

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
 Data File : BF123703.D
 Acq On : 23 Apr 2021 20:26
 Operator : JU/CG
 Sample : M2151-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-3

Quant Time: Apr 26 01:47:18 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)

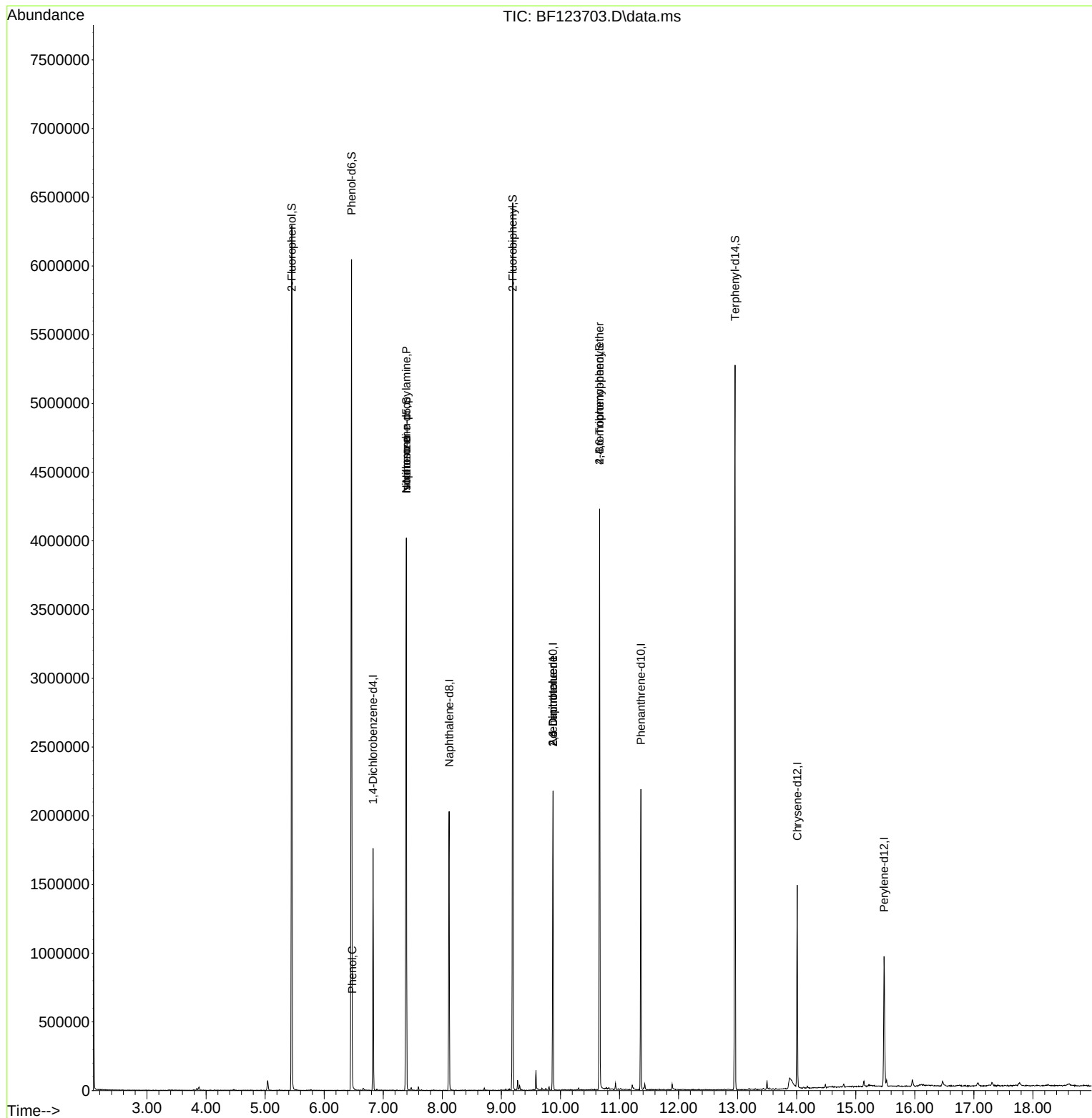
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	212561	20.00	ng	-0.01
21) Naphthalene-d8	8.116	136	805647	20.00	ng	-0.01
39) Acenaphthene-d10	9.874	164	392517	20.00	ng	-0.01
64) Phenanthrene-d10	11.363	188	721477	20.00	ng	-0.01
76) Chrysene-d12	14.009	240	472042	20.00	ng	-0.01
86) Perylene-d12	15.480	264	416257	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1327564	100.94	ng	0.00
7) Phenol-d6	6.463	99	1734159	95.16	ng	-0.01
23) Nitrobenzene-d5	7.392	82	1221990	69.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	450525	101.36	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1766178	67.08	ng	-0.01
79) Terphenyl-d14	12.957	244	1683763	69.33	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.475	94	50327	2.60	ng	90
19) n-Nitroso-di-n-propyla...	7.392	70	162604	13.47	ng	# 73
25) Isophorone	7.392	82	1219756	35.88	ng	# 69
51) 2,6-Dinitrotoluene	9.874	165	51439	8.64	ng	# 12
57) 2,4-Dinitrotoluene	9.874	165	51439	6.47	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	23730	3.15	ng	# 1
89) Benzo(k)fluoranthene	15.080	252	414	Below Cal	#	33
92) Benzo(g,h,i)perylene	17.392	276	138	Below Cal	#	56

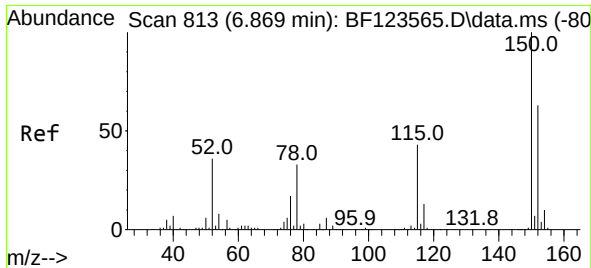
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 26 01:47:18 2021
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Response via : Initial Calibration

