

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)

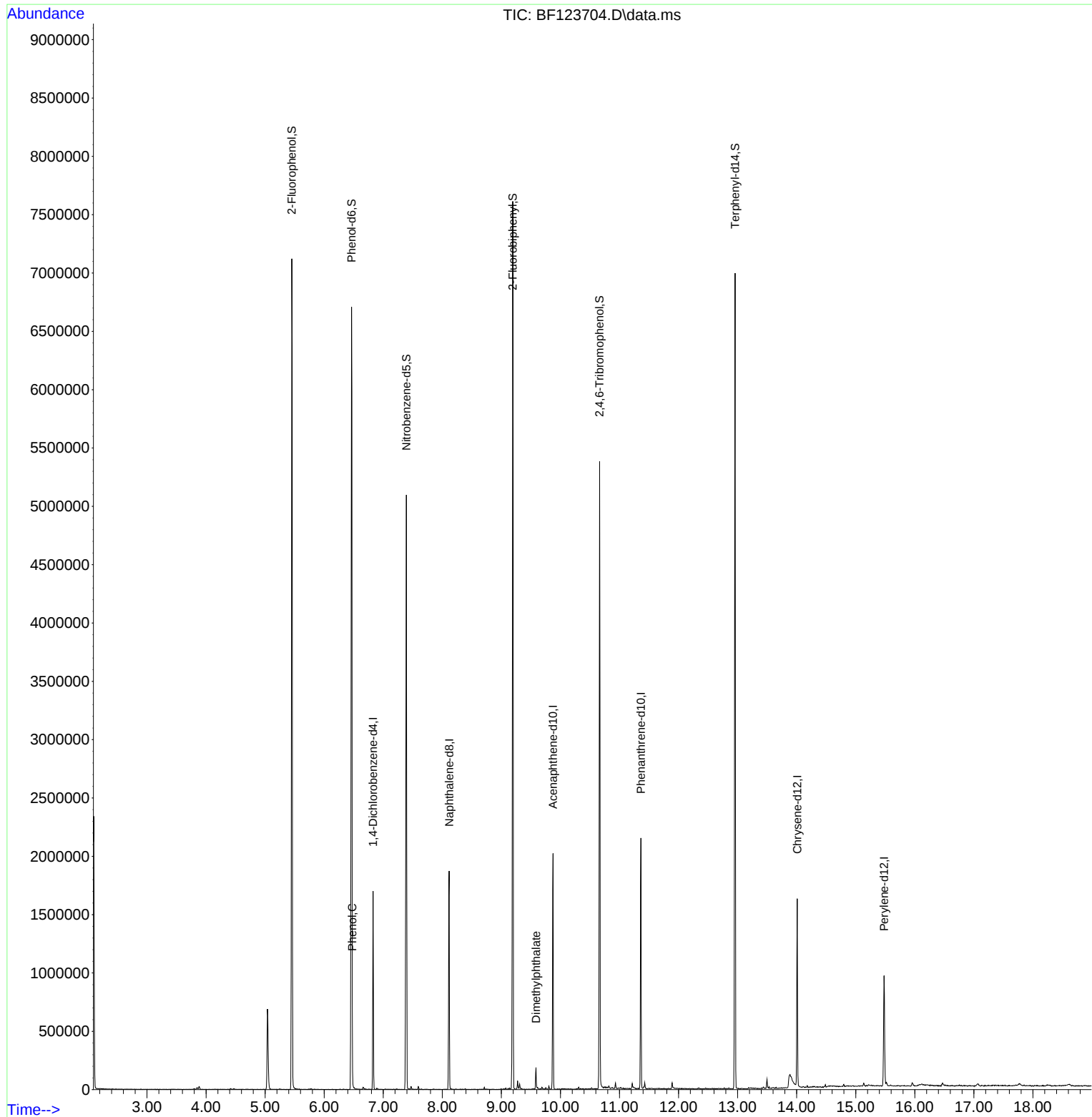
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	205396	20.00	ng	-0.01
21) Naphthalene-d8	8.116	136	778539	20.00	ng	-0.01
39) Acenaphthene-d10	9.875	164	377093	20.00	ng	-0.01
64) Phenanthrene-d10	11.363	188	727458	20.00	ng	-0.01
76) Chrysene-d12	14.010	240	506400	20.00	ng	-0.01
86) Perylene-d12	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
50) Dimethylphthalate	9.586	163	58931	2.26	ng	99

