

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
 Data File : BF124907.D
 Acq On : 2 Aug 2021 14:43
 Operator : JU/CG
 Sample : M3241-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210592-AMENDED-COM-6

Quant Time: Aug 02 15:46:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 11:15:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	5615	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	20877	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	12103	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	20670	20.000	ng	# 0.00
76) Chrysene-d12	14.009	240	12312	20.000	ng	#-0.01
86) Perylene-d12	15.474	264	11319	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	35903	108.263	ng	0.00
7) Phenol-d6	6.481	99	47589	114.466	ng	0.00
23) Nitrobenzene-d5	7.416	82	30728	87.602	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	8512	81.912	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	56797	68.925	ng	0.00
79) Terphenyl-d14	12.957	244	50444	70.231	ng	0.00

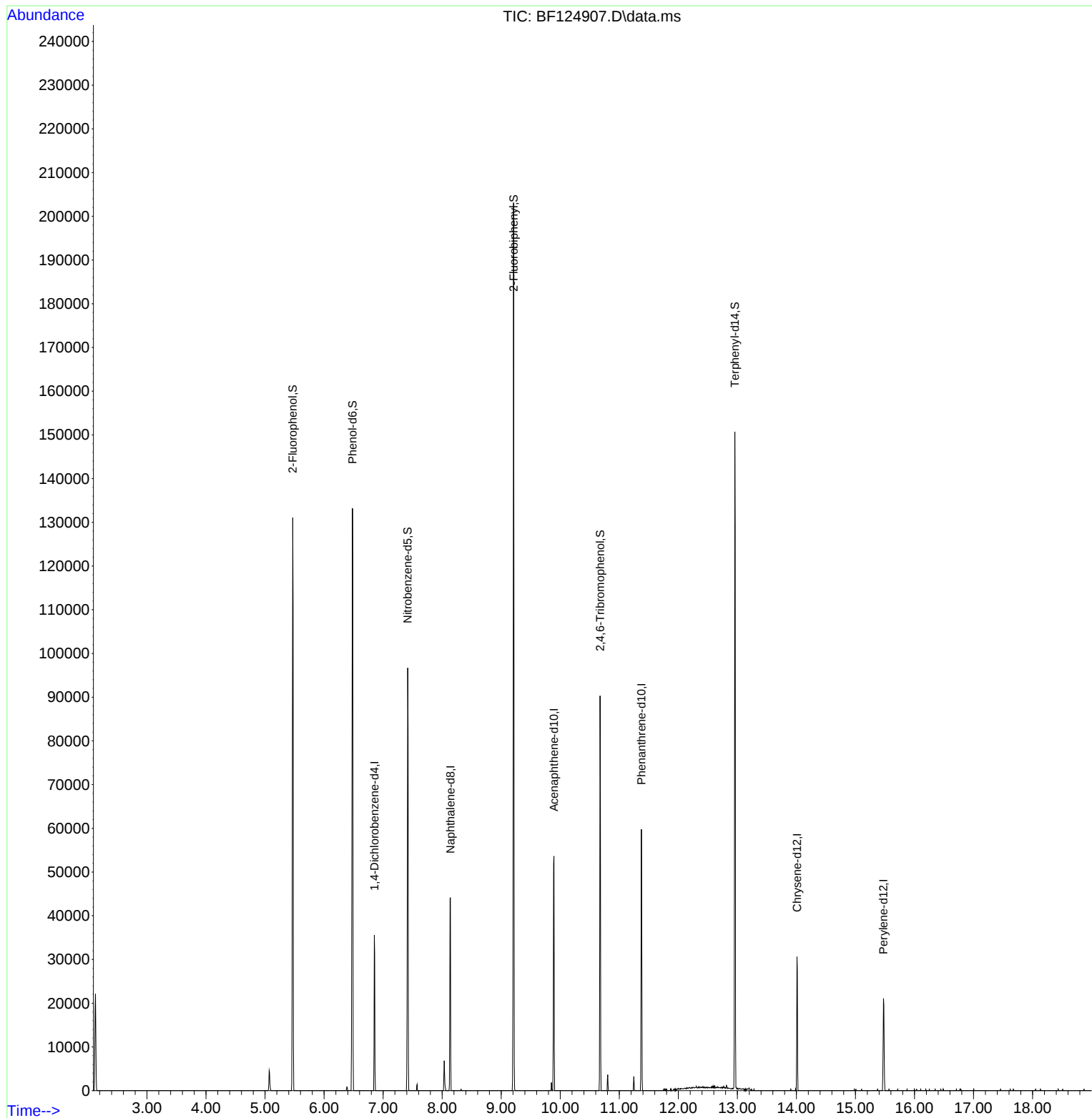
Target Compounds	Qvalue

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

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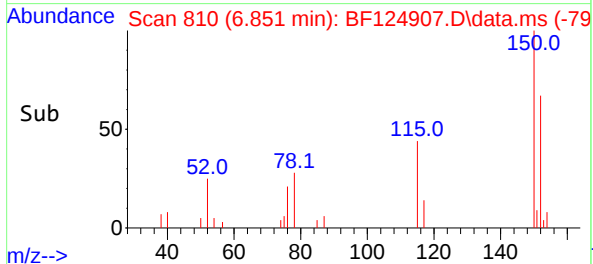
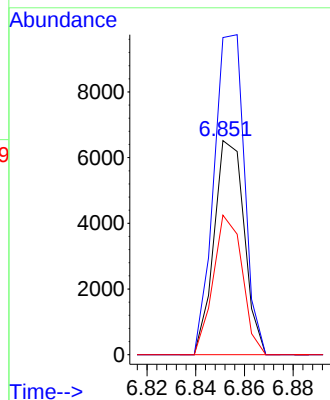
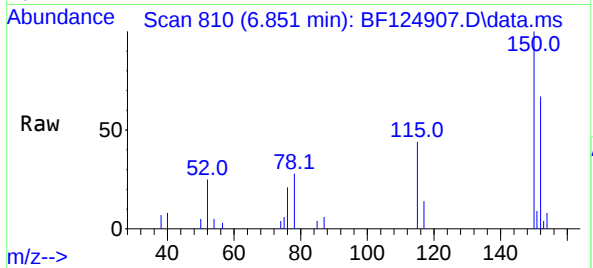




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

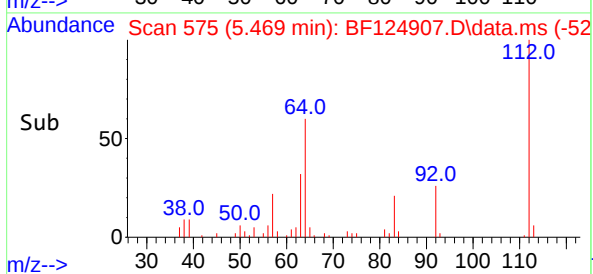
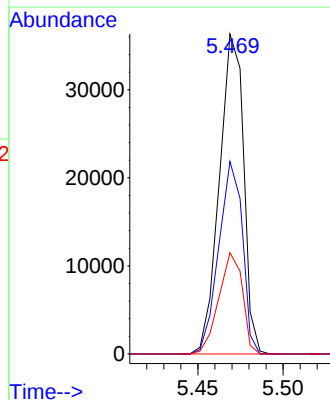
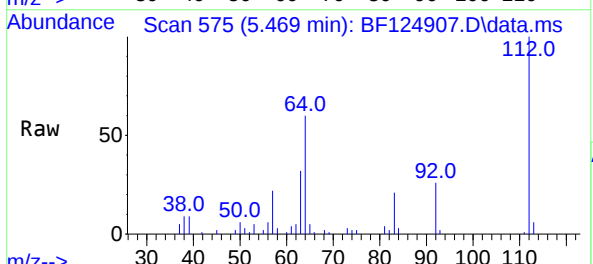
Instrument :
BNA_F
ClientSampleId :
20210592-AMENDED-COM-6