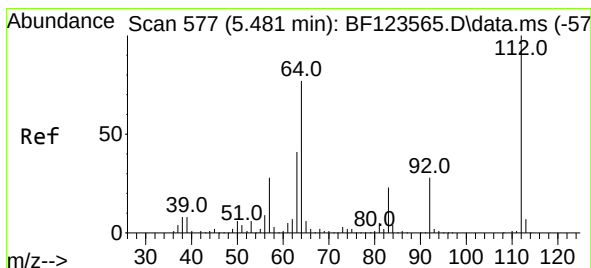
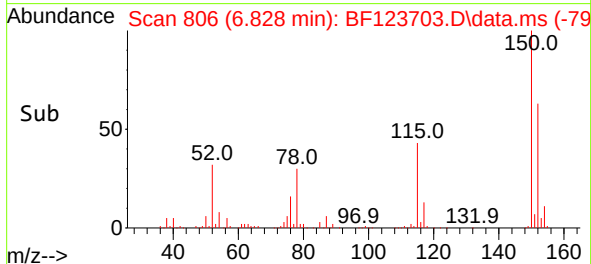
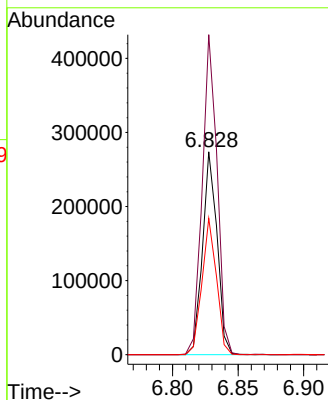
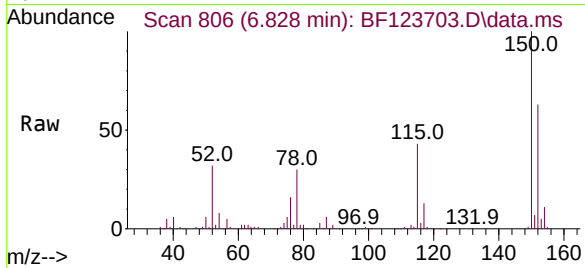




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.011 min
Lab File: BF123703.D
Acq: 23 Apr 2021 20:26

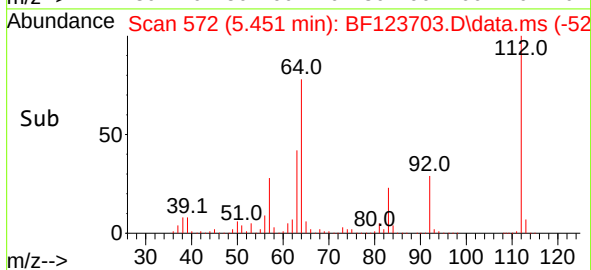
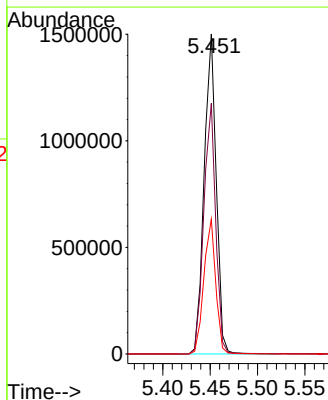
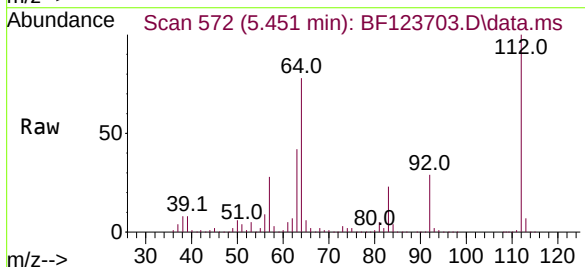
Instrument :
BNA_F
ClientSampled :
PE-3

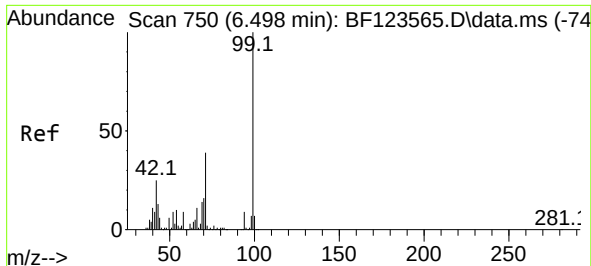
Tgt Ion:152 Resp: 212561
Ion Ratio Lower Upper
152 100
150 157.7 127.0 190.6
115 67.2 54.3 81.5



#5
2-Fluorophenol
Concen: 100.94 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF123703.D
Acq: 23 Apr 2021 20:26

Tgt Ion:112 Resp: 1327564
Ion Ratio Lower Upper
112 100
64 78.3 61.4 92.0
63 42.1 33.0 49.4



