

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
 Data File : BF124725.D
 Acq On : 23 Jul 2021 21:51
 Operator : JU/CG
 Sample : M3150-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-B

Quant Time: Jul 23 23:30:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6355	20.000	ng	# 0.00
21) Naphthalene-d8	8.151	136	27511	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	14794	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	27570	20.000	ng	0.00
76) Chrysene-d12	14.027	240	16619	20.000	ng	-0.01
86) Perylene-d12	15.498	264	12605	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	32436	86.419	ng	0.00
7) Phenol-d6	6.487	99	37744	80.215	ng	-0.01
23) Nitrobenzene-d5	7.428	82	23825	51.543	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	10254	80.727	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	53143	52.760	ng	0.00
79) Terphenyl-d14	12.980	244	55281	57.019	ng	0.00

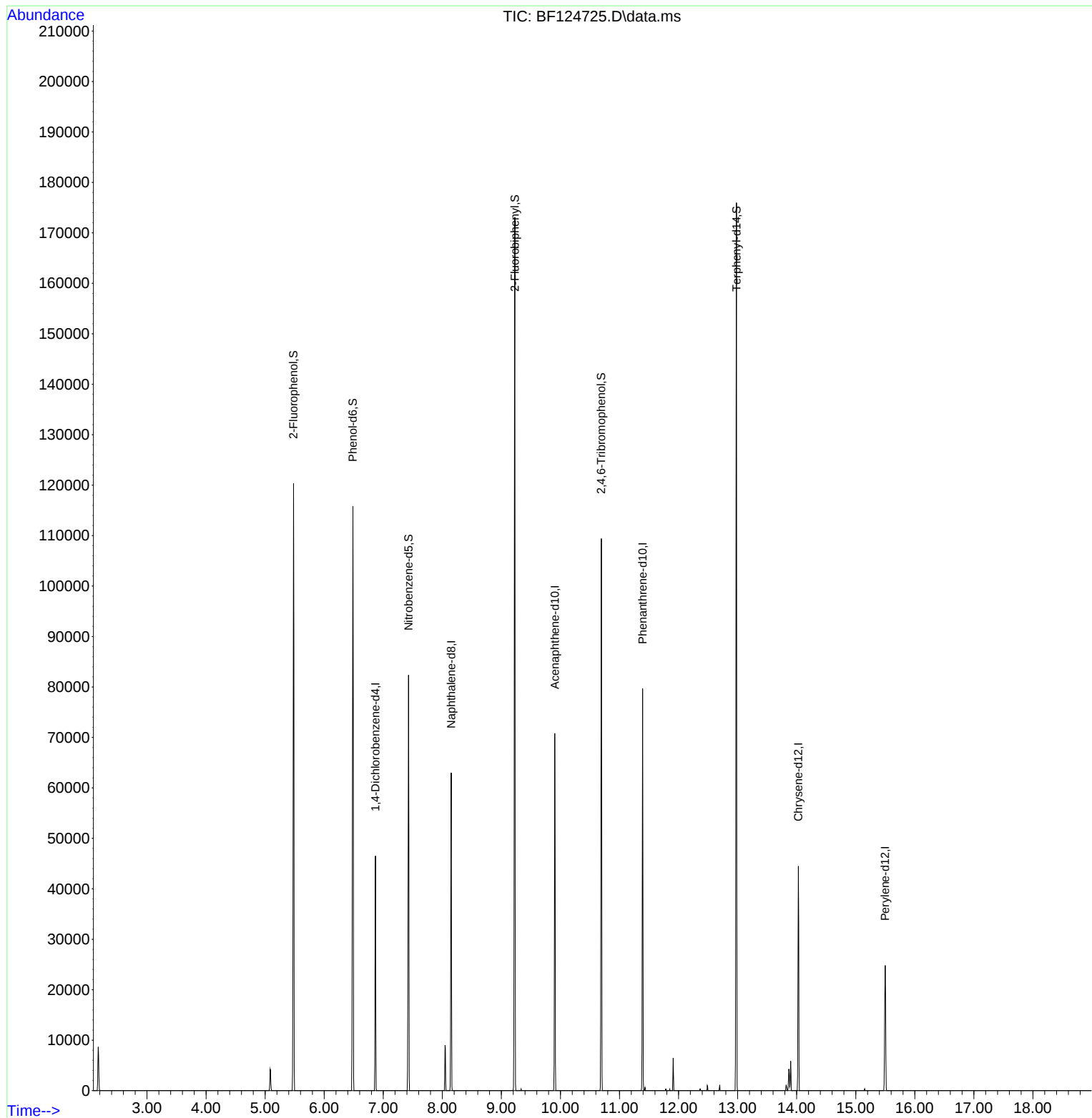
Target Compounds	Qvalue

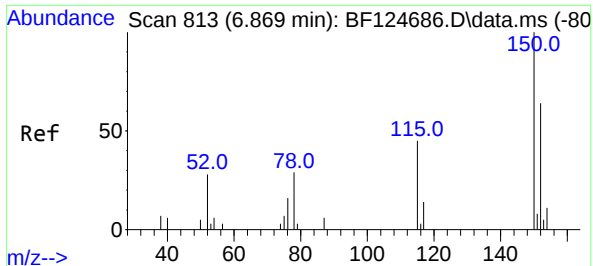
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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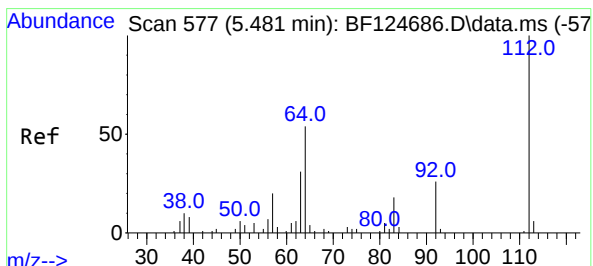
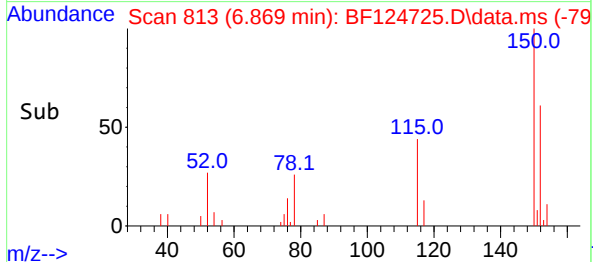
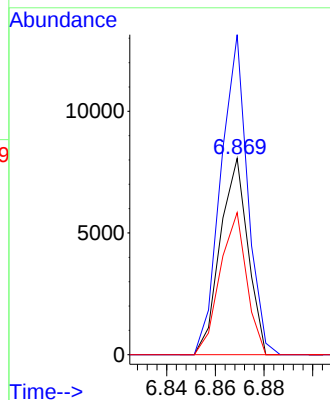
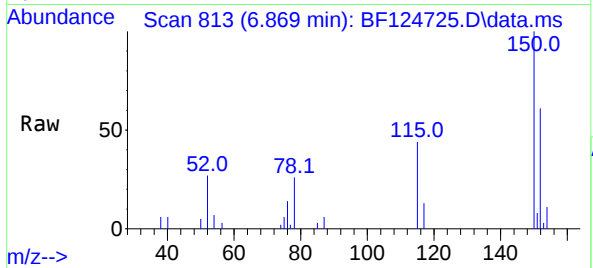