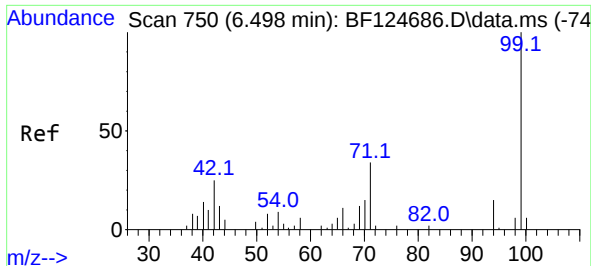
Tgt Ion:152 Resp: 5615
Ion Ratio Lower Upper
152 100
150 148.2 117.6 176.4
115 65.2 47.1 70.7



#5
2-Fluorophenol
Concen: 108.263 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

Tgt Ion:112 Resp: 35903
Ion Ratio Lower Upper
112 100
64 60.2 44.2 66.2
63 31.6 26.2 39.2

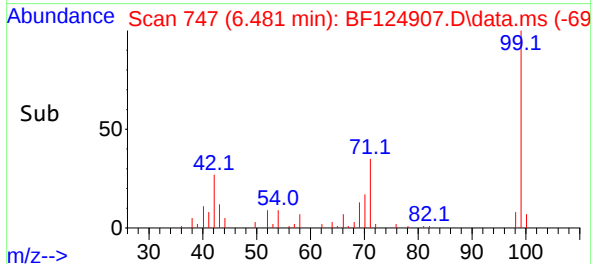
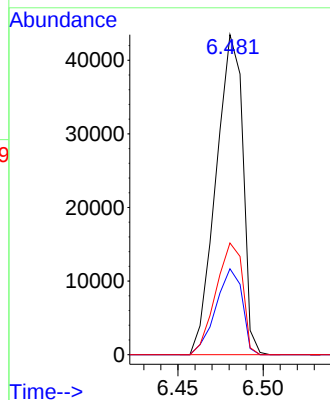
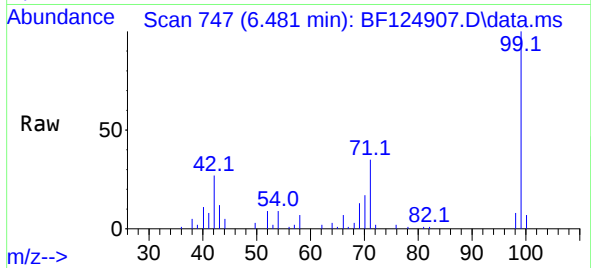




#7
Phenol-d6
Concen: 114.466 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

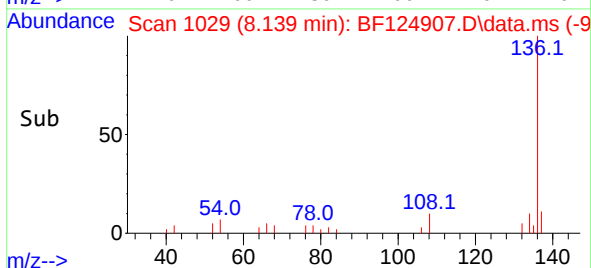
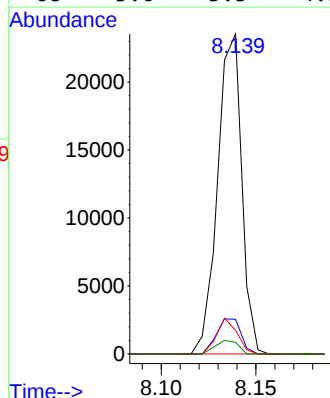
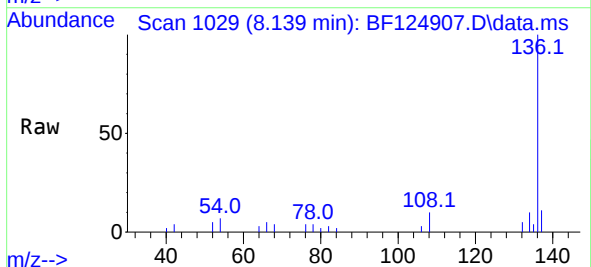
Instrument :
BNA_F
ClientSampleId :
20210592-AMENDED-COM-6

