

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
 Data File : BF123704.D
 Acq On : 23 Apr 2021 20:57
 Operator : JU/CG
 Sample : M2151-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-5

Quant Time: Apr 26 01:47:29 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)

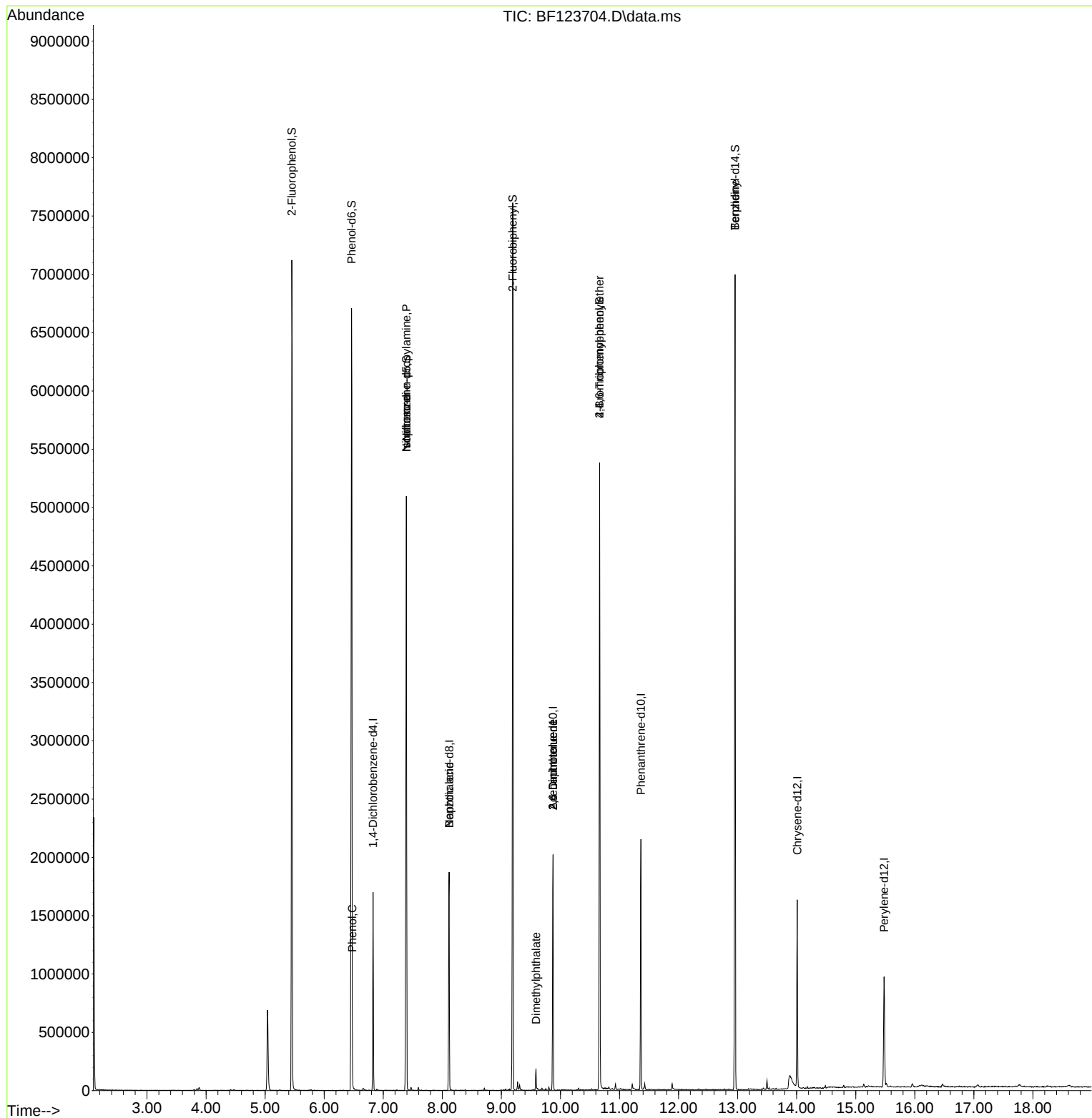
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	205396	20.00	ng	-0.01
21) Naphthalene-d8	8.116	136	778539	20.00	ng	-0.01
39) Acenaphthene-d10	9.875	164	377093	20.00	ng	-0.01
64) Phenanthrene-d10	11.363	188	727458	20.00	ng	-0.01
76) Chrysene-d12	14.010	240	506400	20.00	ng	-0.01
86) Perylene-d12	15.480	264	431967	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1710580	134.61	ng	0.00
7) Phenol-d6	6.463	99	2220897	126.12	ng	-0.01
23) Nitrobenzene-d5	7.392	82	1567331	92.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	587849	137.66	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	2230026	88.16	ng	-0.01
79) Terphenyl-d14	12.957	244	2196703	84.31	ng	0.00
Target Compounds						
10) Phenol	6.475	94	52394	2.80	ng	95
19) n-Nitroso-di-n-propyla...	7.392	70	215051	18.44	ng	# 75
25) Isophorone	7.392	82	1562934	47.57	ng	# 69
32) Benzoic acid	8.116	122	297	4.58	ng	# 1
50) Dimethylphthalate	9.586	163	58931	2.26	ng	99
51) 2,6-Dinitrotoluene	9.875	165	48405	8.46	ng	# 11
57) 2,4-Dinitrotoluene	9.875	165	48405	6.34	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	34377	4.52	ng	# 1
77) Benzidine	12.957	184	32149	2.34	ng	98
89) Benzo(k)fluoranthene	15.057	252	1748	Below	Cal	# 55
92) Benzo(g,h,i)perylene	17.392	276	138	Below	Cal	# 56

