

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
 Data File : BF124700.D
 Acq On : 22 Jul 2021 21:04
 Operator : JU/CG
 Sample : M3093-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210529-COM-2

Quant Time: Jul 23 02:06:26 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	5716	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	22587	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	12085	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	22470	20.000	ng	0.00
76) Chrysene-d12	14.027	240	14387	20.000	ng	-0.01
86) Perylene-d12	15.498	264	12180	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	35796	106.033	ng	0.00
7) Phenol-d6	6.487	99	42681	100.847	ng	-0.01
23) Nitrobenzene-d5	7.428	82	26007	68.530	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	10831	104.384	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	51568	62.673	ng	0.00
79) Terphenyl-d14	12.980	244	48356	57.614	ng	0.00

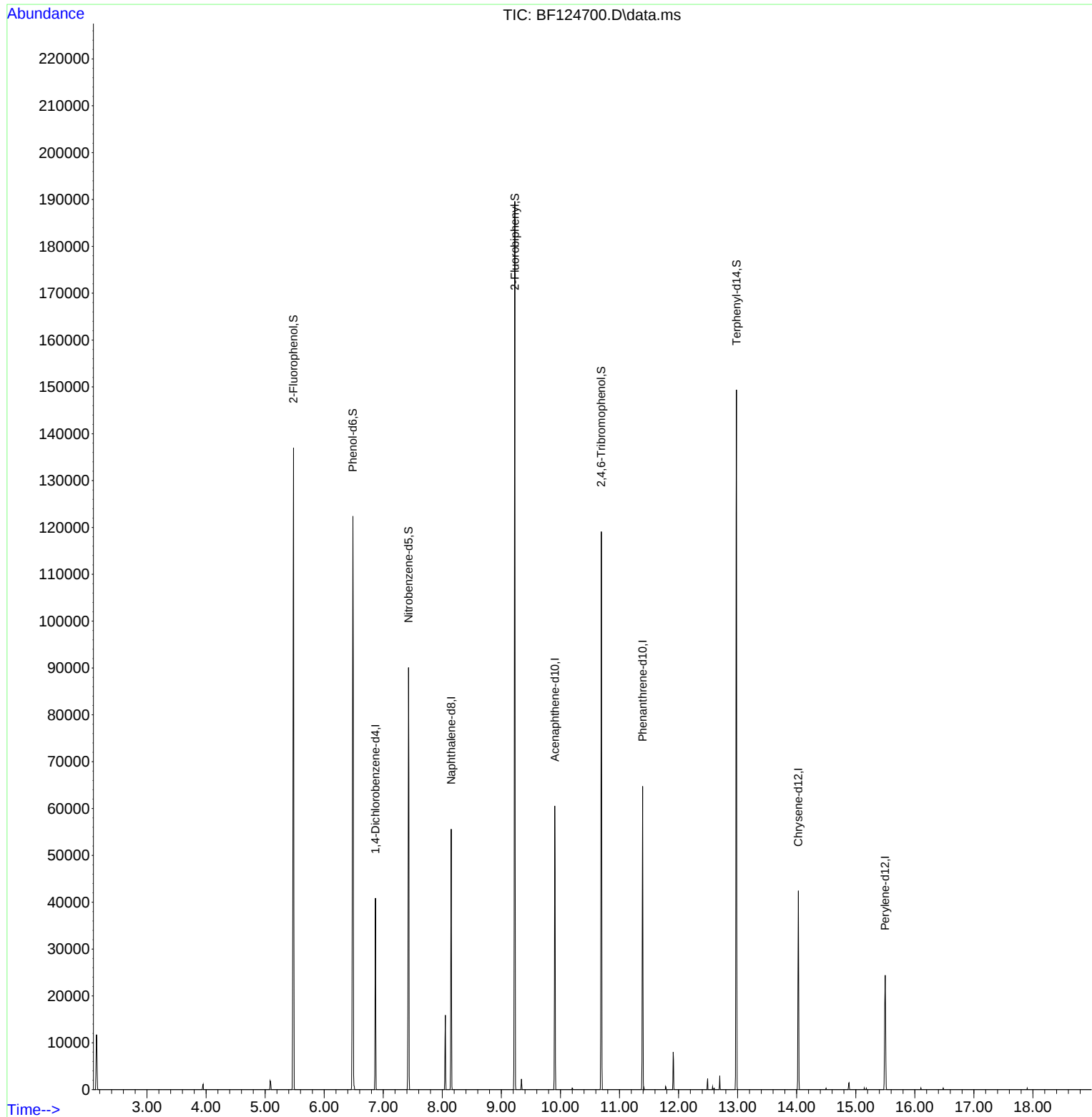
Target Compounds	Qvalue

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

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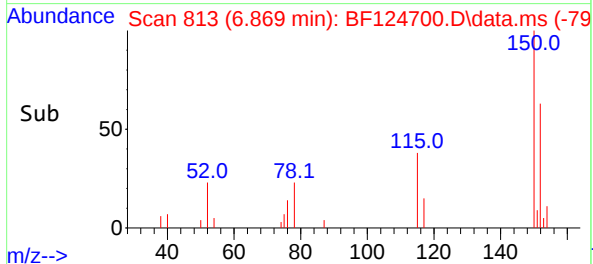
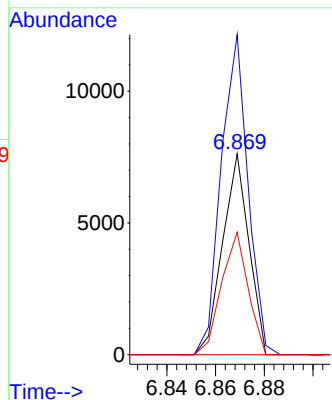
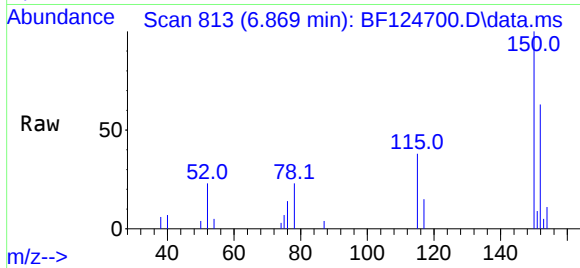




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

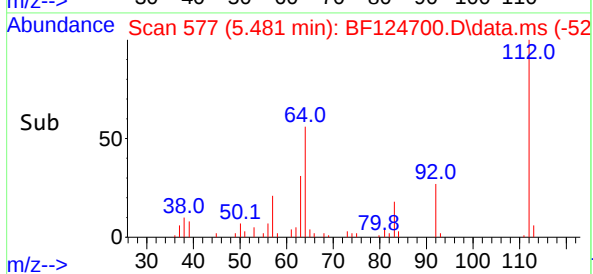
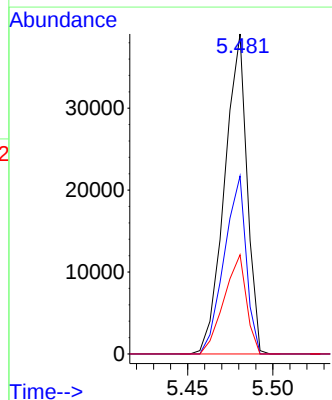
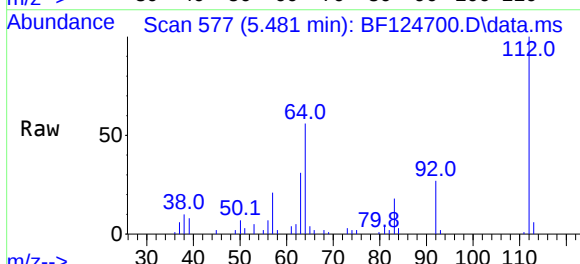
Instrument :
BNA_F
ClientSampleId :
20210529-COM-2

