

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
 Data File : BF123622.D
 Acq On : 19 Apr 2021 14:57
 Operator : JU/CG
 Sample : M2050-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Apr 19 15:35:50 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 16 10:31:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	221137	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	878606	20.00	ng	-0.01
39) Acenaphthene-d10	9.904	164	442992	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	812984	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	560624	20.00	ng	-0.02
86) Perylene-d12	15.521	264	481327	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	942372	68.88	ng	0.01
7) Phenol-d6	6.498	99	1089995	57.49	ng	0.00
23) Nitrobenzene-d5	7.422	82	1015717	53.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	377079	75.17	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1573392	52.95	ng	-0.01
79) Terphenyl-d14	12.986	244	1626927	56.40	ng	-0.01

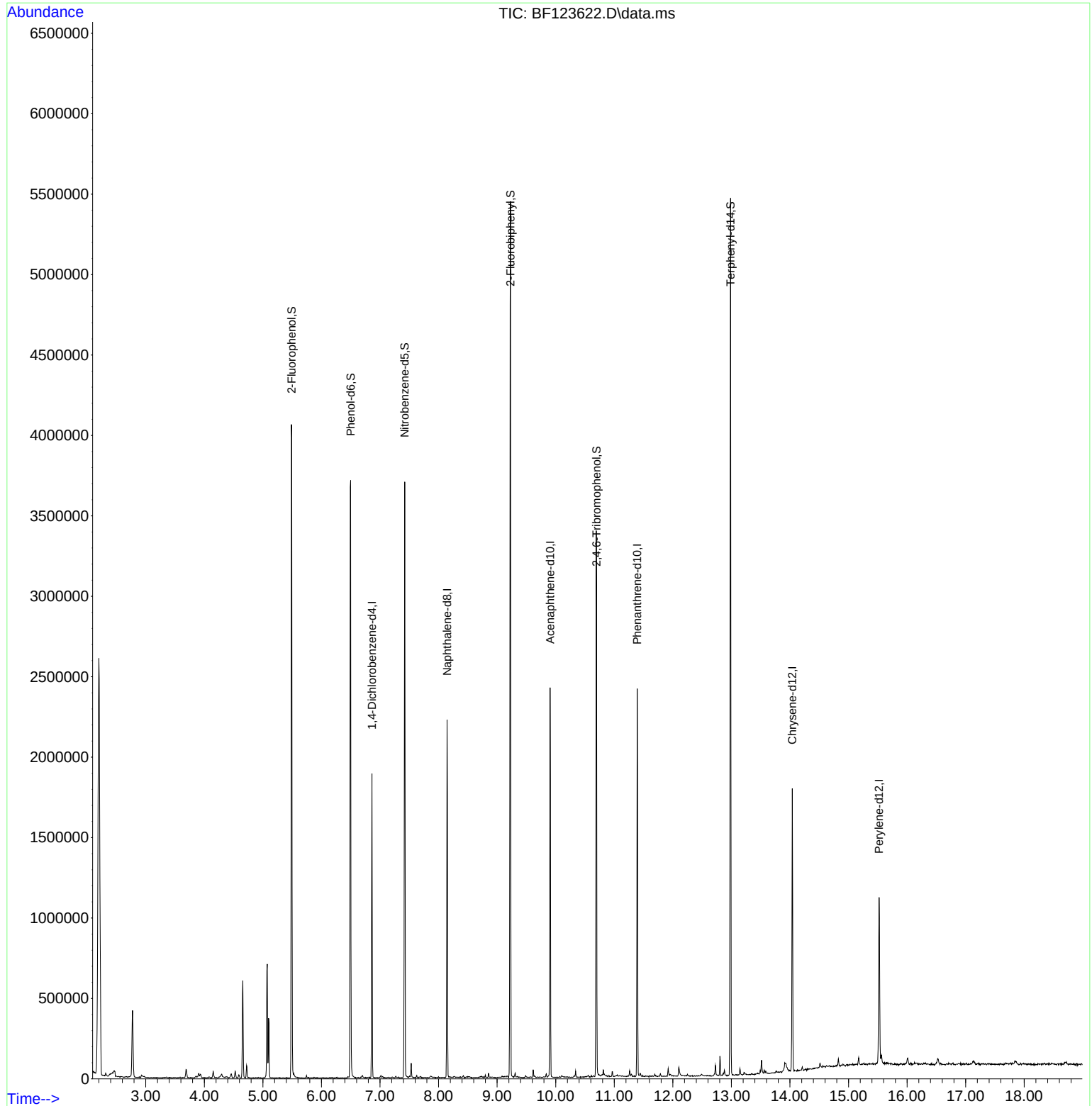
Target Compounds	Qvalue

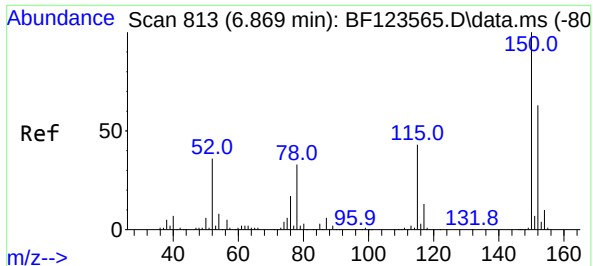
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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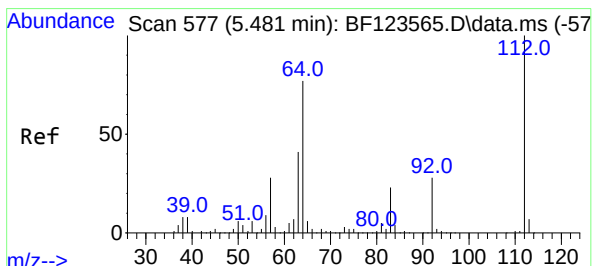
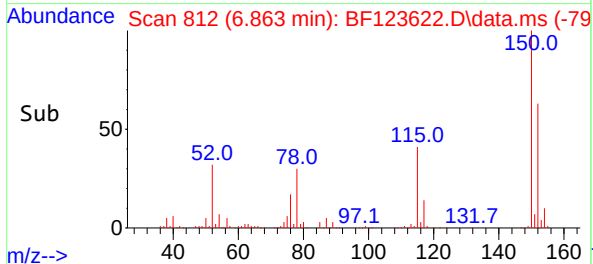
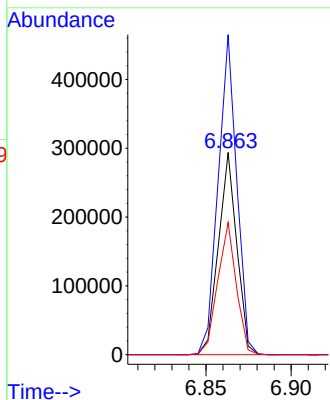
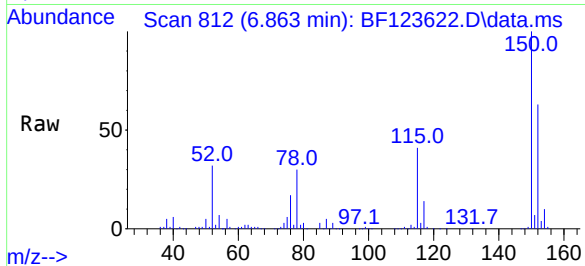




