

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
 Data File : BF124699.D
 Acq On : 22 Jul 2021 20:31
 Operator : JU/CG
 Sample : M3093-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210557-COM-30

Quant Time: Jul 23 02:06:18 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	6091	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	23533	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	13034	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	22521	20.000	ng	0.00
76) Chrysene-d12	14.027	240	14308	20.000	ng	-0.01
86) Perylene-d12	15.498	264	13152	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	35175	97.779	ng	0.00
7) Phenol-d6	6.486	99	41368	91.727	ng	-0.01
23) Nitrobenzene-d5	7.428	82	26378	66.713	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	10475	93.602	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	54826	61.781	ng	0.00
79) Terphenyl-d14	12.980	244	54582	65.391	ng	0.00

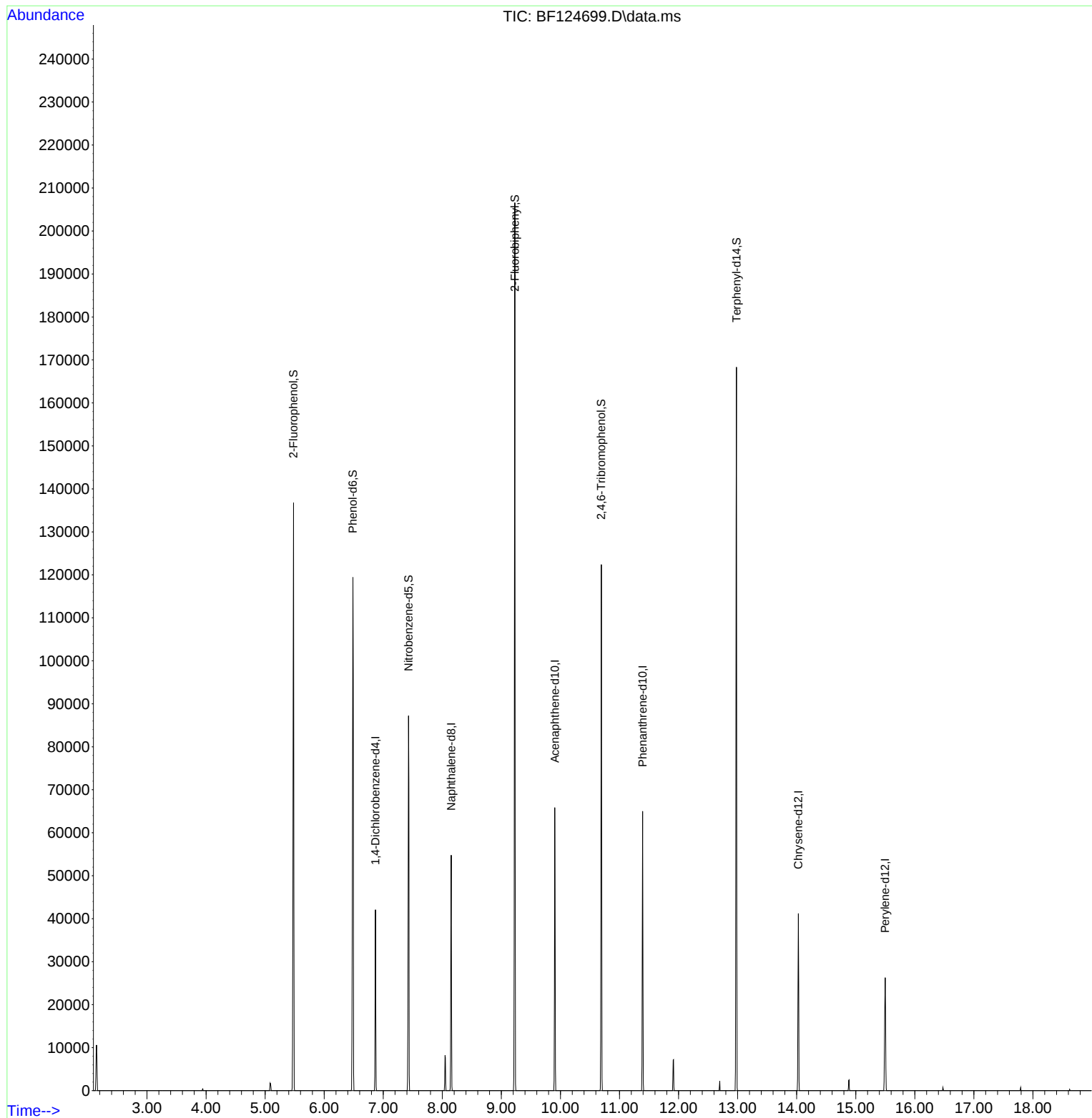
Target Compounds	Qvalue

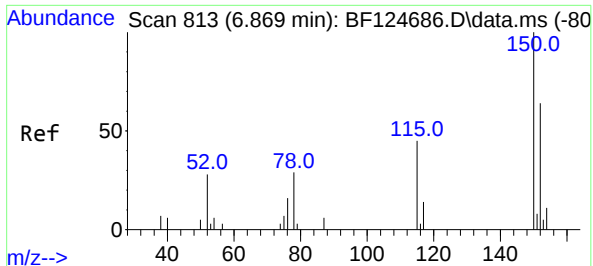
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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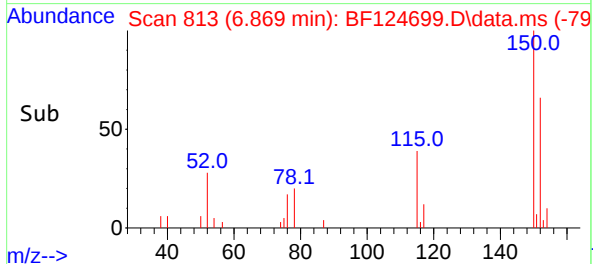
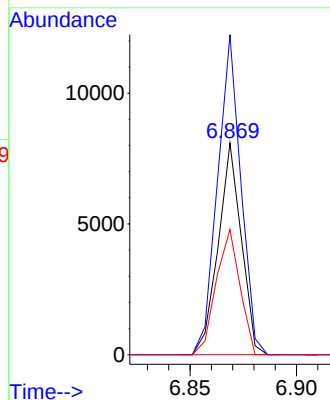
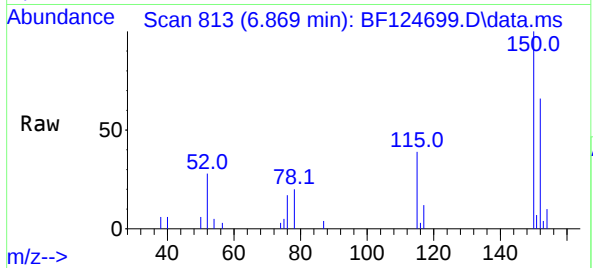




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31

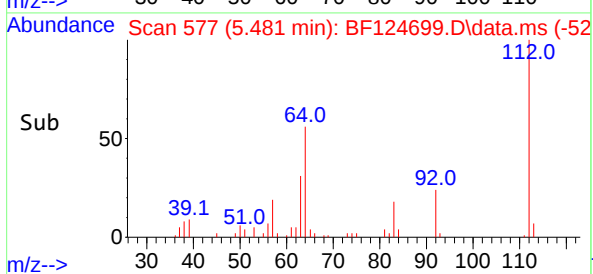
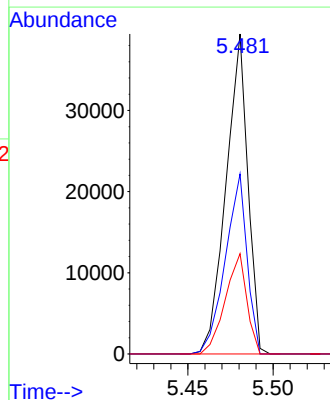
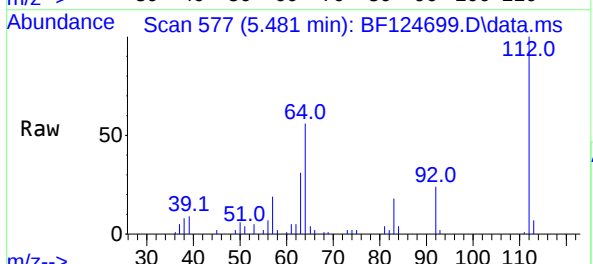
Instrument :
BNA_F
ClientSampleId :
20210557-COM-30

