

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119192.D
 Acq On : 4 Mar 2020 13:56
 Operator : CG/JU
 Sample : L1762-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-030220MS

Manual Integrations
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Quant Time: Mar 04 15:22:19 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	140549	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	534620	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	277665	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	469951	20.00	ng	0.00
76) Chrysene-d12	13.90	240	252992	20.00	ng	0.00
87) Perylene-d12	15.33	264	290783	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	749290	89.09	ng	0.00
7) Phenol-d6	6.39	99	895970	87.60	ng	-0.01
23) Nitrobenzene-d5	7.31	82	601684	59.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	287837	79.24	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1196153	63.46	ng	-0.01
79) Terphenyl-d14	12.84	244	1141885	77.71	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.49	88	134434	35.902	ng	97
3) Pyridine	3.23	79	329451	32.216	ng	98
4) n-Nitrosodimethylamine	3.18	42	140230	45.267	ng	94
6) Aniline	6.40	93	339064	26.865	ng	97
8) 2-Chlorophenol	6.53	128	429416	47.312	ng	99
9) Benzaldehyde	6.29	77	330636	48.383	ng	97
10) Phenol	6.41	94	499212	45.142	ng	88
11) bis(2-Chloroethyl)ether	6.47	93	380312	44.946	ng	97
12) 1,3-Dichlorobenzene	6.68	146	466286	42.864	ng	97
13) 1,4-Dichlorobenzene	6.76	146	470327	43.205	ng	99
14) 1,2-Dichlorobenzene	6.91	146	437538	44.071	ng	98
15) Benzyl Alcohol	6.89	79	356522	48.228	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	309903	42.280	ng	# 35
17) 2-Methylphenol	7.01	107	334520	45.460	ng	97
18) Hexachloroethane	7.25	117	169263	43.461	ng	96
19) n-Nitroso-di-n-propylamine	7.16	70	283466	47.561	ng	96
20) 3+4-Methylphenols	7.17	107	434471	48.193	ng	# 88
22) Acetophenone	7.15	105	567640	45.890	ng	# 96
24) Nitrobenzene	7.33	77	433324	43.276	ng	100
25) Isophorone	7.57	82	786115	44.704	ng	100
26) 2-Nitrophenol	7.65	139	236377	44.554	ng	97
27) 2,4-Dimethylphenol	7.69	122	360124	50.015	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	475495	41.543	ng	100
29) 2,4-Dichlorophenol	7.89	162	365938	43.171	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	410082	40.804	ng	98
31) Naphthalene	8.05	128	1197678	43.196	ng	99
32) Benzoic acid	7.85	122	188978	37.644	ng	99
33) 4-Chloroaniline	8.10	127	147667	12.383	ng	98
34) Hexachlorobutadiene	8.16	225	252120	40.274	ng	98
35) Caprolactam	8.48	113	106602m	40.843	ng	
36) 4-Chloro-3-methylphenol	8.60	107	376323	43.868	ng	98
37) 2-Methylnaphthalene	8.74	142	819748	43.933	ng	99
38) 1-Methylnaphthalene	8.83	142	759951	43.307	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	406411	43.412	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	180115	56.044	nq	98
43) 2,4,6-Trichlorophenol	9.02	196	251741	42.582	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	264751	42.677	nq	98
46) 1,1'-Biphenyl	9.20	154	978910	43.621	nq	98
47) 2-Chloronaphthalene	9.23	162	772376	42.710	nq	97
48) 2-Nitroaniline	9.33	65	216903	43.002	nq	98
49) Acenaphthylene	9.64	152	1168812	44.750	nq	99
50) Dimethylphthalate	9.50	163	1105194	52.052	nq	100
51) 2,6-Dinitrotoluene	9.57	165	209667	44.447	nq #	84
52) Acenaphthene	9.81	154	691197	43.888	nq	100
53) 3-Nitroaniline	9.74	138	113653	21.733	nq	99
54) 2,4-Dinitrophenol	9.86	184	152103	67.619	nq	92
55) Dibenzofuran	9.99	168	1018063	43.309	nq	97
56) 4-Nitrophenol	9.93	139	188454	59.978	nq	92
57) 2,4-Dinitrotoluene	9.98	165	254879	41.685	nq	94
58) Fluorene	10.33	166	808055	44.237	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.11	232	221046	42.228	nq	97
60) Diethylphthalate	10.20	149	905045	45.232	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	426727	44.135	nq	96
62) 4-Nitroaniline	10.36	138	180850	33.801	nq	96
63) Azobenzene	10.47	77	783041	45.023	nq	95
65) 4,6-Dinitro-2-methylphenol	10.40	198	130026	45.724	nq	93
66) n-Nitrosodiphenylamine	10.44	169	740983	48.154	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	276604	45.029	nq	95
68) Hexachlorobenzene	10.88	284	303103	42.797	nq	98
69) Atrazine	10.97	200	240541	44.740	nq	97
70) Pentachlorophenol	11.08	266	214941	75.340	nq	99
71) Phenanthrene	11.29	178	1183703	46.186	nq	99
72) Anthracene	11.34	178	1180045	46.082	nq	98
73) Carbazole	11.49	167	970988	42.563	nq	99
74) Di-n-butylphthalate	11.82	149	1308832	47.375	nq	98
75) Fluoranthene	12.47	202	1152222	42.354	nq	99
77) Benzidine	12.59	184	456019	44.321	nq	99
78) Pyrene	12.70	202	1106181	54.452	nq	98
80) Butylbenzylphthalate	13.31	149	447508	52.340	nq	95
81) Benzo(a)anthracene	13.89	228	826829	47.965	nq	98
82) 3,3'-Dichlorobenzidine	13.84	252	231069	34.521	nq	99
83) Chrysene	13.93	228	782541	45.560	nq	98
84) Bis(2-ethylhexyl)phthalate	13.87	149	606921	56.188	nq #	98
85) Di-n-octyl phthalate	14.48	149	920276	53.472	nq	99
86) Dibenzo(1,2,3-cd)pyrene	16.76	276	987252	59.361	nq	99
88) Benzo(b)fluoranthene	14.92	252	911810	47.572	nq	99
89) Benzo(k)fluoranthene	14.95	252	697482	39.268	nq	99
90) Benzo(a)pyrene	15.27	252	767802	44.385	nq	99
91) Dibenzo(a,h)anthracene	16.76	278	815303	53.565	nq	99
92) Benzo(g,h,i)perylene	17.17	276	822629	54.700	nq	99

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



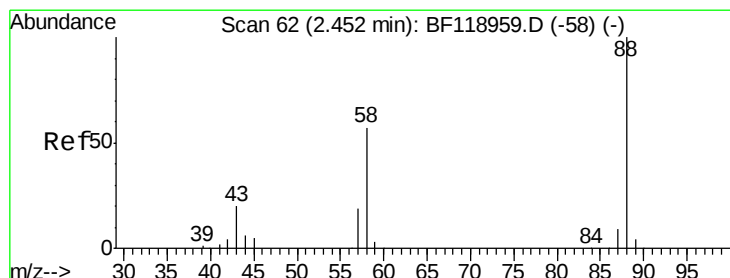
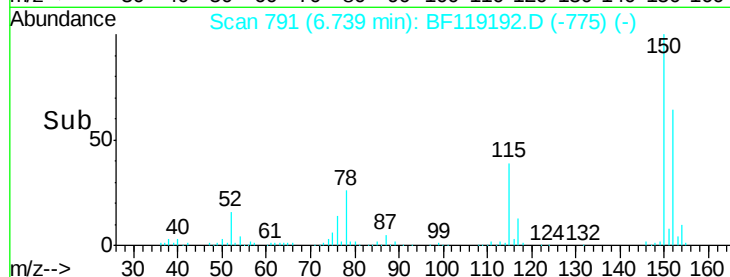
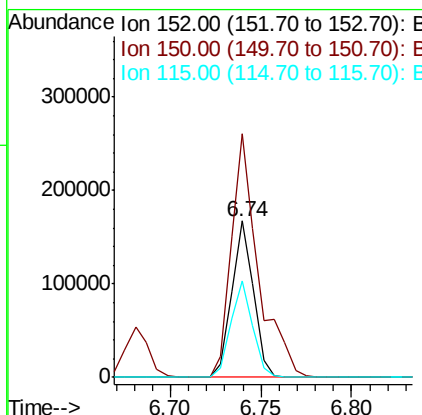
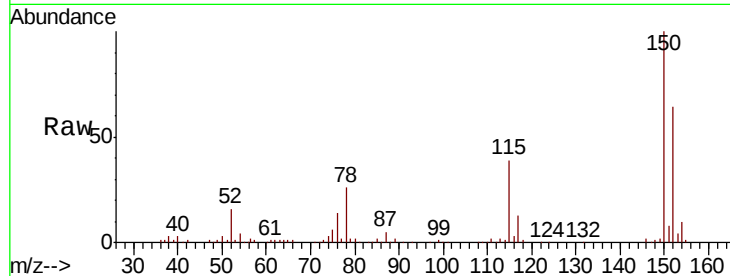
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Instrument :
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 TR-05-030220MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.0	184.6
115	61.3	49.5	74.3

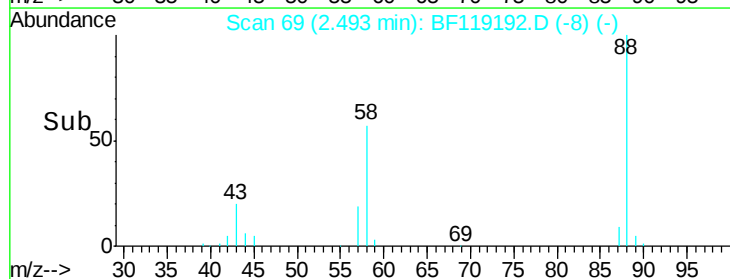
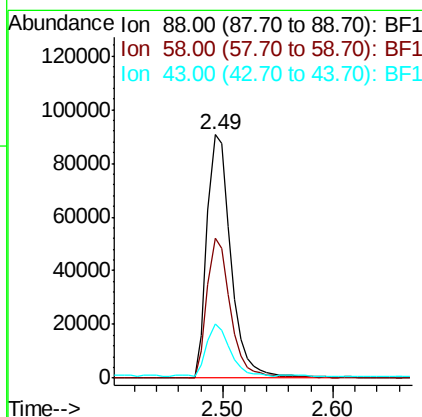
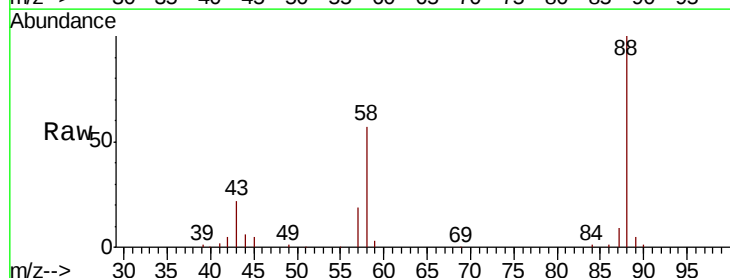
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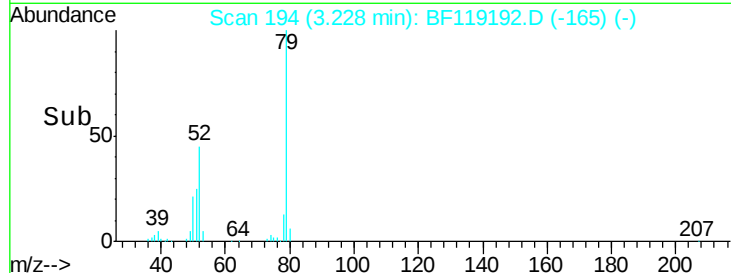
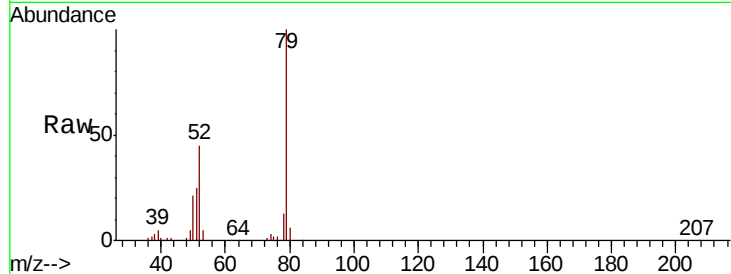
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#2
 1,4-Dioxane
 Concen: 35.902 ng
 RT: 2.49 min Scan# 69
 Delta R.T. 0.06 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.8	43.8	65.6
43	21.3	16.2	24.4





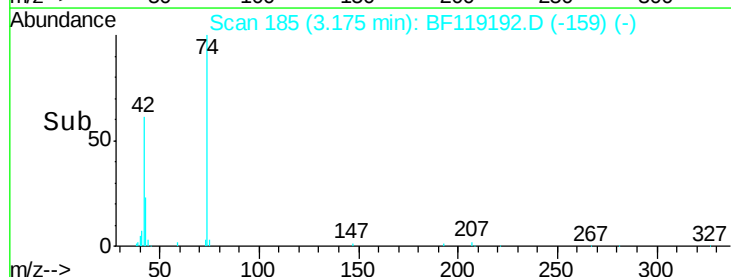
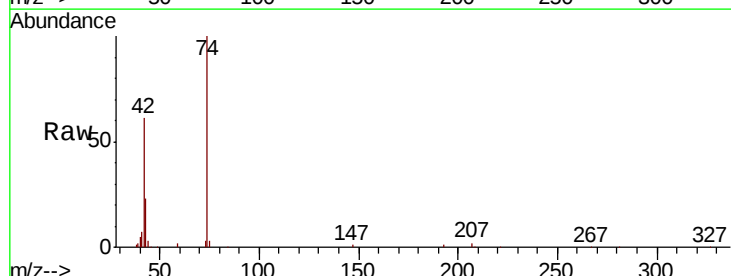
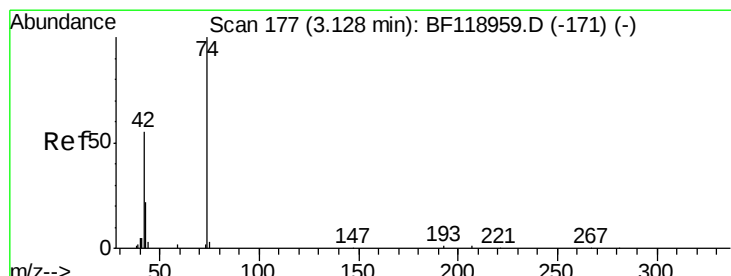
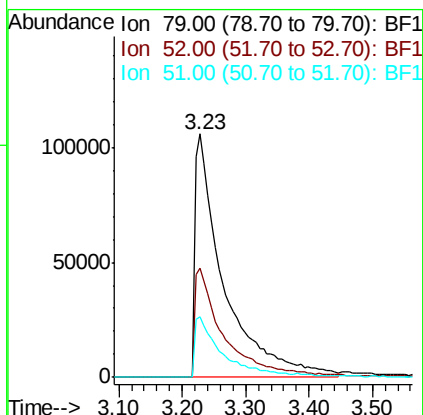
#3
 Pvridine
 Concen: 32.216 ng
 RT: 3.23 min Scan# 194
 Delta R.T. 0.07 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Tot Ion:	79	Resp:	329451
Ion Ratio	Lower	Upper	
79	100		
52	45.0	37.4	56.0
51	24.7	19.8	29.6

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 ClientSampleId :
 TR-05-030220MS

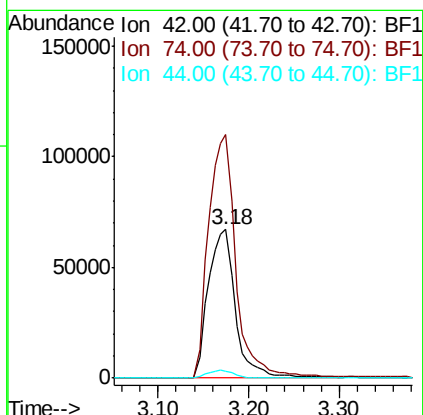
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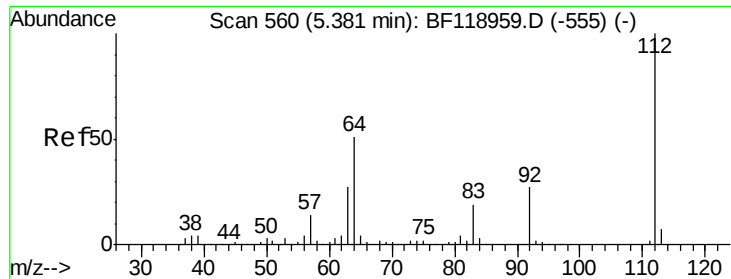
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#4
 n-Nitrosodimethylamine
 Concen: 45.267 ng
 RT: 3.18 min Scan# 185
 Delta R.T. 0.05 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Tgt Ion:	42	Resp:	140230
Ion Ratio	Lower	Upper	
42	100		
74	163.9	137.7	206.5
44	4.6	4.5	6.7





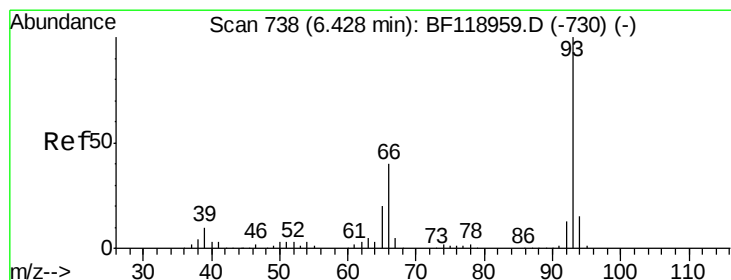
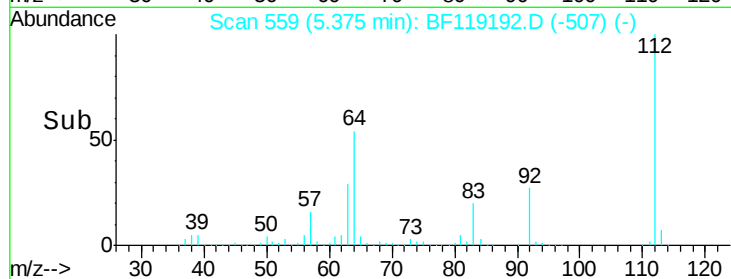
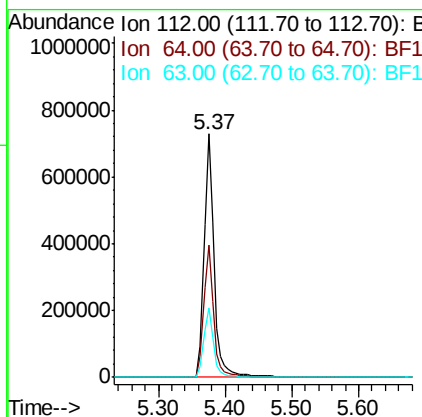
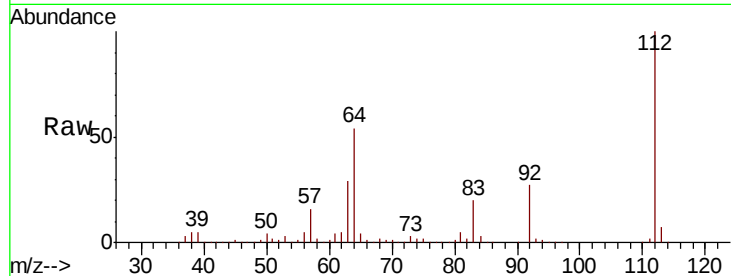
#5
2-Fluorophenol
Concen: 89.093 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MS

Tot Ion:	112	Resp:	749290
Ion Ratio	Lower	Upper	
112	100		
64	54.3	45.0	67.4
63	28.6	24.2	36.4

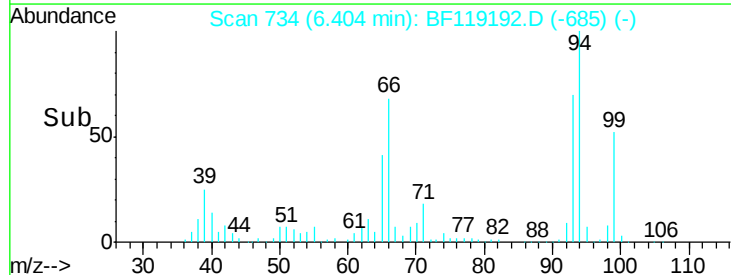
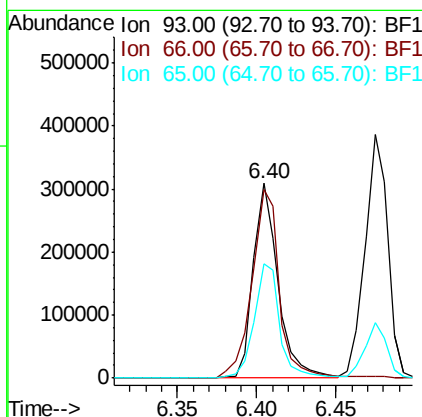
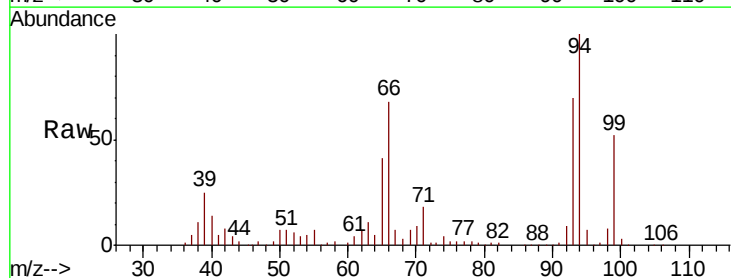
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#6
Aniline
Concen: 26.865 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion:	93	Resp:	339064
Ion Ratio	Lower	Upper	
93	100		
66	97.0	74.5	111.7
65	58.5	45.3	67.9





#7

Phenol-d6

Concen: 87.597 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

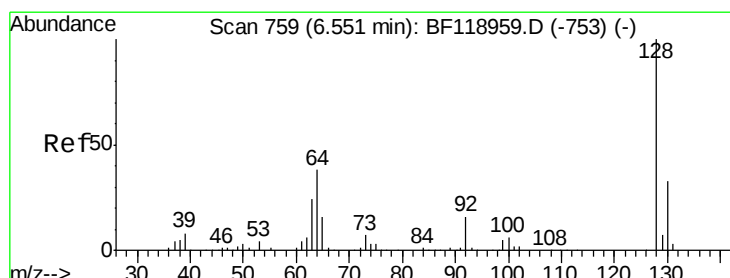
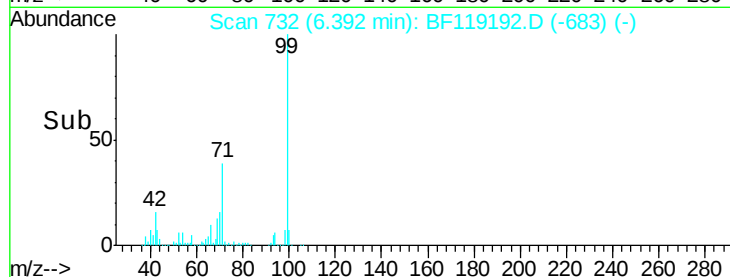
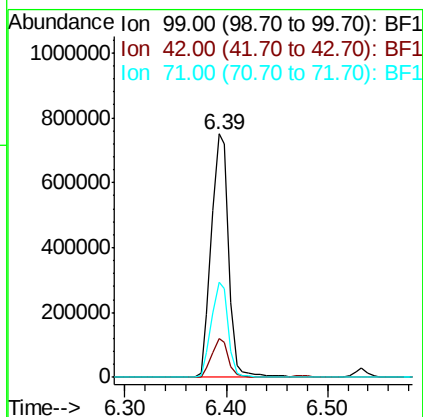
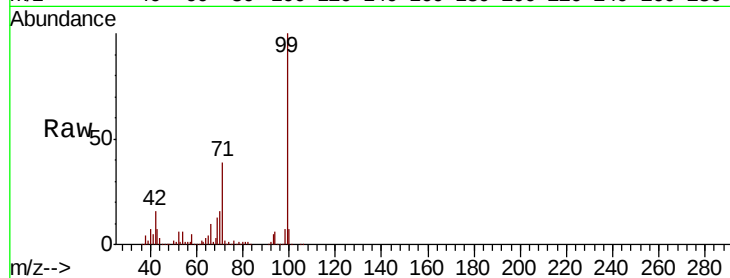
ClientSampleId :

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Tot Ion:	99	Resp:	895970
Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.6	18.8
71	39.2	31.0	46.4

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#8

2-Chlorophenol

Concen: 47.312 ng

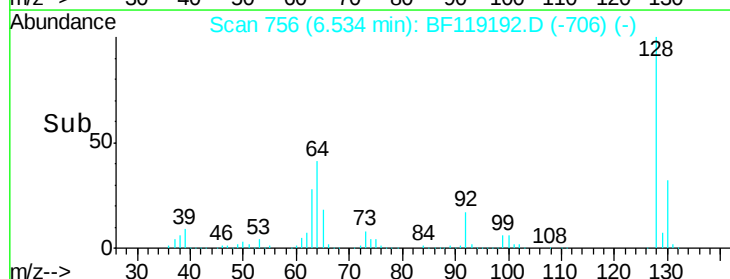
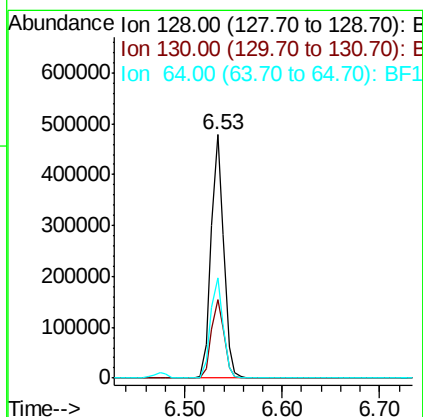
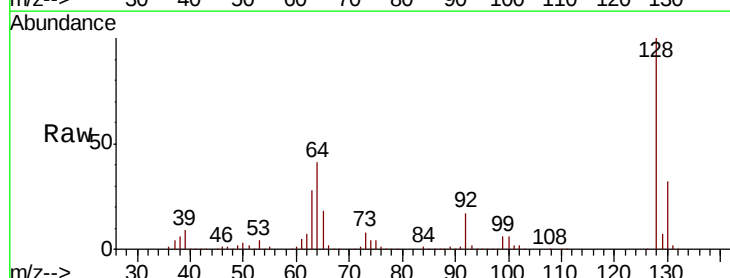
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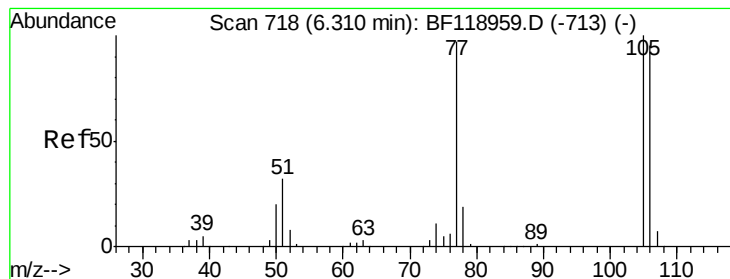
Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Tgt Ion:	128	Resp:	429416
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.7	52.7
64	41.4	22.3	62.3





#9

Benzaldehyde

Concen: 48.383 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

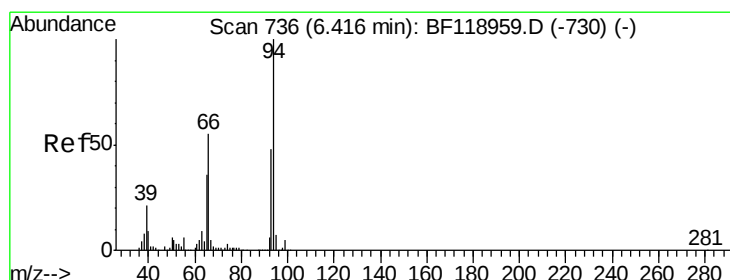
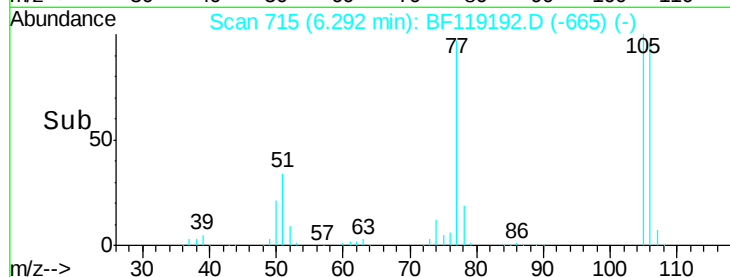
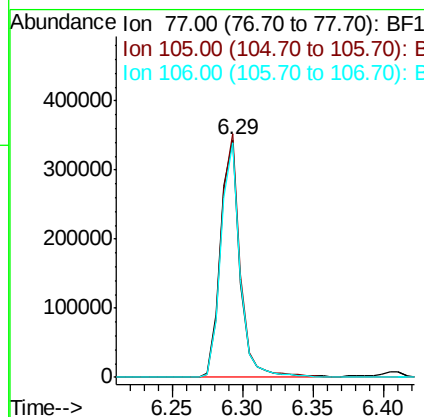
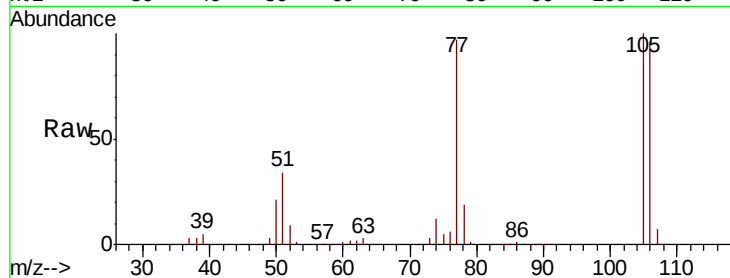
ClientSampleId :

TR-05-030220MS

Tot Ion:	77	Resp:	330636
Ion	Ratio	Lower	Upper
77	100		
105	102.6	80.1	120.1
106	98.8	75.9	115.9

