

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
 Data File : BF123699.D
 Acq On : 23 Apr 2021 18:18
 Operator : JU/CG
 Sample : M2151-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-1

Quant Time: Apr 23 18:47:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 23 10:48:36 2021
 Response via : Initial Calibration

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

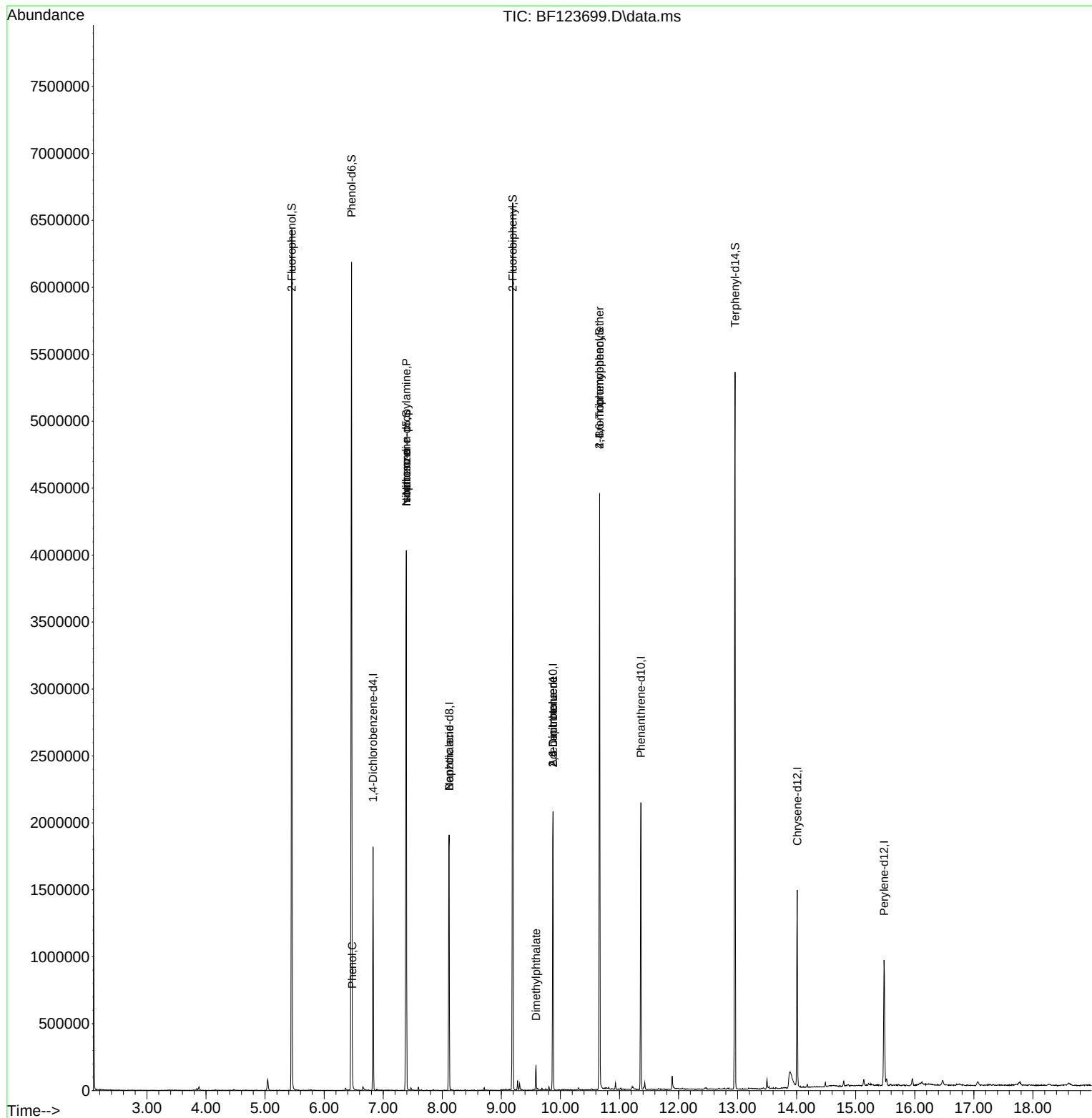
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	221249	20.00	ng	-0.01
21) Naphthalene-d8	8.116	136	821227	20.00	ng	-0.01
39) Acenaphthene-d10	9.875	164	397359	20.00	ng	-0.01
64) Phenanthrene-d10	11.363	188	736956	20.00	ng	-0.01
76) Chrysene-d12	14.010	240	488038	20.00	ng	-0.01
86) Perylene-d12	15.480	264	427056	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1382558	101.00	ng	0.00
7) Phenol-d6	6.463	99	1809617	95.40	ng	-0.01
23) Nitrobenzene-d5	7.393	82	1279119	71.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	473581	105.25	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1794556	67.32	ng	-0.01
79) Terphenyl-d14	12.957	244	1691737	67.37	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.475	94	51569	2.56	ng	92
19) n-Nitroso-di-n-propyla...	7.393	70	178077	14.17	ng	# 73
25) Isophorone	7.393	82	1276656	36.84	ng	# 69
32) Benzoic acid	8.116	122	119	4.56	ng	# 1
50) Dimethylphthalate	9.586	163	62932	2.29	ng	100
51) 2,6-Dinitrotoluene	9.875	165	52570	8.72	ng	# 12
57) 2,4-Dinitrotoluene	9.875	165	52570	6.53	ng	# 18
67) 4-Bromophenyl-phenylether	10.663	248	25110	3.26	ng	# 1
89) Benzo(k)fluoranthene	15.092	252	130	Below Cal		# 60

