

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
 Data File : BF124698.D
 Acq On : 22 Jul 2021 19:59
 Operator : JU/CG
 Sample : M3093-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210543-COM-16

Quant Time: Jul 23 02:06:11 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	5950	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	22604	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	12476	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	21762	20.000	ng	0.00
76) Chrysene-d12	14.027	240	13811	20.000	ng	-0.01
86) Perylene-d12	15.498	264	12547	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	40399	114.961	ng	0.00
7) Phenol-d6	6.493	99	46329	105.161	ng	0.00
23) Nitrobenzene-d5	7.428	82	29689	78.173	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	11483	107.199	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	61295	72.160	ng	0.00
79) Terphenyl-d14	12.980	244	59887	74.329	ng	0.00

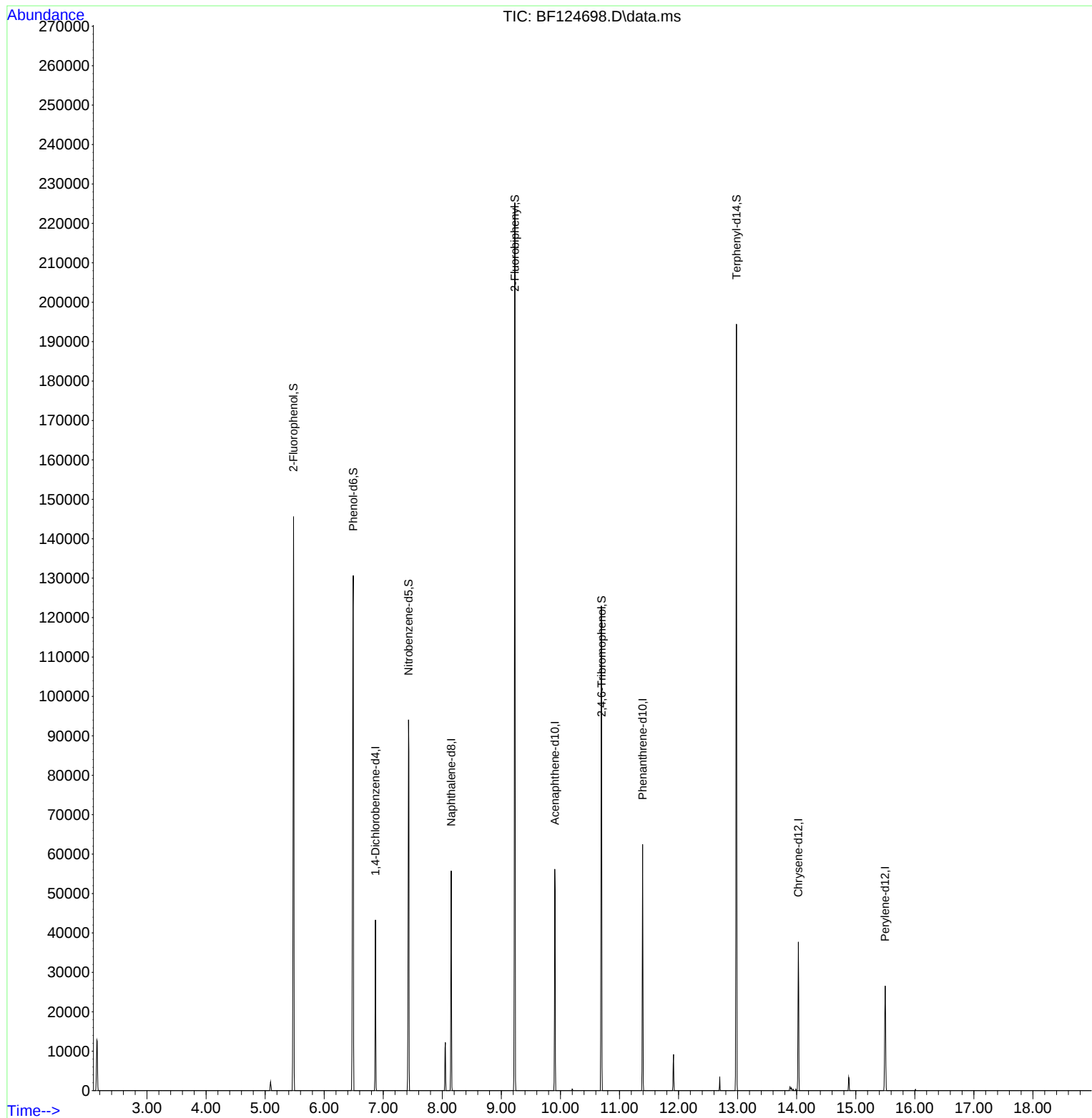
Target Compounds	Qvalue

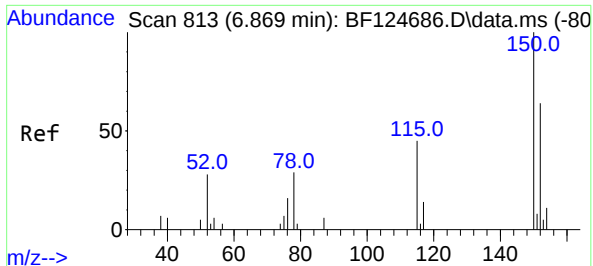
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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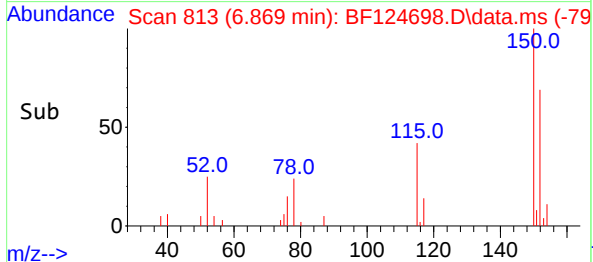
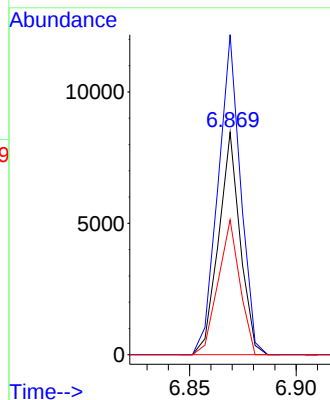
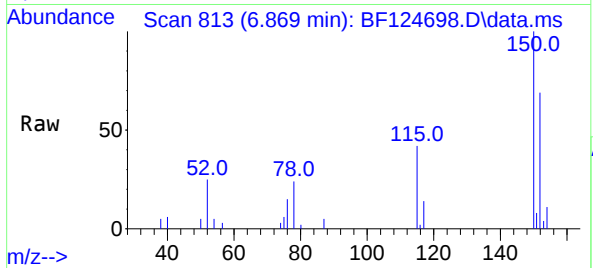




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124698.D
Acq: 22 Jul 2021 19:59

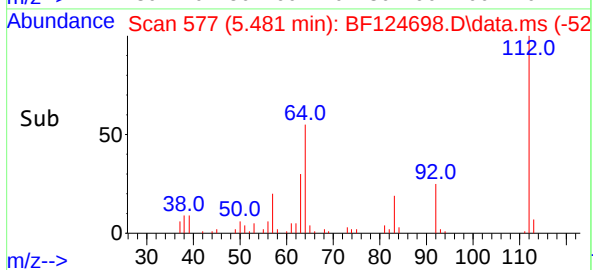
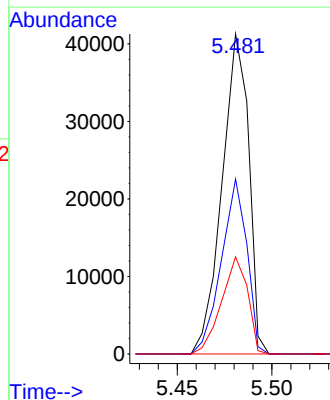
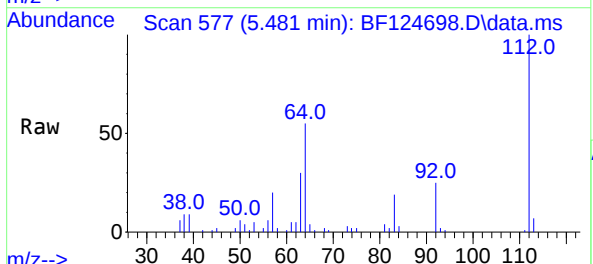
Instrument :
BNA_F
ClientSampleId :
20210543-COM-16

