

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
 Data File : BF123800.D
 Acq On : 4 May 2021 2:29
 Operator : JU/CG
 Sample : M2239-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-08-043021

Quant Time: May 04 03:06:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 27 16:30:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	284133	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	988503	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	400439	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	620542	20.00	ng	0.00
76) Chrysene-d12	13.980	240	478517	20.00	ng	0.00
86) Perylene-d12	15.439	264	345981	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	383771	21.40	ng	0.00
7) Phenol-d6	6.440	99	482580	19.53	ng	0.00
23) Nitrobenzene-d5	7.369	82	316602	14.46	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	83508	16.75	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	466655	16.97	ng	0.00
79) Terphenyl-d14	12.927	244	340137	13.69	ng	0.00

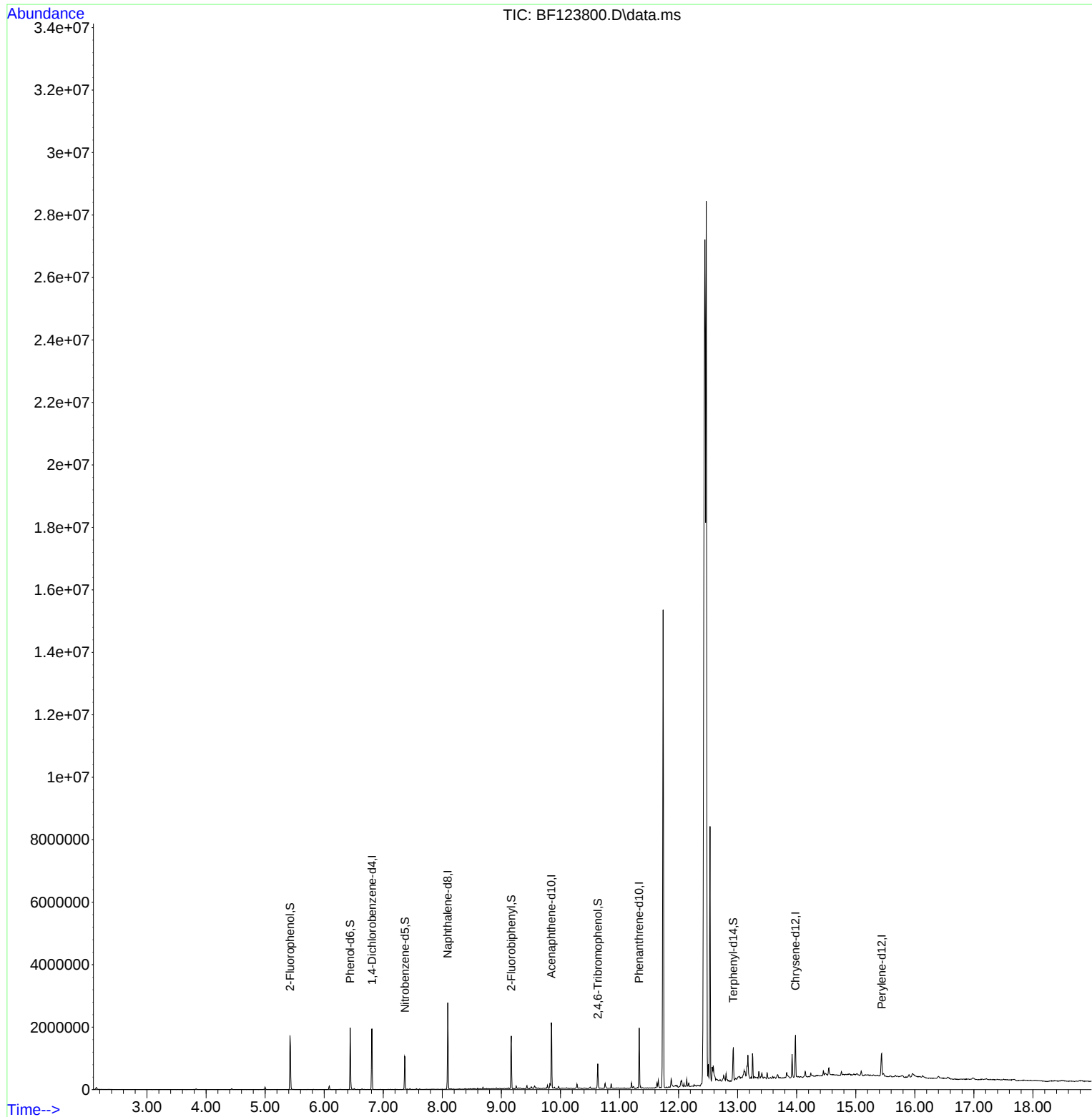
Target Compounds	Qvalue
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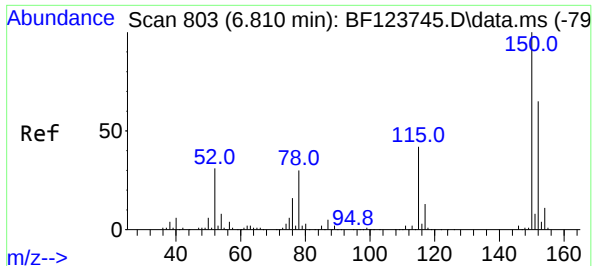
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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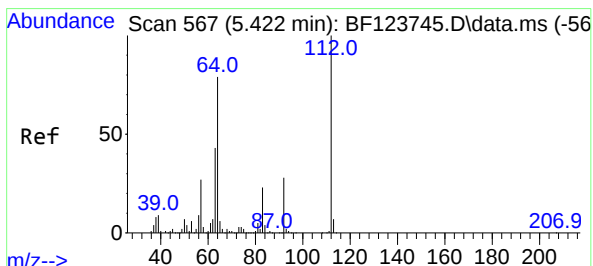
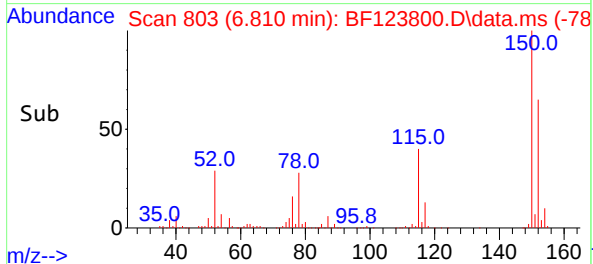
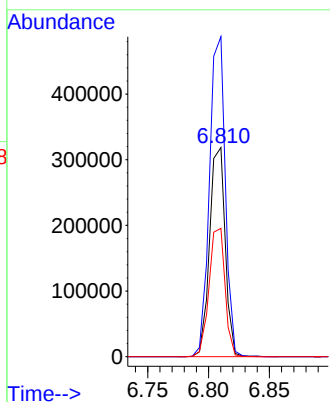
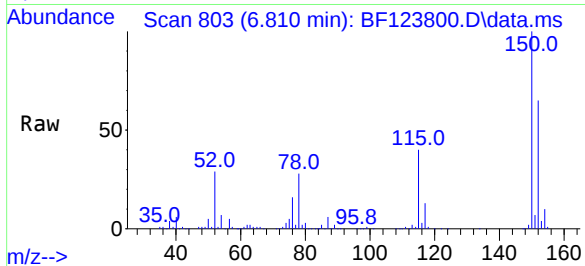




