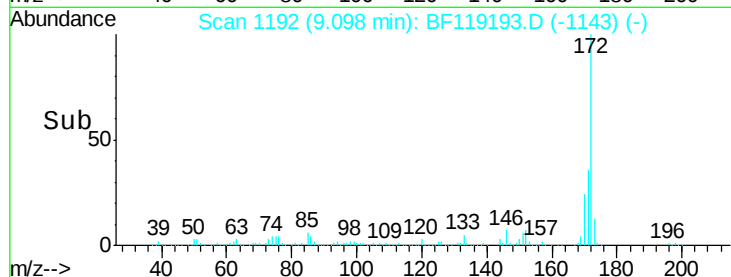
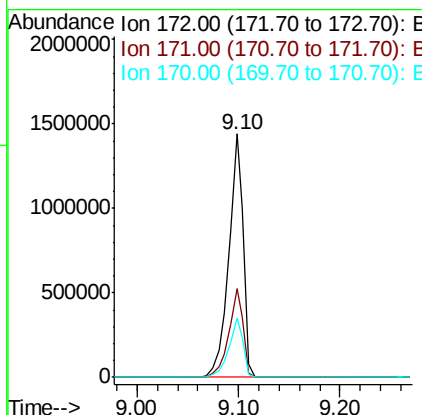
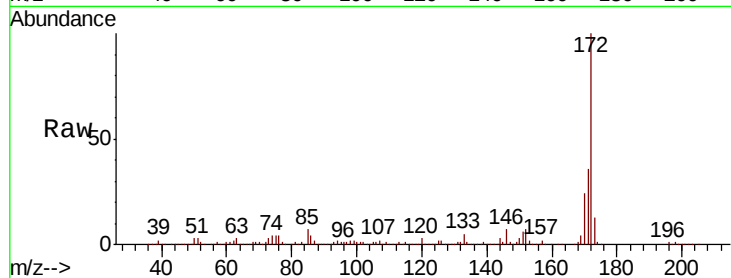
#45
2-Fluorobiphenyl
Concen: 71.920 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.6	45.8
170	24.4	20.2	30.2

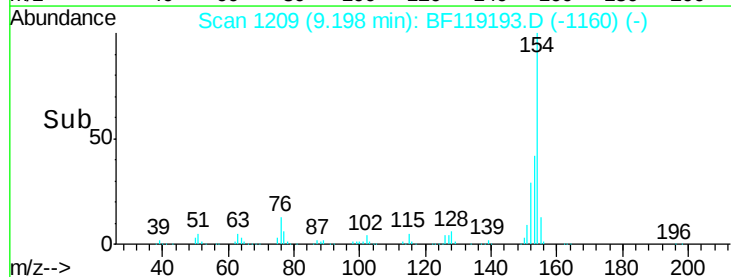
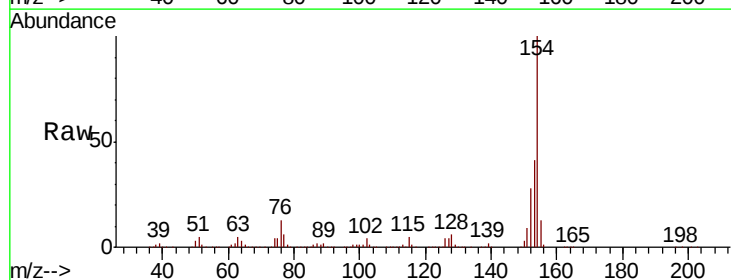
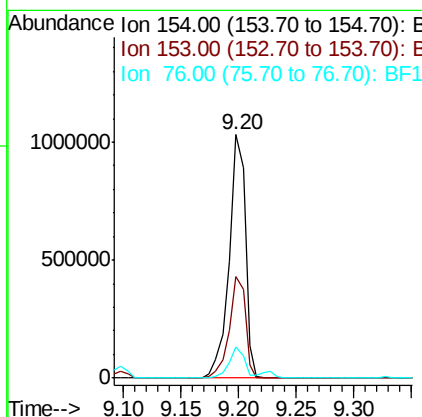
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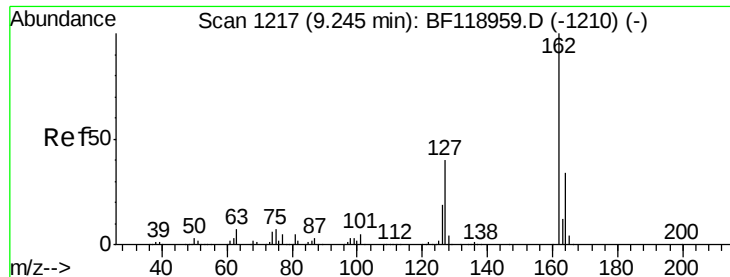
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#46
1,1'-Biphenyl
Concen: 42.952 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.8	62.8
76	12.7	0.0	32.2





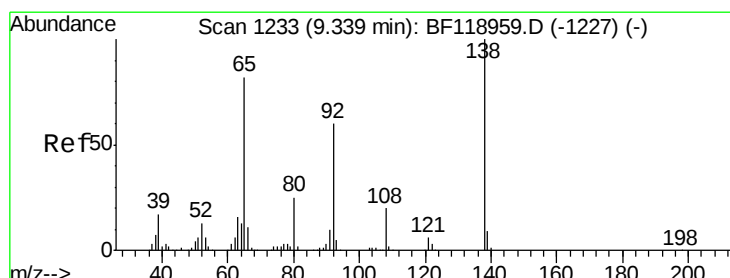
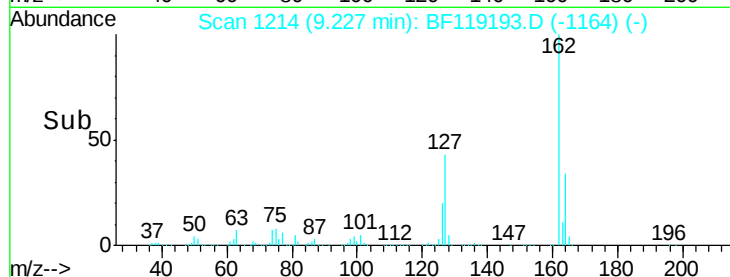
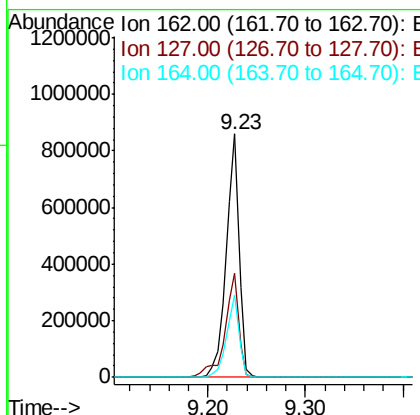
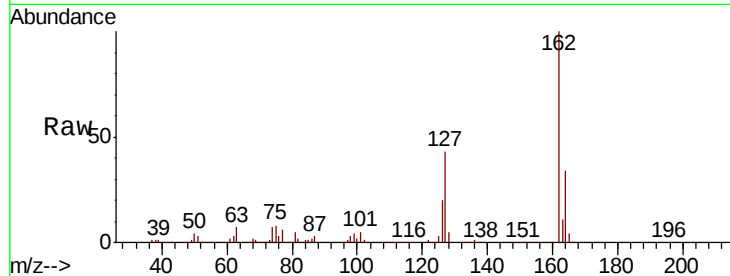
#47
 2-Chloronaphthalene
 Concen: 41.581 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-030220MSD

Tot Ion:	162	Resp:	786791
Ion Ratio	Lower	Upper	
162	100		
127	42.7	35.0	52.4
164	33.9	27.2	40.8

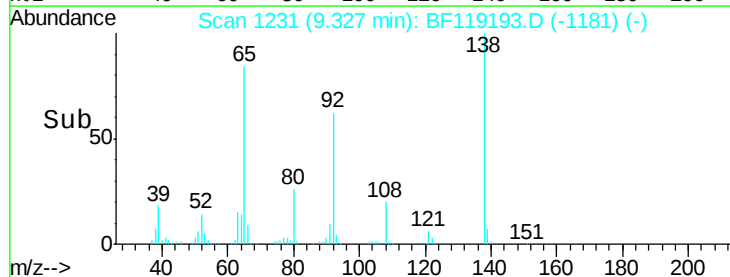
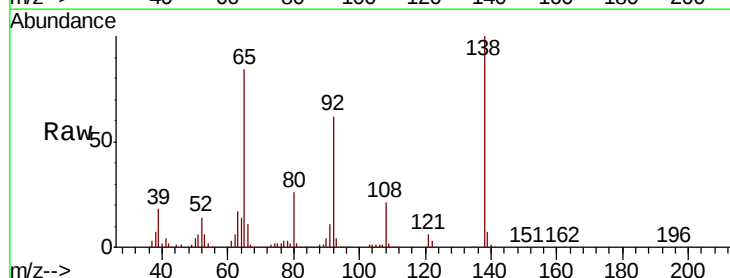
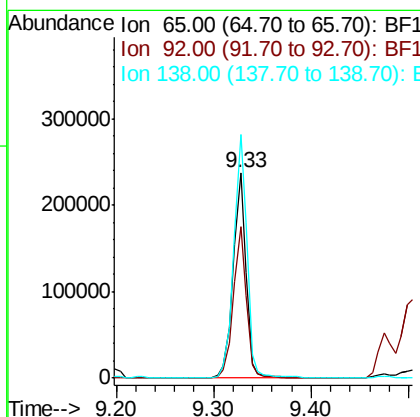
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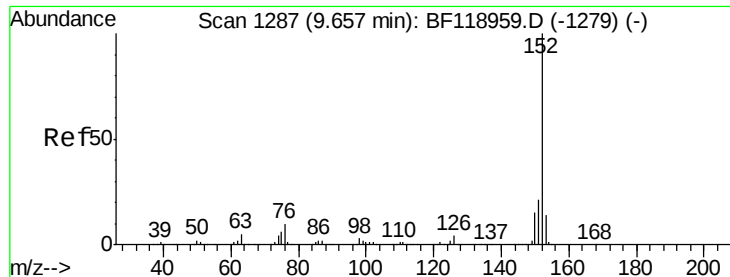
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#48
 2-Nitroaniline
 Concen: 42.174 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Tgt Ion:	65	Resp:	222578
Ion Ratio	Lower	Upper	
65	100		
92	74.0	58.2	87.2
138	118.5	95.6	143.4





#49

Acenaphthylene

Concen: 43.468 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

ClientSampleId :

TR-05-030220MSD

Tot Ion:152 Resp: 1187913

Ion Ratio Lower Upper

152 100

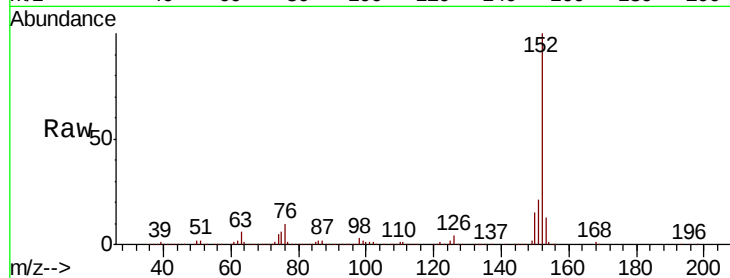
151 20.9 16.9 25.3

153 13.5 11.0 16.6

Manual Integrations
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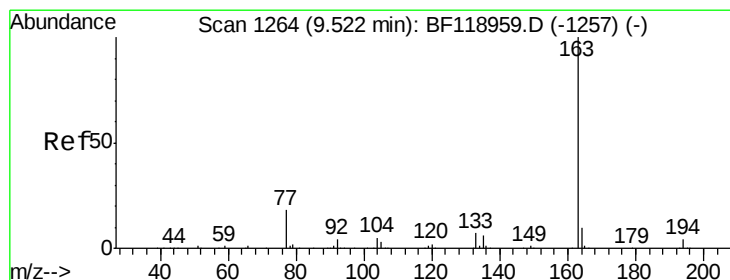
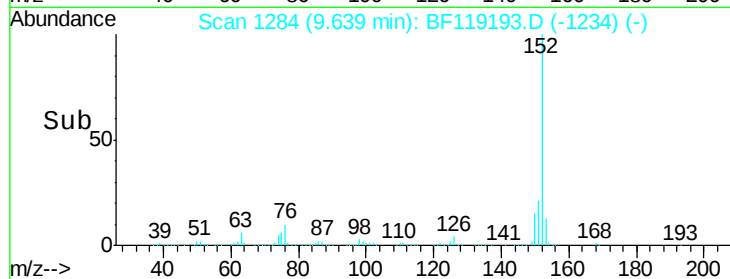
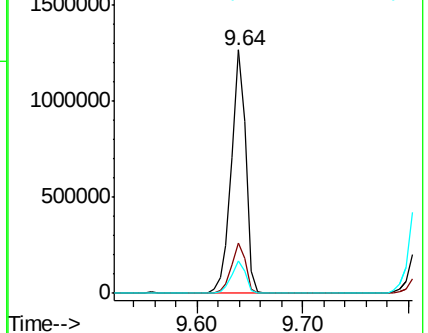
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.767 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Tgt Ion:163 Resp: 1172257

Ion Ratio Lower Upper

163 100

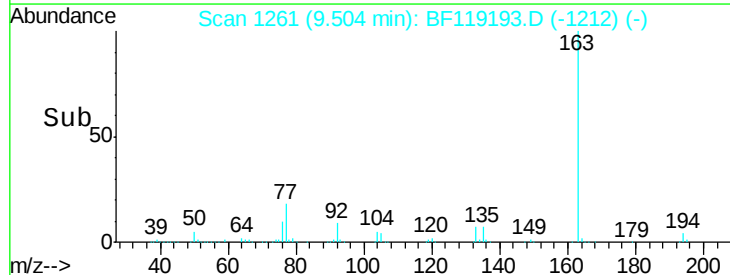
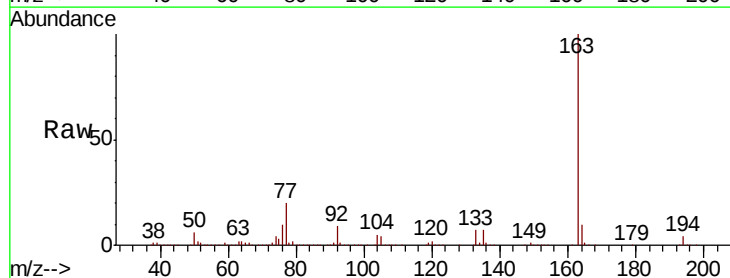
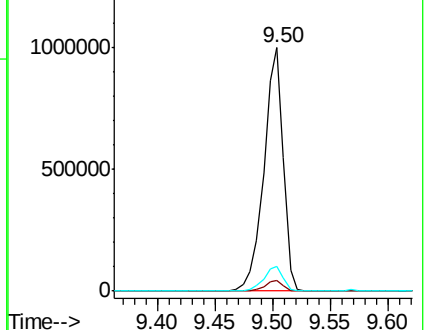
194 4.3 3.5 5.3

