

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
 Data File : BF123068.D
 Acq On : 28 Jan 2021 19:43
 Operator : JU/CG
 Sample : M1255-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-3

Quant Time: Jan 28 23:42:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 28 00:48:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

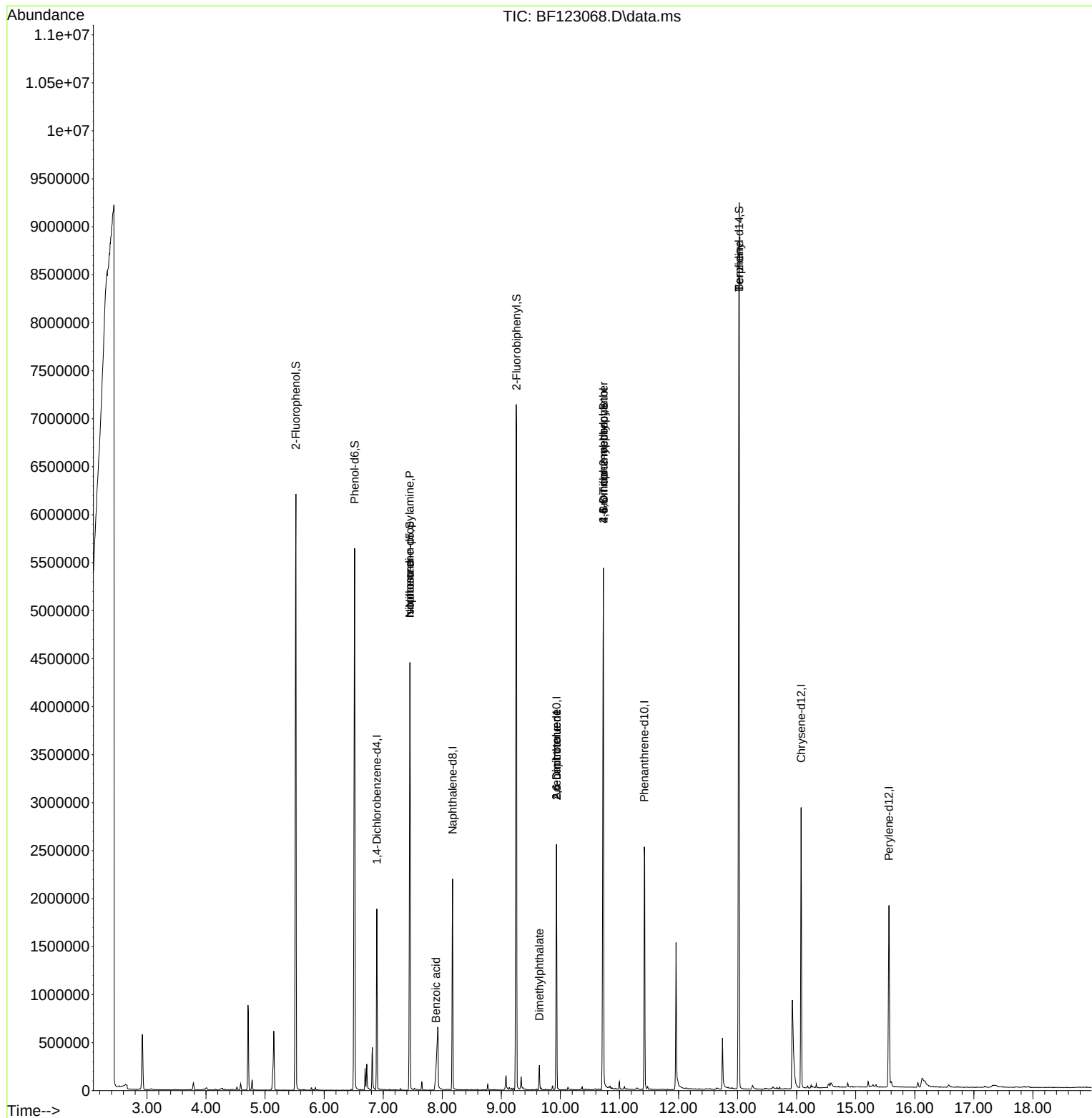
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	250071	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	971637	20.00	ng	0.00
39) Acenaphthene-d10	9.934	164	521219	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	989841	20.00	ng	#-0.01
76) Chrysene-d12	14.074	240	944783	20.00	ng	-0.01
86) Perylene-d12	15.563	264	844619	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1893227	116.78	ng	0.02
7) Phenol-d6	6.516	99	2280681	103.79	ng	0.00
23) Nitrobenzene-d5	7.451	82	1546348	80.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	775224	137.01	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2674575	76.28	ng	0.00
79) Terphenyl-d14	13.027	244	3375777	70.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	209681	15.87	ng	# 80
25) Isophorone	7.451	82	1543125	43.64	ng	# 65
32) Benzoic acid	7.892	122	3636	5.19	ng	97
50) Dimethylphthalate	9.645	163	103732	2.54	ng	99
51) 2,6-Dinitrotoluene	9.934	165	67371	7.73	ng	# 31
57) 2,4-Dinitrotoluene	9.934	165	67371	5.95	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.728	198	1725	5.26	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	51339	4.07	ng	# 1
77) Benzidine	13.027	184	45647	2.14	ng	# 93

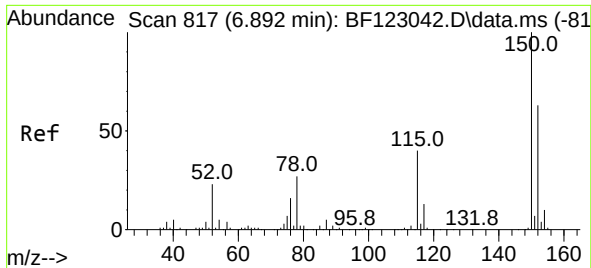
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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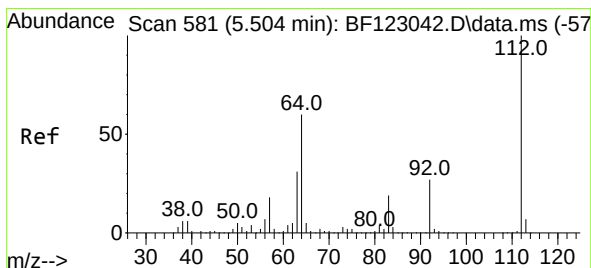
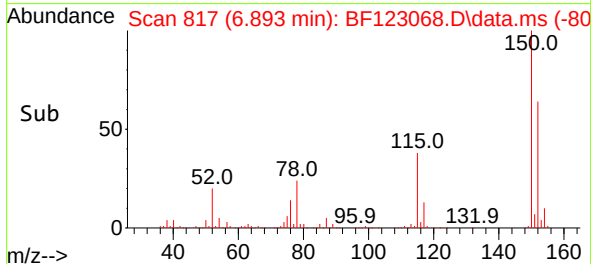
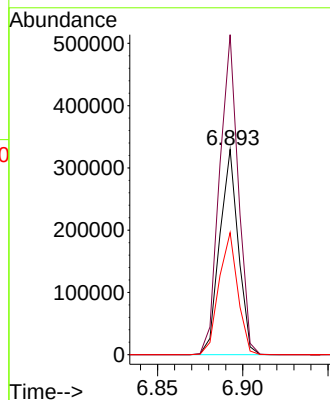
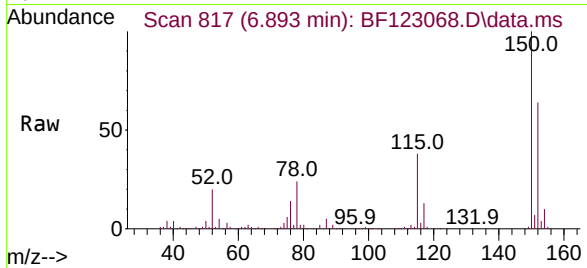




