

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124825.D
 Acq On : 28 Jul 2021 13:39
 Operator : JU/CG
 Sample : M3159-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210554-COM-27

Quant Time: Jul 28 15:17:24 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	5641	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	22277	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	13481	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	25698	20.000	ng	0.00
76) Chrysene-d12	14.033	240	21776	20.000	ng	0.00
86) Perylene-d12	15.509	264	16565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	38329	115.045	ng	0.00
7) Phenol-d6	6.498	99	46348	110.967	ng	0.00
23) Nitrobenzene-d5	7.433	82	30397	81.212	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	14678	126.811	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	58672	63.923	ng	0.00
79) Terphenyl-d14	12.986	244	75865	59.719	ng	0.00

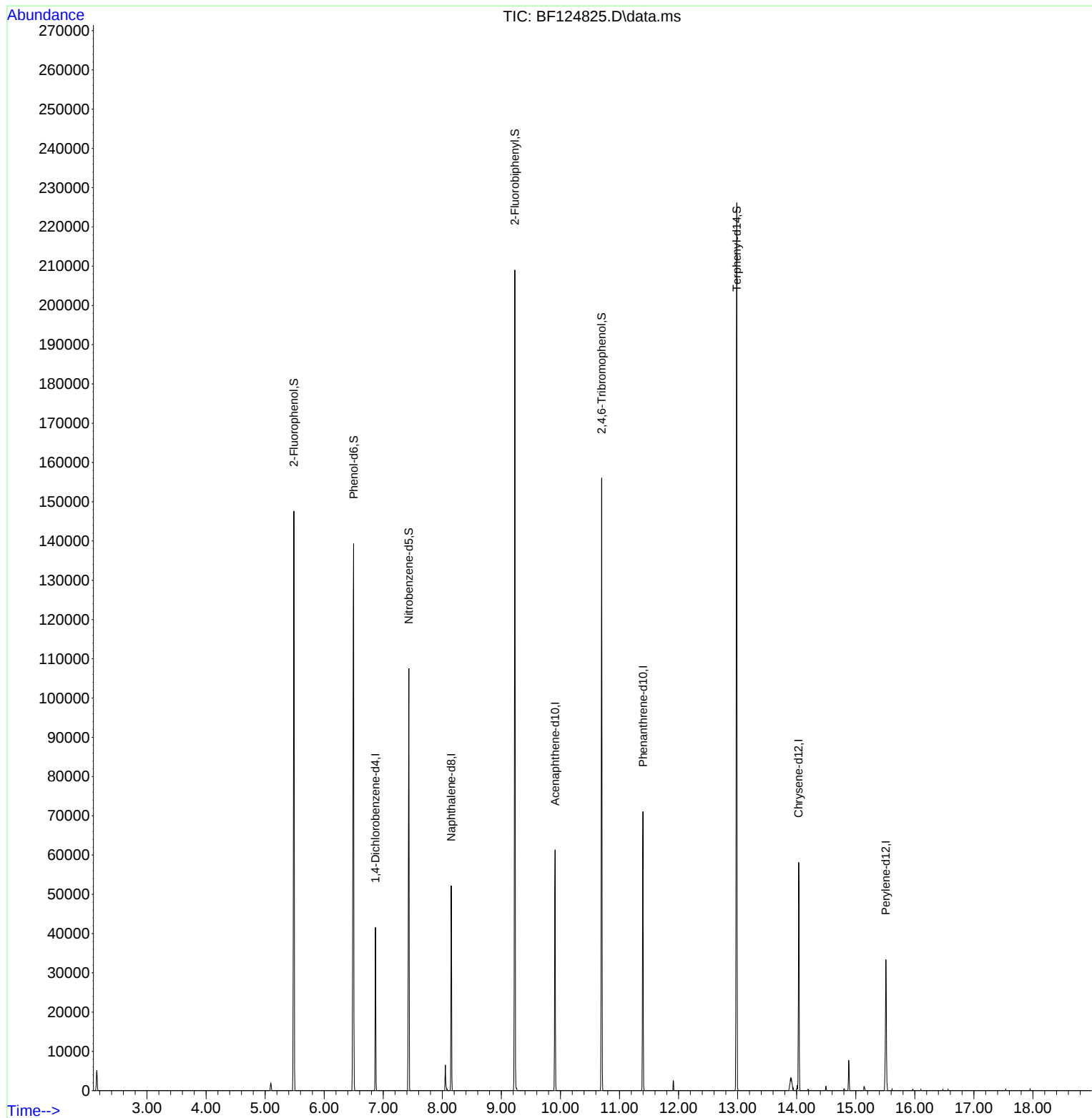
Target Compounds	Qvalue

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

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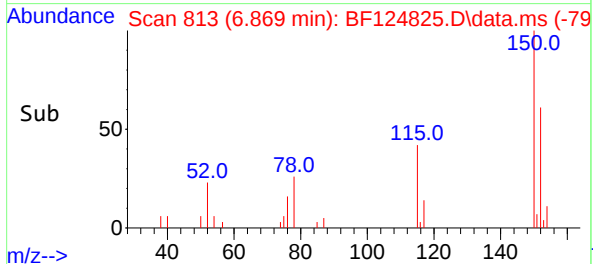
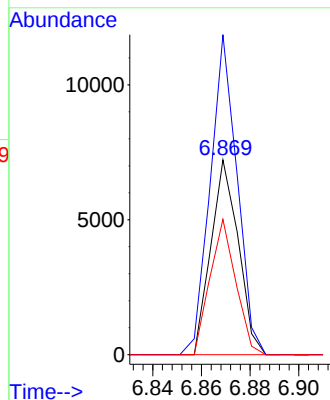
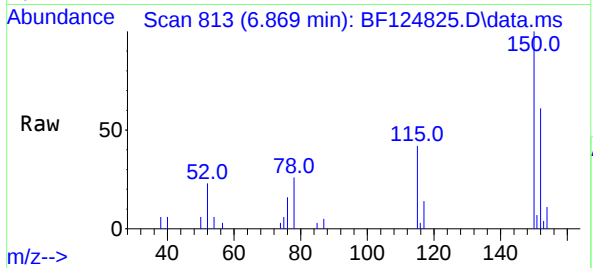




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

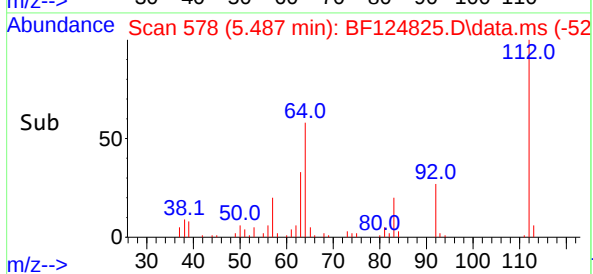
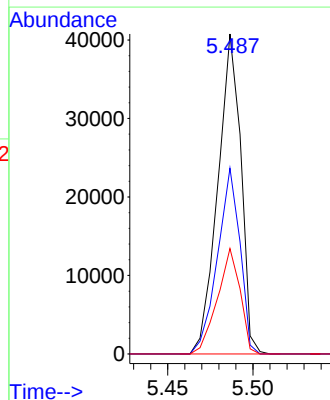
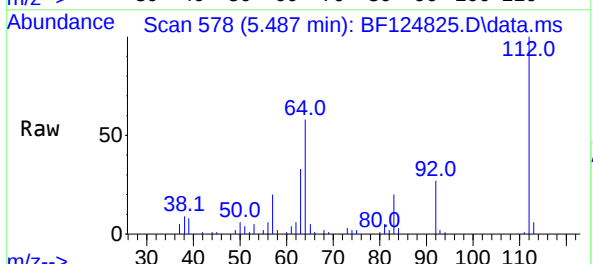
Instrument :
BNA_F
ClientSampleId :
20210554-COM-27