Tgt Ion:152 Resp: 6091
Ion Ratio Lower Upper
152 100
150 151.2 117.6 176.4
115 59.2 47.1 70.7



#5
2-Fluorophenol
Concen: 97.779 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31

Tgt Ion:112 Resp: 35175
Ion Ratio Lower Upper
112 100
64 56.3 44.2 66.2
63 31.4 26.2 39.2

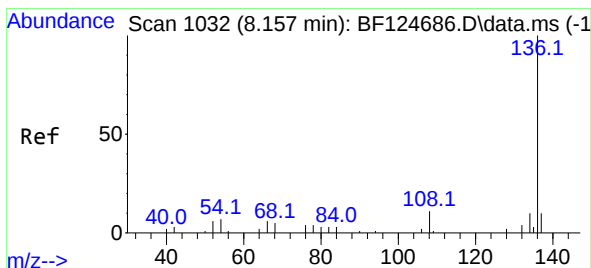
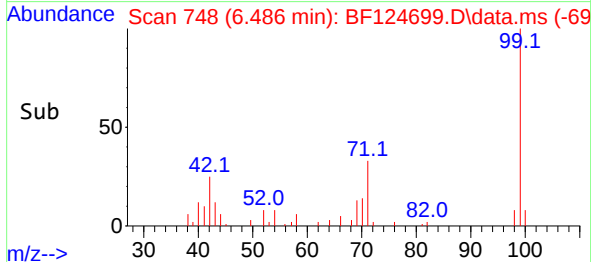
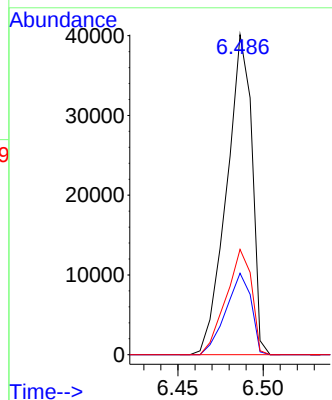
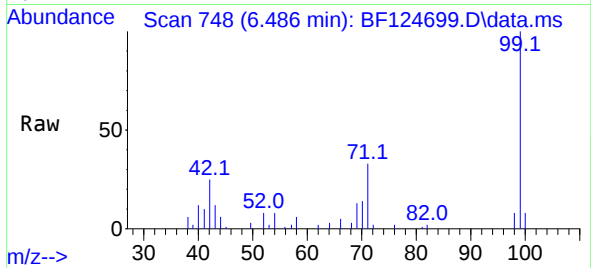




#7
Phenol-d6
Concen: 91.727 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31

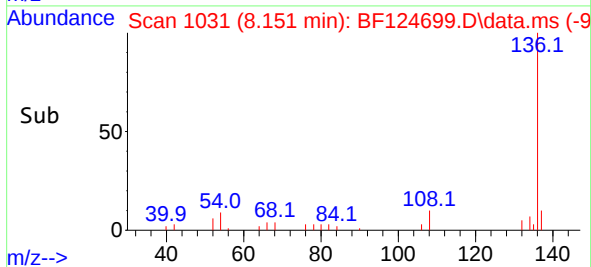
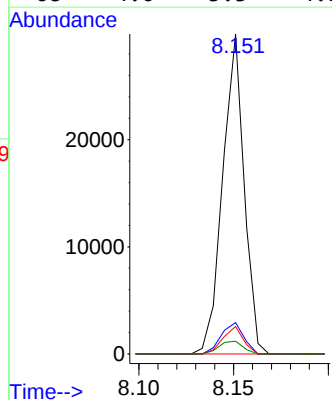
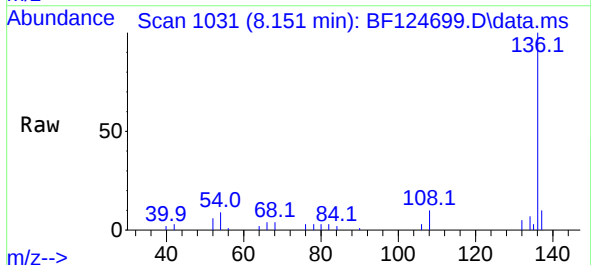
Instrument :
BNA_F
ClientSampleId :
20210557-COM-30