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

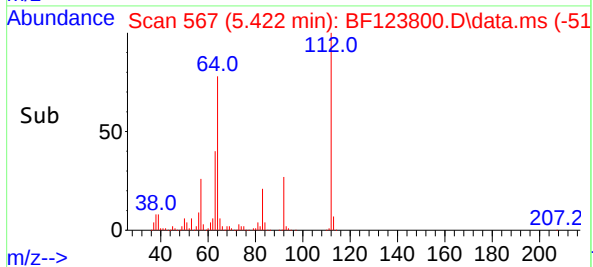
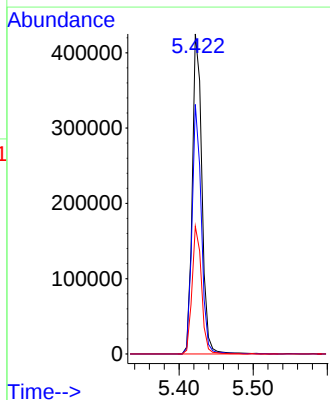
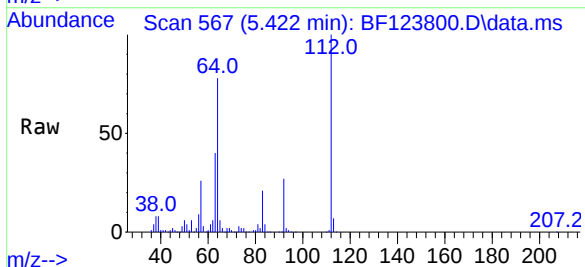
Instrument :
BNA_F
ClientSampleId :
TR-08-043021

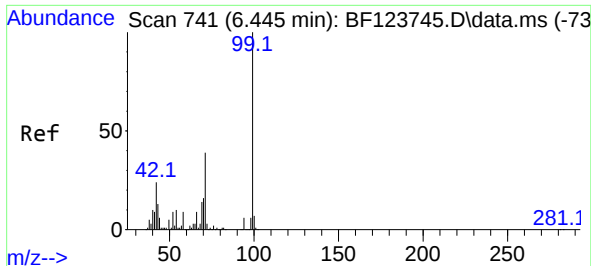
Tgt Ion:152 Resp: 284133
Ion Ratio Lower Upper
152 100
150 153.1 127.0 190.6
115 61.4 54.3 81.5



#5
2-Fluorophenol
Concen: 21.40 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

Tgt Ion:112 Resp: 383771
Ion Ratio Lower Upper
112 100
64 78.0 61.4 92.0
63 39.9 33.0 49.4

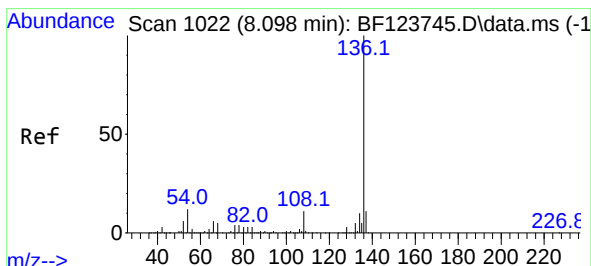
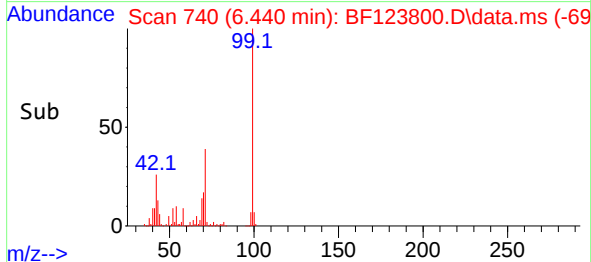
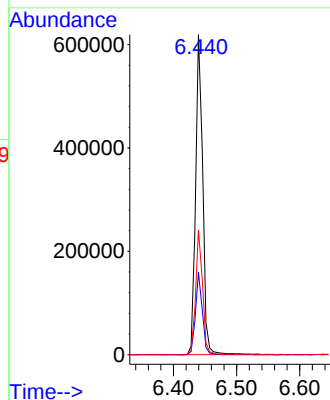
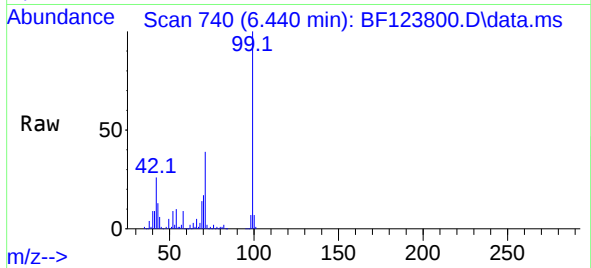