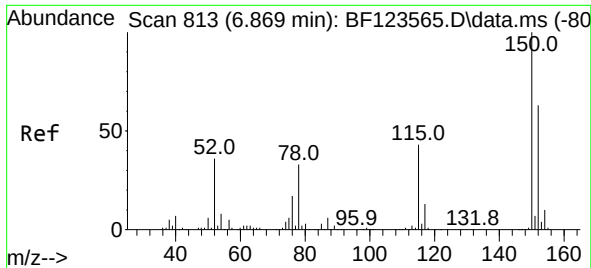
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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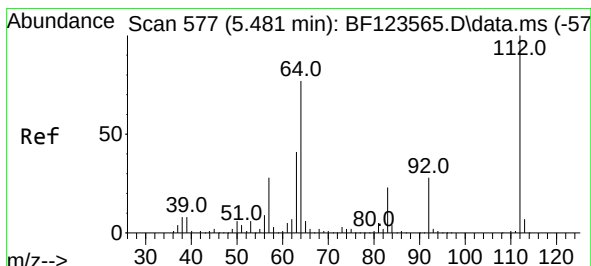
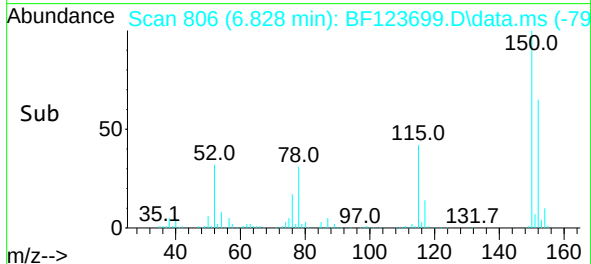
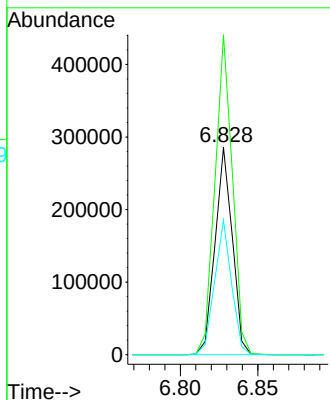
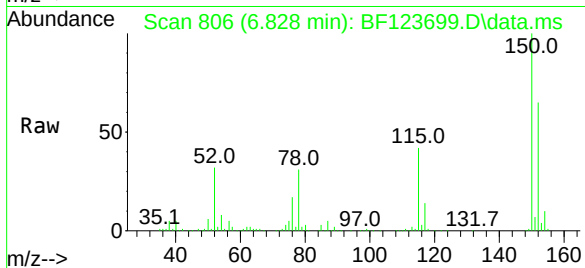




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.011 min
Lab File: BF123699.D
Acq: 23 Apr 2021 18:18

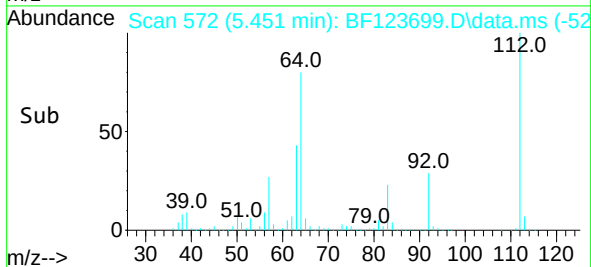
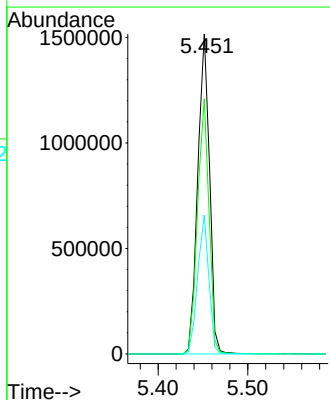
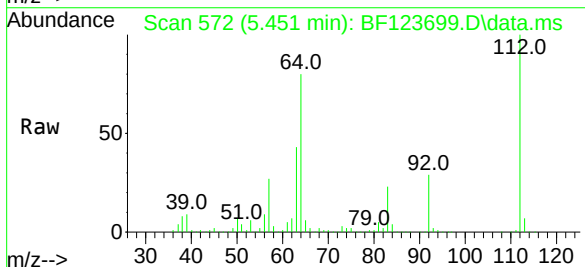
Instrument :
BNA_F
ClientSampleId :
PE-1

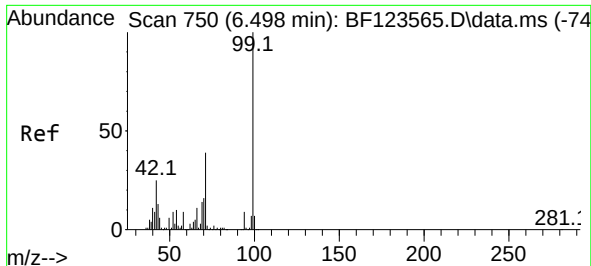
Tgt Ion:152 Resp: 221249
Ion Ratio Lower Upper
152 100
150 154.3 127.0 190.6
115 64.9 54.3 81.5



#5
2-Fluorophenol
Concen: 101.00 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF123699.D
Acq: 23 Apr 2021 18:18

Tgt Ion:112 Resp: 1382558
Ion Ratio Lower Upper
112 100
64 79.8 61.4 92.0
63 43.4 33.0 49.4

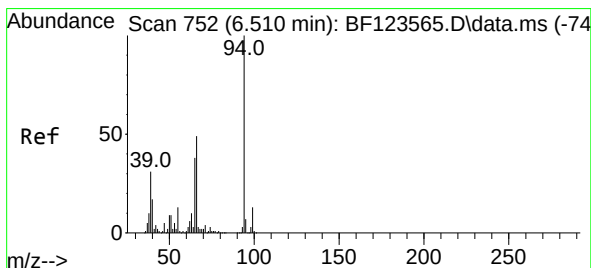
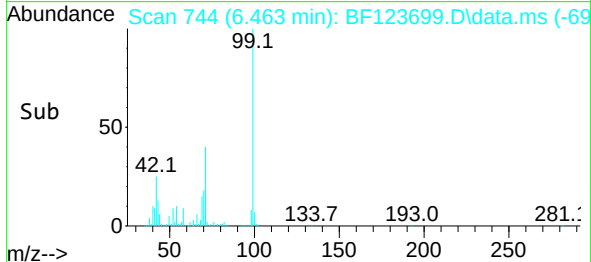
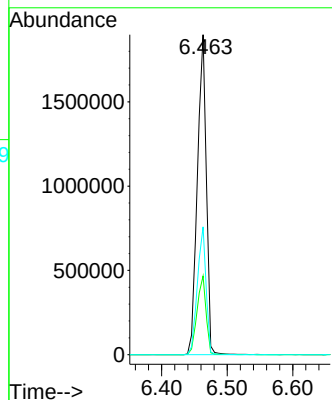
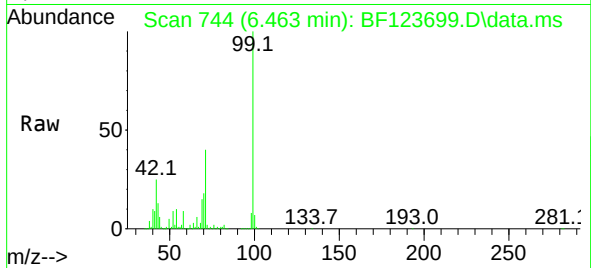