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.001 min
Lab File: BF123068.D
Acq: 28 Jan 2021 19:43

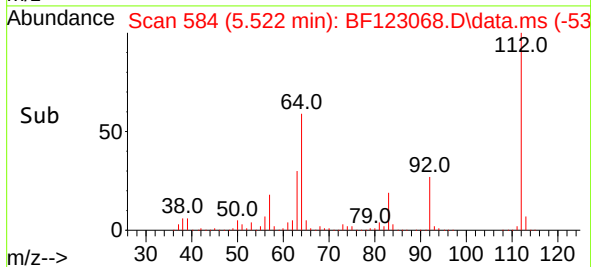
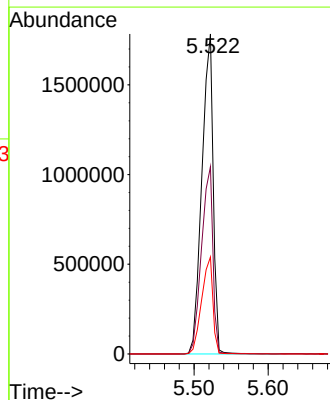
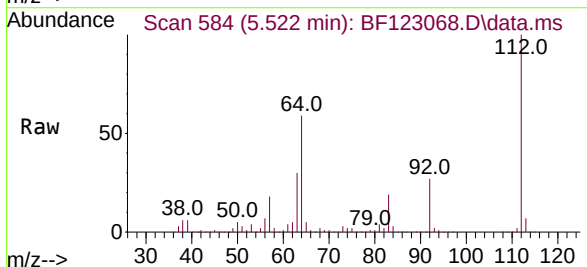
Instrument :
BNA_F
ClientSampled :
CRT-3

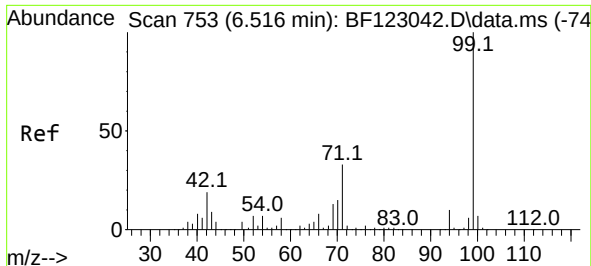
Tgt Ion:152 Resp: 250071
Ion Ratio Lower Upper
152 100
150 155.9 125.8 188.6
115 59.5 49.3 73.9



#5
2-Fluorophenol
Concen: 116.78 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.018 min
Lab File: BF123068.D
Acq: 28 Jan 2021 19:43

Tgt Ion:112 Resp: 1893227
Ion Ratio Lower Upper
112 100
64 58.5 46.9 70.3
63 30.3 24.5 36.7



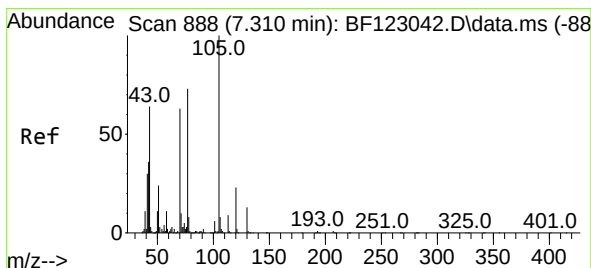
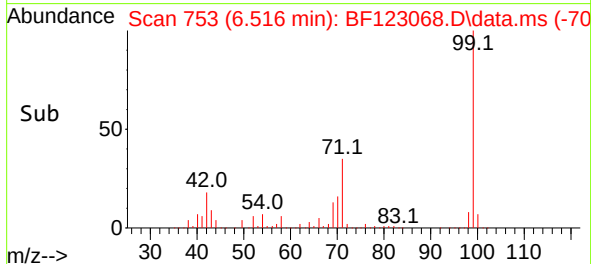
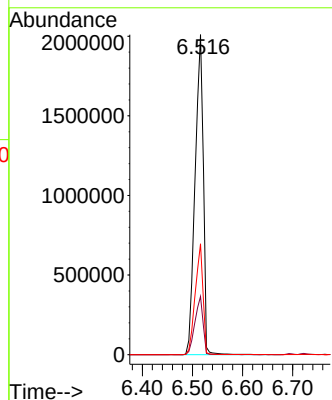
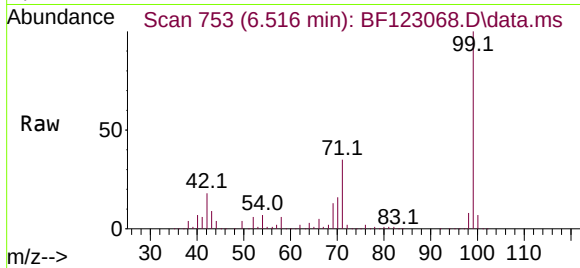


#7
Phenol-d6
Concen: 103.79 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF123068.D
Acq: 28 Jan 2021 19:43