164 10.3 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





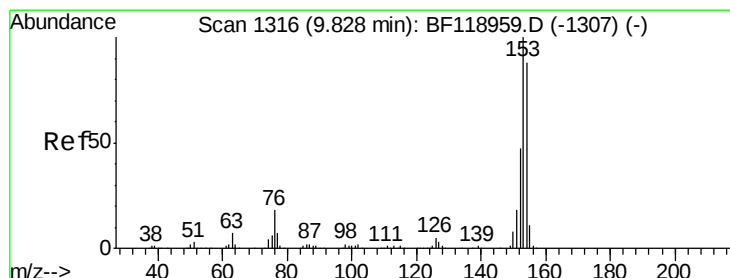
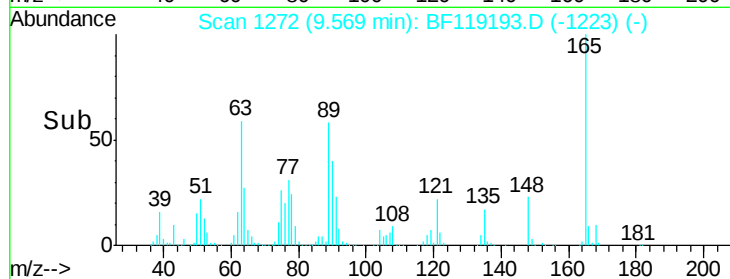
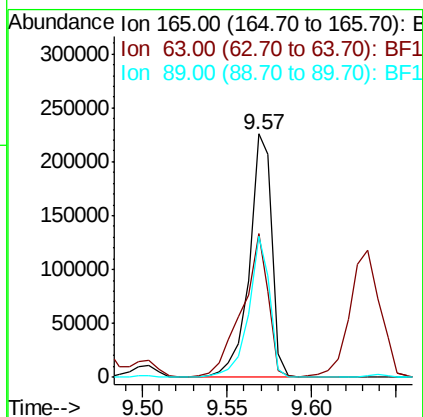
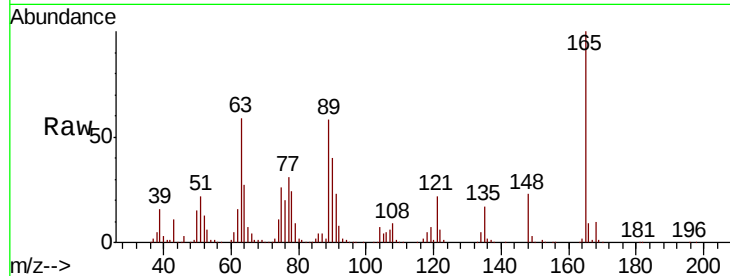
#51
2,6-Dinitrotoluene
Concen: 42.975 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	59.2	34.3	51.5#
89	57.8	38.3	57.5#

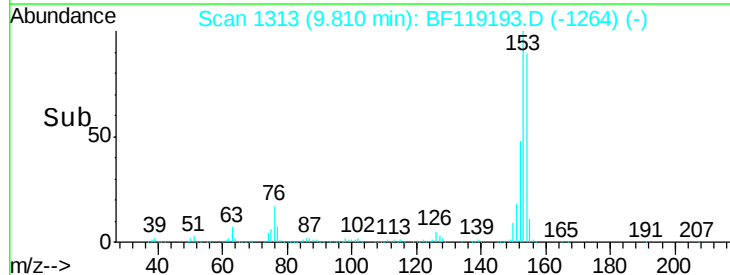
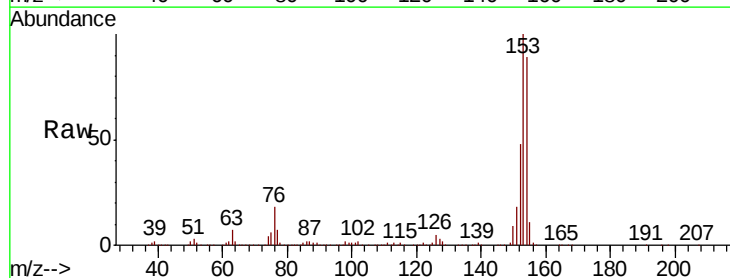
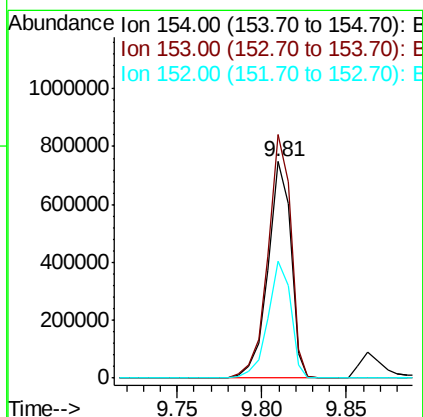
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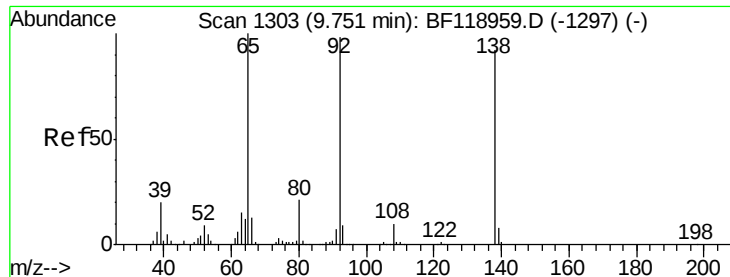
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#52
Acenaphthene
Concen: 42.779 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.4	90.3	135.5
152	53.9	43.8	65.8





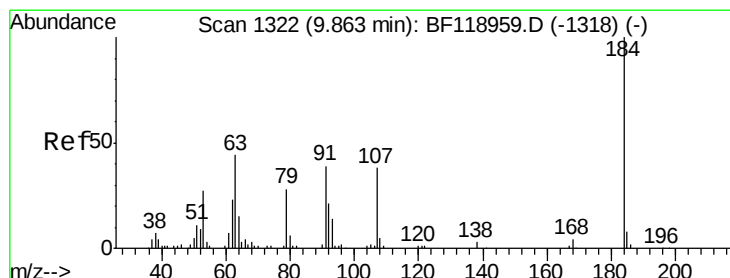
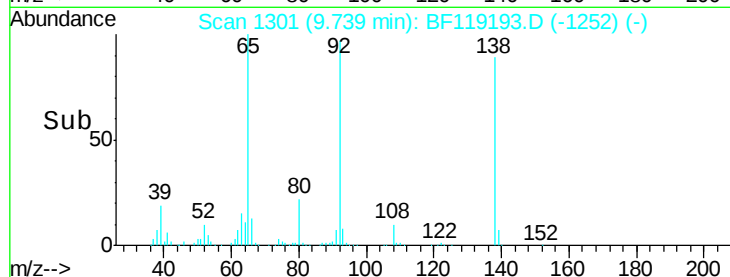
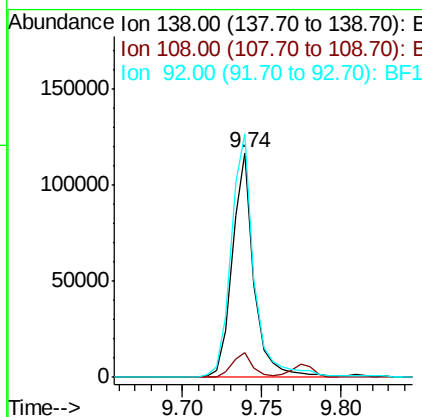
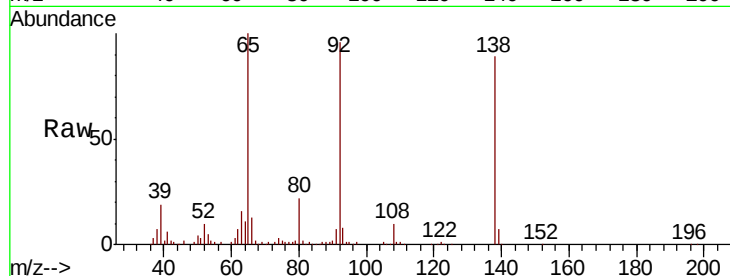
#53
3-Nitroaniline
Concen: 20.236 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.1	8.8	13.2	
92	108.5	84.8	127.2	

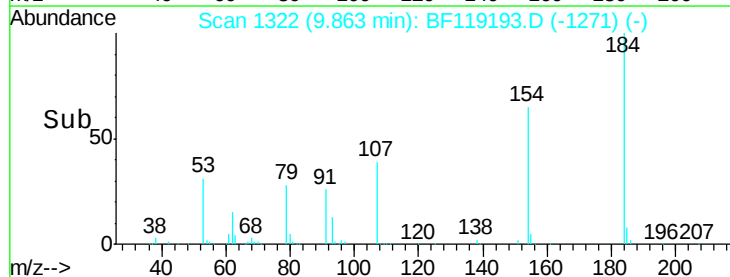
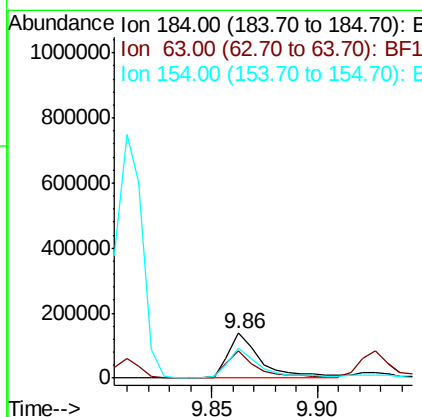
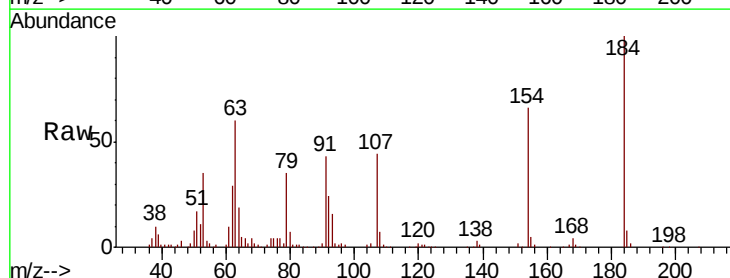
Manual Integrations
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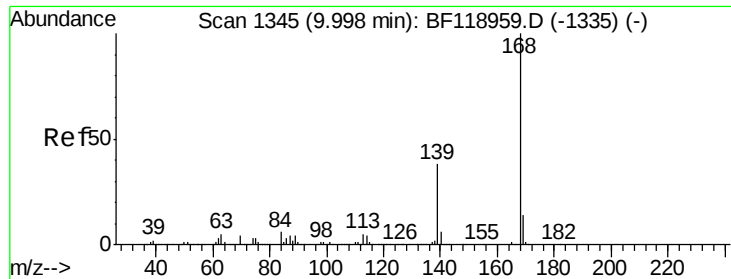
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#54
2,4-Dinitrophenol
Concen: 63.887 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	59.8	38.7	58.1#	
154	65.8	49.7	74.5	





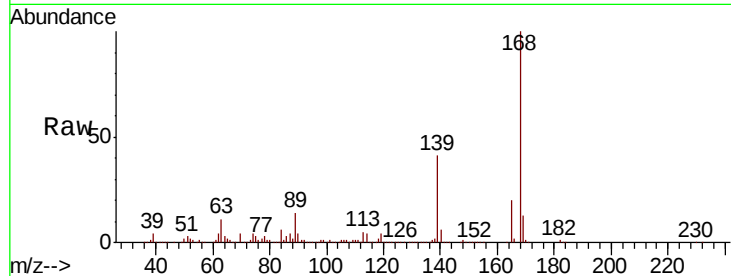
#55
Dibenzofuran
Concen: 42.072 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	34.0	51.0
169	13.3	11.0	16.4

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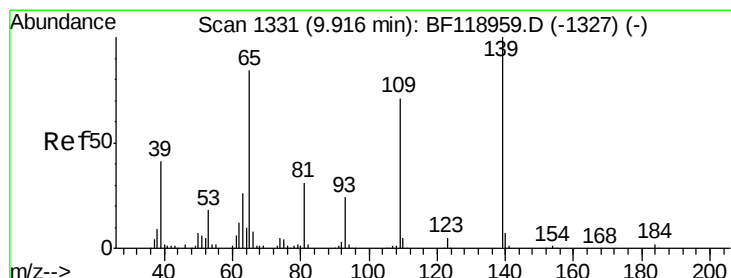
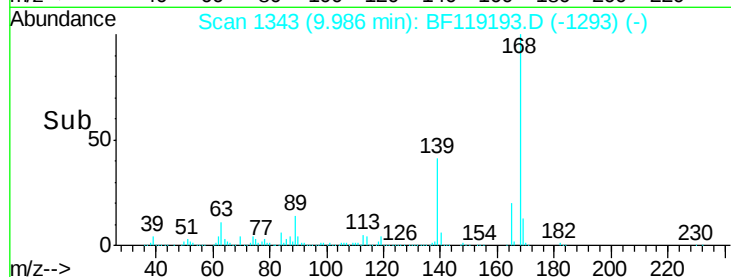
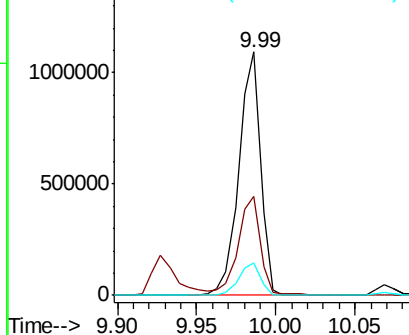


Abundance

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: 58.460 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

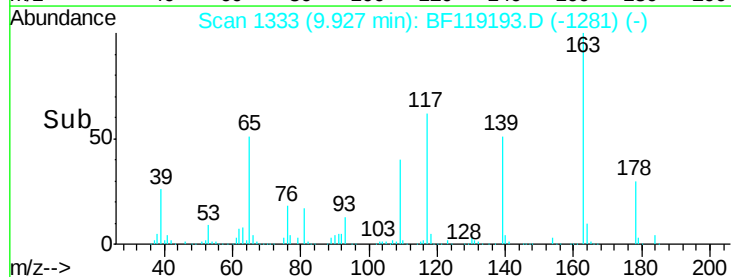
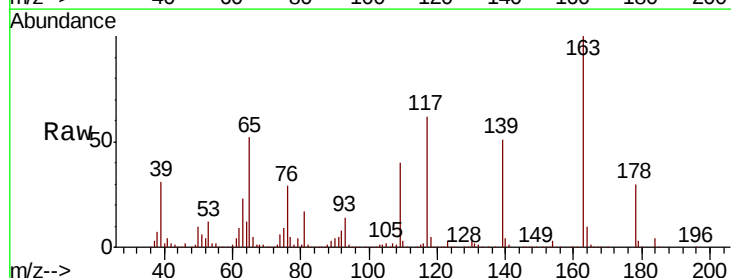
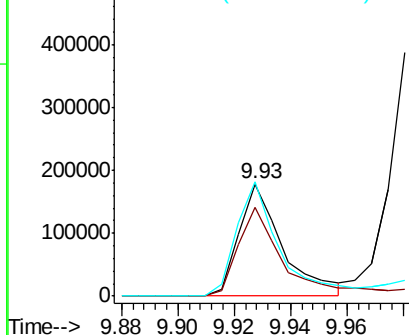
Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.6	56.7	96.7
65	101.7	65.0	105.0

