

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073121\
 Data File : BF124892.D
 Acq On : 31 Jul 2021 14:52
 Operator : JU/CG
 Sample : M3223-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-11

Quant Time: Aug 02 02:34:21 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 02:31:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	5057	20.000	ng	# 0.00
21) Naphthalene-d8	8.140	136	20775	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	11219	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	19616	20.000	ng	0.00
76) Chrysene-d12	14.010	240	10628	20.000	ng	-0.01
86) Perylene-d12	15.480	264	10898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	46137	154.474	ng	0.00
7) Phenol-d6	6.487	99	53725	143.484	ng	0.00
23) Nitrobenzene-d5	7.422	82	36194	103.691	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	13116	136.163	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	70426	92.199	ng	0.00
79) Terphenyl-d14	12.963	244	65380	105.449	ng	0.00

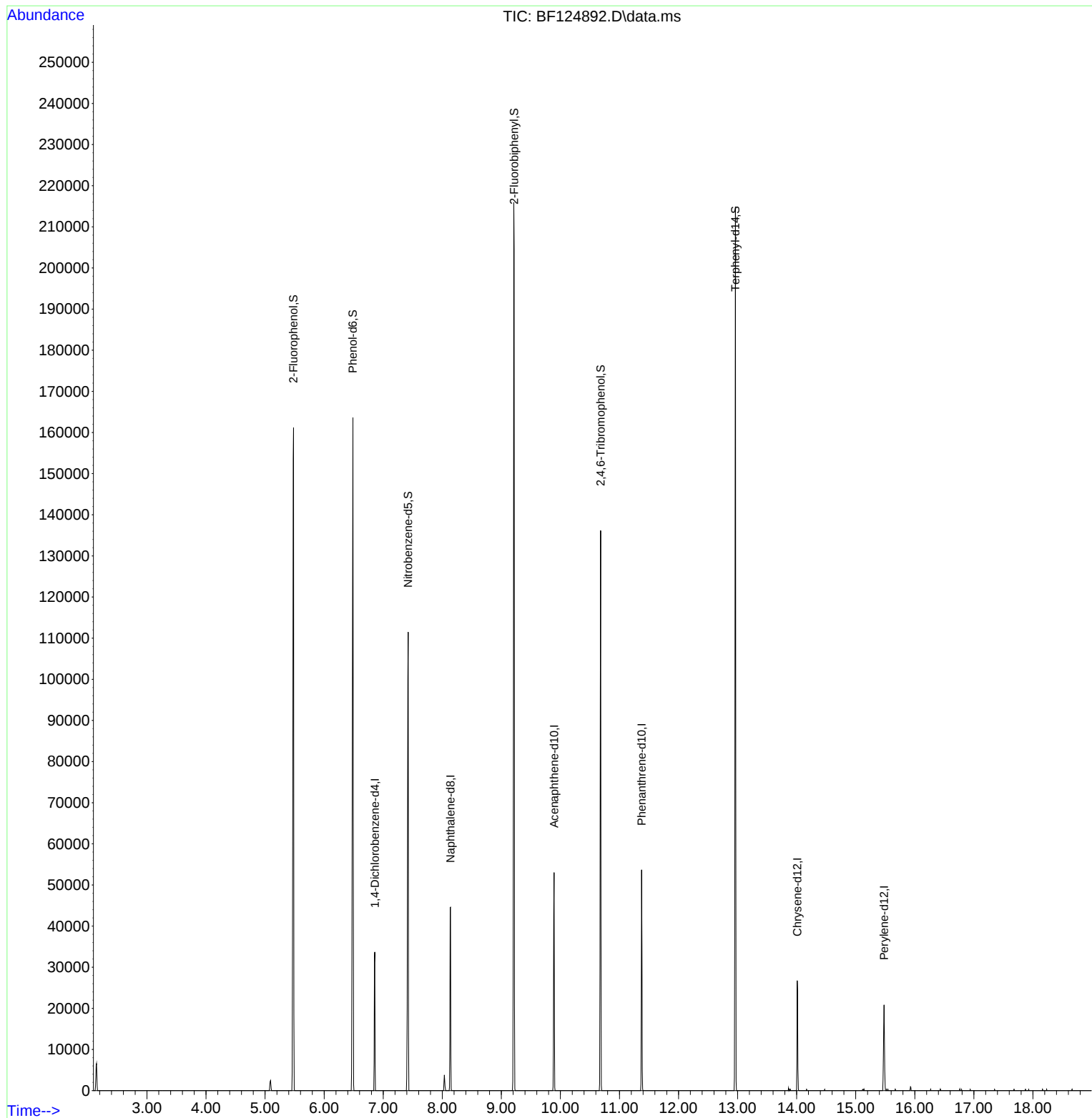
Target Compounds	Qvalue

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

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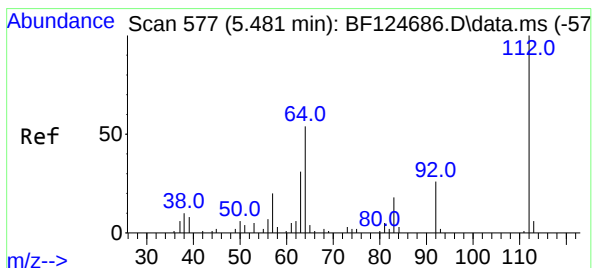
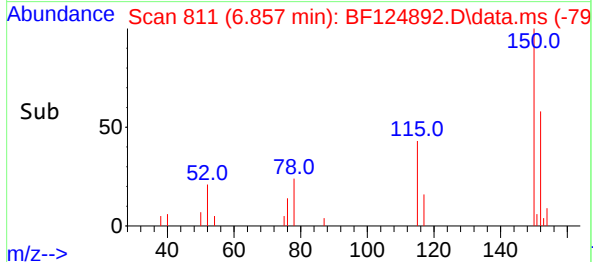
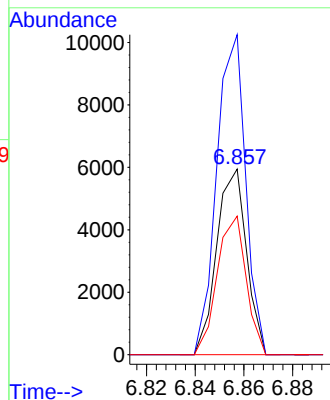
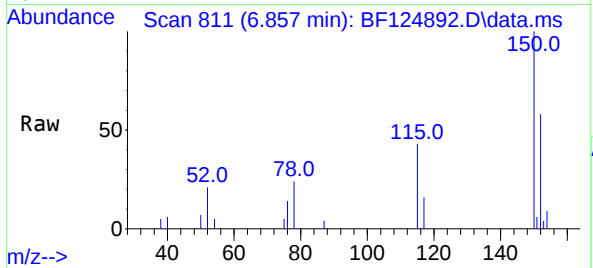




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

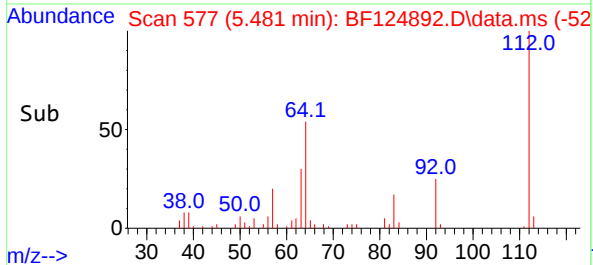
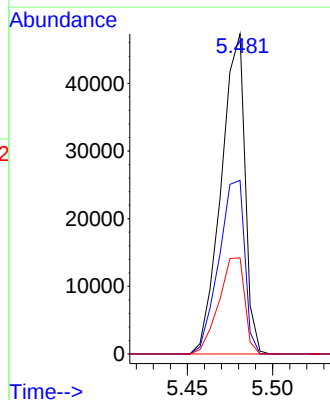
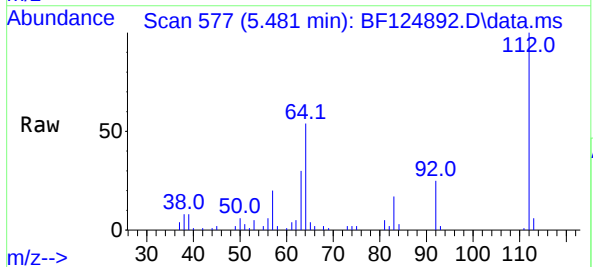
Instrument :
BNA_F
ClientSampleId :
BACKFILL-ASHCROFT-REAR-11