Tgt Ion: 99 Resp: 41368
Ion Ratio Lower Upper
99 100
42 25.5 23.5 35.3
71 32.9 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: BF124699.D
Acq: 22 Jul 2021 20:31

Tgt Ion: 136 Resp: 23533
Ion Ratio Lower Upper
136 100
137 9.8 9.8 14.6
54 8.6 6.4 9.6
68 4.0 3.3 4.9





#23

Nitrobenzene-d5

Concen: 66.713 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF124699.D

Acq: 22 Jul 2021 20:31

Instrument :

BNA_F

ClientSampleId :

20210557-COM-30

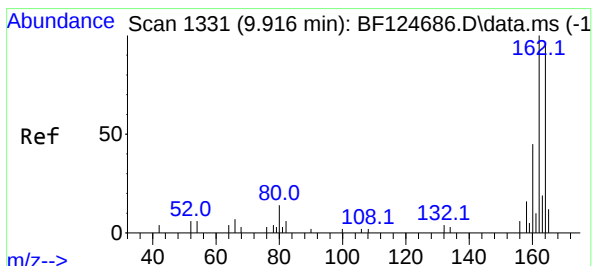
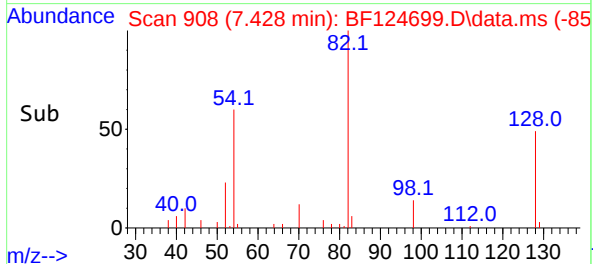
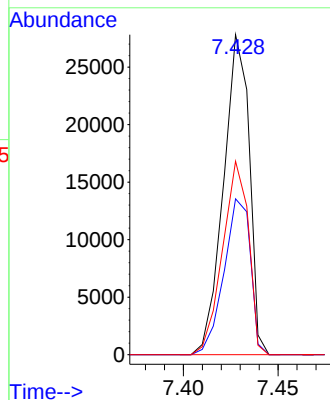
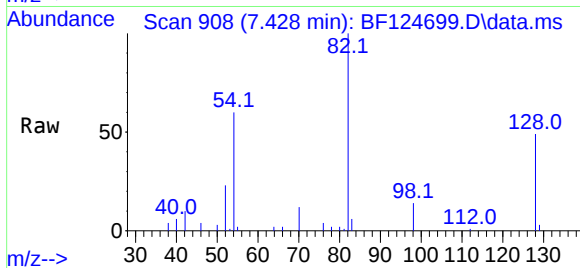
Tgt Ion: 82 Resp: 26378