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

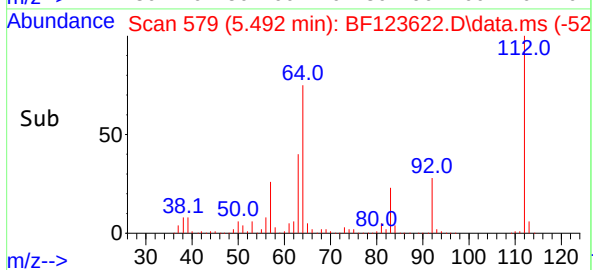
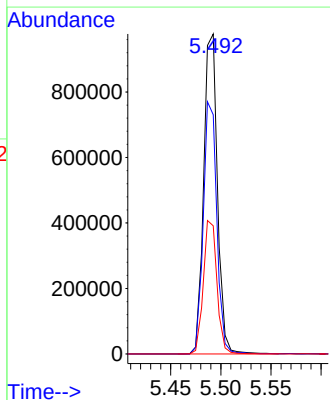
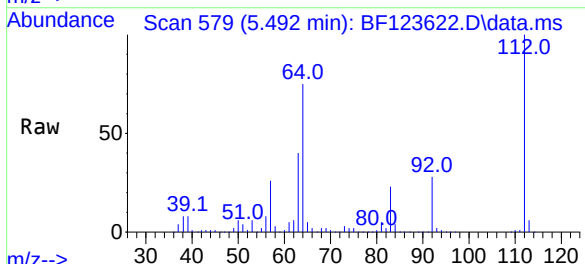
Instrument :
BNA_F
ClientSampleId :
TP-3

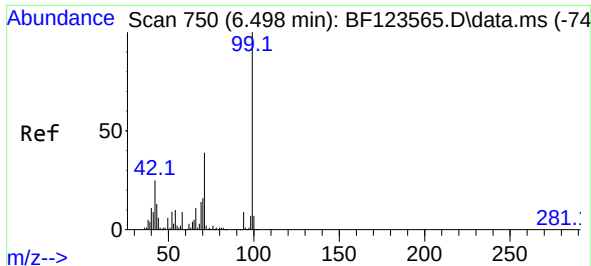
Tgt Ion:152 Resp: 221137
Ion Ratio Lower Upper
152 100
150 158.2 127.0 190.6
115 65.4 54.3 81.5



#5
2-Fluorophenol
Concen: 68.88 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

Tgt Ion:112 Resp: 942372
Ion Ratio Lower Upper
112 100
64 74.8 61.4 92.0
63 40.1 33.0 49.4

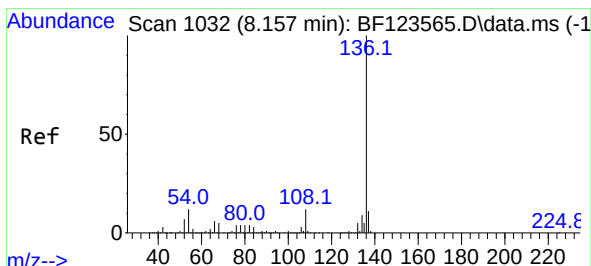
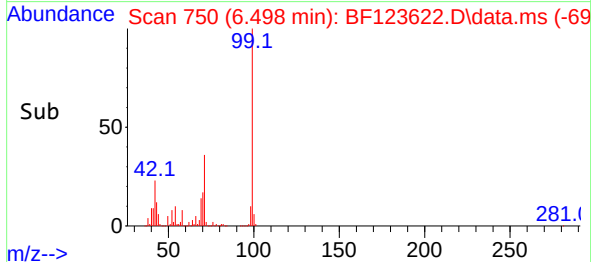
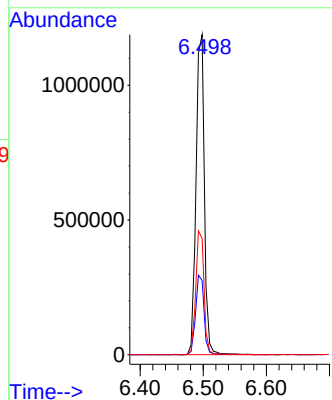
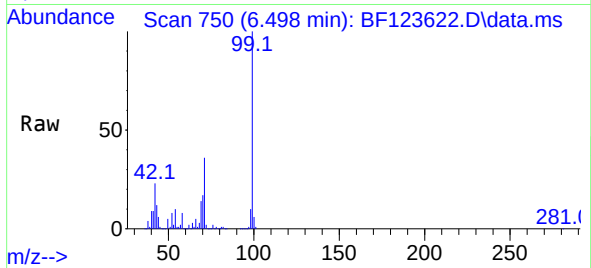