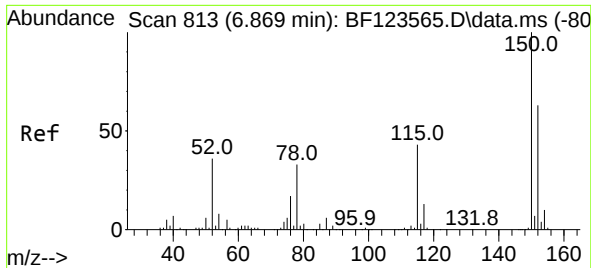
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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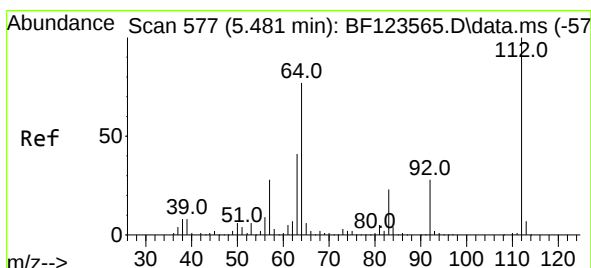
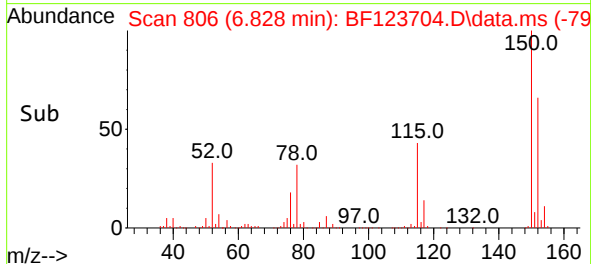
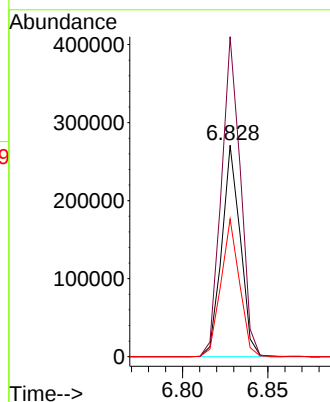
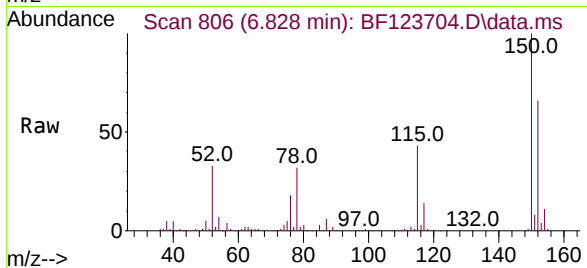




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.011 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

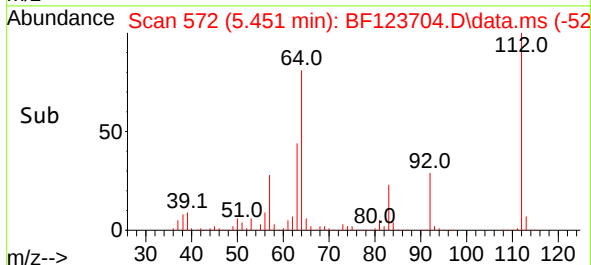
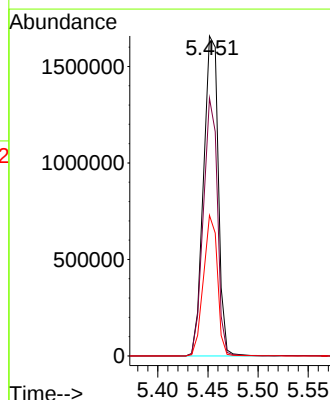
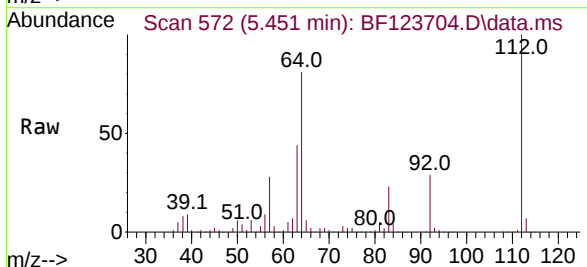
Instrument :
BNA_F
ClientSampled :
PE-5

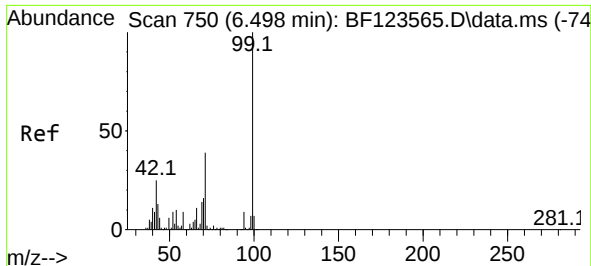
Tgt Ion:152 Resp: 205396
Ion Ratio Lower Upper
152 100
150 151.4 127.0 190.6
115 65.2 54.3 81.5



#5
2-Fluorophenol
Concen: 134.61 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

Tgt Ion:112 Resp: 1710580
Ion Ratio Lower Upper
112 100
64 80.5 61.4 92.0
63 44.0 33.0 49.4

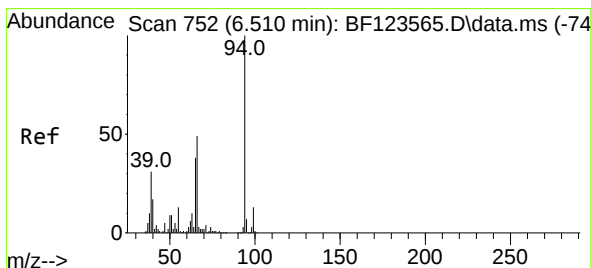
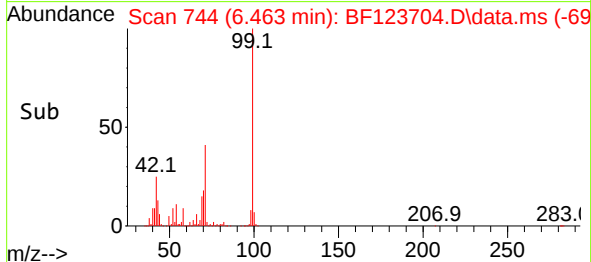
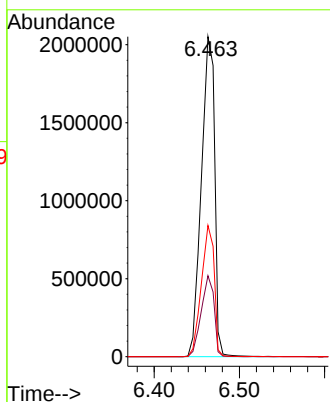
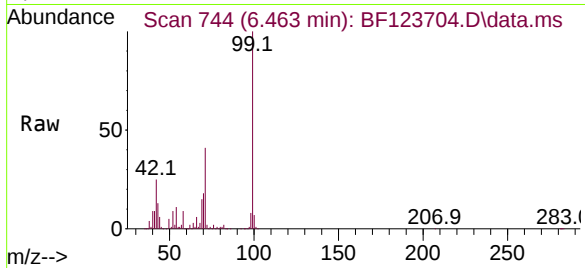




#7
Phenol-d6
Concen: 126.12 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