#7
Phenol-d6
Concen: 95.40 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF123699.D
Acq: 23 Apr 2021 18:18

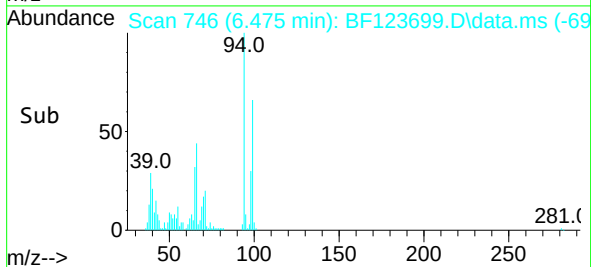
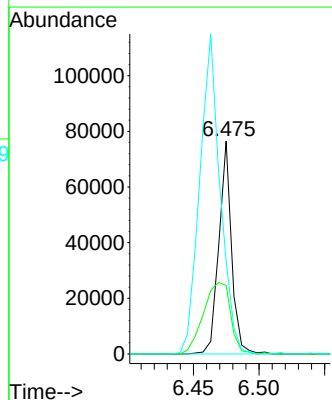
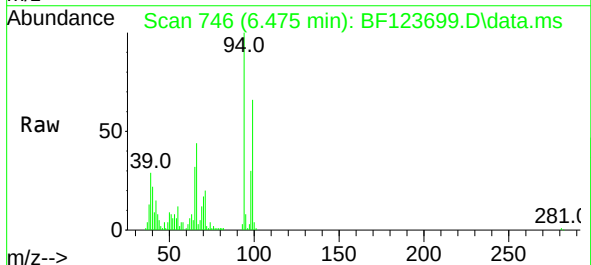
Instrument :
BNA_F
ClientSampleId :
PE-1

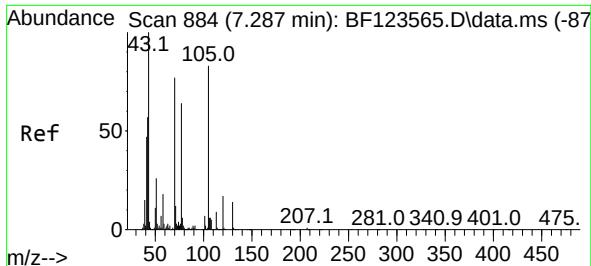
Tgt Ion: 99 Resp: 1809617
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.8
71 40.0 31.1 46.7



#10
Phenol
Concen: 2.56 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.017 min
Lab File: BF123699.D
Acq: 23 Apr 2021 18:18

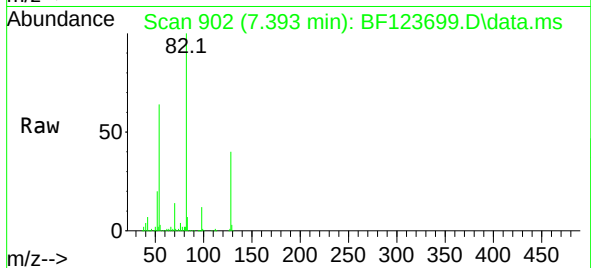
Tgt Ion: 94 Resp: 51569
Ion Ratio Lower Upper
94 100
65 32.3 18.1 58.1
66 43.8 29.0 69.0



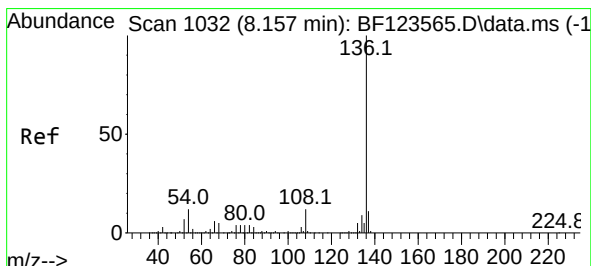
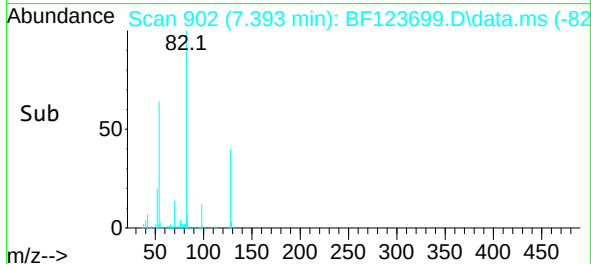
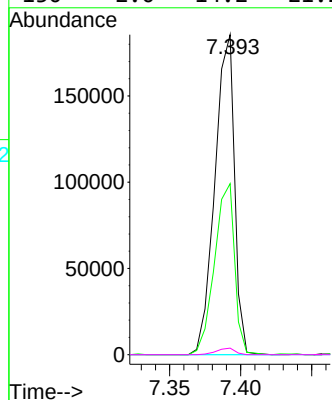


#19
n-Nitroso-di-n-propylamine
Concen: 14.17 ng
RT: 7.393 min Scan# 902
Delta R.T. 0.135 min
Lab File: BF123699.D
Acq: 23 Apr 2021 18:18

Instrument :
BNA_F
ClientSampled :
PE-1

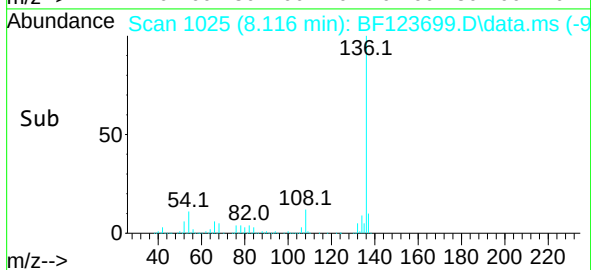
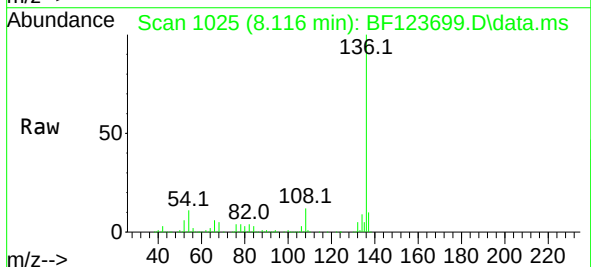
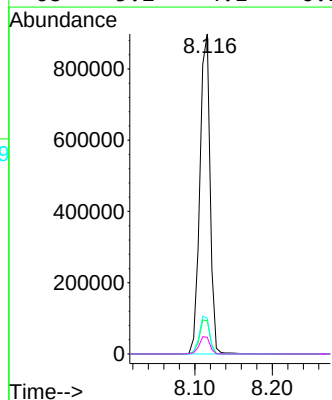


