

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124830.D
 Acq On : 28 Jul 2021 16:34
 Operator : JU/CG
 Sample : M3159-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210539-COM-12

Quant Time: Jul 28 17:16:10 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	5344	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	20723	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	12321	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	23741	20.000	ng	0.00
76) Chrysene-d12	14.033	240	17297	20.000	ng	0.00
86) Perylene-d12	15.509	264	14636	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	31627	100.205	ng	0.00
7) Phenol-d6	6.498	99	38377	96.990	ng	0.00
23) Nitrobenzene-d5	7.433	82	25401	72.953	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	11476	108.481	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	49200	58.650	ng	0.00
79) Terphenyl-d14	12.980	244	53448	52.967	ng	0.00

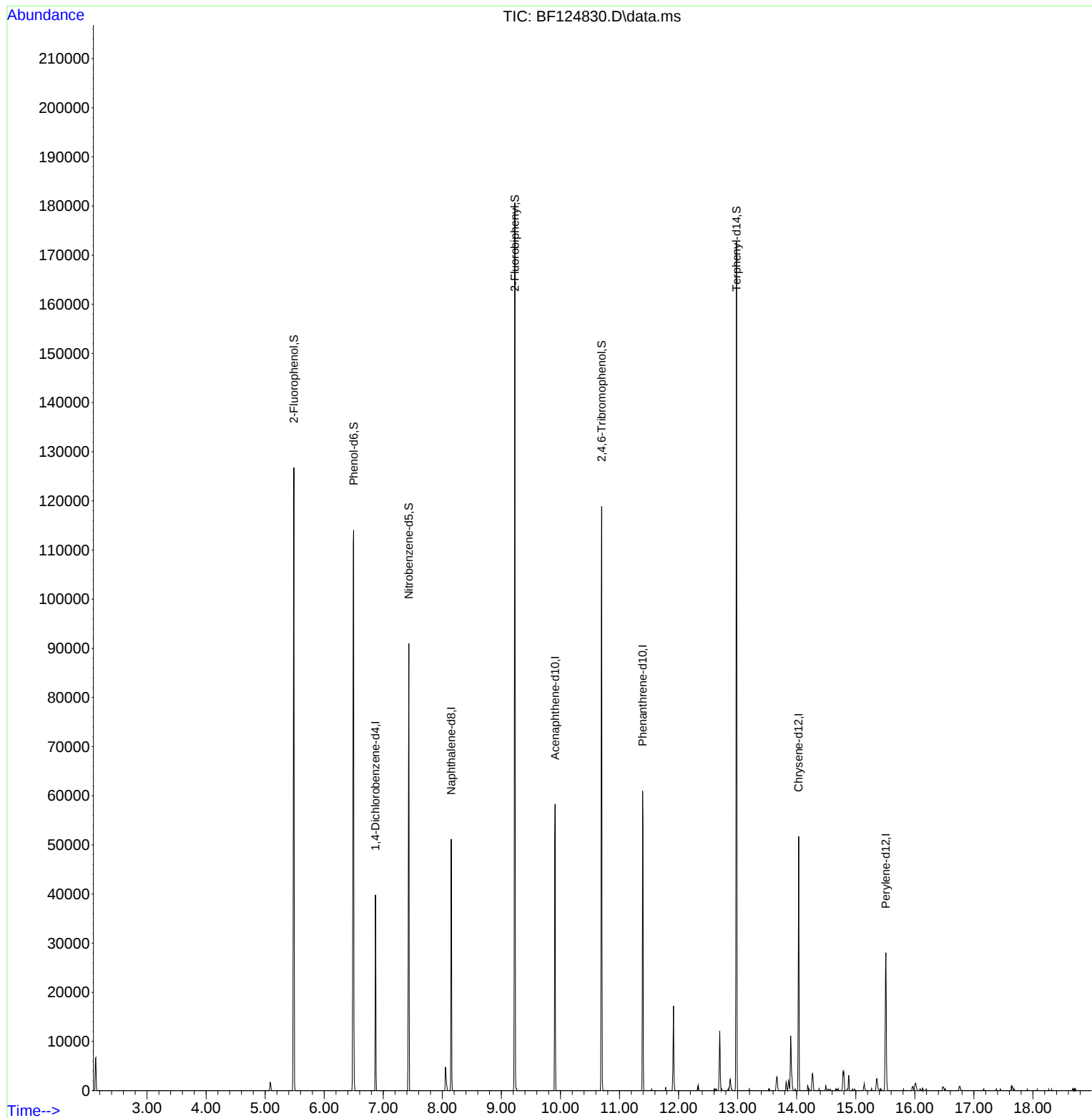
Target Compounds	Qvalue