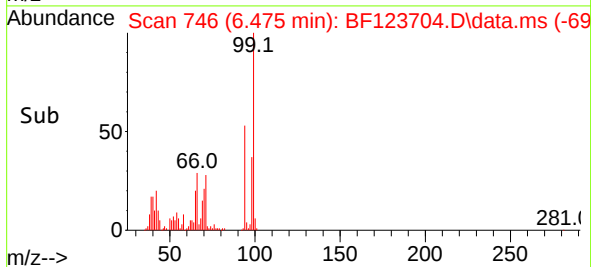
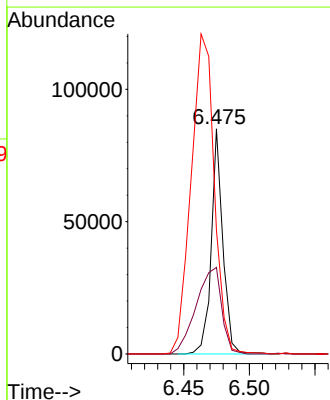
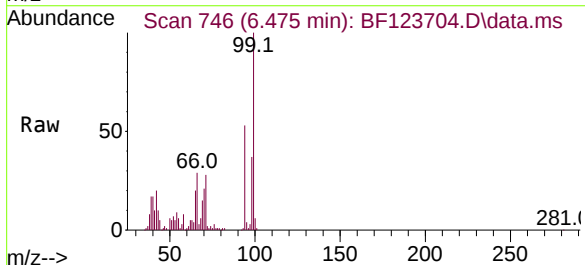
Instrument :
BNA_F
ClientSampled :
PE-5

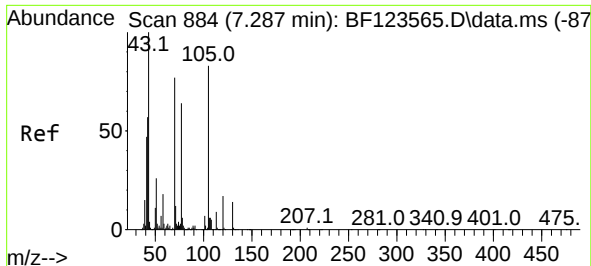
Tgt Ion: 99 Resp: 2220897
Ion Ratio Lower Upper
99 100
42 25.3 19.8 29.8
71 41.0 31.1 46.7



#10
Phenol
Concen: 2.80 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

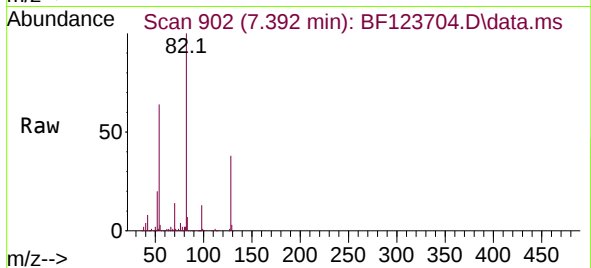
Tgt Ion: 94 Resp: 52394
Ion Ratio Lower Upper
94 100
65 38.5 18.1 58.1
66 54.9 29.0 69.0



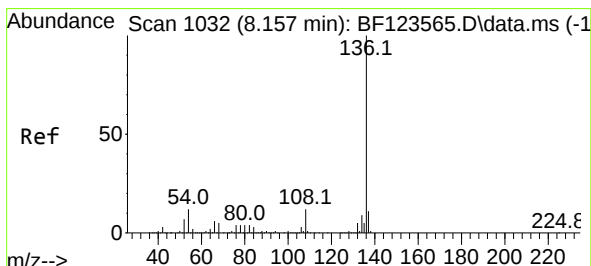
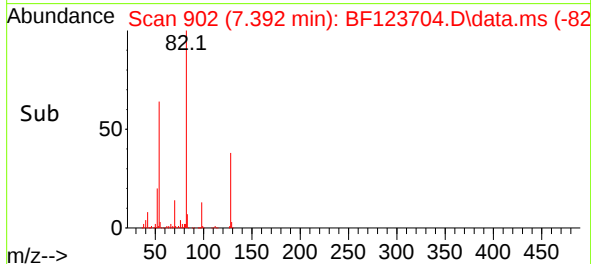
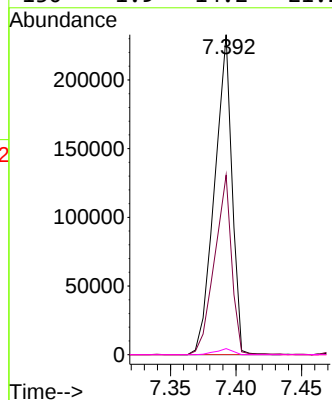


#19
n-Nitroso-di-n-propylamine
Concen: 18.44 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.135 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

Instrument :
BNA_F
ClientSampled :
PE-5

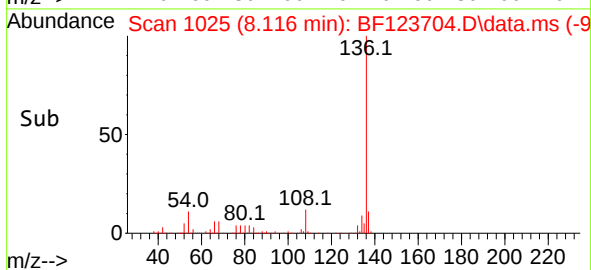
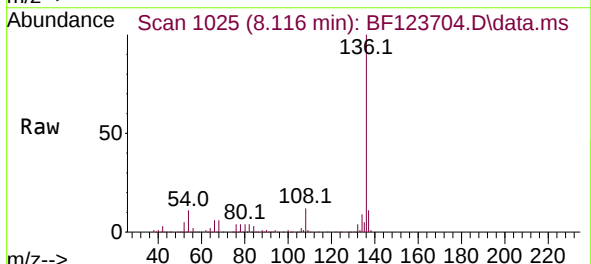
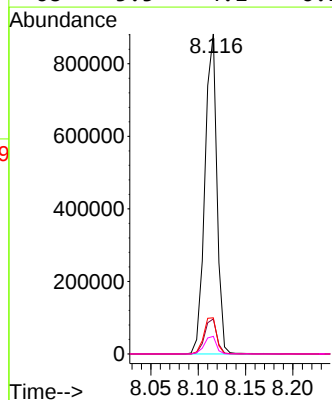