#7
Phenol-d6
Concen: 19.53 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

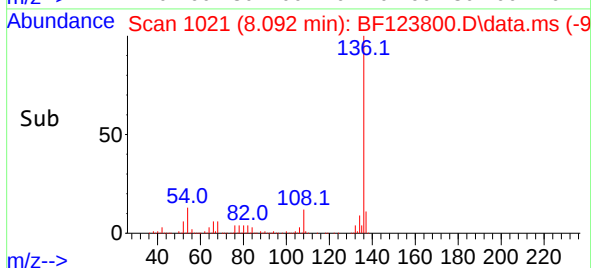
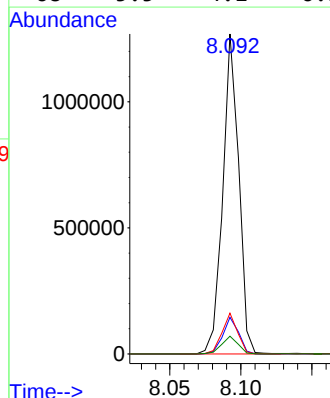
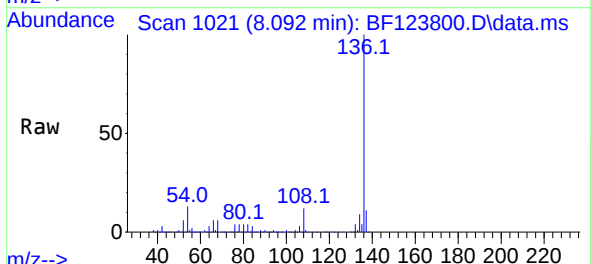
Instrument :
BNA_F
ClientSampleId :
TR-08-043021

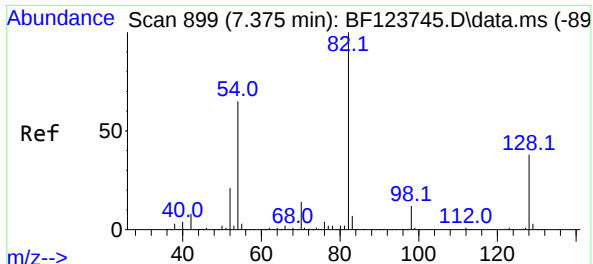
Tgt Ion: 99 Resp: 482580
Ion Ratio Lower Upper
99 100
42 25.7 19.8 29.8
71 39.0 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

Tgt Ion: 136 Resp: 988503
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 12.8 9.8 14.6
68 5.5 4.1 6.1