#7
Phenol-d6
Concen: 57.49 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

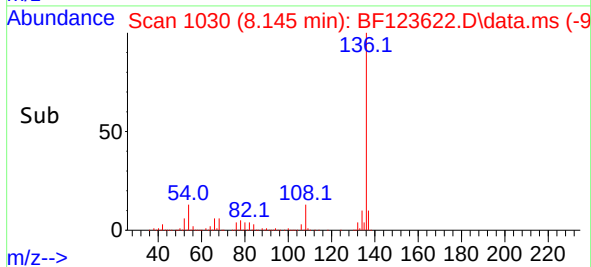
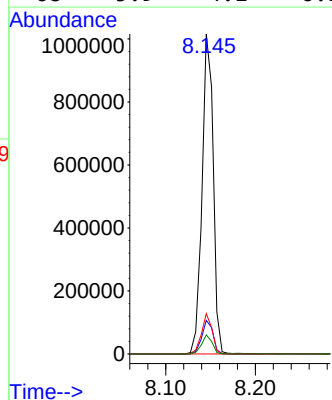
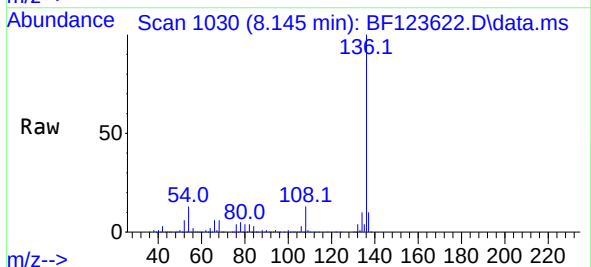
Instrument :
BNA_F
ClientSampleId :
TP-3

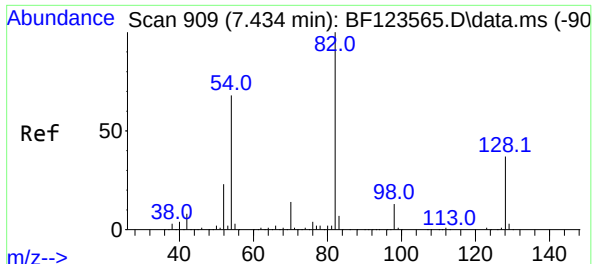
Tgt Ion: 99 Resp: 1089995
Ion Ratio Lower Upper
99 100
42 23.2 19.8 29.8
71 36.3 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

Tgt Ion: 136 Resp: 878606
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 12.6 9.8 14.6
68 5.9 4.1 6.1

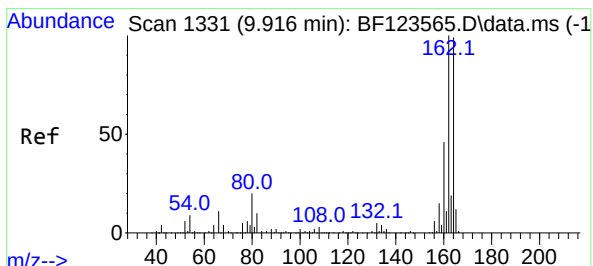
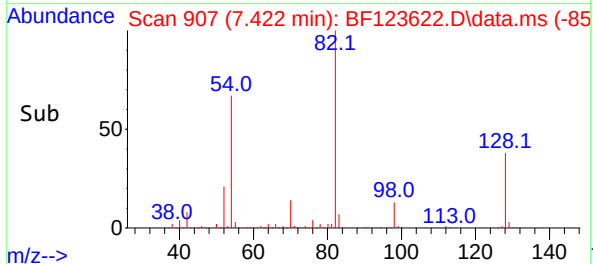
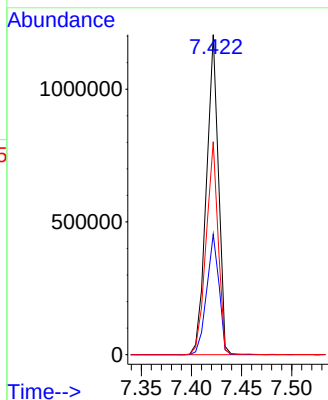
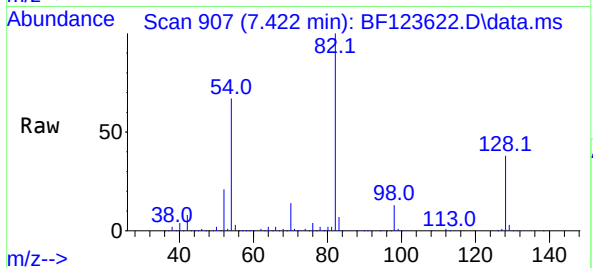