Tgt Ion: 99 Resp: 47589
Ion Ratio Lower Upper
99 100
42 26.9 23.5 35.3
71 34.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

Tgt Ion:136 Resp: 20877
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 7.4 6.4 9.6
68 3.6 3.3 4.9





#23

Nitrobenzene-d5

Concen: 87.602 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF124907.D

Acq: 2 Aug 2021 14:43

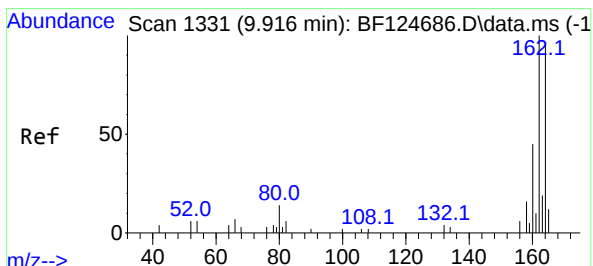
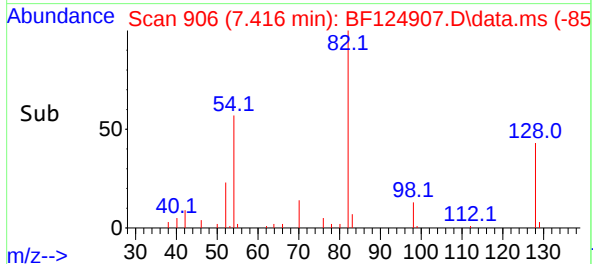
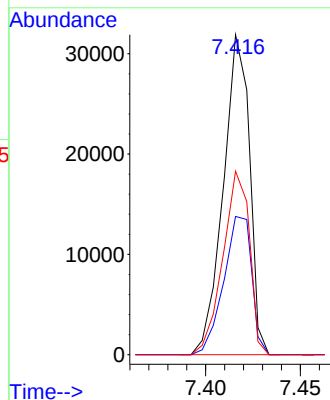
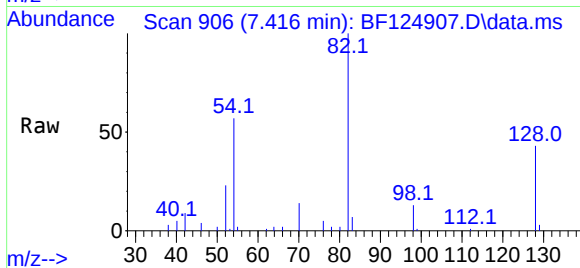
Tgt Ion: 82 Resp: 30728

Ion Ratio Lower Upper

82 100

128 43.2 40.6 60.8

54 57.3 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.000 min

Lab File: BF124907.D

Acq: 2 Aug 2021 14:43

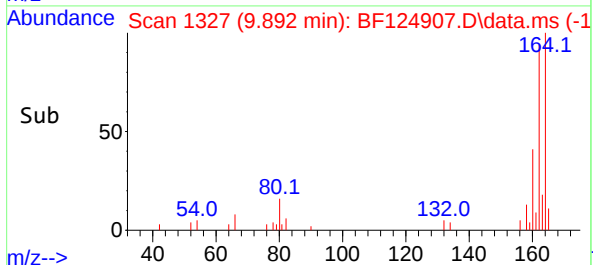
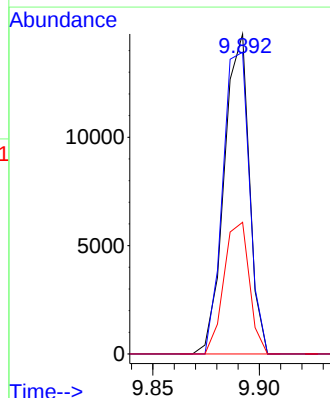
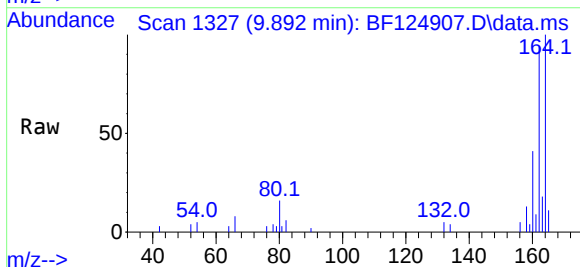
Tgt Ion:164 Resp: 12103