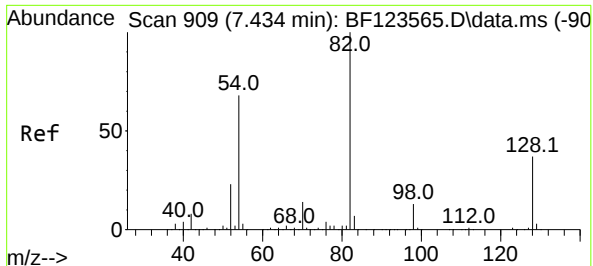
Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.1	60.1	90.1#
101	0.0	7.4	11.2#
130	1.9	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.3	9.8	14.6
68	5.5	4.1	6.1





#23

Nitrobenzene-d5

Concen: 92.55 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.012 min

Lab File: BF123704.D

Acq: 23 Apr 2021 20:57

Tgt Ion: 82 Resp: 1567331

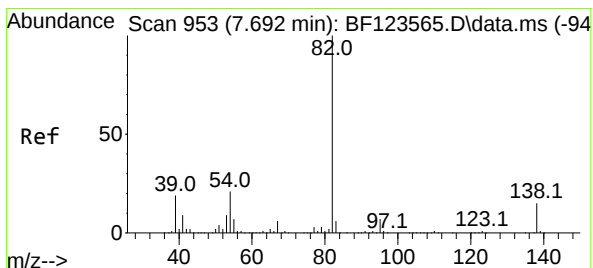
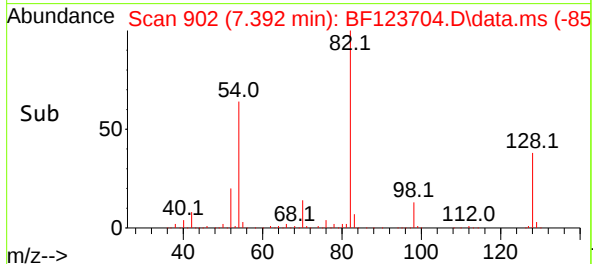
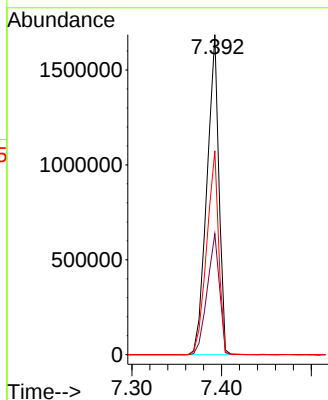
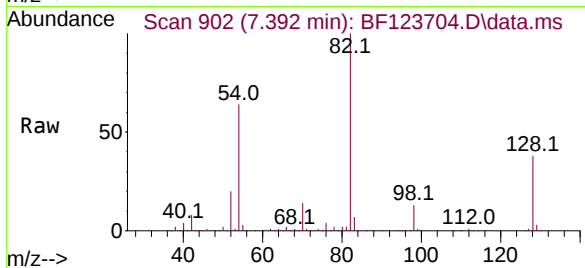
Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.4	44.2
54	63.7	54.1	81.1

Instrument :

BNA_F

ClientSampled :

PE-5



#25

Isophorone

Concen: 47.57 ng

RT: 7.392 min Scan# 902

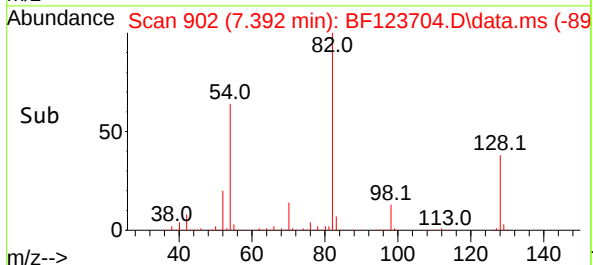
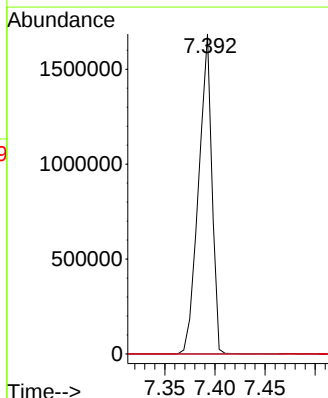
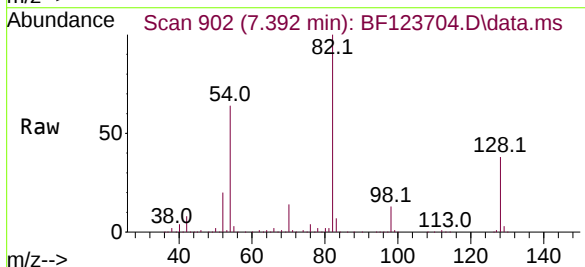
Delta R.T. -0.270 min

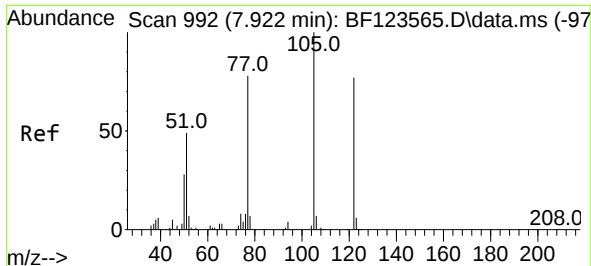
Lab File: BF123704.D

Acq: 23 Apr 2021 20:57

Tgt Ion: 82 Resp: 1562934

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

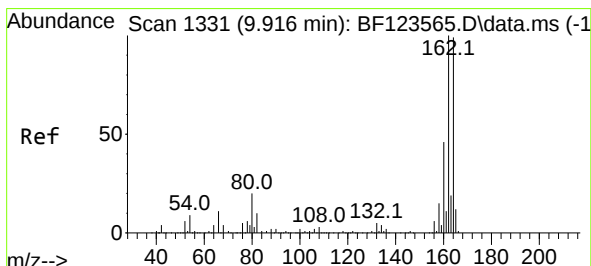
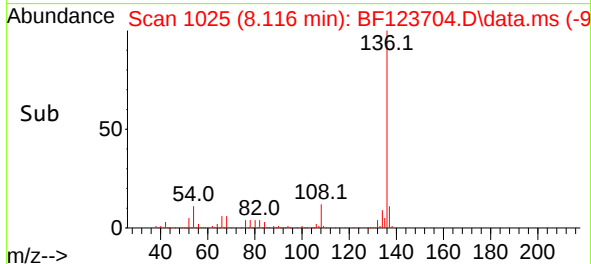
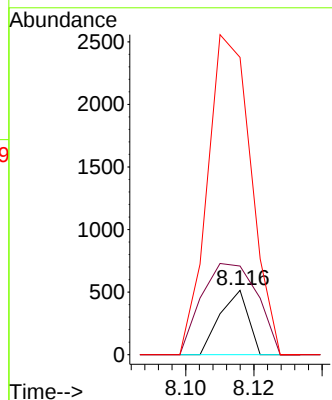
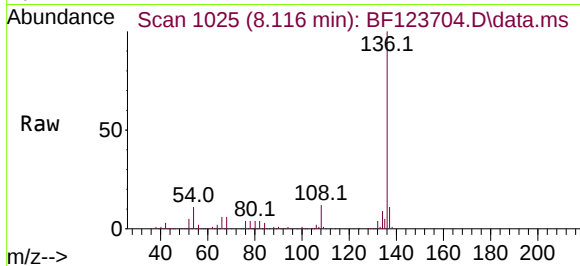




