

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
 Data File : BF124695.D
 Acq On : 22 Jul 2021 18:20
 Operator : JU/CG
 Sample : M3135-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-A

Quant Time: Jul 23 02:05:46 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	5855	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	22985	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	12963	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	24151	20.000	ng	0.00
76) Chrysene-d12	14.027	240	15783	20.000	ng	-0.01
86) Perylene-d12	15.498	264	13739	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	36228	104.765	ng	0.00
7) Phenol-d6	6.487	99	44246	102.063	ng	-0.01
23) Nitrobenzene-d5	7.428	82	28237	73.117	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	11688	105.014	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	65005	73.653	ng	0.00
79) Terphenyl-d14	12.980	244	75668	82.181	ng	0.00

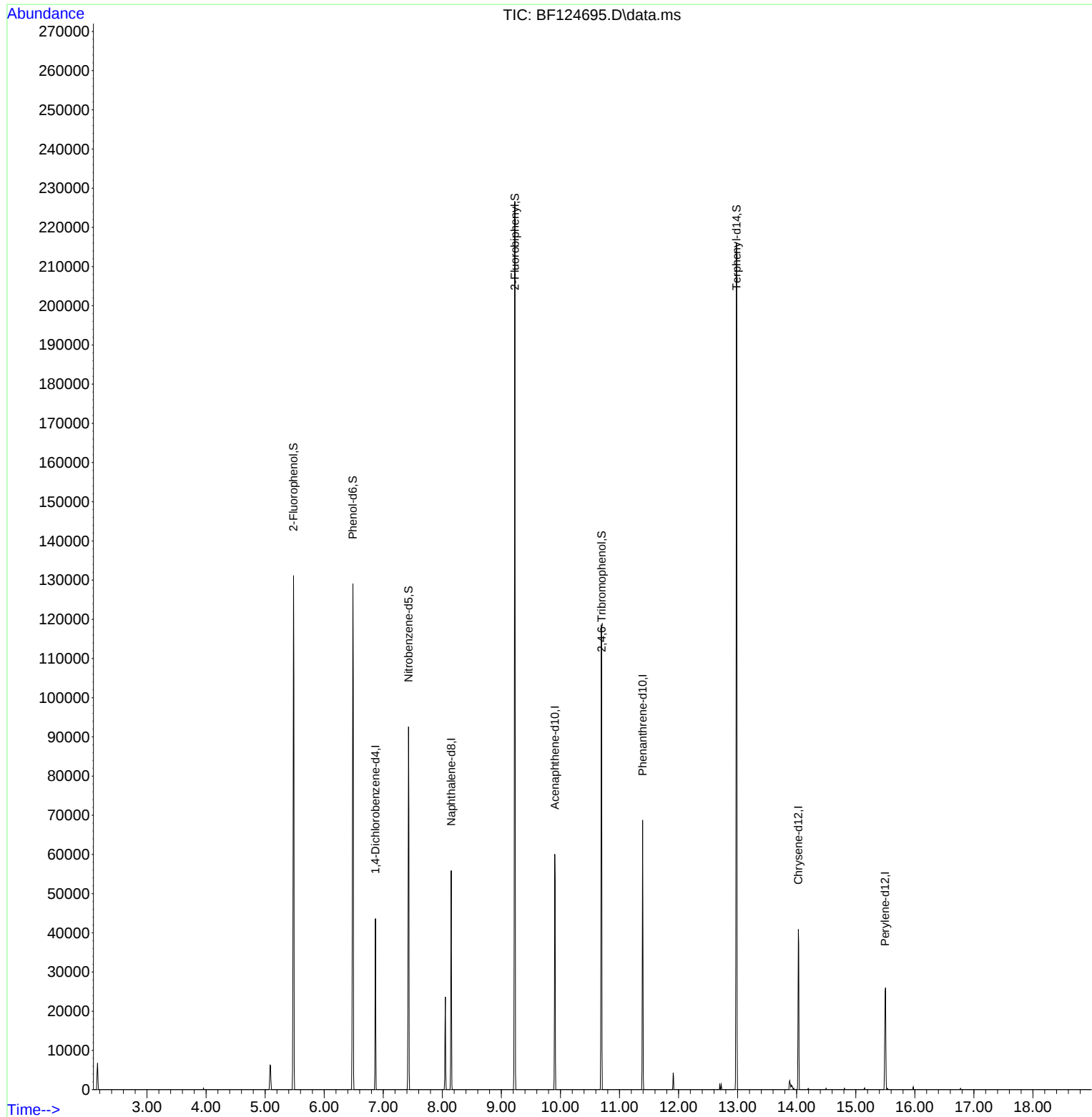
Target Compounds	Qvalue

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

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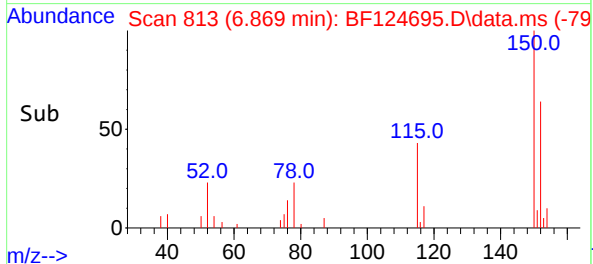
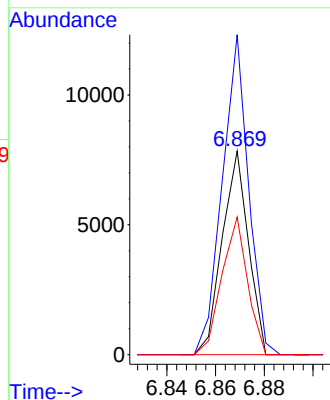
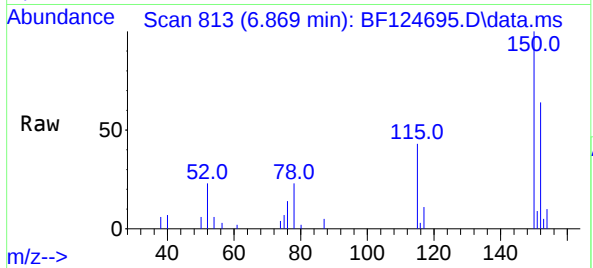




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

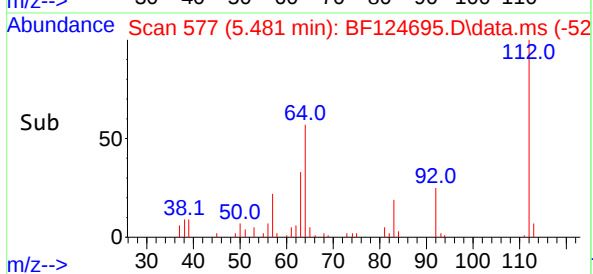
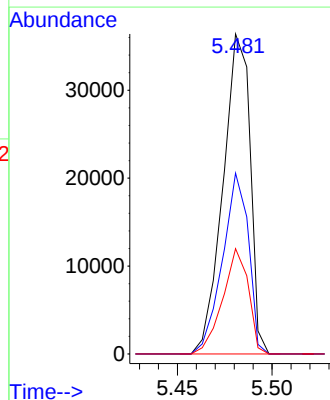
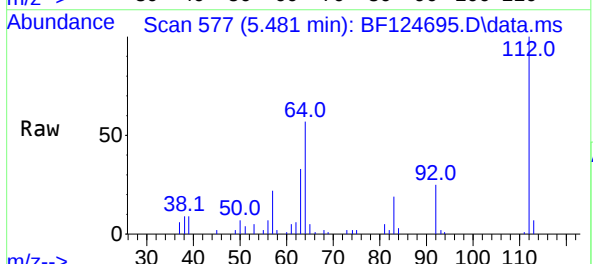
Instrument :
BNA_F
ClientSampled :
TP-A