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

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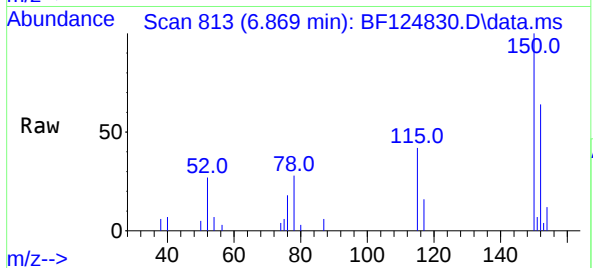
Quant Time: Jul 28 17:16:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
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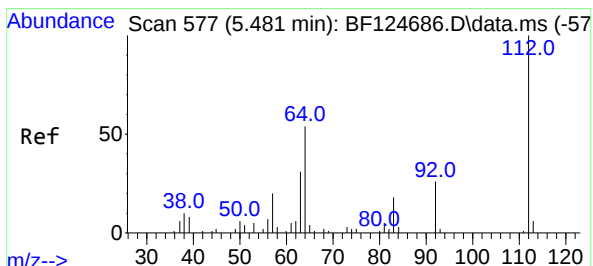
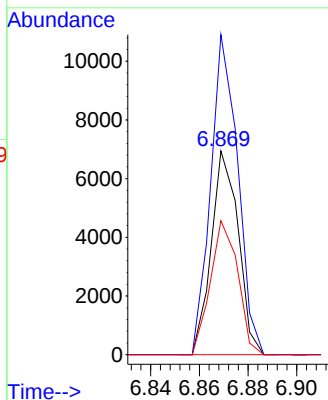
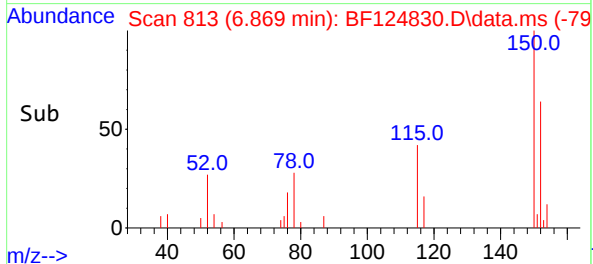


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124830.D
Acq: 28 Jul 2021 16:34

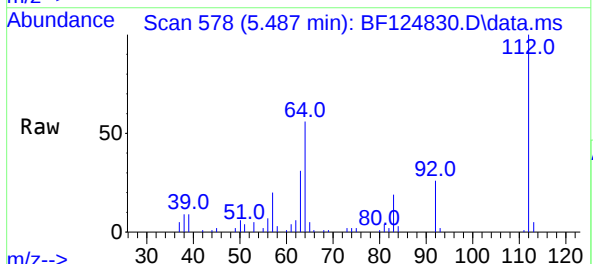
Instrument :
BNA_F
ClientSampleId :
20210539-COM-12



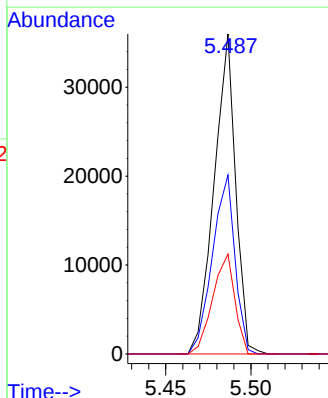
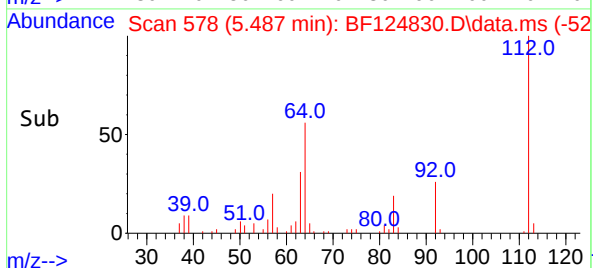
Tgt Ion:152 Resp: 5344
Ion Ratio Lower Upper
152 100
150 157.1 117.6 176.4
115 65.8 47.1 70.7

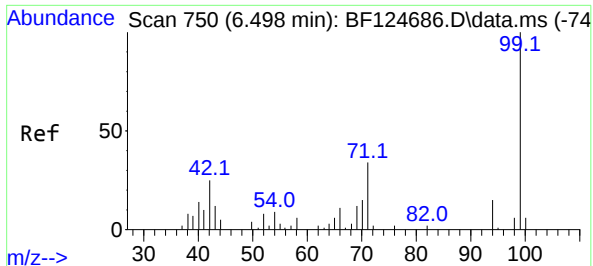


#5
2-Fluorophenol
Concen: 100.205 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124830.D
Acq: 28 Jul 2021 16:34



Tgt Ion:112 Resp: 31627
Ion Ratio Lower Upper
112 100
64 55.9 44.2 66.2
63 31.2 26.2 39.2