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#10

Phenol

Concen: 45.142 ng

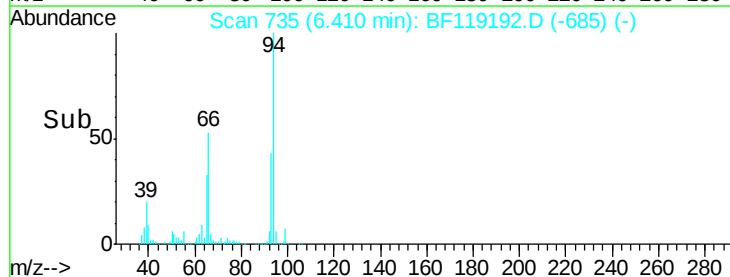
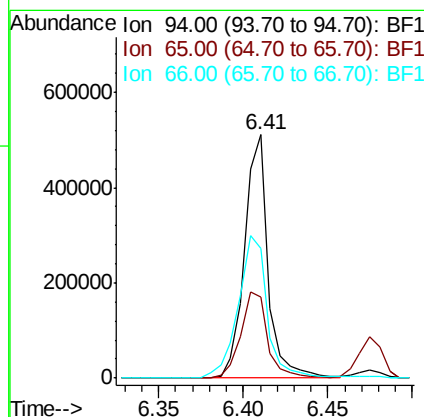
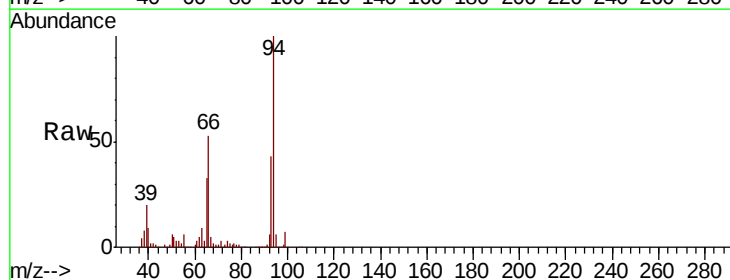
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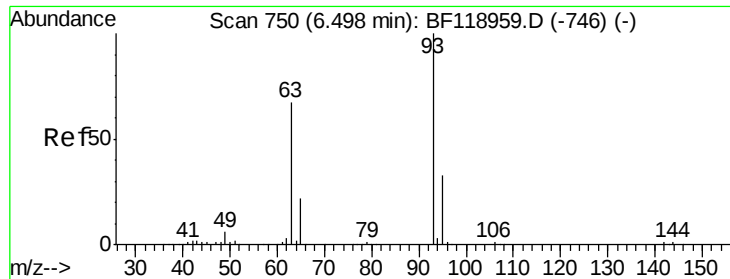
Delta R.T. -0.01 min

Lab File: BF119192.D

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Tgt Ion:	94	Resp:	499212
Ion	Ratio	Lower	Upper
94	100		
65	33.4	19.2	59.2
66	53.2	44.4	84.4





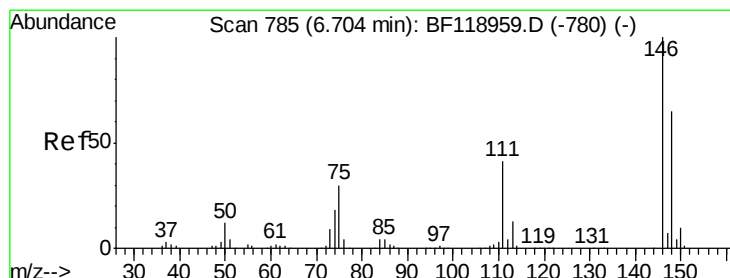
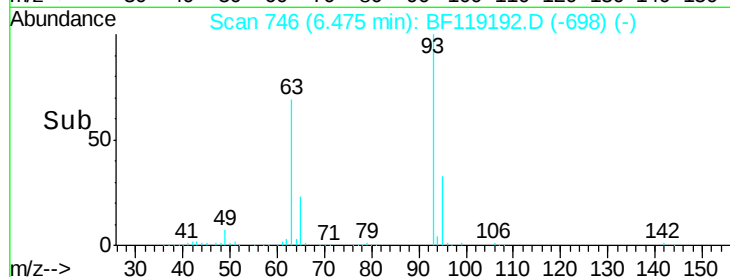
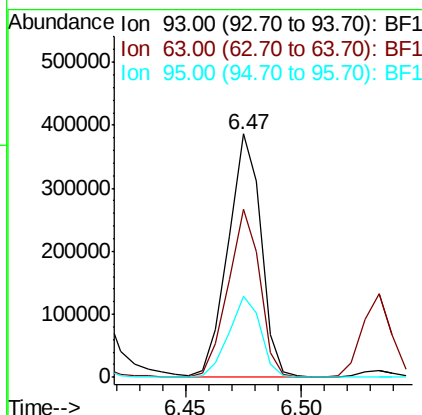
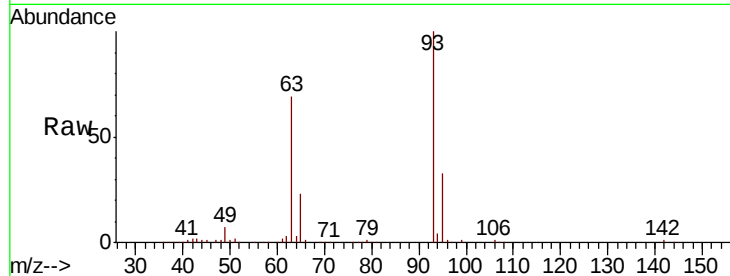
#11
bis(2-Chloroethyl)ether
Concen: 44.946 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MS

Tot Ion:	93	Resp:	380312
Ion Ratio	Lower	Upper	
93	100		
63	68.8	45.4	85.4
95	33.0	13.5	53.5

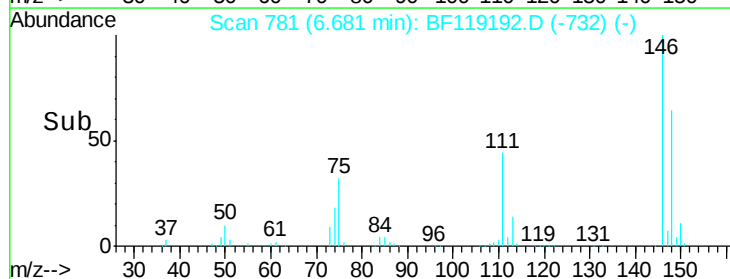
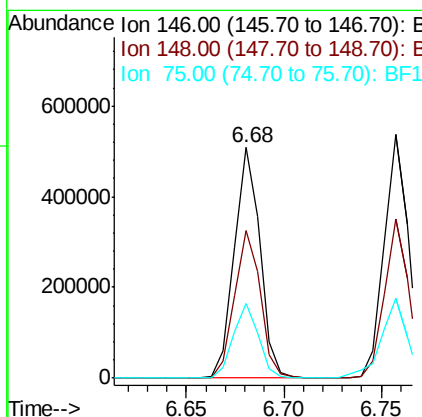
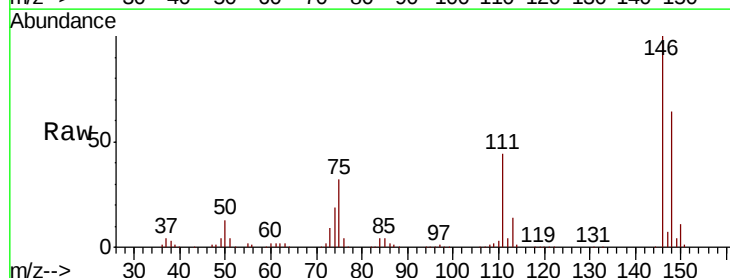
Manual Integrations
APPROVED

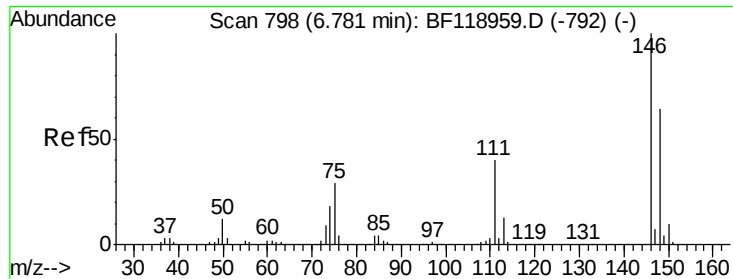
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.864 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion:	146	Resp:	466286
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.5	78.7
75	32.5	23.6	35.4





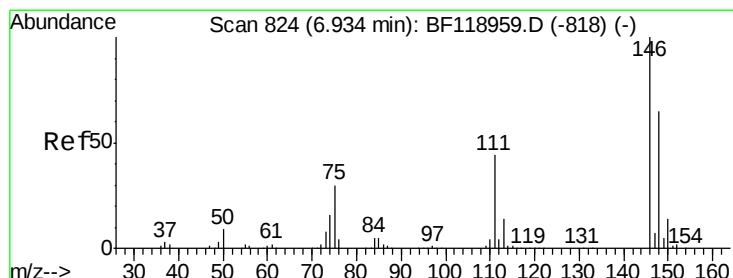
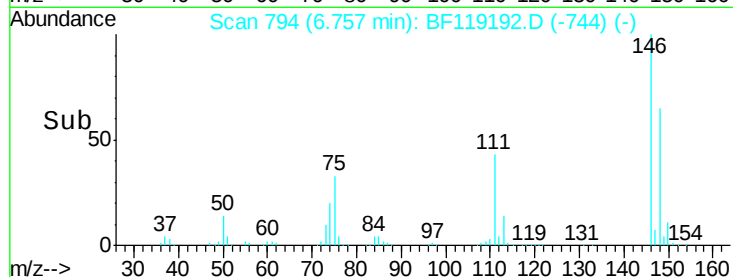
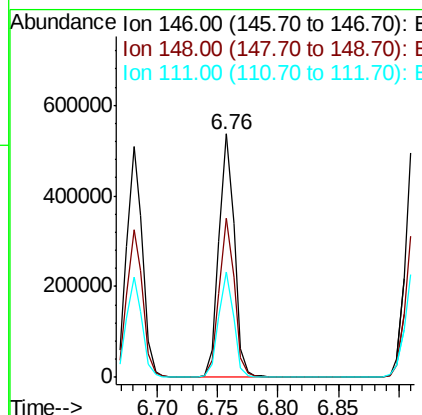
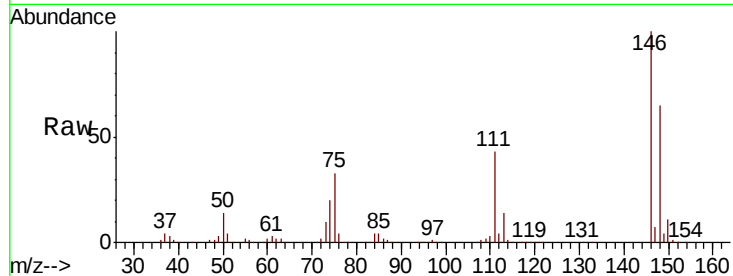
#13
1,4-Dichlorobenzene
Concen: 43.205 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.1	76.7
111	43.3	34.8	52.2

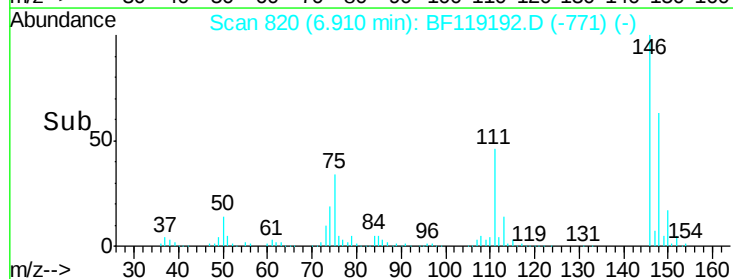
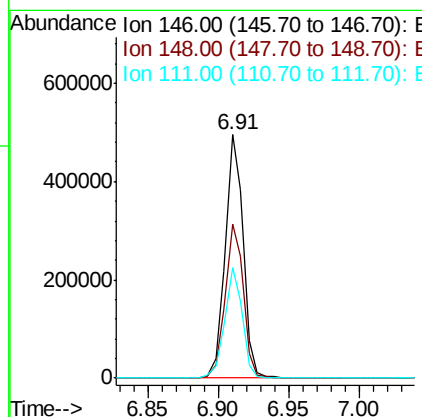
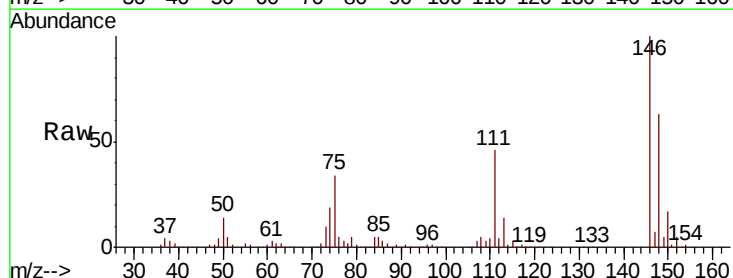
Manual Integrations
APPROVED

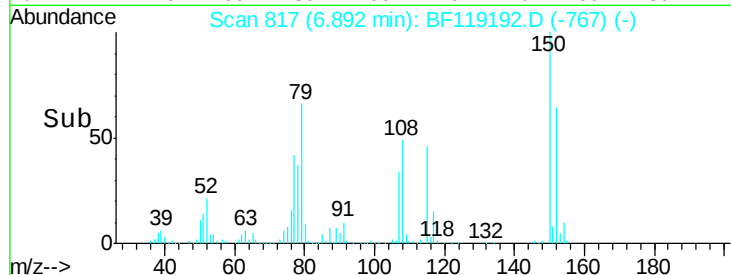
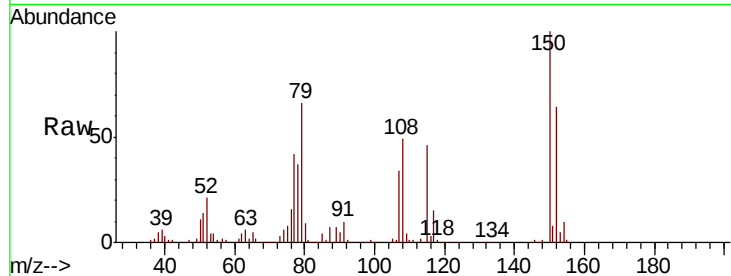
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#14
1,2-Dichlorobenzene
Concen: 44.071 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.9	77.9
111	45.5	36.2	54.2





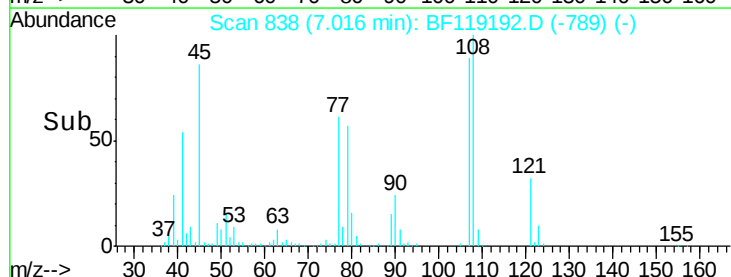
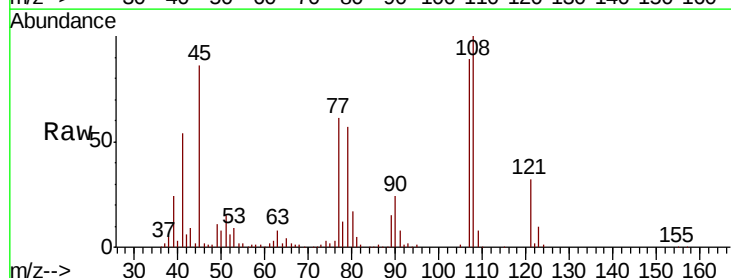
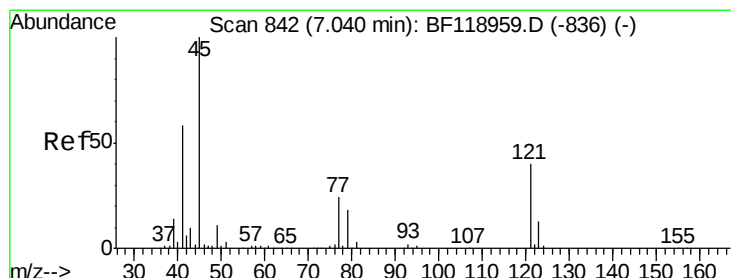
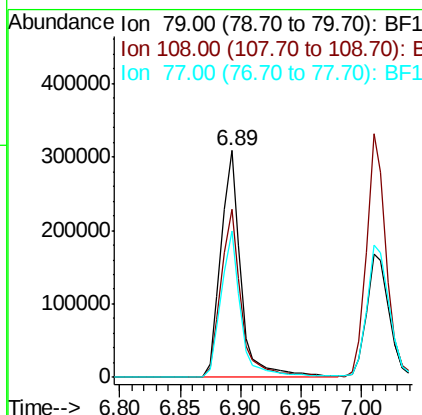
#15
Benzyl Alcohol
Concen: 48.228 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	74.2	58.2	87.2	
77	64.4	51.2	76.8	

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MS

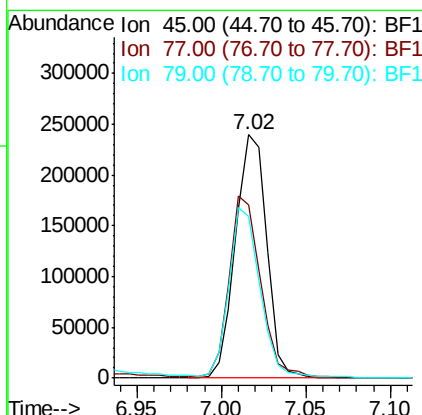
Manual Integrations
APPROVED

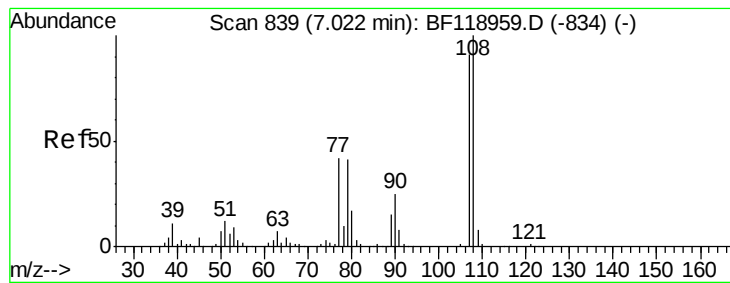
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.280 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	71.0	15.0	55.0#	
79	66.4	9.4	49.4#	





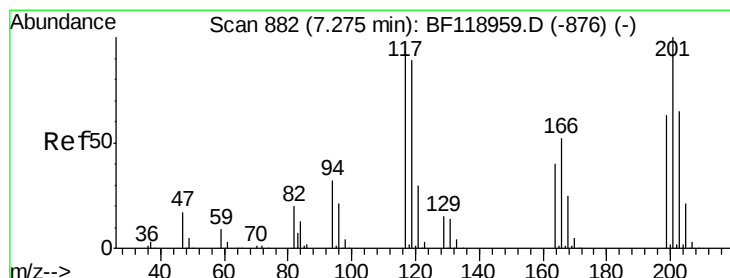
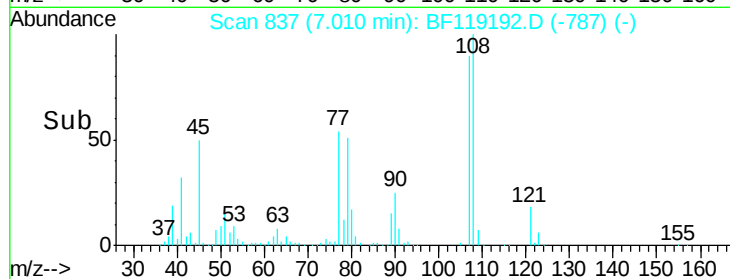
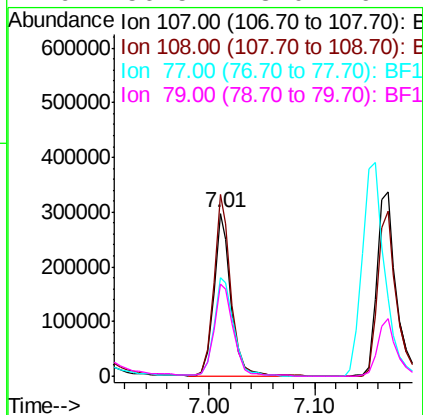
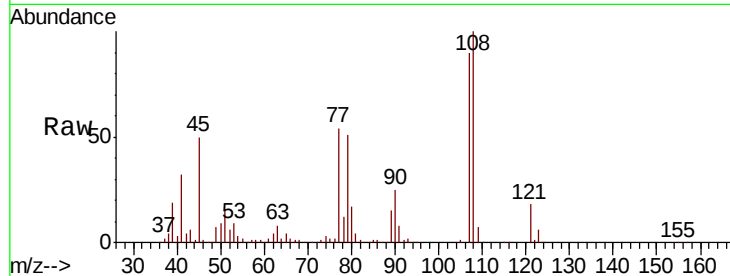
#17
2-Methylphenol
Concen: 45.460 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MS

Tot Ion:	107	Resp:	334520
Ion Ratio	Lower	Upper	
107	100		
108	111.3	87.9	131.9
77	60.2	45.3	67.9
79	56.5	43.0	64.4

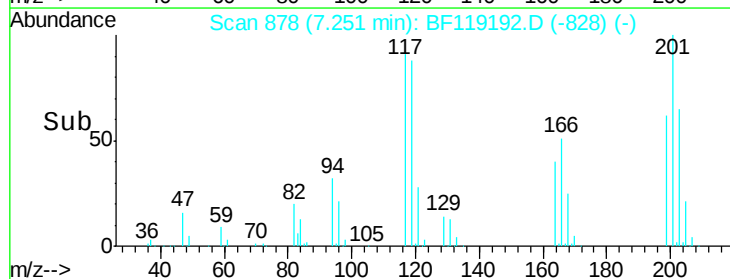
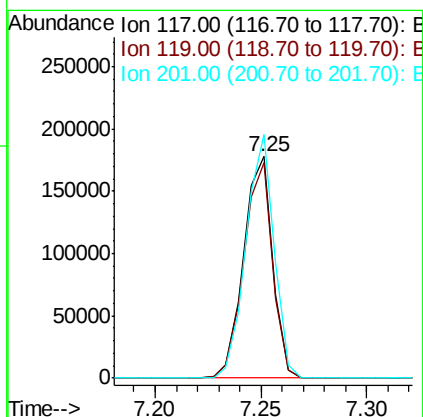
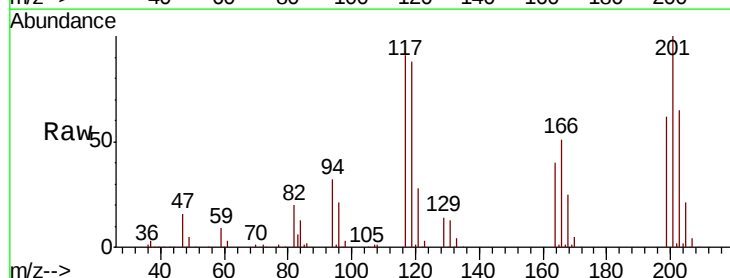
Manual Integrations
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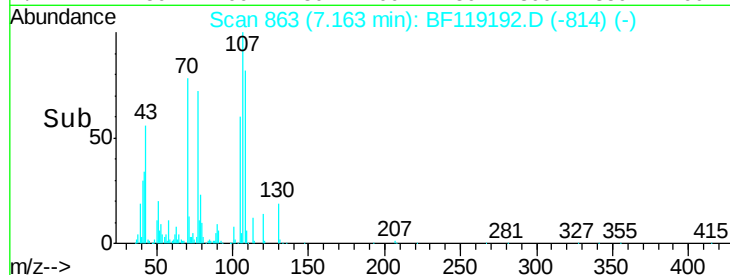
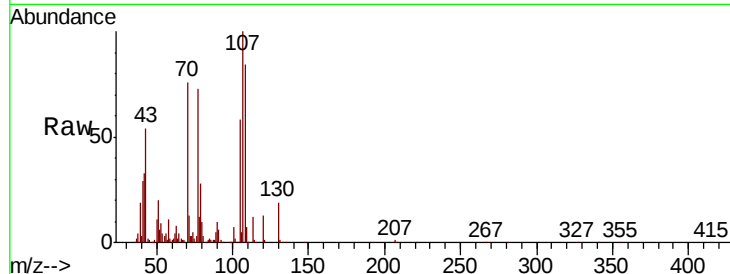
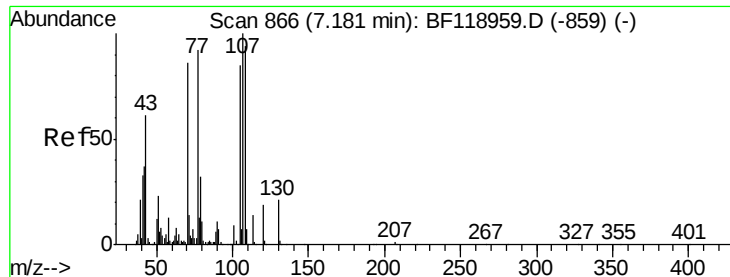
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#18
Hexachloroethane
Concen: 43.461 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion:	117	Resp:	169263
Ion Ratio	Lower	Upper	
117	100		
119	97.3	77.5	116.3
201	110.0	82.6	123.8





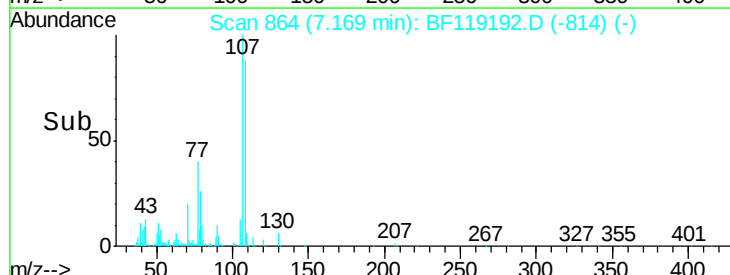
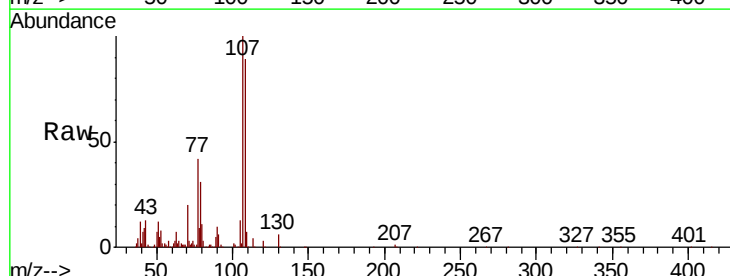
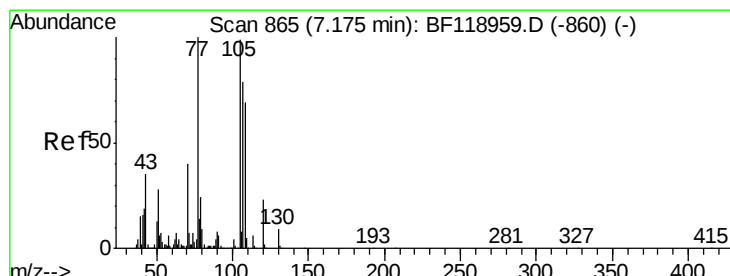
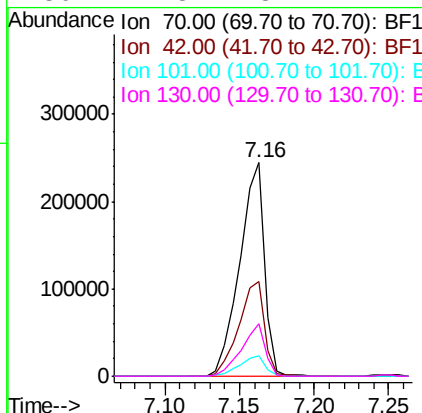
#19
n-Nitroso-di-n-propylamine
Concen: 47.561 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.2	38.0	57.0
101	9.8	8.2	12.4
130	24.8	18.2	27.4

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MS

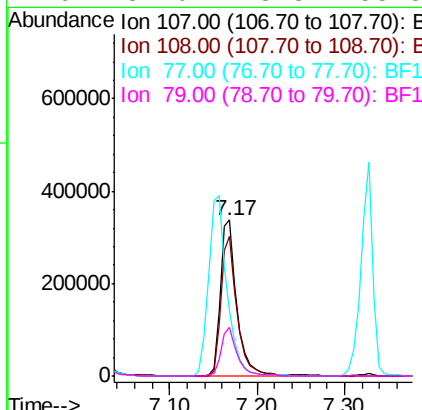
Manual Integrations
APPROVED

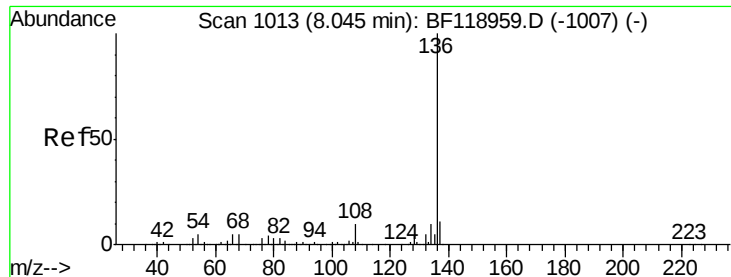
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#20
3+4-Methylphenols
Concen: 48.193 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	71.5	111.5
77	42.2	45.9	85.9#
79	31.0	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: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

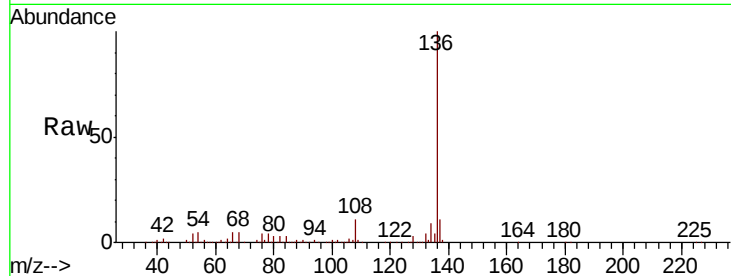
ClientSampleId :

TR-05-030220MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	534620		
137	11.3	8.8	13.2	
54	5.3	3.8	5.6	
68	5.3	3.9	5.9	

Manual Integrations
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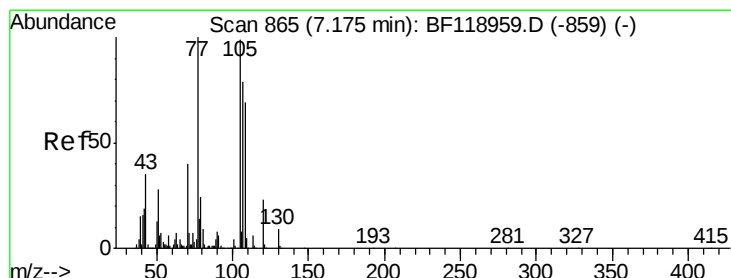
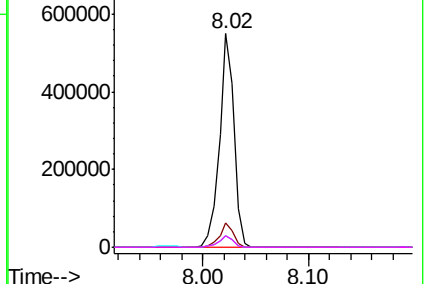
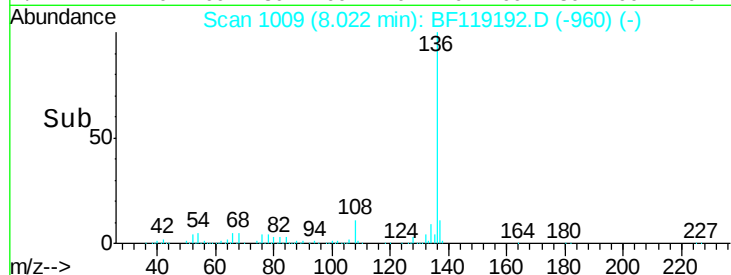
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.890 ng