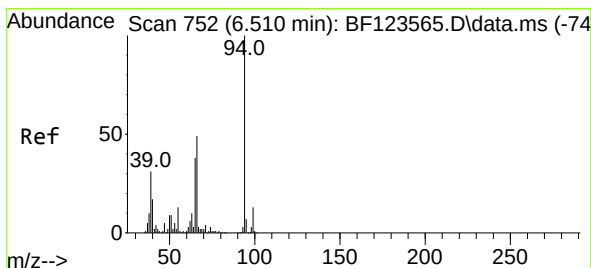
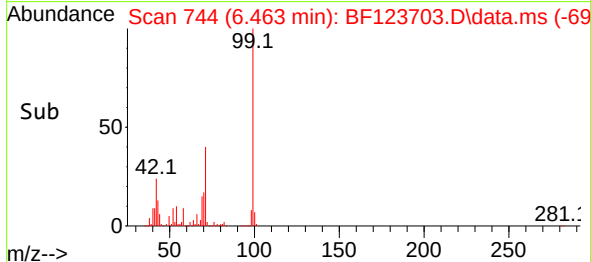
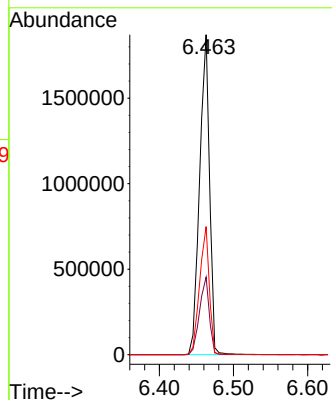
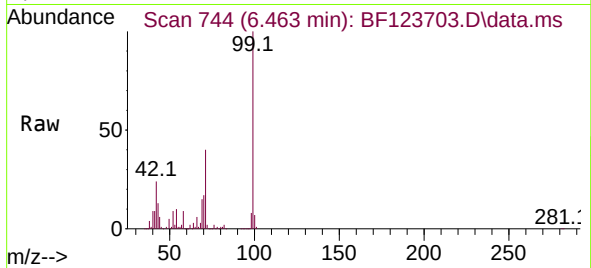


#7
Phenol-d6
Concen: 95.16 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF123703.D
Acq: 23 Apr 2021 20:26

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion: 99 Resp: 1734159

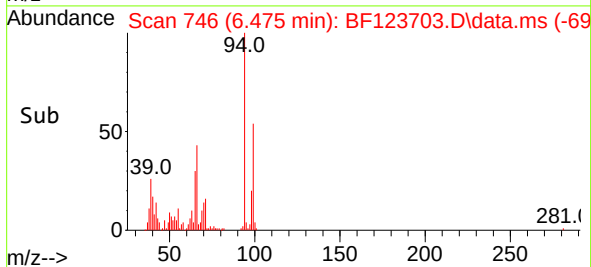
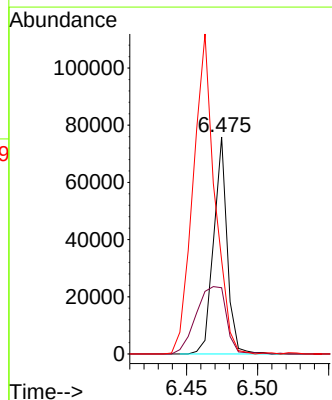
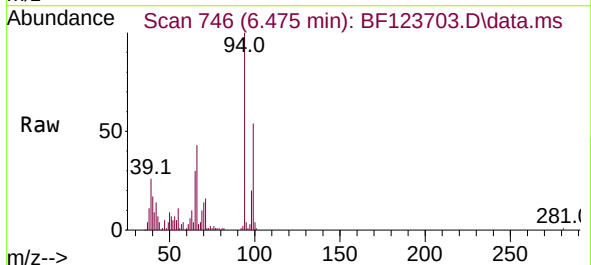
Ion	Ratio	Lower	Upper
99	100		
42	24.2	19.8	29.8
71	40.1	31.1	46.7

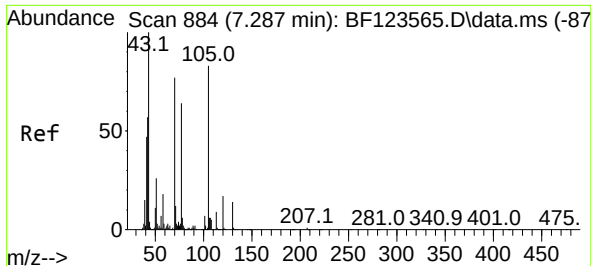


#10
Phenol
Concen: 2.60 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF123703.D
Acq: 23 Apr 2021 20:26

Tgt Ion: 94 Resp: 50327

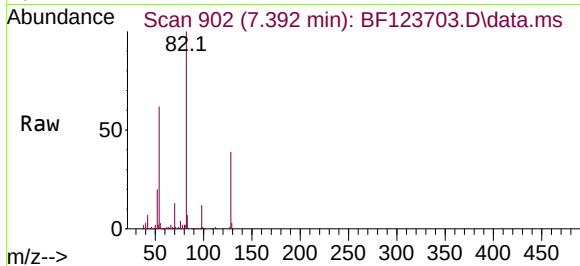
Ion	Ratio	Lower	Upper
94	100		
65	30.5	18.1	58.1
66	43.2	29.0	69.0



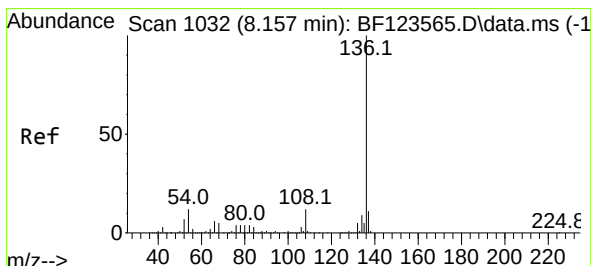
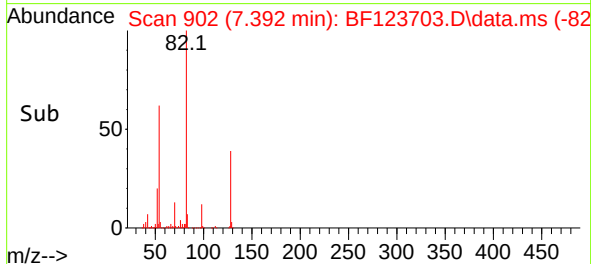
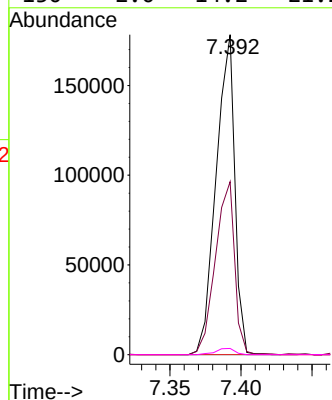