Tgt Ion:152 Resp: 5716
Ion Ratio Lower Upper
152 100
150 159.4 117.6 176.4
115 61.0 47.1 70.7



#5
2-Fluorophenol
Concen: 106.033 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

Tgt Ion:112 Resp: 35796
Ion Ratio Lower Upper
112 100
64 55.6 44.2 66.2
63 31.0 26.2 39.2



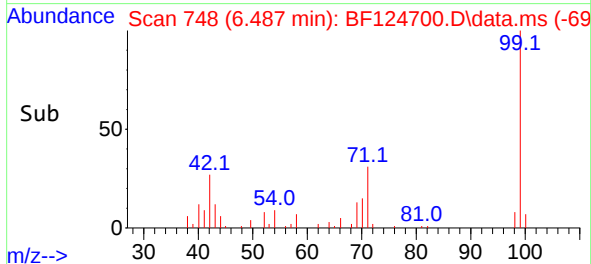
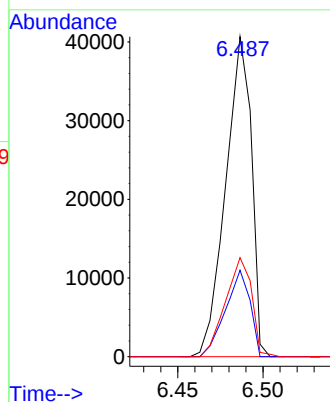
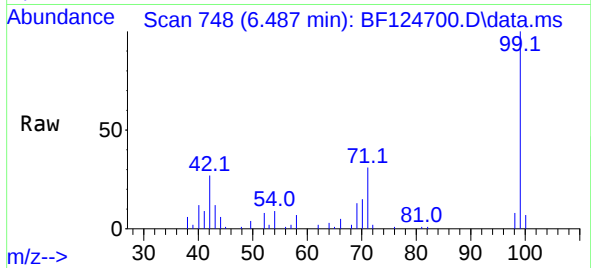


#7
Phenol-d6
Concen: 100.847 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

Instrument :
BNA_F
ClientSampleId :
20210529-COM-2

Tgt Ion: 99 Resp: 42681

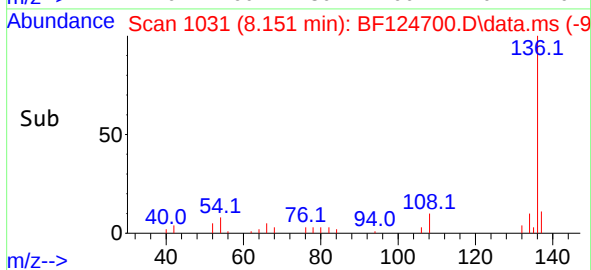
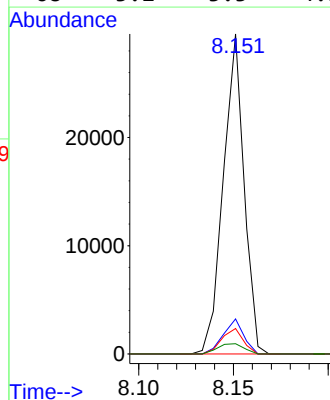
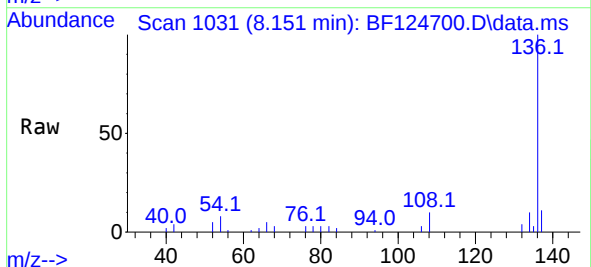
Ion	Ratio	Lower	Upper
99	100		
42	27.0	23.5	35.3
71	31.0	25.6	38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