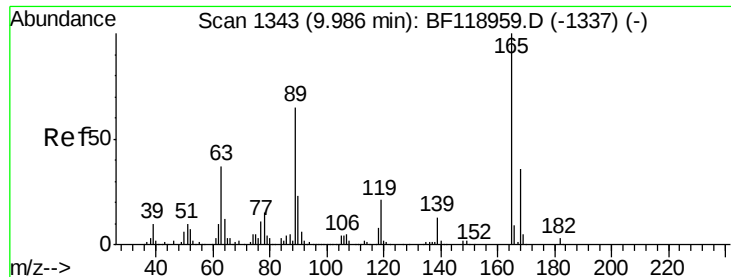
Abundance

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





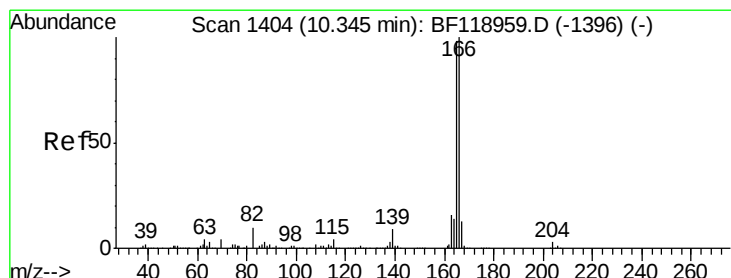
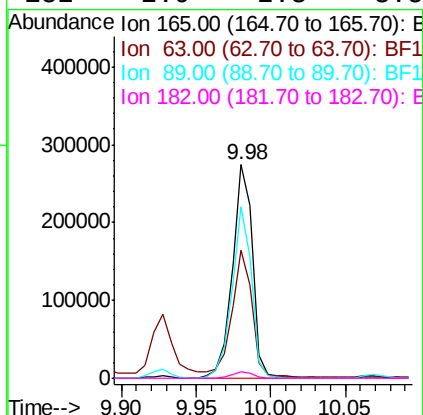
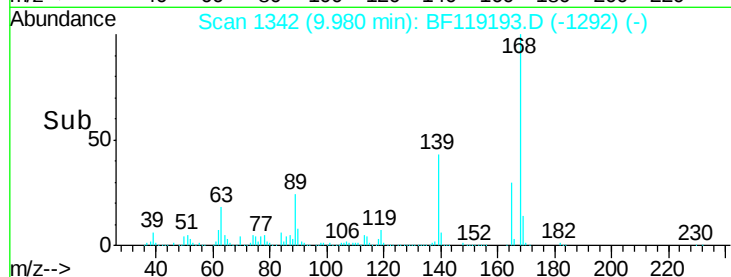
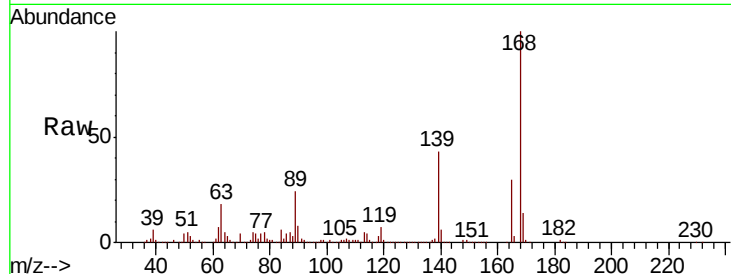
#57
 2,4-Dinitrotoluene
 Concen: 40.705 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-030220MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	260416		
63	60.1	42.3	63.5	
89	80.6	60.2	90.4	
182	2.9	2.3	3.5	

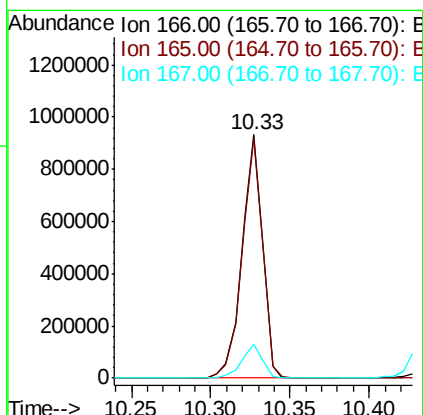
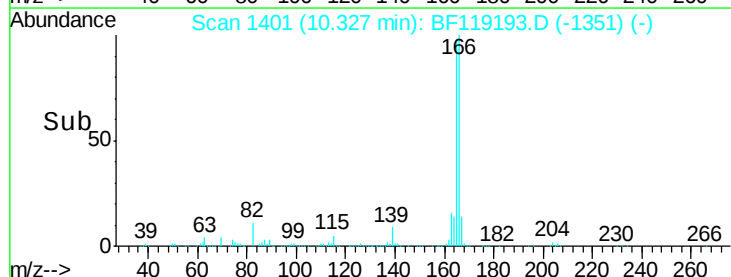
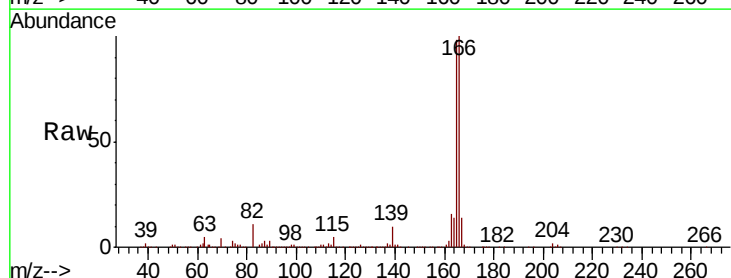
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#58
 Fluorene
 Concen: 43.159 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	824882		
165	98.3	78.5	117.7	
167	13.7	11.0	16.4	





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.360 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

ClientSampleId :

TR-05-030220MSD

Tot Ion:232 Resp: 215576

Ion Ratio Lower Upper

232 100

131 42.5 33.8 50.8

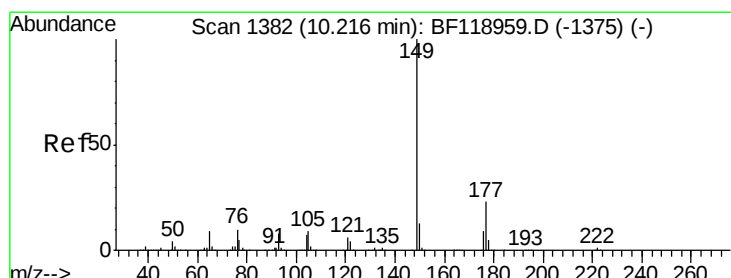
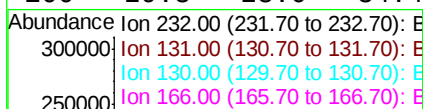
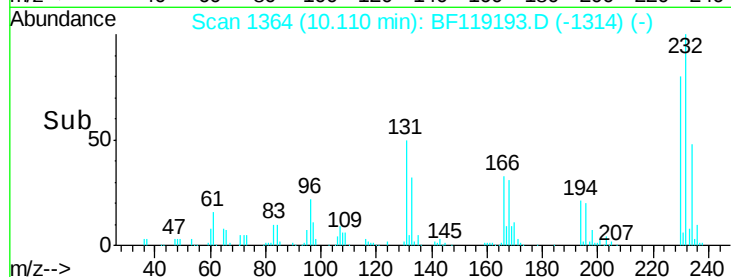
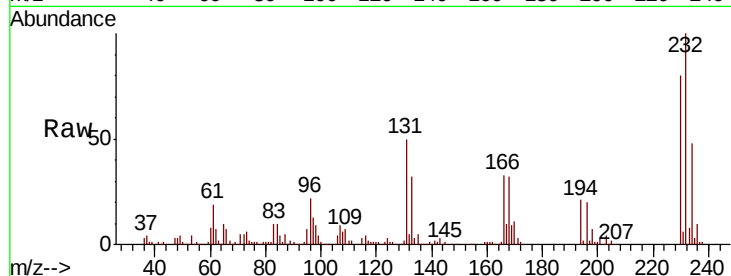
130 2.4 1.8 2.6

166 29.3 23.0 34.4

Manual Integrations
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#60

Diethylphthalate

Concen: 44.931 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

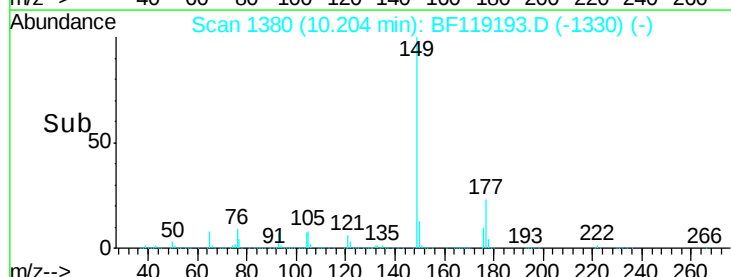
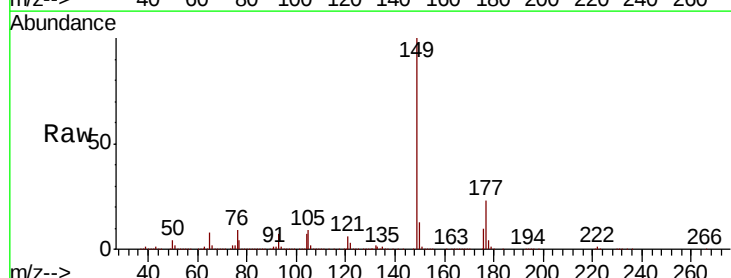
Tgt Ion:149 Resp: 940679

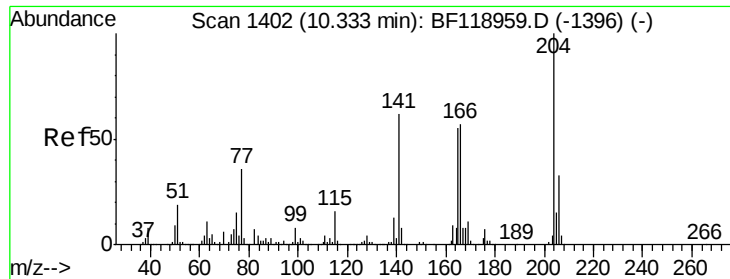
Ion Ratio Lower Upper

149 100

177 23.2 18.2 27.2

150 12.6 10.5 15.7





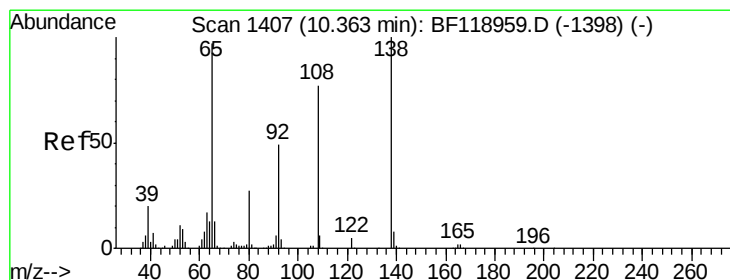
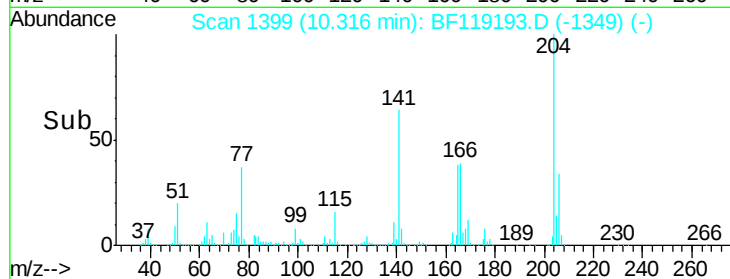
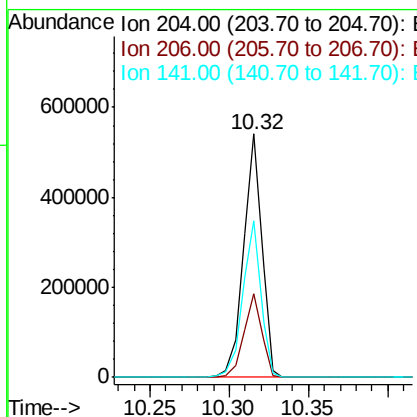
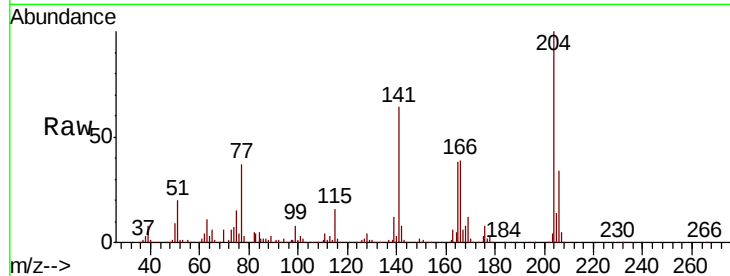
#61
 4-Chlorophenyl-phenylether
 Concen: 42.818 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-030220MSD

Tot Ion:	204	Resp:	433176
Ion Ratio		Lower	Upper
204	100		
206	34.2	27.1	40.7
141	64.2	52.9	79.3

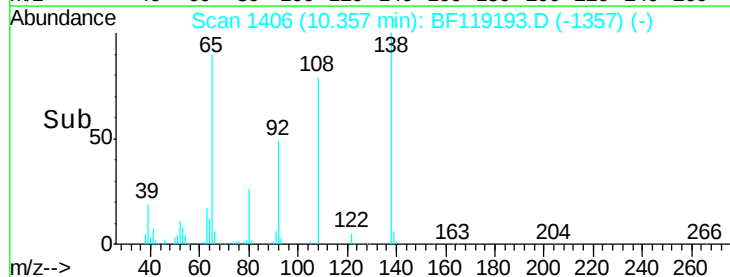
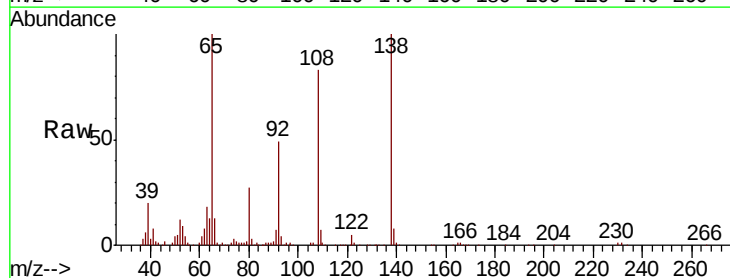
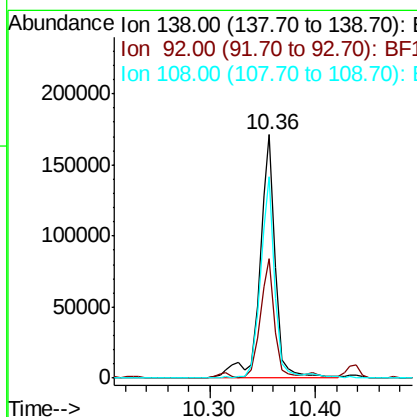
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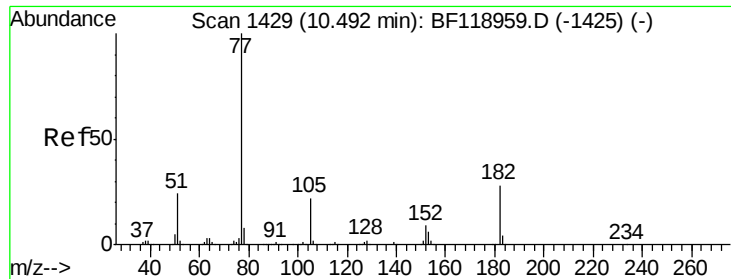
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#62
 4-Nitroaniline
 Concen: 32.094 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Tgt Ion:	138	Resp:	179670
Ion Ratio		Lower	Upper
138	100		
92	49.1	27.3	67.3
108	82.8	57.0	97.0





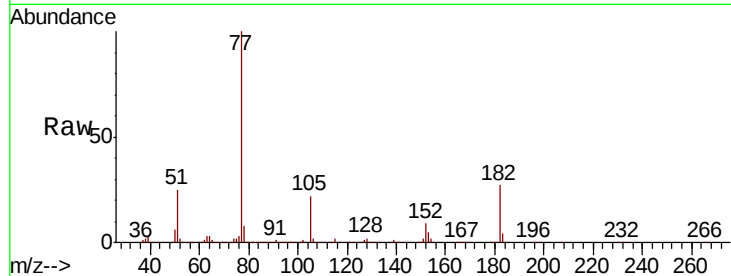
#63
Azobenzene
Concen: 44.048 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MSD