#19
n-Nitroso-di-n-propylamine
Concen: 13.47 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.135 min
Lab File: BF123703.D
Acq: 23 Apr 2021 20:26

Instrument :
BNA_F
ClientSampled :
PE-3

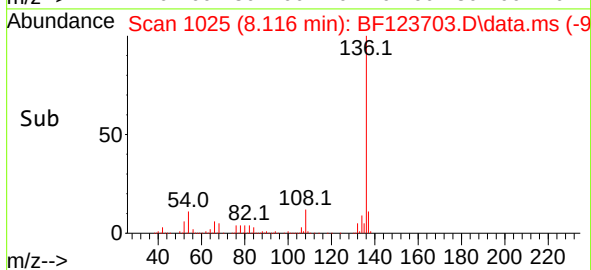
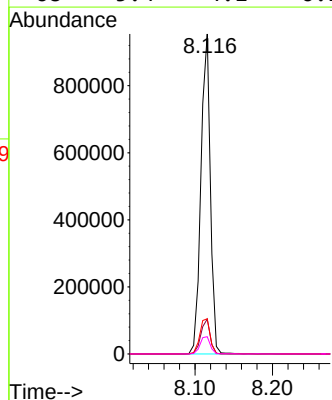
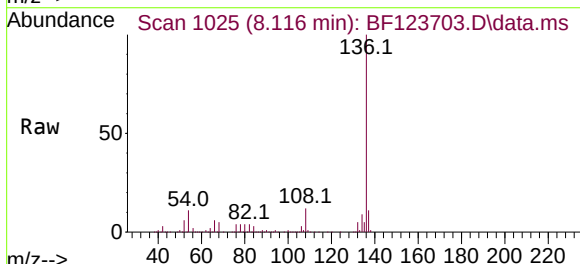


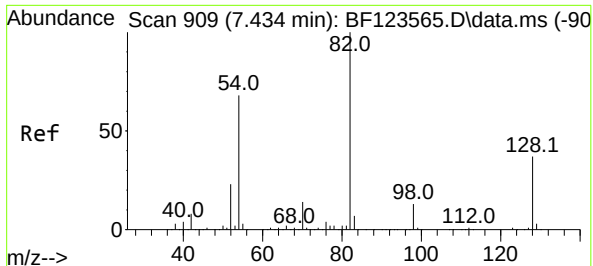
Tgt Ion: 70 Resp: 162604
Ion Ratio Lower Upper
70 100
42 54.1 60.1 90.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF123703.D
Acq: 23 Apr 2021 20:26

Tgt Ion: 136 Resp: 805647
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 11.0 9.8 14.6
68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 69.73 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.012 min

Lab File: BF123703.D

Acq: 23 Apr 2021 20:26

Tgt Ion: 82 Resp: 1221990

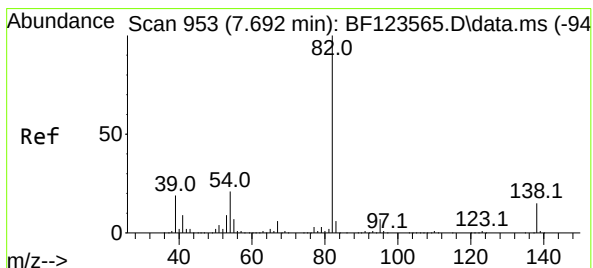
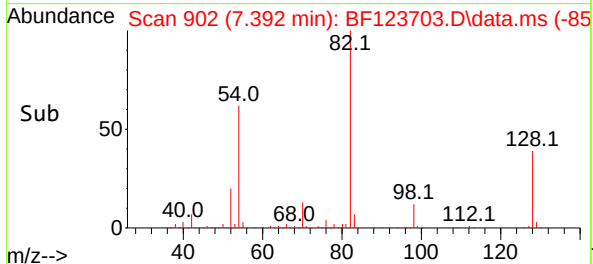
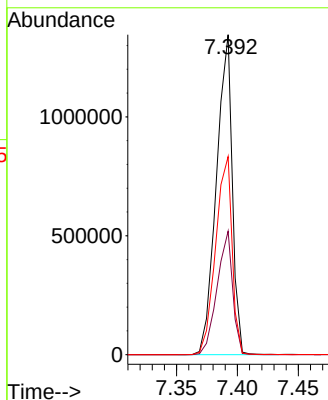
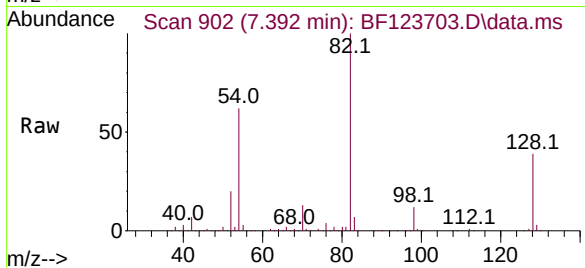
Ion	Ratio	Lower	Upper
82	100		
128	38.6	29.4	44.2
54	61.9	54.1	81.1

Instrument :

BNA_F

ClientSampled :