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

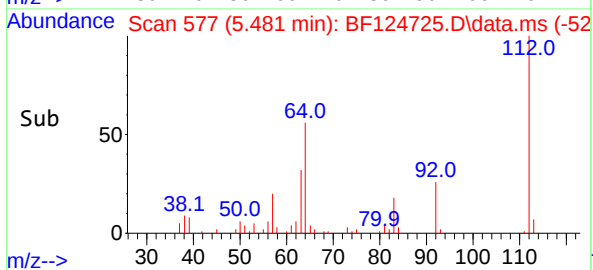
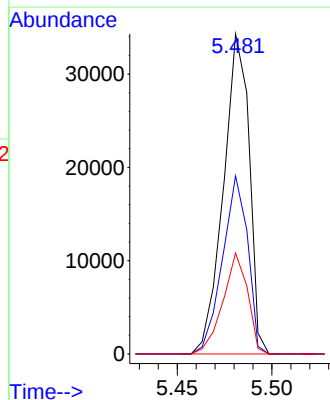
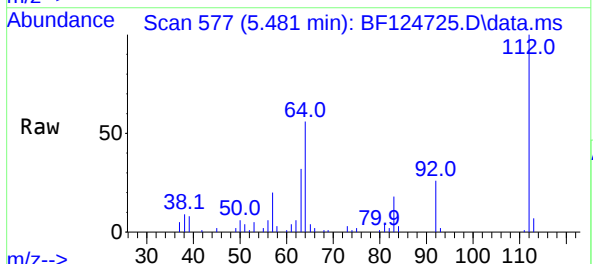
Instrument :
BNA_F
ClientSampleId :
TP-B

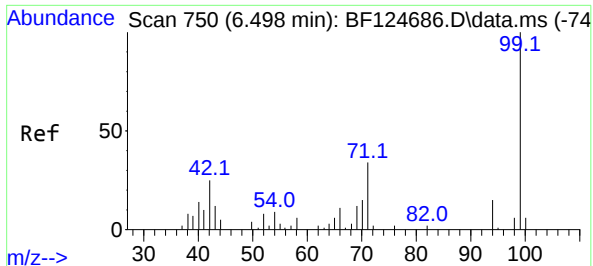
Tgt Ion:152 Resp: 6355
Ion Ratio Lower Upper
152 100
150 163.0 117.6 176.4
115 72.4 47.1 70.7#



#5
2-Fluorophenol
Concen: 86.419 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

Tgt Ion:112 Resp: 32436
Ion Ratio Lower Upper
112 100
64 55.6 44.2 66.2
63 31.5 26.2 39.2

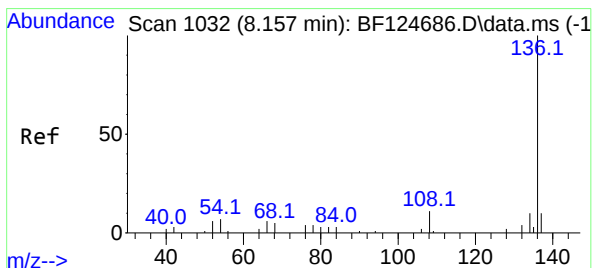
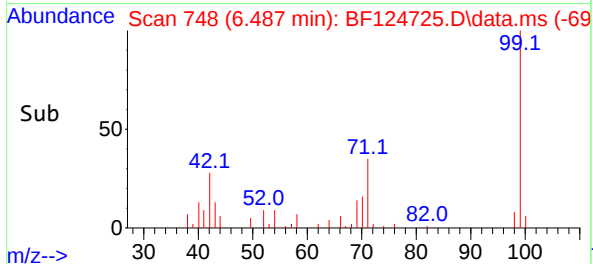
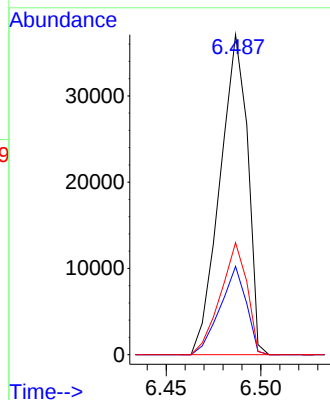
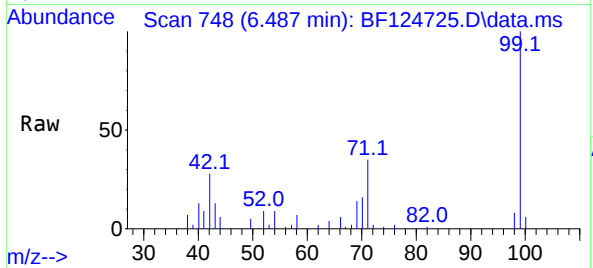