Tgt Ion:152 Resp: 5950
Ion Ratio Lower Upper
152 100
150 143.9 117.6 176.4
115 60.7 47.1 70.7



#5
2-Fluorophenol
Concen: 114.961 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF124698.D
Acq: 22 Jul 2021 19:59

Tgt Ion:112 Resp: 40399
Ion Ratio Lower Upper
112 100
64 54.7 44.2 66.2
63 30.4 26.2 39.2

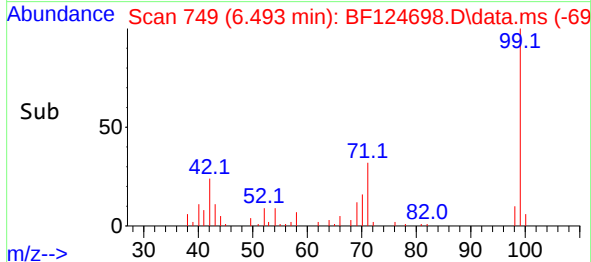
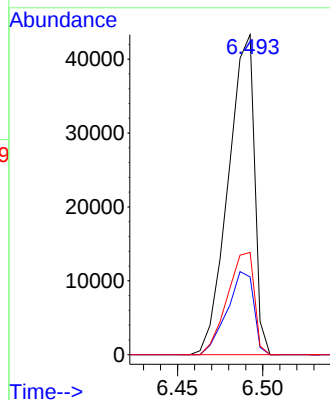
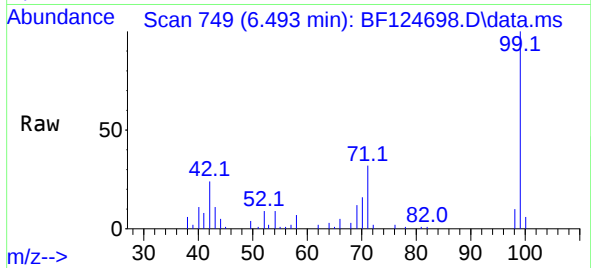




#7
Phenol-d6
Concen: 105.161 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124698.D
Acq: 22 Jul 2021 19:59

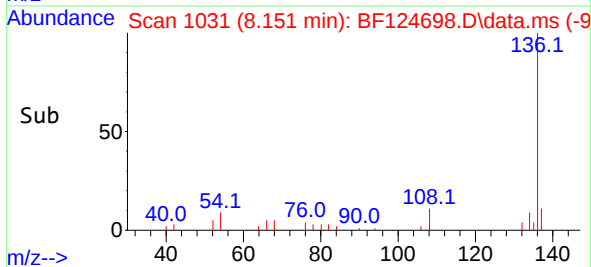
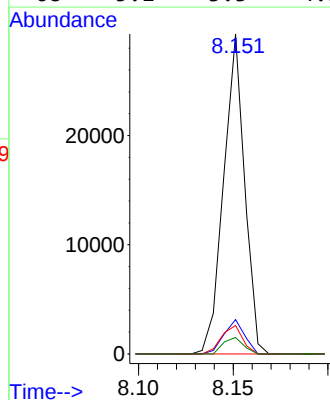
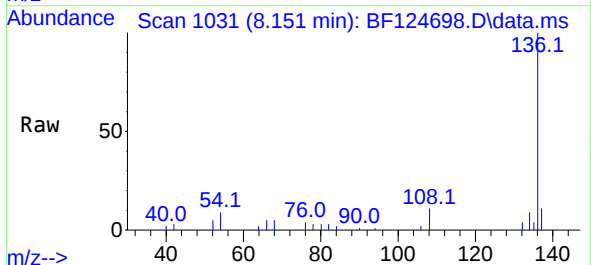
Instrument :
BNA_F
ClientSampleId :
20210543-COM-16