Tgt Ion:152 Resp: 5057
Ion Ratio Lower Upper
152 100
150 172.3 117.6 176.4
115 74.6 47.1 70.7#



#5
2-Fluorophenol
Concen: 154.474 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

Tgt Ion:112 Resp: 46137
Ion Ratio Lower Upper
112 100
64 54.3 44.2 66.2
63 30.1 26.2 39.2



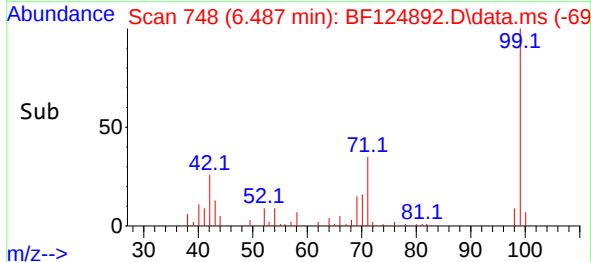
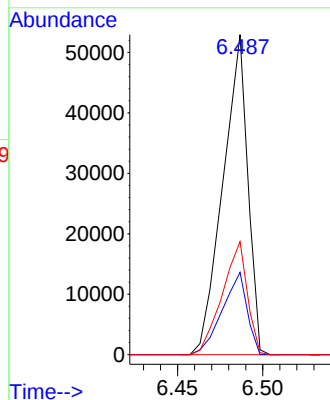
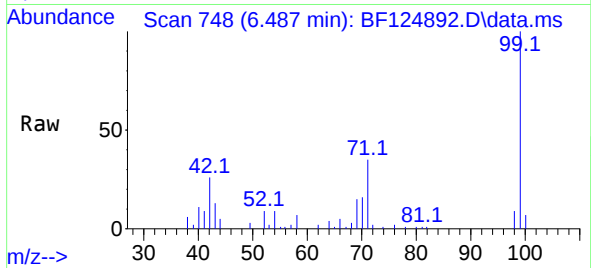


#7
Phenol-d6
Concen: 143.484 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

Instrument :
BNA_F
ClientSampleId :
BACKFILL-ASHCROFT-REAR-11

Tgt Ion: 99 Resp: 53725

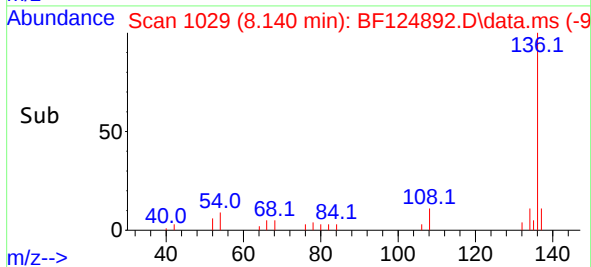
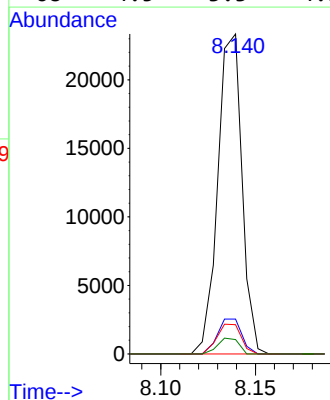
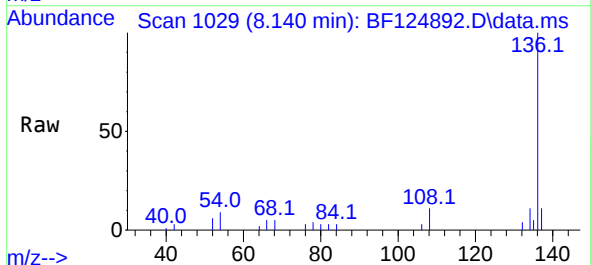
Ion	Ratio	Lower	Upper
99	100		
42	25.8	23.5	35.3
71	35.4	25.6	38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