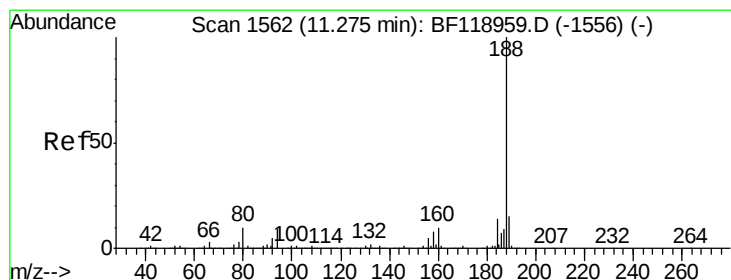
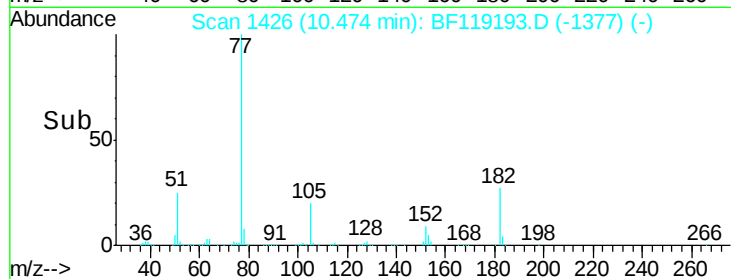
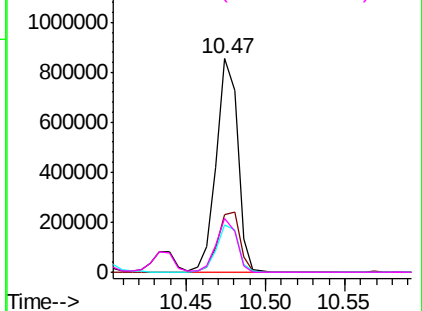
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.1	11.4	51.4	
105	22.0	3.4	43.4	
51	25.1	5.1	45.1	

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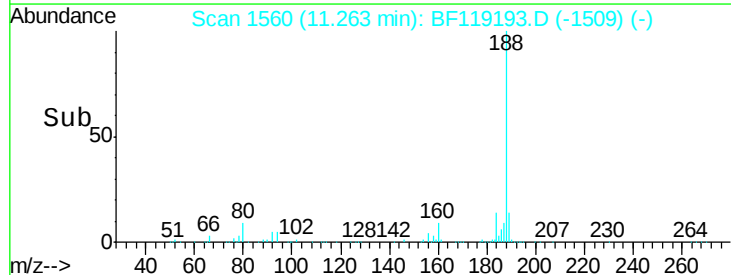
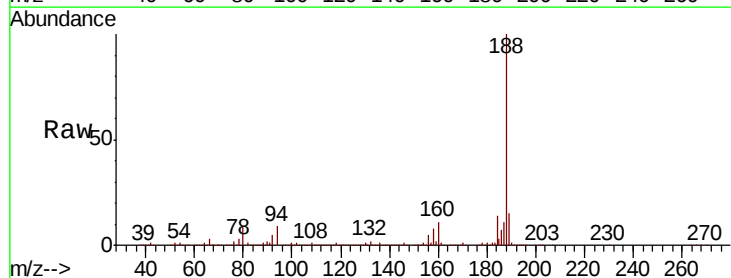
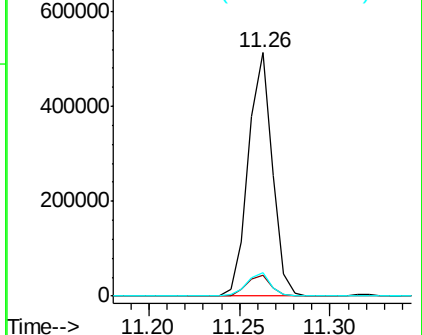
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

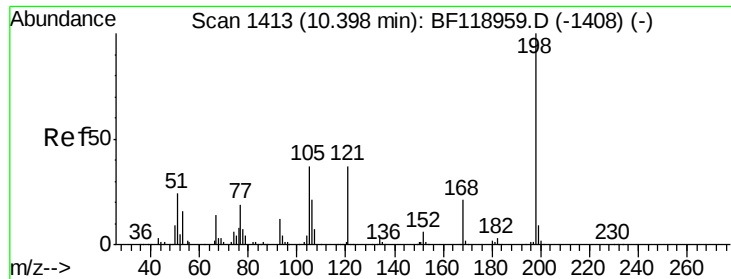


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.7	7.1	10.7	
80	9.5	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





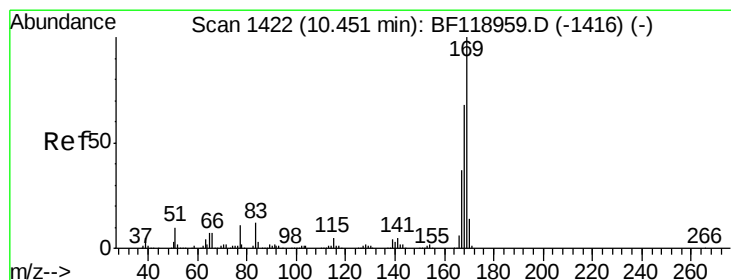
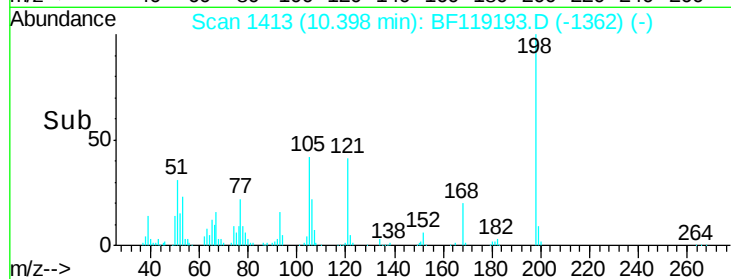
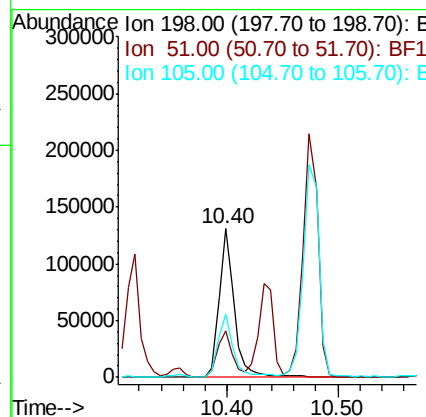
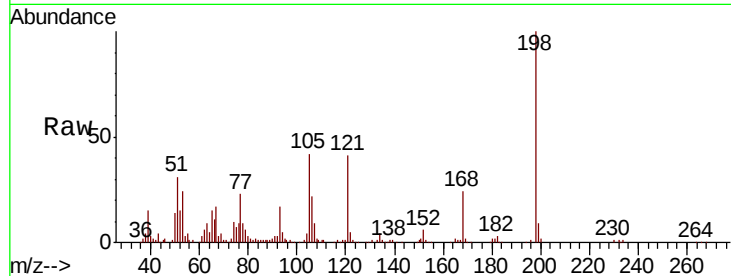
#65
4,6-Dinitro-2-methylphenol
Concen: 44.173 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	125638		
51	31.0	14.2	54.2	
105	42.1	22.7	62.7	

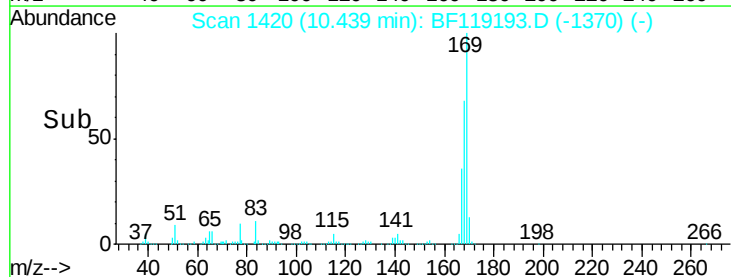
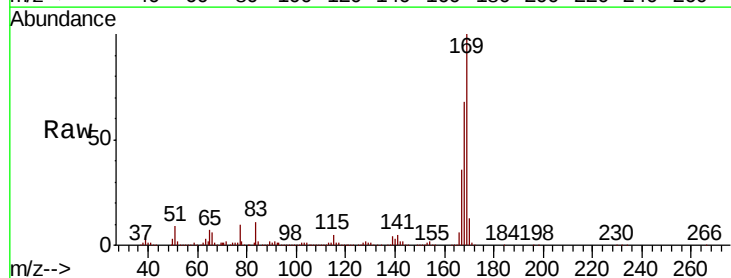
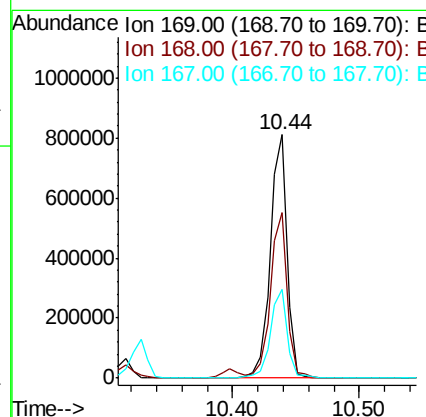
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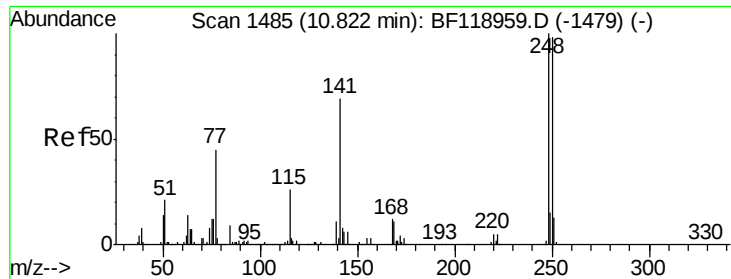
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#66
n-Nitrosodiphenylamine
Concen: 48.664 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	748966		
168	67.9	54.1	81.1	
167	36.5	29.4	44.0	





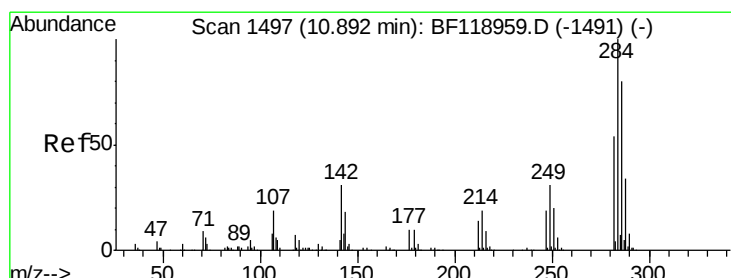
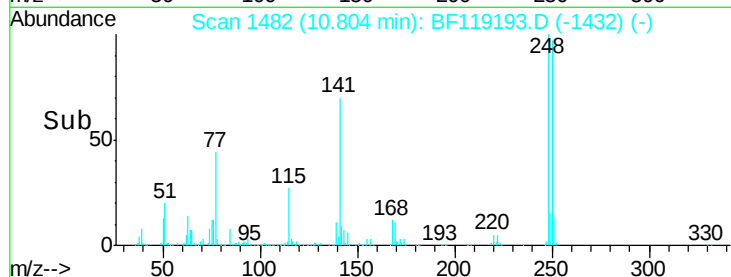
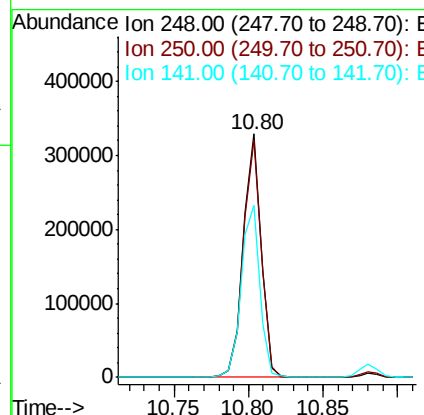
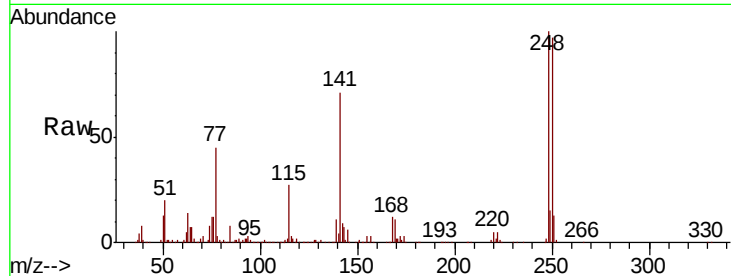
#67
4-Bromophenyl-phenylether
Concen: 45.059 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.7	115.1
141	70.5	60.7	91.1

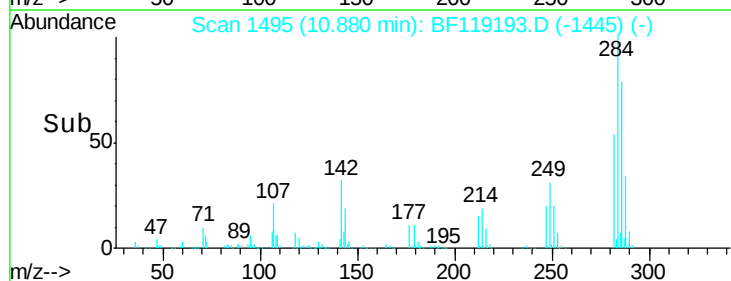
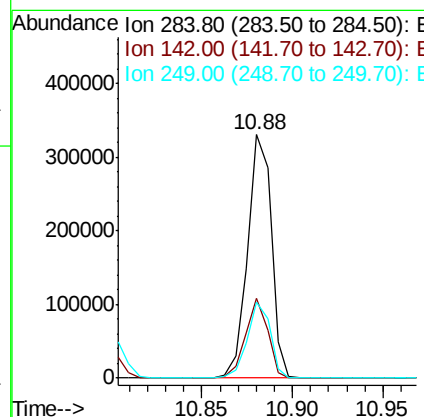
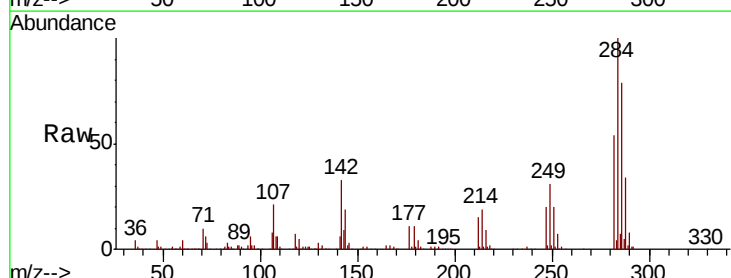
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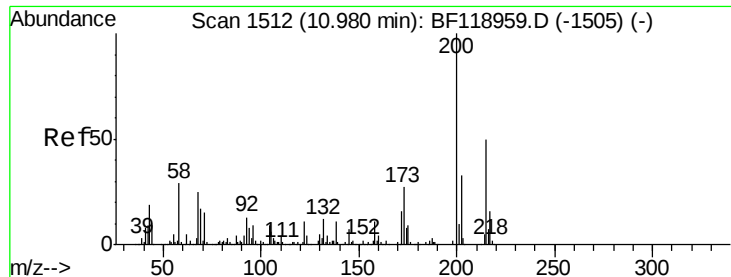
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#68
Hexachlorobenzene
Concen: 42.674 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.7	23.7	35.5
249	31.0	25.0	37.6