#7
Phenol-d6
Concen: 80.215 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

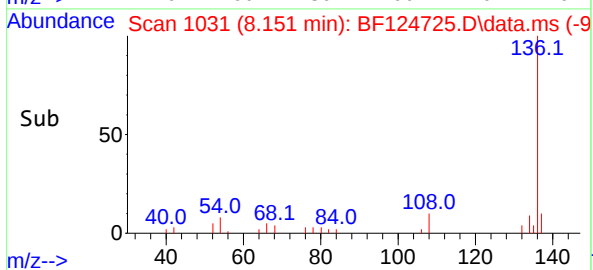
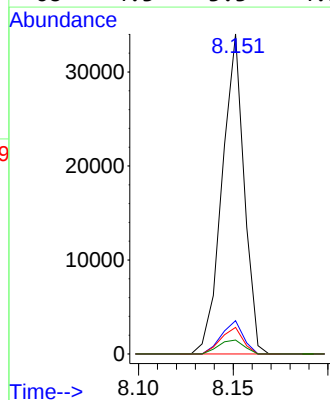
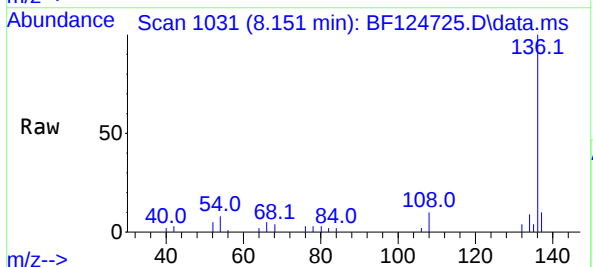
Instrument :
BNA_F
ClientSampled :
TP-B

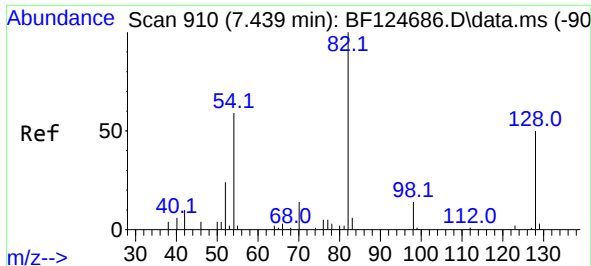
Tgt Ion: 99 Resp: 37744
Ion Ratio Lower Upper
99 100
42 27.6 23.5 35.3
71 35.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

Tgt Ion: 136 Resp: 27511
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 8.3 6.4 9.6
68 4.3 3.3 4.9