Tgt Ion: 136 Resp: 20775

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	9.2	6.4	9.6
68	4.5	3.3	4.9





#23

Nitrobenzene-d5

Concen: 103.691 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF124892.D

Acq: 31 Jul 2021 14:52

Tgt Ion: 82 Resp: 36194

Ion Ratio Lower Upper

82 100

128 45.4 40.6 60.8

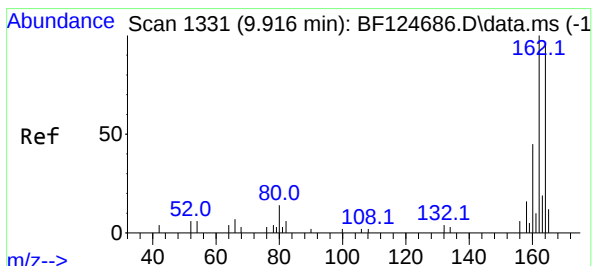
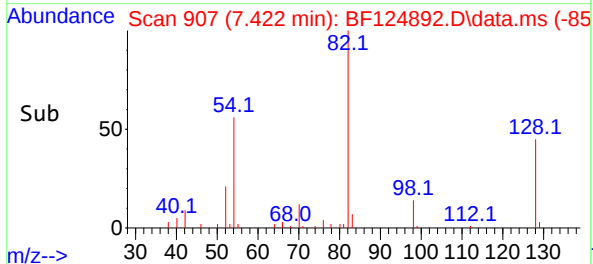
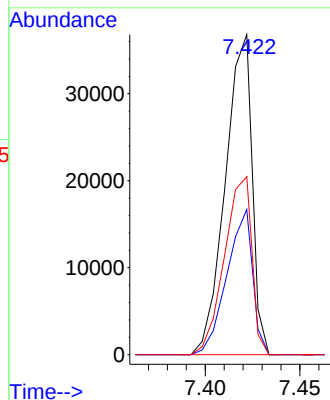
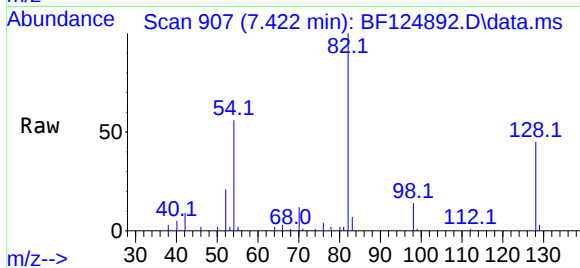
54 55.7 49.6 74.4

Instrument :

BNA_F

ClientSampleId :