#23
Nitrobenzene-d5
Concen: 53.15 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

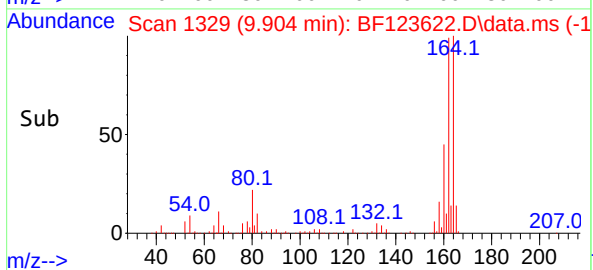
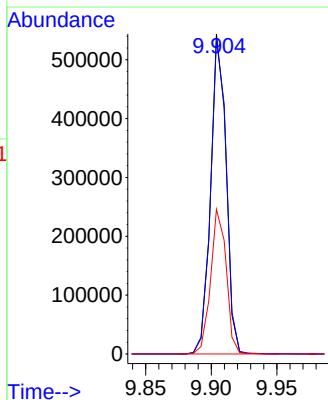
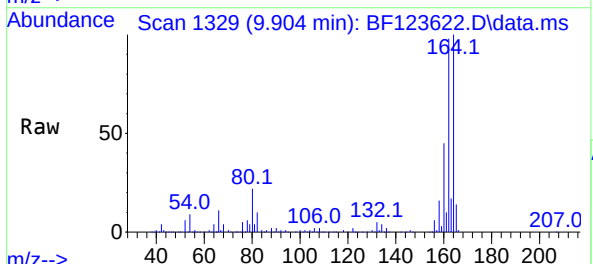
Instrument :
BNA_F
ClientSampleId :
TP-3

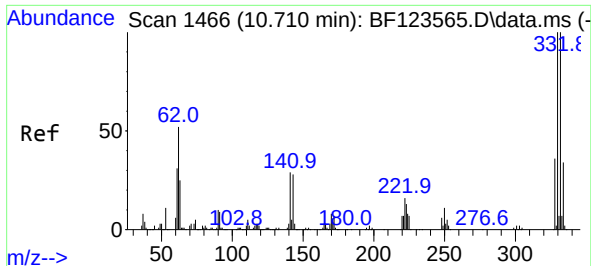
Tgt Ion: 82 Resp: 1015717
Ion Ratio Lower Upper
82 100
128 37.6 29.4 44.2
54 66.5 54.1 81.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

Tgt Ion:164 Resp: 442992
Ion Ratio Lower Upper
164 100
162 98.3 80.7 121.1
160 45.2 37.3 55.9