Tgt Ion:152 Resp: 5855
Ion Ratio Lower Upper
152 100
150 157.1 117.6 176.4
115 67.5 47.1 70.7



#5
2-Fluorophenol
Concen: 104.765 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

Tgt Ion:112 Resp: 36228
Ion Ratio Lower Upper
112 100
64 56.5 44.2 66.2
63 32.9 26.2 39.2



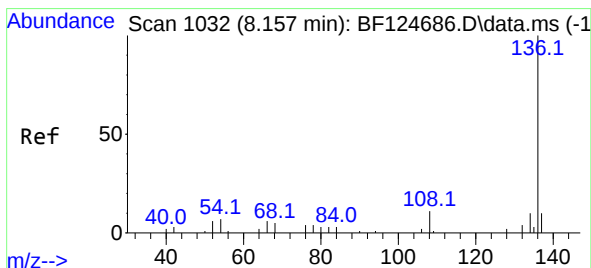
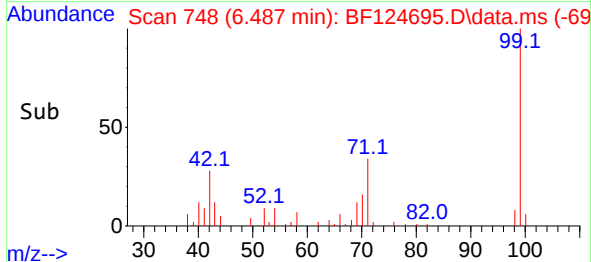
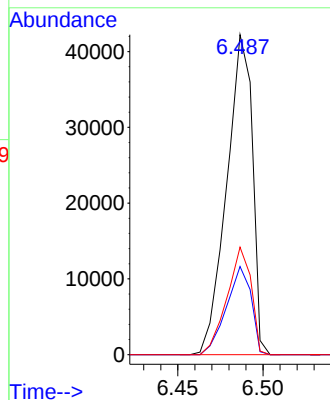
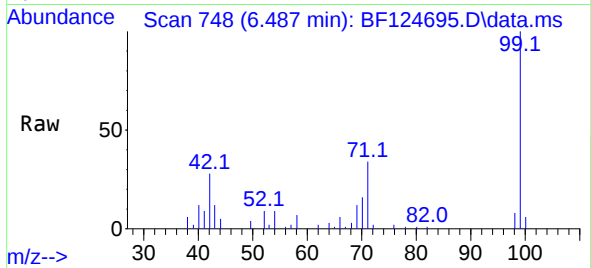


#7
Phenol-d6
Concen: 102.063 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

Instrument :
BNA_F
ClientSampled :
TP-A

Tgt Ion: 99 Resp: 44246

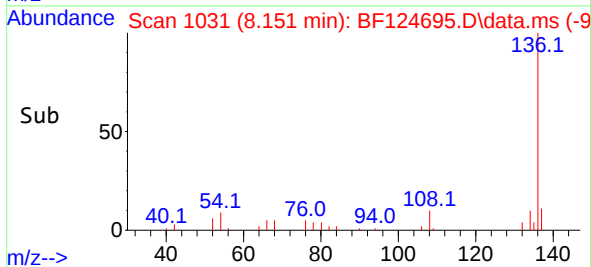
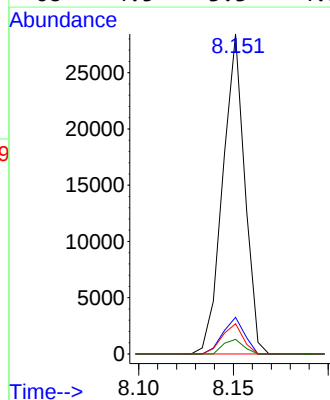
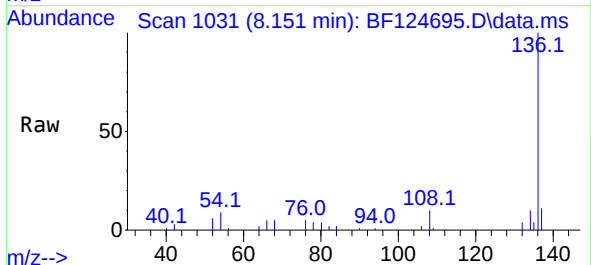
Ion	Ratio	Lower	Upper
99	100		
42	27.6	23.5	35.3
71	33.6	25.6	38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