Ion Ratio Lower Upper

82 100

128 48.7 40.6 60.8

54 60.5 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: BF124699.D

Acq: 22 Jul 2021 20:31

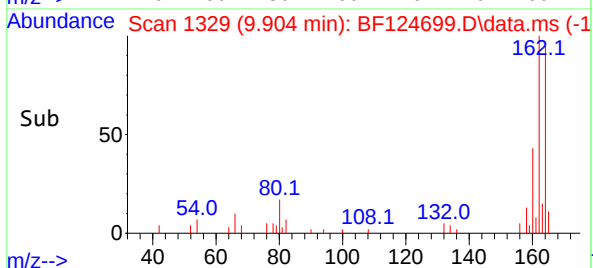
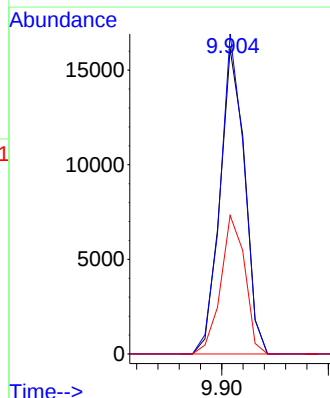
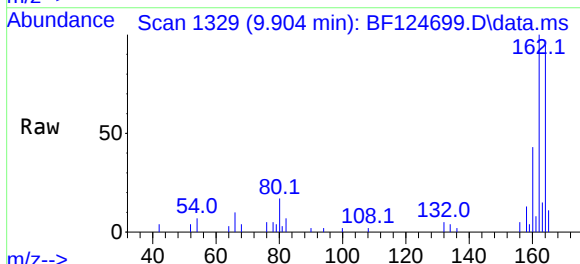
Tgt Ion:164 Resp: 13034

Ion Ratio Lower Upper

164 100

162 104.9 81.3 121.9

160 45.4 38.0 57.0

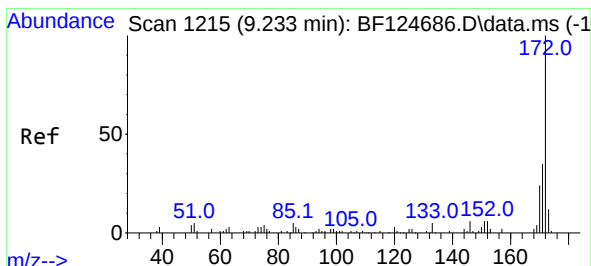
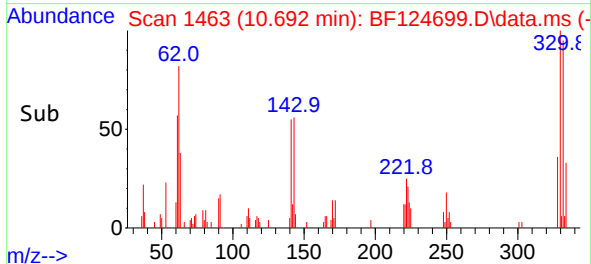
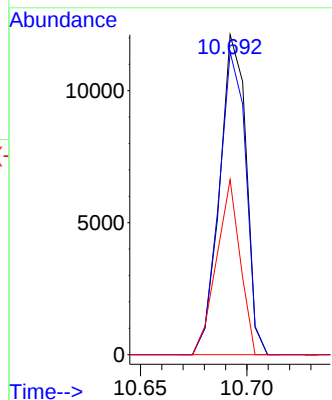
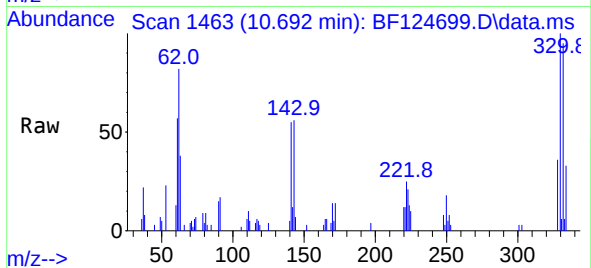




#42
2,4,6-Tribromophenol
Concen: 93.602 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31