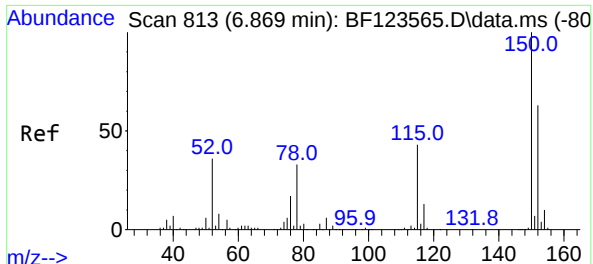
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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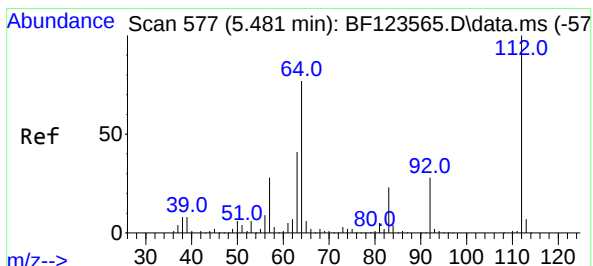
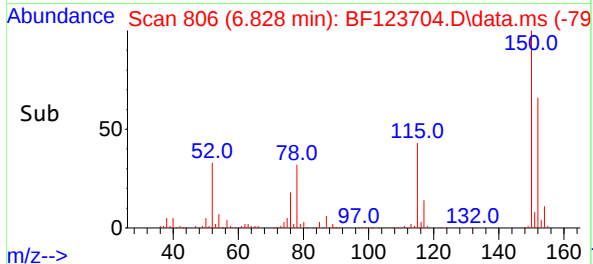
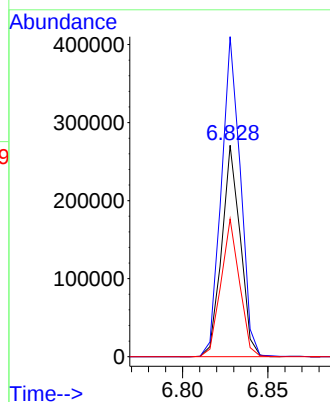
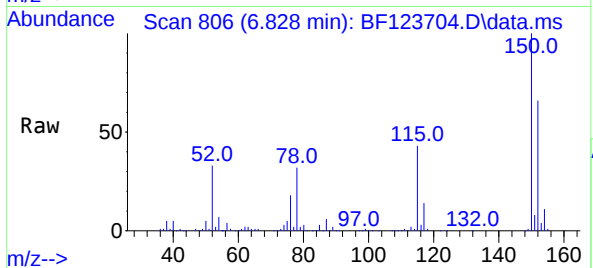




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.011 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

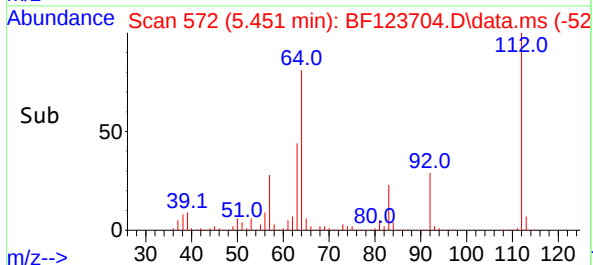
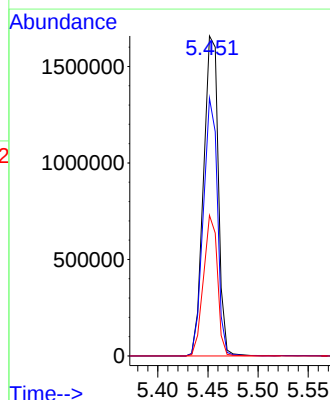
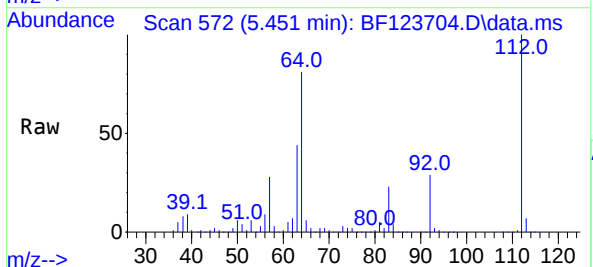
Instrument :
BNA_F
ClientSampled :
PE-5