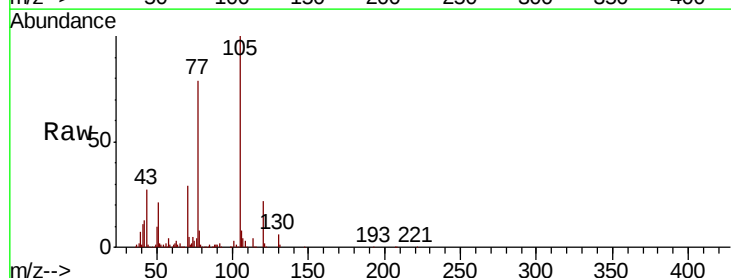
RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	567640		
71	4.8	3.0	4.4#	
51	21.4	20.1	30.1	
120	22.0	18.0	27.0	



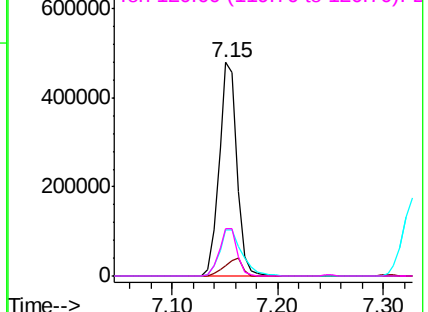
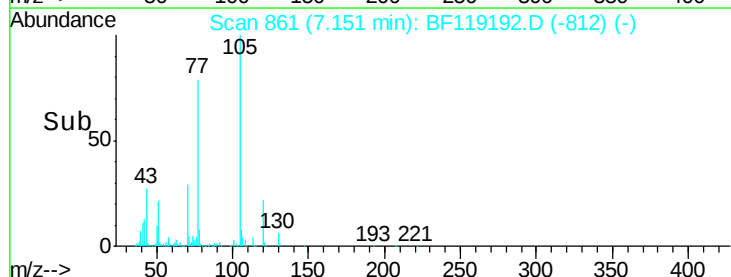
Abundance

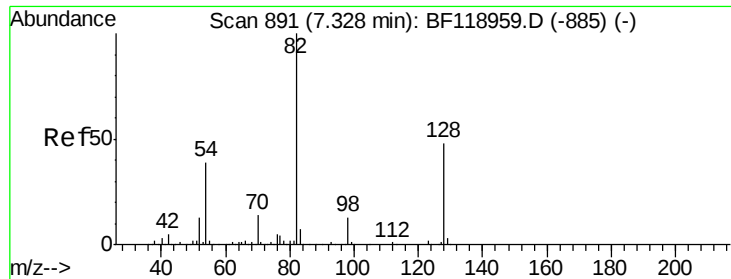
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





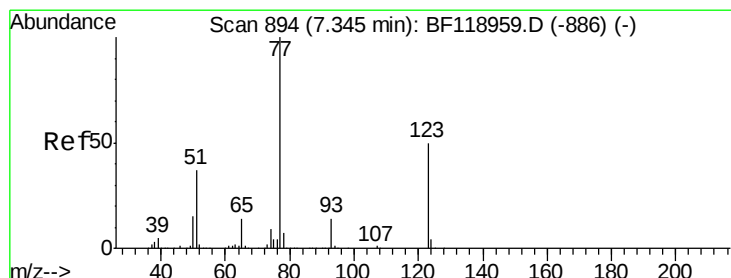
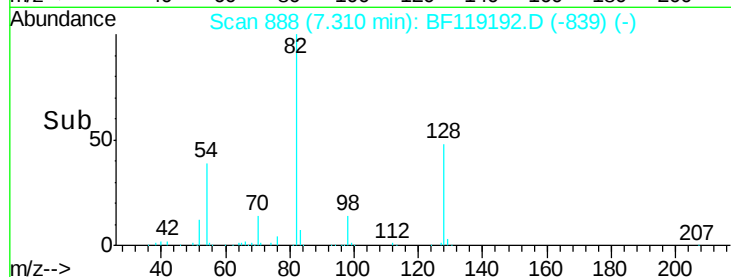
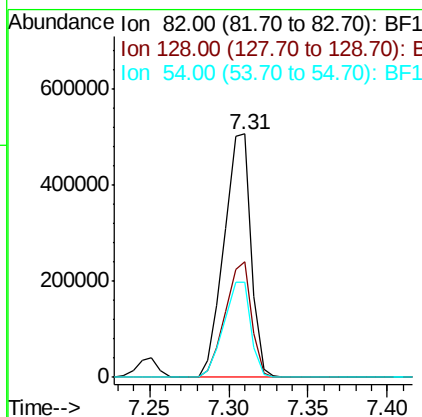
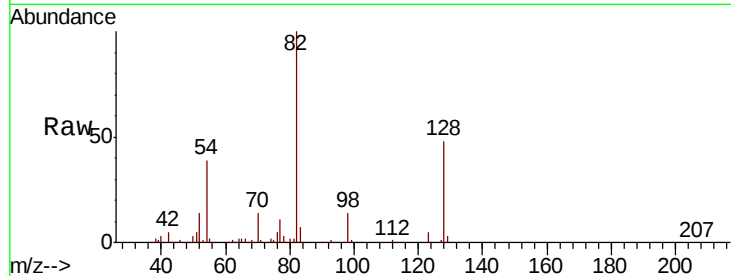
#23
Nitrobenzene-d5
Concen: 59.423 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.9	56.9
54	39.2	33.4	50.2

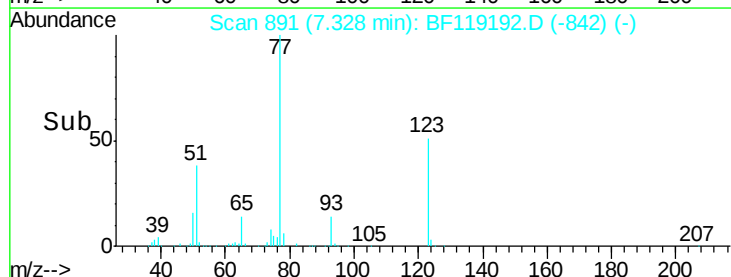
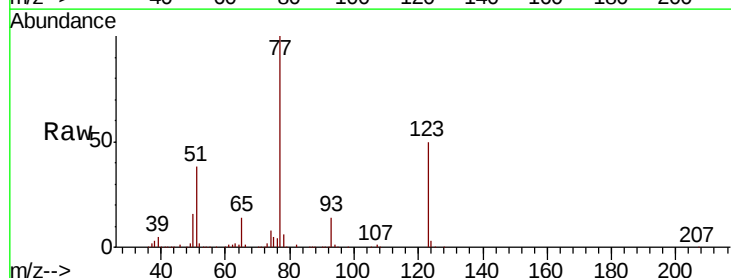
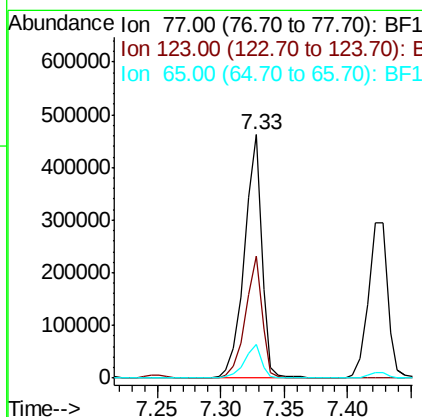
Manual Integrations
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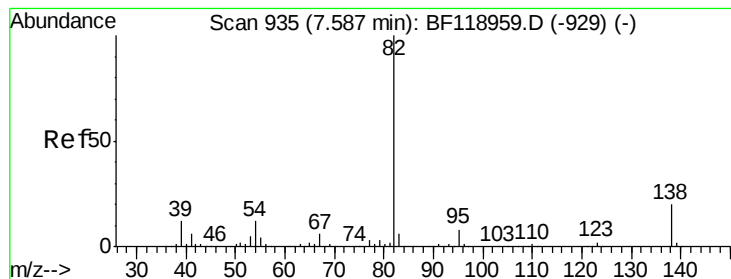
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#24
Nitrobenzene
Concen: 43.276 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.1	40.2	60.2
65	13.6	10.8	16.2





#25

Isophorone

Concen: 44.704 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

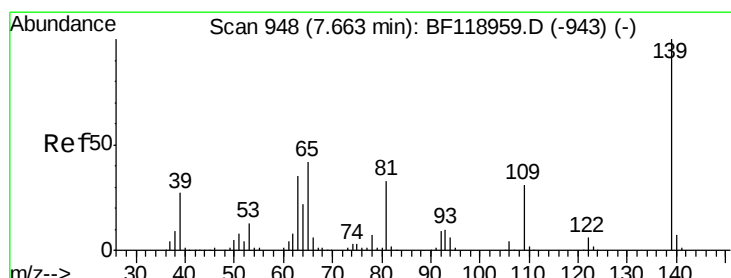
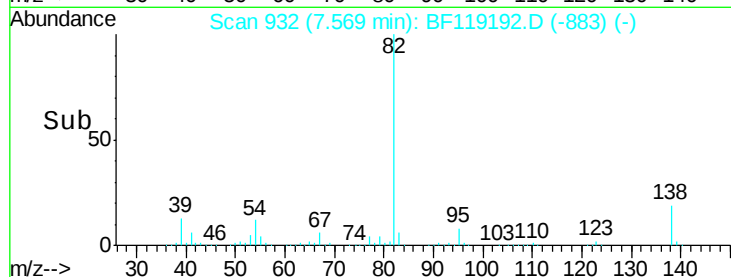
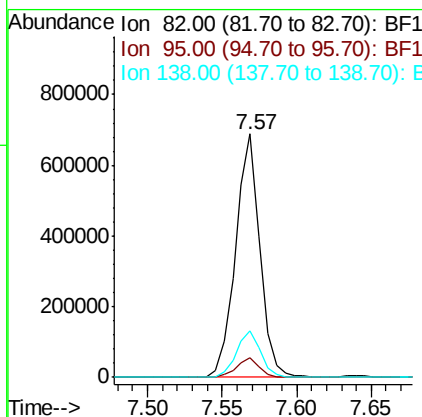
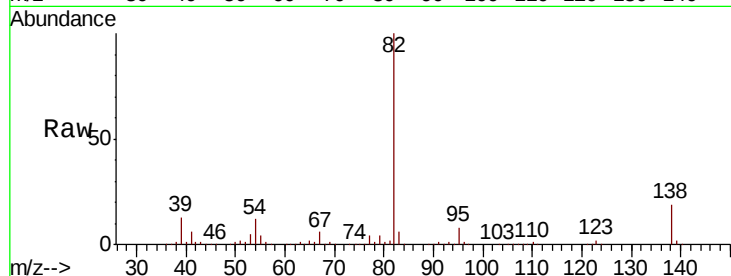
ClientSampleId :

TR-05-030220MS

Tot Ion:	82	Resp:	786115
Ion Ratio		Lower	Upper
82	100		
95	8.0	6.4	9.6
138	19.3	15.7	23.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.554 ng

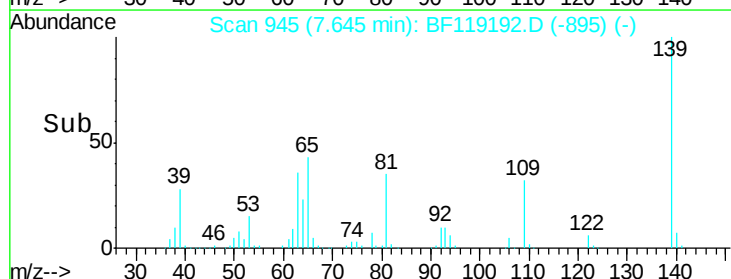
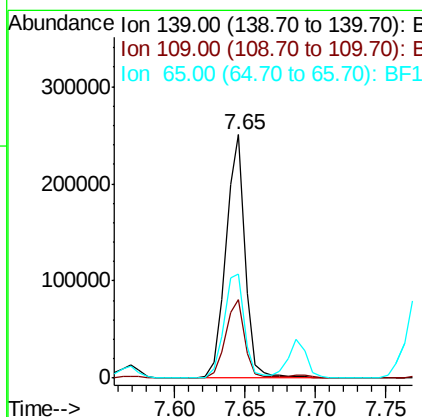
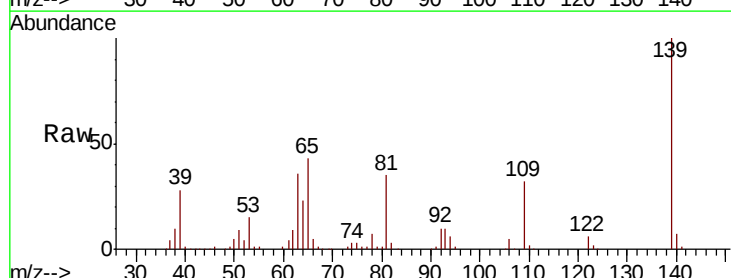
RT: 7.65 min Scan# 945

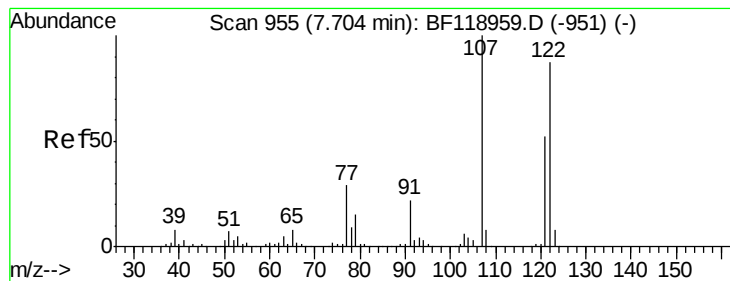
Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Tgt Ion:	139	Resp:	236377
Ion Ratio		Lower	Upper
139	100		
109	32.1	25.7	38.5
65	42.8	37.1	55.7





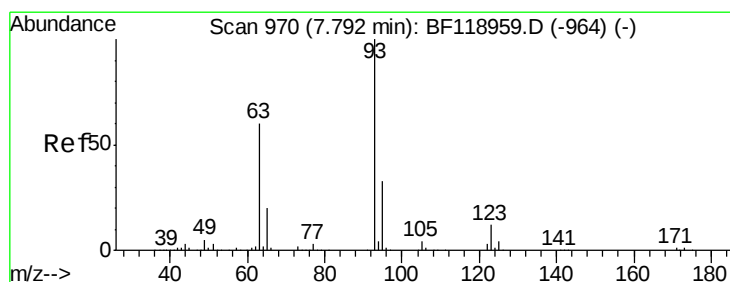
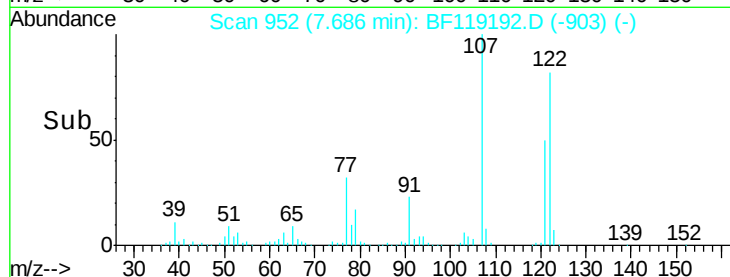
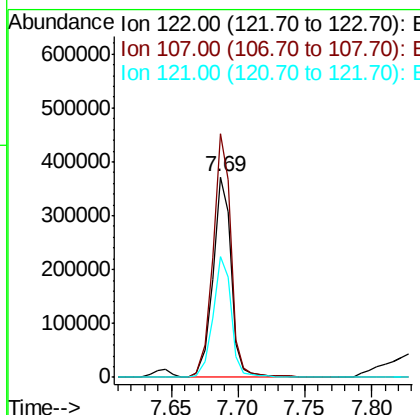
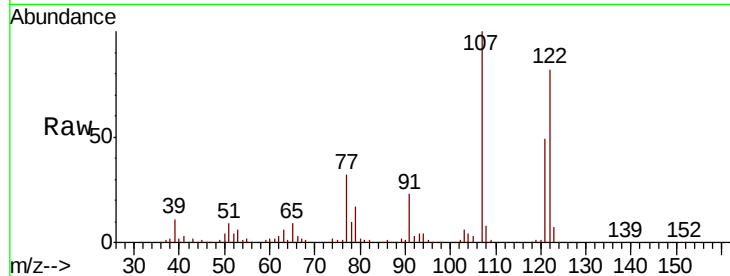
#27
2,4-Dimethylphenol
Concen: 50.015 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.5	93.8	140.6
121	60.1	48.2	72.2

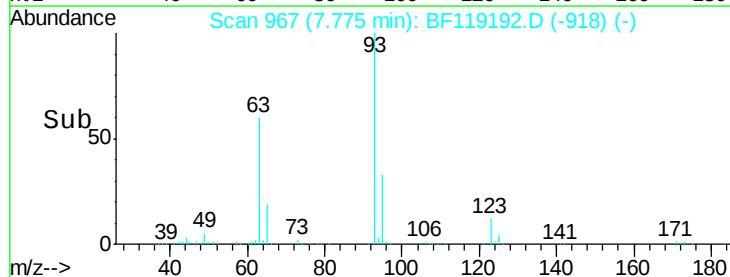
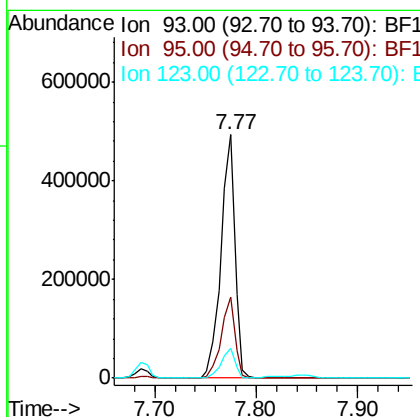
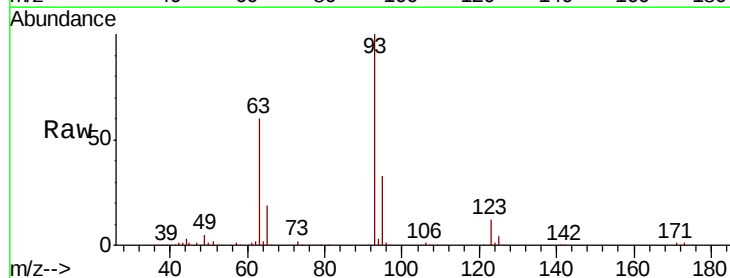
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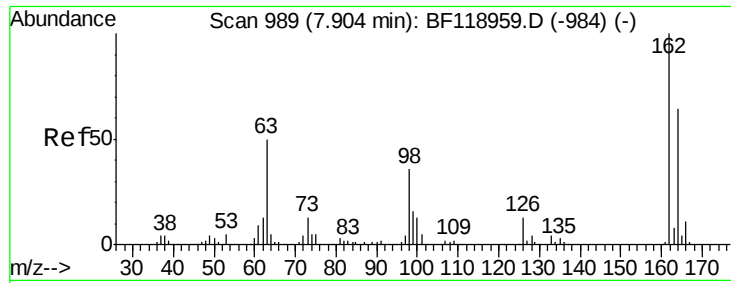
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.543 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.5	39.7
123	12.4	10.2	15.2





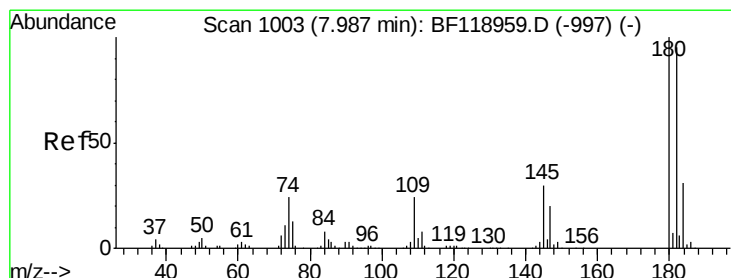
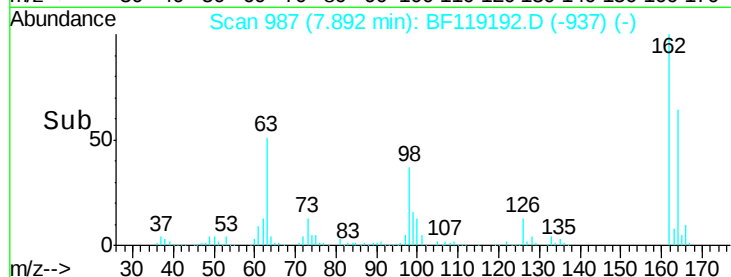
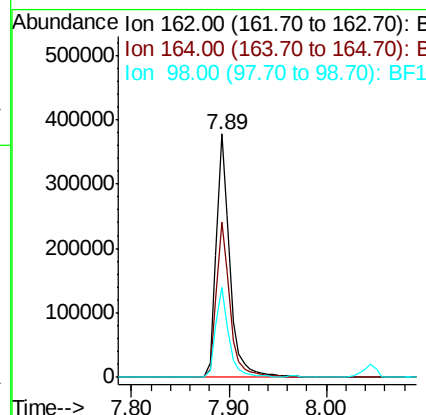
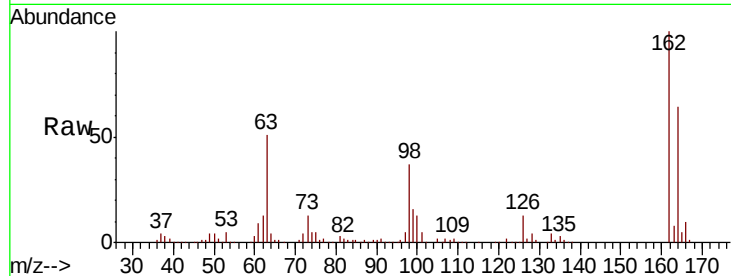
#29
2,4-Dichlorophenol
Concen: 43.171 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.9	45.2	85.2	
98	36.9	17.4	57.4	

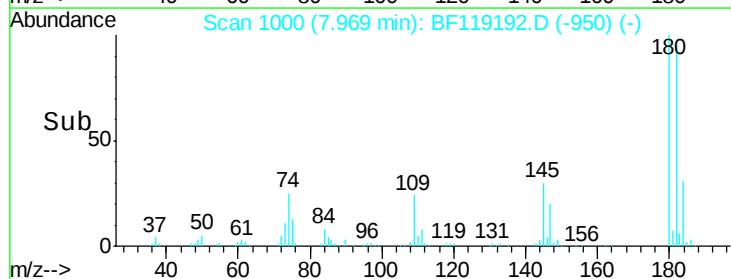
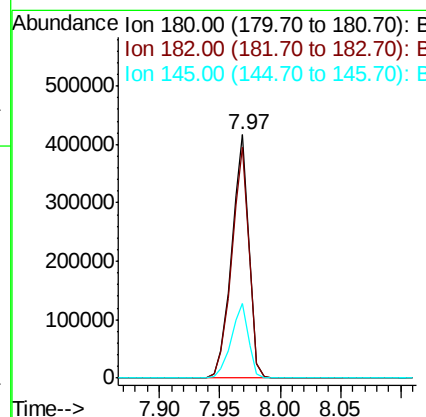
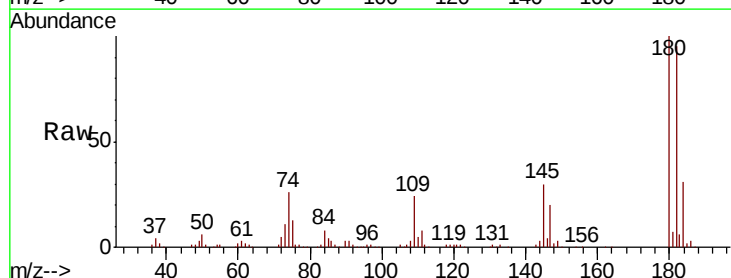
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#30
1,2,4-Trichlorobenzene
Concen: 40.804 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.9	77.8	116.6	
145	30.5	25.2	37.8	





#31

Naphthalene

Concen: 43.196 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

ClientSampleId :

TR-05-030220MS

Tot Ion:128 Resp: 1197678

Ion Ratio Lower Upper

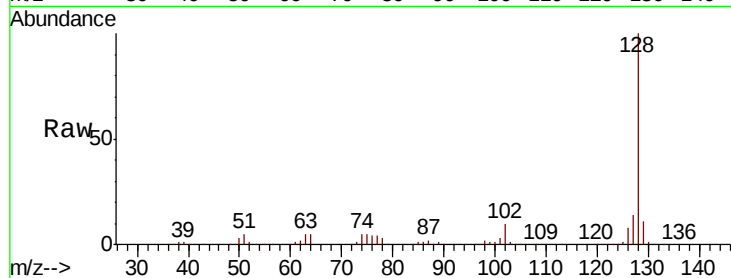
128 100

129 11.3 9.4 14.2

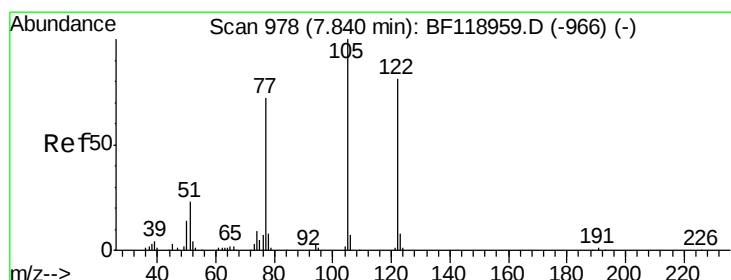
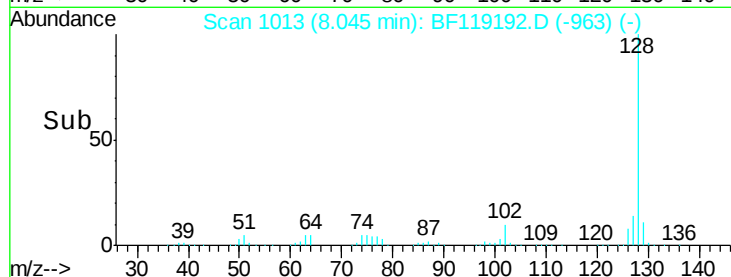
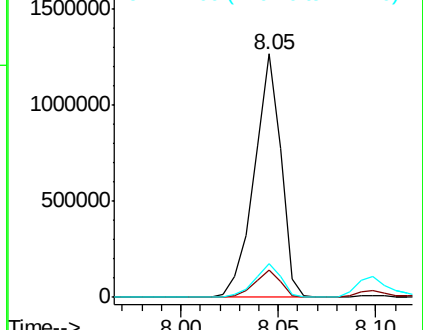
127 13.7 11.4 17.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.644 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

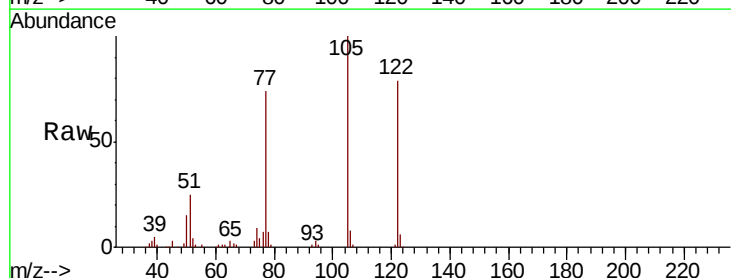
Tgt Ion:122 Resp: 188978

Ion Ratio Lower Upper

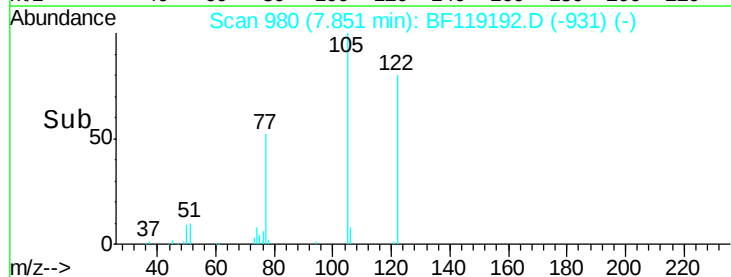
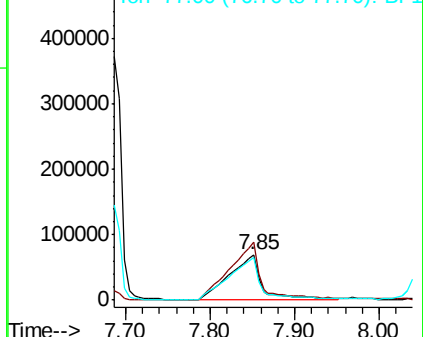
122 100

105 126.8 106.3 146.3

77 94.3 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





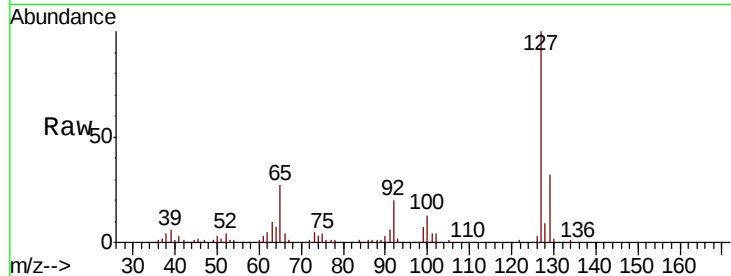
#33
4-Chloroaniline
Concen: 12.383 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.9	38.9		
65	27.2	23.9	35.9		
92	19.7	16.3	24.5		