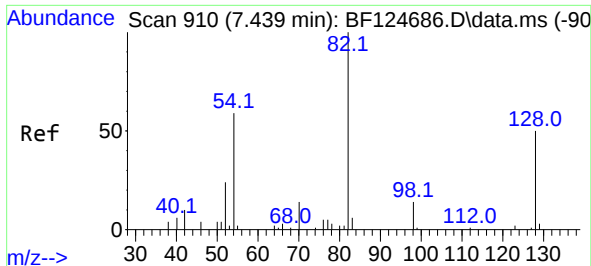
Tgt Ion: 99 Resp: 46329
Ion Ratio Lower Upper
99 100
42 24.3 23.5 35.3
71 31.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124698.D
Acq: 22 Jul 2021 19:59

Tgt Ion: 136 Resp: 22604
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 8.9 6.4 9.6
68 5.1 3.3 4.9





#23

Nitrobenzene-d5

Concen: 78.173 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF124698.D

Acq: 22 Jul 2021 19:59

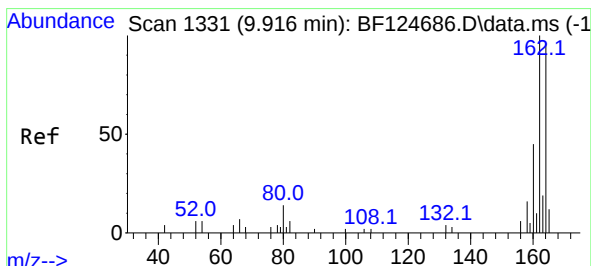
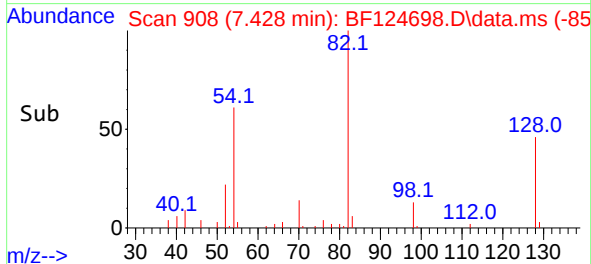
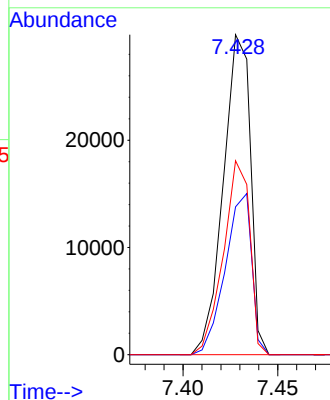
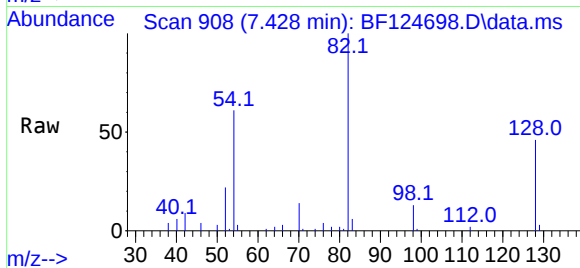
Tgt Ion: 82 Resp: 29689