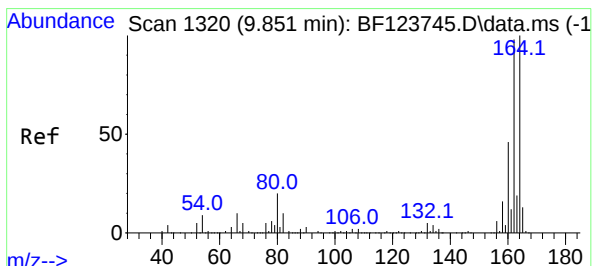
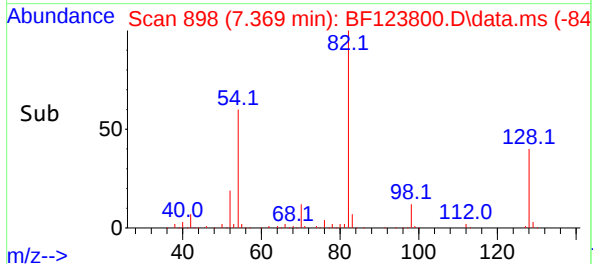
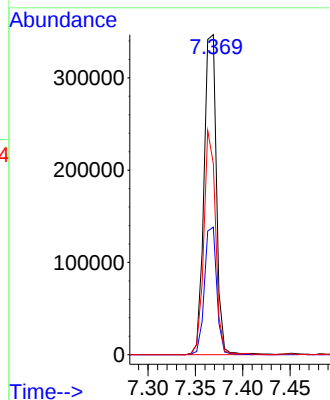
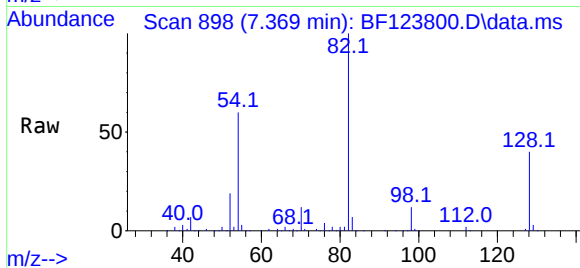




#23
Nitrobenzene-d5
Concen: 14.46 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

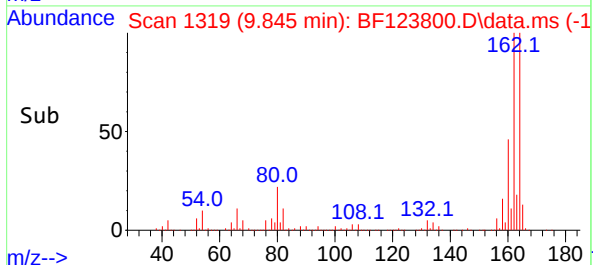
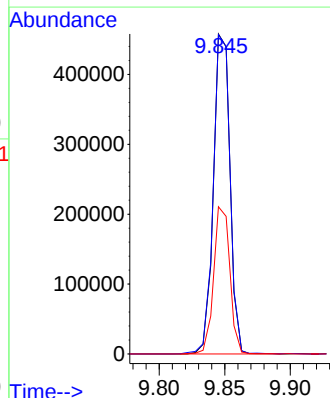
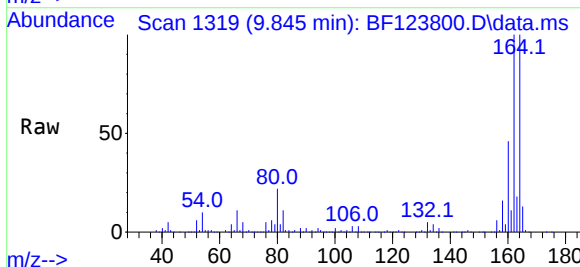
Instrument :
BNA_F
ClientSampleId :
TR-08-043021

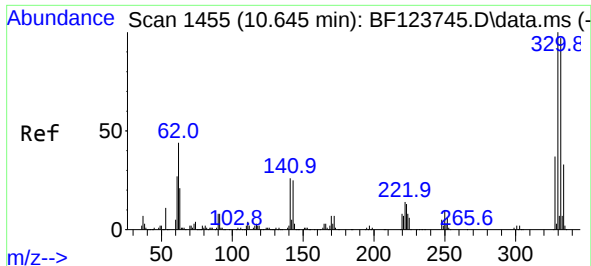
Tgt Ion: 82 Resp: 316602
Ion Ratio Lower Upper
82 100
128 39.9 29.4 44.2
54 59.8 54.1 81.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

Tgt Ion: 164 Resp: 400439
Ion Ratio Lower Upper
164 100
162 99.7 80.7 121.1
160 46.0 37.3 55.9