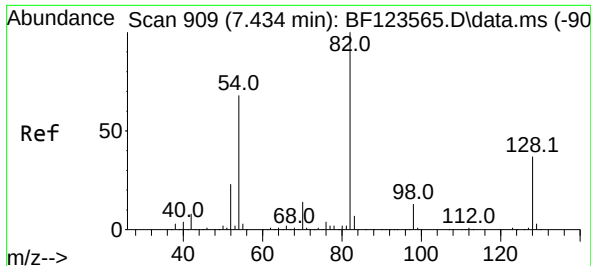
Tgt Ion: 70 Resp: 178077
Ion Ratio Lower Upper
70 100
42 53.4 60.1 90.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF123699.D
Acq: 23 Apr 2021 18:18

Tgt Ion: 136 Resp: 821227
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 11.2 9.8 14.6
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 71.60 ng

RT: 7.393 min Scan# 902

Delta R.T. -0.012 min

Lab File: BF123699.D

Acq: 23 Apr 2021 18:18

Tgt Ion: 82 Resp: 1279119

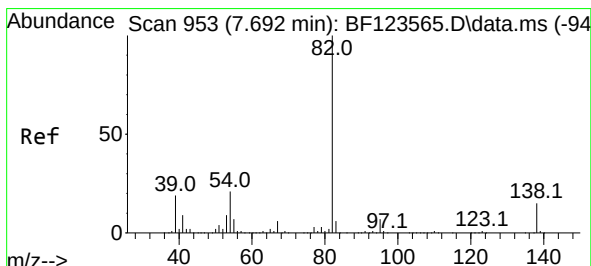
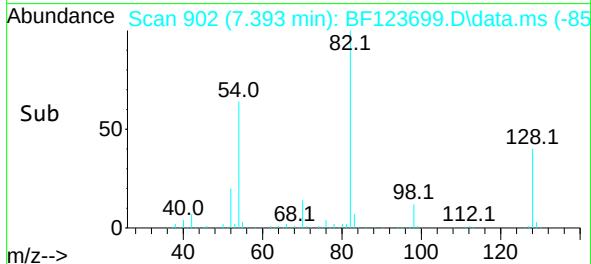
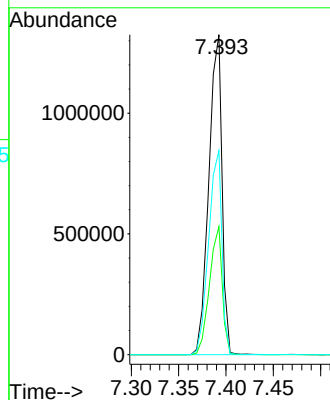
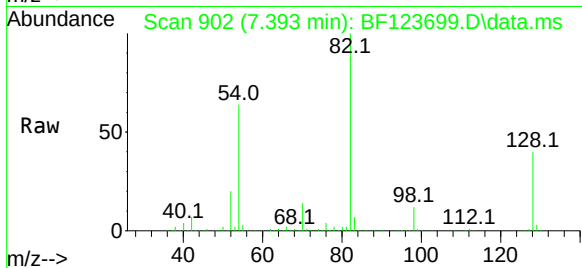
Ion	Ratio	Lower	Upper
82	100		
128	40.0	29.4	44.2
54	63.8	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

PE-1



#25

Isophorone

Concen: 36.84 ng

RT: 7.393 min Scan# 902

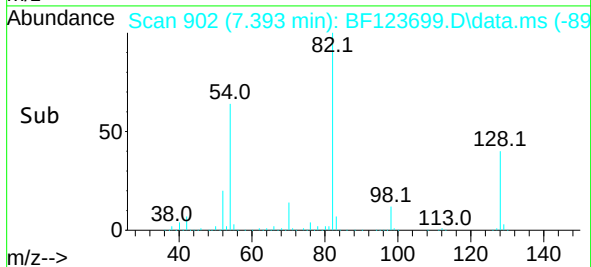
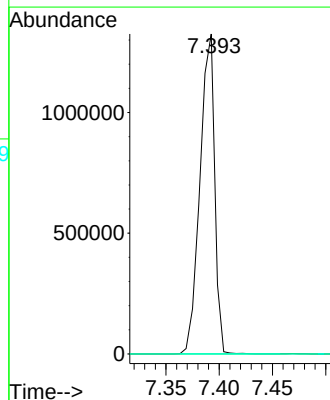
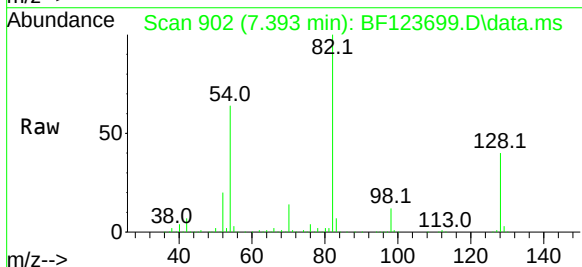
Delta R.T. -0.270 min