Ion Ratio Lower Upper

82 100

128 46.2 40.6 60.8

54 60.6 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: BF124698.D

Acq: 22 Jul 2021 19:59

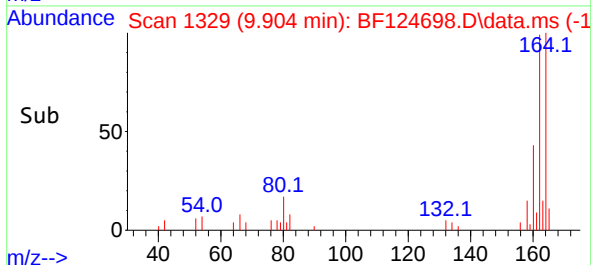
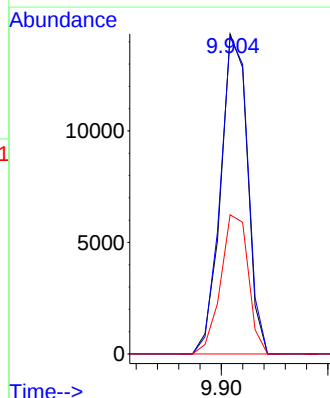
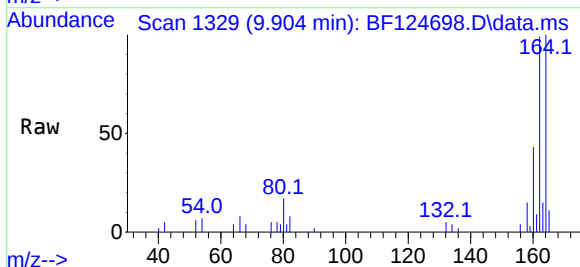
Tgt Ion:164 Resp: 12476

Ion Ratio Lower Upper

164 100

162 99.1 81.3 121.9

160 43.5 38.0 57.0

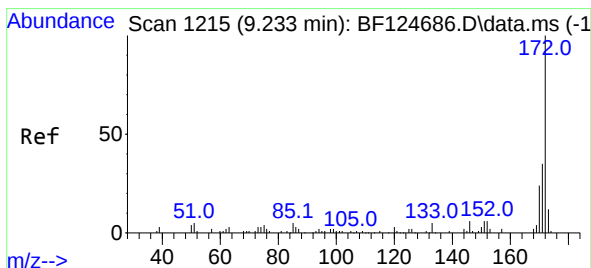
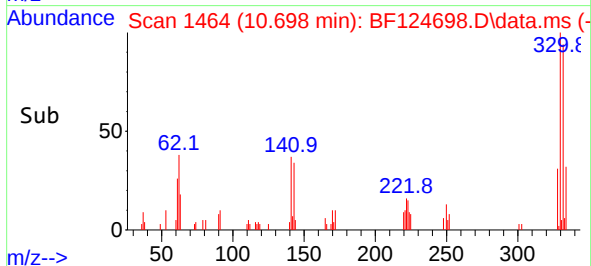
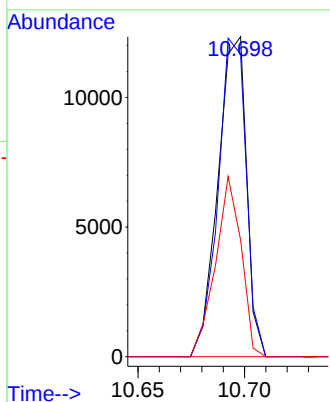
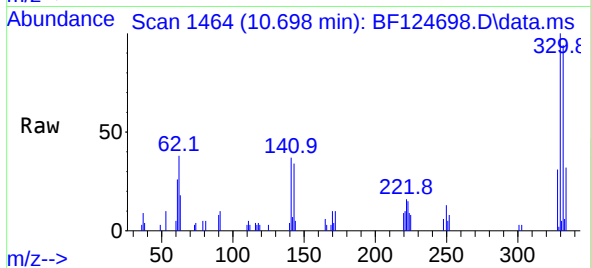




#42
2,4,6-Tribromophenol
Concen: 107.199 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124698.D
Acq: 22 Jul 2021 19:59