BACKFILL-ASHCROFT-REAR-11



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF124892.D

Acq: 31 Jul 2021 14:52

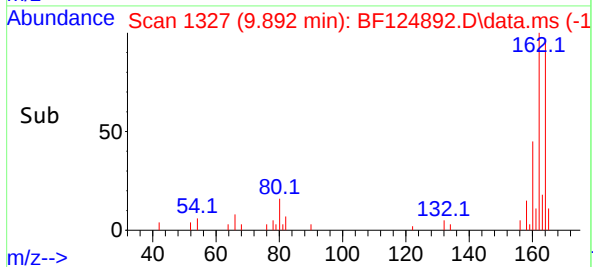
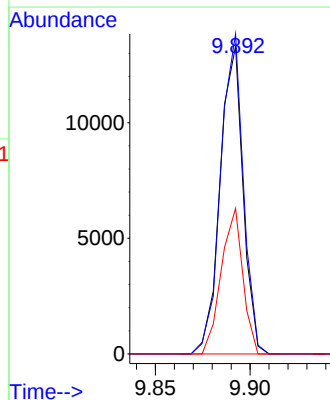
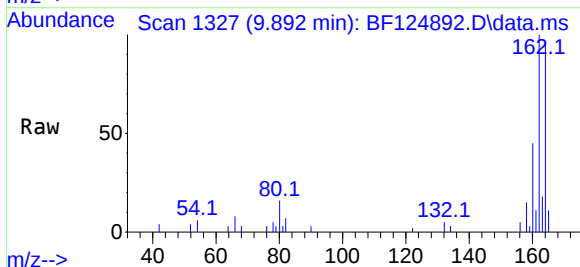
Tgt Ion:164 Resp: 11219

Ion Ratio Lower Upper

164 100

162 104.0 81.3 121.9

160 47.3 38.0 57.0

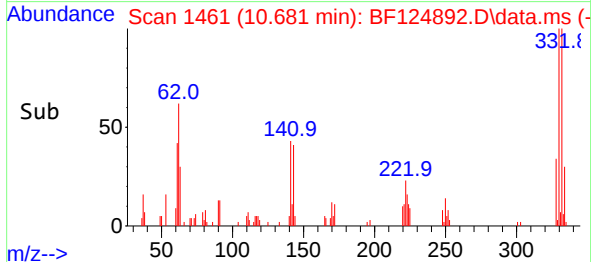
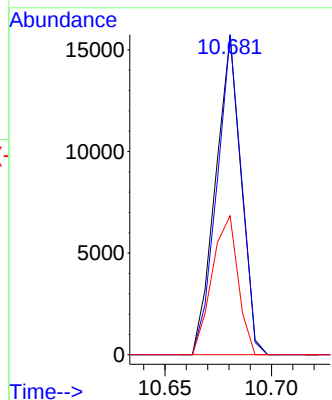
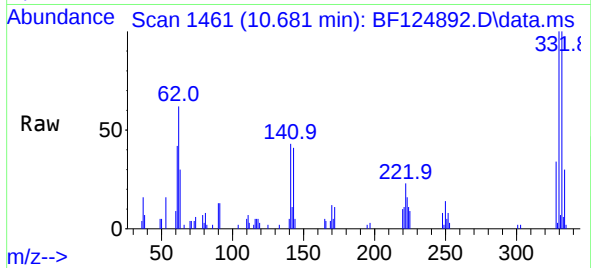




#42
2,4,6-Tribromophenol
Concen: 136.163 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

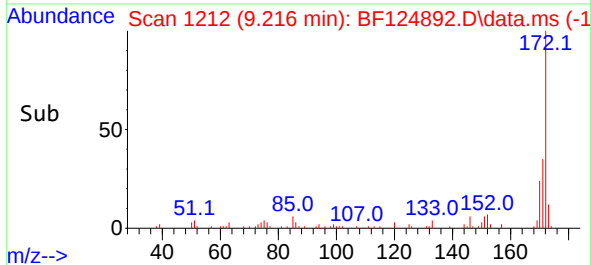
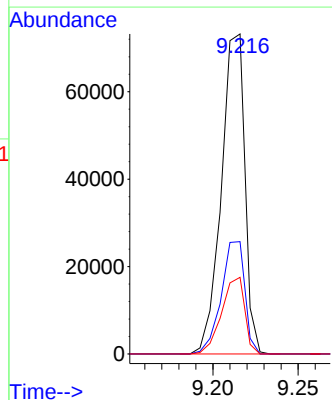
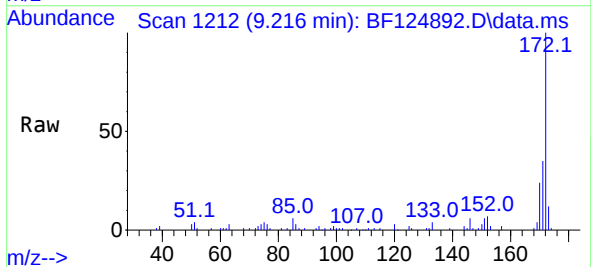
Instrument :
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Tgt Ion: 330 Resp: 13116
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 44.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 92.199 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