#32
Benzoic acid
Concen: 4.58 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.218 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

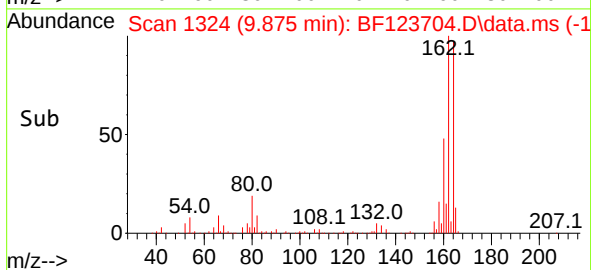
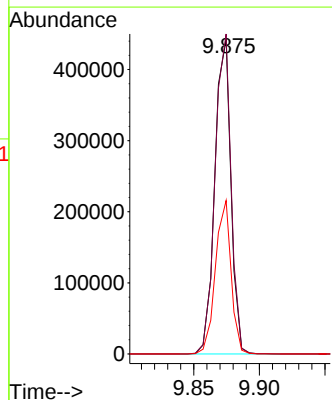
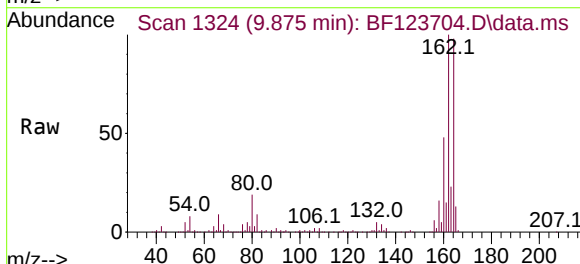
Instrument :
BNA_F
ClientSampled :
PE-5

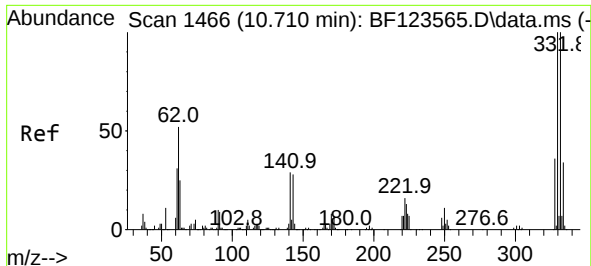
Tgt Ion:122 Resp: 297
Ion Ratio Lower Upper
122 100
105 137.7 107.8 147.8
77 462.1 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

Tgt Ion:164 Resp: 377093
Ion Ratio Lower Upper
164 100
162 101.7 80.7 121.1
160 48.8 37.3 55.9

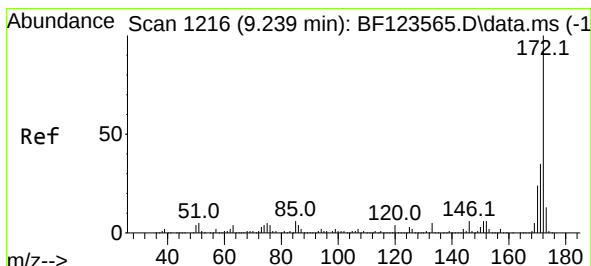
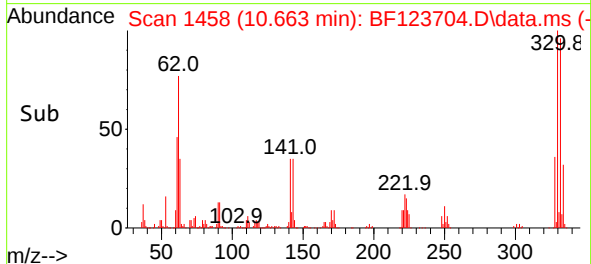
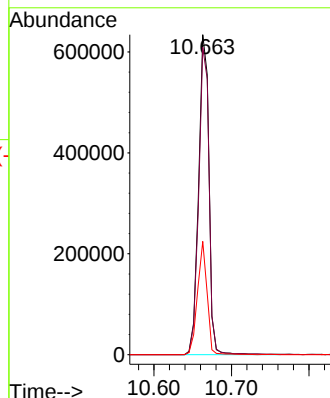
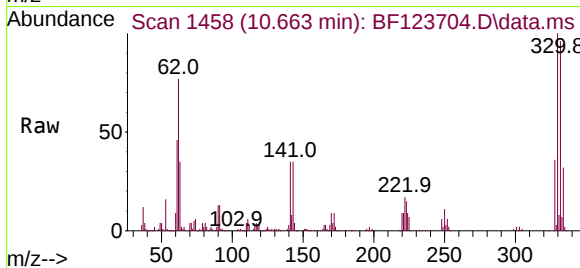




#42
2,4,6-Tribromophenol
Concen: 137.66 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

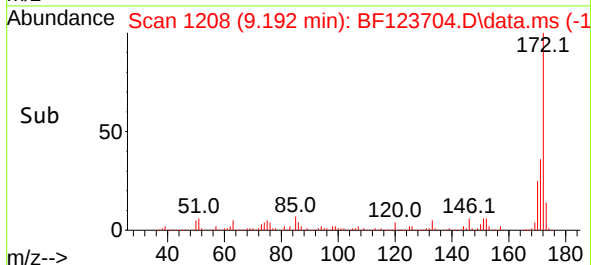
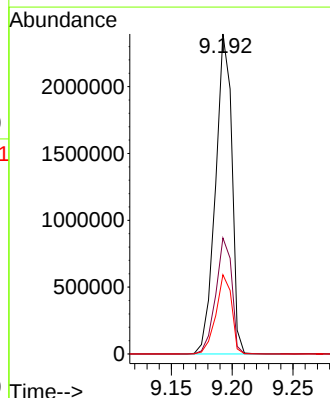
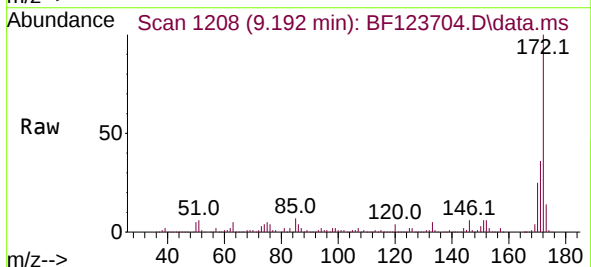
Instrument :
BNA_F
ClientSampled :
PE-5