Tgt Ion:152 Resp: 5641
Ion Ratio Lower Upper
152 100
150 164.2 117.6 176.4
115 69.4 47.1 70.7



#5
2-Fluorophenol
Concen: 115.045 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

Tgt Ion:112 Resp: 38329
Ion Ratio Lower Upper
112 100
64 58.1 44.2 66.2
63 33.0 26.2 39.2



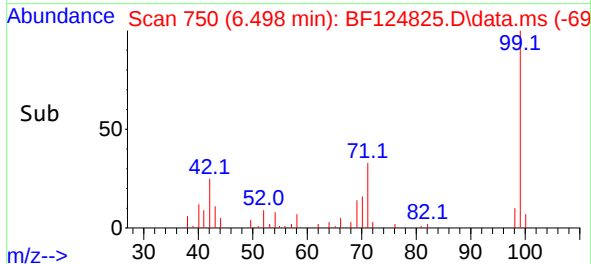
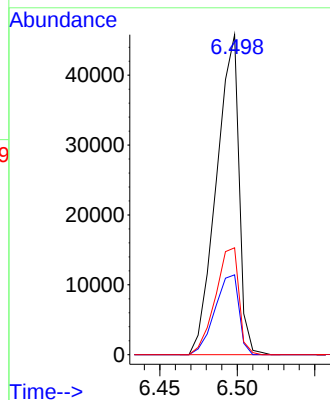
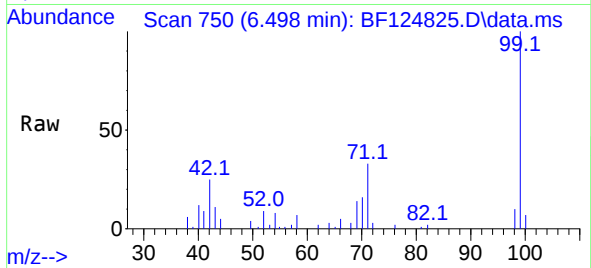


#7
Phenol-d6
Concen: 110.967 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

Instrument :
BNA_F
ClientSampleId :
20210554-COM-27

Tgt Ion: 99 Resp: 46348

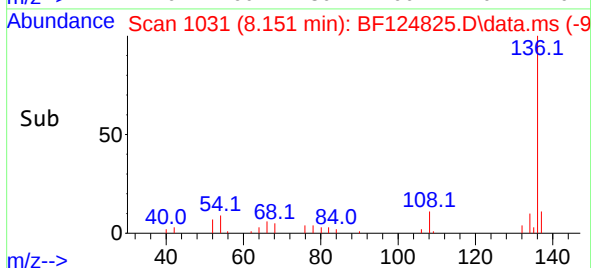
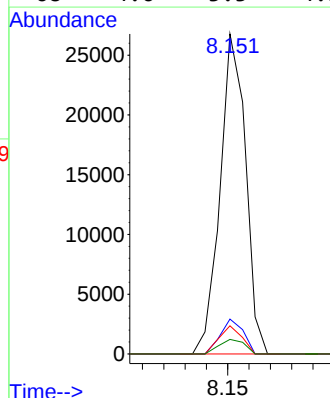
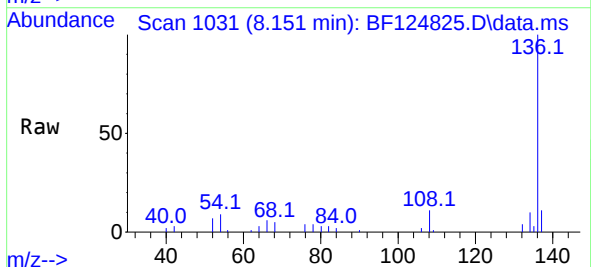
Ion	Ratio	Lower	Upper
99	100		
42	24.9	23.5	35.3
71	33.4	25.6	38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