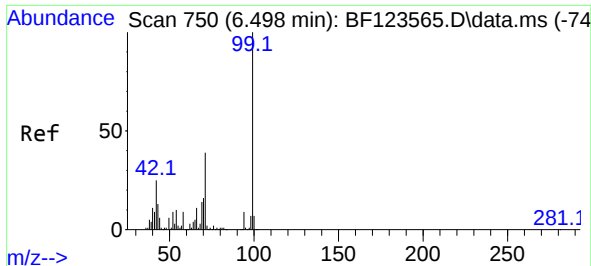
Tgt Ion:152 Resp: 205396
Ion Ratio Lower Upper
152 100
150 151.4 127.0 190.6
115 65.2 54.3 81.5



#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



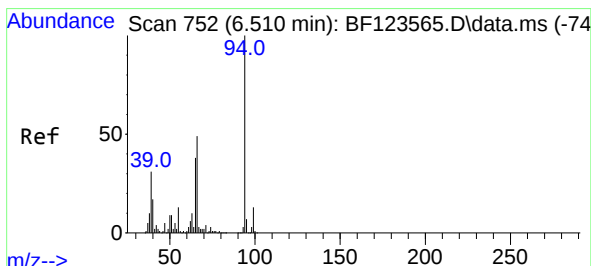
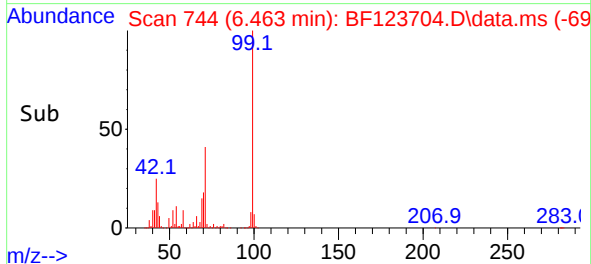
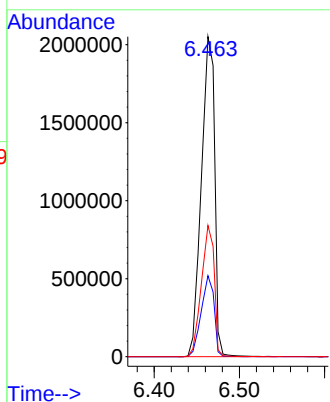
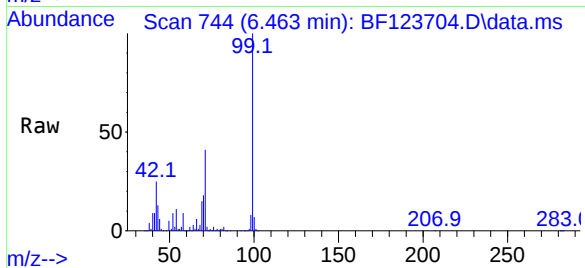


#7
Phenol-d6
Concen: 126.12 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

Instrument :
BNA_F
ClientSampled :
PE-5

Tgt Ion: 99 Resp: 2220897

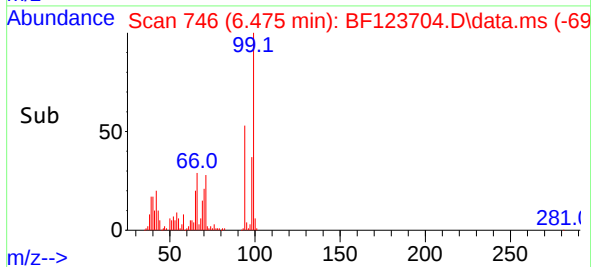
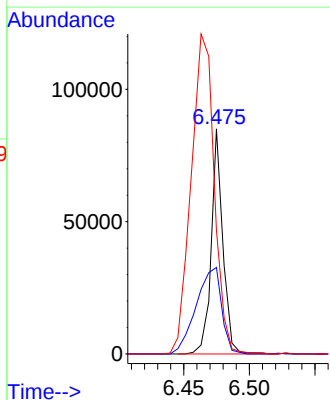
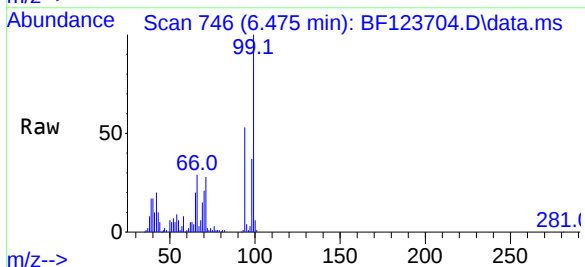
Ion	Ratio	Lower	Upper
99	100		
42	25.3	19.8	29.8
71	41.0	31.1	46.7