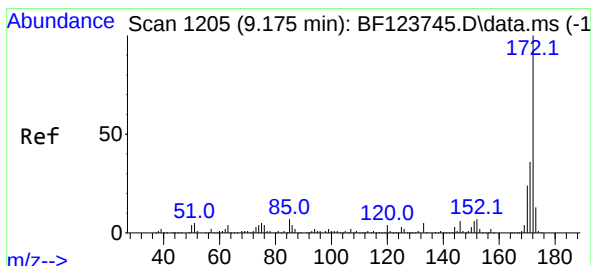
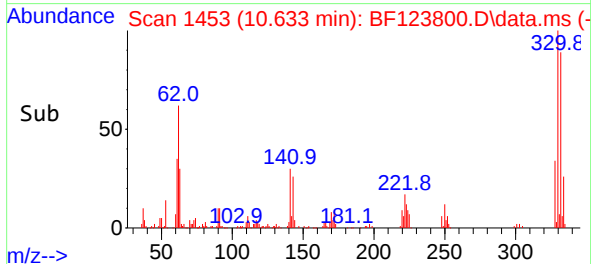
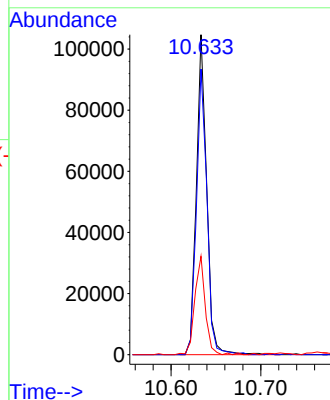
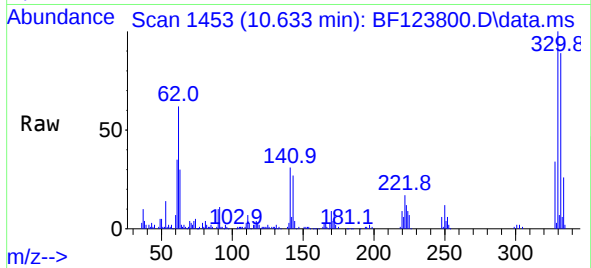




#42
2,4,6-Tribromophenol
Concen: 16.75 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

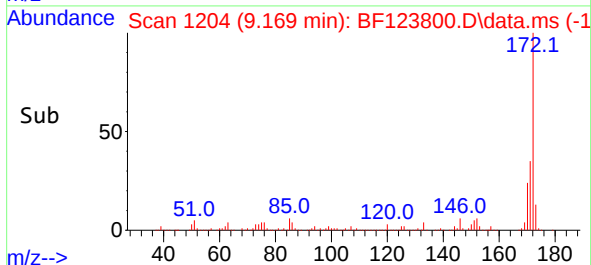
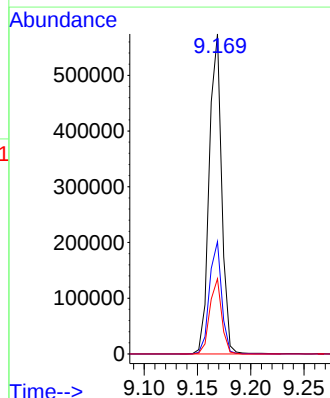
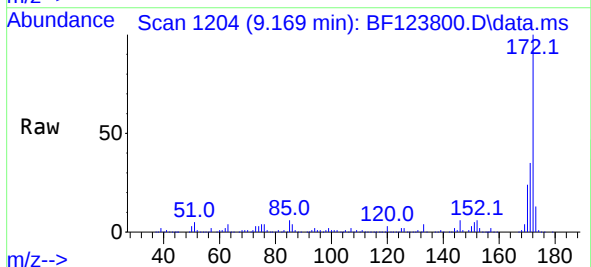
Instrument :
BNA_F
ClientSampled :
TR-08-043021