Tgt Ion: 136 Resp: 22277

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	8.8	6.4	9.6
68	4.6	3.3	4.9





#23

Nitrobenzene-d5

Concen: 81.212 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF124825.D

Acq: 28 Jul 2021 13:39

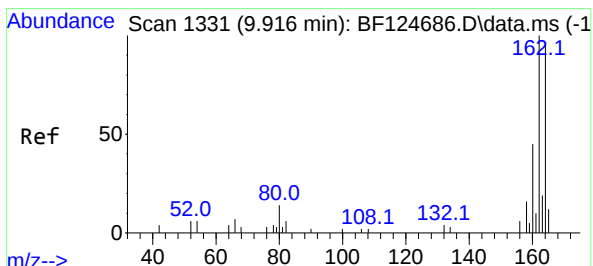
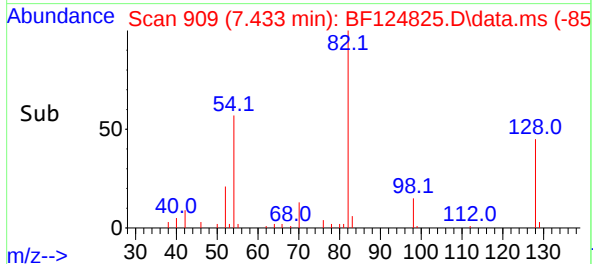
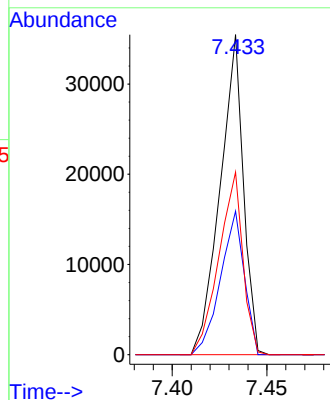
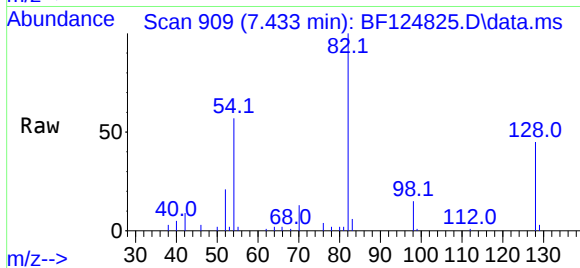
Tgt Ion: 82 Resp: 30397

Ion Ratio Lower Upper

82 100

128 44.8 40.6 60.8

54 57.0 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF124825.D

Acq: 28 Jul 2021 13:39

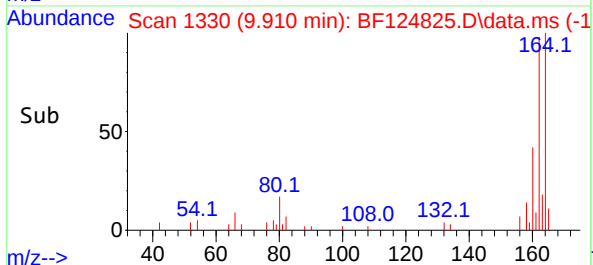
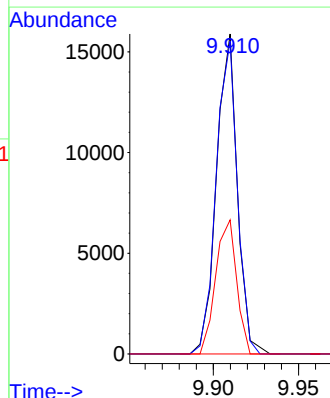
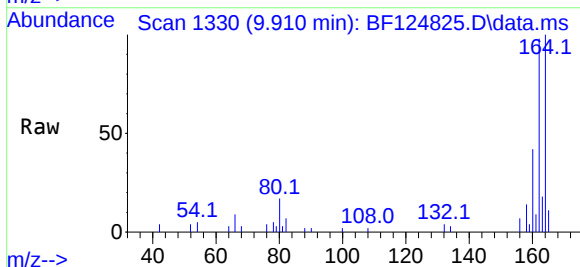
Tgt Ion:164 Resp: 13481