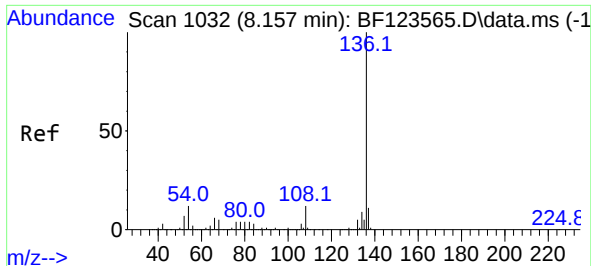


#10
Phenol
Concen: 2.80 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

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



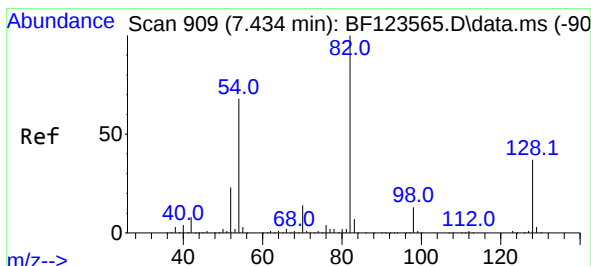
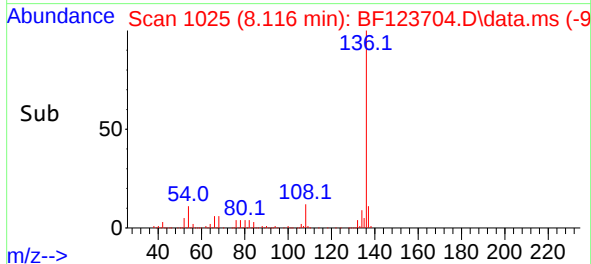
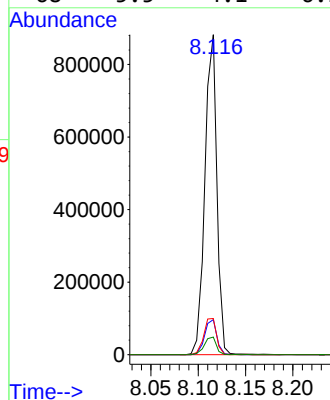
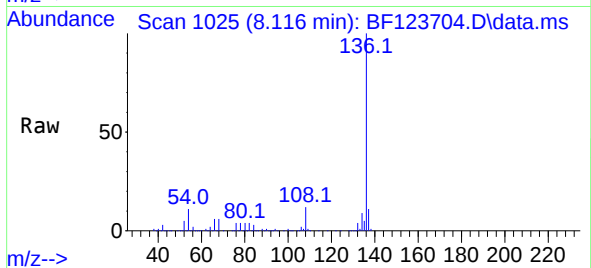


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

Instrument :
BNA_F
ClientSampled :
PE-5

Tgt Ion:136 Resp: 778539

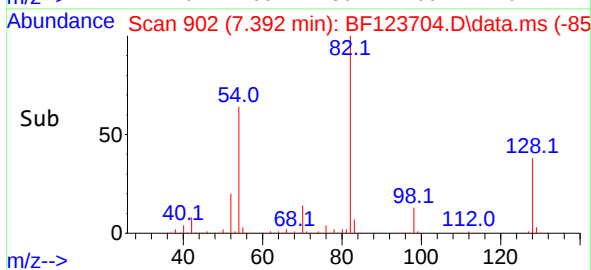
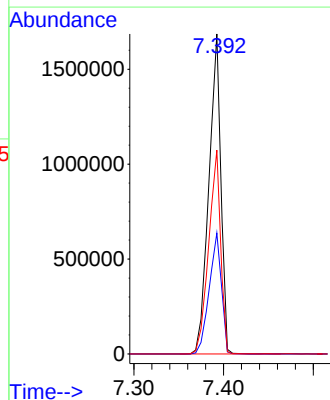
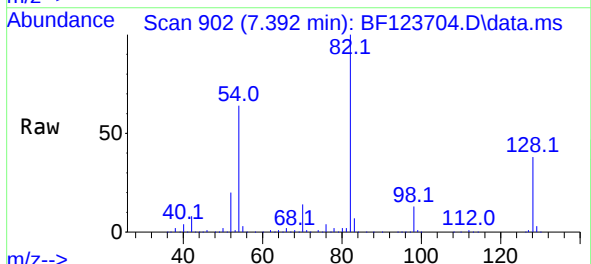
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.3	9.8	14.6
68	5.5	4.1	6.1