#23

Nitrobenzene-d5

Concen: 51.543 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF124725.D

Acq: 23 Jul 2021 21:51

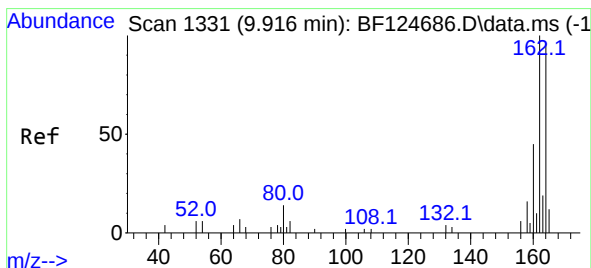
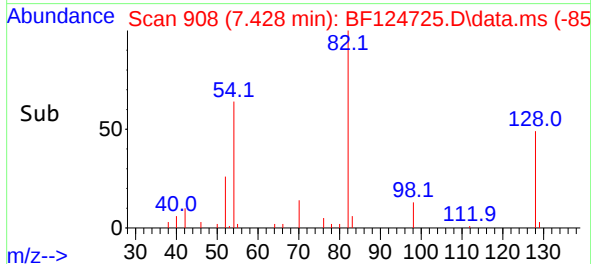
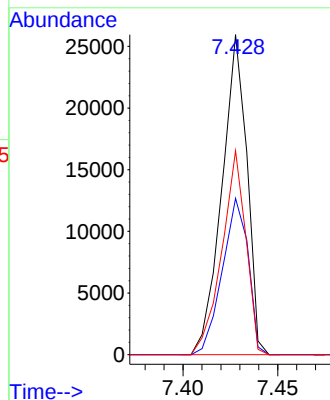
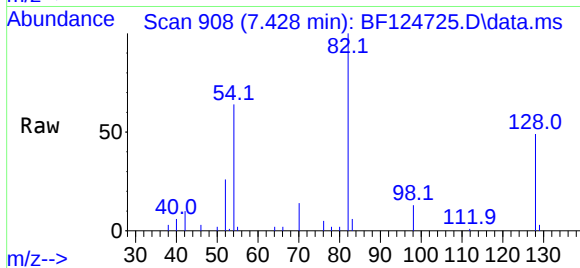
Tgt Ion: 82 Resp: 23825

Ion Ratio Lower Upper

82 100

128 48.9 40.6 60.8

54 63.7 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.012 min

Lab File: BF124725.D

Acq: 23 Jul 2021 21:51

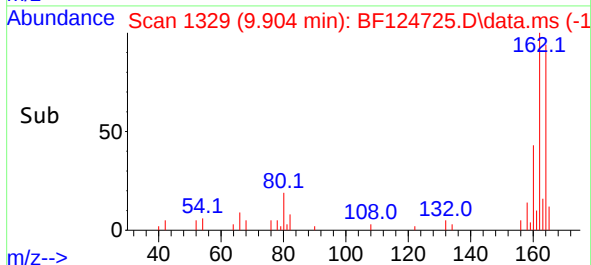
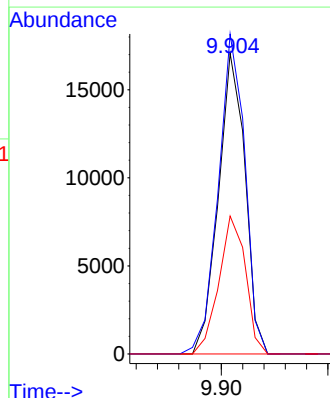
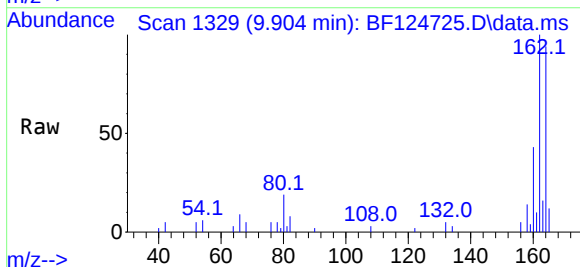
Tgt Ion:164 Resp: 14794