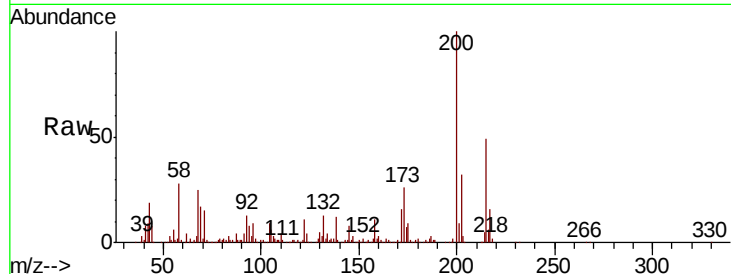
#69
Atrazine
Concen: 45.334 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MSD

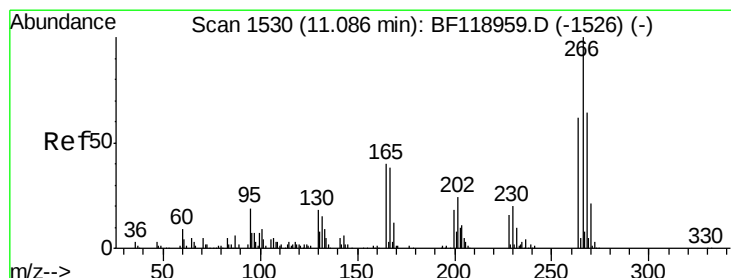
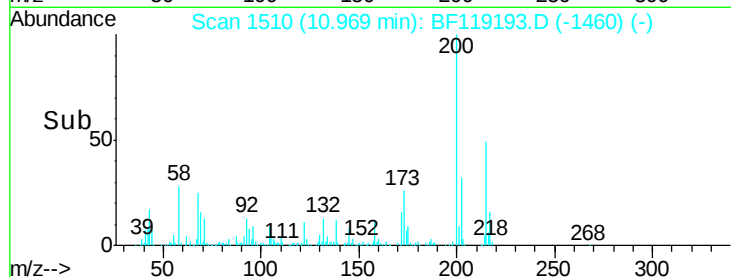
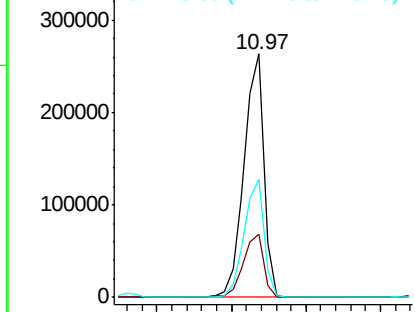
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.4	46.4
215	48.8	27.4	67.4

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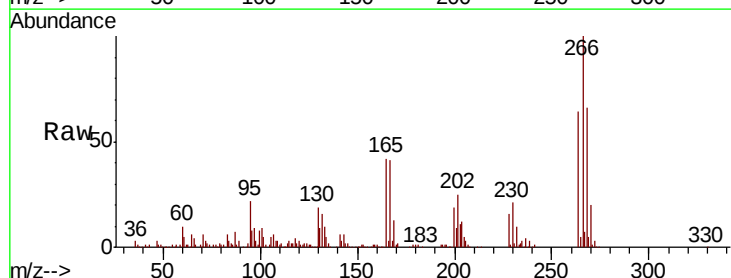


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

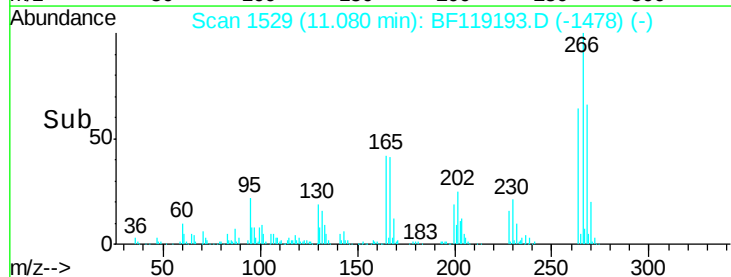
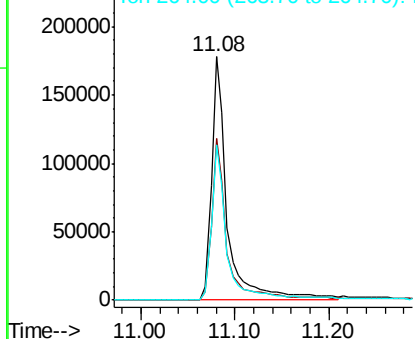


#70
Pentachlorophenol
Concen: 73.858 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.9	77.9
264	63.8	51.0	76.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 46.673 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

ClientSampleId :

TR-05-030220MSD

Tot Ion:178 Resp: 1196393

Ion Ratio Lower Upper

178 100

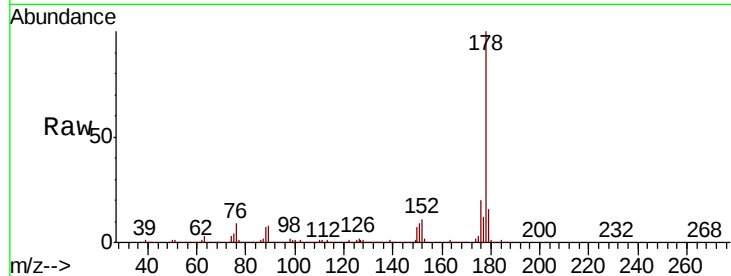
176 19.7 16.5 24.7

179 16.0 13.0 19.6

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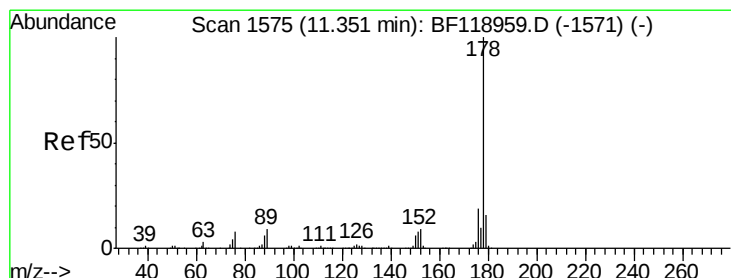
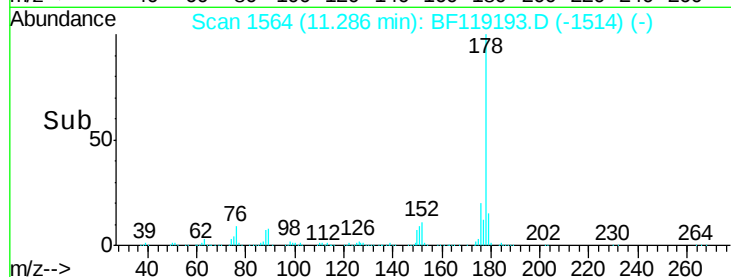
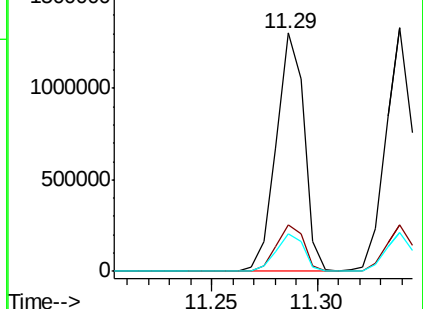
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.991 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Tgt Ion:178 Resp: 1177932

Ion Ratio Lower Upper

178 100

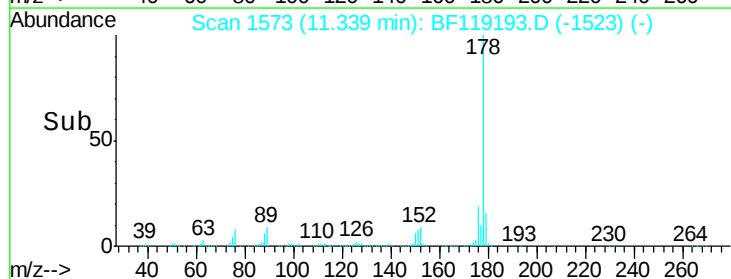
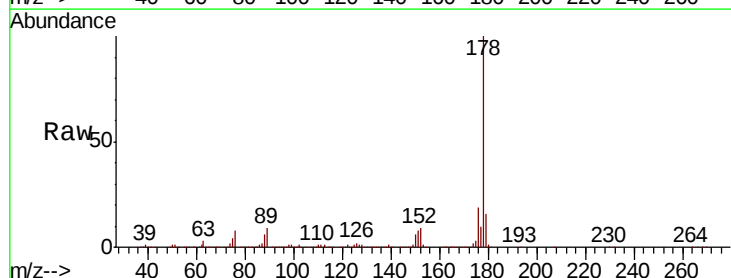
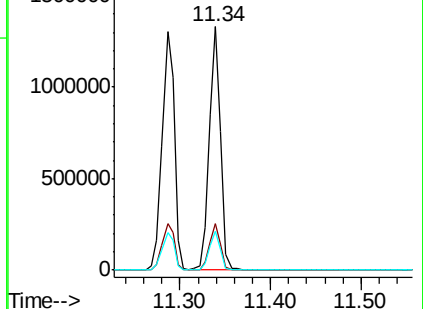
176 19.2 16.0 24.0

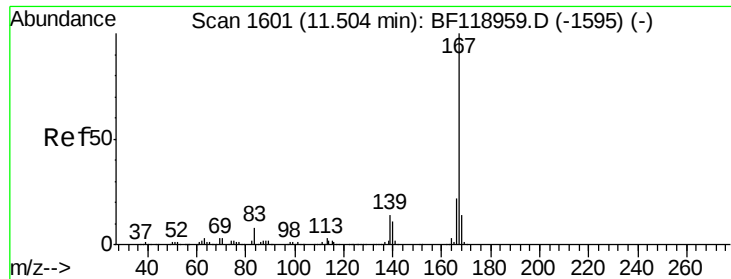
179 16.1 13.1 19.7

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: 41.834 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

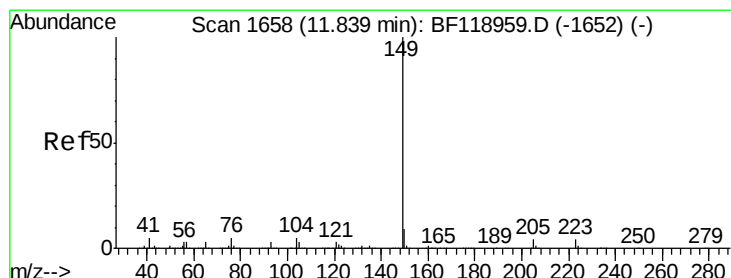
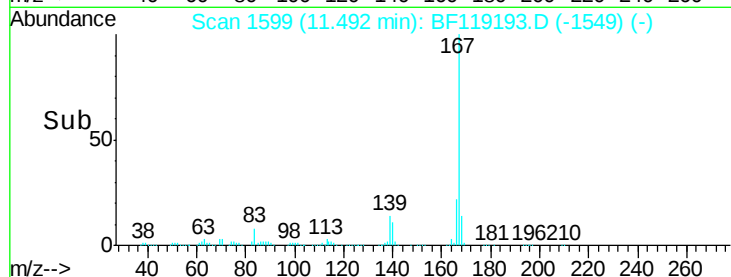
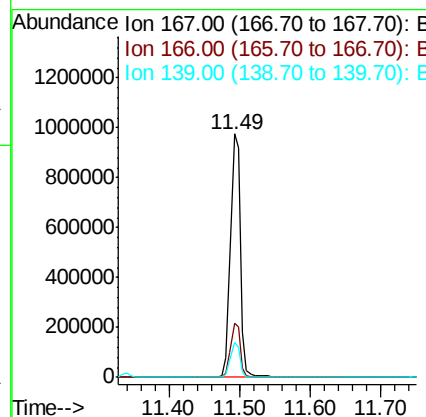
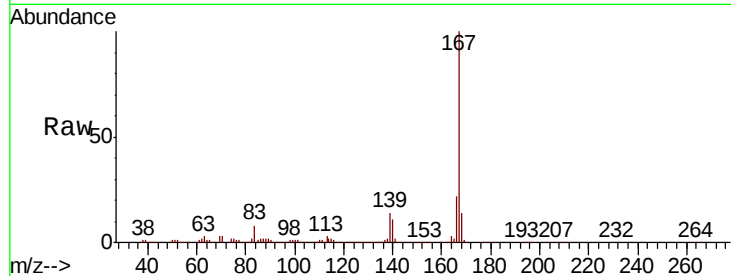
ClientSampleId :

TR-05-030220MSD

Tot Ion:	167	Resp:	954540
Ion Ratio		Lower	Upper
167	100		
166	22.3	18.2	27.4
139	14.3	11.7	17.5

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#74

Di-n-butylphthalate

Concen: 47.882 ng

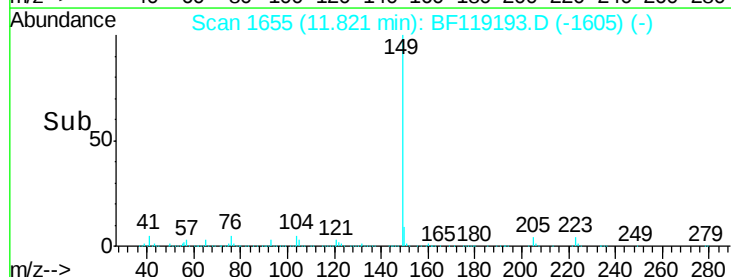
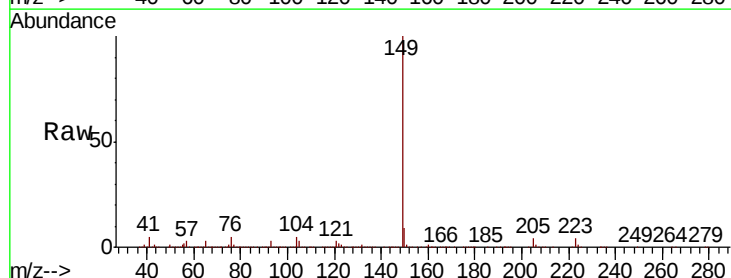
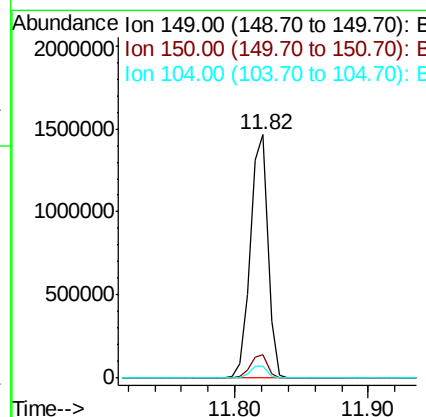
RT: 11.82 min Scan# 1655

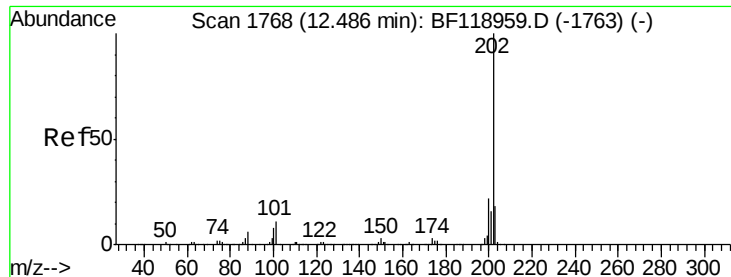
Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Tgt Ion:	149	Resp:	1323055
Ion Ratio		Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.0	4.6	6.8