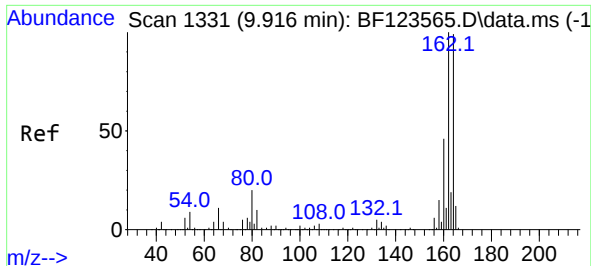


#23
Nitrobenzene-d5
Concen: 92.55 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

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

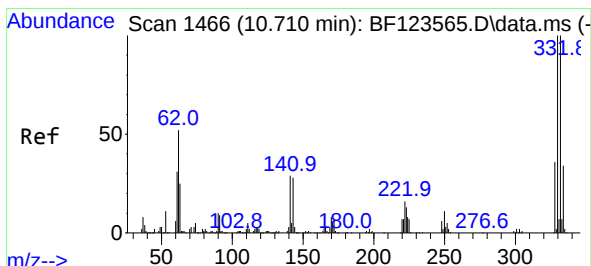
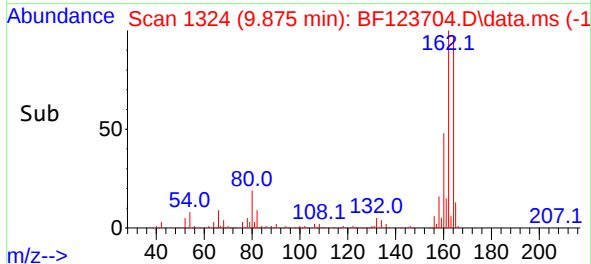
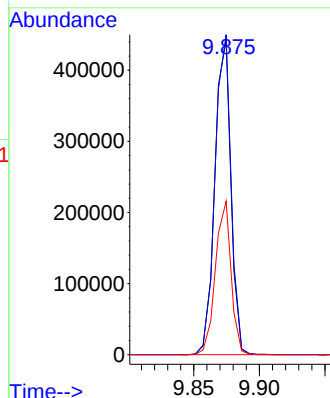
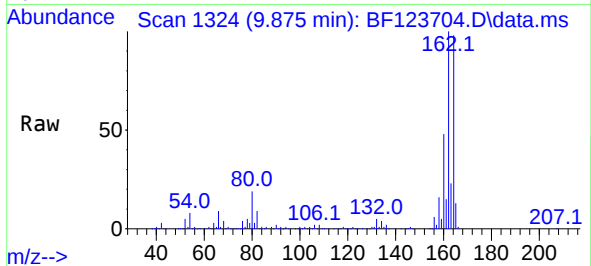