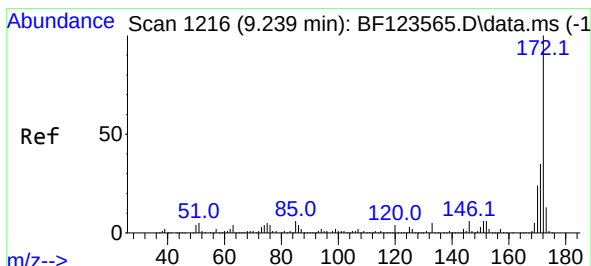
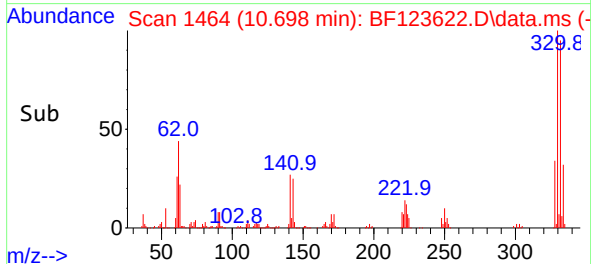
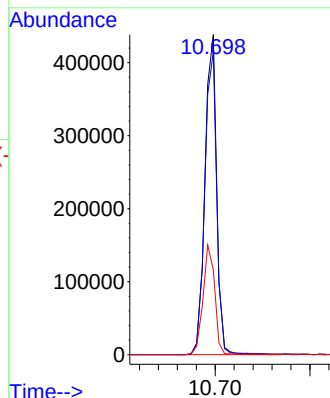
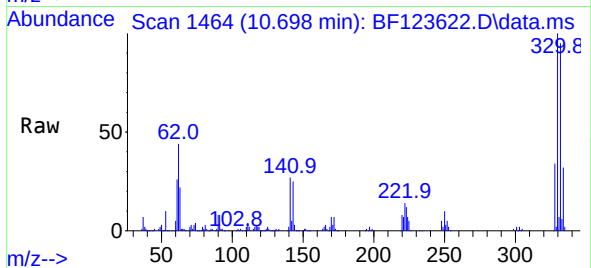




#42
2,4,6-Tribromophenol
Concen: 75.17 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

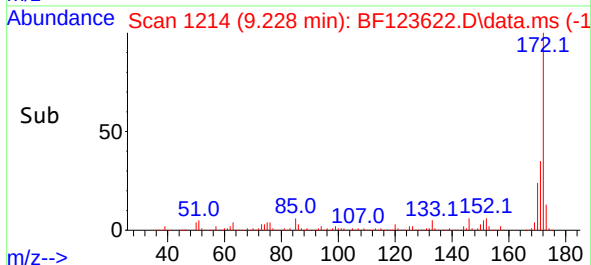
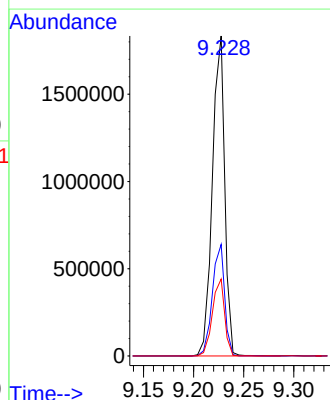
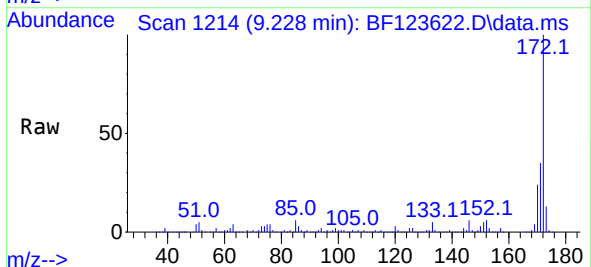
Instrument :
BNA_F
ClientSampleId :
TP-3

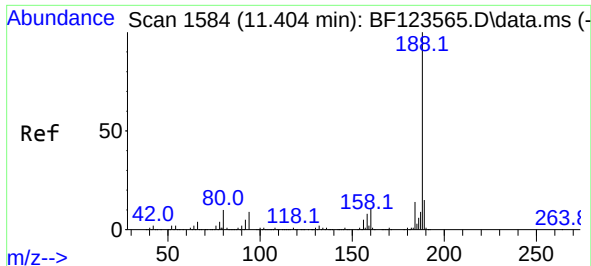
Tgt Ion: 330 Resp: 377079
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 34.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 52.95 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