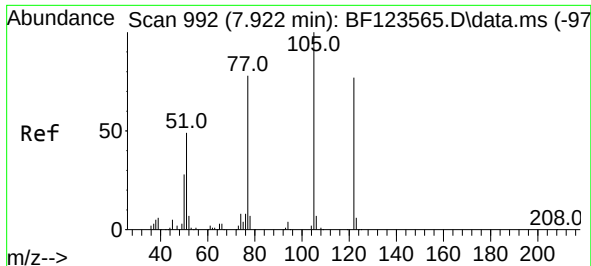
Lab File: BF123699.D

Acq: 23 Apr 2021 18:18

Tgt Ion: 82 Resp: 1276656

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

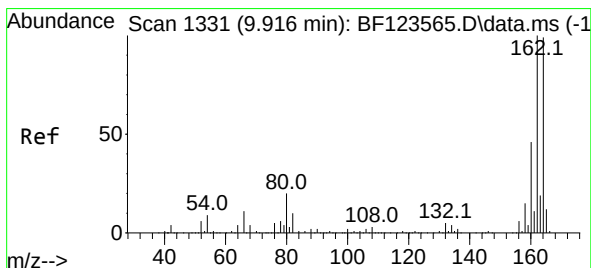
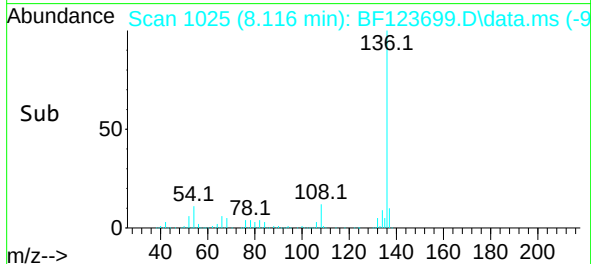
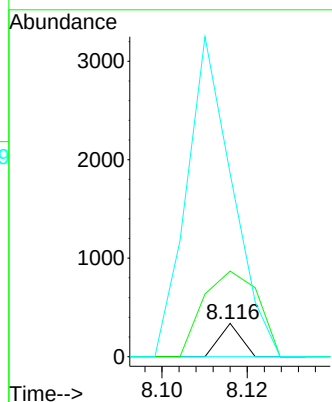
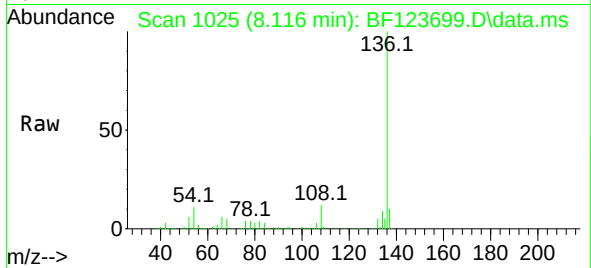




#32
Benzoic acid
Concen: 4.56 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.218 min
Lab File: BF123699.D
Acq: 23 Apr 2021 18:18

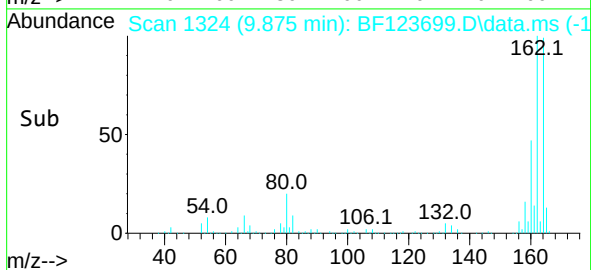
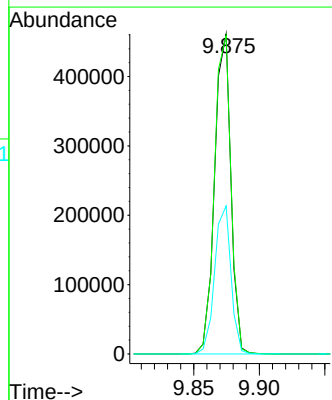
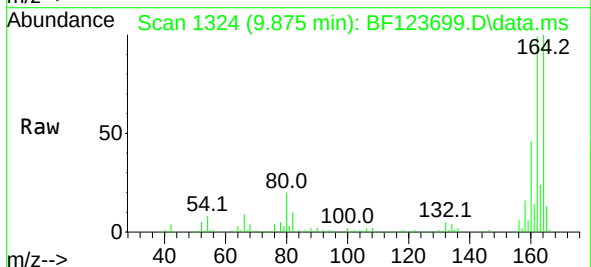
Instrument :
BNA_F
ClientSampleId :
PE-1

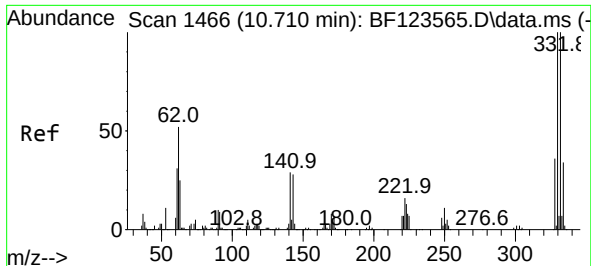
Tgt Ion:122 Resp: 119
Ion Ratio Lower Upper
122 100
105 257.9 107.8 147.8#
77 551.9 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF123699.D
Acq: 23 Apr 2021 18:18

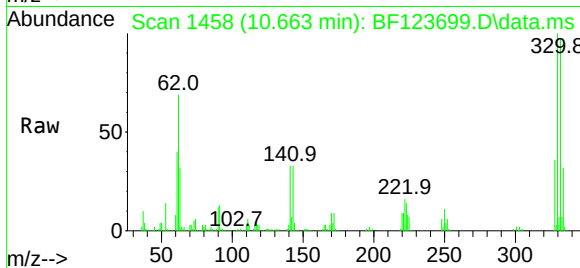
Tgt Ion:164 Resp: 397359
Ion Ratio Lower Upper
164 100
162 99.4 80.7 121.1
160 46.3 37.3 55.9



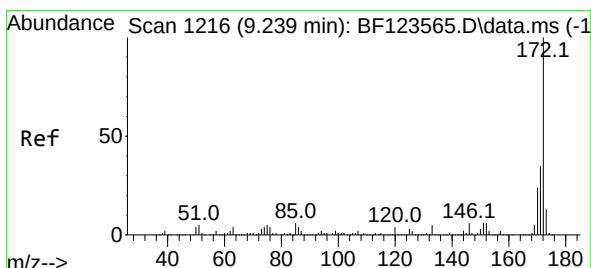
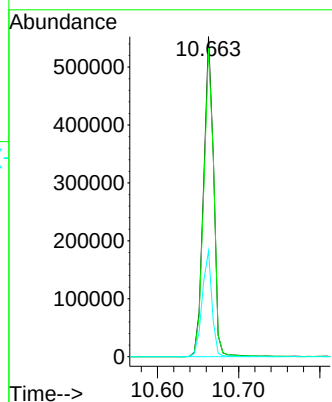
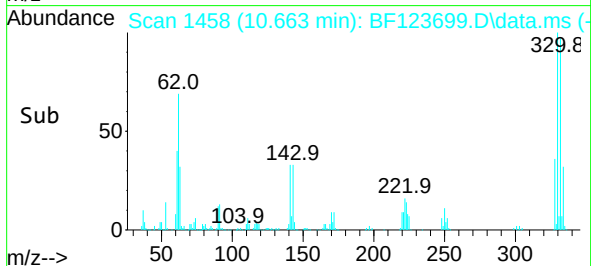