PE-3



#25

Isophorone

Concen: 35.88 ng

RT: 7.392 min Scan# 902

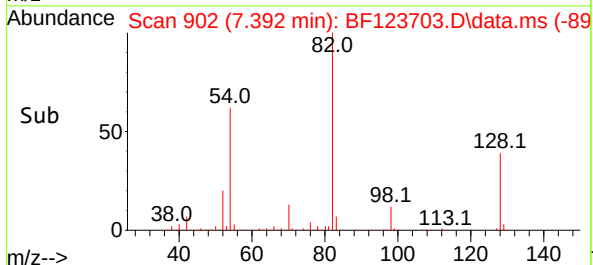
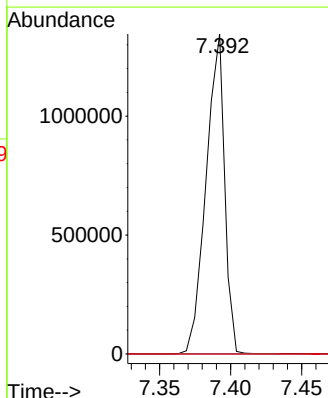
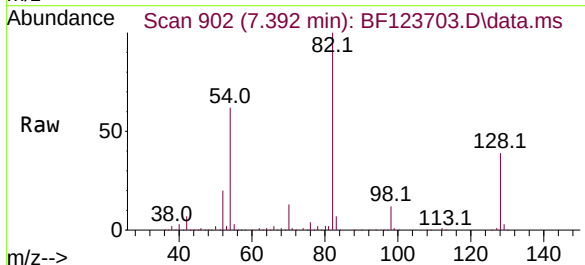
Delta R.T. -0.271 min

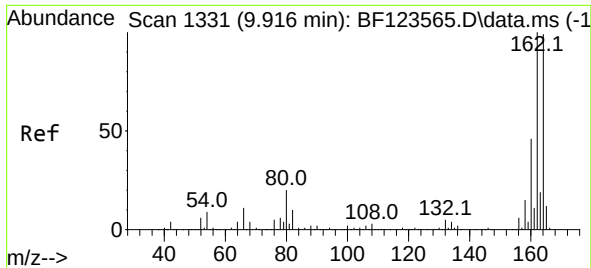
Lab File: BF123703.D

Acq: 23 Apr 2021 20:26

Tgt Ion: 82 Resp: 1219756

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

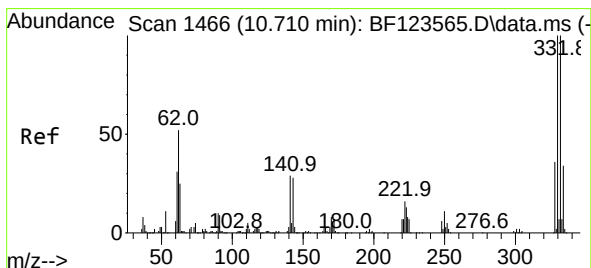
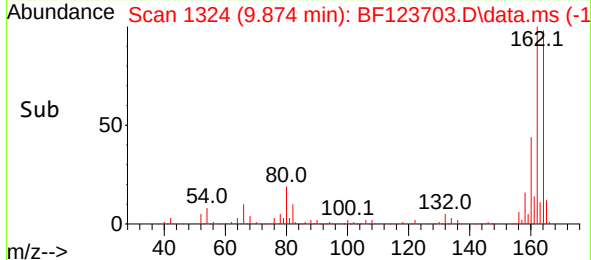
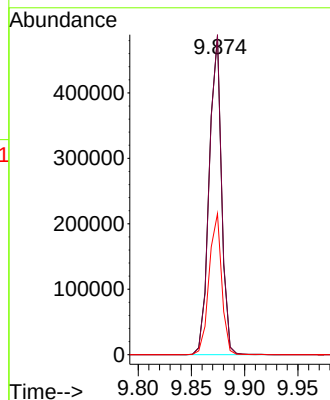
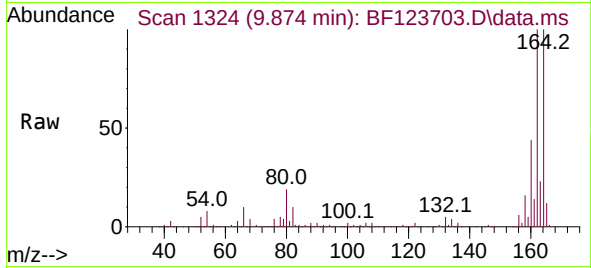




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF123703.D
Acq: 23 Apr 2021 20:26

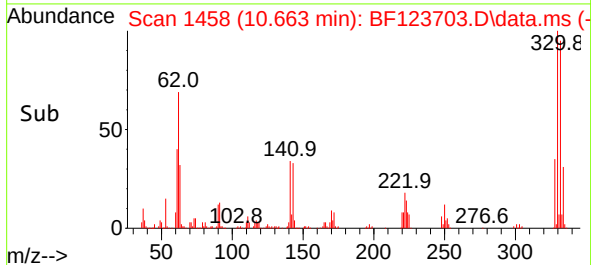
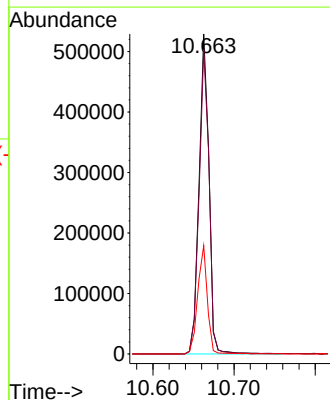
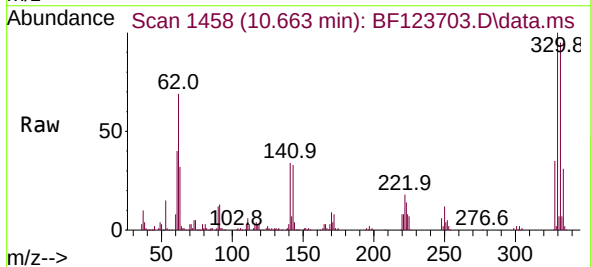
Instrument :
BNA_F
ClientSampled :
PE-3