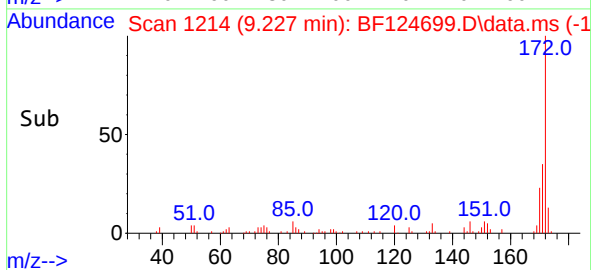
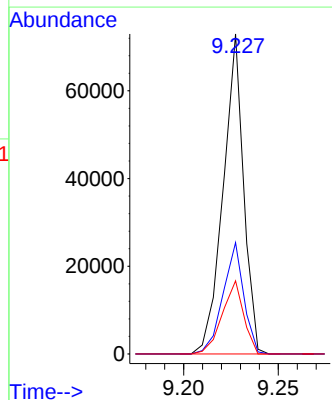
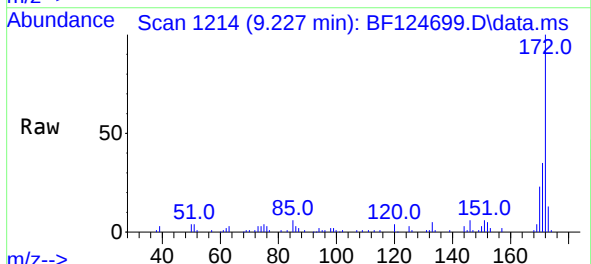
Instrument :
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20210557-COM-30

Tgt Ion:330 Resp: 10475
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 48.8 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 61.781 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31

Tgt Ion:172 Resp: 54826
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 22.8 18.8 28.2

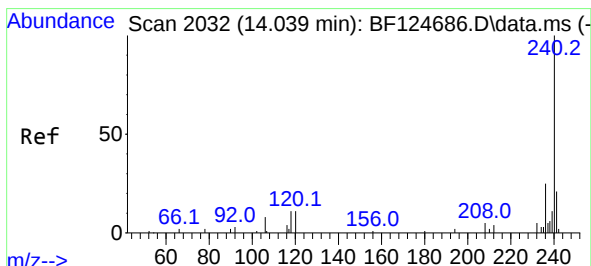
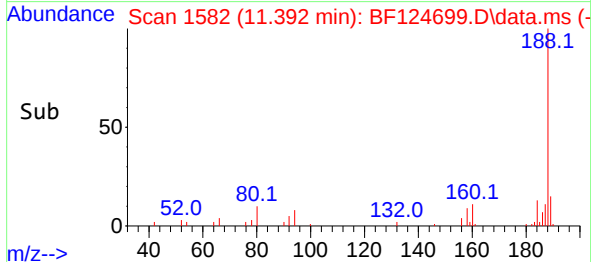
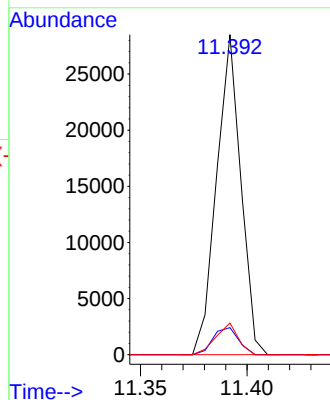
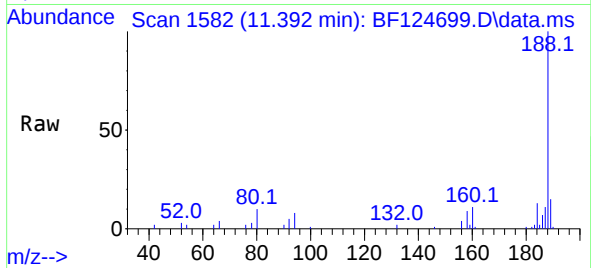




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124699.D
Acq: 22 Jul 2021 20:31