#42
2,4,6-Tribromophenol
Concen: 105.25 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF123699.D
Acq: 23 Apr 2021 18:18

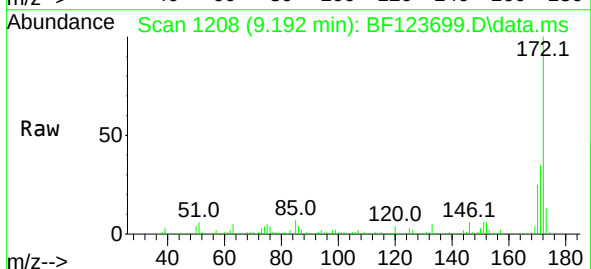
Instrument :
BNA_F
ClientSampleId :
PE-1



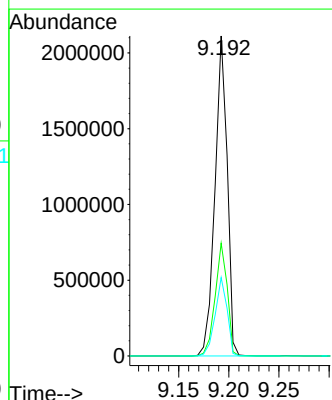
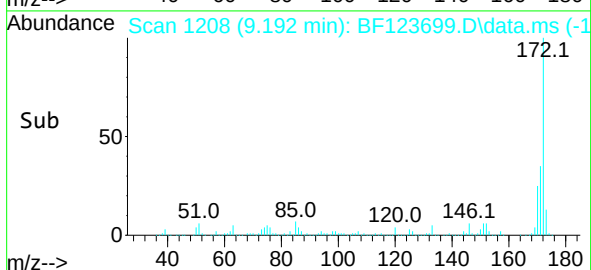
Tgt Ion: 330 Resp: 473581
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 32.4 27.9 41.9

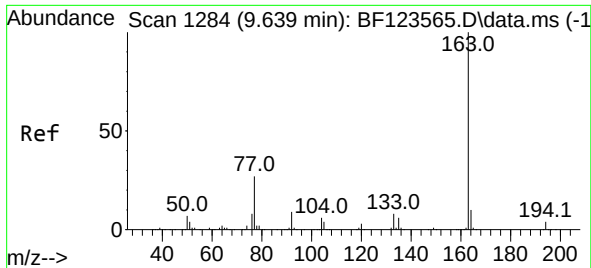


#45
2-Fluorobiphenyl
Concen: 67.32 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF123699.D
Acq: 23 Apr 2021 18:18



Tgt Ion: 172 Resp: 1794556
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 24.5 19.2 28.8

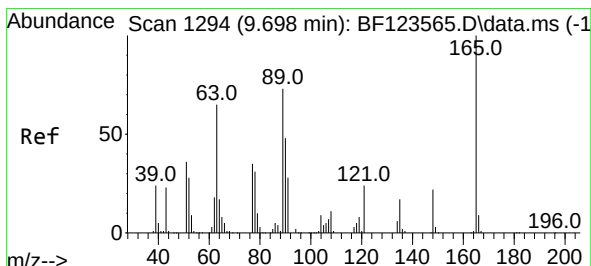
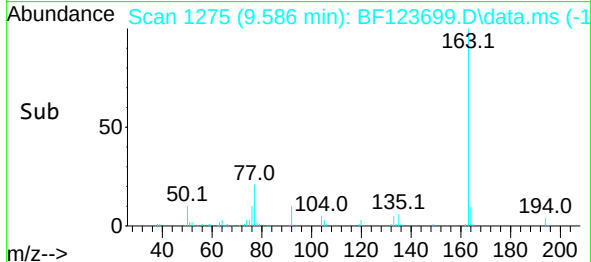
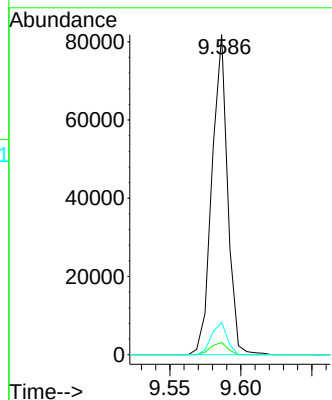
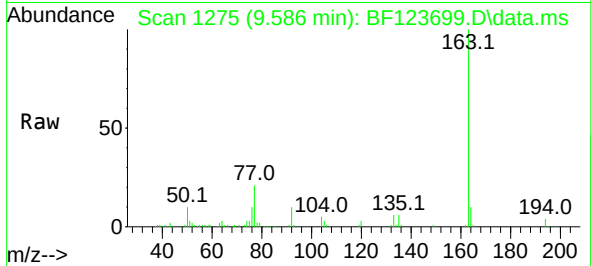




#50
Dimethylphthalate
Concen: 2.29 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.023 min
Lab File: BF123699.D
Acq: 23 Apr 2021 18:18

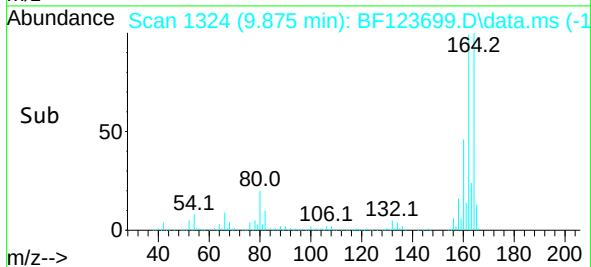
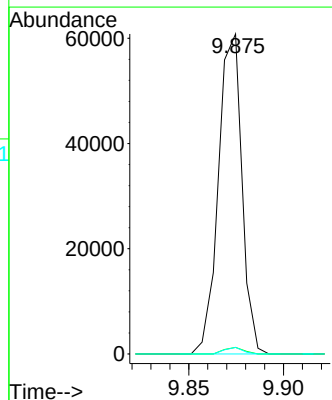
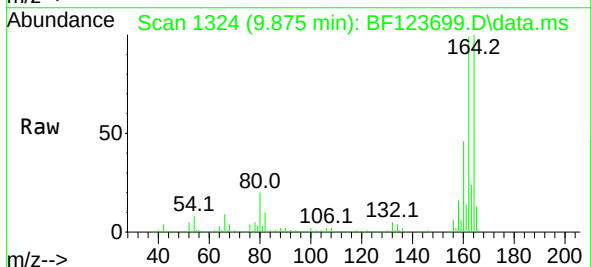
Instrument :
BNA_F
ClientSampleId :
PE-1