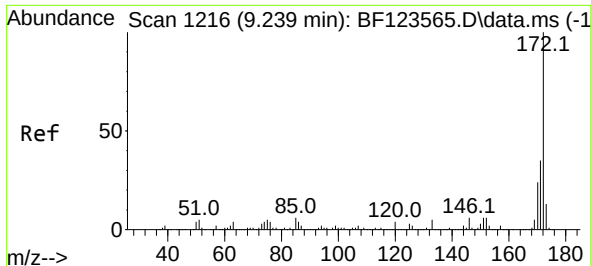
Tgt Ion:164 Resp: 392517
Ion Ratio Lower Upper
164 100
162 100.5 80.7 121.1
160 44.3 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 101.36 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF123703.D
Acq: 23 Apr 2021 20:26

Tgt Ion:330 Resp: 450525
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 33.0 27.9 41.9

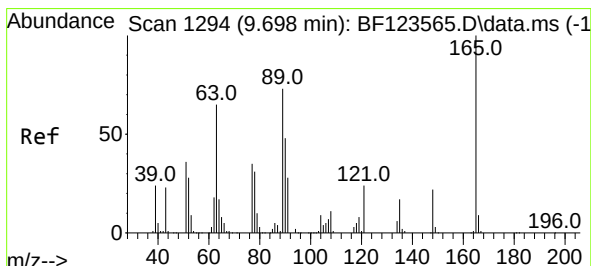
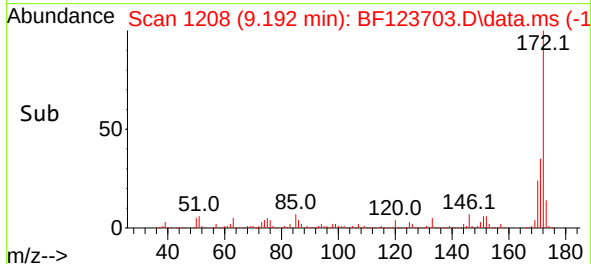
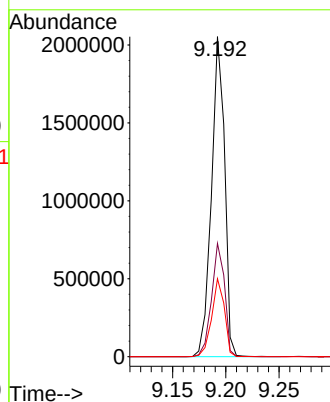
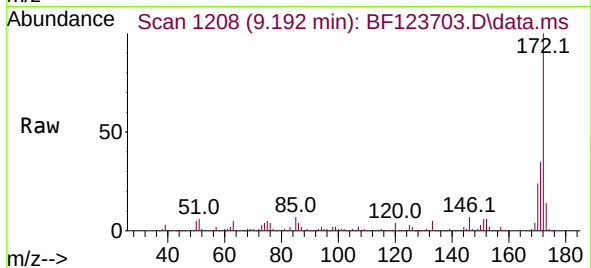




#45
2-Fluorobiphenyl
Concen: 67.08 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF123703.D
Acq: 23 Apr 2021 20:26

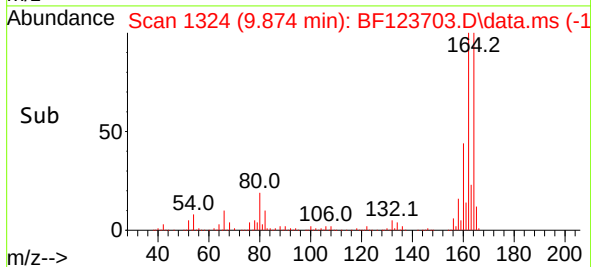
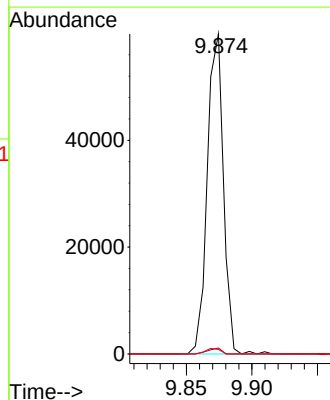
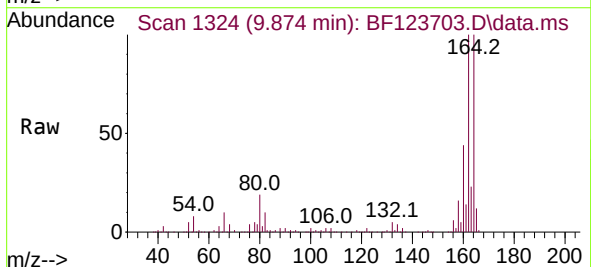
Instrument :
BNA_F
ClientSampled :
PE-3

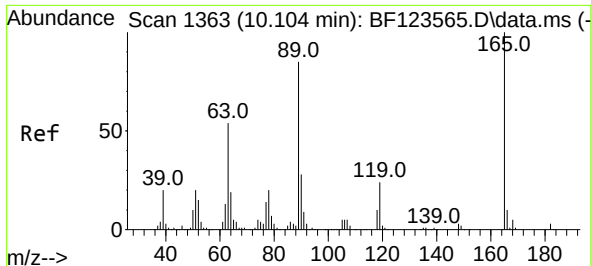
Tgt Ion:172 Resp: 1766178
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 24.4 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.64 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF123703.D
Acq: 23 Apr 2021 20:26

Tgt Ion:165 Resp: 51439
Ion Ratio Lower Upper
165 100
63 1.9 67.7 101.5#
89 1.4 58.8 88.2#