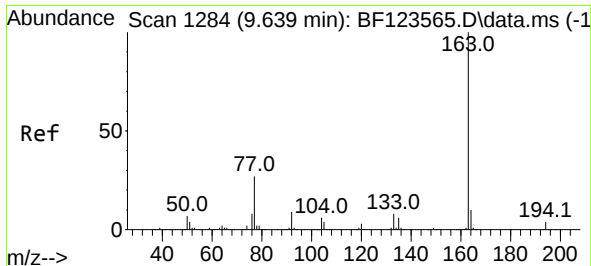
Tgt Ion: 330 Resp: 587849
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 32.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 88.16 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

Tgt Ion: 172 Resp: 2230026
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 24.7 19.2 28.8

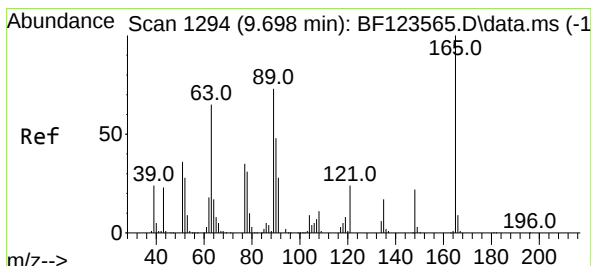
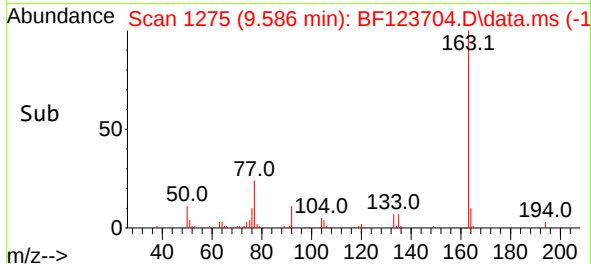
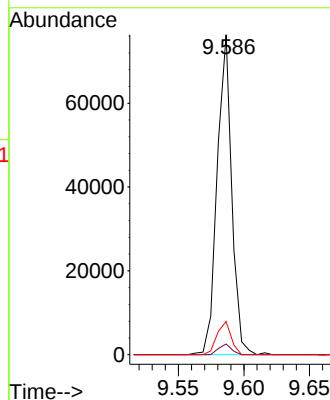
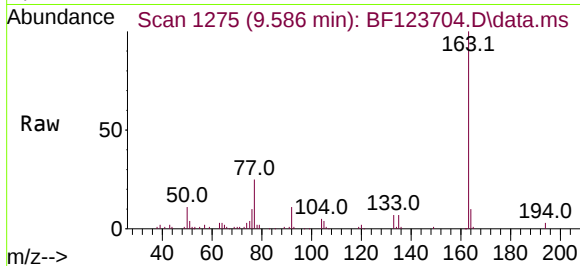




#50
Dimethylphthalate
Concen: 2.26 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.023 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

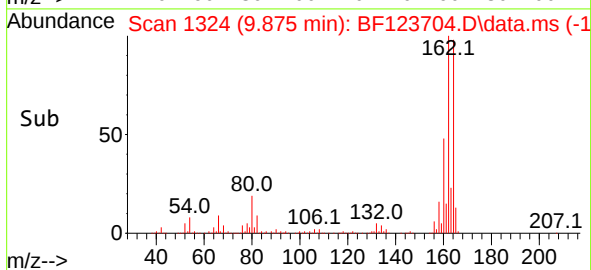
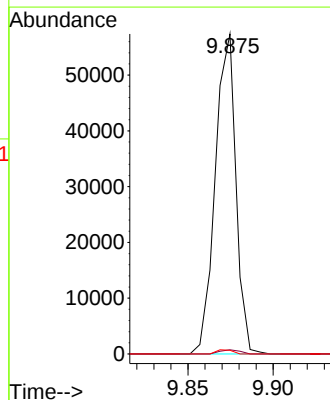
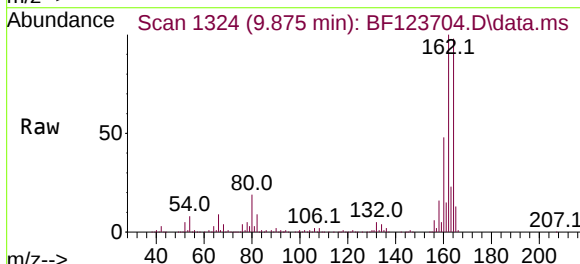
Instrument :
BNA_F
ClientSampled :
PE-5

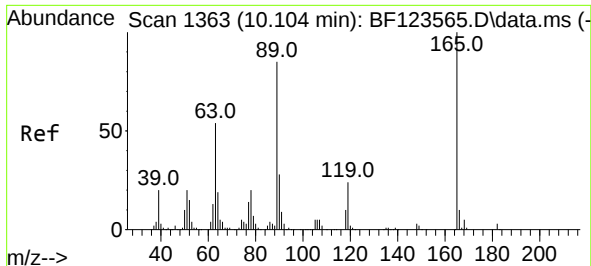
Tgt Ion:163 Resp: 58931
Ion Ratio Lower Upper
163 100
194 3.3 3.1 4.7
164 10.4 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.46 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

Tgt Ion:165 Resp: 48405
Ion Ratio Lower Upper
165 100
63 1.3 67.7 101.5#
89 1.1 58.8 88.2#