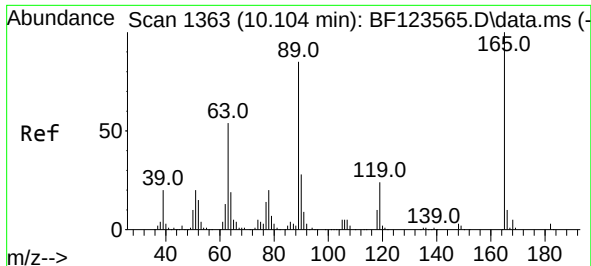
Tgt Ion:163 Resp: 62932
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.1 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.72 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF123699.D
Acq: 23 Apr 2021 18:18

Tgt Ion:165 Resp: 52570
Ion Ratio Lower Upper
165 100
63 2.0 67.7 101.5#
89 2.0 58.8 88.2#

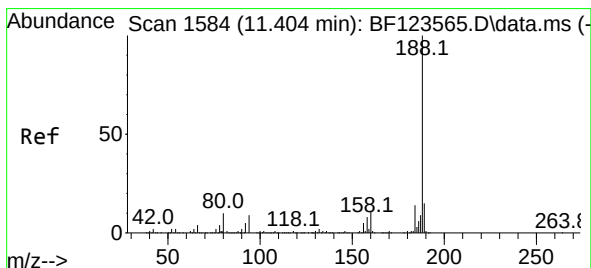
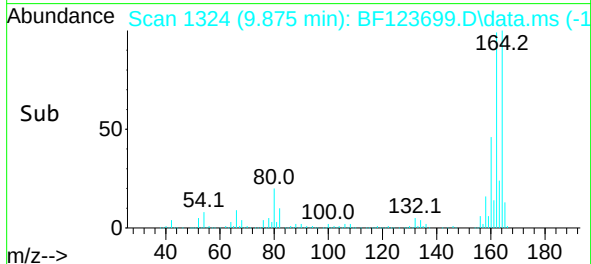
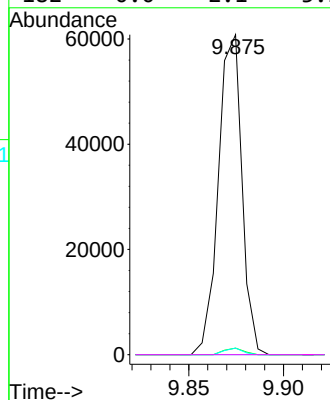
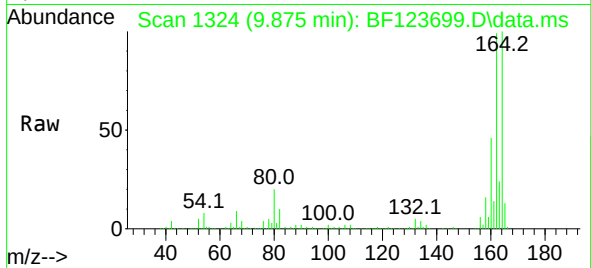




#57
2,4-Dinitrotoluene
Concen: 6.53 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.200 min
Lab File: BF123699.D
Acq: 23 Apr 2021 18:18

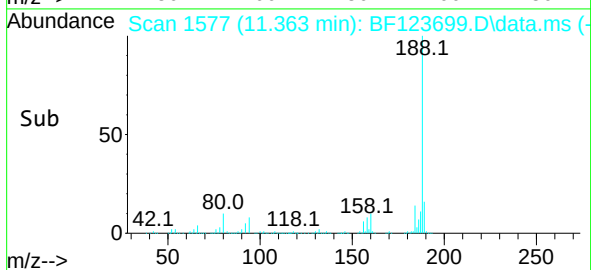
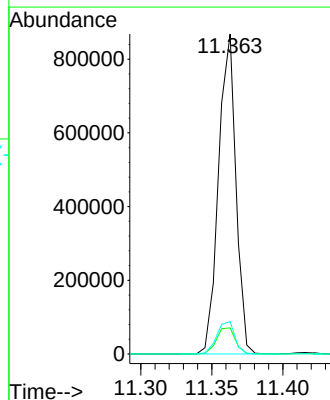
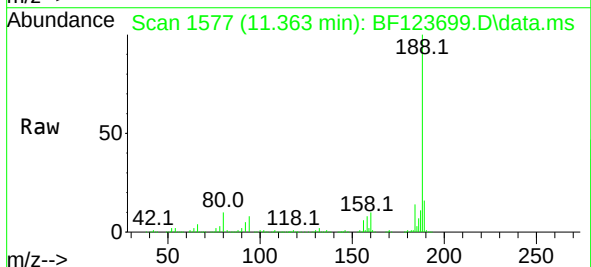
Instrument :
BNA_F
ClientSampled :
PE-1

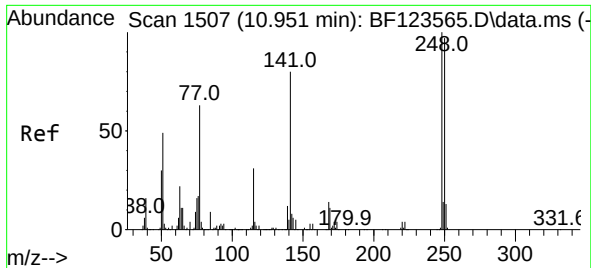
Tgt Ion:165 Resp: 52570
Ion Ratio Lower Upper
165 100
63 2.0 43.5 65.3#
89 2.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF123699.D
Acq: 23 Apr 2021 18:18

Tgt Ion:188 Resp: 736956
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 10.1 8.2 12.2