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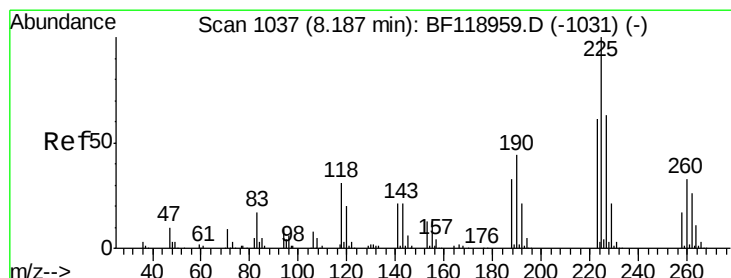
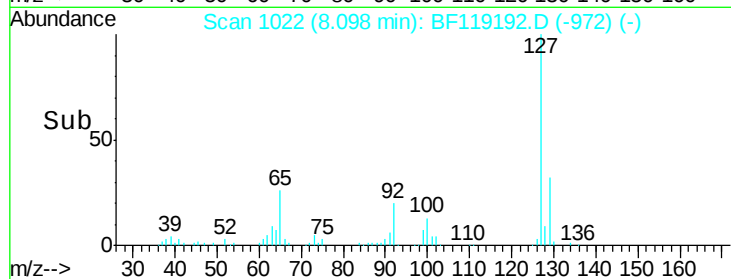
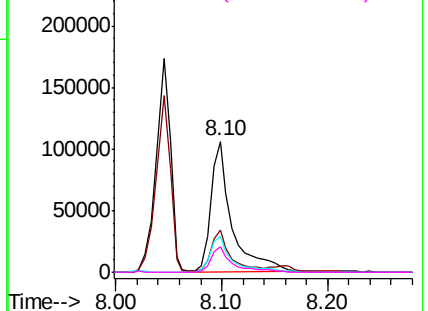
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.274 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

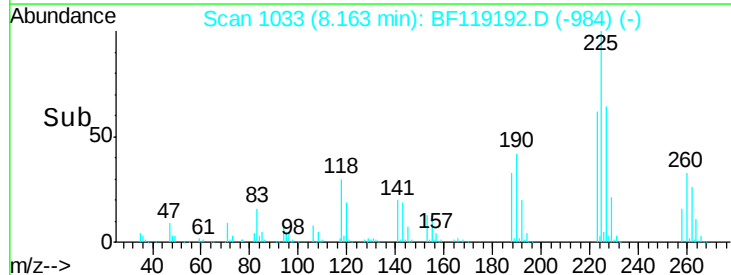
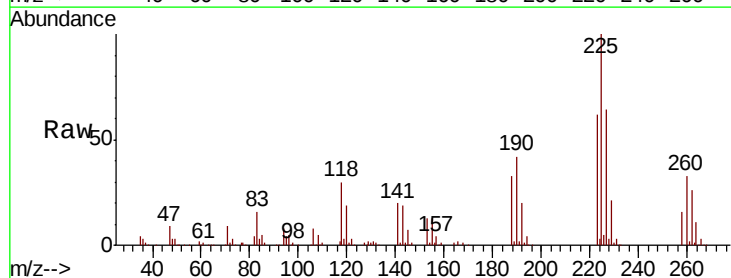
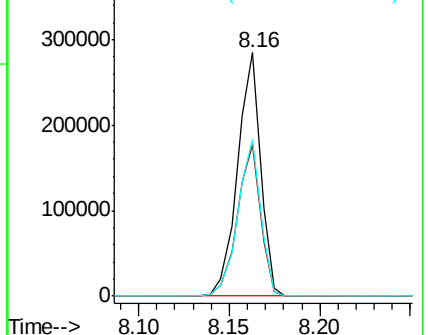
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3	49.4	74.2		
227	64.1	52.9	79.3		

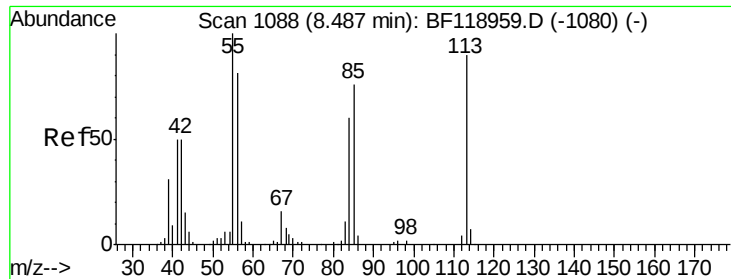
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





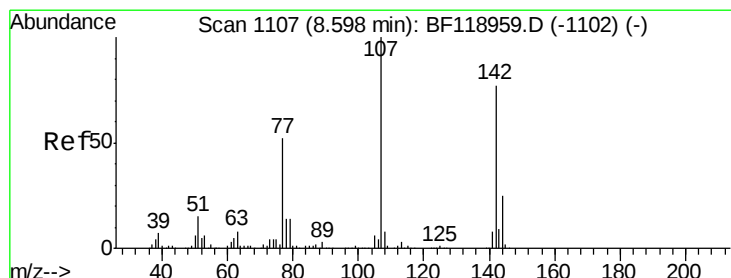
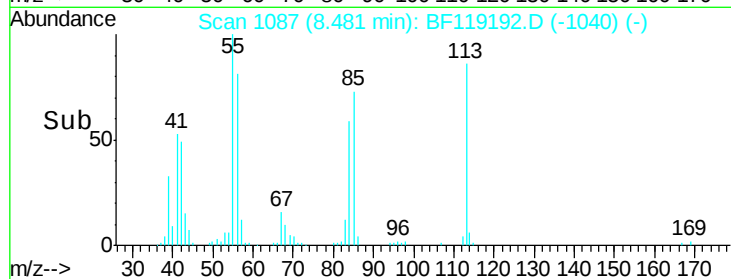
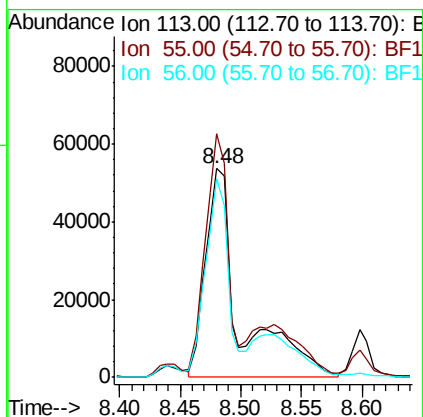
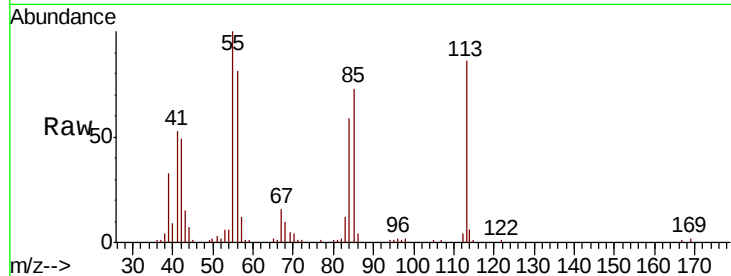
#35
 Caprolactam
 Concen: 40.843 ng/ml
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-030220MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	116.7	95.7	135.7
56	95.0	73.1	113.1

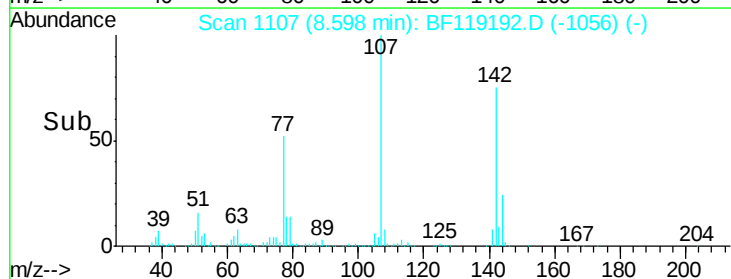
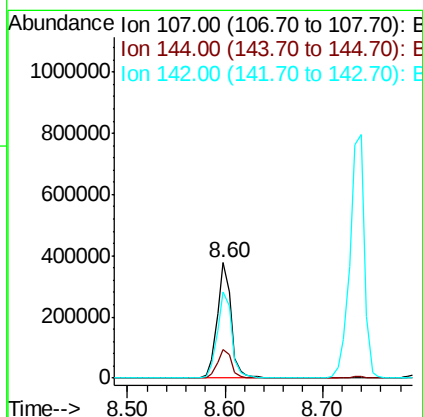
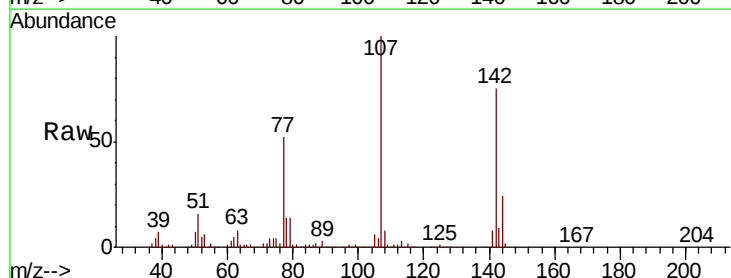
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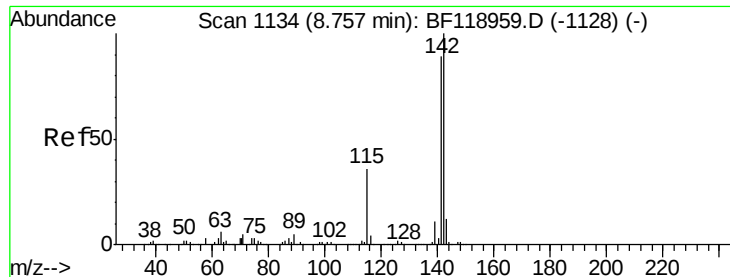
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#36
 4-Chloro-3-methylphenol
 Concen: 43.868 ng/ml
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	20.1	30.1
142	74.8	61.4	92.2





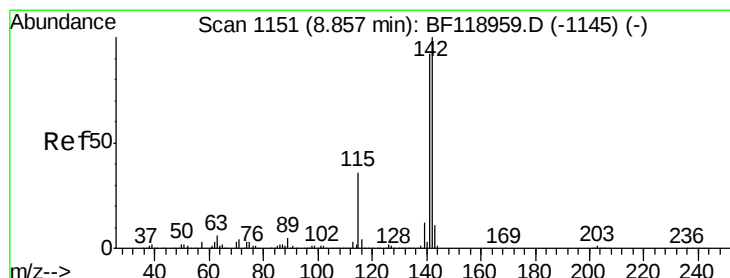
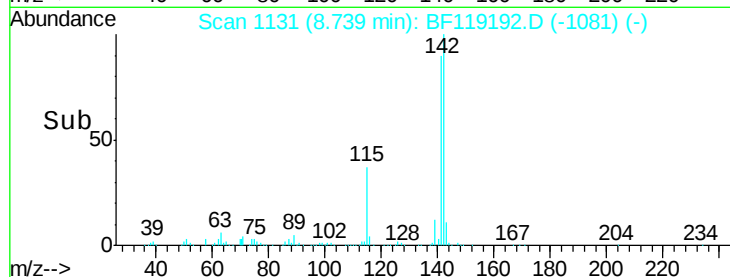
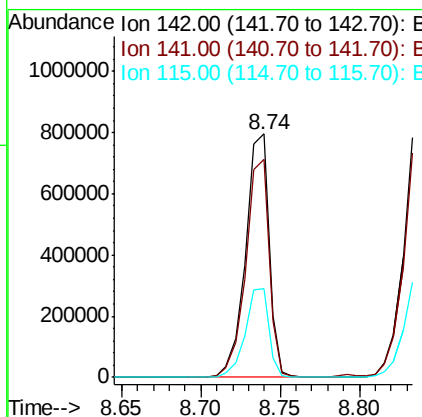
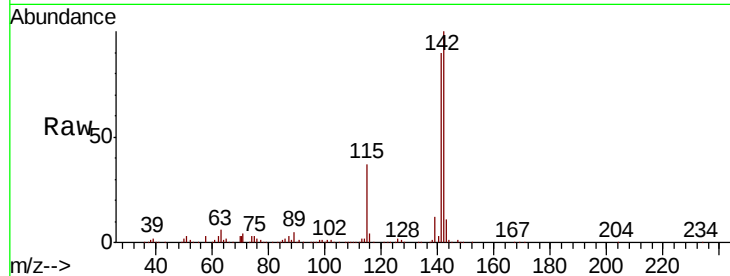
#37
2-Methylnaphthalene
Concen: 43.933 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.3	108.5
115	36.5	30.6	45.8

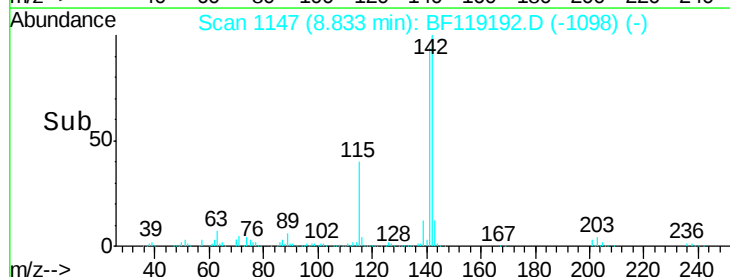
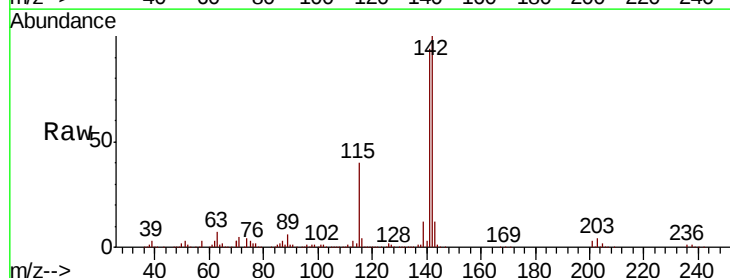
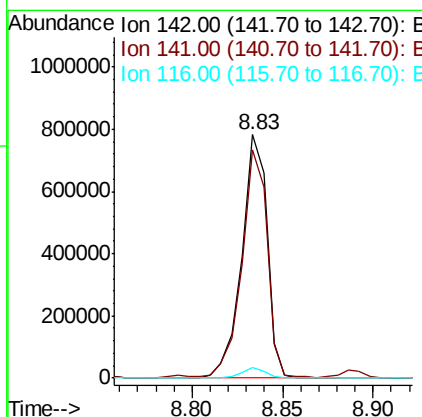
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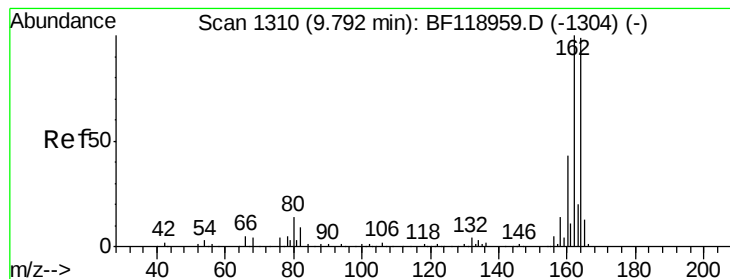
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#38
1-Methylnaphthalene
Concen: 43.307 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.8	113.6
116	4.1	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: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

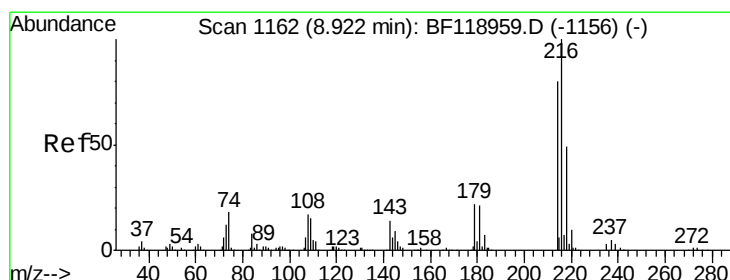
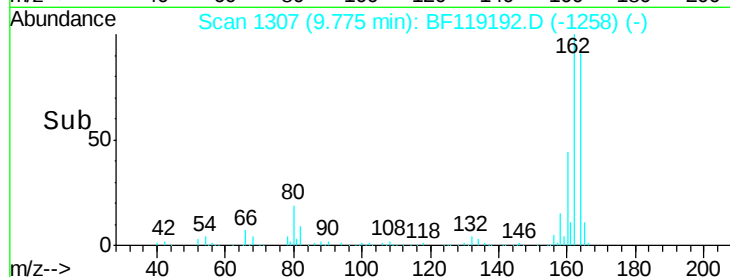
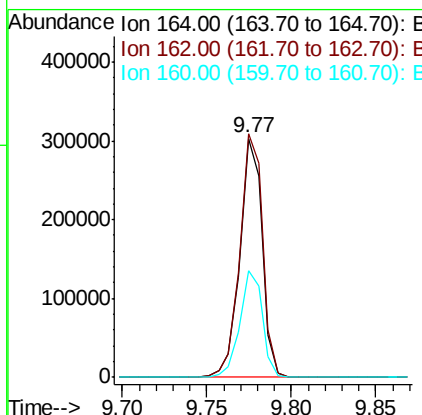
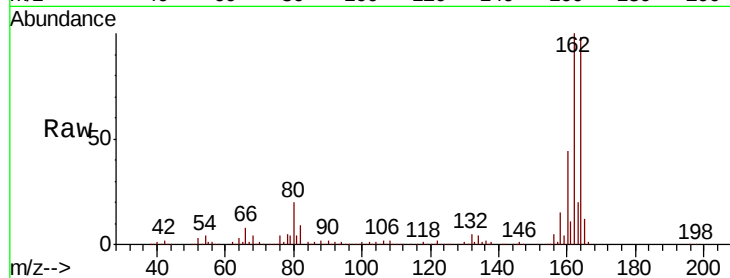
ClientSampleId :

TR-05-030220MS

Tot Ion:	164	Resp:	277665
Ion Ratio	Lower	Upper	
164	100		
162	102.0	81.8	122.8
160	44.8	36.0	54.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.412 ng

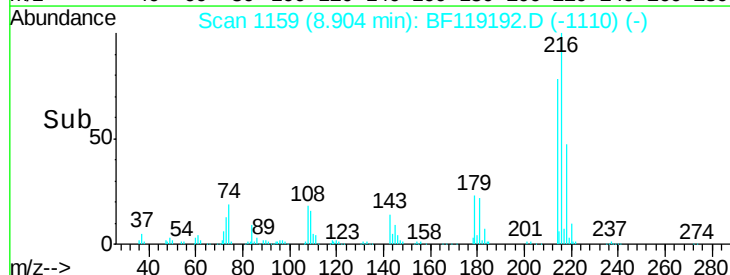
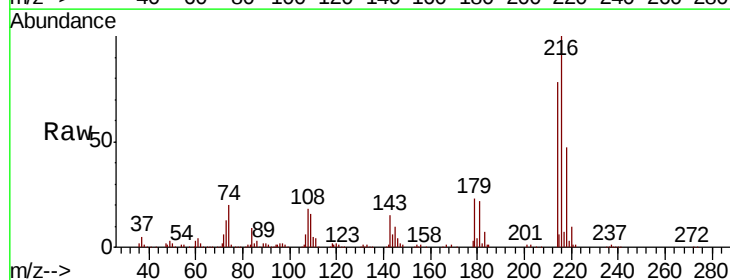
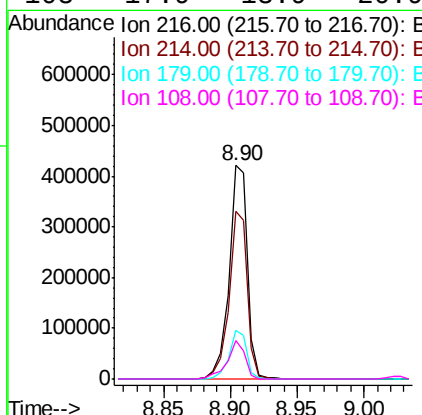
RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Tgt Ion:	216	Resp:	406411
Ion Ratio	Lower	Upper	
216	100		
214	78.1	63.3	94.9
179	21.8	17.7	26.5
108	17.9	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 56.044 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

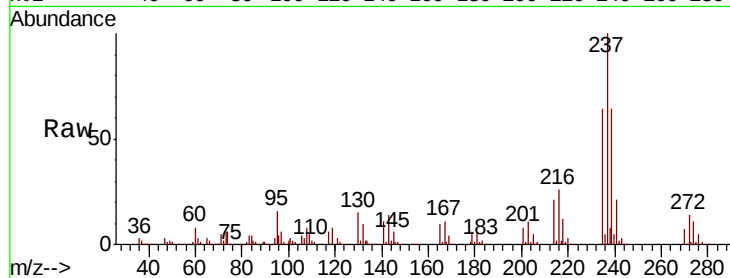
ClientSampleId :

TR-05-030220MS

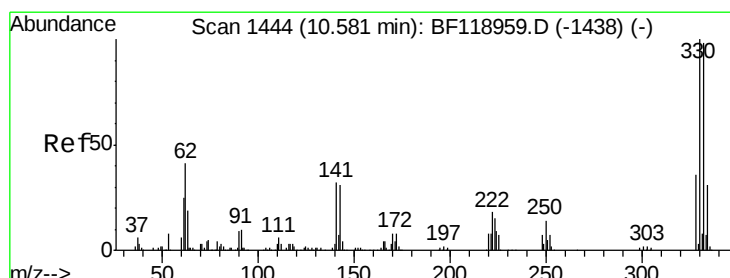
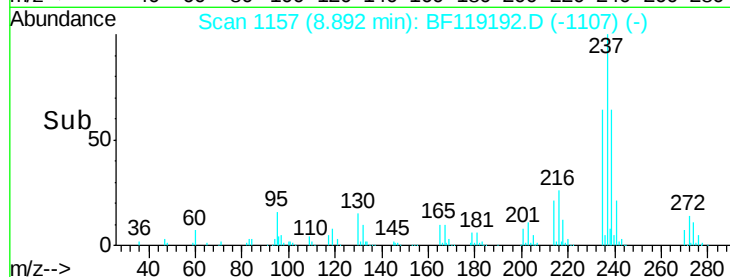
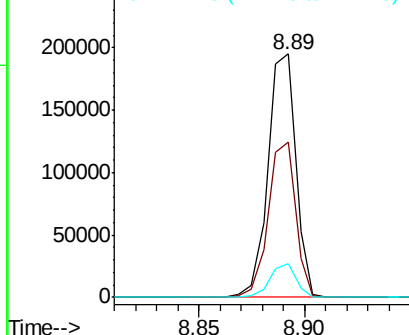
Tot Ion:	237	Resp:	180115
Ion Ratio	Lower	Upper	
237	100		
235	63.8	42.3	82.3
272	13.7	0.0	33.5

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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: 79.243 ng

RT: 10.57 min Scan# 1442

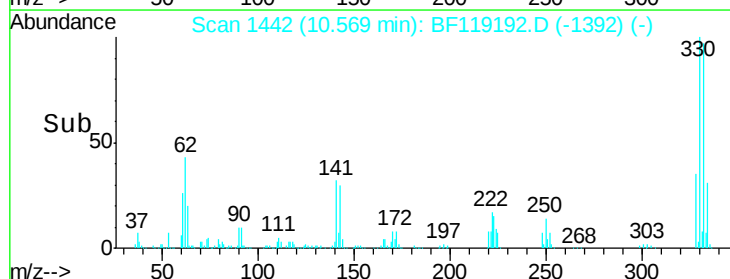
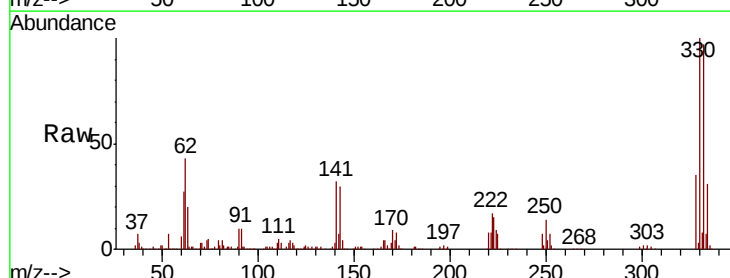
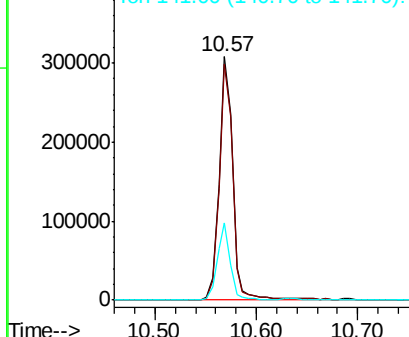
Delta R.T. -0.01 min

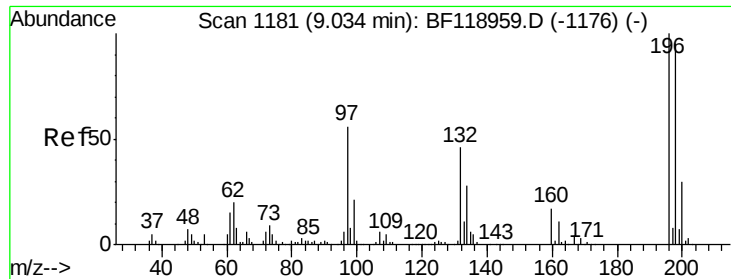
Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Tgt Ion:	330	Resp:	287837
Ion Ratio	Lower	Upper	
330	100		
332	97.5	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





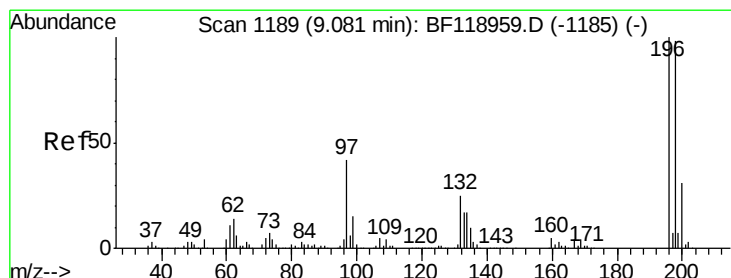
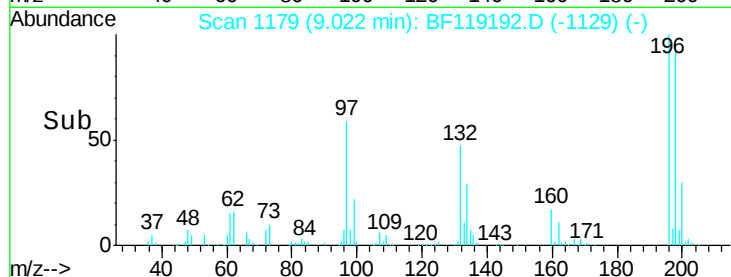
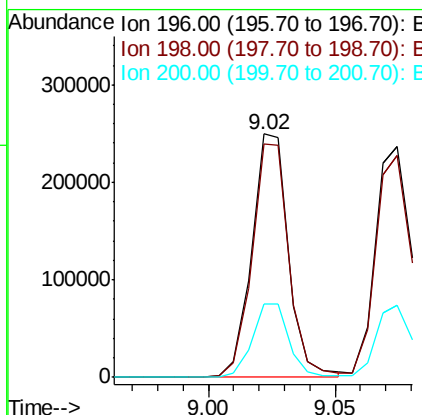
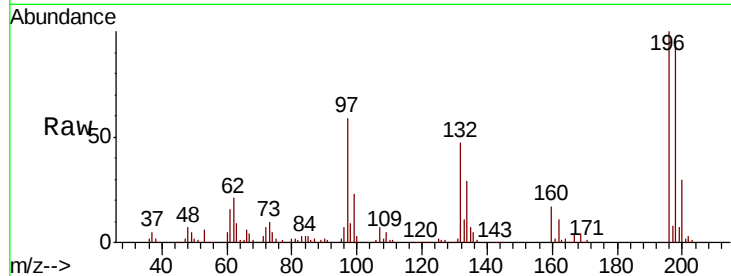
#43
2,4,6-Trichlorophenol
Concen: 42.582 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	251741		
198	96.0	77.1	115.7	
200	30.3	25.0	37.6	

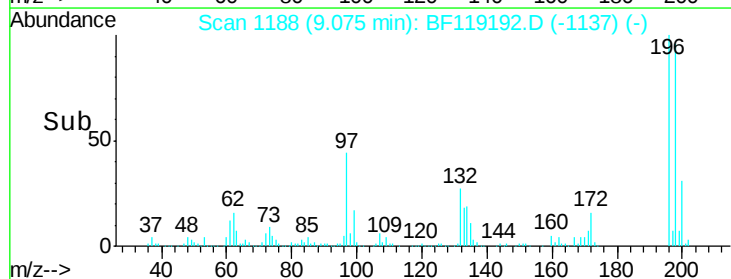
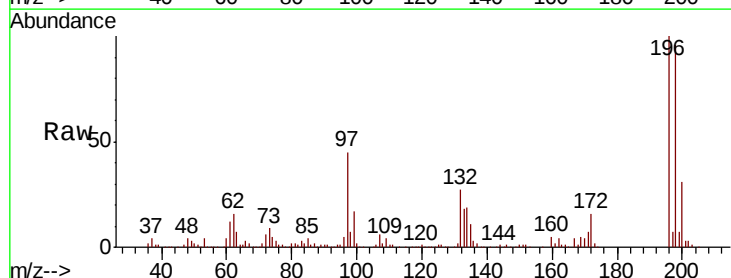
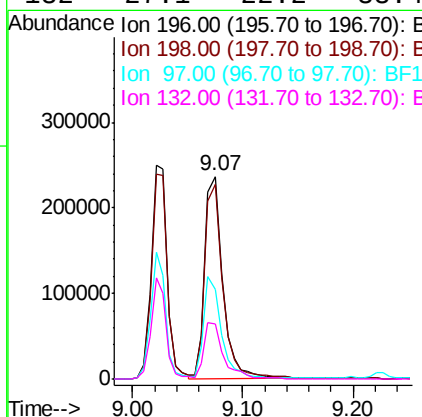
Manual Integrations
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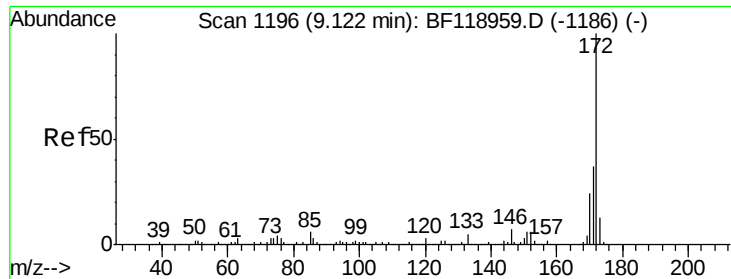
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 42.677 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	264751		
198	95.8	76.8	115.2	
97	44.5	38.5	57.7	
132	27.1	22.2	33.4	