Instrument :
BNA_F
ClientSampleId :
CRT-3

Tgt Ion: 99 Resp: 2280681

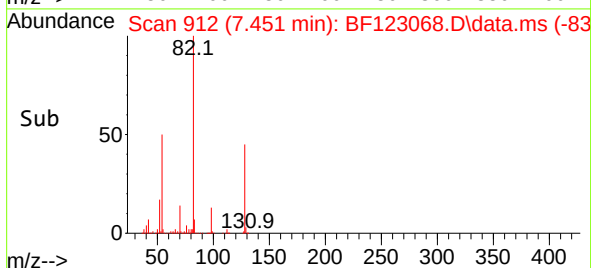
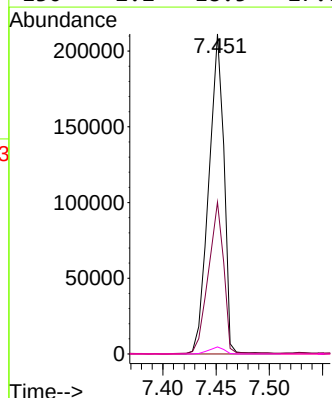
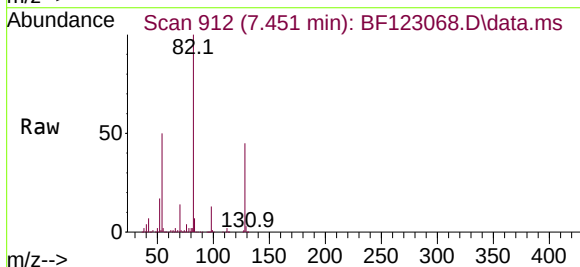
Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.8	20.6
71	34.7	26.9	40.3

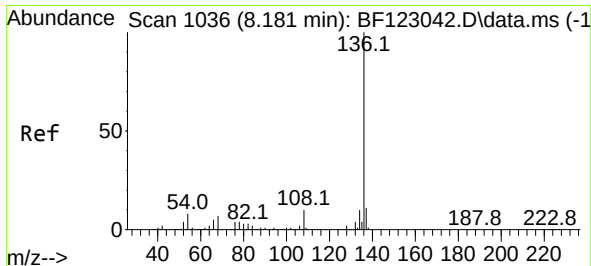


#19
n-Nitroso-di-n-propylamine
Concen: 15.87 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123068.D
Acq: 28 Jan 2021 19:43

Tgt Ion: 70 Resp: 209681

Ion	Ratio	Lower	Upper
70	100		
42	47.4	43.0	64.4
101	0.0	7.9	11.9#
130	2.2	18.5	27.7#

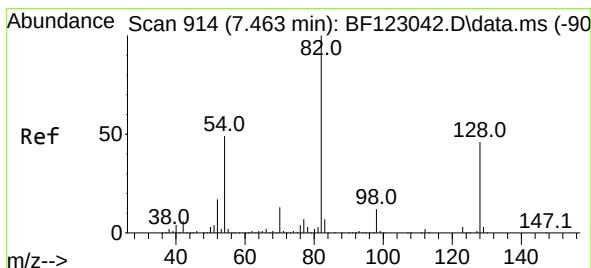
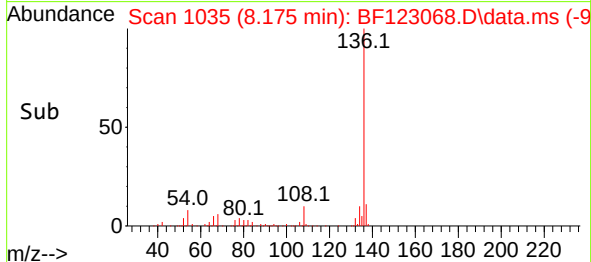
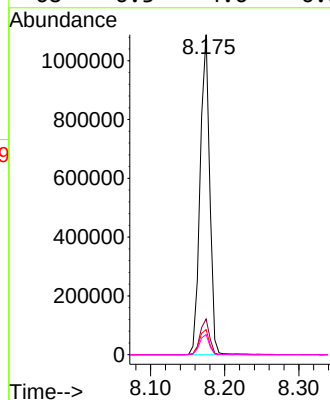
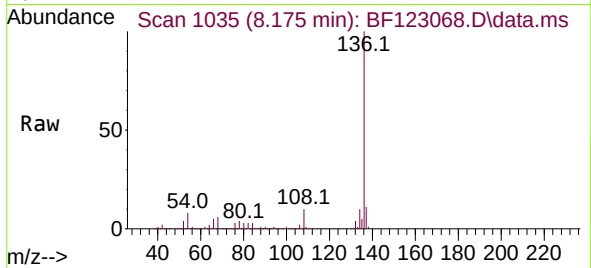




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123068.D
Acq: 28 Jan 2021 19:43

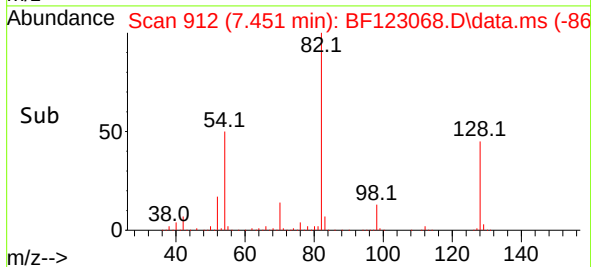
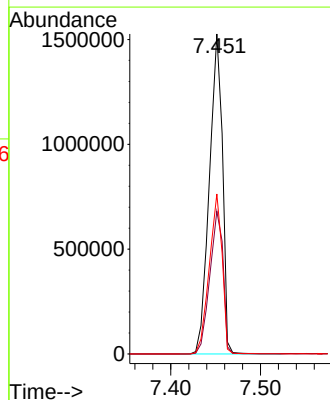
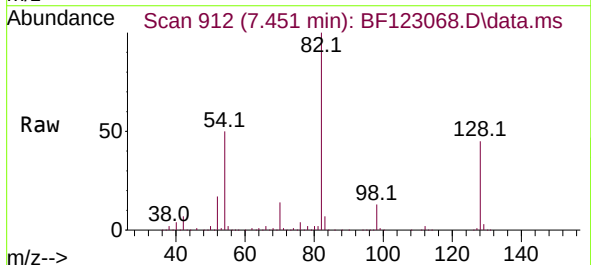
Instrument :
BNA_F
ClientSampleId :
CRT-3

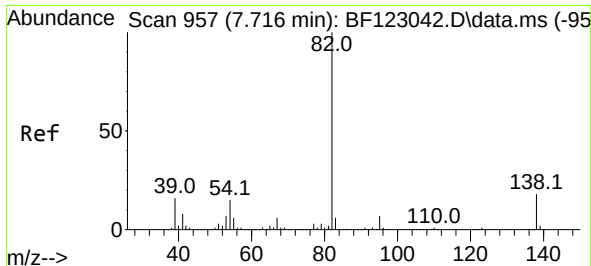
Tgt Ion:	136	Resp:	971637
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.9	5.5	8.3
68	6.3	4.6	6.8



#23
Nitrobenzene-d5
Concen: 80.09 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123068.D
Acq: 28 Jan 2021 19:43