Tgt Ion: 136 Resp: 22985

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.6
54	9.5	6.4	9.6
68	4.5	3.3	4.9





#23

Nitrobenzene-d5

Concen: 73.117 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF124695.D

Acq: 22 Jul 2021 18:20

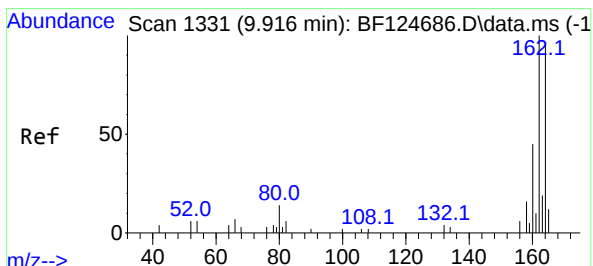
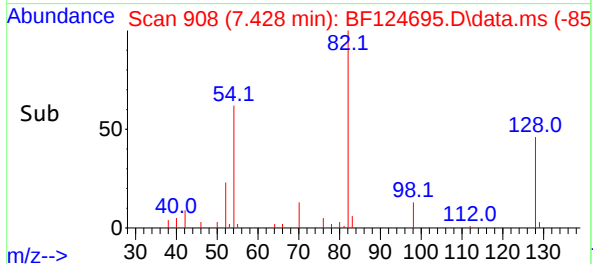
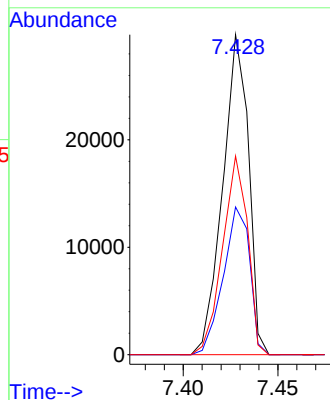
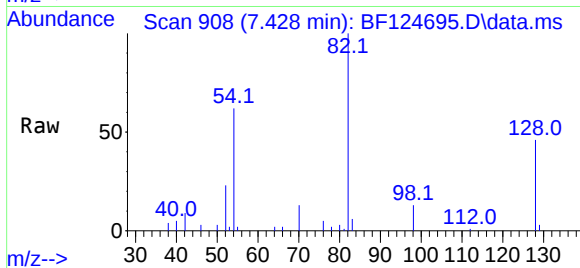
Tgt Ion: 82 Resp: 28237