Tgt Ion: 136 Resp: 22587

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	8.0	6.4	9.6
68	3.2	3.3	4.9





#23

Nitrobenzene-d5

Concen: 68.530 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF124700.D

Acq: 22 Jul 2021 21:04

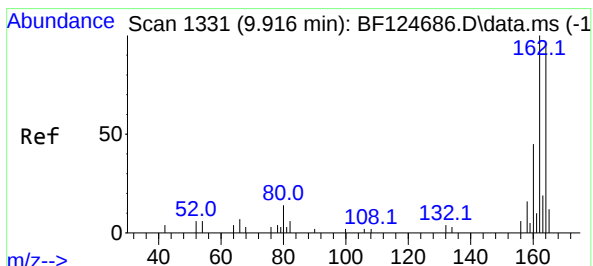
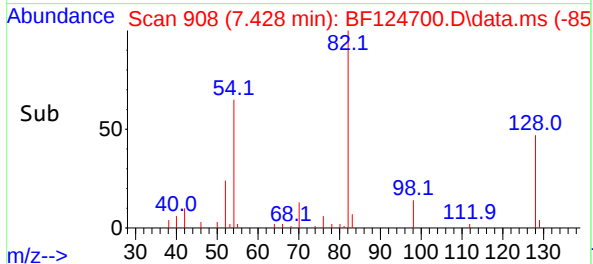
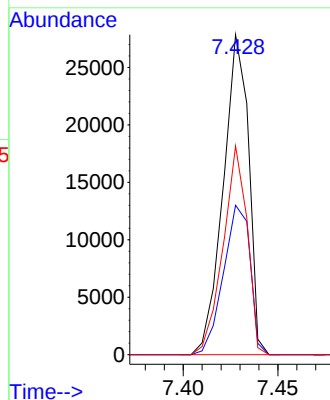
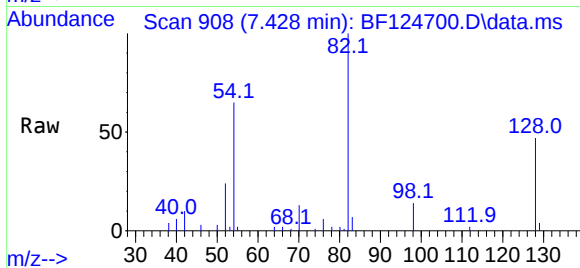
Tgt Ion: 82 Resp: 26007

Ion Ratio Lower Upper

82 100

128 46.7 40.6 60.8

54 65.2 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: BF124700.D

Acq: 22 Jul 2021 21:04

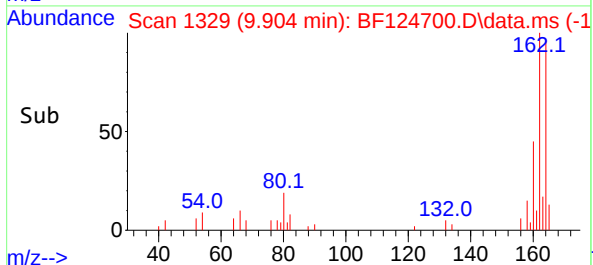
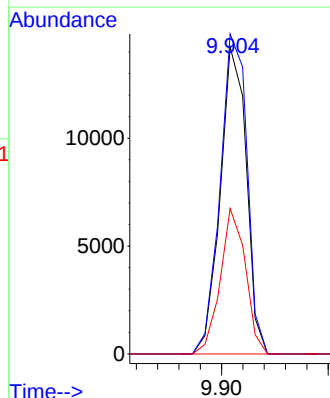
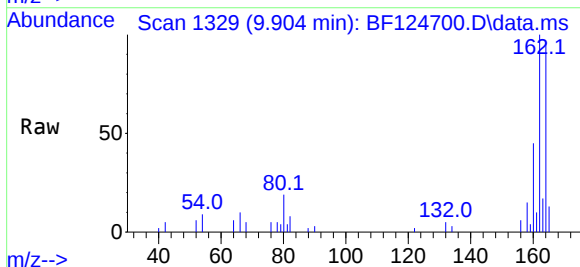
Tgt Ion:164 Resp: 12085