Ion Ratio Lower Upper

164 100

162 94.3 81.3 121.9

160 41.2 38.0 57.0

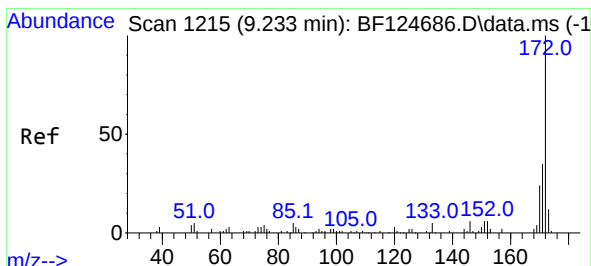
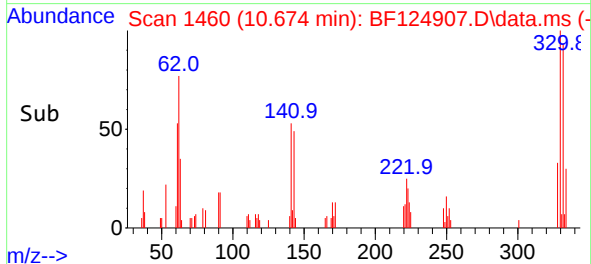
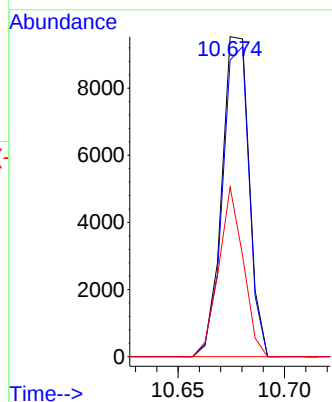
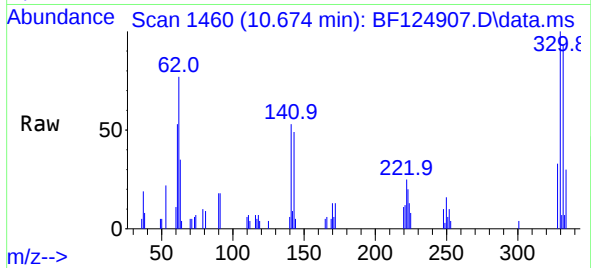




#42
2,4,6-Tribromophenol
Concen: 81.912 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

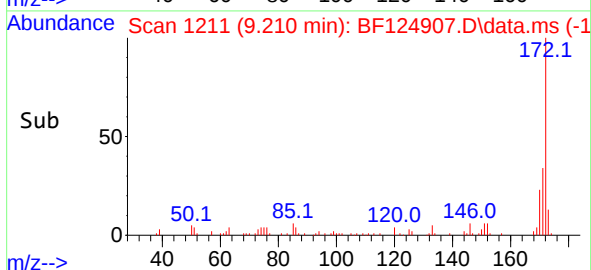
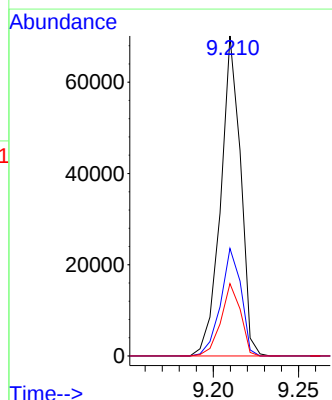
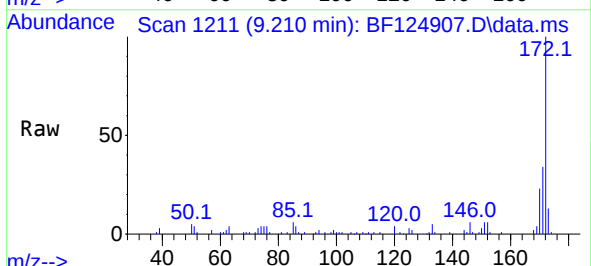
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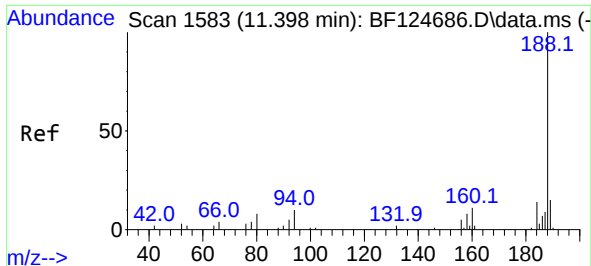
Tgt Ion:330 Resp: 8512
Ion Ratio Lower Upper
330 100
332 94.3 76.2 114.4
141 47.5 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 68.925 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