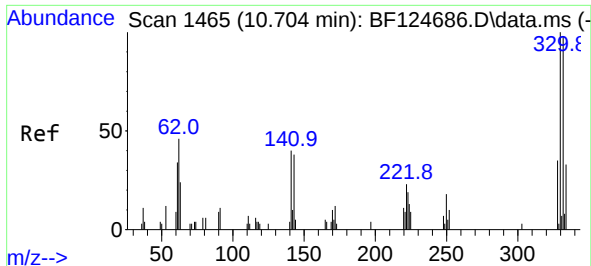
Ion Ratio Lower Upper

164 100

162 106.4 81.3 121.9

160 45.9 38.0 57.0

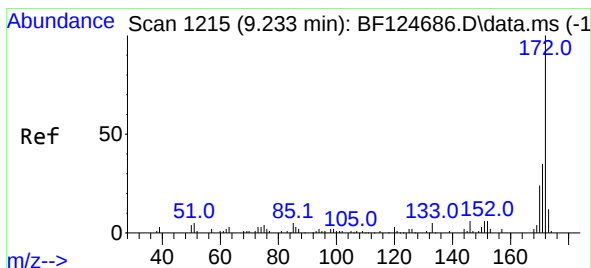
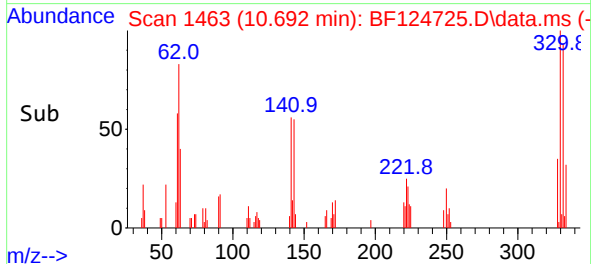
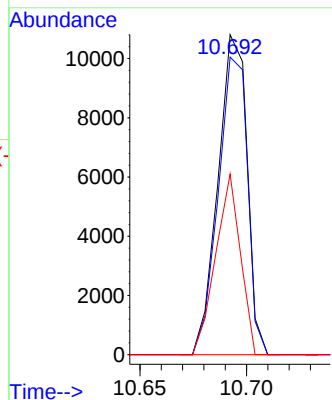
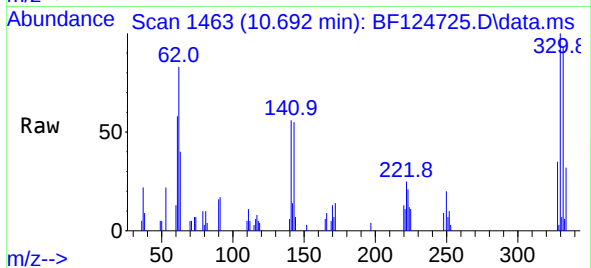




#42
2,4,6-Tribromophenol
Concen: 80.727 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

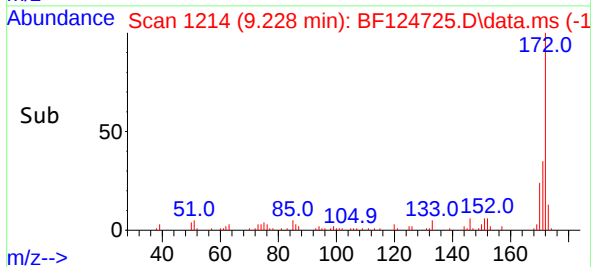
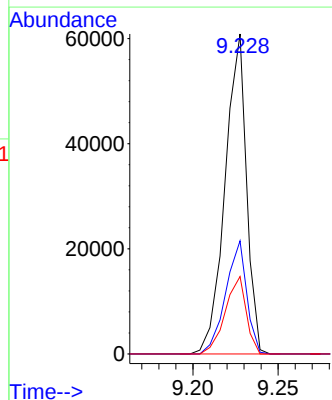
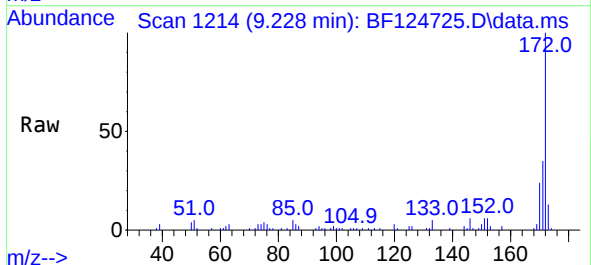
Instrument :
BNA_F
ClientSampleId :
TP-B