Ion Ratio Lower Upper

82 100

128 46.1 40.6 60.8

54 62.0 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: BF124695.D

Acq: 22 Jul 2021 18:20

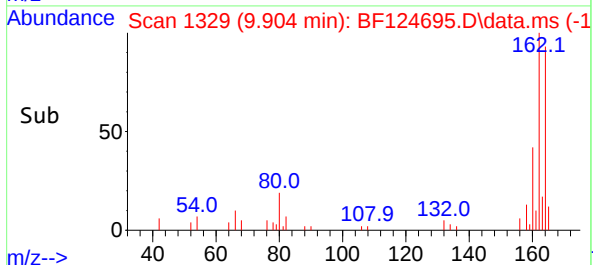
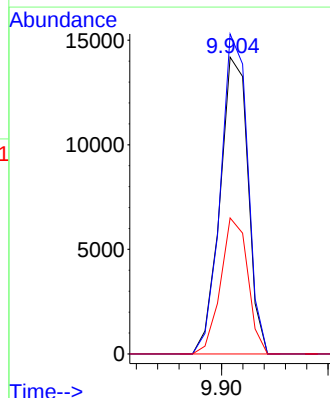
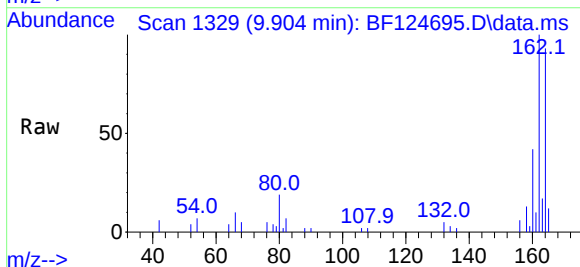
Tgt Ion: 164 Resp: 12963

Ion Ratio Lower Upper

164 100

162 107.8 81.3 121.9

160 45.8 38.0 57.0

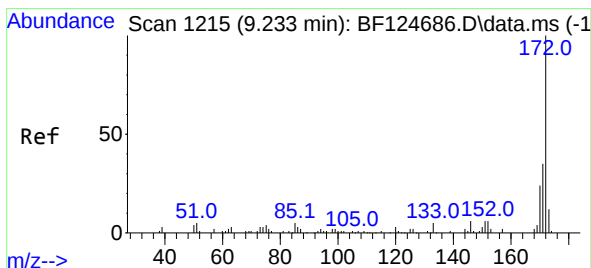
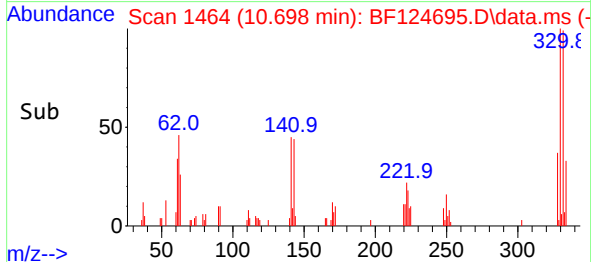
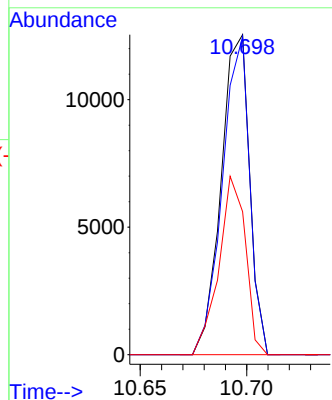
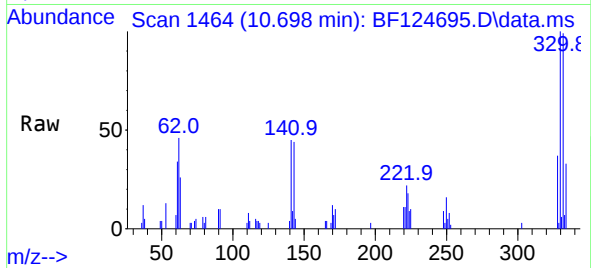




#42
2,4,6-Tribromophenol
Concen: 105.014 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