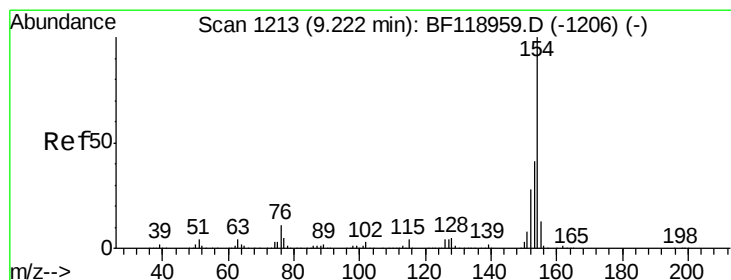
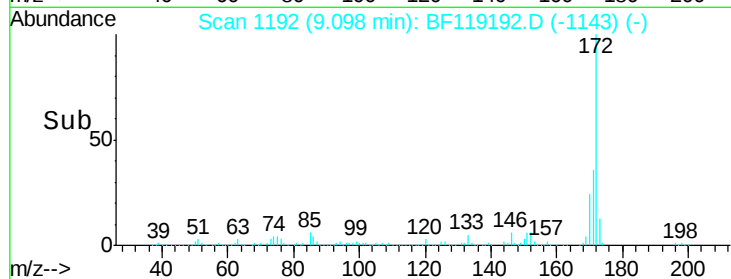
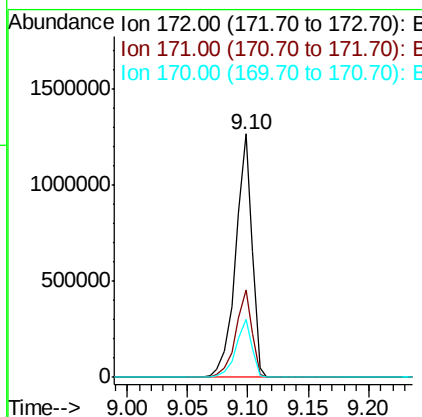
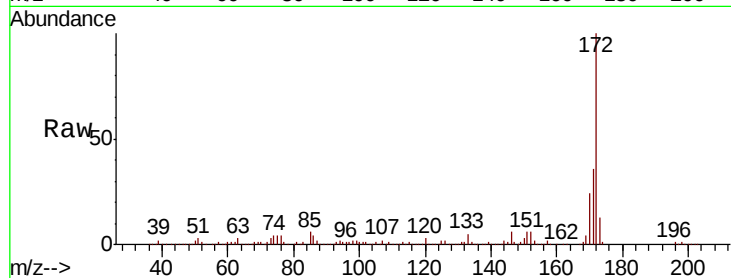
#45
2-Fluorobiphenyl
Concen: 63.463 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.6	45.8
170	23.8	20.2	30.2

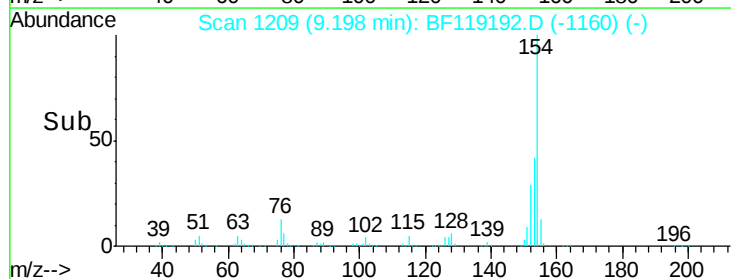
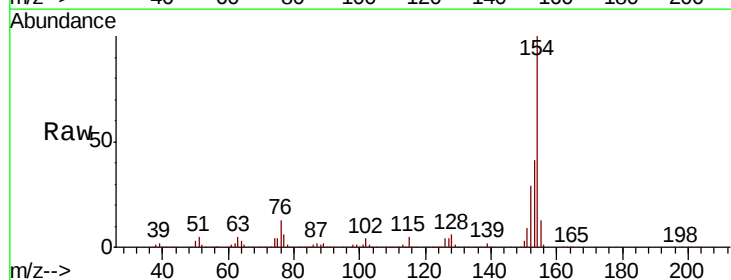
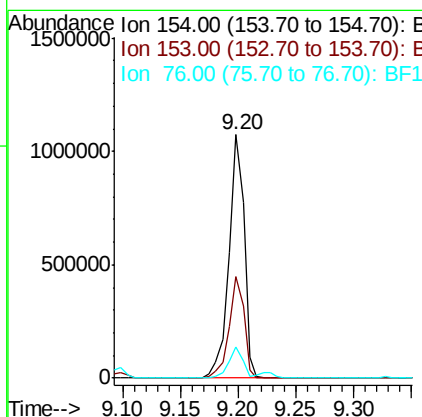
Manual Integrations
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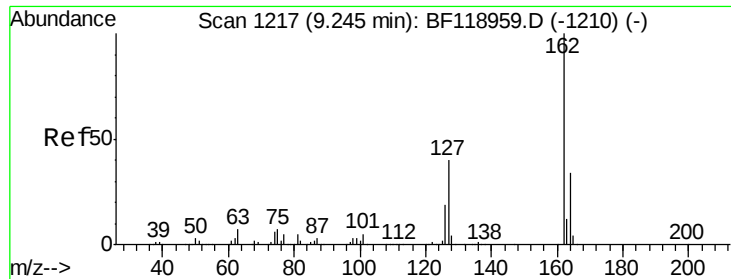
mohammad
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#46
1,1'-Biphenyl
Concen: 43.621 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.8	62.8
76	12.6	0.0	32.2





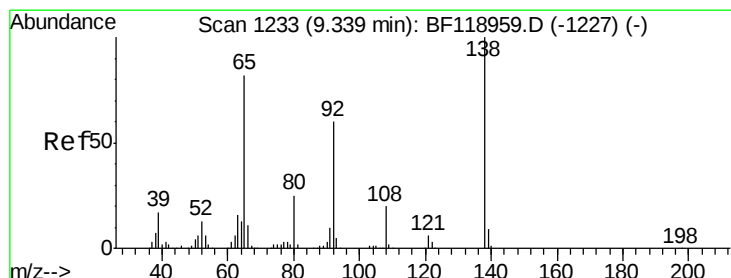
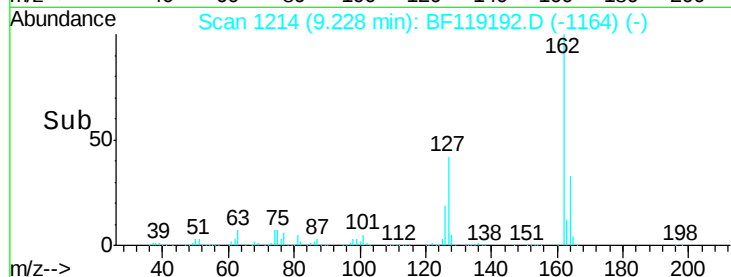
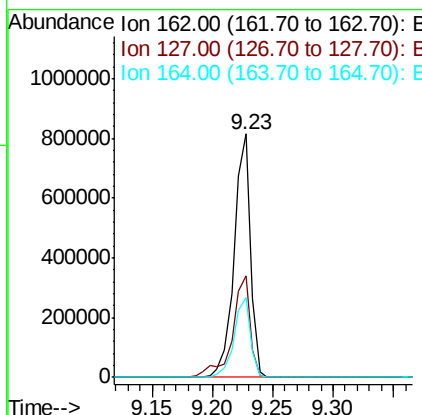
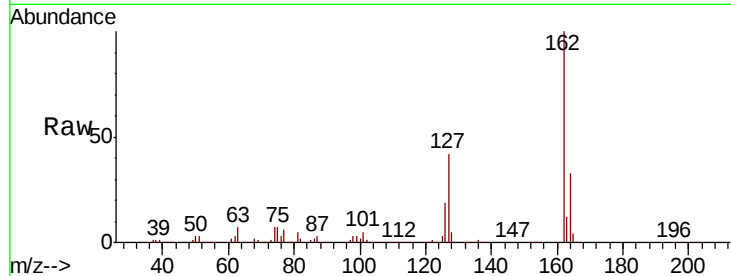
#47
 2-Chloronaphthalene
 Concen: 42.710 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-030220MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	35.0	52.4
164	33.0	27.2	40.8

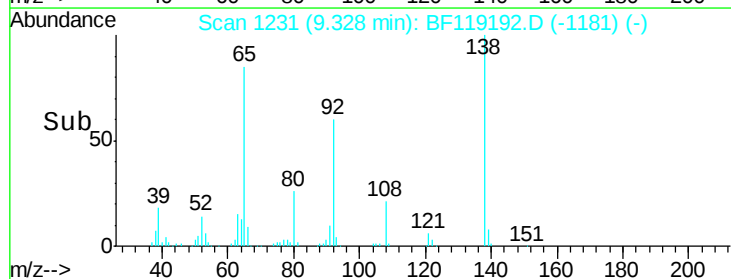
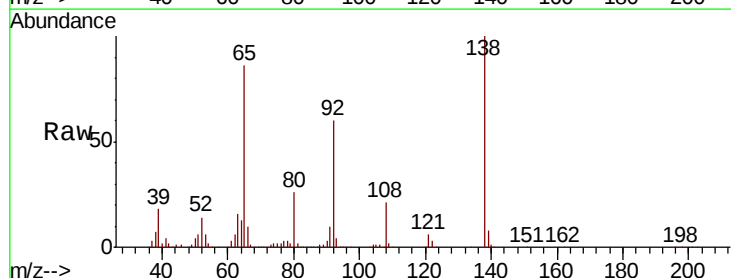
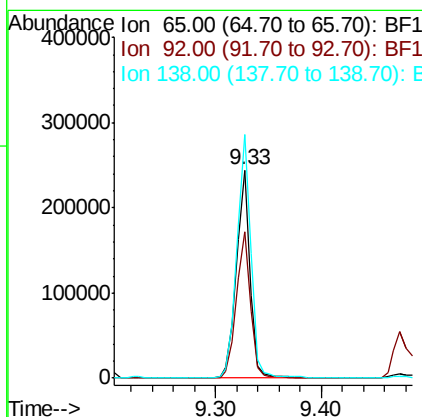
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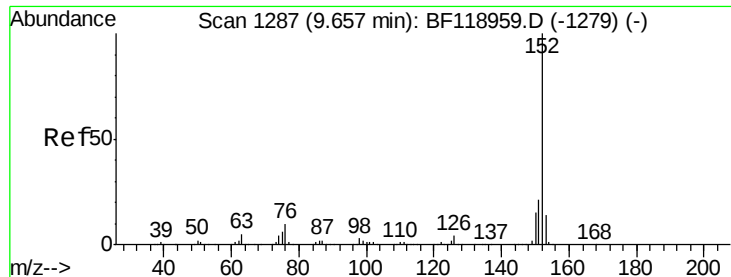
mohammad
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#48
 2-Nitroaniline
 Concen: 43.002 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	58.2	87.2
138	116.9	95.6	143.4





#49

Acenaphthylene

Concen: 44.750 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

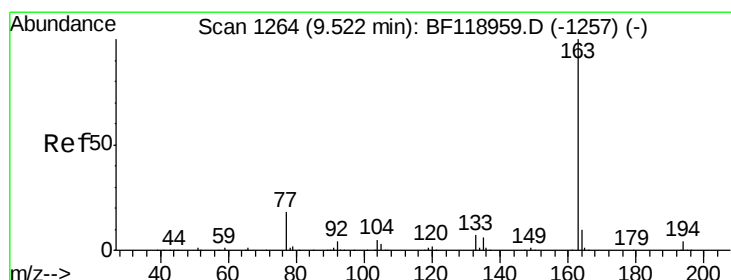
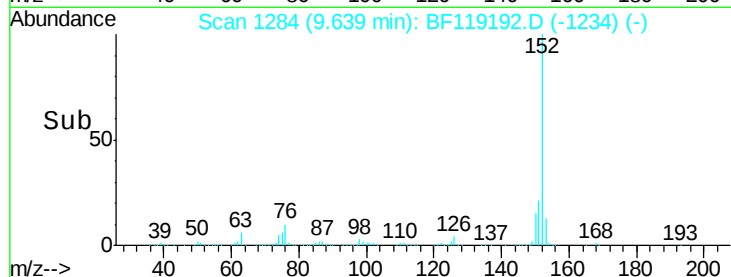
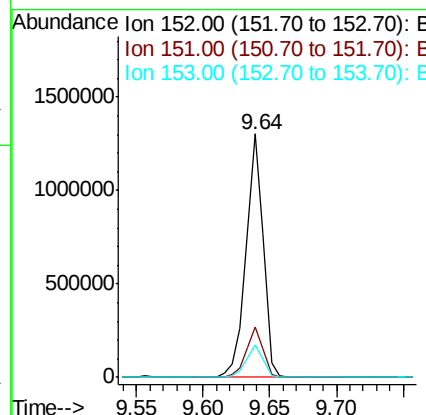
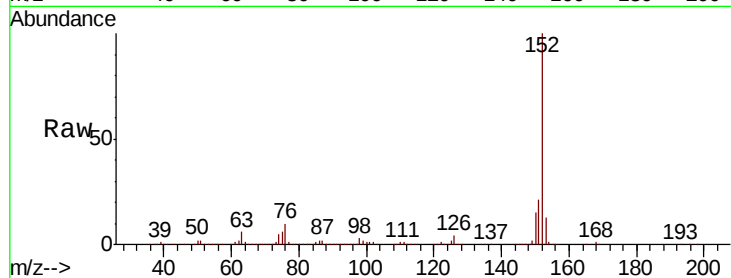
ClientSampleId :

TR-05-030220MS

Tot Ion:	152	Resp:	1168812
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.4	11.0	16.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 52.052 ng

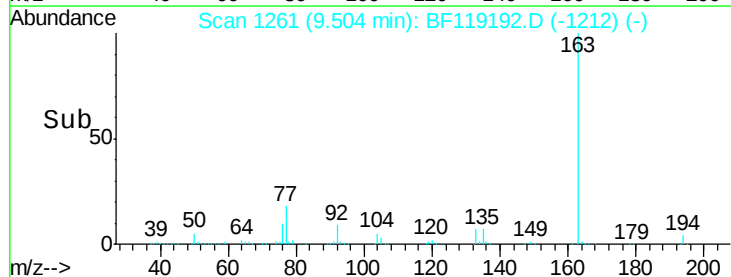
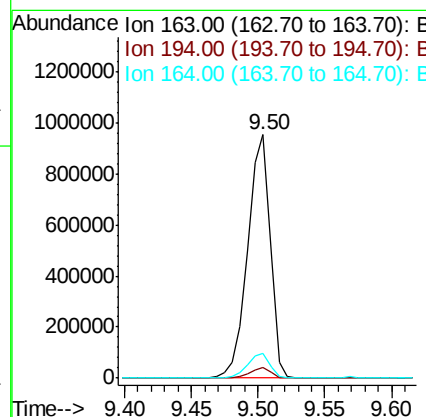
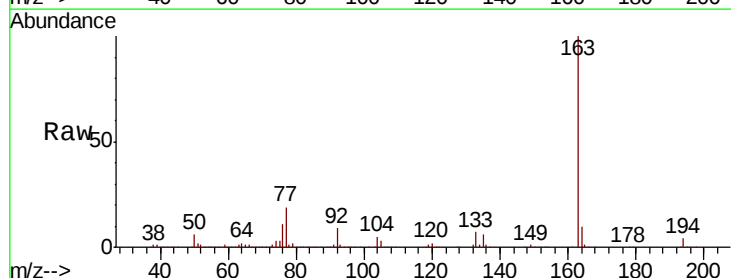
RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Tgt Ion:	163	Resp:	1105194
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.4	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 44.447 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

ClientSampleId :

TR-05-030220MS

Tot Ion:165 Resp: 209667
Ion Ratio Lower Upper

165 100

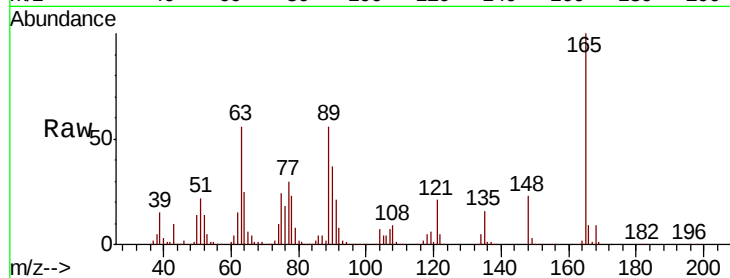
63 56.2 34.3 51.5#

89 56.1 38.3 57.5

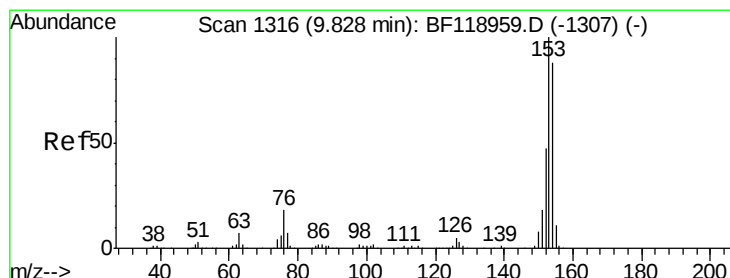
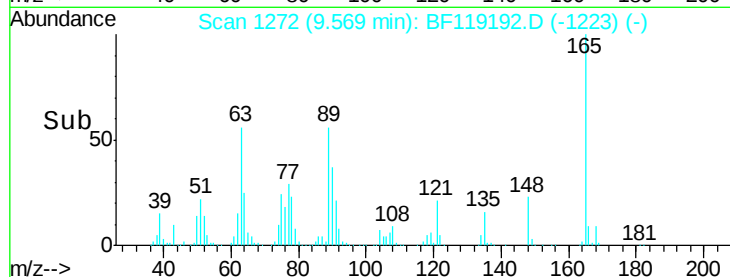
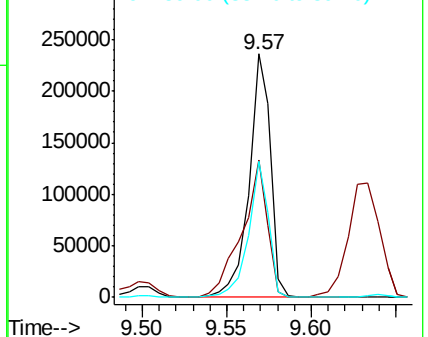
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 43.888 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF119192.D

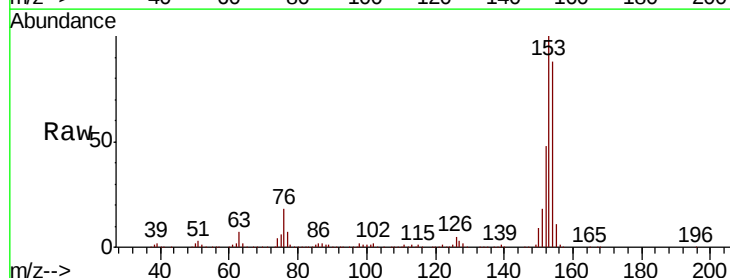
Acq: 4 Mar 2020 13:56

Tgt Ion:154 Resp: 691197
Ion Ratio Lower Upper

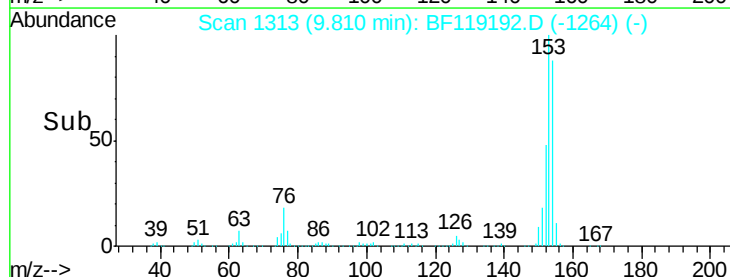
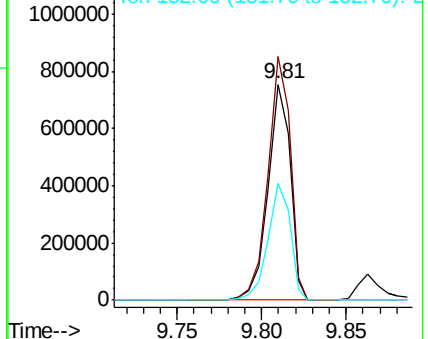
154 100

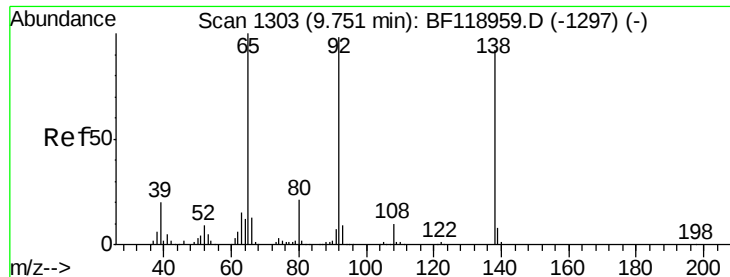
153 113.0 90.3 135.5

152 54.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





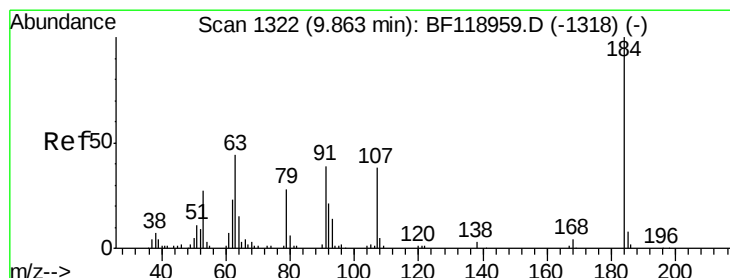
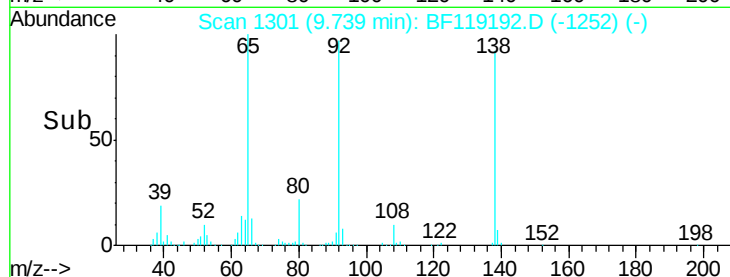
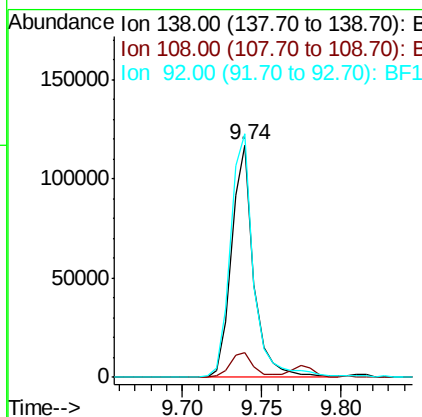
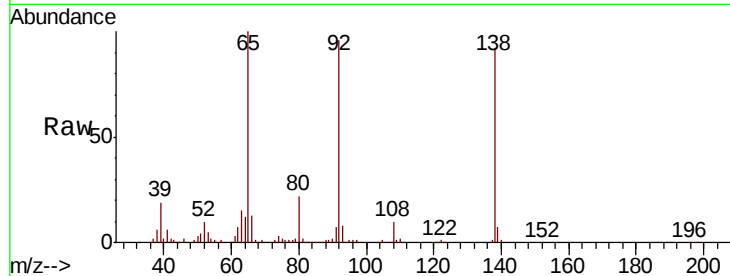
#53
3-Nitroaniline
Concen: 21.733 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.6	8.8	13.2	
92	104.9	84.8	127.2	

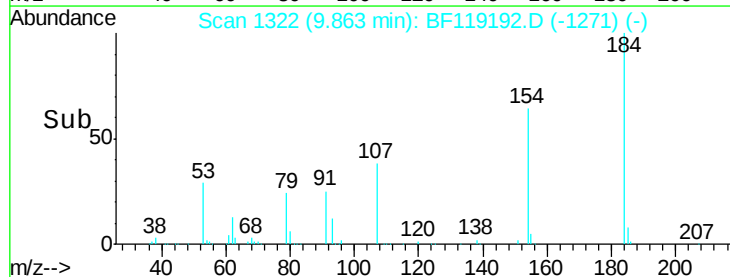
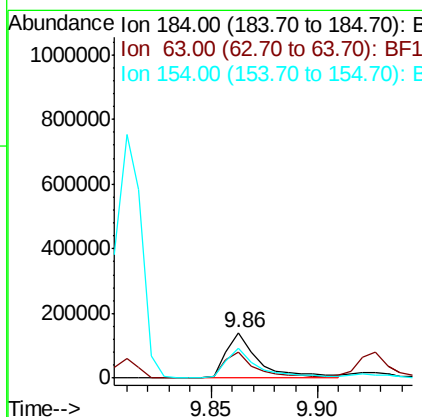
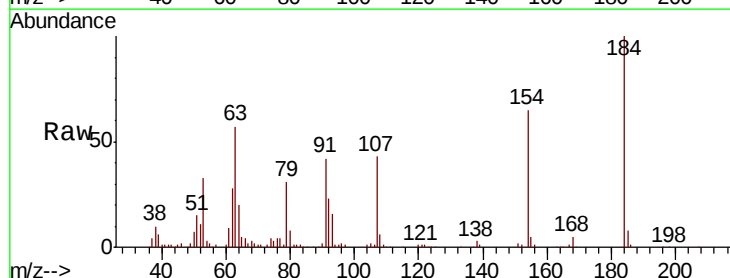
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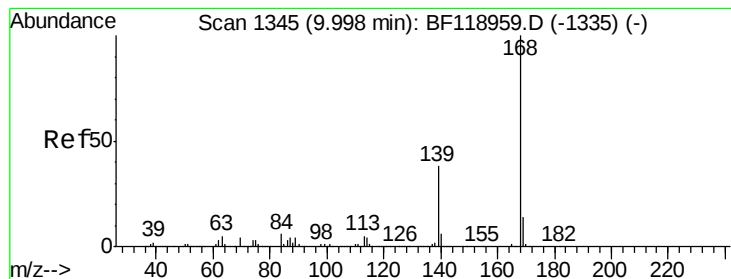
mohammad
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#54
2,4-Dinitrophenol
Concen: 67.619 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	57.3	38.7	58.1	
154	64.8	49.7	74.5	





#55

Dibenzenofuran

Concen: 43.309 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

ClientSampleId :

TR-05-030220MS

Tot Ion:168 Resp: 1018063

Ion Ratio Lower Upper

168 100

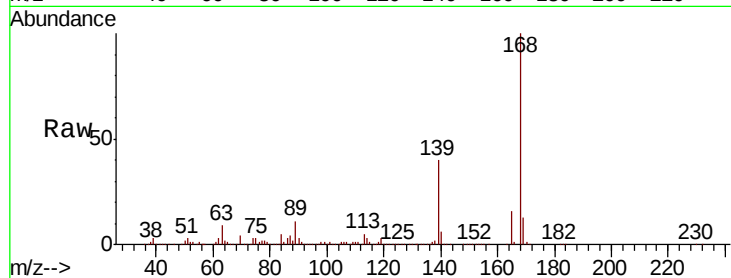
139 40.3 34.0 51.0

169 13.5 11.0 16.4

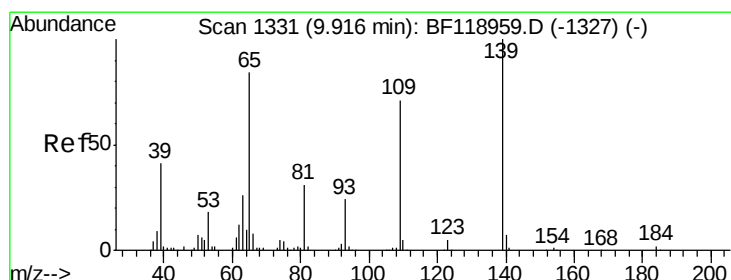
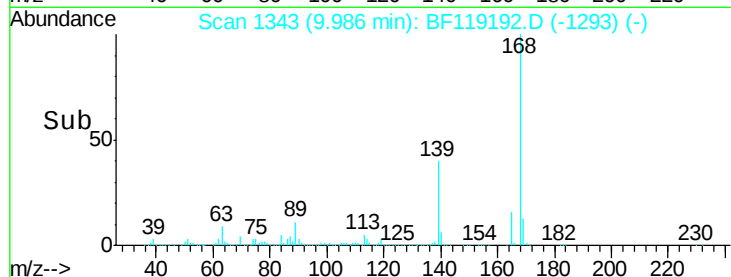
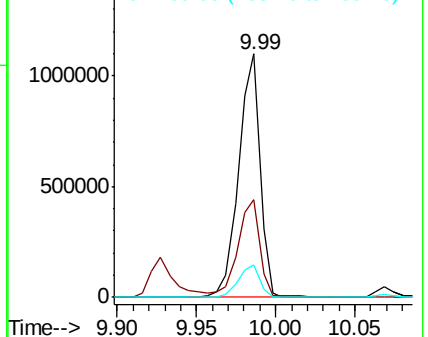
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Abundance Ion 168.00 (167.70 to 168.70): E
1500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 59.978 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

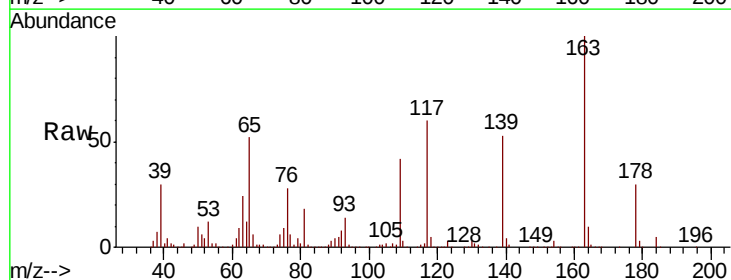
Tgt Ion:139 Resp: 188454

Ion Ratio Lower Upper

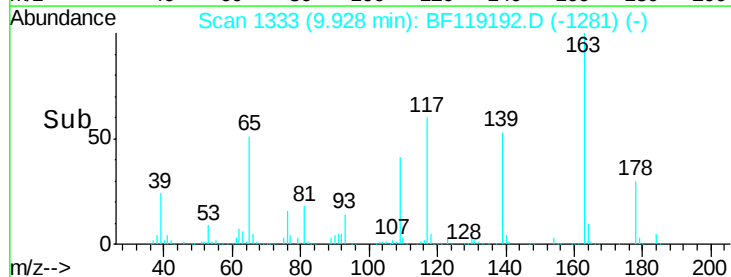
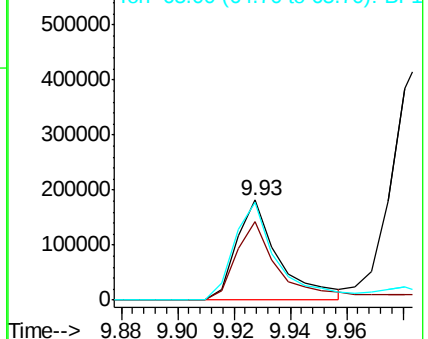
139 100