#75

Fluoranthene

Concen: 42.289 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

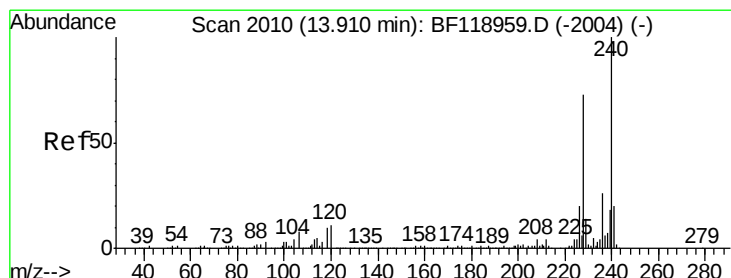
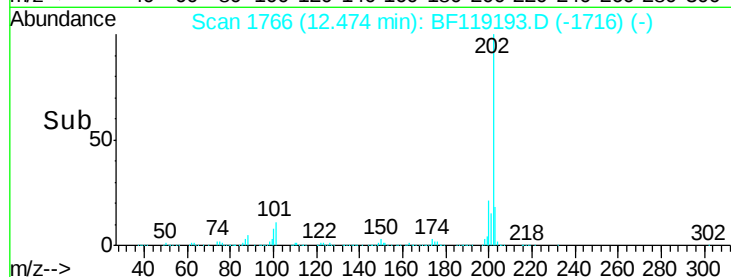
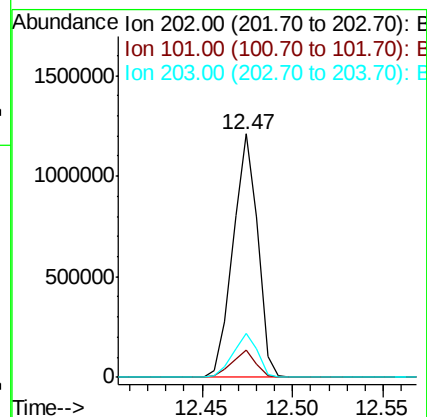
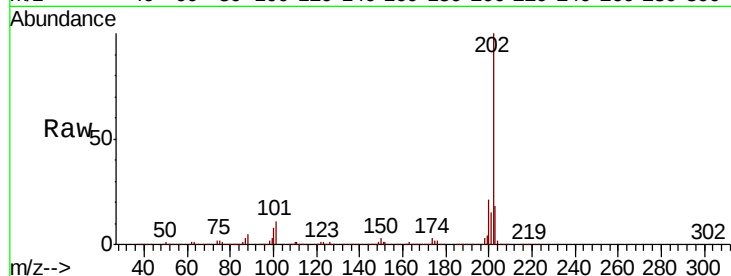
ClientSampleId :

TR-05-030220MSD

Tot Ion:	202	Resp:	1150651
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	30.3
203	18.1	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

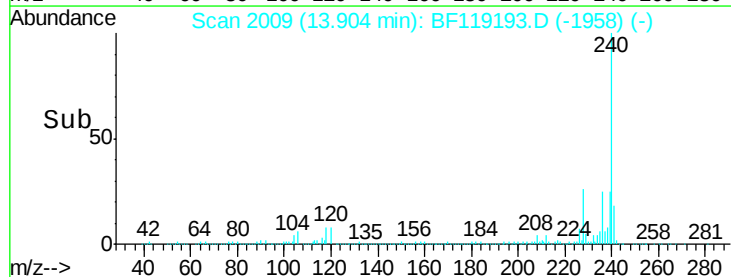
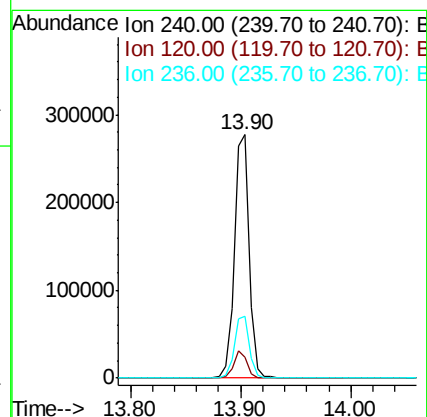
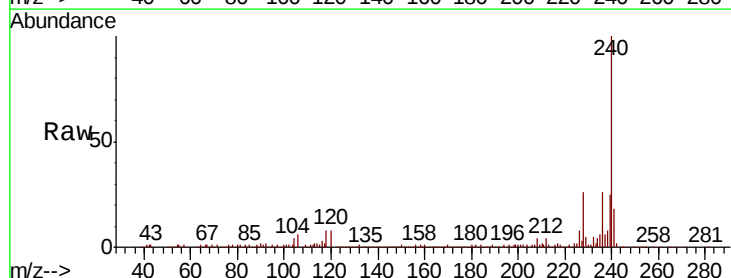
RT: 13.90 min Scan# 2009

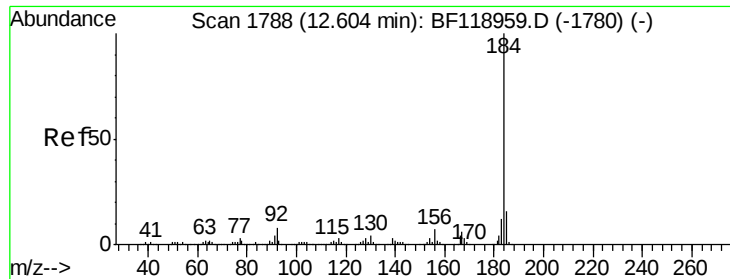
Delta R.T. -0.00 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Tgt Ion:	240	Resp:	260232
Ion Ratio	Lower	Upper	
240	100		
120	8.3	8.4	12.6#
236	25.6	21.0	31.4





#77

Benzidine

Concen: 44.753 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

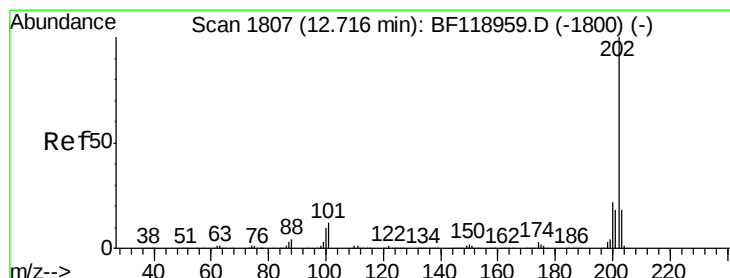
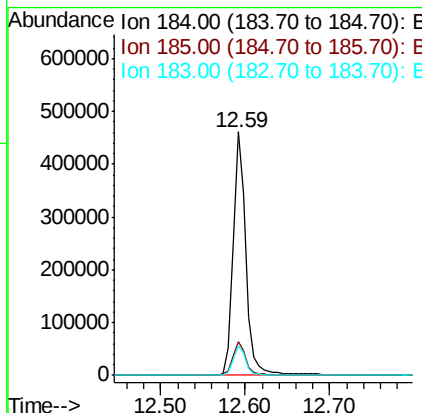
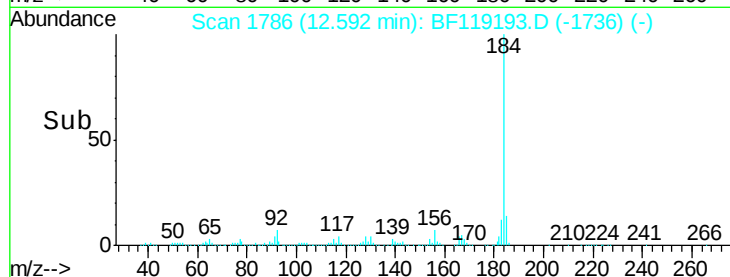
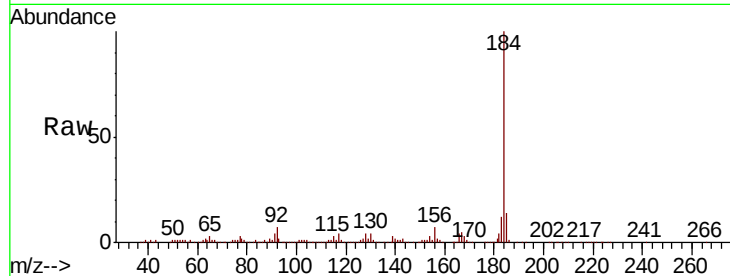
ClientSampleId :

TR-05-030220MSD

Tot Ion:	184	Resp:	473642
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.2	18.4
183	12.1	9.9	14.9

Manual Integrations
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#78

Pyrene

Concen: 52.970 ng

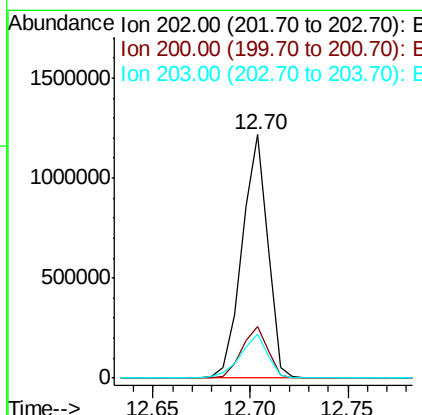
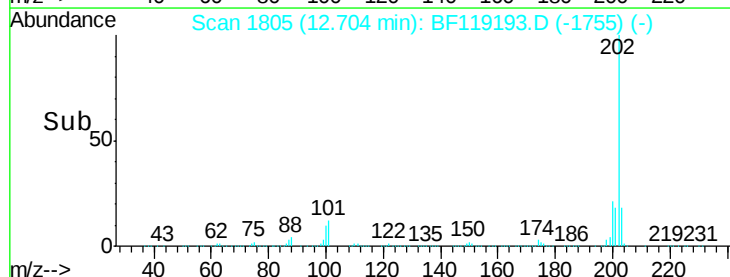
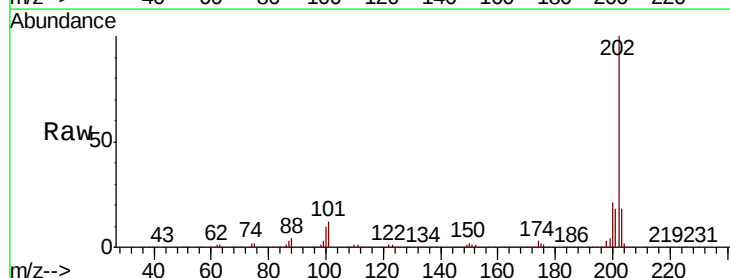
RT: 12.70 min Scan# 1805

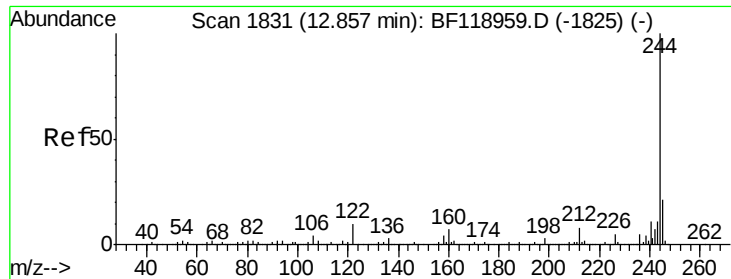
Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Tgt Ion:	202	Resp:	1106888
Ion Ratio	Lower	Upper	
202	100		
200	21.4	18.0	27.0
203	17.9	14.6	22.0





#79

Terphenyl-d14

Concen: 87.760 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

ClientSampleId :

TR-05-030220MSD

Tot Ion:244 Resp: 1326493

Ion Ratio Lower Upper

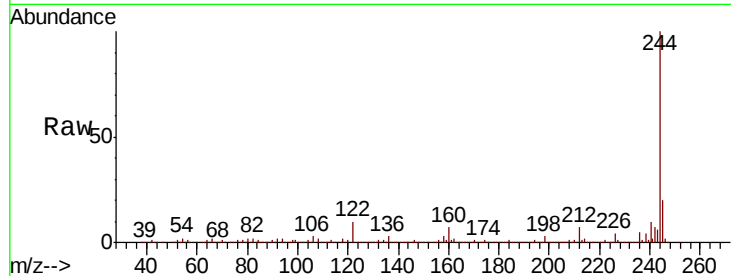
244 100

212 7.5 6.6 10.0

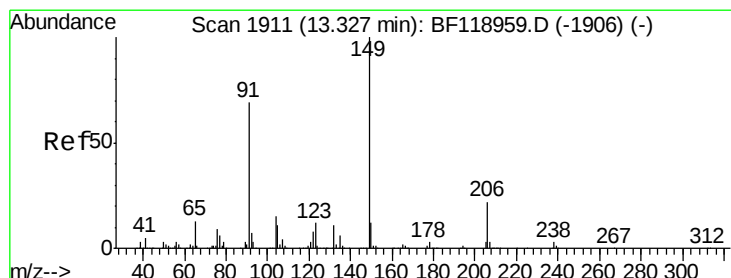
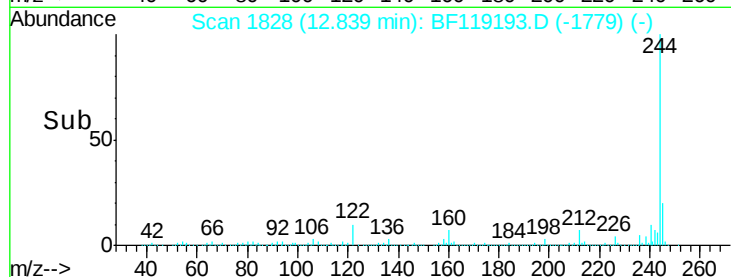
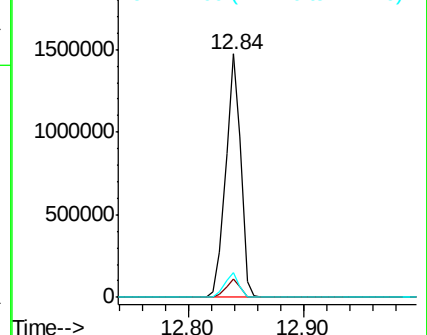
122 10.2 8.2 12.2

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Abundance Ion 244.00 (243.70 to 244.70): E
2000000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.474 ng

RT: 13.31 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

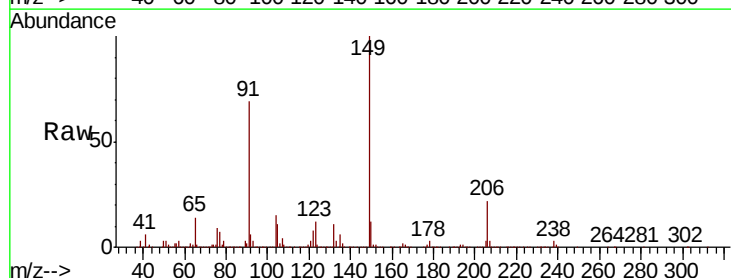
Tgt Ion:149 Resp: 443902

Ion Ratio Lower Upper

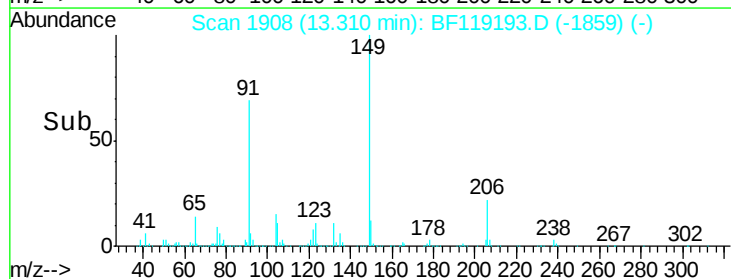
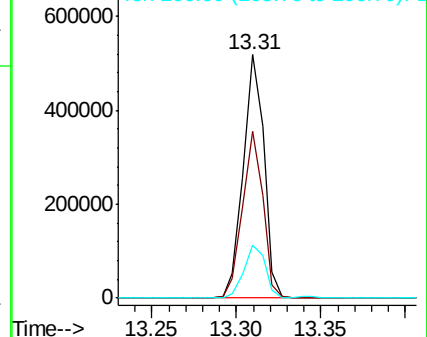
149 100