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

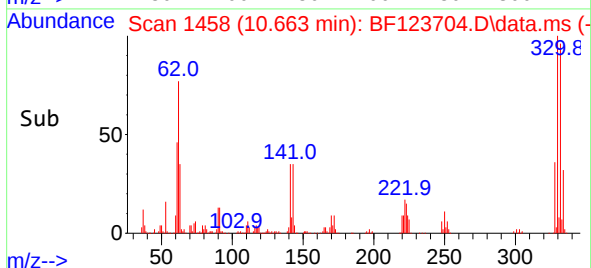
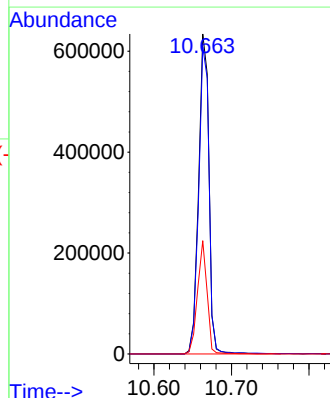
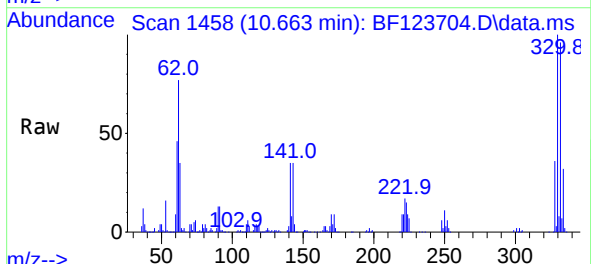
Instrument :
BNA_F
ClientSampled :
PE-5

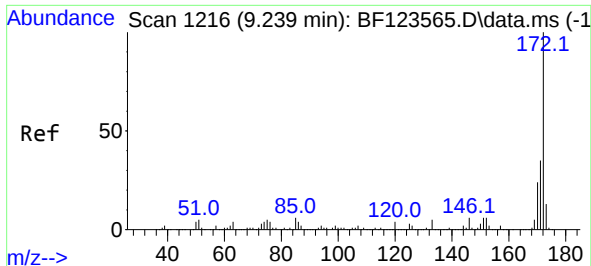
Tgt Ion:164 Resp: 377093
Ion Ratio Lower Upper
164 100
162 101.7 80.7 121.1
160 48.8 37.3 55.9



#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

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

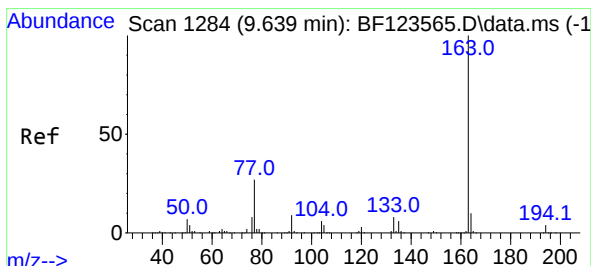
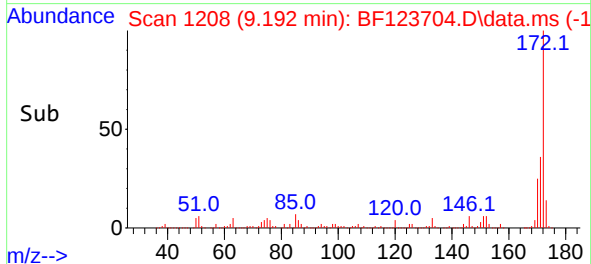
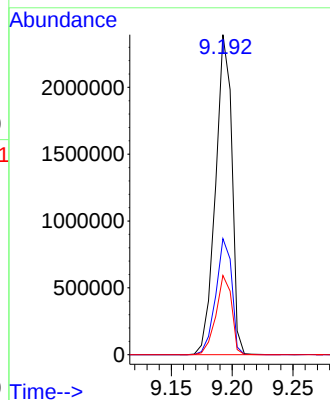
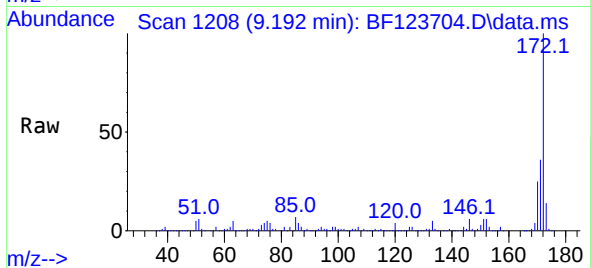




#45
2-Fluorobiphenyl
Concen: 88.16 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