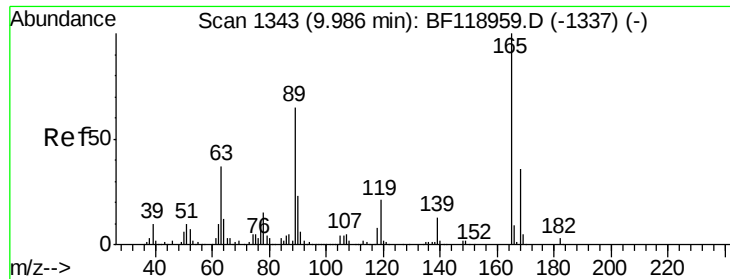
109 77.9 56.7 96.7

65 97.5 65.0 105.0



Abundance Ion 139.00 (138.70 to 139.70): E
600000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





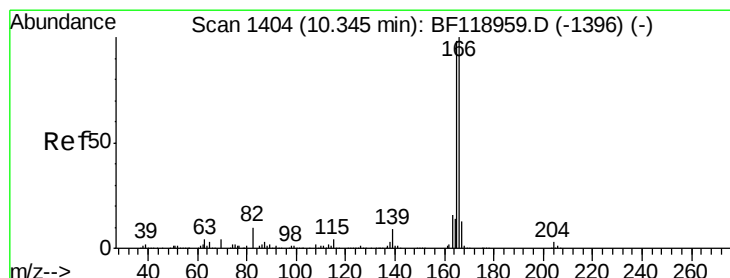
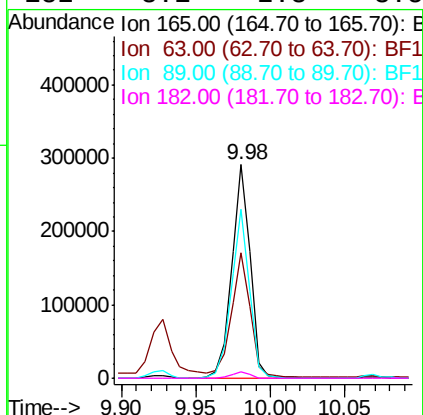
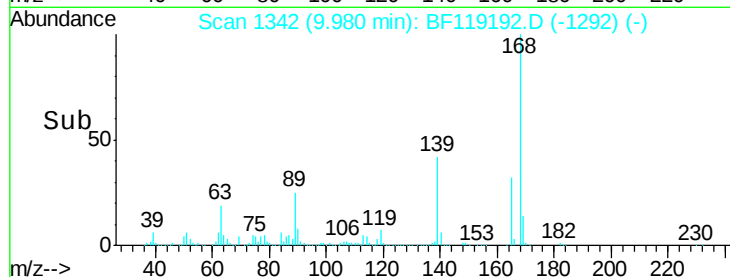
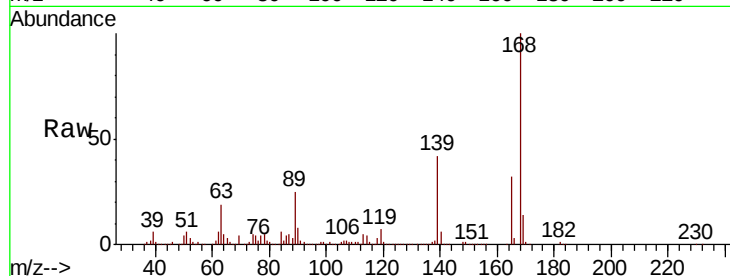
#57
 2,4-Dinitrotoluene
 Concen: 41.685 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-030220MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	254879		
63	58.5	42.3	63.5	
89	79.1	60.2	90.4	
182	3.1	2.3	3.5	

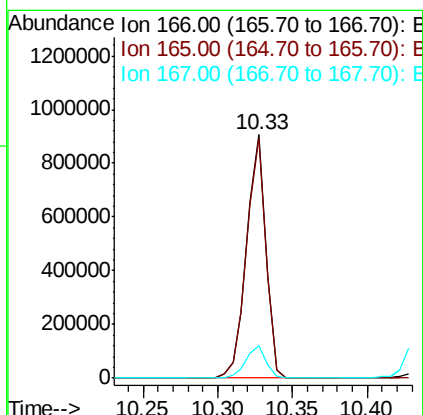
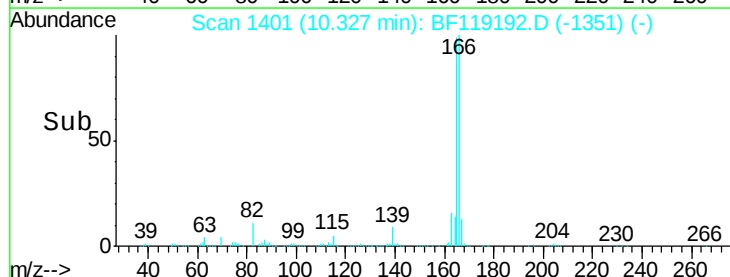
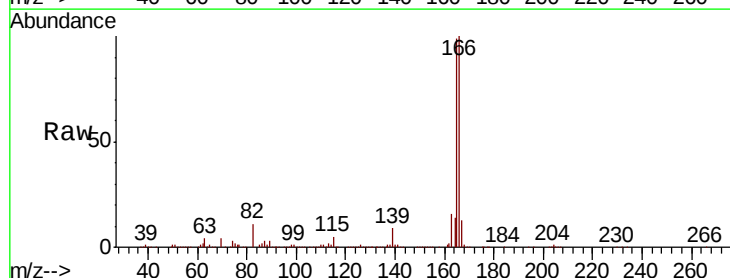
Manual Integrations
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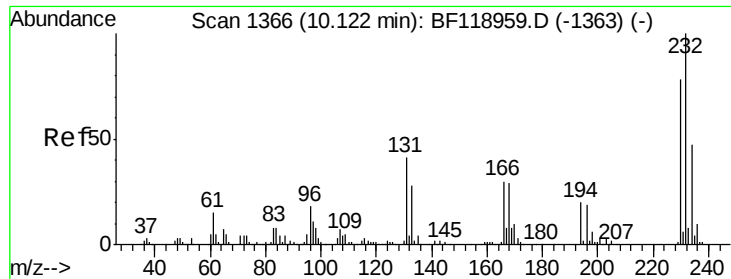
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#58
 Fluorene
 Concen: 44.237 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	808055		
165	98.7	78.5	117.7	
167	13.5	11.0	16.4	





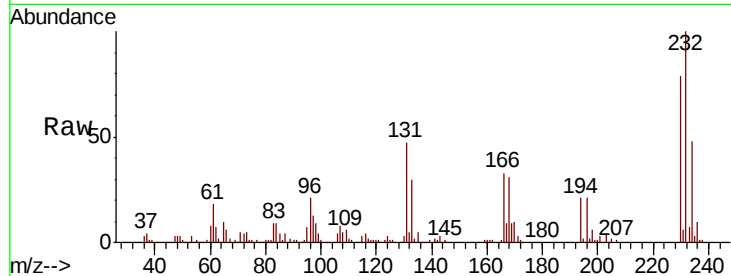
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.228 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-030220MS

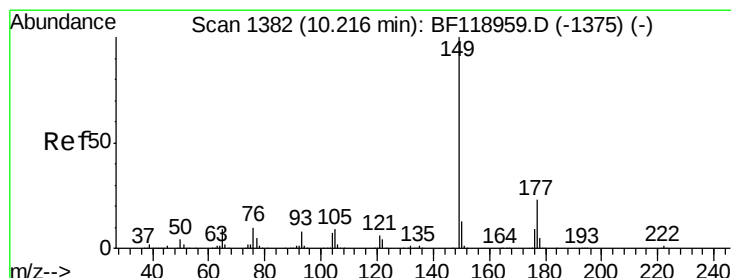
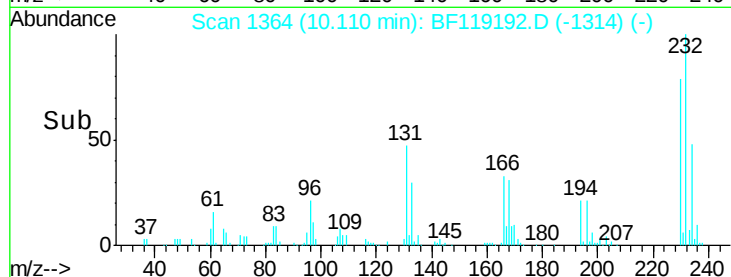
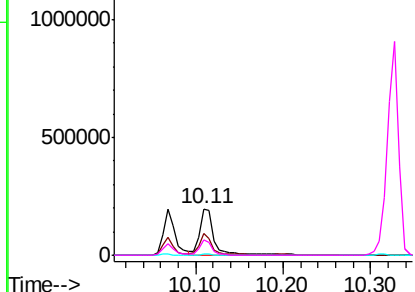
Tot Ion	Ratio	Lower	Upper
232	100		
131	39.7	33.8	50.8
130	2.4	1.8	2.6
166	28.3	23.0	34.4

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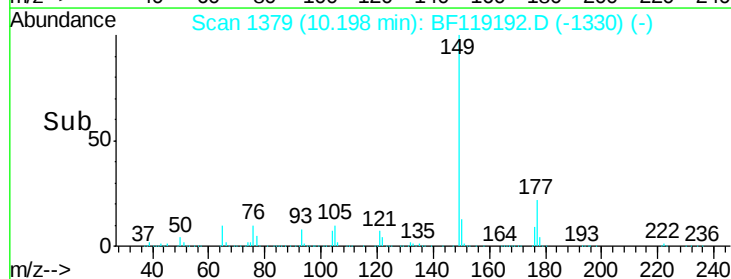
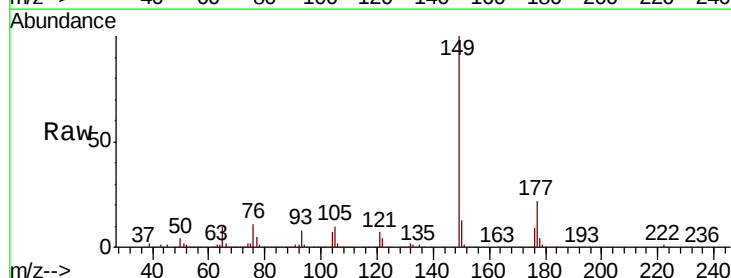
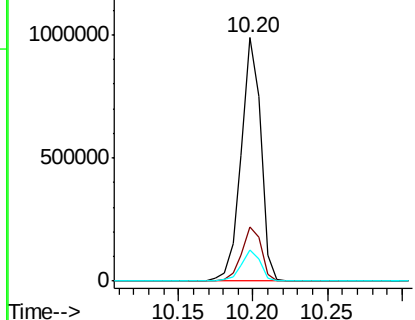
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

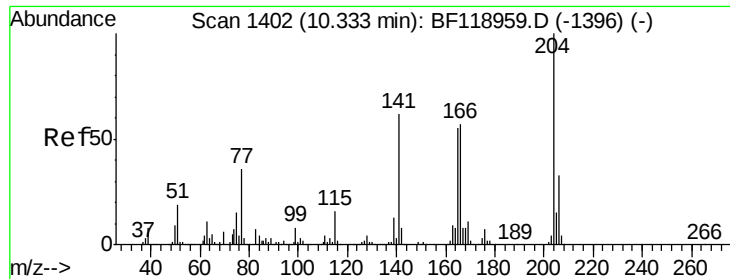


#60
 Diethylphthalate
 Concen: 45.232 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.2	27.2
150	12.9	10.5	15.7

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





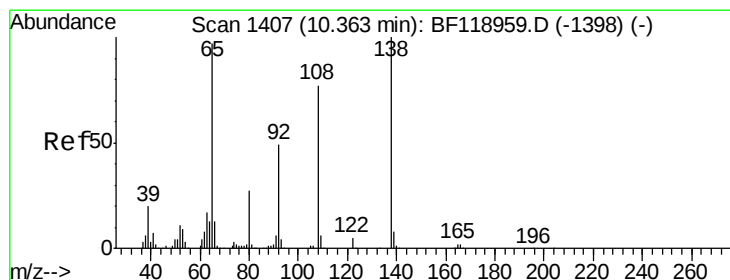
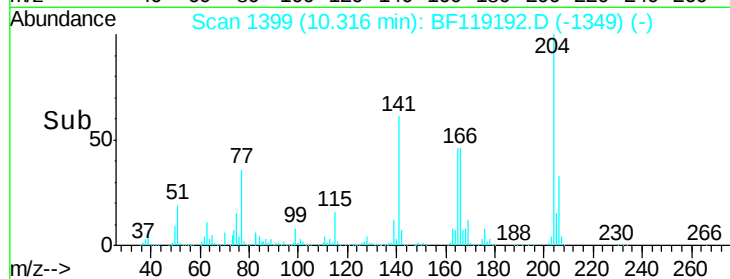
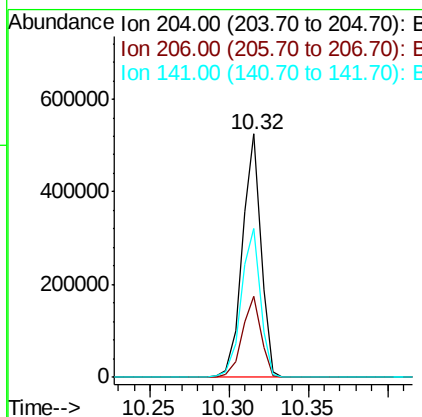
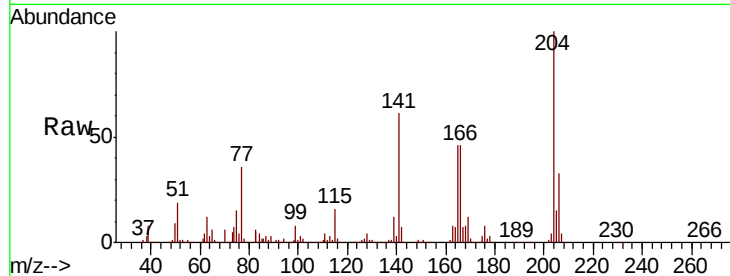
#61
4-Chlorophenyl-phenylether
Concen: 44.135 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.1	40.7
141	61.1	52.9	79.3

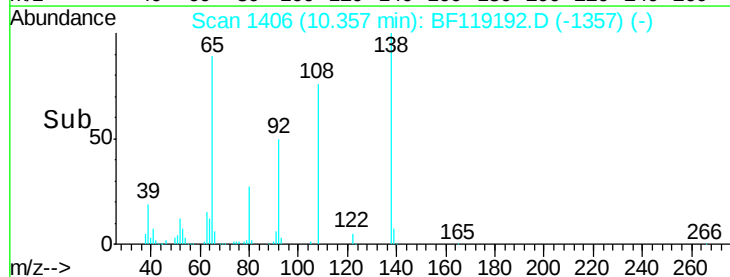
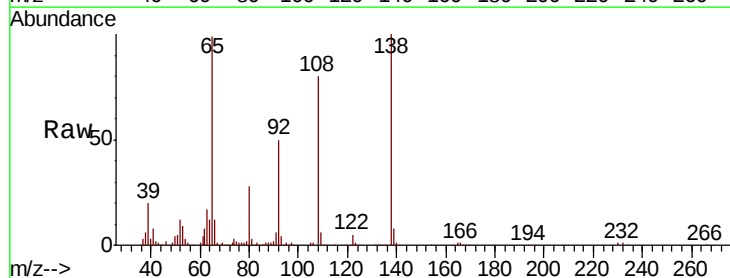
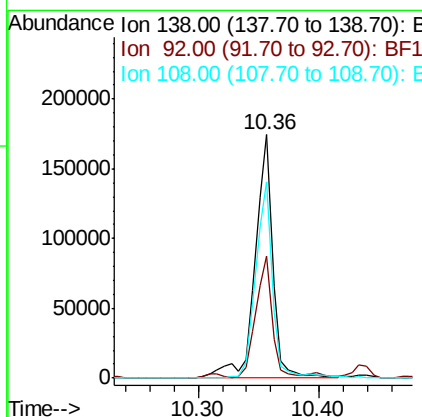
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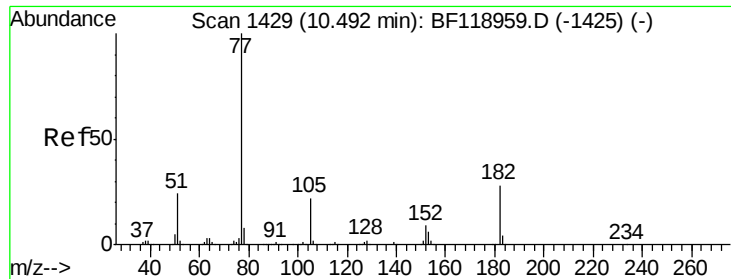
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#62
4-Nitroaniline
Concen: 33.801 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.1	27.3	67.3
108	80.5	57.0	97.0





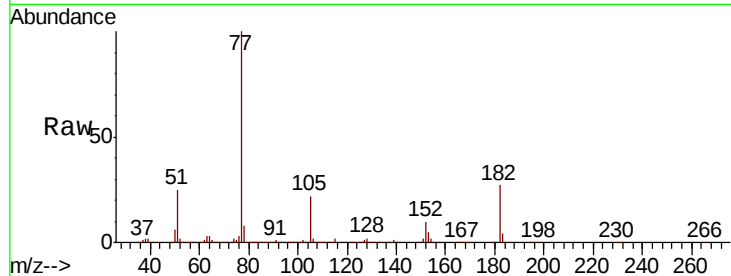
#63
Azobenzene
Concen: 45.023 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MS

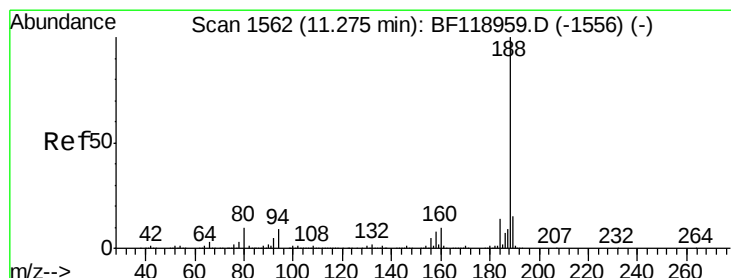
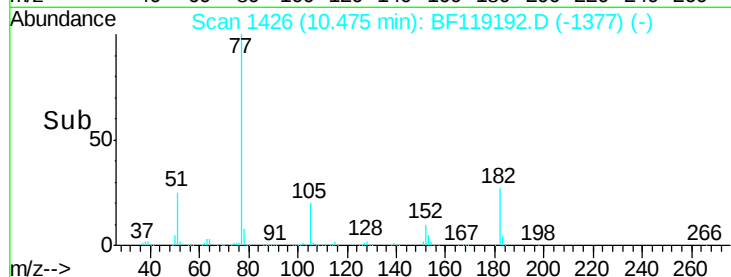
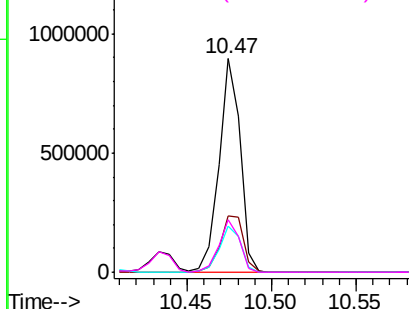
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.5	11.4	51.4	
105	21.6	3.4	43.4	
51	24.8	5.1	45.1	

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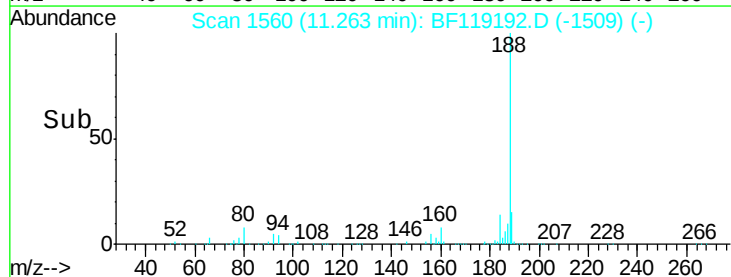
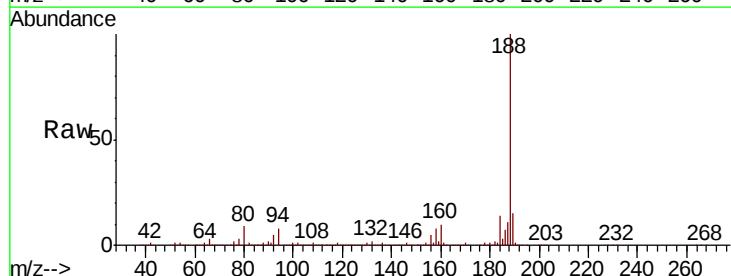
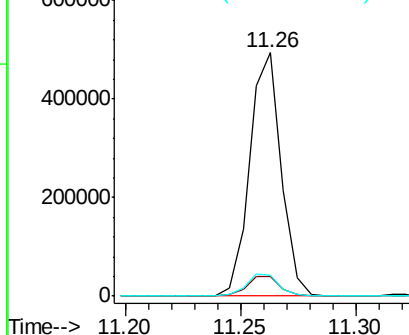
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

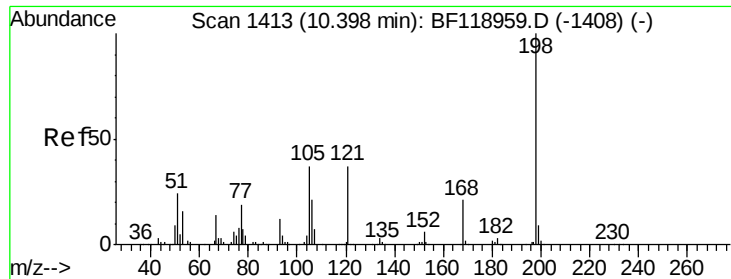


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.0	7.1	10.7	
80	8.7	7.8	11.8	

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





#65

4,6-Dinitro-2-methylphenol

Concen: 45.724 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

ClientSampleId :

TR-05-030220MS

Tot Ion:198 Resp: 130026

Ion Ratio Lower Upper

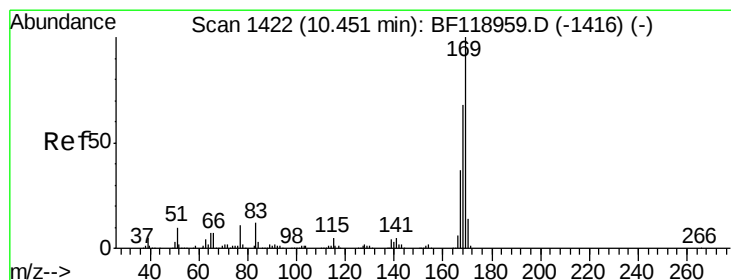
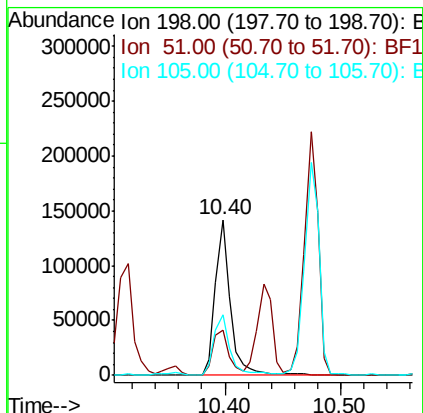
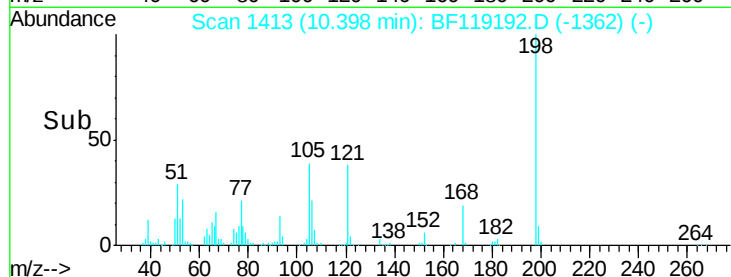
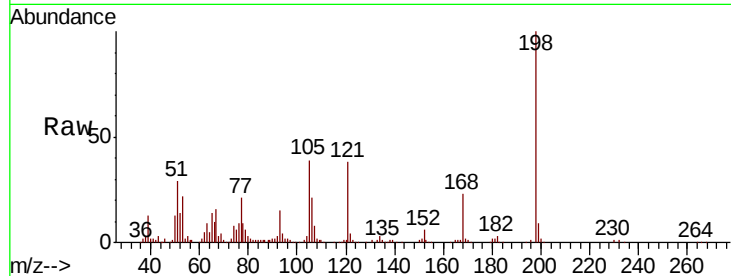
198 100

51 29.0 14.2 54.2

105 38.8 22.7 62.7

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#66

n-Nitrosodiphenylamine

Concen: 48.154 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

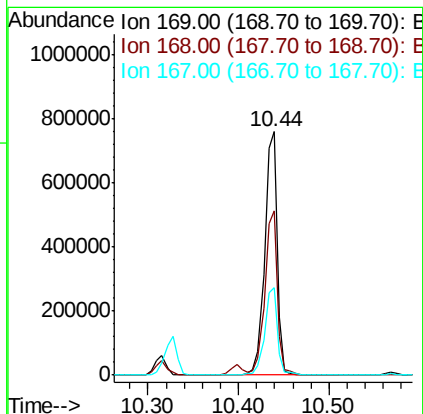
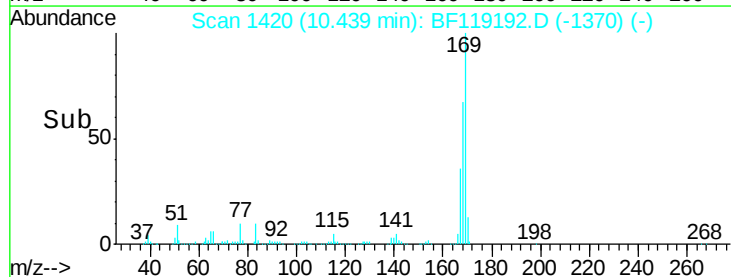
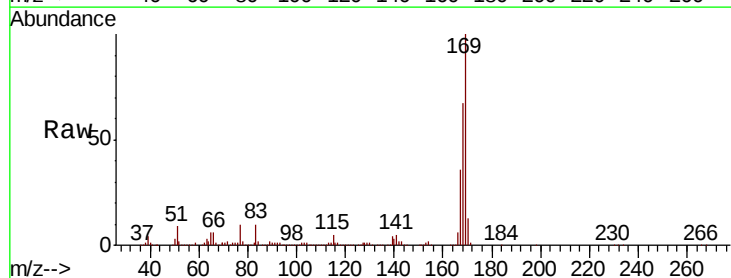
Tgt Ion:169 Resp: 740983

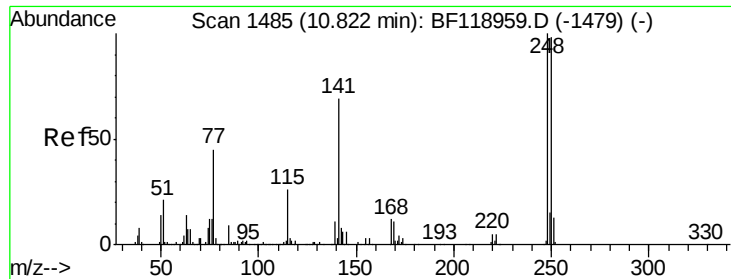
Ion Ratio Lower Upper

169 100

168 67.2 54.1 81.1

167 36.2 29.4 44.0





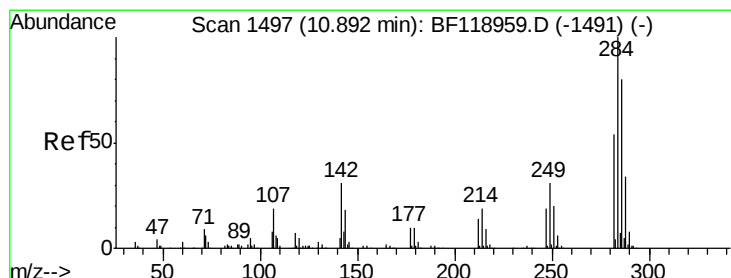
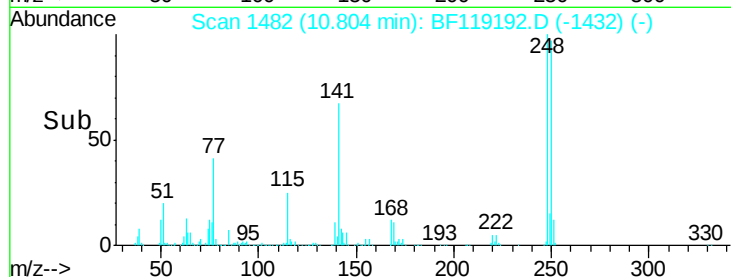
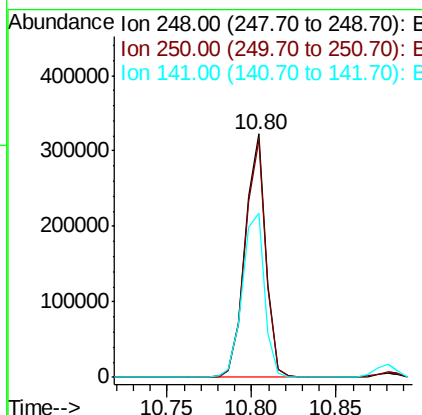
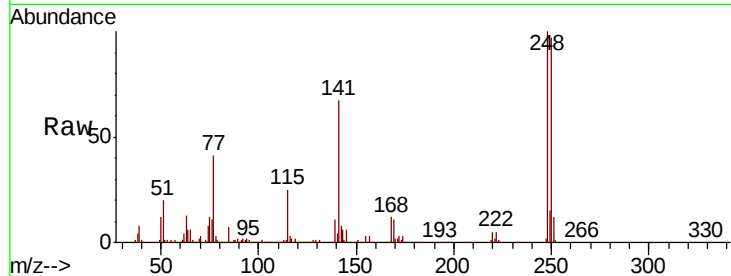
#67
4-Bromophenyl-phenylether
Concen: 45.029 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.7	115.1
141	67.3	60.7	91.1