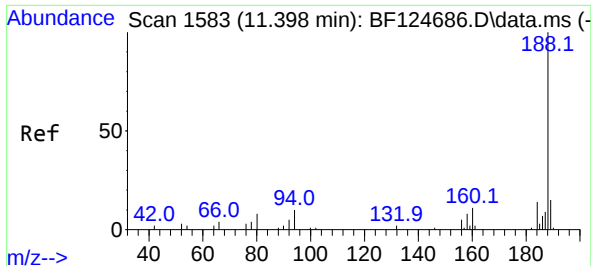
Tgt Ion: 330 Resp: 10254
Ion Ratio Lower Upper
330 100
332 93.8 76.2 114.4
141 48.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 52.760 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

Tgt Ion: 172 Resp: 53143
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 24.2 18.8 28.2

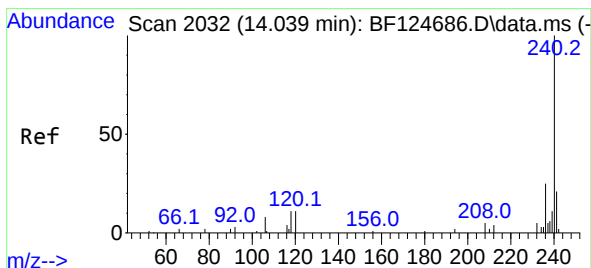
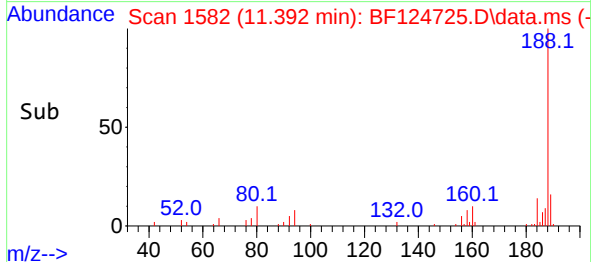
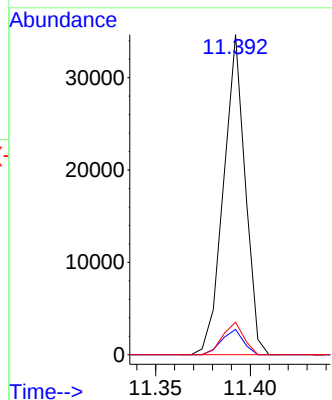
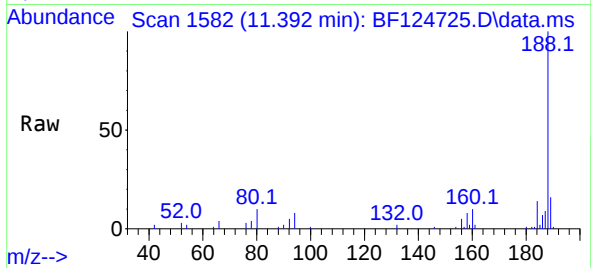




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

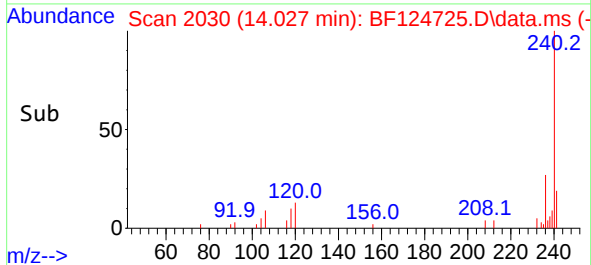
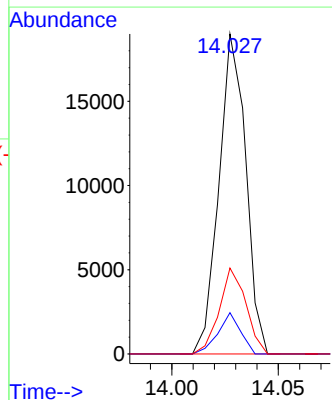
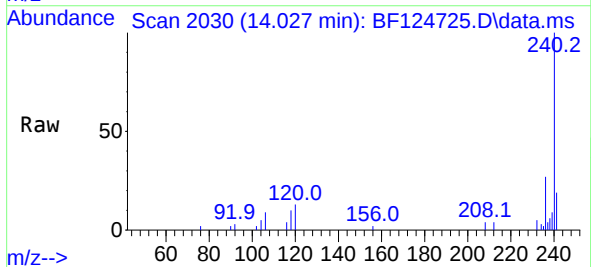
Instrument :
BNA_F
ClientSampleId :
TP-B