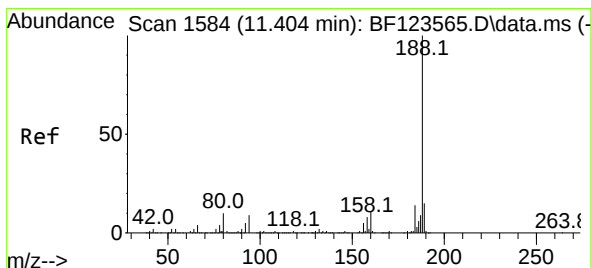
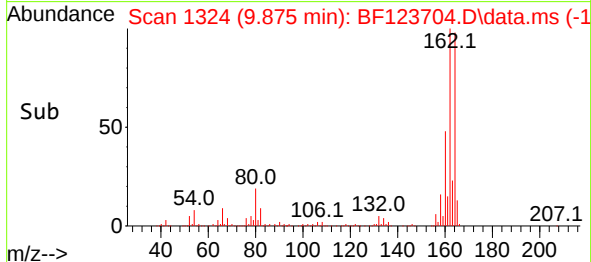
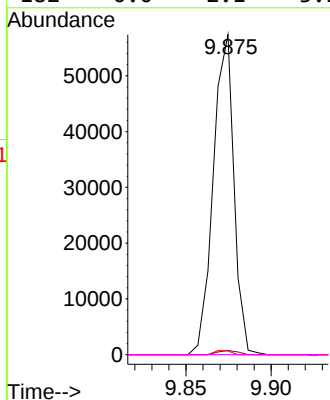
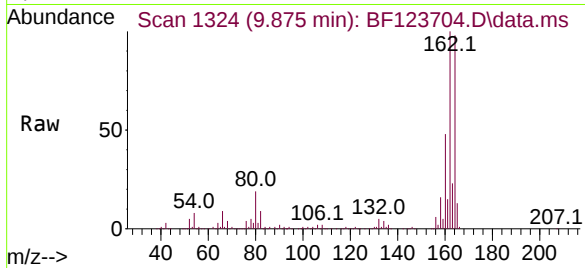




#57
2,4-Dinitrotoluene
Concen: 6.34 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.200 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

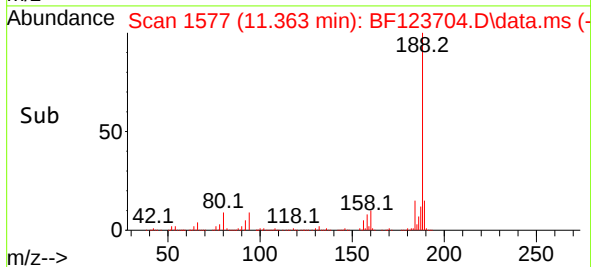
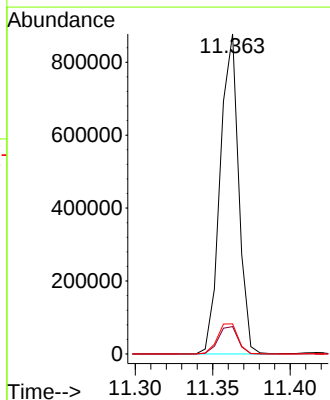
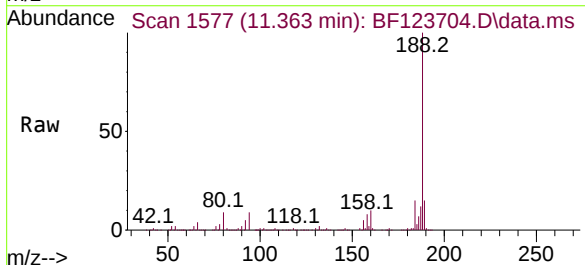
Instrument :
BNA_F
ClientSampled :
PE-5

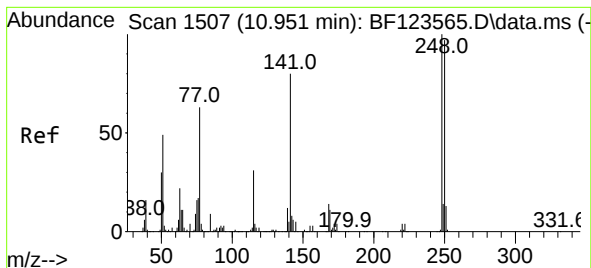
Tgt Ion:	165	Resp:	48405
Ion Ratio	Lower	Upper	
165	100		
63	1.3	43.5	65.3#
89	1.1	67.7	101.5#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

Tgt Ion:	188	Resp:	727458
Ion Ratio	Lower	Upper	
188	100		
94	8.6	6.9	10.3
80	9.4	8.2	12.2

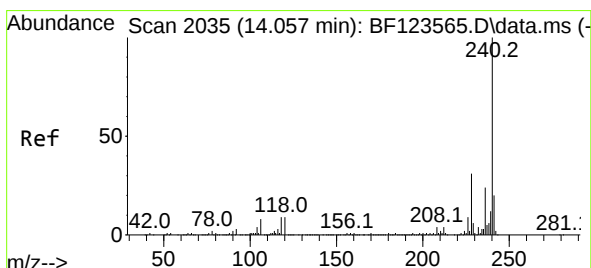
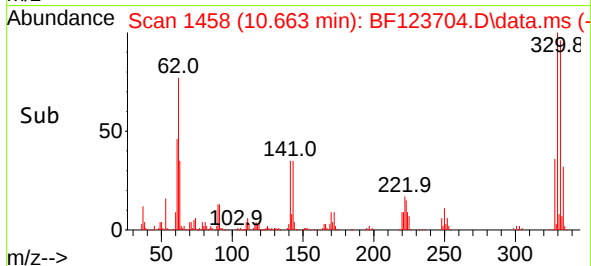
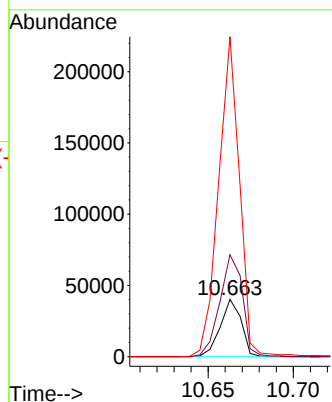
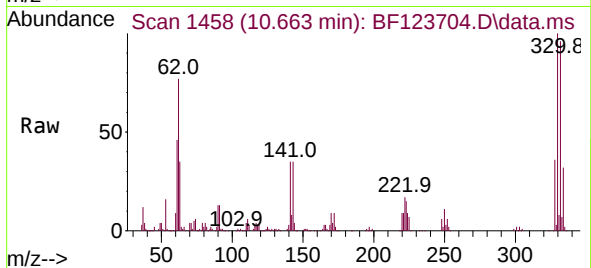




#67
4-Bromophenyl-phenylether
Concen: 4.52 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.253 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