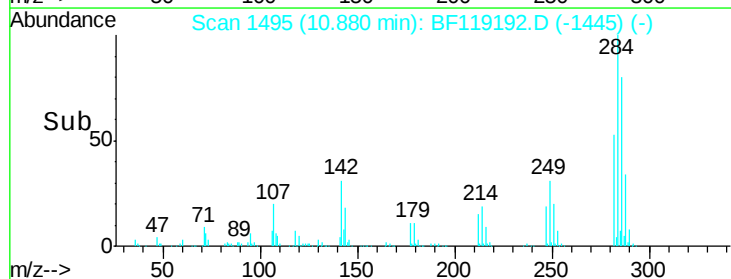
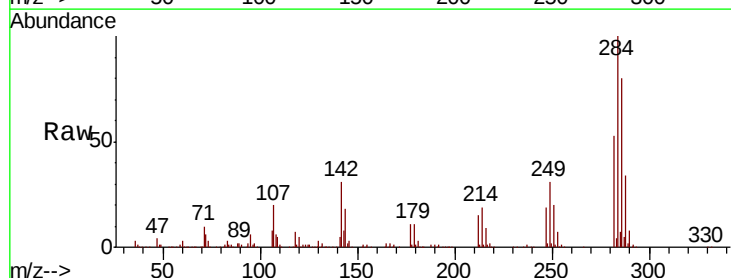
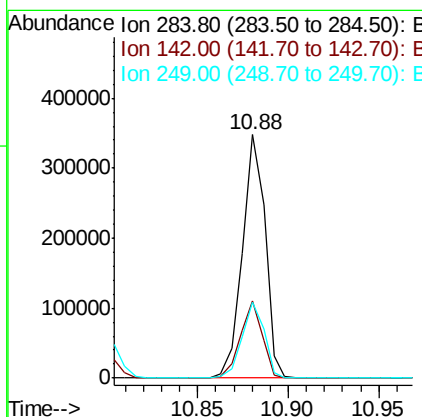
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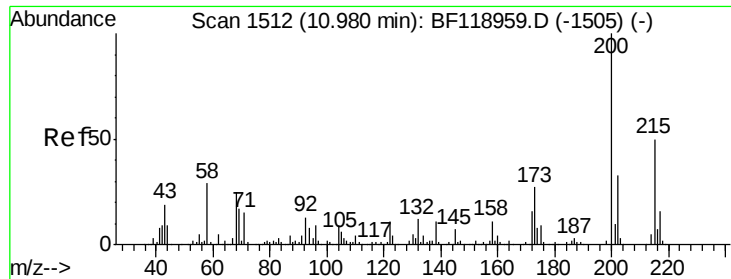
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#68
Hexachlorobenzene
Concen: 42.797 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	23.7	35.5
249	31.2	25.0	37.6





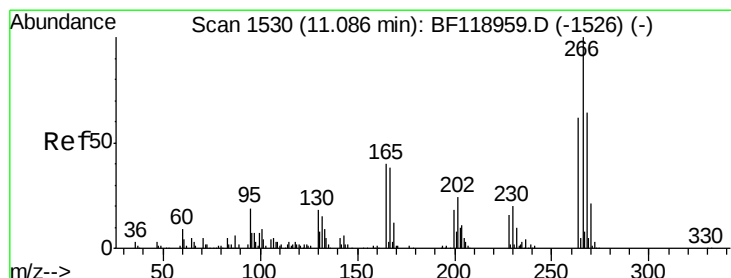
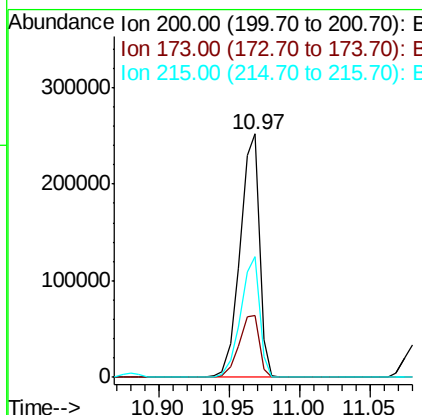
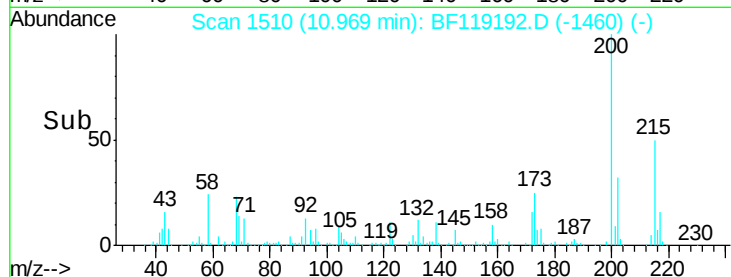
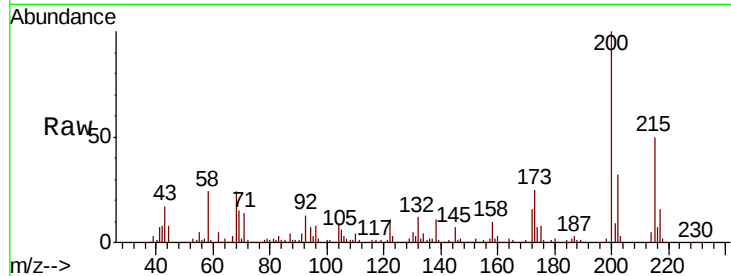
#69
Atrazine
Concen: 44.740 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	240541		
173	25.3	6.4	46.4	
215	49.7	27.4	67.4	

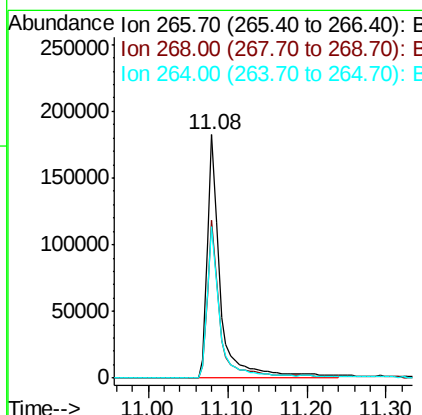
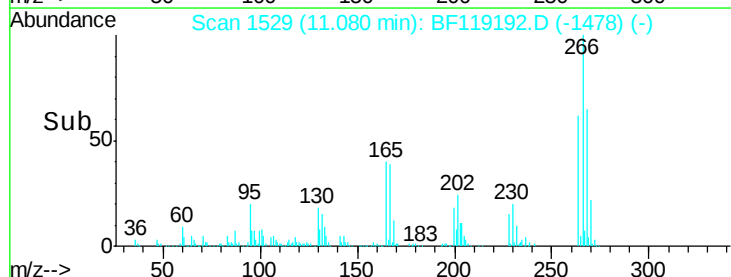
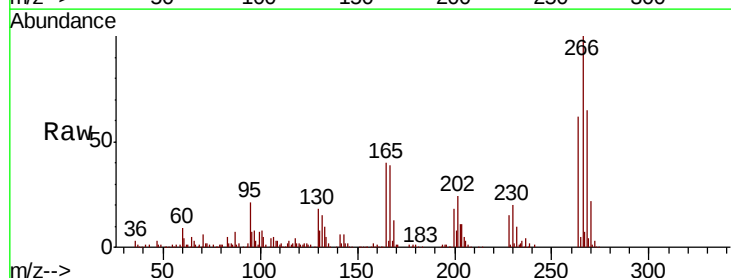
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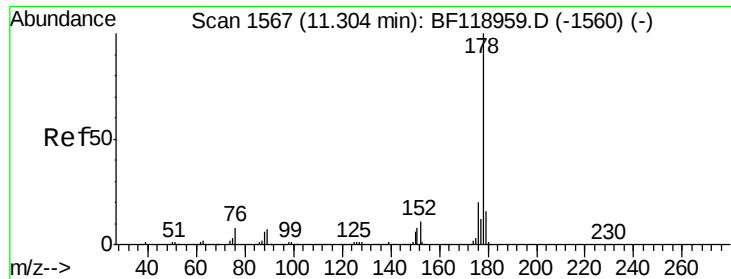
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#70
Pentachlorophenol
Concen: 75.340 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	214941		
268	64.9	51.9	77.9	
264	62.3	51.0	76.4	





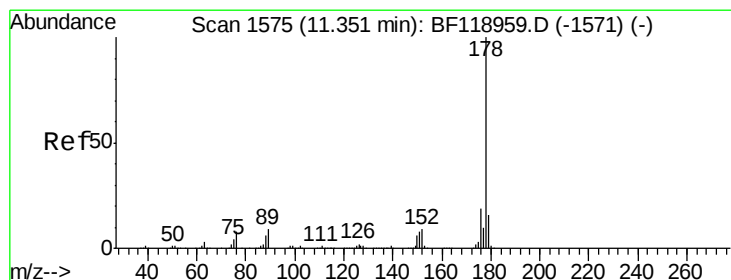
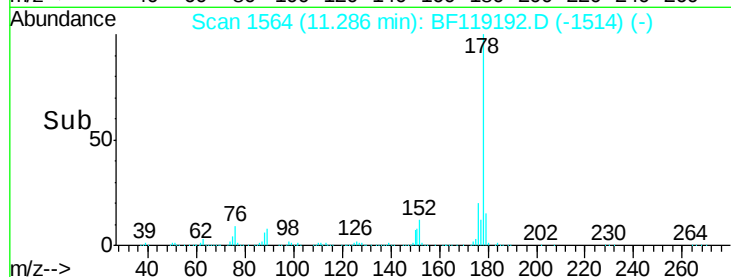
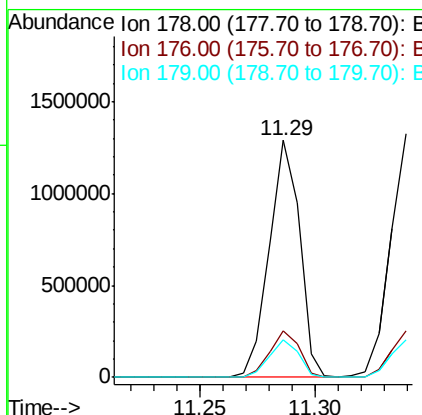
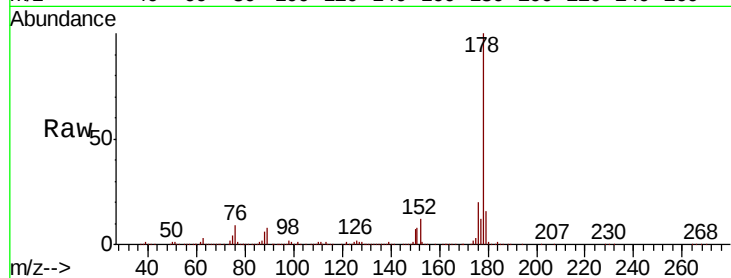
#71
Phenanthrene
Concen: 46.186 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MS

Tot Ion:178 Resp: 1183703
Ion Ratio Lower Upper
178 100
176 19.8 16.5 24.7
179 15.9 13.0 19.6

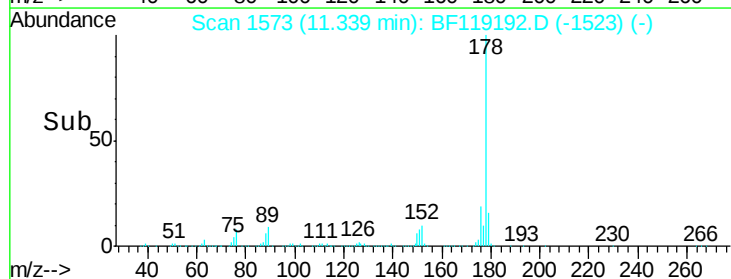
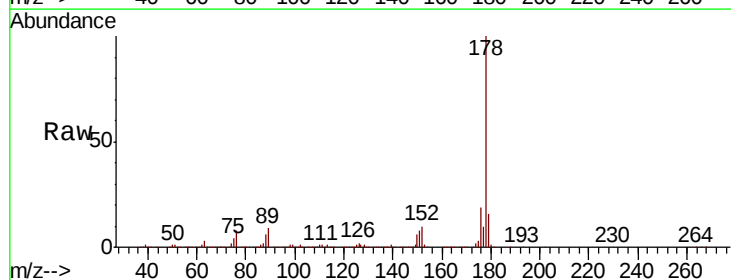
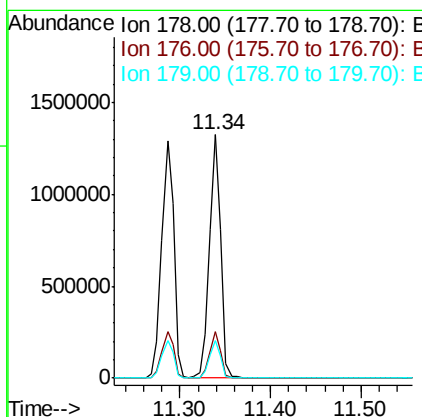
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#72
Anthracene
Concen: 46.082 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion:178 Resp: 1180045
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.6 13.1 19.7





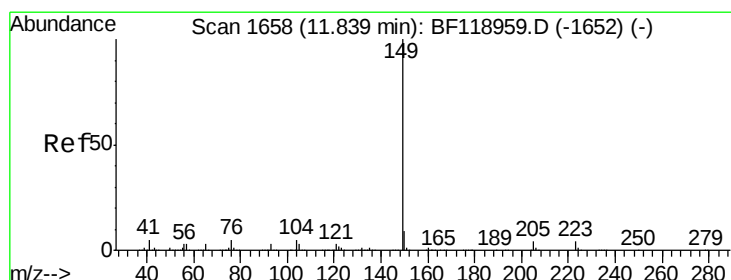
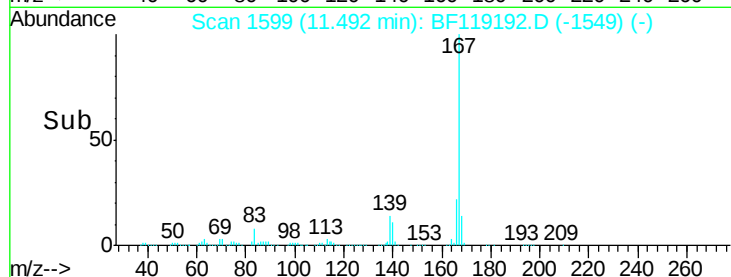
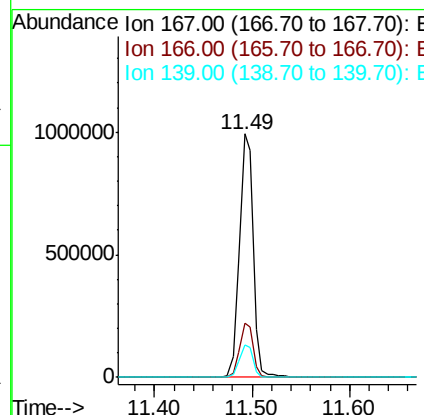
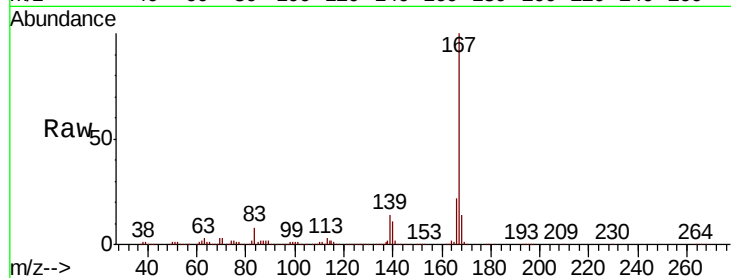
#73
 Carbazole
 Concen: 42.563 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-030220MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	13.6	11.7	17.5

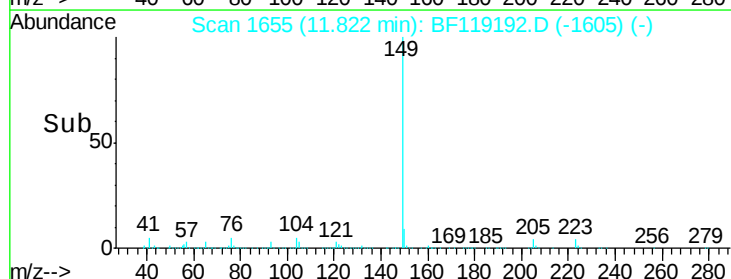
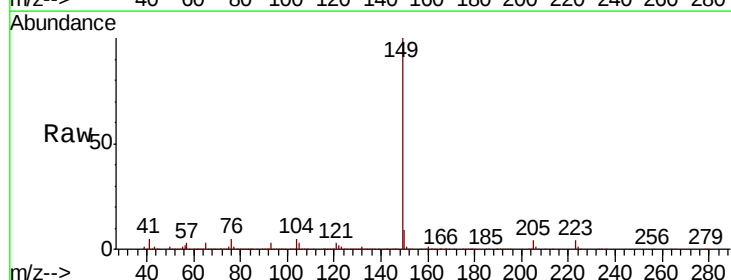
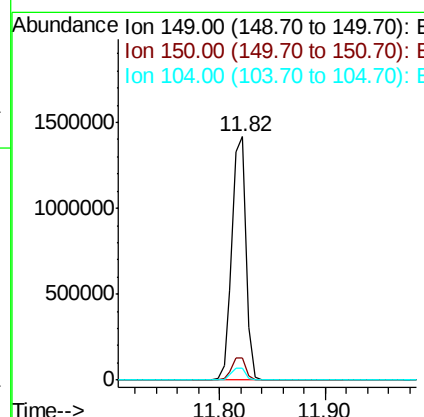
Manual Integrations
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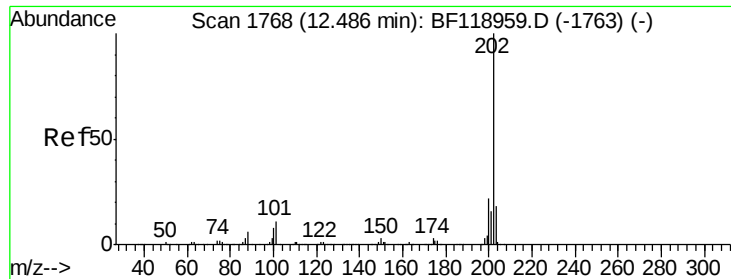
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#74
 Di-n-butylphthalate
 Concen: 47.375 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	4.9	4.6	6.8





#75

Fluoranthene

Concen: 42.354 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

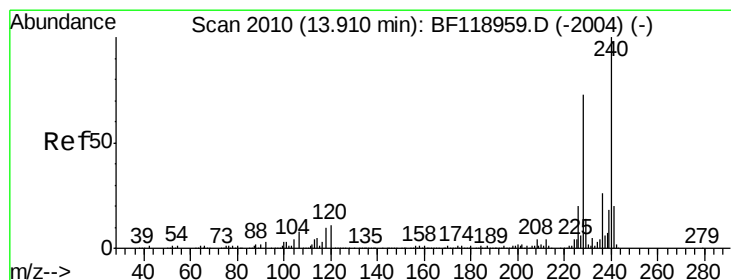
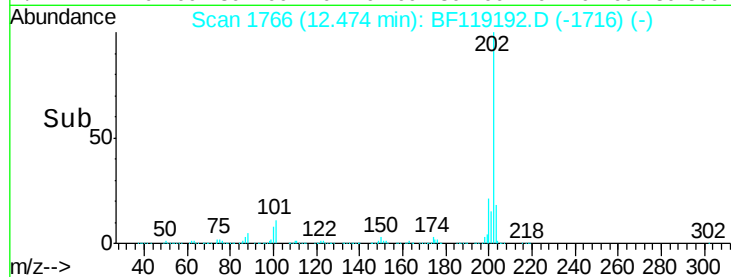
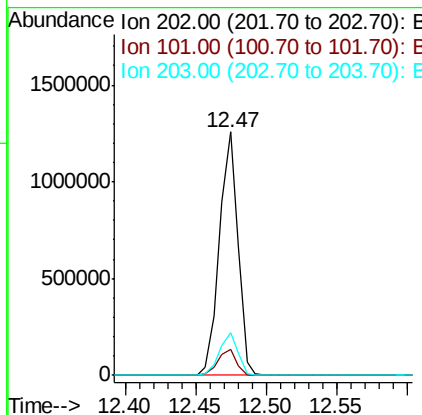
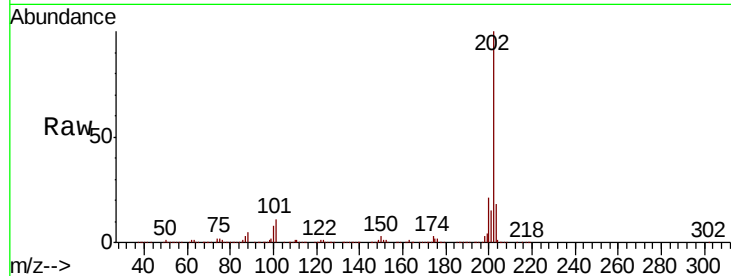
ClientSampleId :

TR-05-030220MS

Tot Ion:	202	Resp:	1152222
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.3
203	17.8	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

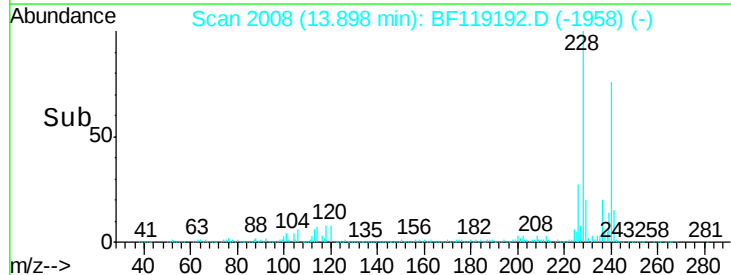
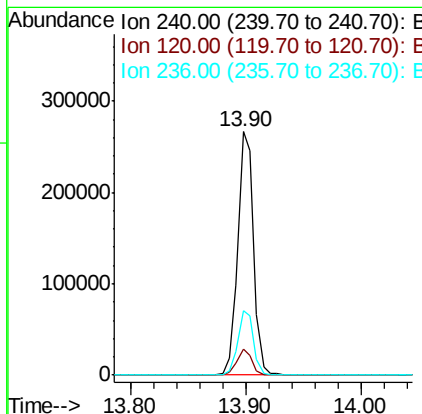
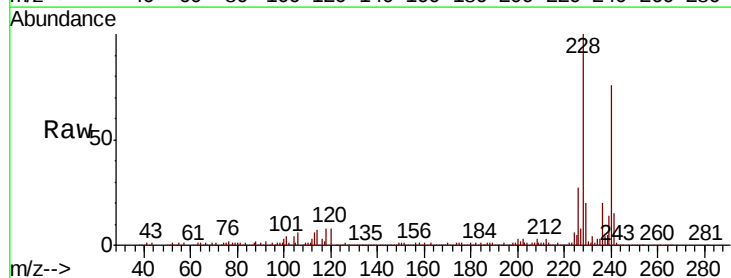
RT: 13.90 min Scan# 2008

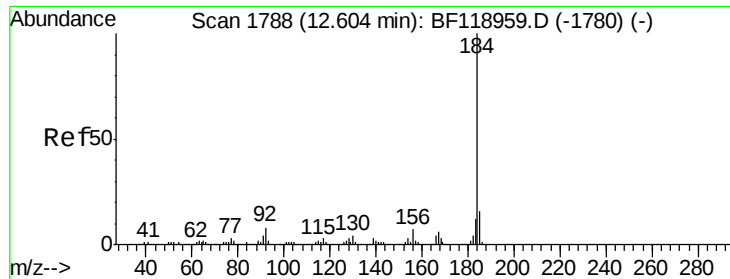
Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Tgt Ion:	240	Resp:	252992
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	26.4	21.0	31.4





#77

Benzidine

Concen: 44.321 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

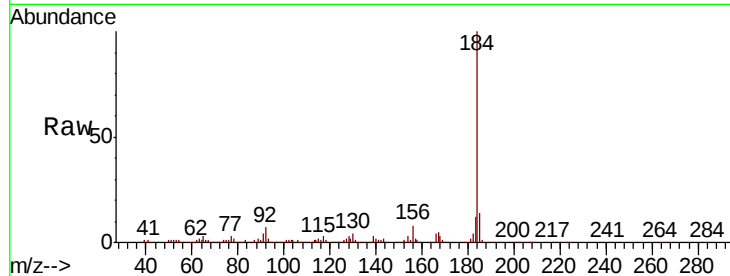
ClientSampleId :

TR-05-030220MS

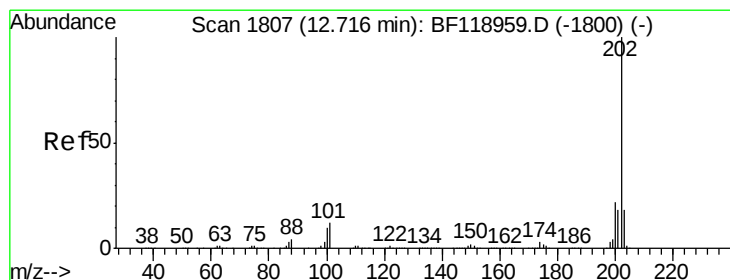
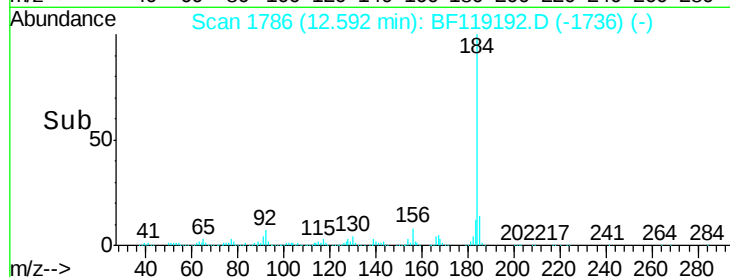
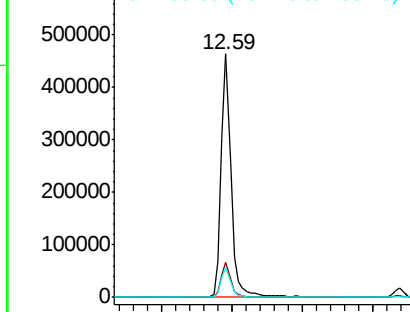
Tot Ion:	184	Resp:	456019
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.2	18.4
183	12.2	9.9	14.9

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



#78

Pyrene

Concen: 54.452 ng

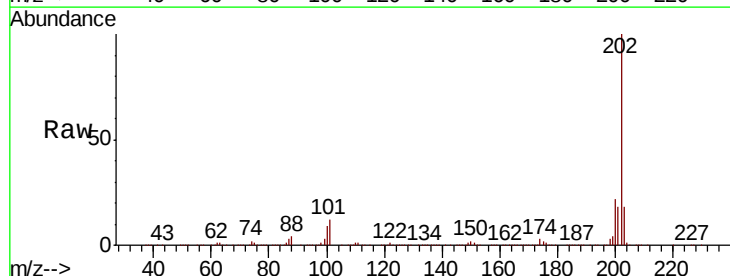
RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

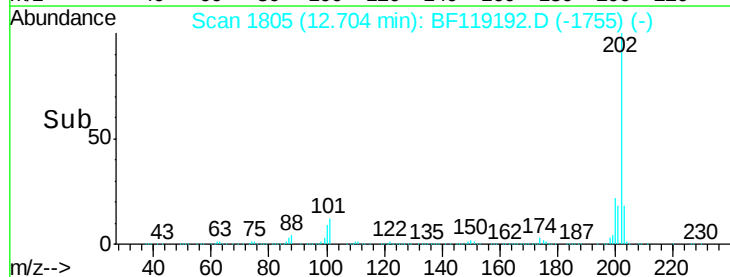
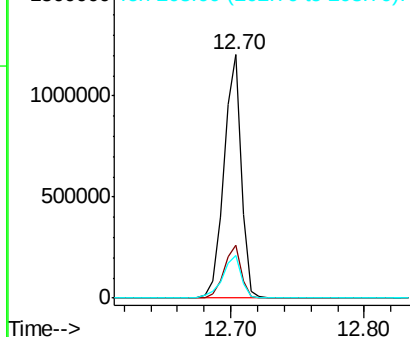
Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Tgt Ion:	202	Resp:	1106181
Ion Ratio	Lower	Upper	
202	100		
200	21.5	18.0	27.0
203	17.6	14.6	22.0



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





#79

Terphenyl-d14

Concen: 77.708 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

ClientSampleId :

TR-05-030220MS

Tot Ion:244 Resp: 1141885

Ion Ratio Lower Upper

244 100

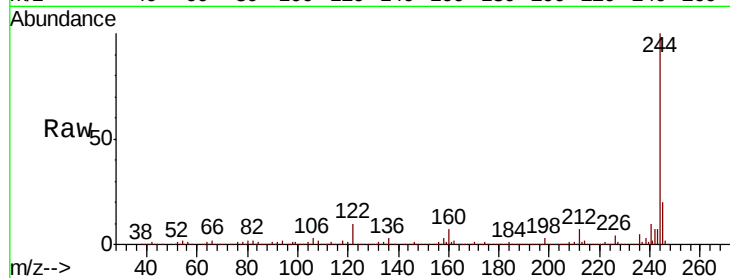
212 7.3 6.6 10.0

122 9.5 8.2 12.2

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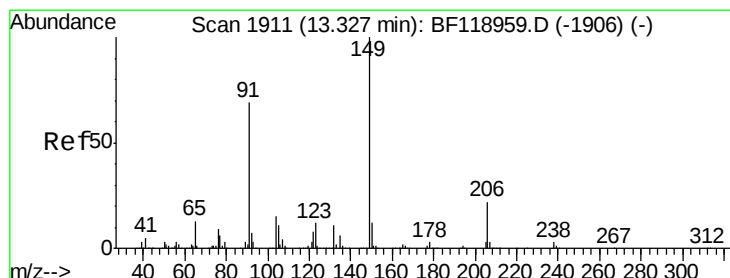
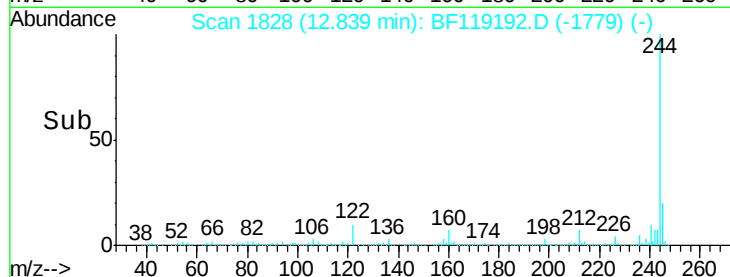
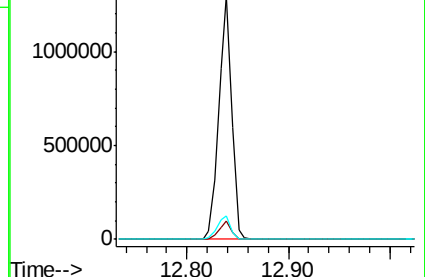
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 52.340 ng