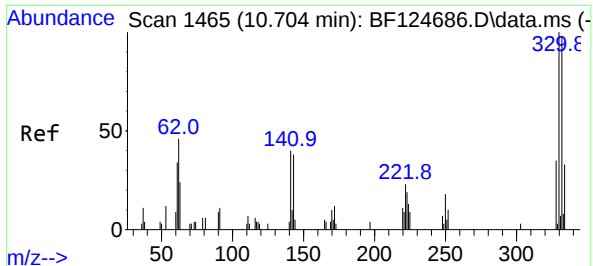
Ion Ratio Lower Upper

164 100

162 97.8 81.3 121.9

160 41.9 38.0 57.0

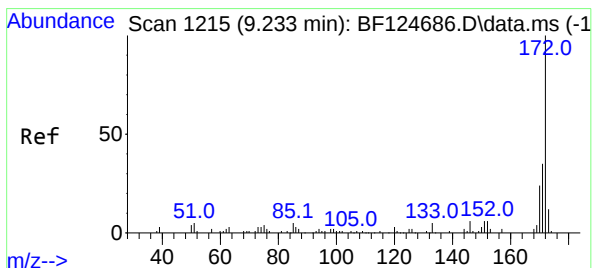
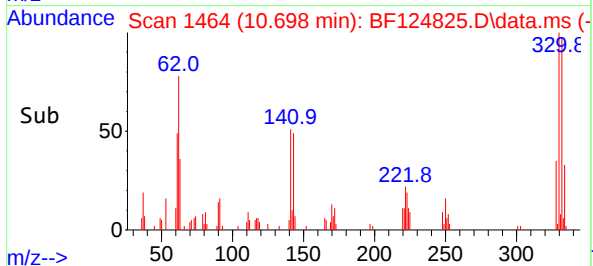
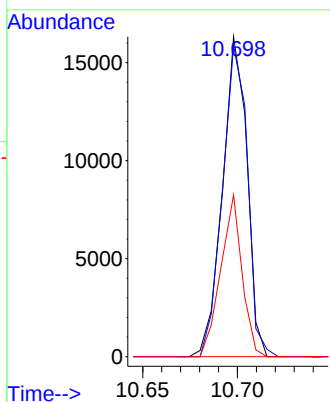
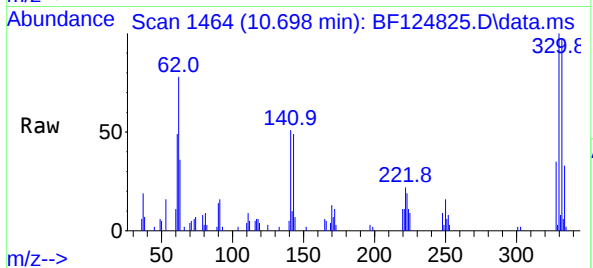




#42
2,4,6-Tribromophenol
Concen: 126.811 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