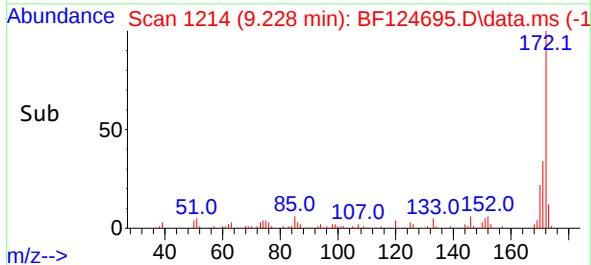
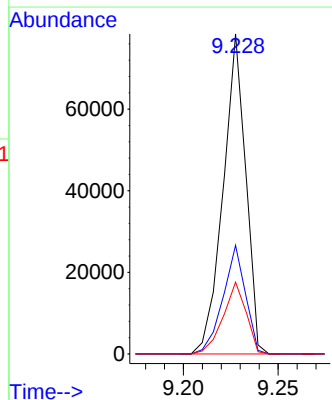
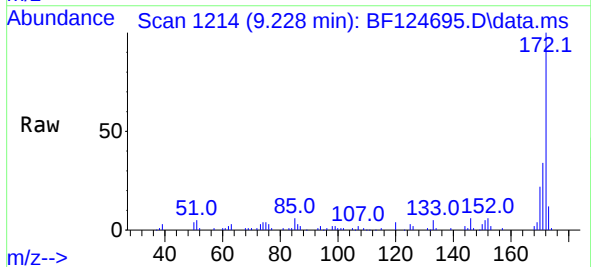
Instrument :
BNA_F
ClientSampled :
TP-A

Tgt Ion:330 Resp: 11688
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 52.1 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 73.653 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

Tgt Ion:172 Resp: 65005
Ion Ratio Lower Upper
172 100
171 34.0 26.5 39.7
170 22.4 18.8 28.2

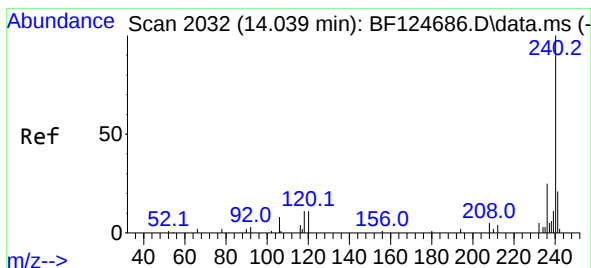
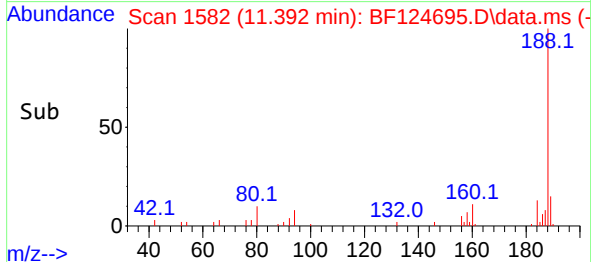
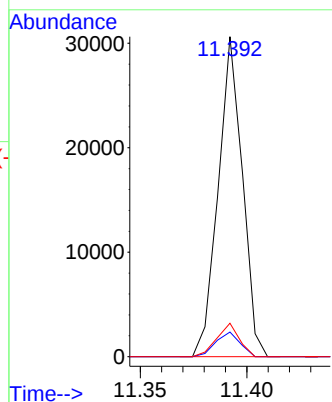
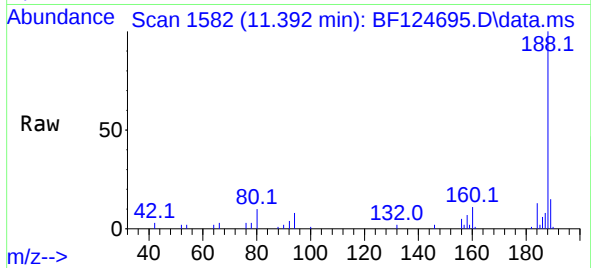