RT: 13.31 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

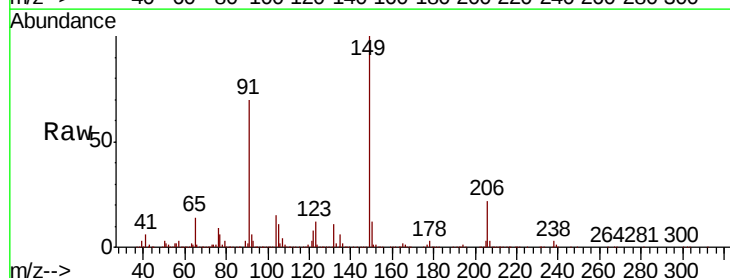
Tgt Ion:149 Resp: 447508

Ion Ratio Lower Upper

149 100

91 70.0 52.3 78.5

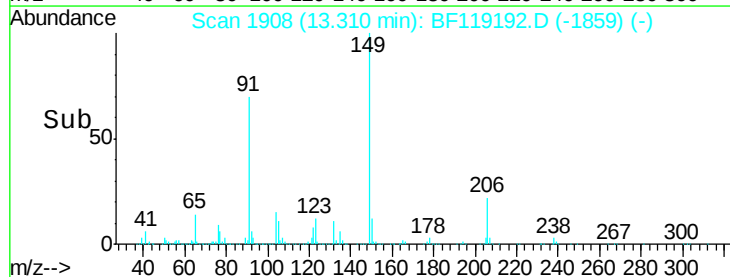
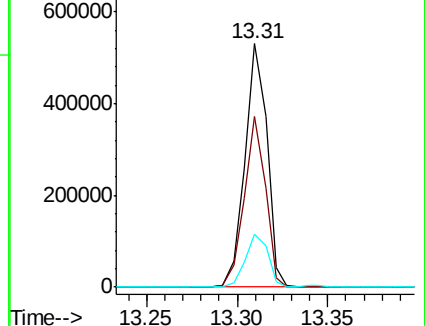
206 21.7 18.5 27.7

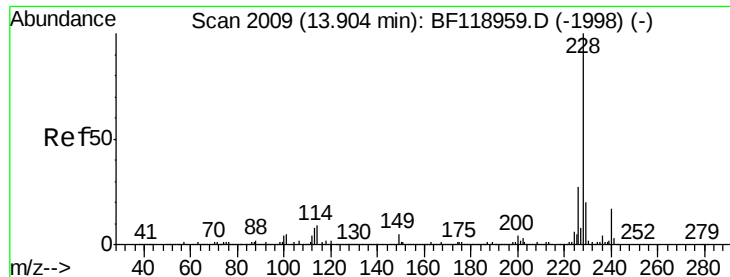


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.965 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

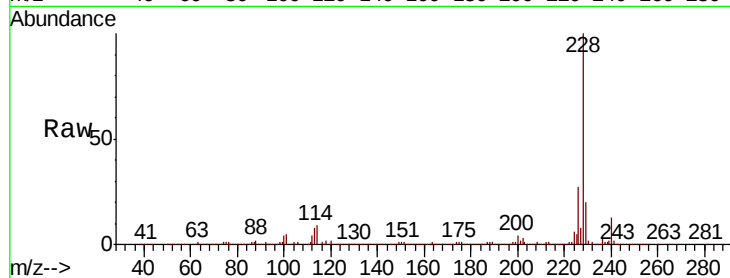
ClientSampleId :

TR-05-030220MS

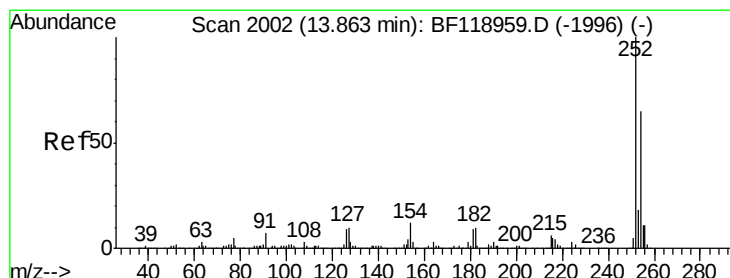
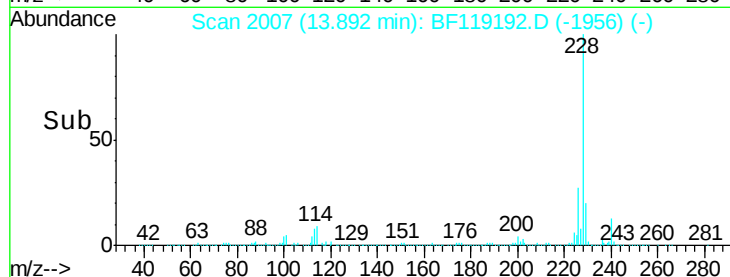
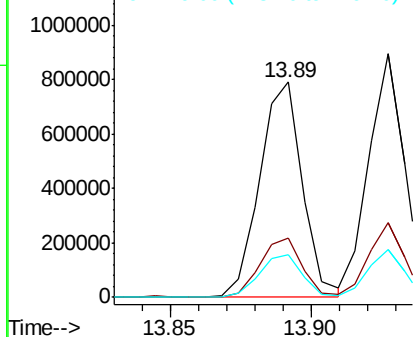
Tot Ion:	228	Resp:	826829
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.6	33.8
229	19.7	16.6	24.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.521 ng

RT: 13.84 min Scan# 1999

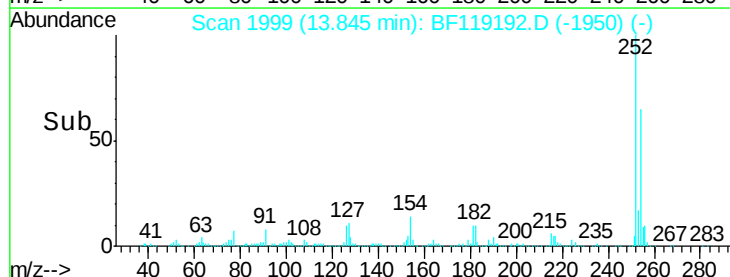
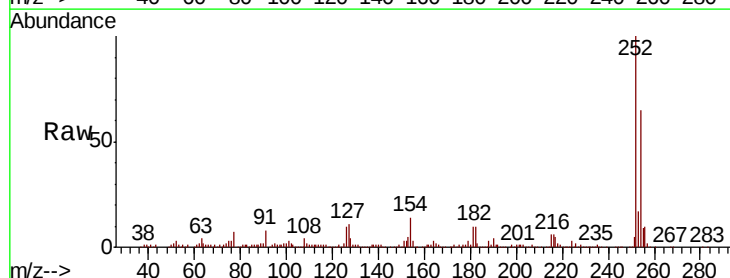
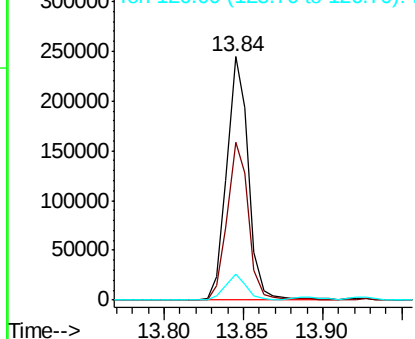
Delta R.T. -0.01 min

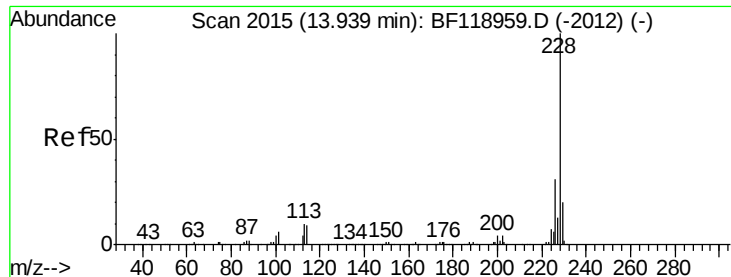
Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Tgt Ion:	252	Resp:	231069
Ion Ratio	Lower	Upper	
252	100		
254	64.8	51.6	77.4
126	10.4	7.4	11.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 45.560 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

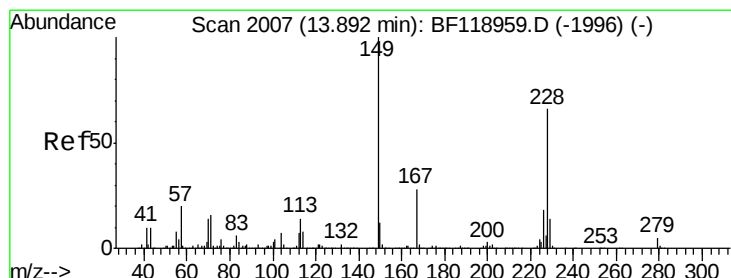
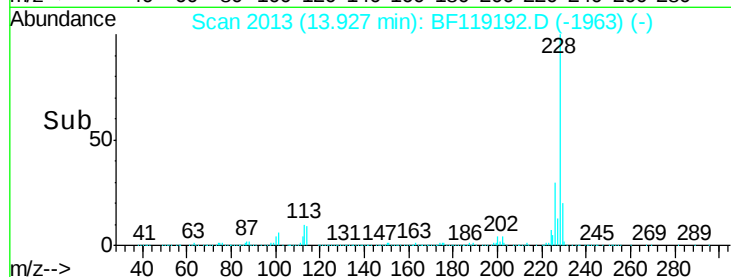
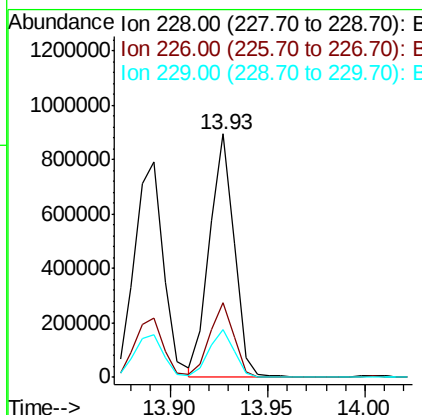
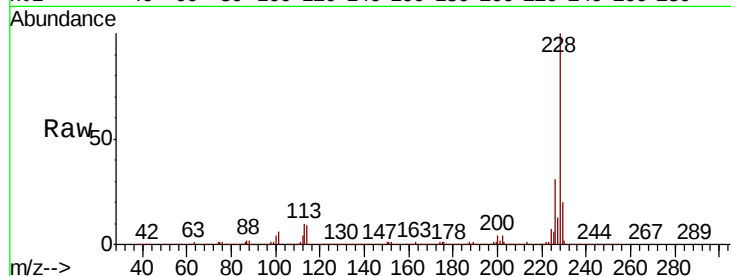
ClientSampleId :

TR-05-030220MS

Tot Ion:	228	Resp:	782541
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.1	37.7
229	19.8	16.3	24.5

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#84

Bis(2-ethylhexyl)phthalate

Concen: 56.188 ng

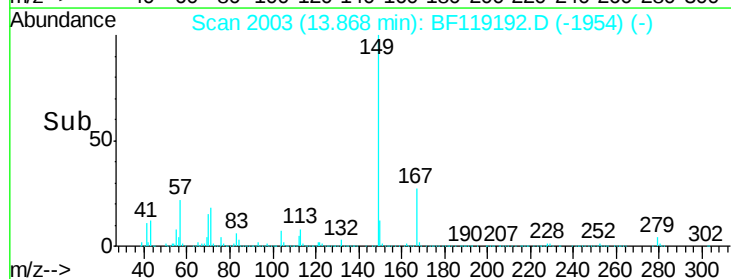
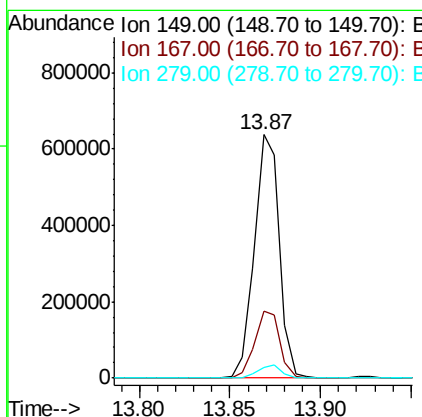
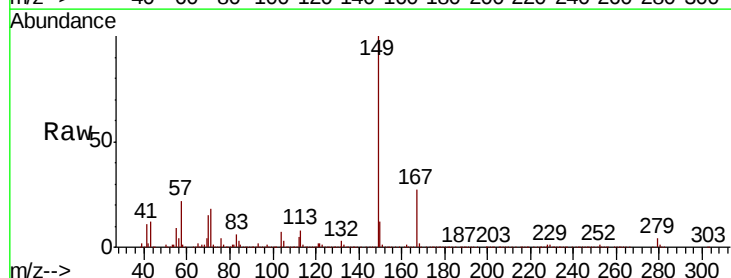
RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Tgt Ion:	149	Resp:	606921
Ion Ratio	Lower	Upper	
149	100		
167	27.5	22.8	34.2
279	4.4	4.6	6.8#





#85

Di-n-octyl phthalate

Concen: 53.472 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

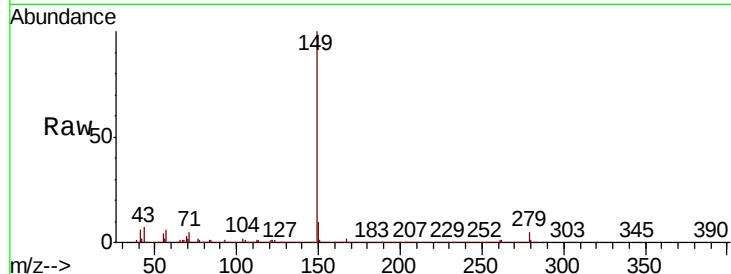
ClientSampleId :

TR-05-030220MS

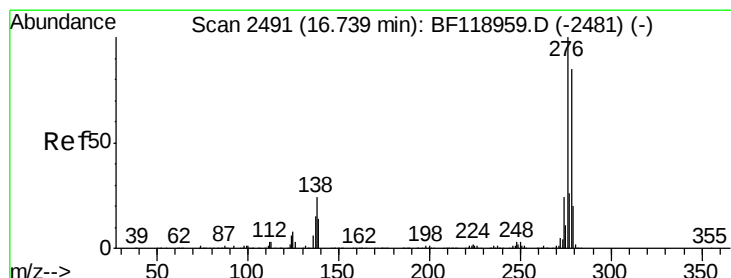
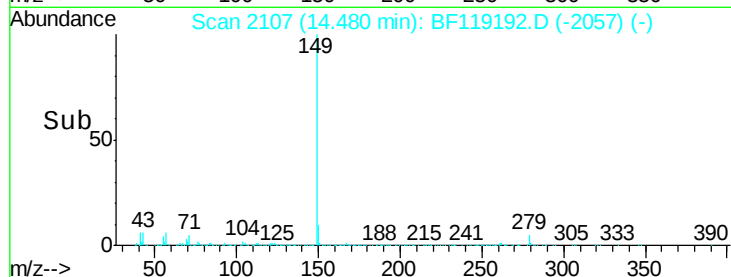
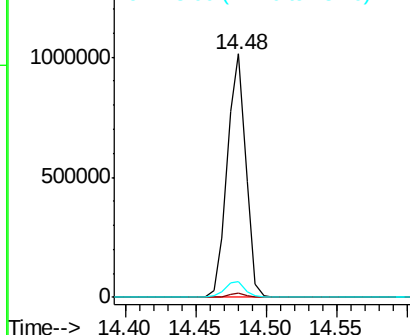
Tot Ion:	149	Resp:	920276
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	6.6	5.7	8.5

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 59.361 ng

RT: 16.76 min Scan# 2494

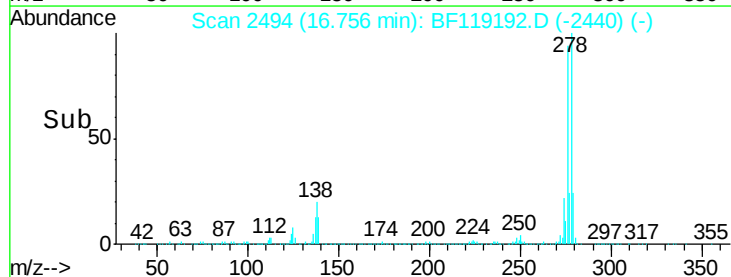
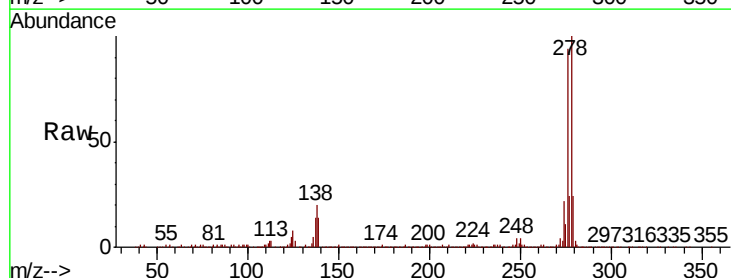
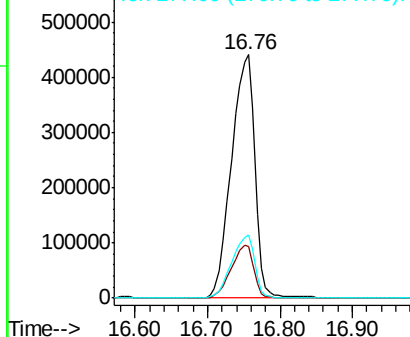
Delta R.T. 0.02 min

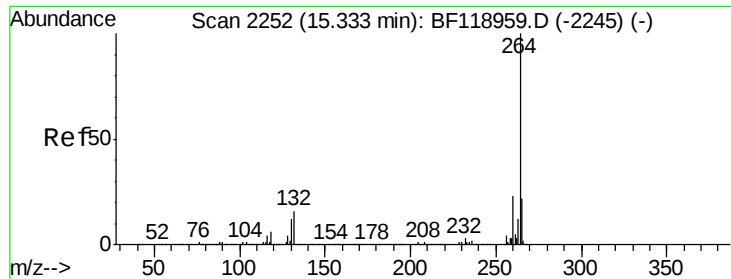
Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Tgt Ion:	276	Resp:	987252
Ion Ratio	Lower	Upper	
276	100		
138	20.9	17.4	26.0
277	25.5	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





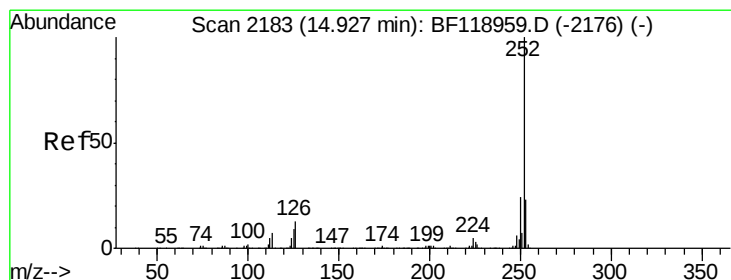
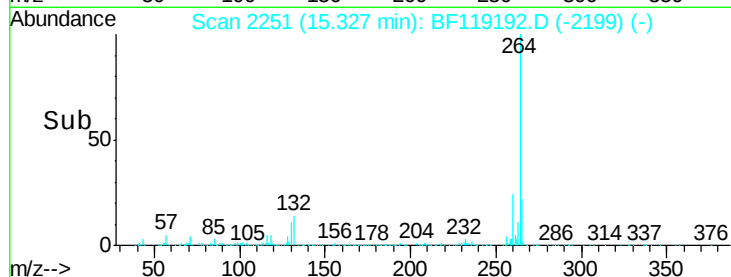
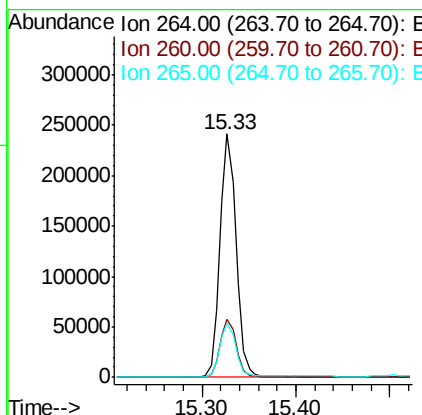
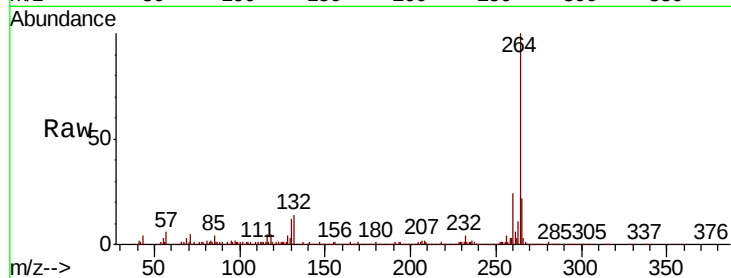
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.5	17.7	26.5

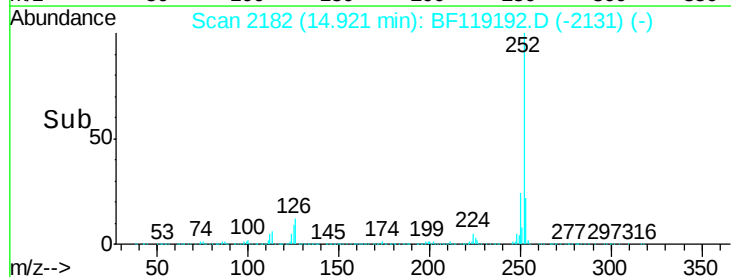
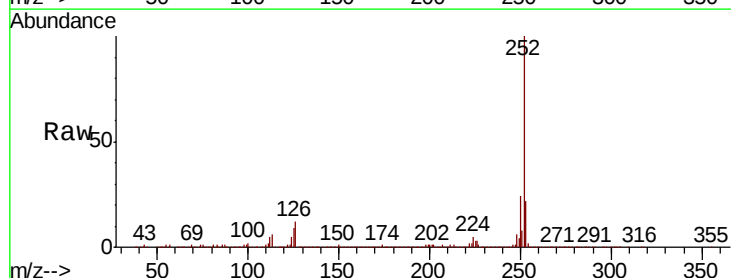
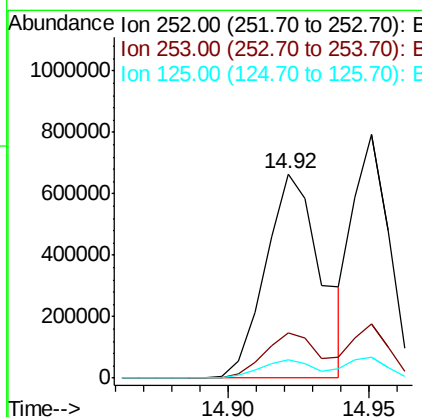
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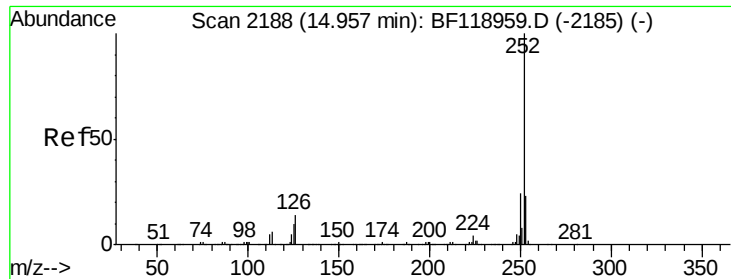
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#88
Benzo(b)fluoranthene
Concen: 47.572 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	9.2	7.4	11.0





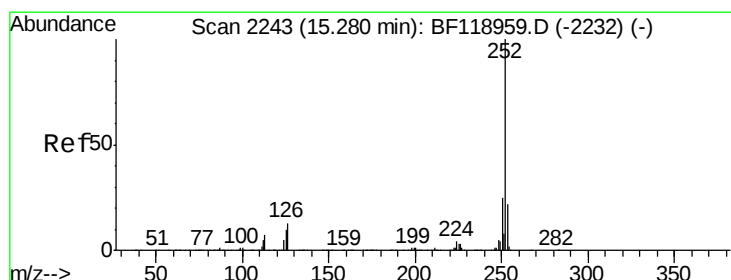
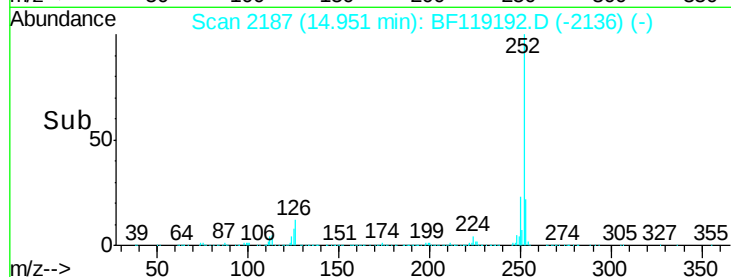
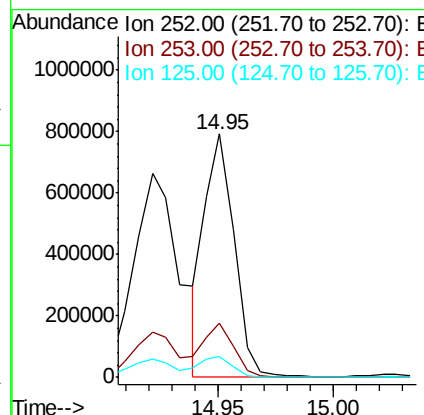
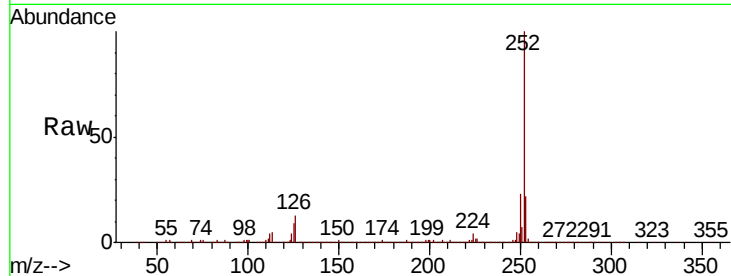
#89
Benzo(k)fluoranthene
Concen: 39.268 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	8.7	7.5	11.3

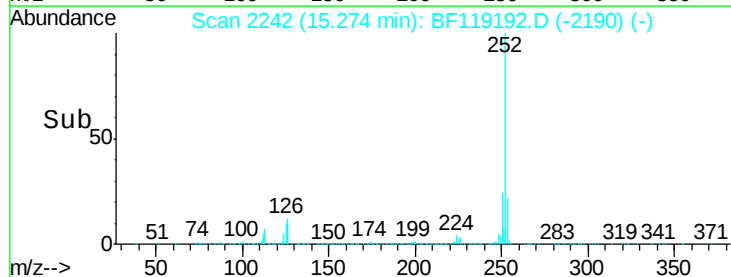
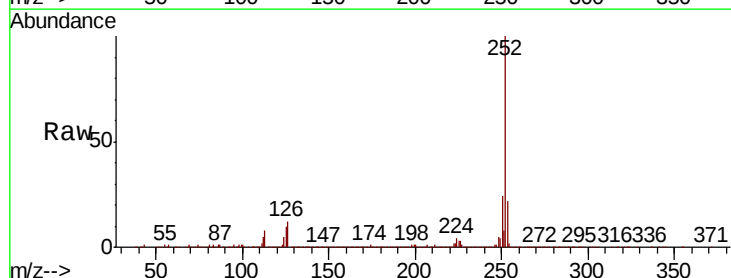
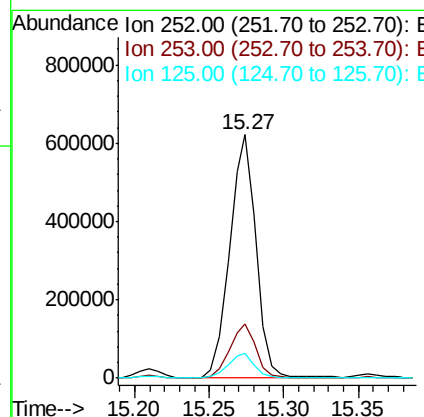
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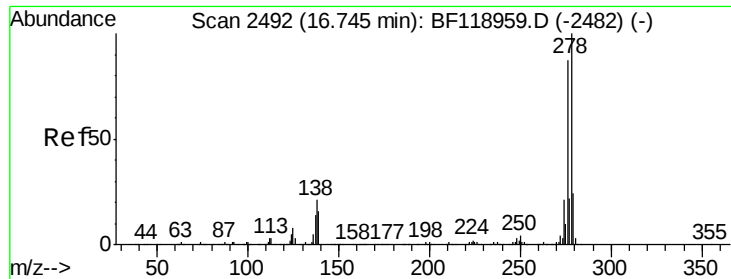
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#90
Benzo(a)pyrene
Concen: 44.385 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.1	8.6	12.8





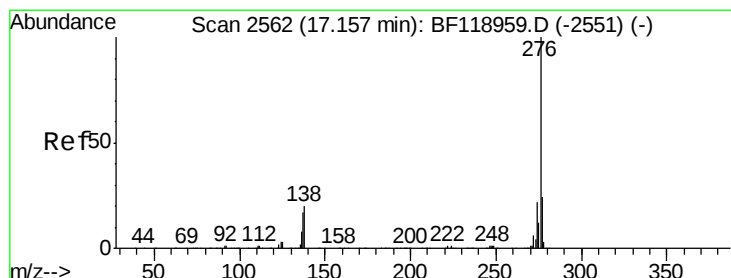
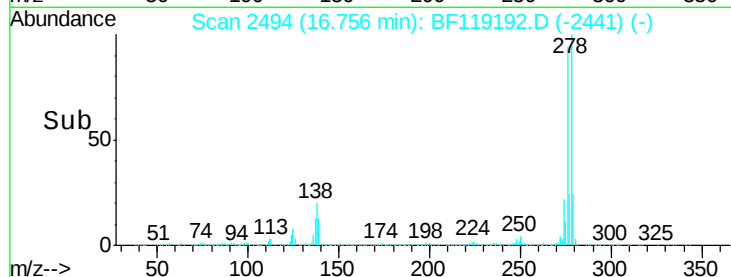
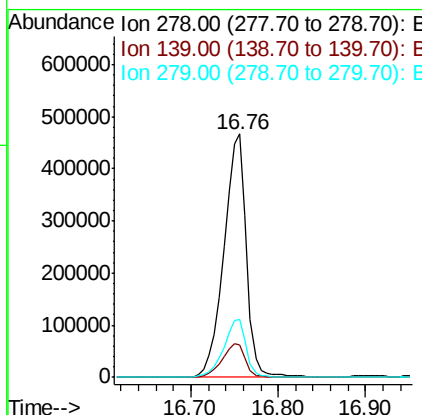
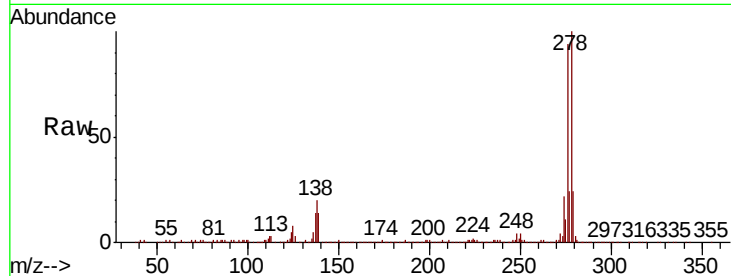
#91
Dibenzo(a,h)anthracene
Concen: 53.565 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :
TR-05-030220MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.0	16.4
279	23.8	18.6	28.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 54.700 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.02 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	18.7	14.3	21.5