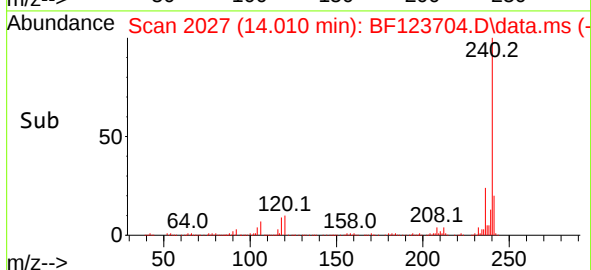
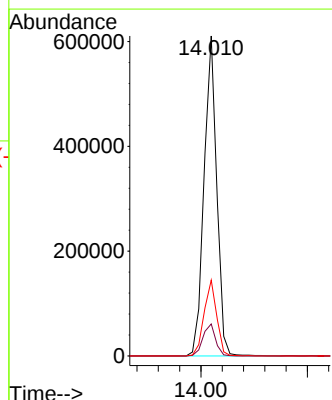
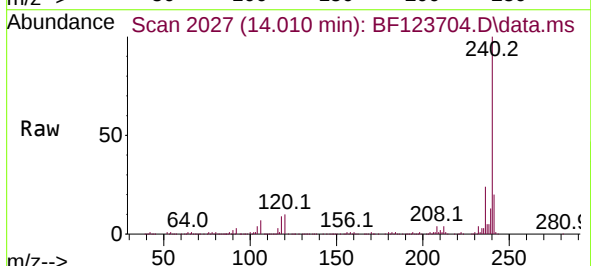
Instrument :
BNA_F
ClientSampled :
PE-5

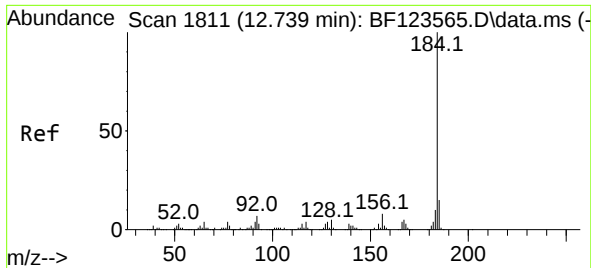
Tgt Ion:248 Resp: 34377
Ion Ratio Lower Upper
248 100
250 178.1 77.4 116.2#
141 559.2 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

Tgt Ion:240 Resp: 506400
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 23.7 19.0 28.4

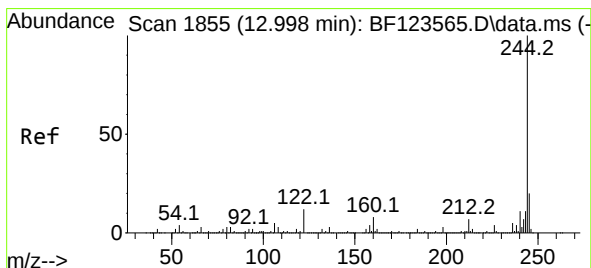
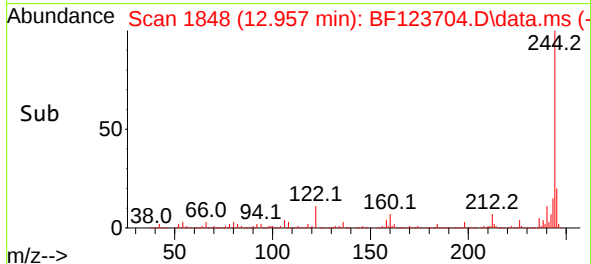
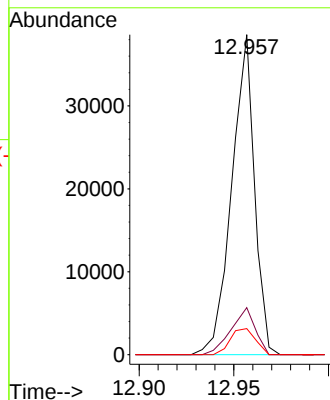
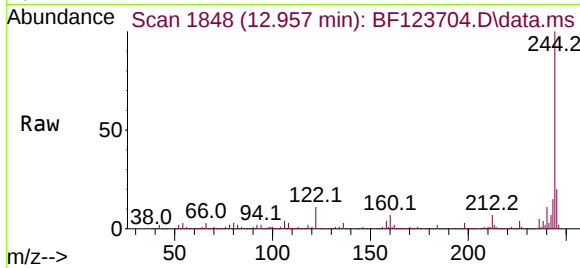




#77
Benzidine
Concen: 2.34 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

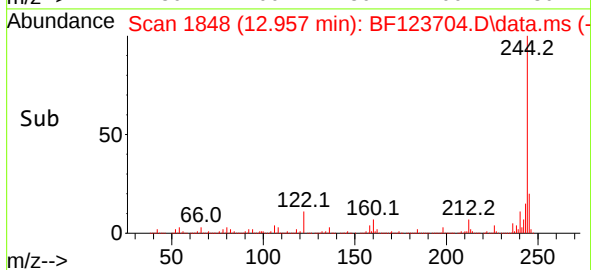
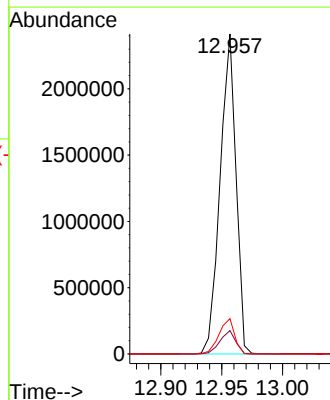
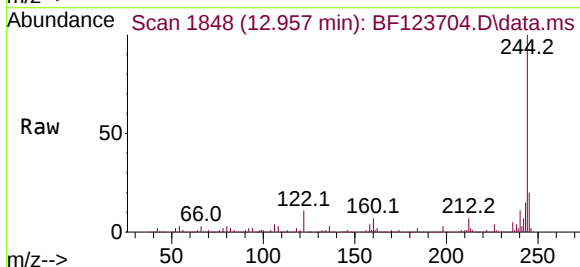
Instrument :
BNA_F
ClientSampled :
PE-5

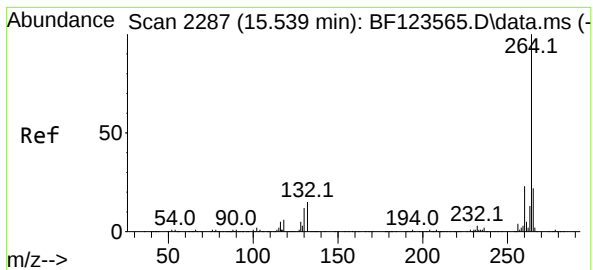
Tgt Ion:184 Resp: 32149
Ion Ratio Lower Upper
184 100
185 14.7 12.1 18.1
183 8.1 7.8 11.8



#79
Terphenyl-d14
Concen: 84.31 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

Tgt Ion:244 Resp: 2196703
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.1 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: BF123704.D
 Acq: 23 Apr 2021 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PE-5

Tgt Ion:	264	Resp:	431967
Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.7	28.1
265	19.8	17.8	26.8