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

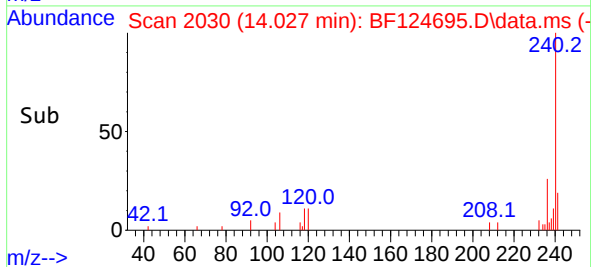
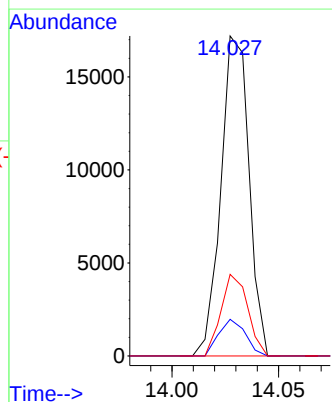
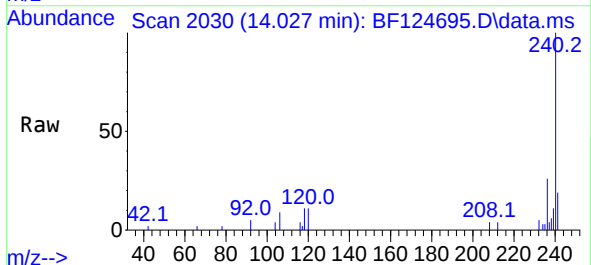
Instrument :
BNA_F
ClientSampleId :
TP-A

Tgt Ion:188 Resp: 24151
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 10.5 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: BF124695.D
Acq: 22 Jul 2021 18:20

Tgt Ion:240 Resp: 15783
Ion Ratio Lower Upper
240 100
120 11.4 10.8 16.2
236 25.5 21.6 32.4

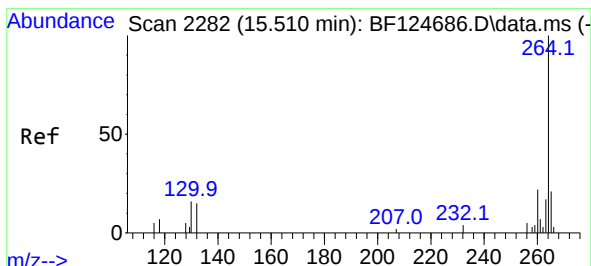
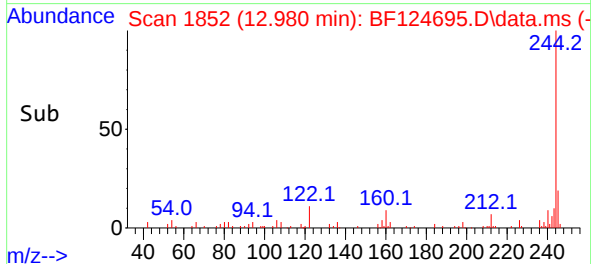
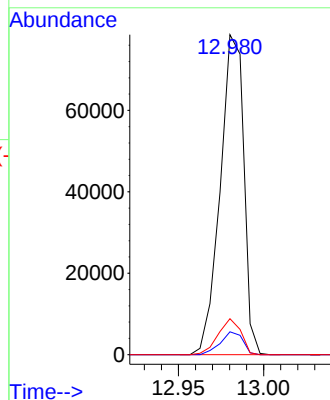
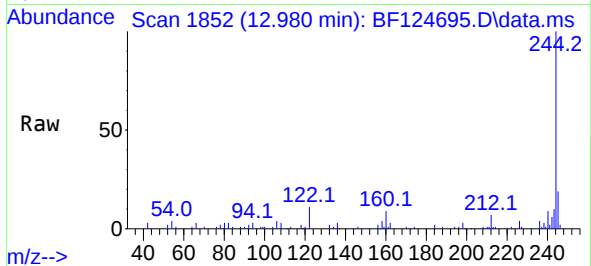




#79
 Terphenyl-d14
 Concen: 82.181 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF124695.D
 Acq: 22 Jul 2021 18:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-A

Tgt Ion:244 Resp: 75668
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.3 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: BF124695.D
 Acq: 22 Jul 2021 18:20

Tgt Ion:264 Resp: 13739
 Ion Ratio Lower Upper
 264 100
 260 21.1 19.6 29.4
 265 19.0 17.2 25.8