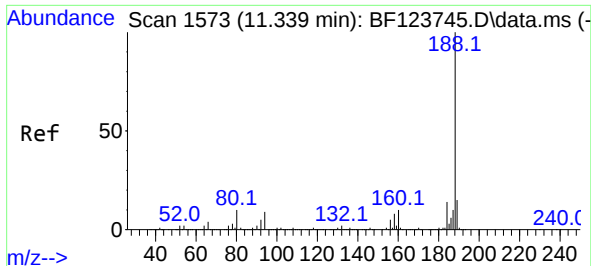
Tgt Ion:330 Resp: 83508
Ion Ratio Lower Upper
330 100
332 90.6 77.1 115.7
141 31.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 16.97 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

Tgt Ion:172 Resp: 466655
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.5 19.2 28.8

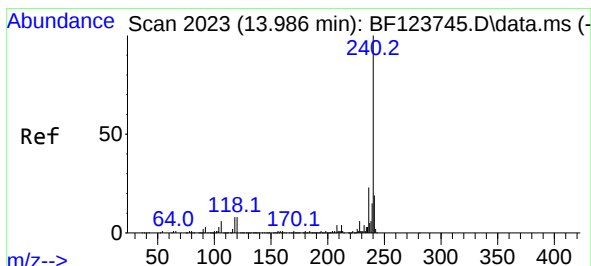
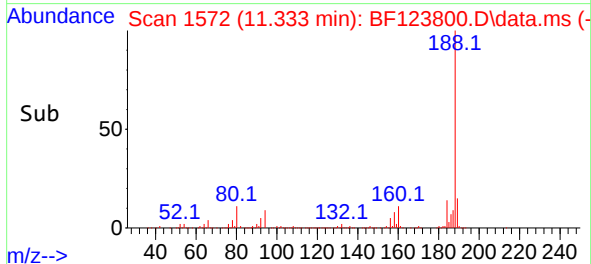
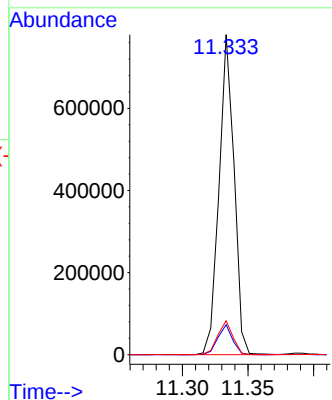
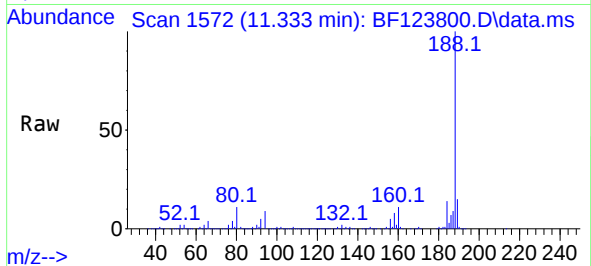




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

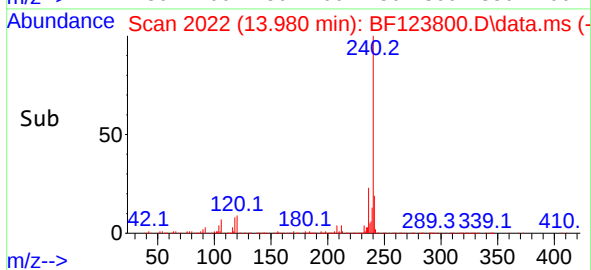
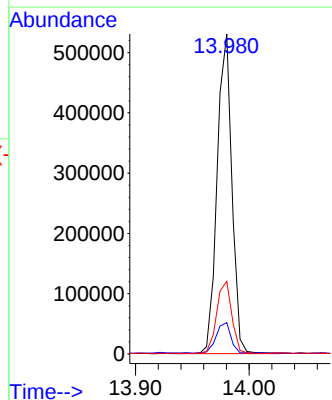
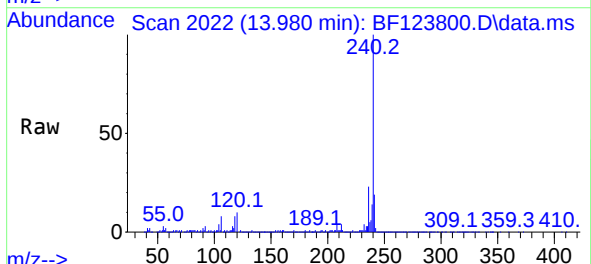
Instrument :
BNA_F
ClientSampleId :
TR-08-043021