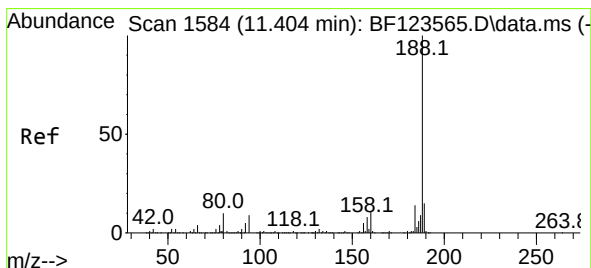
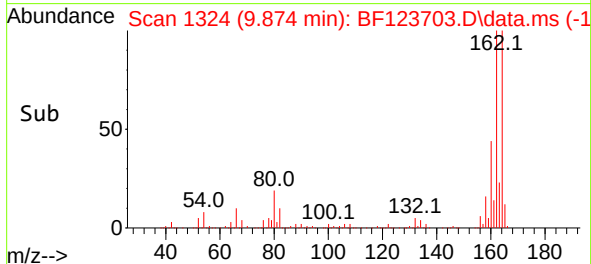
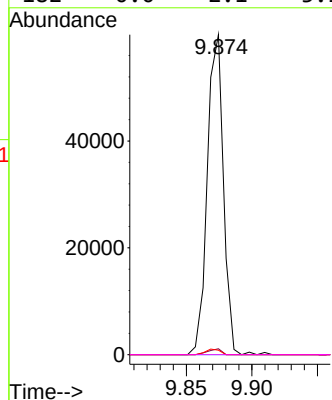
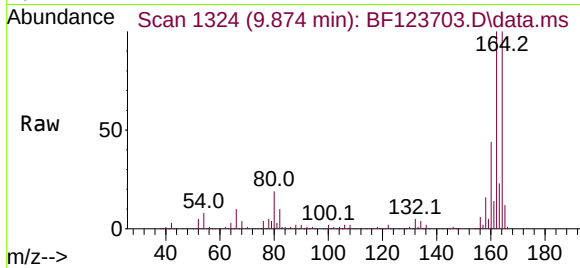




#57
2,4-Dinitrotoluene
Concen: 6.47 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.200 min
Lab File: BF123703.D
Acq: 23 Apr 2021 20:26

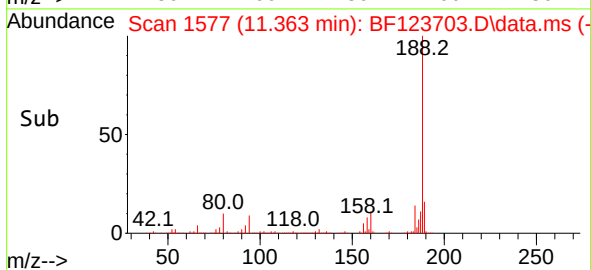
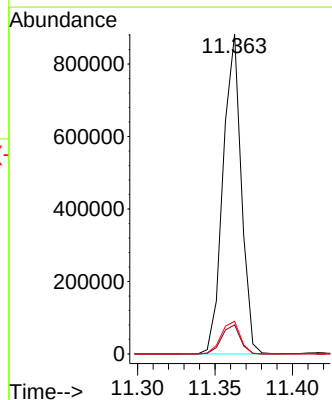
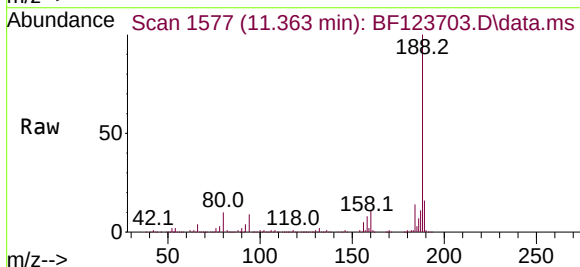
Instrument :
BNA_F
ClientSampled :
PE-3

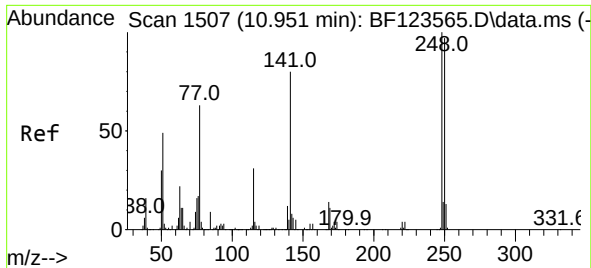
Tgt Ion:	165	Resp:	51439
Ion Ratio	Lower	Upper	
165	100		
63	1.9	43.5	65.3#
89	1.4	67.7	101.5#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF123703.D
Acq: 23 Apr 2021 20:26

Tgt Ion:	188	Resp:	721477
Ion Ratio	Lower	Upper	
188	100		
94	9.1	6.9	10.3
80	10.2	8.2	12.2

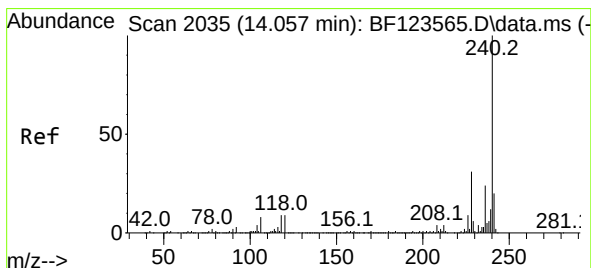
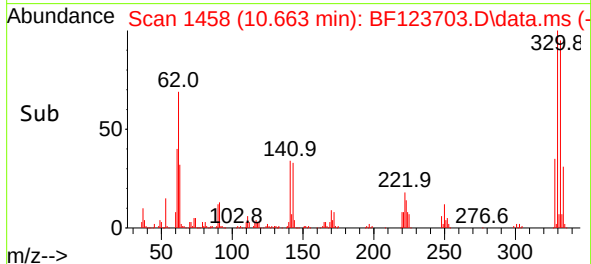
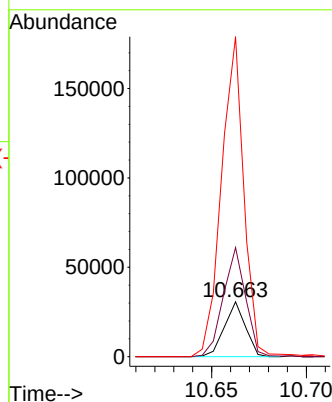
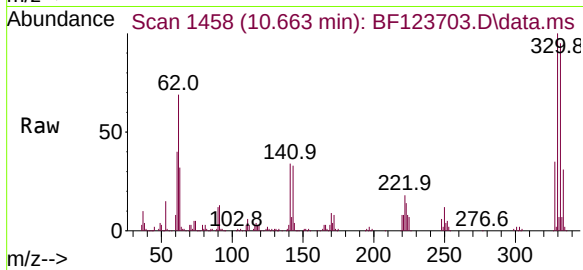