Tgt Ion:172 Resp: 56797
Ion Ratio Lower Upper
172 100
171 33.6 26.5 39.7
170 22.6 18.8 28.2

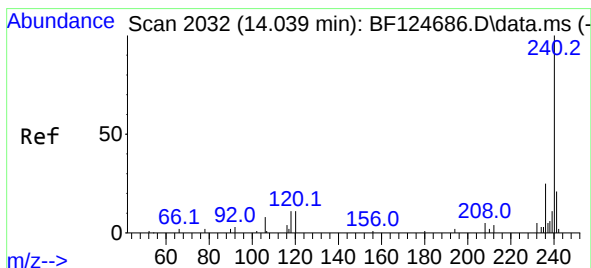
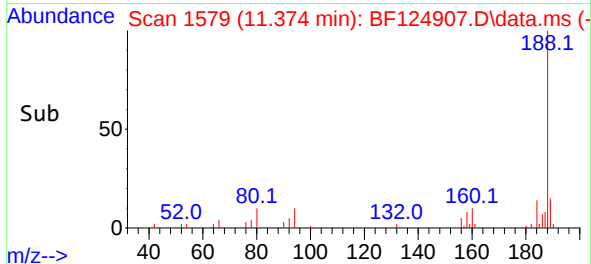
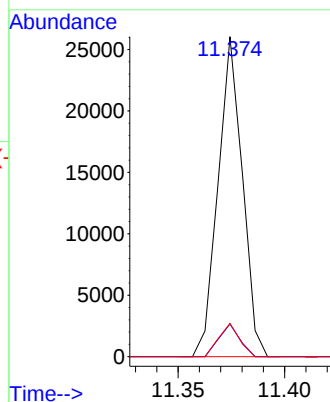
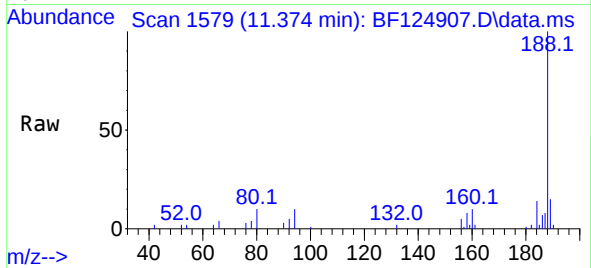