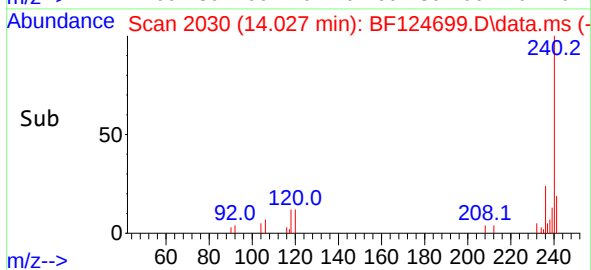
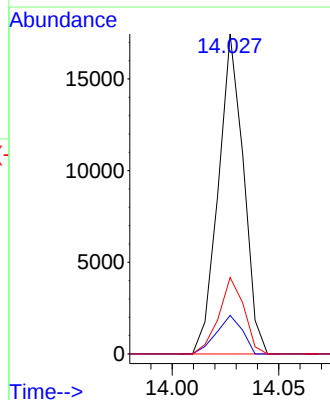
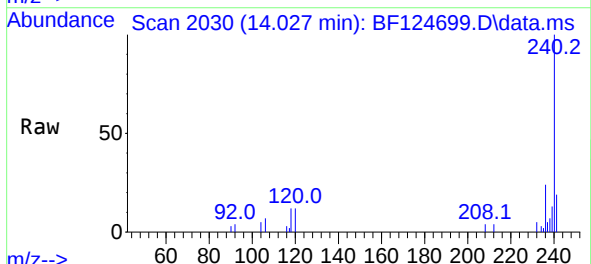
Instrument :
BNA_F
ClientSampleId :
20210557-COM-30

Tgt Ion:188 Resp: 22521
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.9 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: BF124699.D
Acq: 22 Jul 2021 20:31

Tgt Ion:240 Resp: 14308
Ion Ratio Lower Upper
240 100
120 12.1 10.8 16.2
236 23.9 21.6 32.4

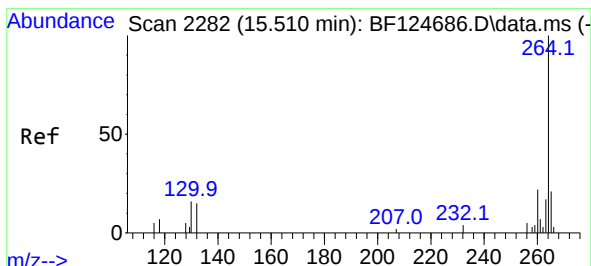
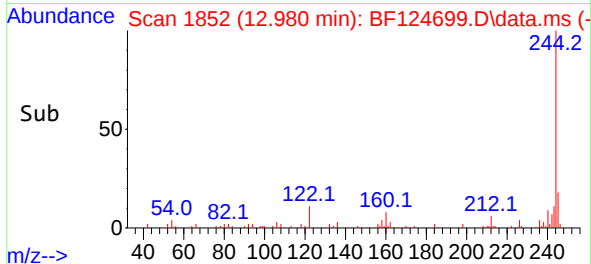
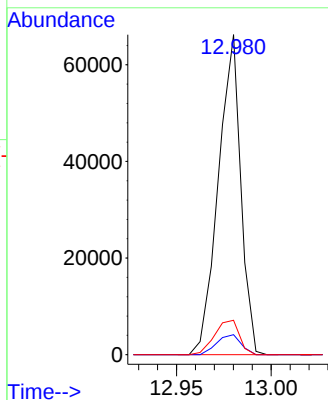
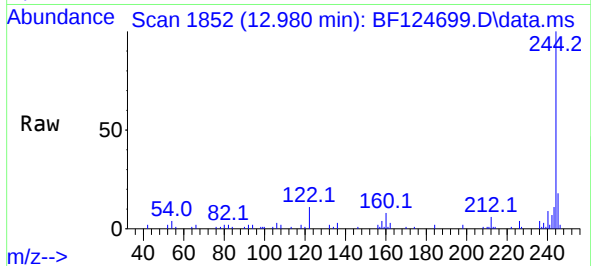




#79
 Terphenyl-d14
 Concen: 65.391 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF124699.D
 Acq: 22 Jul 2021 20:31

Instrument :
 BNA_F
 ClientSampleId :
 20210557-COM-30

Tgt Ion:244 Resp: 54582
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.9 8.9
 122 10.8 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: BF124699.D
 Acq: 22 Jul 2021 20:31

Tgt Ion:264 Resp: 13152
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.6 29.4
 265 20.9 17.2 25.8