Ion Ratio Lower Upper

164 100

162 104.2 81.3 121.9

160 47.4 38.0 57.0

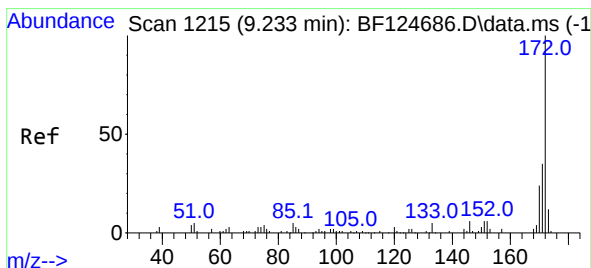
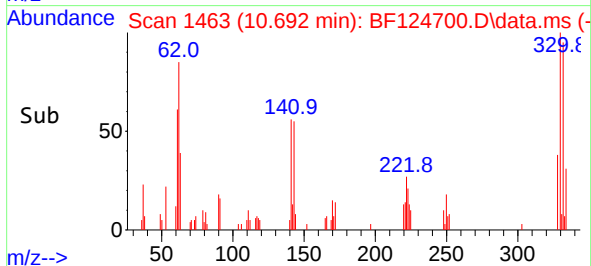
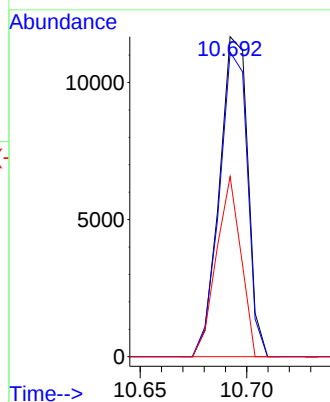
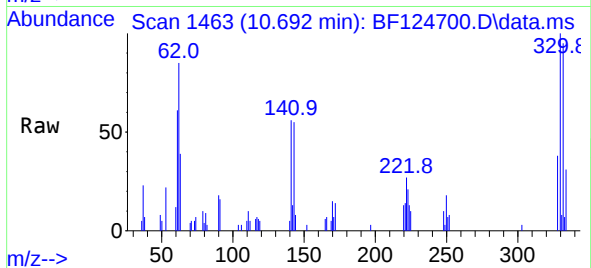




#42
2,4,6-Tribromophenol
Concen: 104.384 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

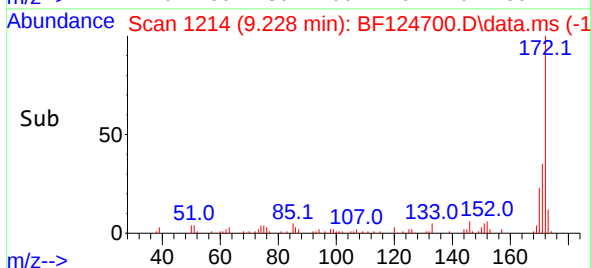
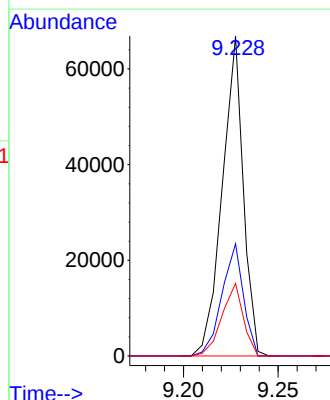
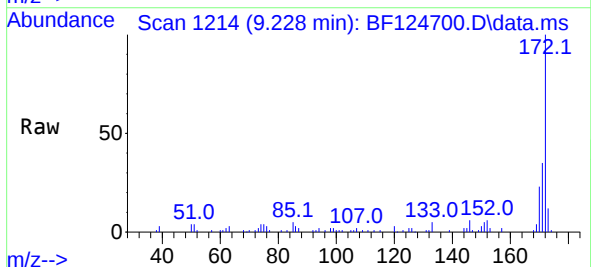
Instrument :
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20210529-COM-2