Tgt Ion:	82	Resp:	1546348
Ion	Ratio	Lower	Upper
82	100		
128	44.6	37.0	55.4
54	50.0	38.4	57.6

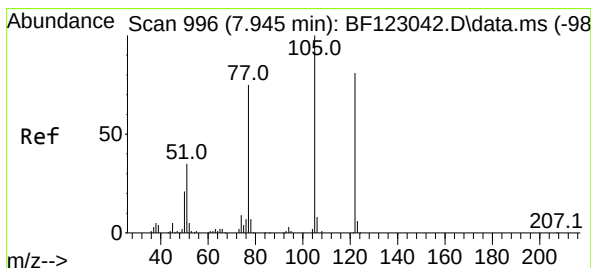
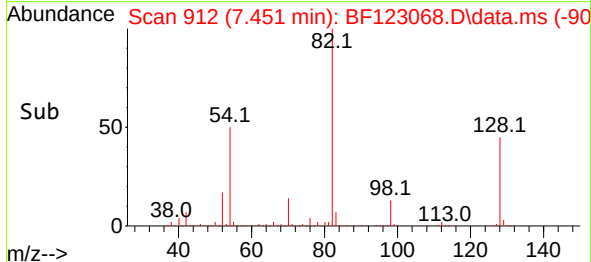
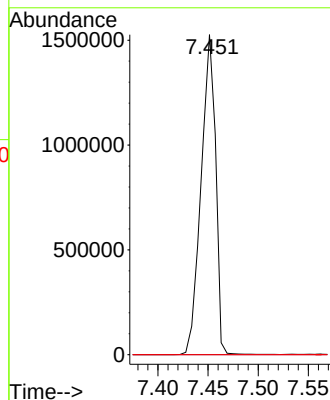
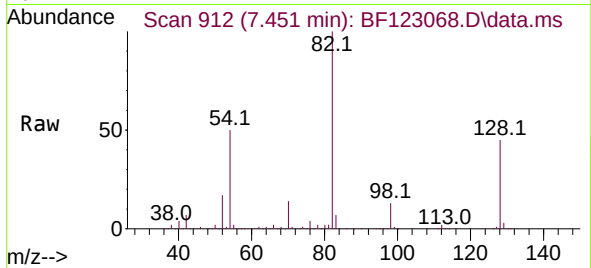




#25
Isophorone
Concen: 43.64 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123068.D
Acq: 28 Jan 2021 19:43

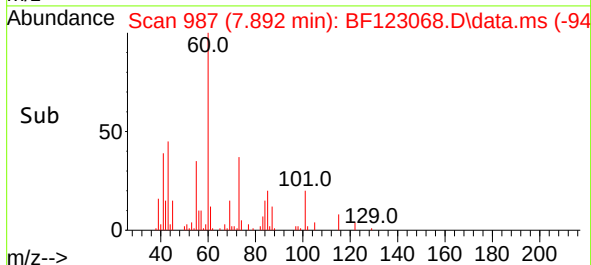
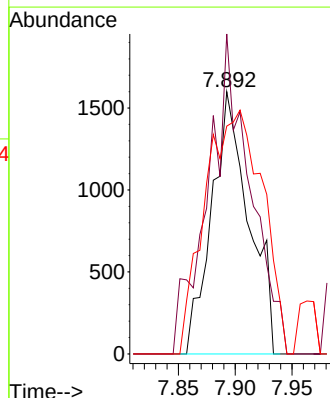
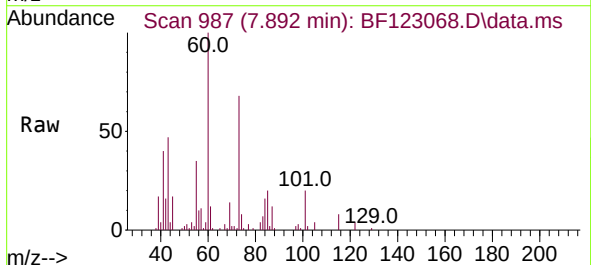
Instrument :
BNA_F
ClientSampleId :
CRT-3

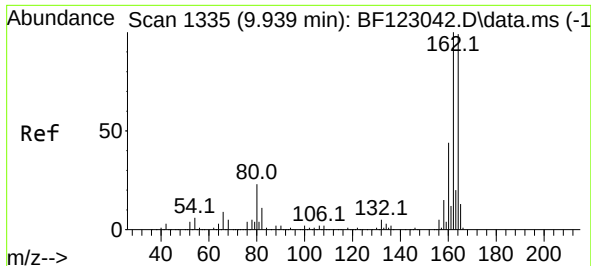
Tgt Ion: 82 Resp: 1543125
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 5.19 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.053 min
Lab File: BF123068.D
Acq: 28 Jan 2021 19:43

Tgt Ion: 122 Resp: 3636
Ion Ratio Lower Upper
122 100
105 122.0 104.8 144.8
77 86.9 71.0 111.0

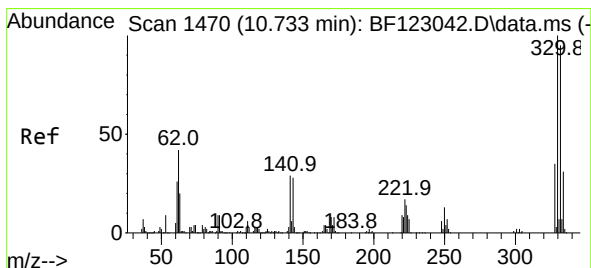
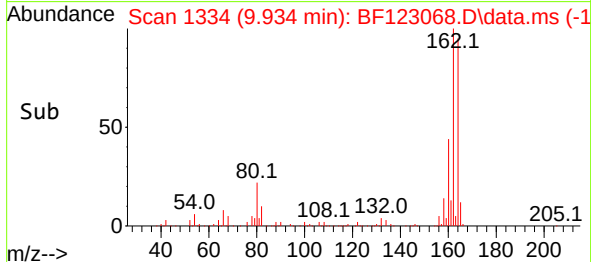
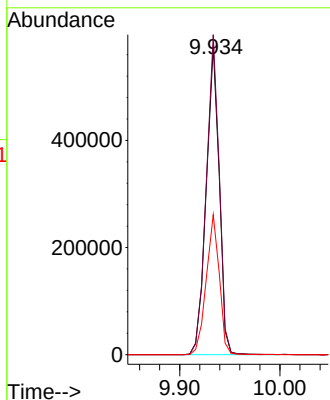
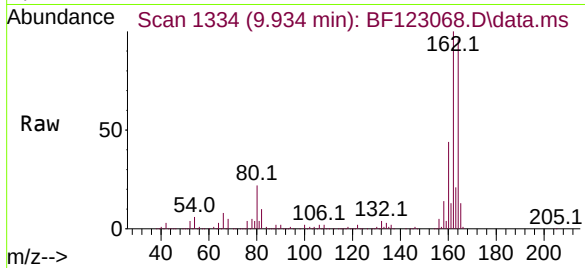