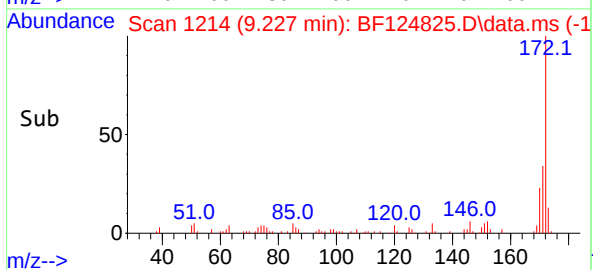
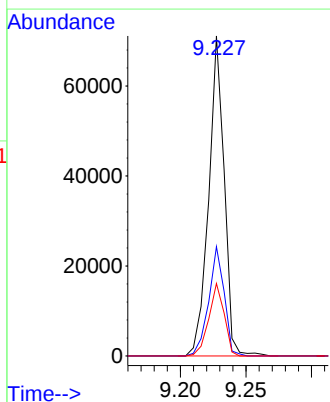
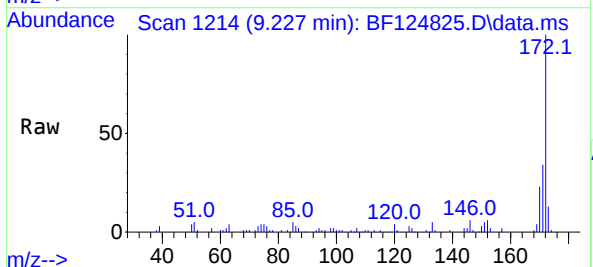
Instrument :
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ClientSampleId :
20210554-COM-27

Tgt Ion:330 Resp: 14678
Ion Ratio Lower Upper
330 100
332 99.2 76.2 114.4
141 44.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 63.923 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

Tgt Ion:172 Resp: 58672
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 22.7 18.8 28.2

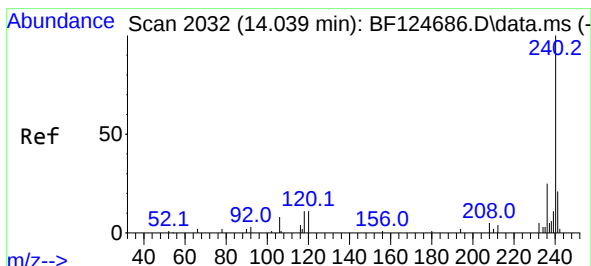
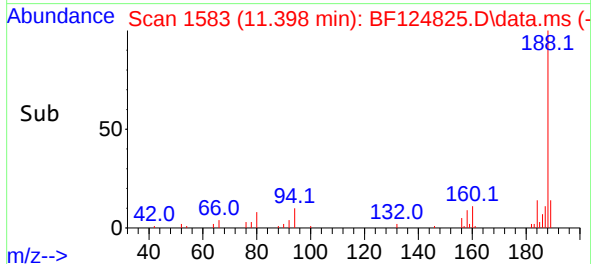
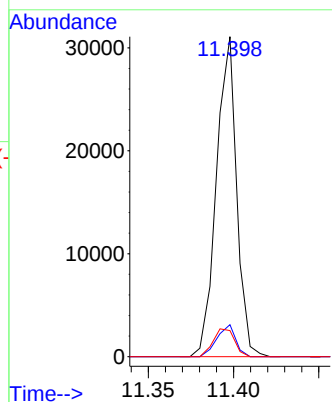
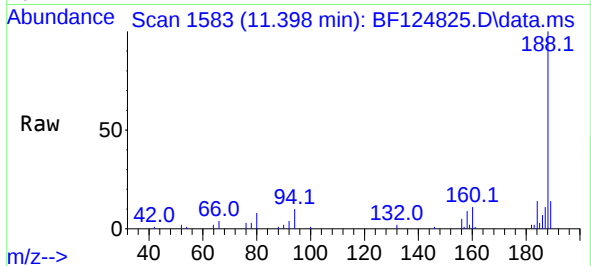