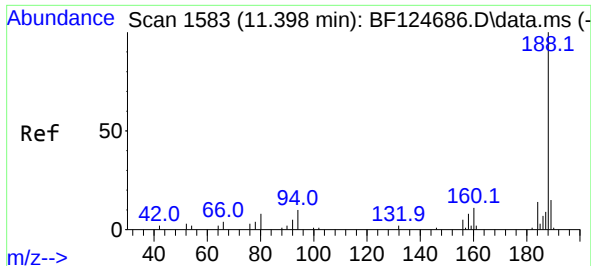
Tgt Ion:330 Resp: 10831
Ion Ratio Lower Upper
330 100
332 94.3 76.2 114.4
141 48.5 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 62.673 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

Tgt Ion:172 Resp: 51568
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 22.7 18.8 28.2

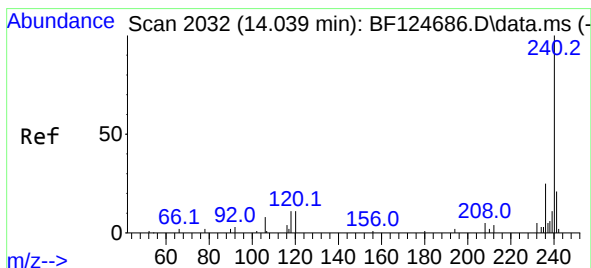
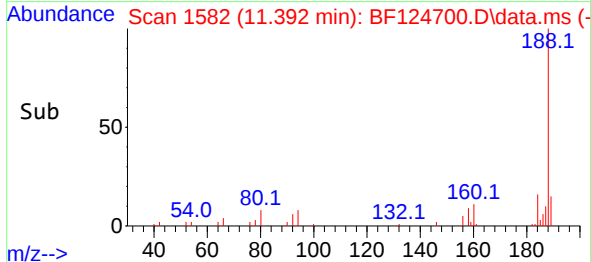
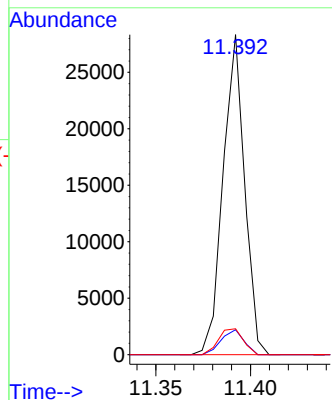
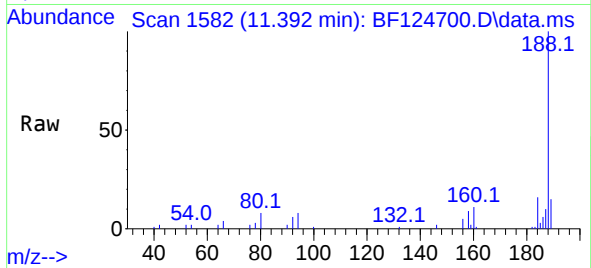