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.005 min
Lab File: BF123068.D
Acq: 28 Jan 2021 19:43

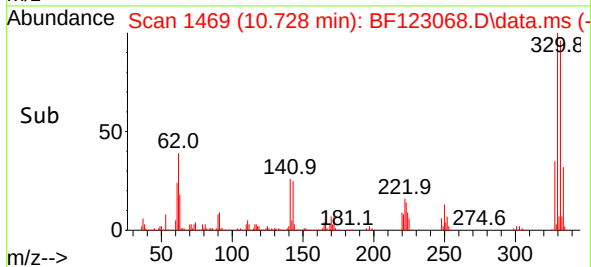
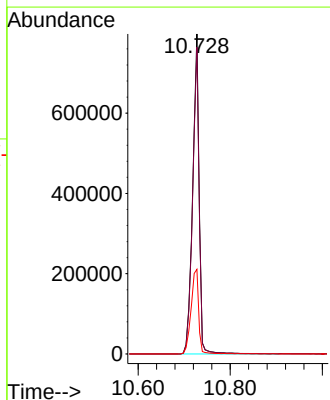
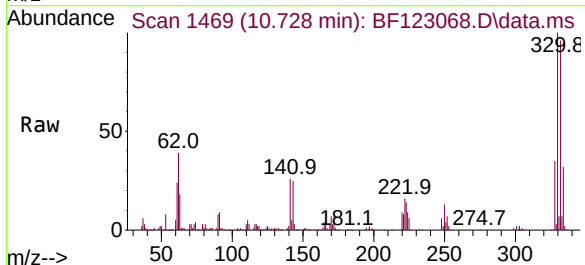
Instrument :
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ClientSampleId :
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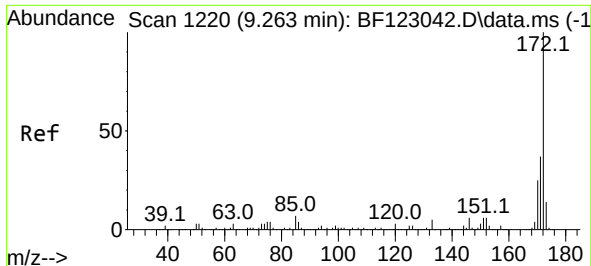
Tgt Ion:164 Resp: 521219
Ion Ratio Lower Upper
164 100
162 103.8 80.8 121.2
160 45.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 137.01 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123068.D
Acq: 28 Jan 2021 19:43

Tgt Ion:330 Resp: 775224
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 31.1 23.8 35.8

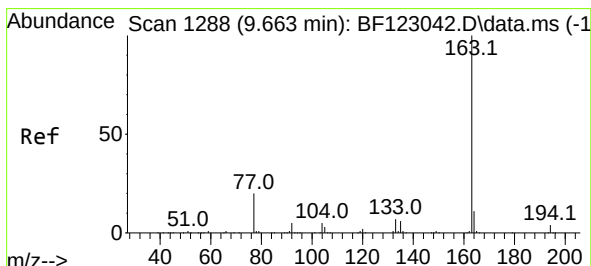
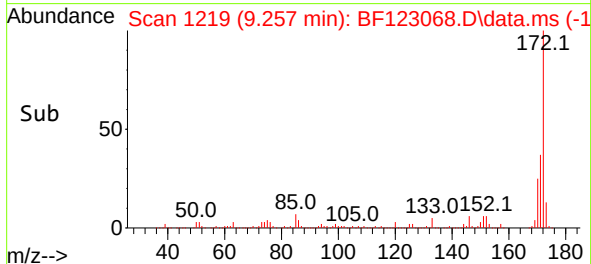
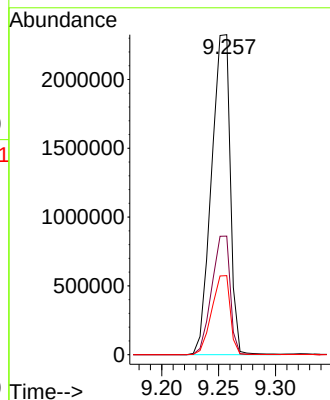
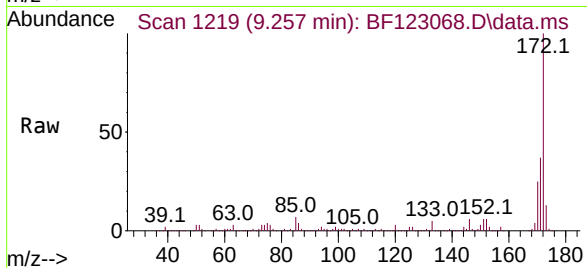




#45
2-Fluorobiphenyl
Concen: 76.28 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123068.D
Acq: 28 Jan 2021 19:43

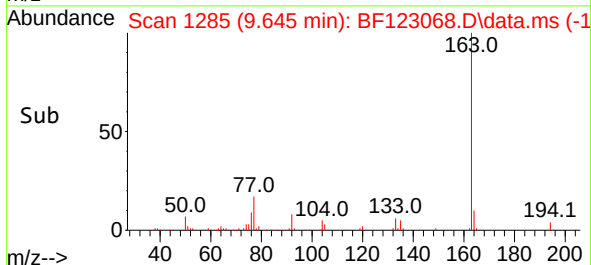
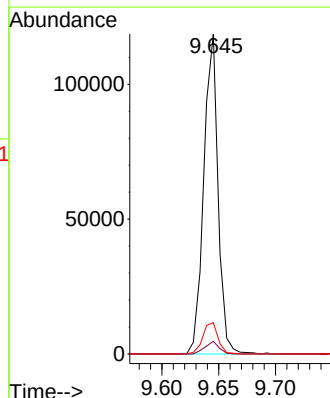
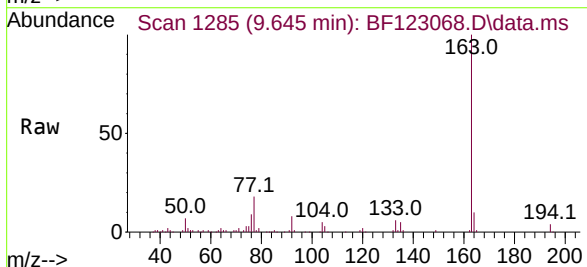
Instrument :
BNA_F
ClientSampled :
CRT-3