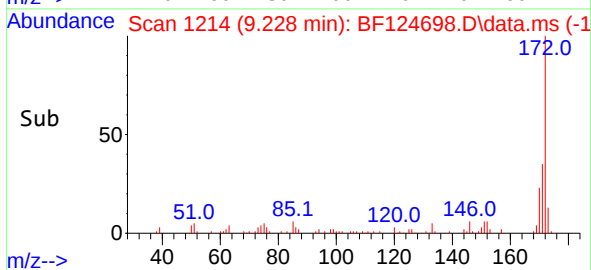
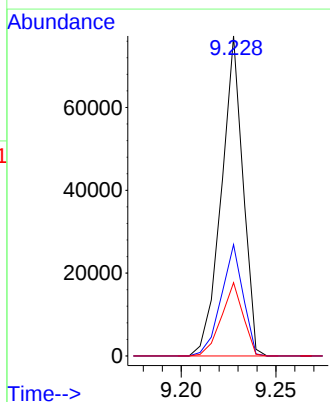
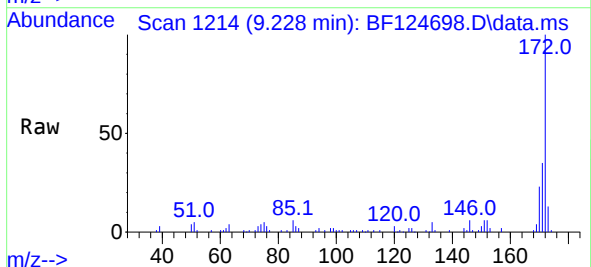
Instrument :
BNA_F
ClientSampleId :
20210543-COM-16

Tgt Ion: 330 Resp: 11483
Ion Ratio Lower Upper
330 100
332 97.8 76.2 114.4
141 50.9 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 72.160 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124698.D
Acq: 22 Jul 2021 19:59

Tgt Ion: 172 Resp: 61295
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 22.9 18.8 28.2



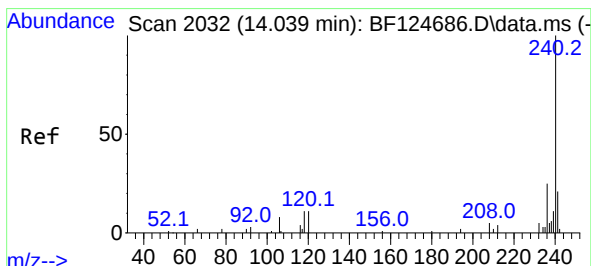
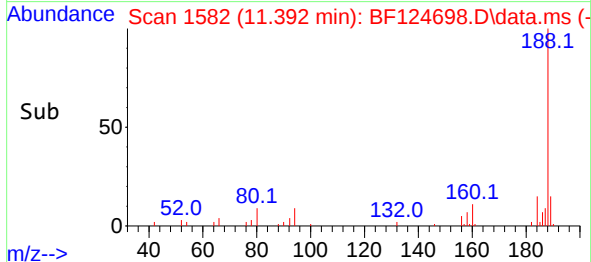
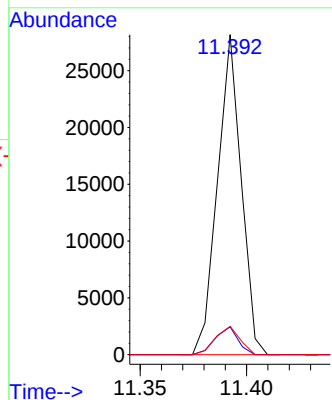
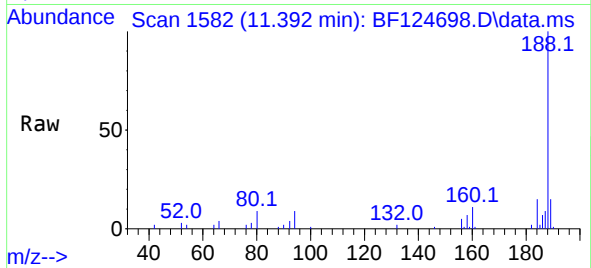


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124698.D
Acq: 22 Jul 2021 19:59