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

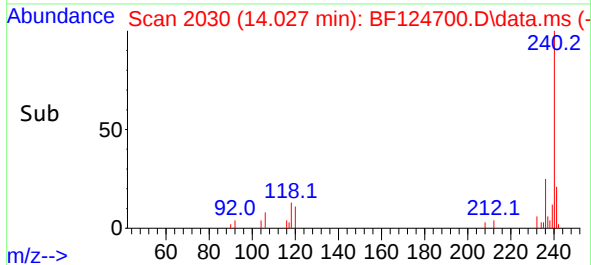
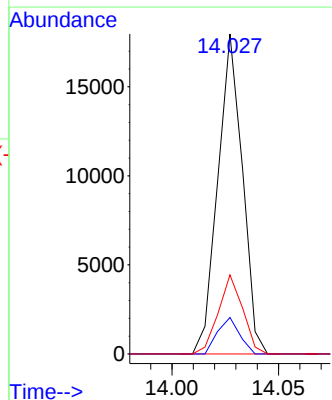
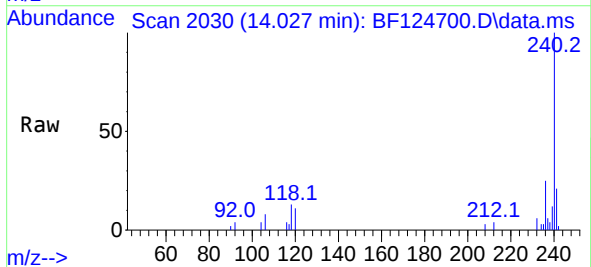
Instrument :
BNA_F
ClientSampleId :
20210529-COM-2

Tgt Ion:188 Resp: 22470
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.1 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: BF124700.D
Acq: 22 Jul 2021 21:04

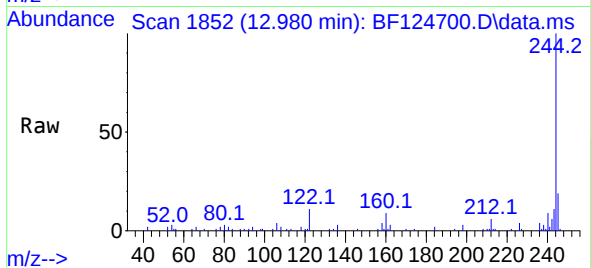
Tgt Ion:240 Resp: 14387
Ion Ratio Lower Upper
240 100
120 11.4 10.8 16.2
236 24.7 21.6 32.4



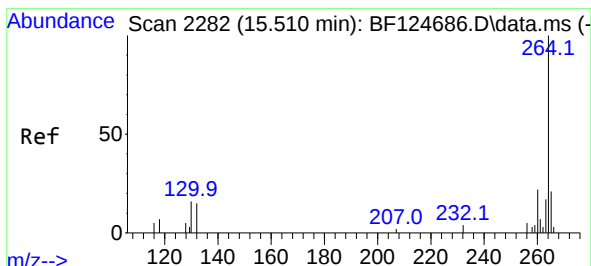
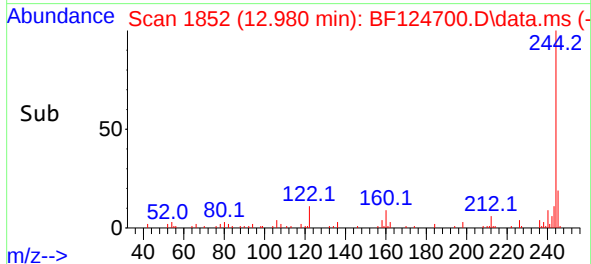
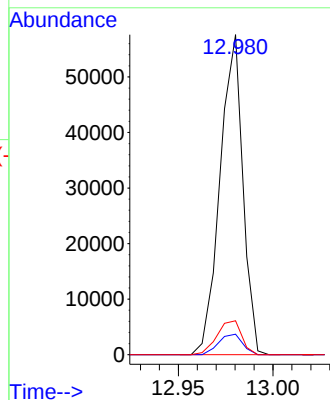


#79
Terphenyl-d14
Concen: 57.614 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124700.D
Acq: 22 Jul 2021 21:04

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 48356
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 10.6 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: BF124700.D
Acq: 22 Jul 2021 21:04

Tgt Ion:264 Resp: 12180
Ion Ratio Lower Upper
264 100
260 26.2 19.6 29.4
265 24.7 17.2 25.8