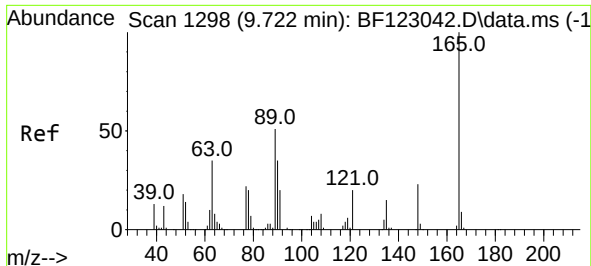
Tgt Ion:172 Resp: 2674575
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 24.7 19.5 29.3



#50
Dimethylphthalate
Concen: 2.54 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123068.D
Acq: 28 Jan 2021 19:43

Tgt Ion:163 Resp: 103732
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.8 8.1 12.1

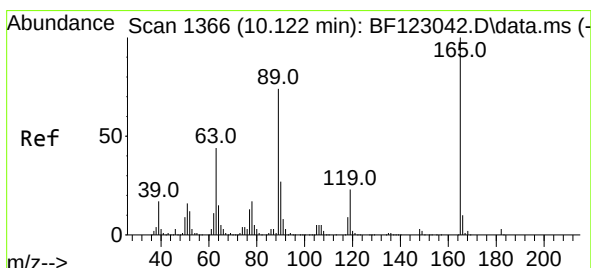
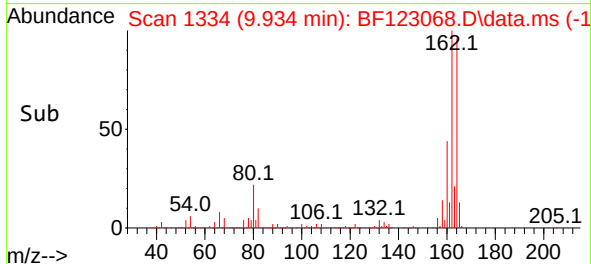
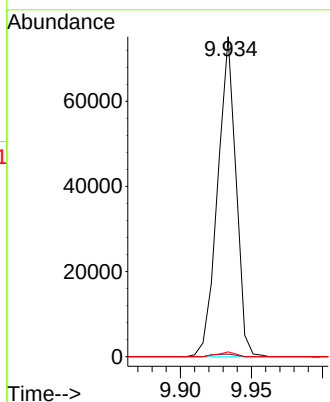
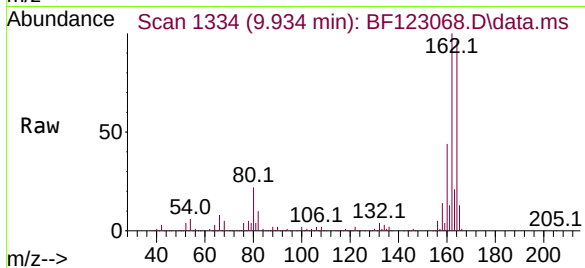




#51
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123068.D
Acq: 28 Jan 2021 19:43

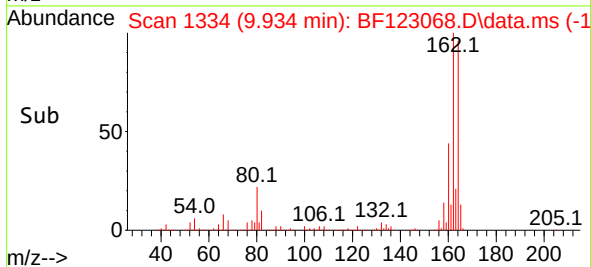
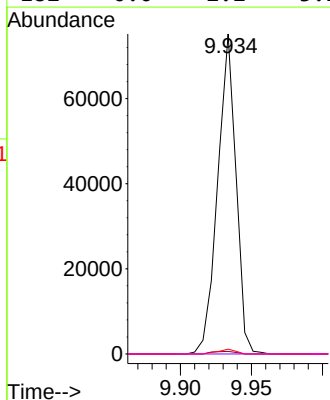
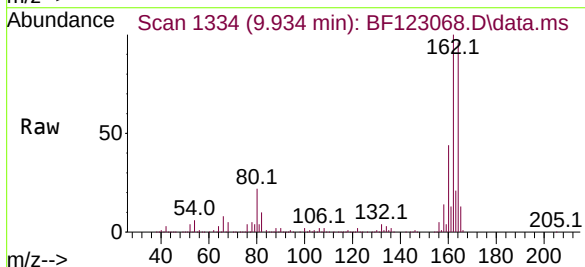
Instrument :
BNA_F
ClientSampled :
CRT-3

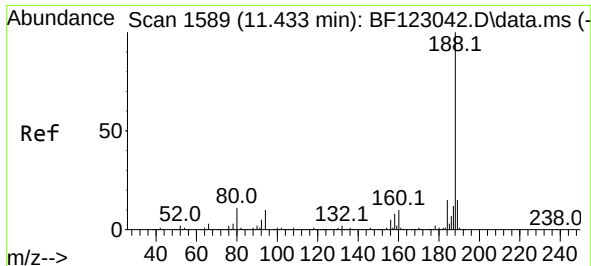
Tgt Ion:165 Resp: 67371
Ion Ratio Lower Upper
165 100
63 0.8 36.6 55.0#
89 1.5 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123068.D
Acq: 28 Jan 2021 19:43

Tgt Ion:165 Resp: 67371
Ion Ratio Lower Upper
165 100
63 0.8 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#

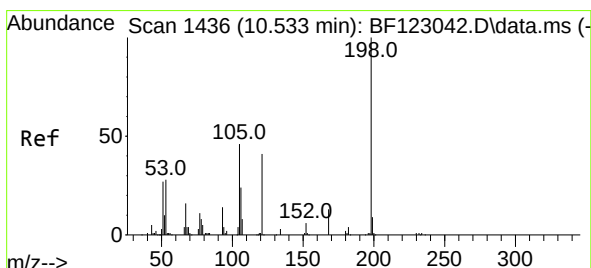
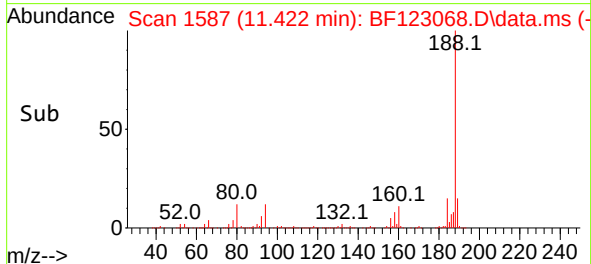
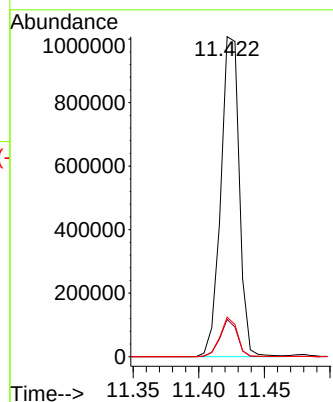
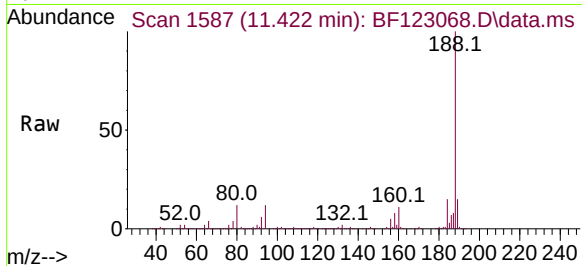