Instrument :
BNA_F
ClientSampleId :
20210543-COM-16

Tgt Ion:188 Resp: 21762

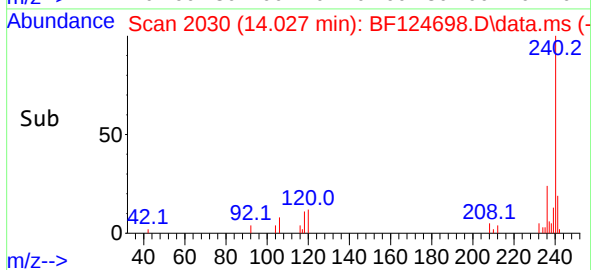
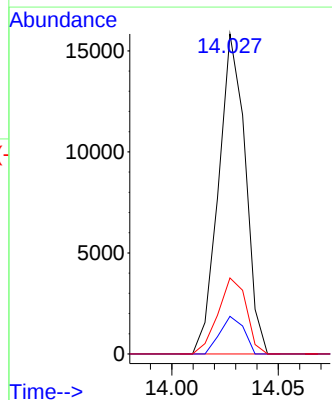
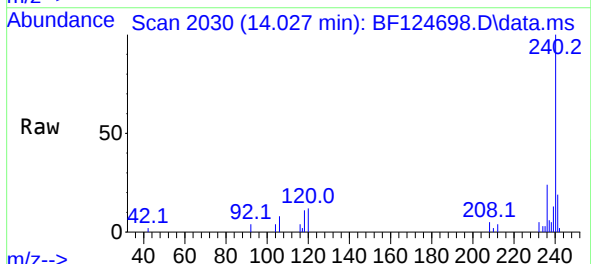
Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	8.8	7.5	11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124698.D
Acq: 22 Jul 2021 19:59

Tgt Ion:240 Resp: 13811

Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.8	16.2
236	23.7	21.6	32.4

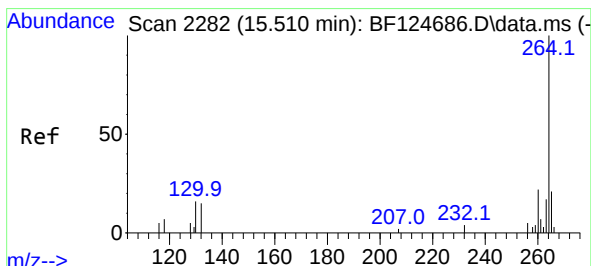
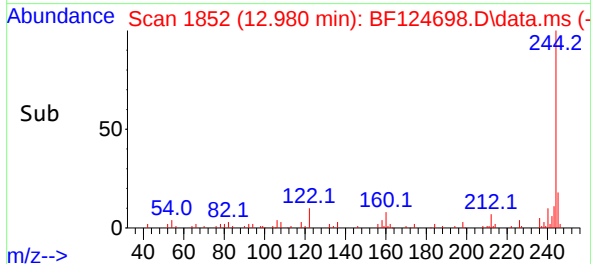
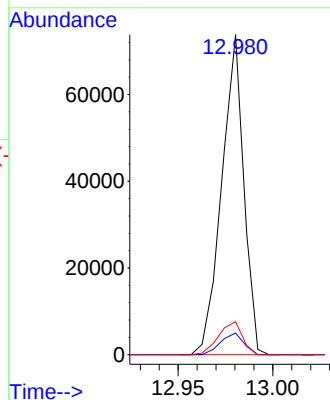
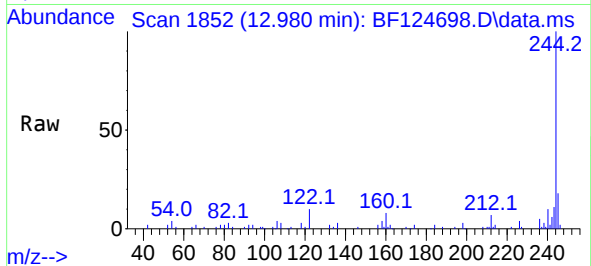




#79
 Terphenyl-d14
 Concen: 74.329 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF124698.D
 Acq: 22 Jul 2021 19:59

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 BNA_F
 ClientSampleId :
 20210543-COM-16

Tgt Ion:	244	Resp:	59887
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.9	8.9
122	10.3	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: BF124698.D
 Acq: 22 Jul 2021 19:59

Tgt Ion:	264	Resp:	12547
Ion Ratio	Lower	Upper	
264	100		
260	21.9	19.6	29.4
265	19.5	17.2	25.8