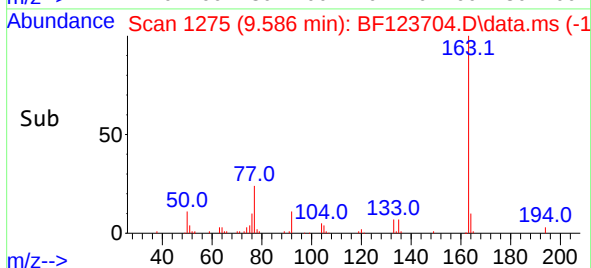
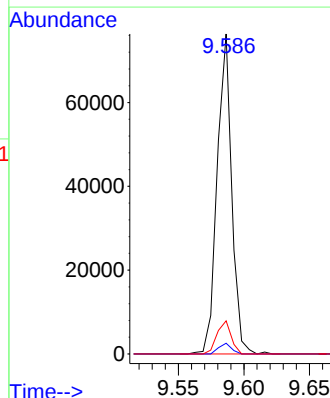
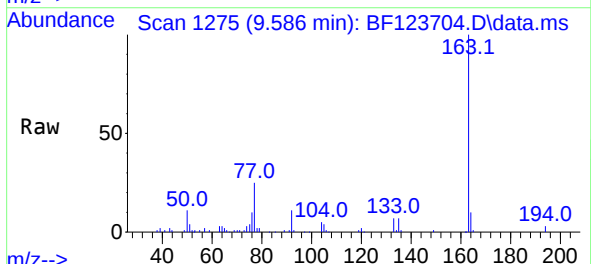
Instrument :
BNA_F
ClientSampled :
PE-5

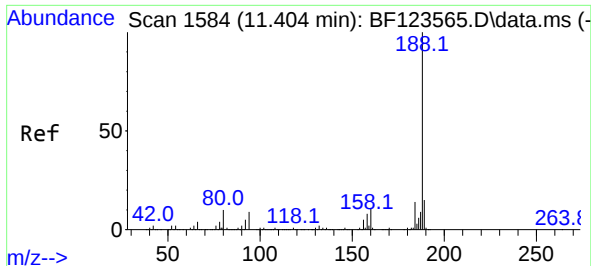
Tgt Ion:172 Resp: 2230026
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 24.7 19.2 28.8



#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

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



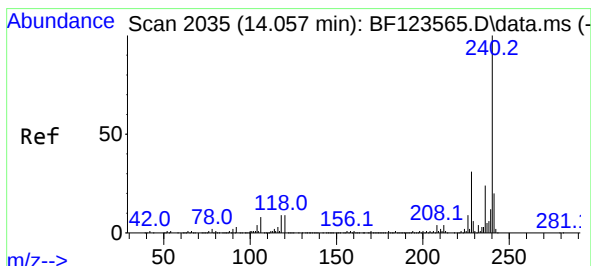
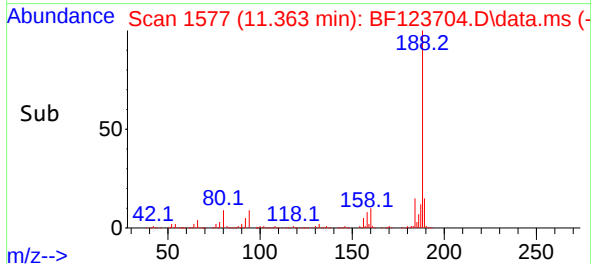
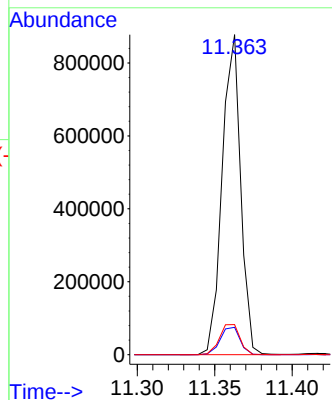
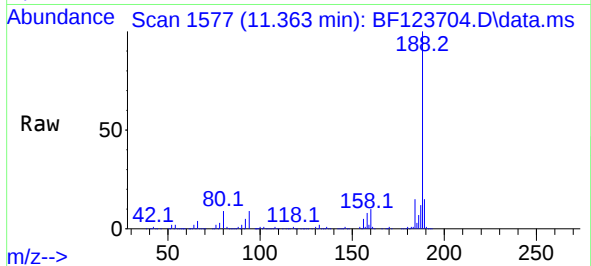