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.011 min
Lab File: BF123068.D
Acq: 28 Jan 2021 19:43

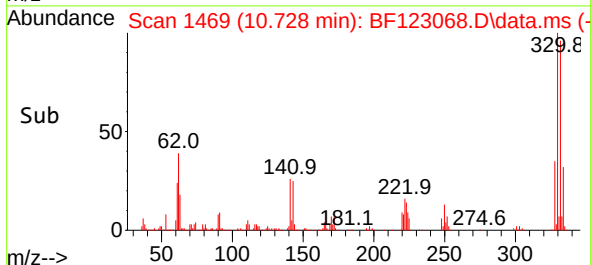
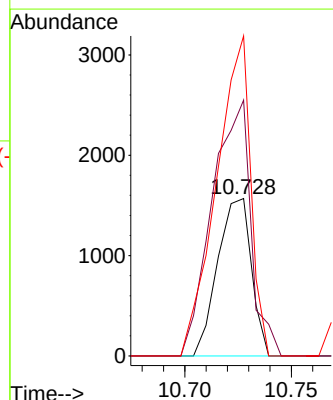
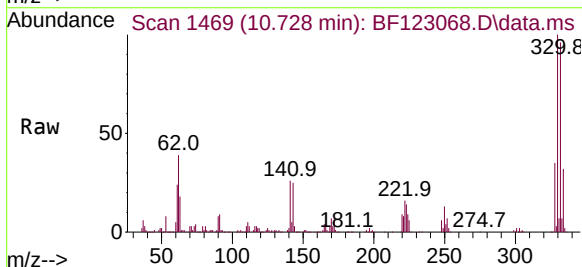
Instrument :
BNA_F
ClientSampled :
CRT-3

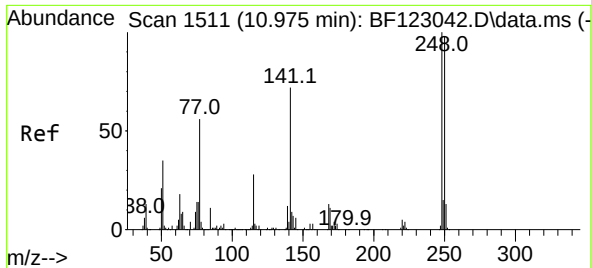
Tgt Ion:188 Resp: 989841
Ion Ratio Lower Upper
188 100
94 11.7 7.4 11.2#
80 12.4 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.26 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.195 min
Lab File: BF123068.D
Acq: 28 Jan 2021 19:43

Tgt Ion:198 Resp: 1725
Ion Ratio Lower Upper
198 100
51 162.5 20.3 60.3#
105 203.3 23.0 63.0#

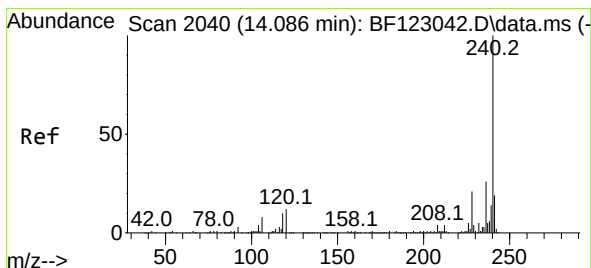
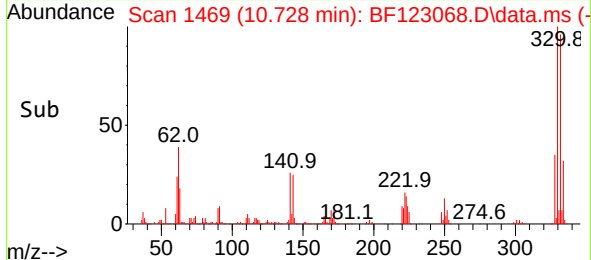
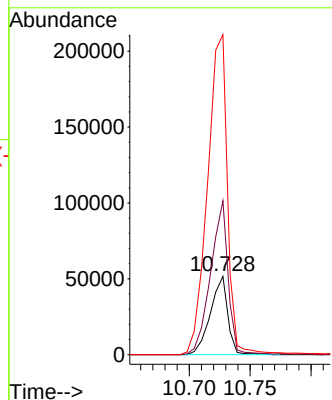
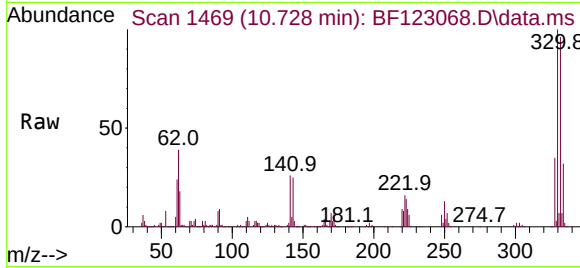




#67
4-Bromophenyl-phenylether
Concen: 4.07 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123068.D
Acq: 28 Jan 2021 19:43

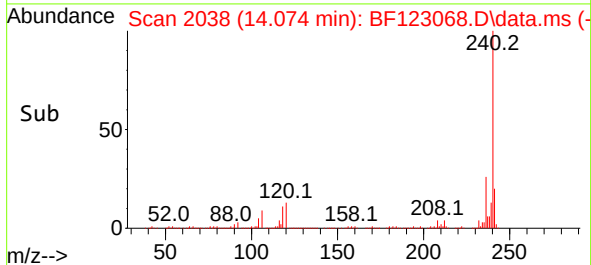
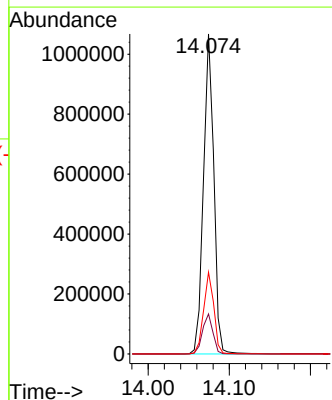
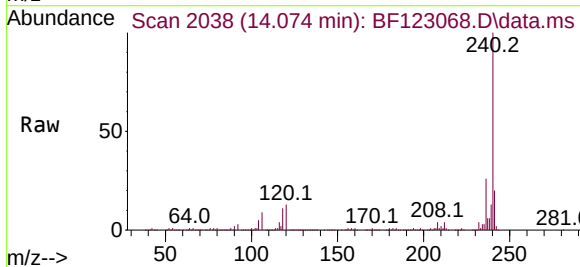
Instrument :
BNA_F
ClientSampled :
CRT-3