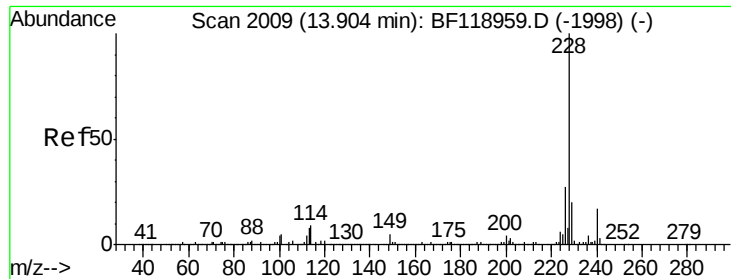
91 68.7 52.3 78.5

206 21.6 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: 48.064 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

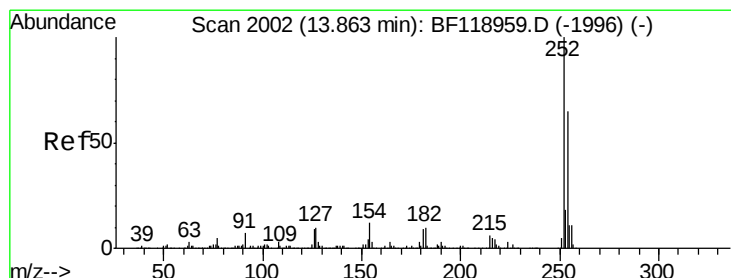
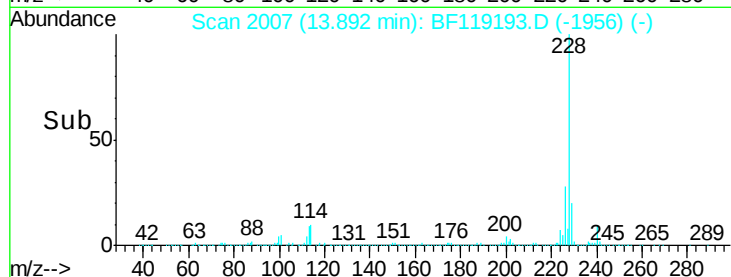
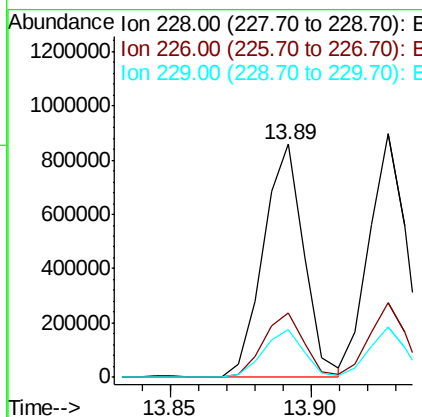
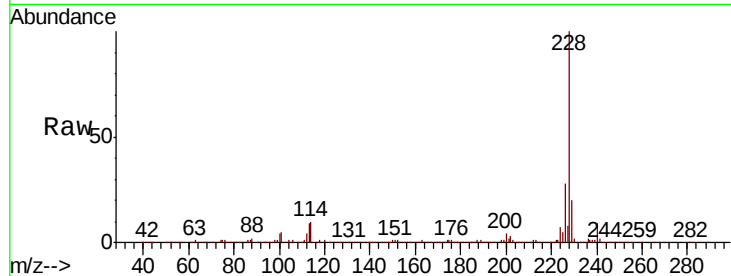
ClientSampleId :

TR-05-030220MSD

Tot Ion:	228	Resp:	852244
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	33.8
229	20.2	16.6	24.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 35.131 ng

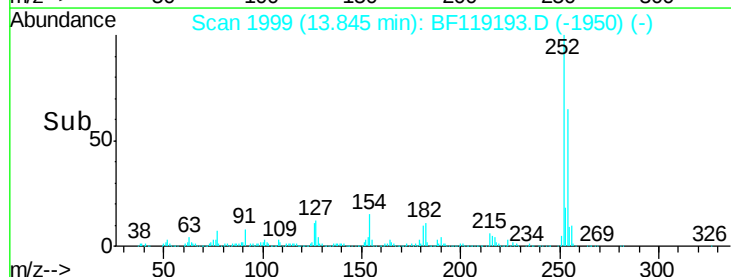
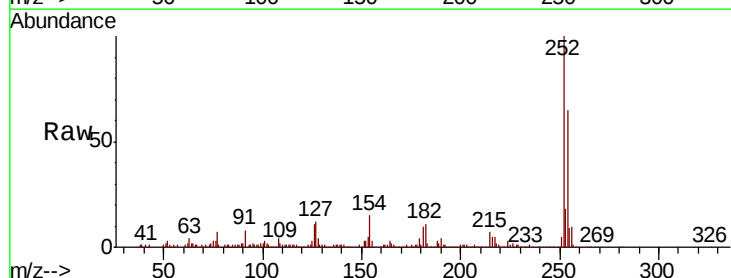
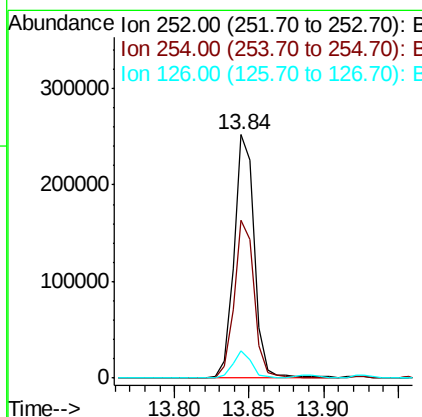
RT: 13.84 min Scan# 1999

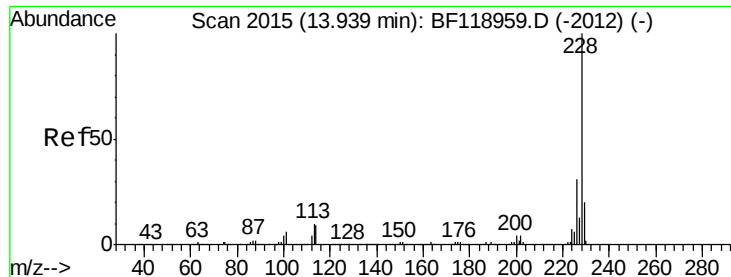
Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Tgt Ion:	252	Resp:	241879
Ion Ratio	Lower	Upper	
252	100		
254	64.7	51.6	77.4
126	11.2	7.4	11.0#





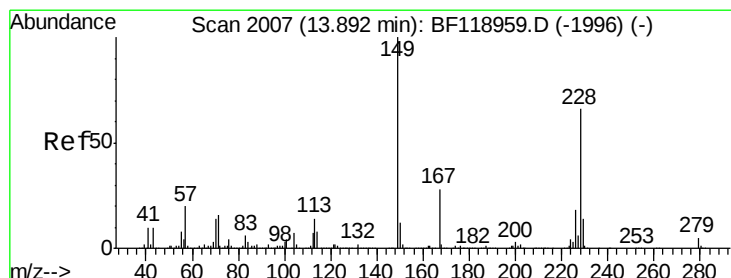
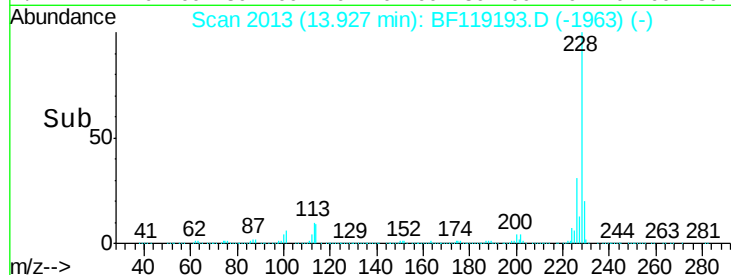
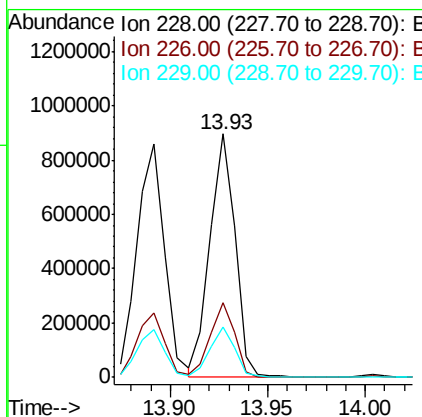
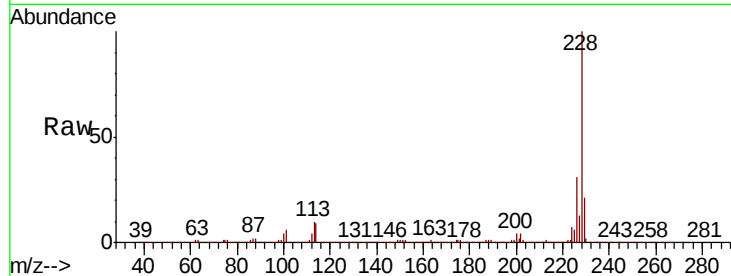
#83
 Chrvsene
 Concen: 45.303 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-030220MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.1	37.7
229	20.6	16.3	24.5

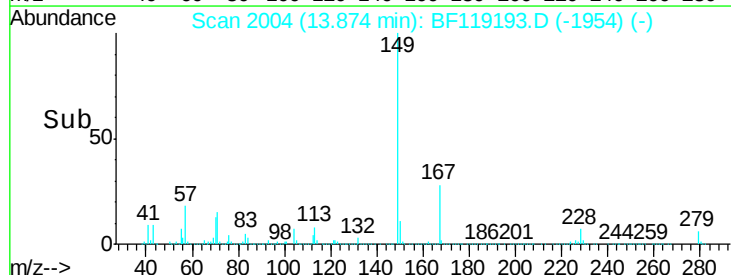
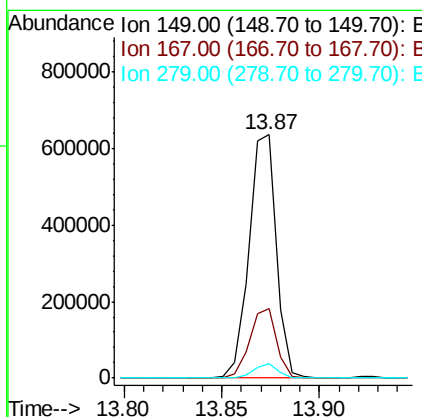
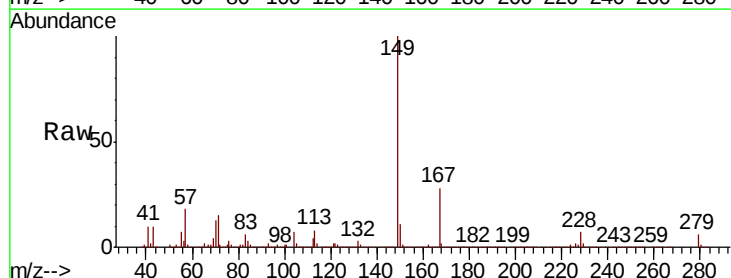
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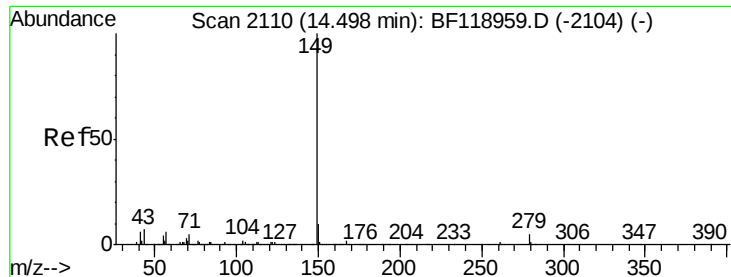
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.420 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.8	34.2
279	5.9	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 53.550 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

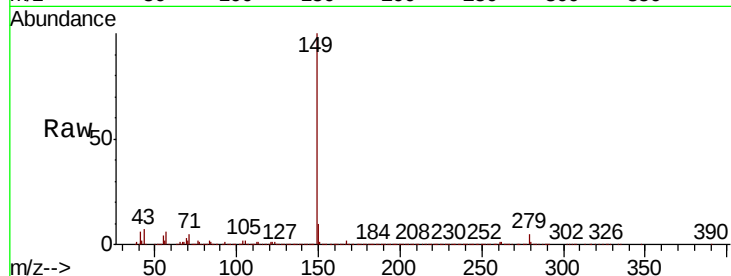
ClientSampleId :

TR-05-030220MSD

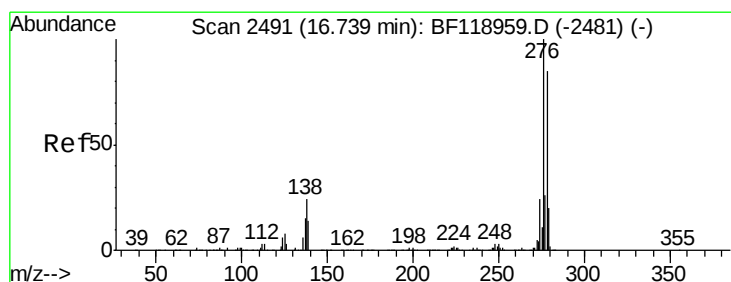
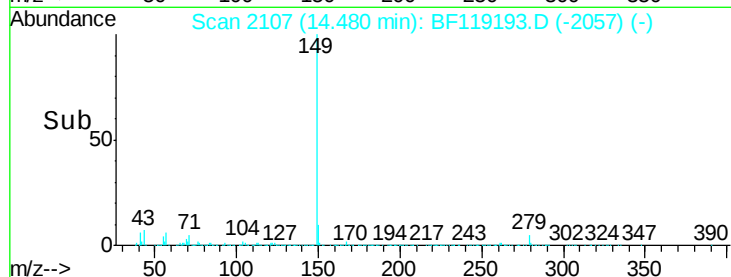
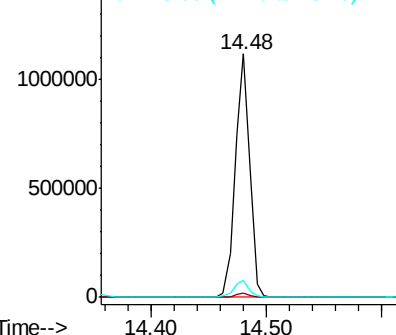
Tot Ion	Ratio	Resp	Lower	Upper
149	100	947990		
167	1.6		1.3	1.9
43	6.9		5.7	8.5

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Abundance Ion 149.00 (148.70 to 149.70): E
1500000 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: 55.296 ng

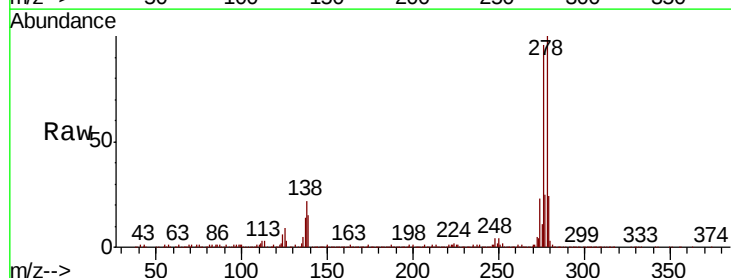
RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