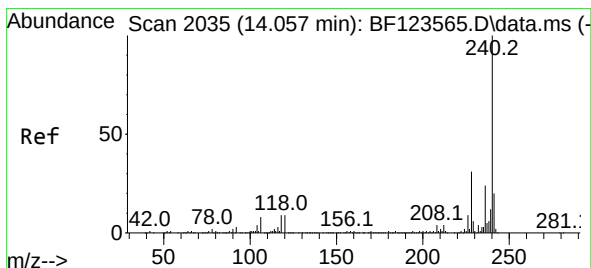
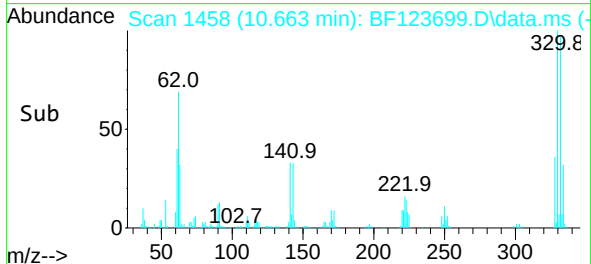
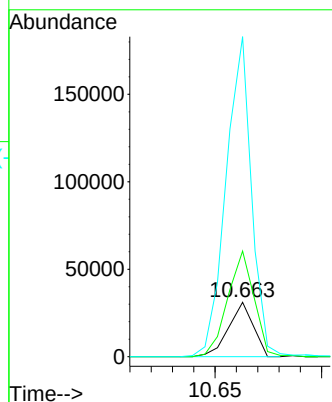
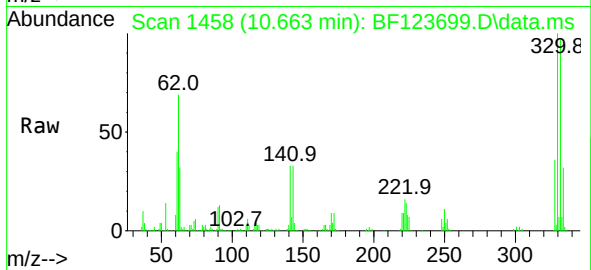




#67
4-Bromophenyl-phenylether
Concen: 3.26 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.253 min
Lab File: BF123699.D
Acq: 23 Apr 2021 18:18

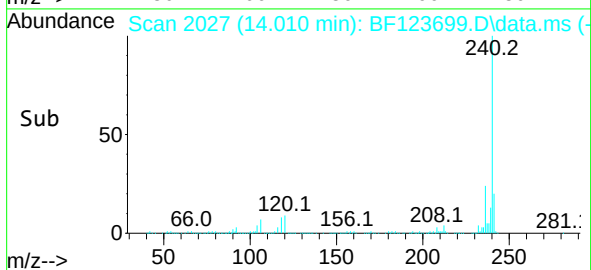
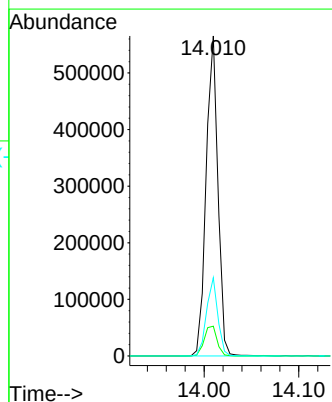
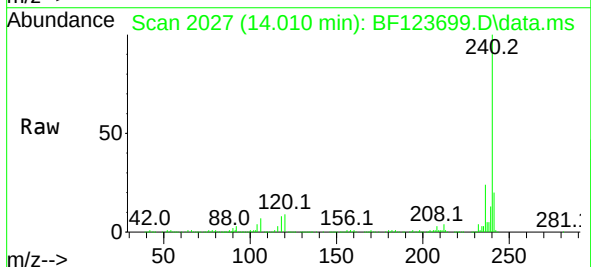
Instrument :
BNA_F
ClientSampled :
PE-1

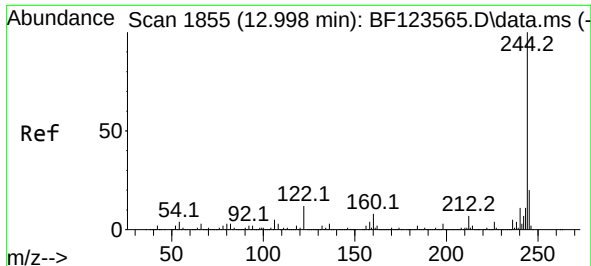
Tgt Ion:248 Resp: 25110
Ion Ratio Lower Upper
248 100
250 193.9 77.4 116.2#
141 587.4 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF123699.D
Acq: 23 Apr 2021 18:18

Tgt Ion:240 Resp: 488038
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 24.5 19.0 28.4

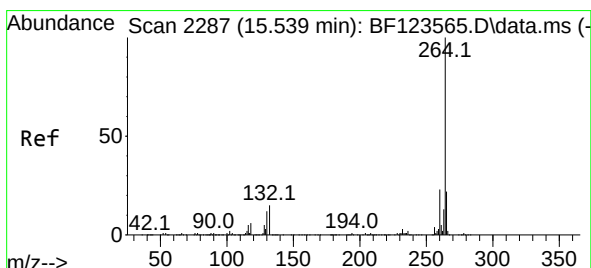
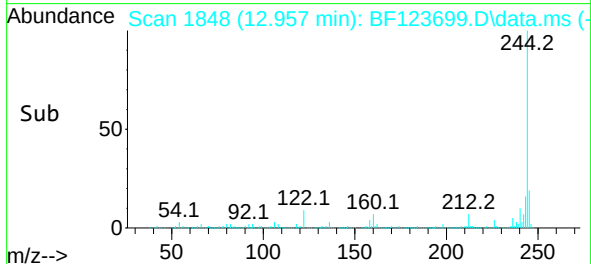
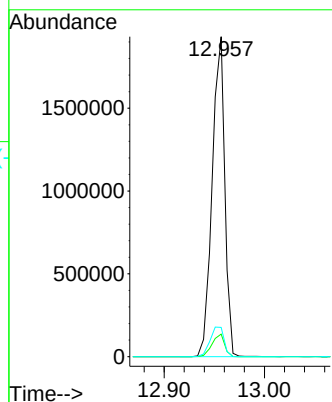
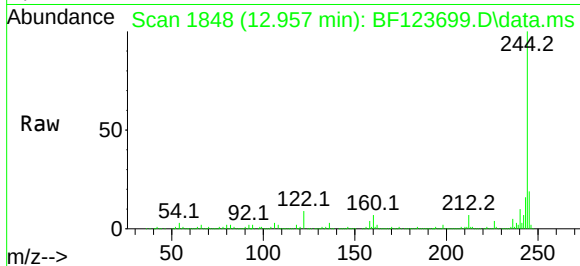




#79
 Terphenyl-d14
 Concen: 67.37 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF123699.D
 Acq: 23 Apr 2021 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PE-1

Tgt Ion:244 Resp: 1691737
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 9.2 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.012 min
 Lab File: BF123699.D
 Acq: 23 Apr 2021 18:18

Tgt Ion:264 Resp: 427056
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.7 28.1
 265 20.7 17.8 26.8