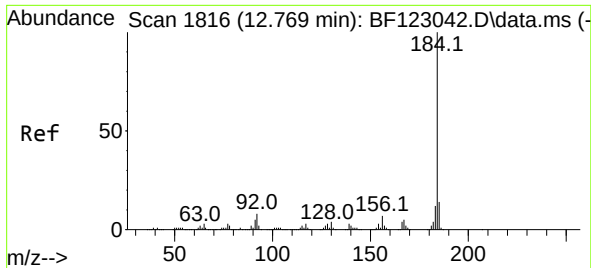
Tgt Ion:248 Resp: 51339
Ion Ratio Lower Upper
248 100
250 196.7 76.8 115.2#
141 408.9 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123068.D
Acq: 28 Jan 2021 19:43

Tgt Ion:240 Resp: 944783
Ion Ratio Lower Upper
240 100
120 12.5 8.6 12.8
236 25.5 20.3 30.5

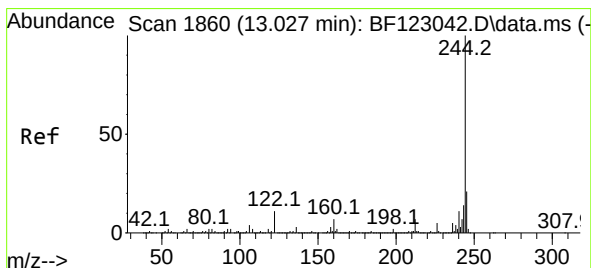
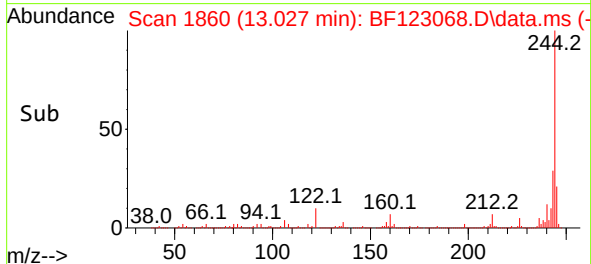
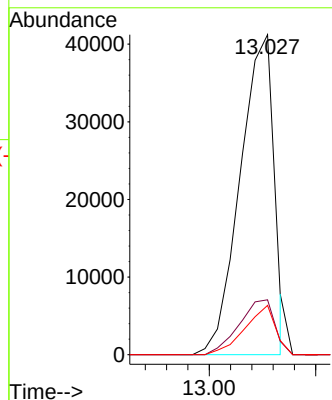
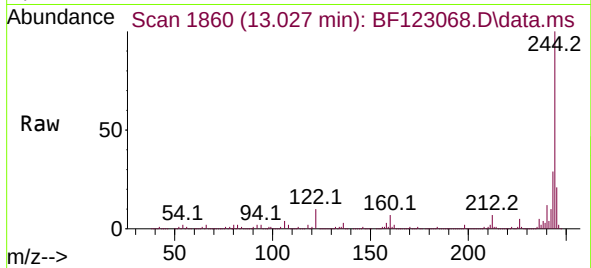




#77
Benzidine
Concen: 2.14 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.259 min
Lab File: BF123068.D
Acq: 28 Jan 2021 19:43

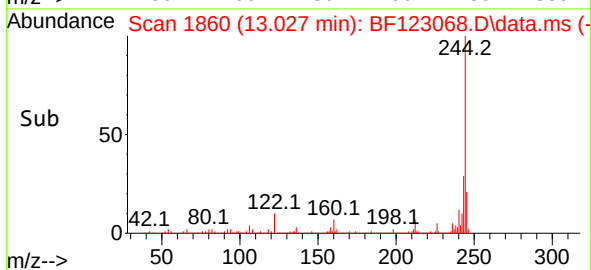
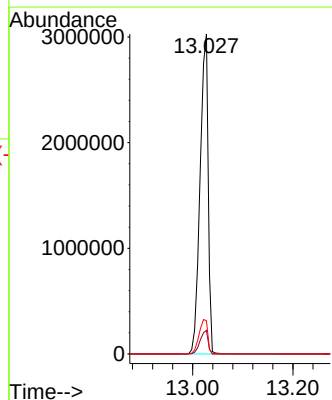
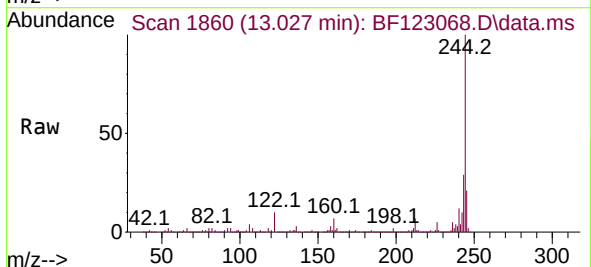
Instrument :
BNA_F
ClientSampled :
CRT-3

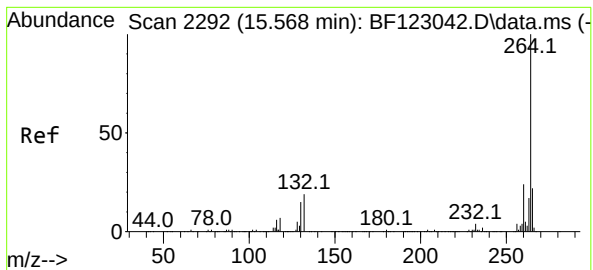
Tgt Ion:184 Resp: 45647
Ion Ratio Lower Upper
184 100
185 17.1 11.8 17.6
183 15.4 9.7 14.5#



#79
Terphenyl-d14
Concen: 70.20 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123068.D
Acq: 28 Jan 2021 19:43

Tgt Ion:244 Resp: 3375777
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.4 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.563 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF123068.D
Acq: 28 Jan 2021 19:43

Instrument :
BNA_F
ClientSampleId :
CRT-3

Tgt Ion:264 Resp: 844619

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	22.0	17.0	25.6