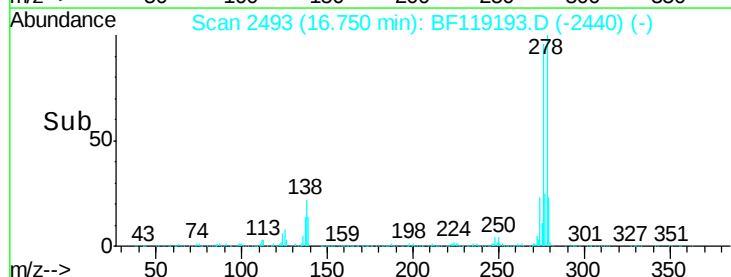
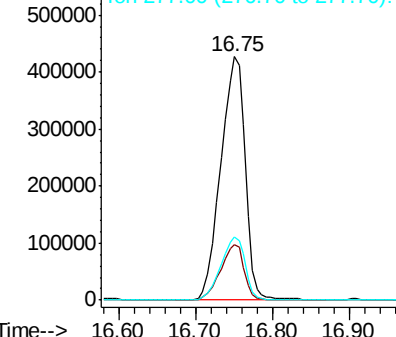
Lab File: BF119193.D

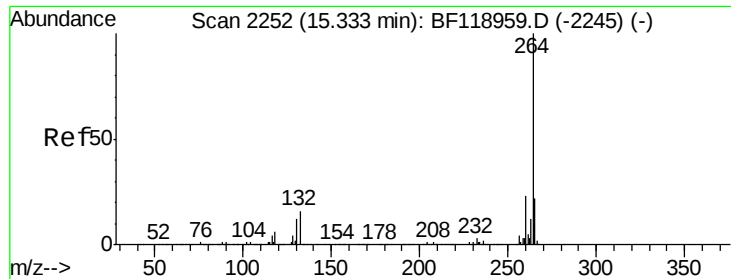
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	945965		
138	21.7		17.4	26.0
277	25.2		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





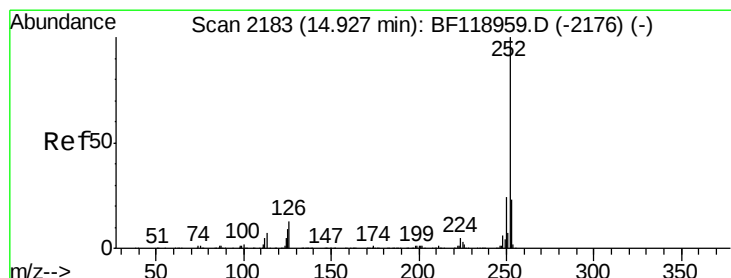
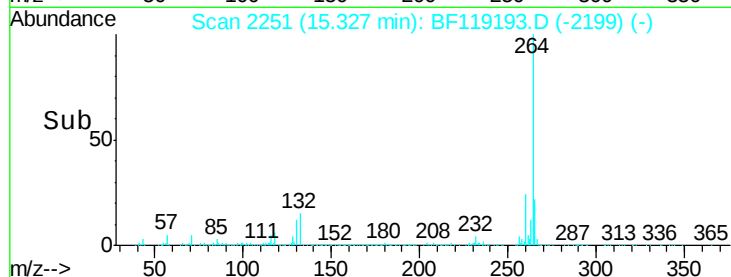
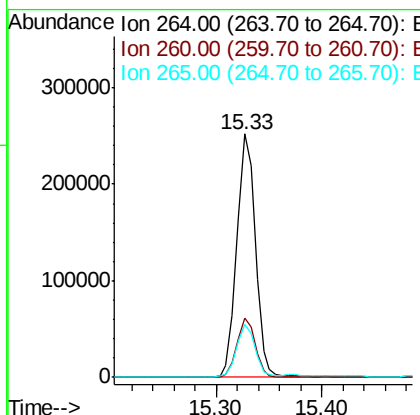
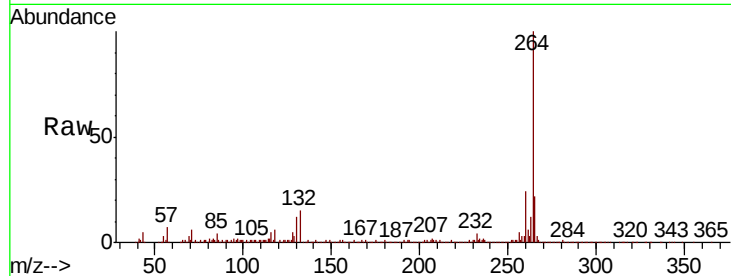
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.9	17.7	26.5

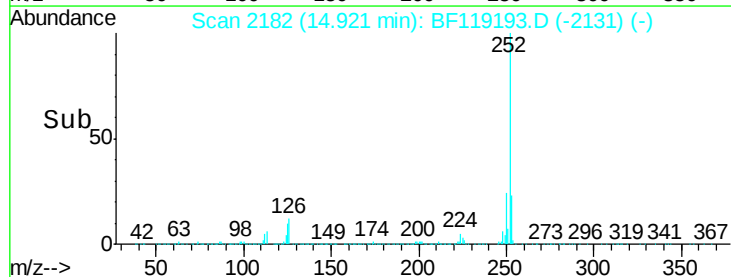
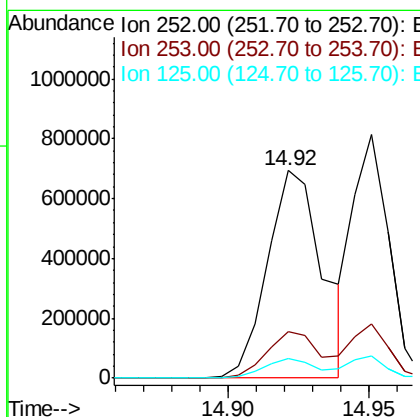
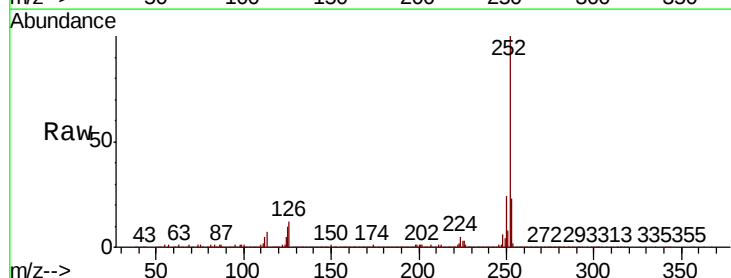
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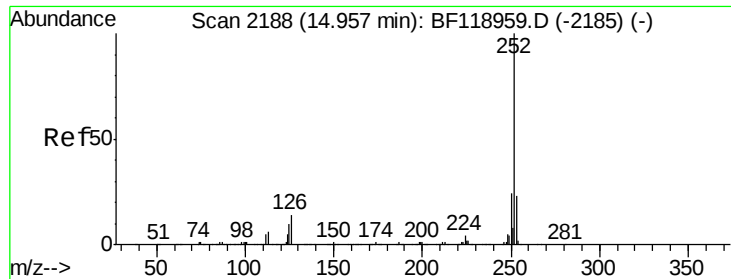
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#88
Benzo(b)fluoranthene
Concen: 46.815 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	9.7	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 38.707 ng

RT: 14.95 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

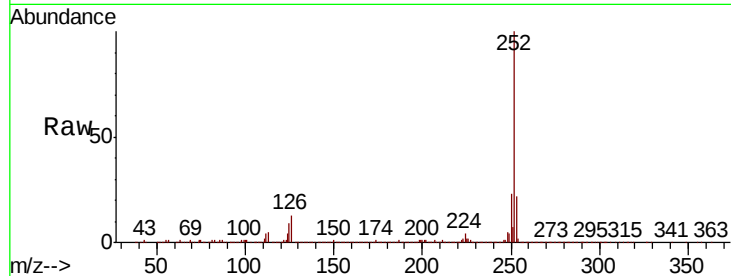
ClientSampleId :

TR-05-030220MSD

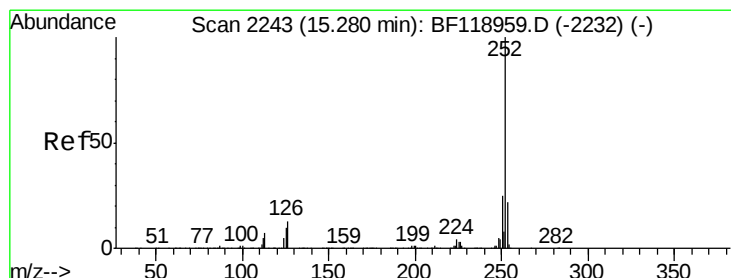
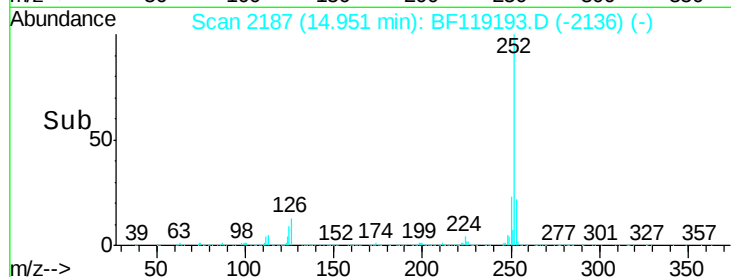
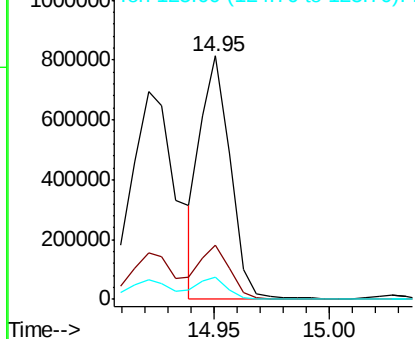
Tot Ion:	252	Resp:	719688
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.8
125	9.1	7.5	11.3

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.727 ng

RT: 15.27 min Scan# 2242

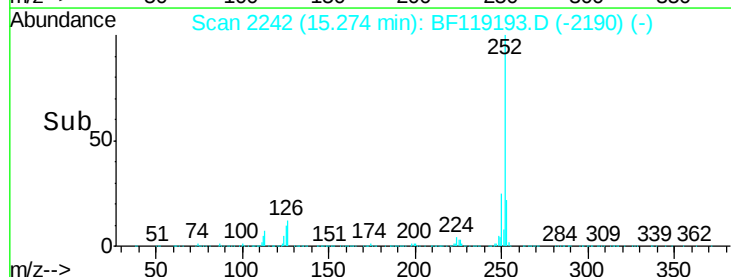
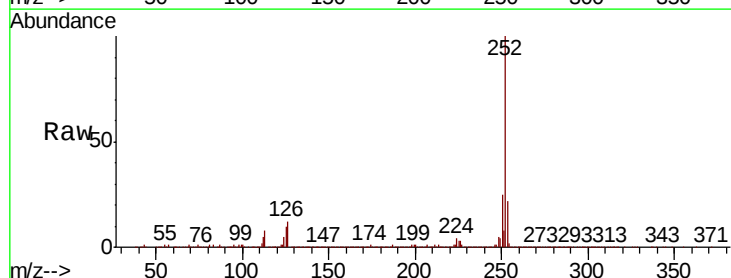
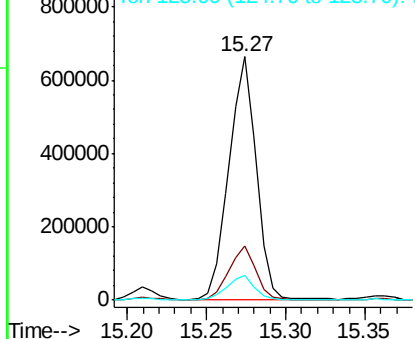
Delta R.T. 0.01 min

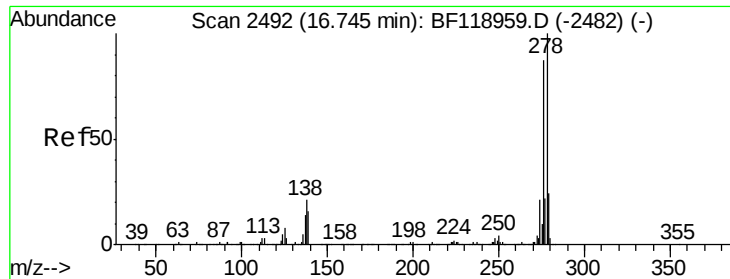
Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Tgt Ion:	252	Resp:	791786
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.0	27.0
125	10.0	8.6	12.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





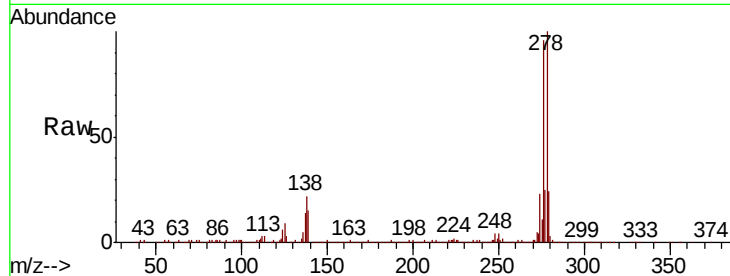
#91
Dibenzo(a,h)anthracene
Concen: 49.063 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.0	16.4
279	23.6	18.6	28.0

Manual Integrations
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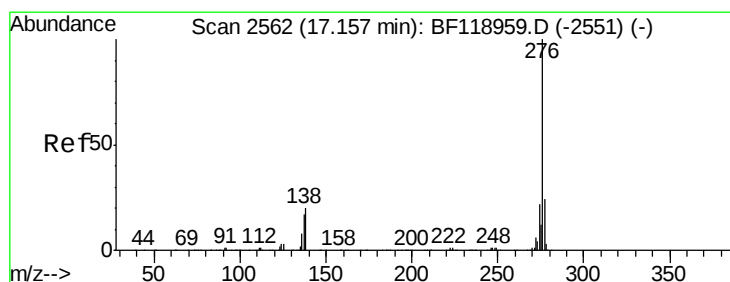
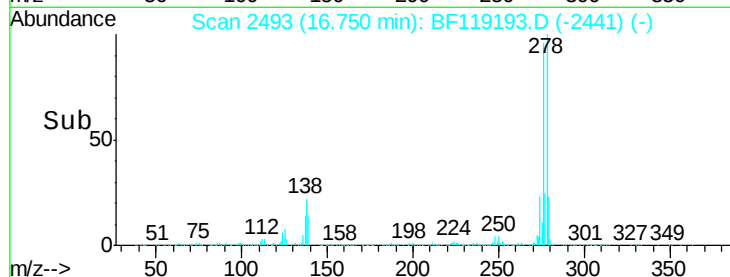
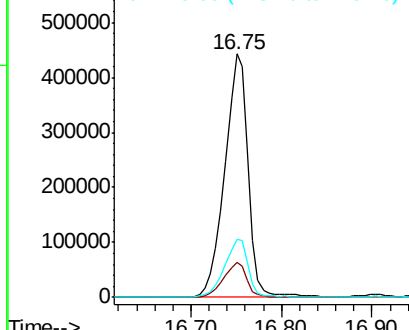


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.661 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.02 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	18.8	14.3	21.5

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