Tgt Ion: 172 Resp: 70426
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 24.0 18.8 28.2

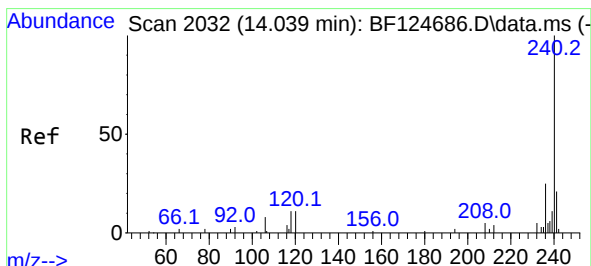
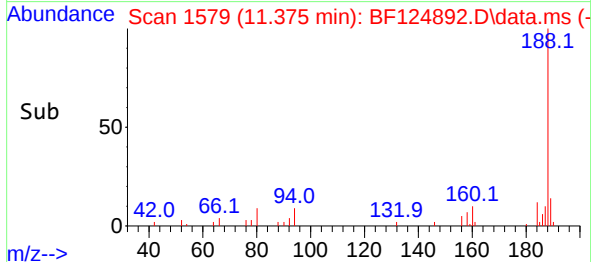
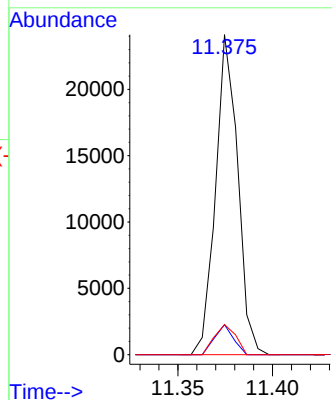
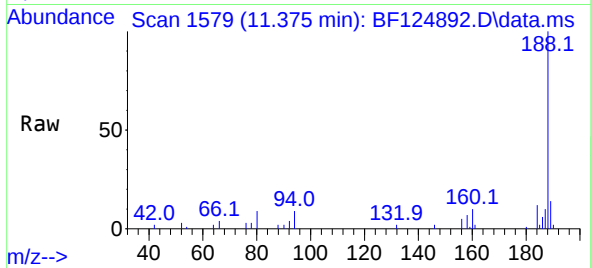




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

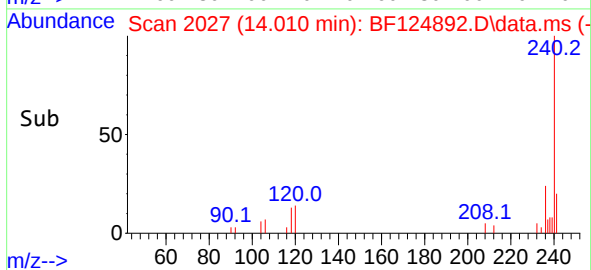
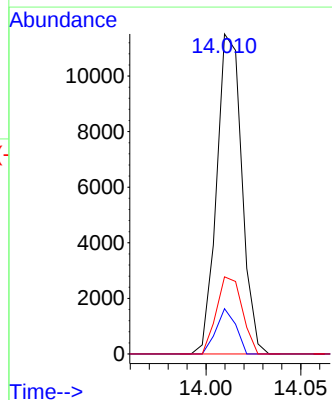
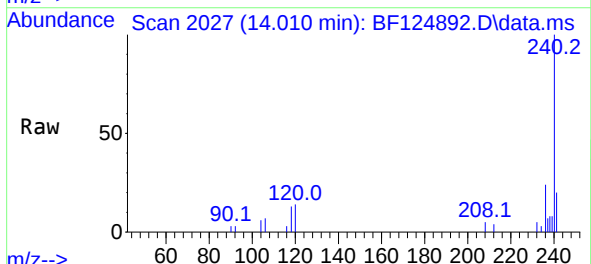
Instrument :
BNA_F
ClientSampleId :
BACKFILL-ASHCROFT-REAR-11