#67
4-Bromophenyl-phenylether
Concen: 3.15 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.253 min
Lab File: BF123703.D
Acq: 23 Apr 2021 20:26

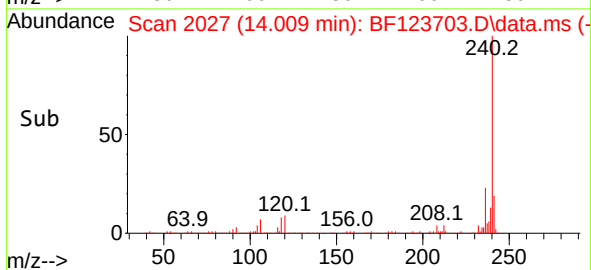
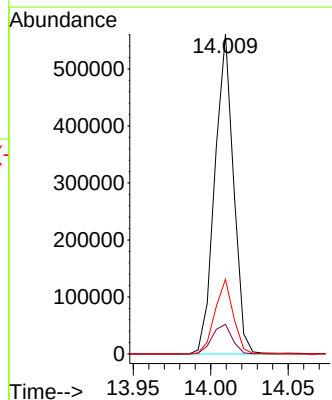
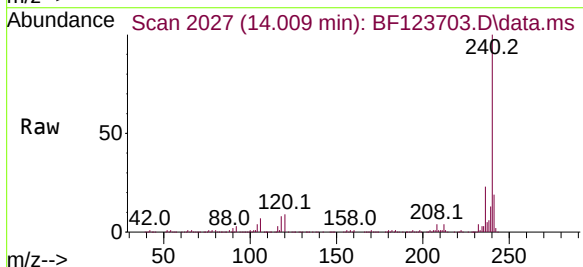
Instrument :
BNA_F
ClientSampled :
PE-3

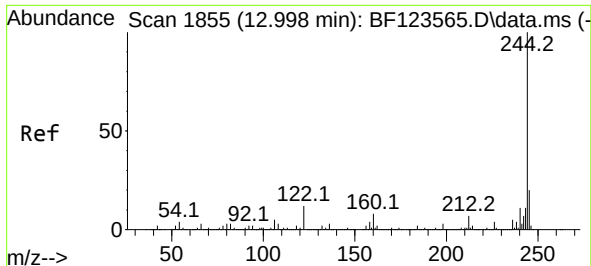
Tgt Ion:248 Resp: 23730
Ion Ratio Lower Upper
248 100
250 198.9 77.4 116.2#
141 583.2 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF123703.D
Acq: 23 Apr 2021 20:26

Tgt Ion:240 Resp: 472042
Ion Ratio Lower Upper
240 100
120 9.2 7.2 10.8
236 23.4 19.0 28.4

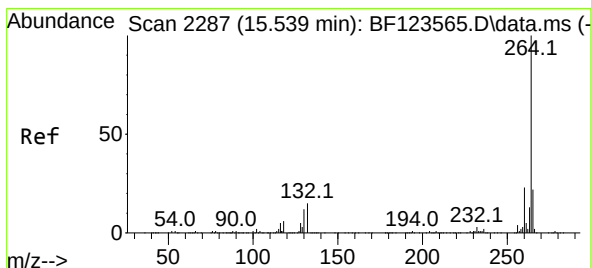
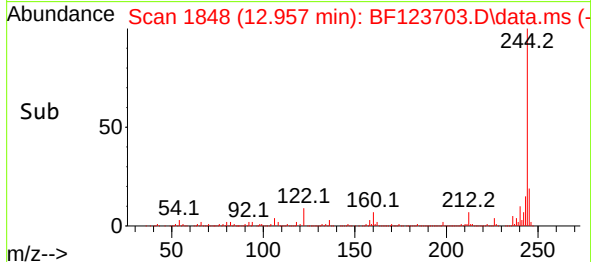
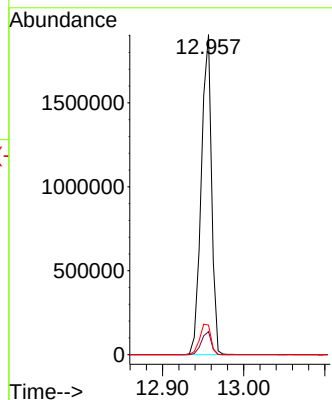
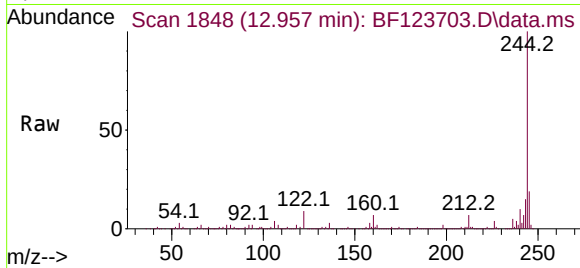




#79
 Terphenyl-d14
 Concen: 69.33 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF123703.D
 Acq: 23 Apr 2021 20:26

Instrument :
 BNA_F
 ClientSampleId :
 PE-3

Tgt Ion:244 Resp: 1683763
 Ion Ratio Lower Upper
 244 100
 212 7.2 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: BF123703.D
 Acq: 23 Apr 2021 20:26

Tgt Ion:264 Resp: 416257
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.7 28.1
 265 20.8 17.8 26.8