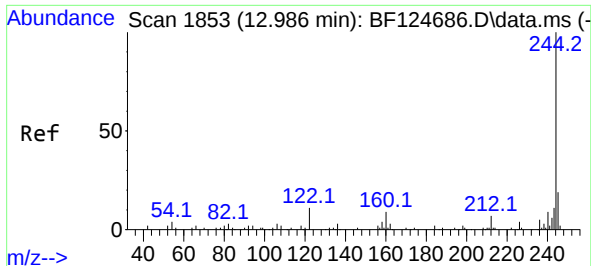
Tgt Ion:188 Resp: 27570
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 10.1 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

Tgt Ion:240 Resp: 16619
Ion Ratio Lower Upper
240 100
120 12.9 10.8 16.2
236 26.9 21.6 32.4

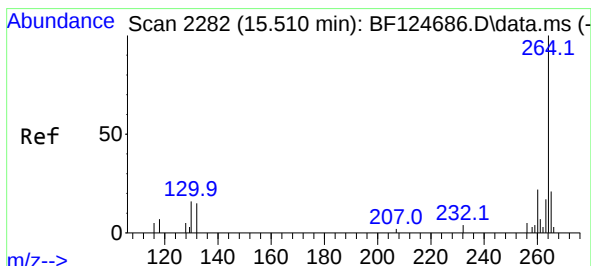
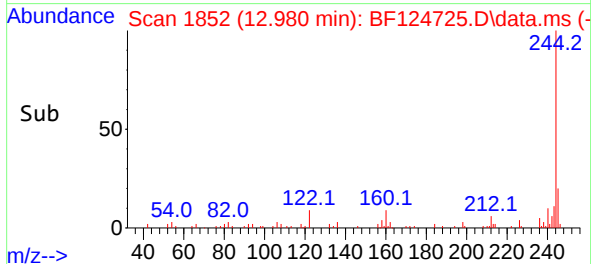
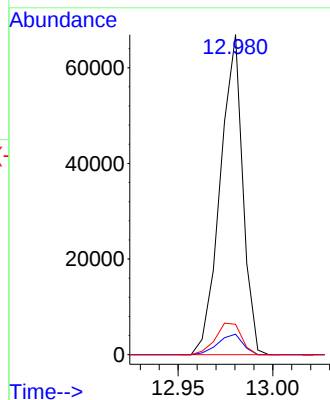
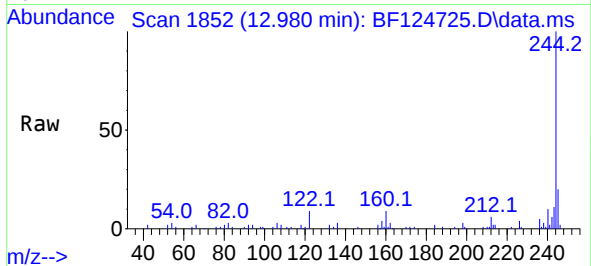




#79
Terphenyl-d14
Concen: 57.019 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

Instrument :
BNA_F
ClientSampleId :
TP-B

Tgt Ion:244	Resp:	55281
Ion Ratio	Lower	Upper
244	100	
212	6.4	5.9 8.9
122	9.5	9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. -0.012 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

Tgt Ion:264	Resp:	12605
Ion Ratio	Lower	Upper
264	100	
260	25.3	19.6 29.4
265	20.7	17.2 25.8