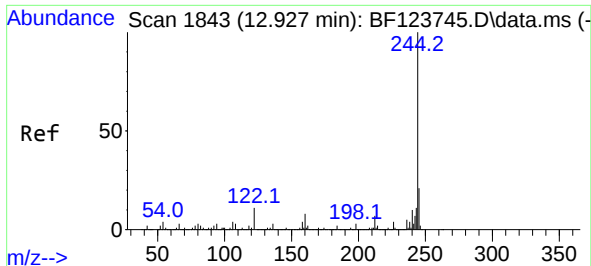
Tgt Ion:188 Resp: 620542
Ion Ratio Lower Upper
188 100
94 9.4 6.9 10.3
80 10.6 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

Tgt Ion:240 Resp: 478517
Ion Ratio Lower Upper
240 100
120 9.8 7.2 10.8
236 22.7 19.0 28.4

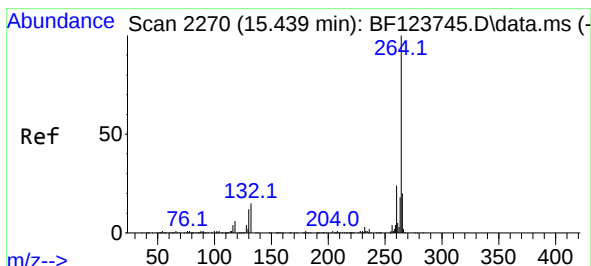
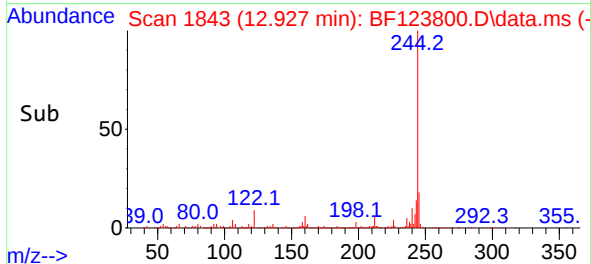
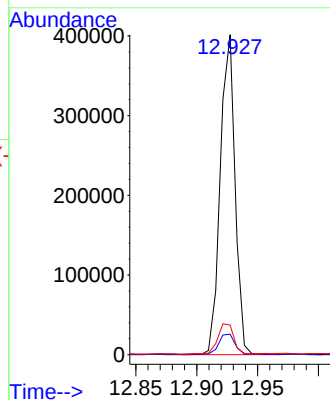
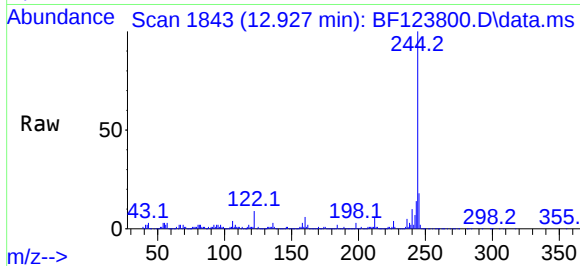




#79
Terphenyl-d14
Concen: 13.69 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 340137
Ion Ratio Lower Upper
244 100
212 6.4 5.7 8.5
122 9.3 9.7 14.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

Tgt Ion:264 Resp: 345981
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 20.9 17.8 26.8