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

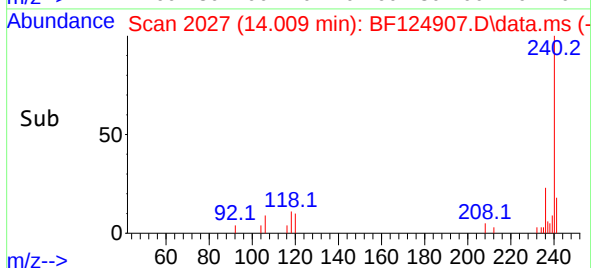
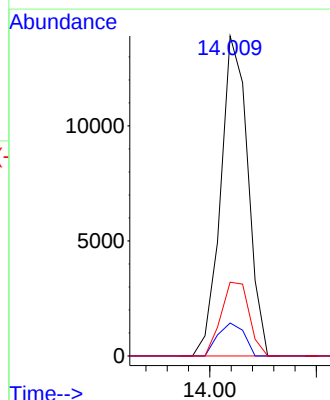
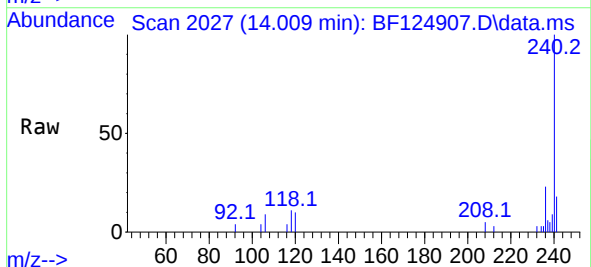
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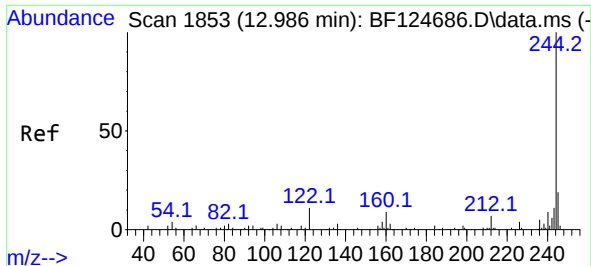
Tgt Ion:188 Resp: 20670
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 10.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

Tgt Ion:240 Resp: 12312
Ion Ratio Lower Upper
240 100
120 10.3 10.8 16.2#
236 23.1 21.6 32.4

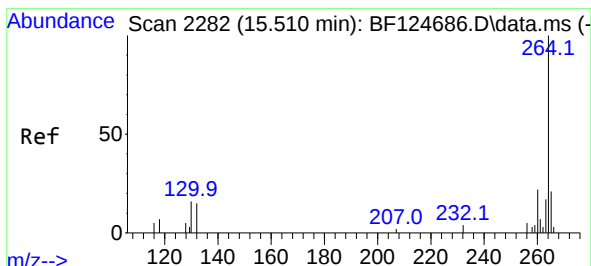
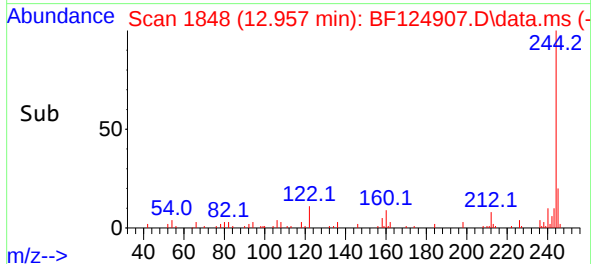
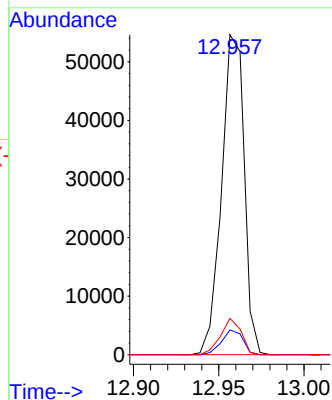
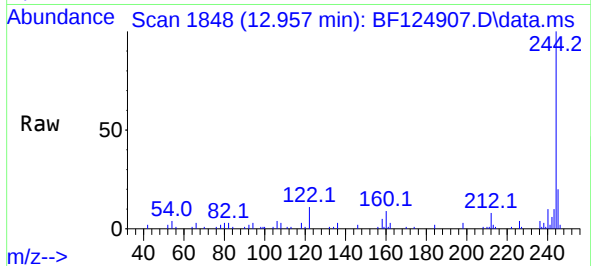




#79
Terphenyl-d14
Concen: 70.231 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

Instrument :
BNA_F
ClientSampleId :
20210592-AMENDED-COM-6

Tgt Ion:244 Resp: 50444
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 11.3 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

Tgt Ion:264 Resp: 11319
Ion Ratio Lower Upper
264 100
260 26.4 19.6 29.4
265 17.6 17.2 25.8