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

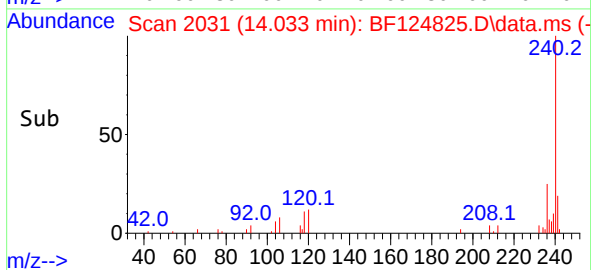
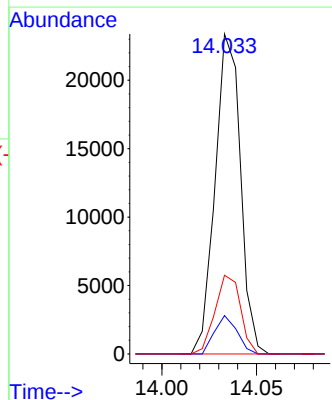
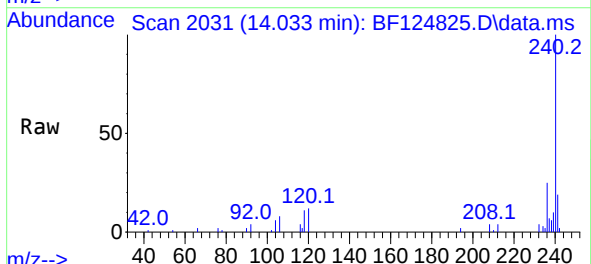
Instrument :
BNA_F
ClientSampleId :
20210554-COM-27

Tgt Ion:188 Resp: 25698
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 8.1 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

Tgt Ion:240 Resp: 21776
Ion Ratio Lower Upper
240 100
120 12.0 10.8 16.2
236 24.6 21.6 32.4

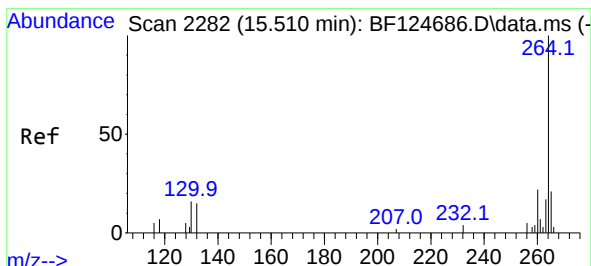
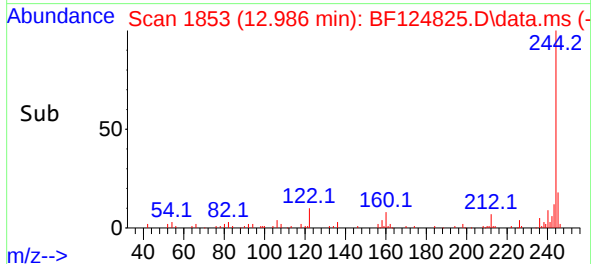
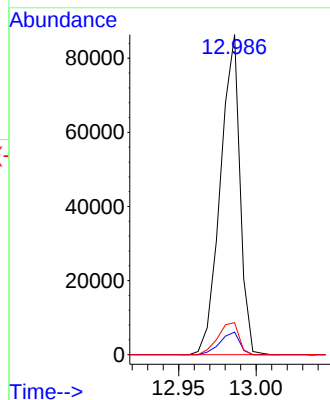
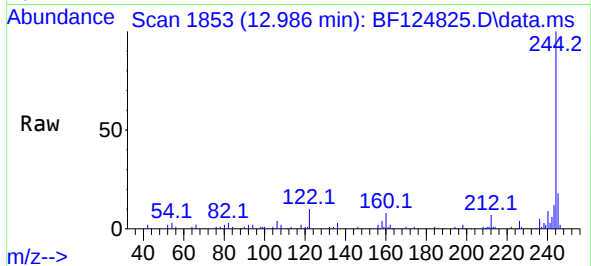




#79
Terphenyl-d14
Concen: 59.719 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

Instrument :
BNA_F
ClientSampleId :
20210554-COM-27

Tgt Ion:244 Resp: 75865
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.0 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

Tgt Ion:264 Resp: 16565
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 22.9 17.2 25.8