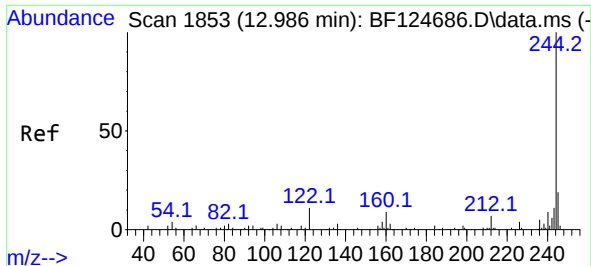
Tgt Ion:188	Resp:	19616
Ion Ratio	Lower	Upper
188	100	
94	9.4	6.7 10.1
80	9.4	7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

Tgt Ion:240	Resp:	10628
Ion Ratio	Lower	Upper
240	100	
120	14.2	10.8 16.2
236	24.1	21.6 32.4

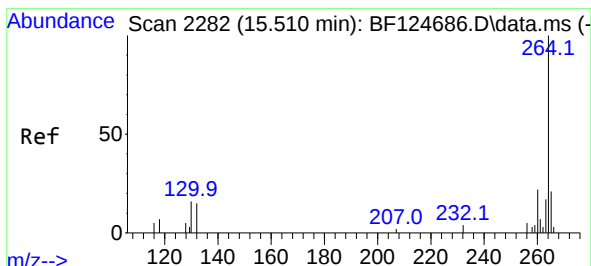
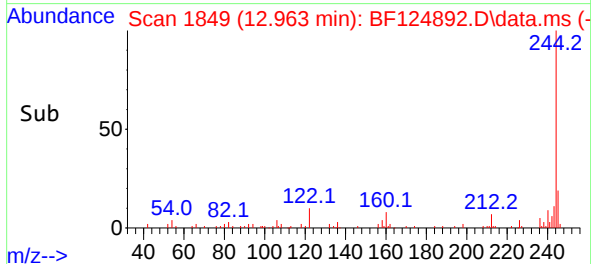
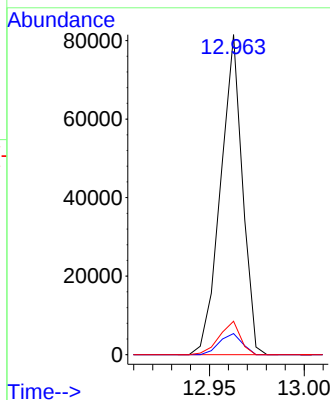
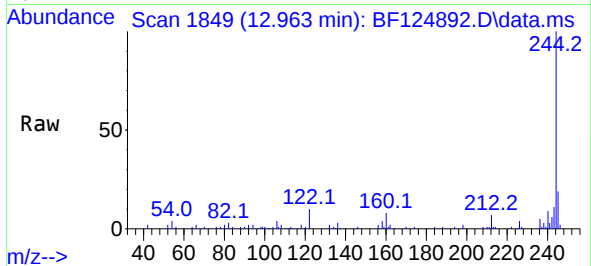




#79
Terphenyl-d14
Concen: 105.449 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

Instrument :
BNA_F
ClientSampleId :
BACKFILL-ASHCROFT-REAR-11

Tgt Ion:244 Resp: 65380
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 10.5 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.006 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

Tgt Ion:264 Resp: 10898
Ion Ratio Lower Upper
264 100
260 22.9 19.6 29.4
265 21.7 17.2 25.8