Tgt Ion: 172 Resp: 1573392
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 24.0 19.2 28.8



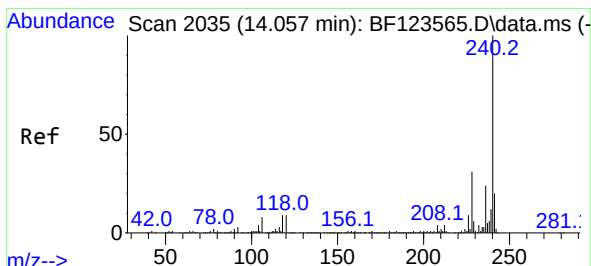
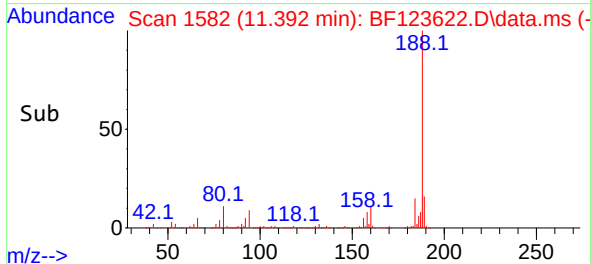
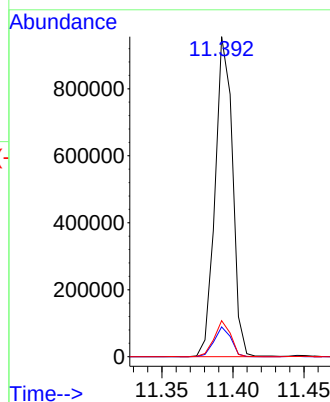
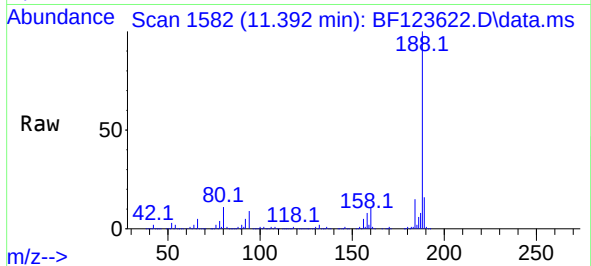


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

Instrument :
BNA_F
ClientSampled :
TP-3

Tgt Ion:188 Resp: 812984

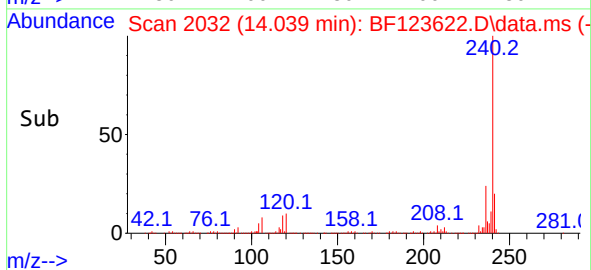
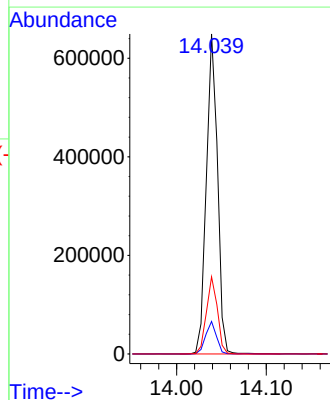
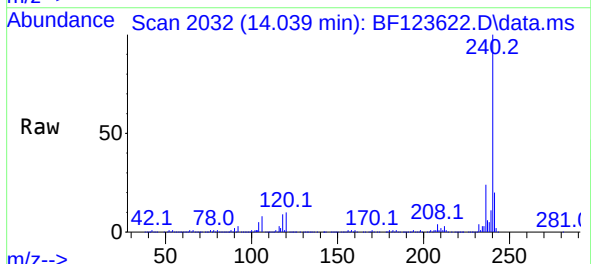
Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.9	10.3
80	11.2	8.2	12.2