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

Instrument :
BNA_F
ClientSampled :
PE-5

Tgt Ion:188 Resp: 727458

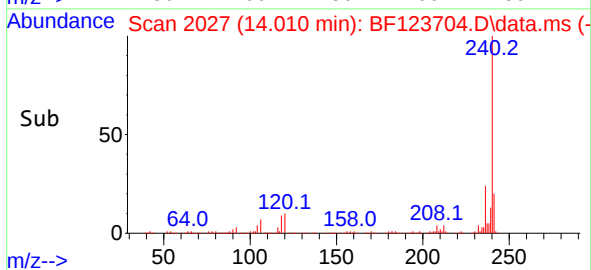
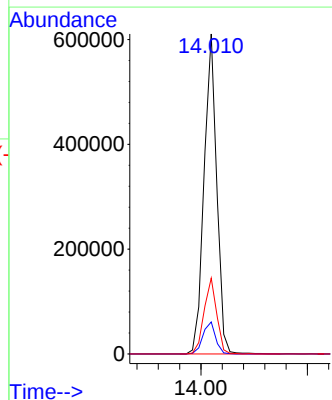
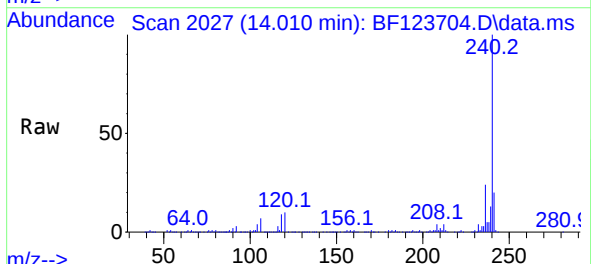
Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.9	10.3
80	9.4	8.2	12.2

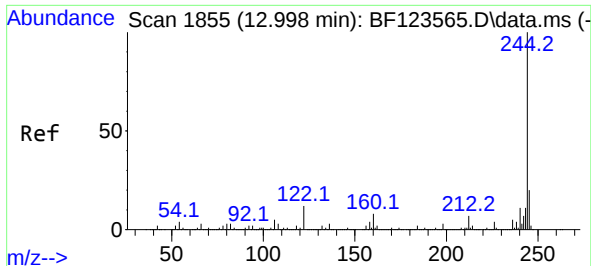


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF123704.D
Acq: 23 Apr 2021 20:57

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



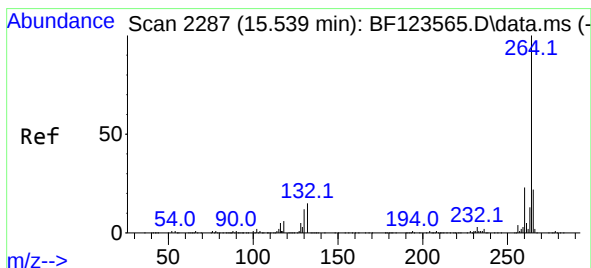
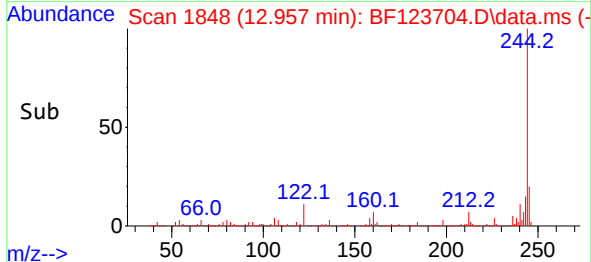
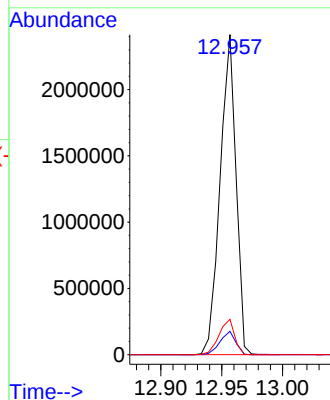
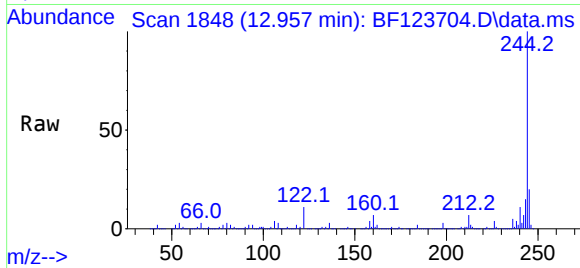


#79
 Terphenyl-d14
 Concen: 84.31 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF123704.D
 Acq: 23 Apr 2021 20:57

Instrument :
 BNA_F
 ClientSampled :
 PE-5

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

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