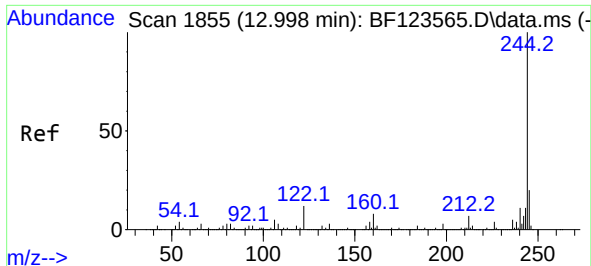


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

Tgt Ion:240 Resp: 560624

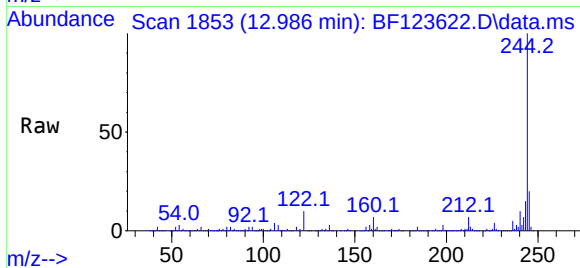
Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.2	10.8
236	24.1	19.0	28.4



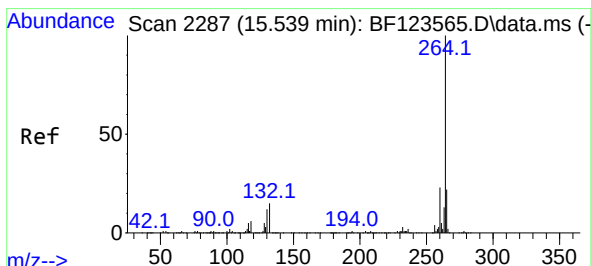
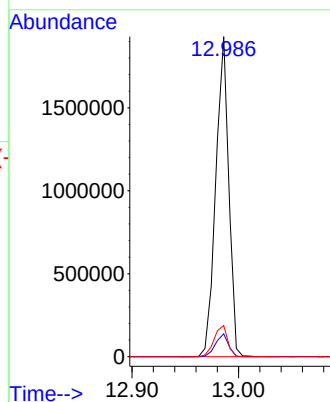
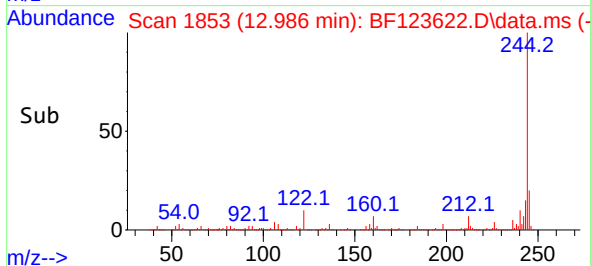


#79
Terphenyl-d14
Concen: 56.40 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

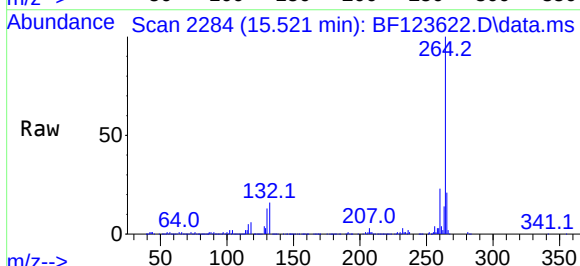
Instrument :
BNA_F
ClientSampleId :
TP-3



Tgt Ion:244 Resp: 1626927
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.8 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.018 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57



Tgt Ion:264 Resp: 481327
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 20.5 17.8 26.8