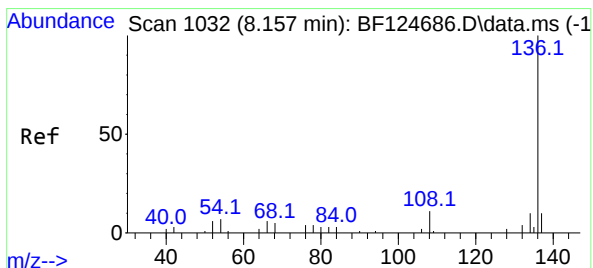
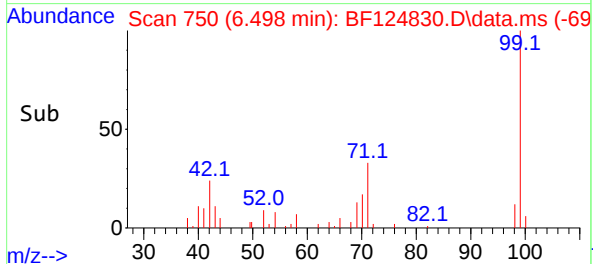
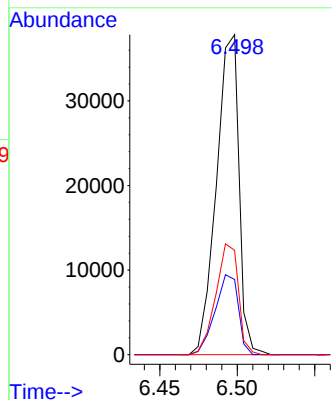
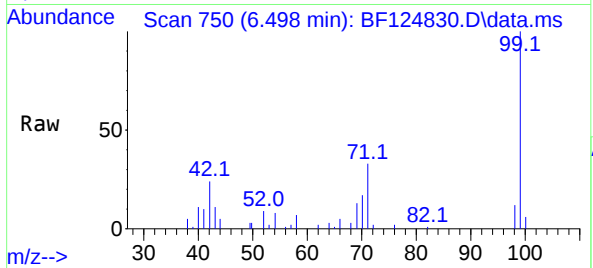




#7
Phenol-d6
Concen: 96.990 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124830.D
Acq: 28 Jul 2021 16:34

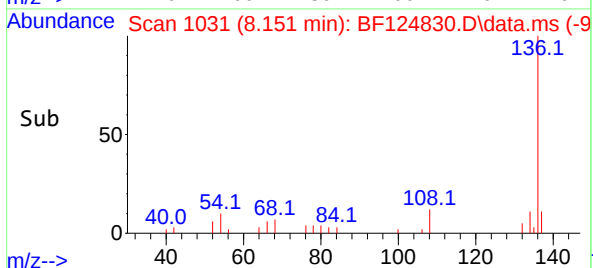
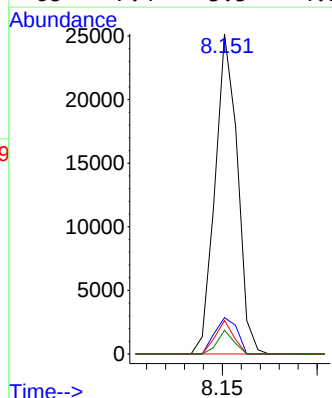
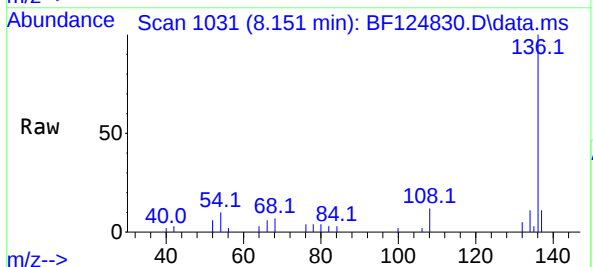
Instrument :
BNA_F
ClientSampleId :
20210539-COM-12

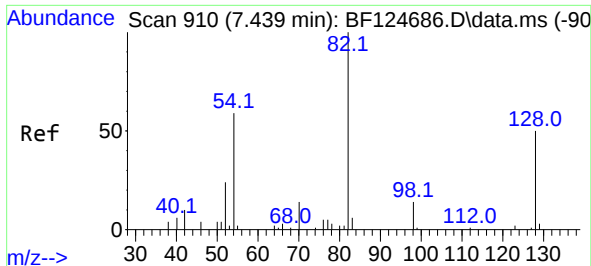
Tgt Ion: 99 Resp: 38377
Ion Ratio Lower Upper
99 100
42 23.5 23.5 35.3#
71 32.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124830.D
Acq: 28 Jul 2021 16:34

Tgt Ion:136 Resp: 20723
Ion Ratio Lower Upper
136 100
137 11.4 9.8 14.6
54 10.4 6.4 9.6#
68 7.4 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 72.953 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF124830.D

Acq: 28 Jul 2021 16:34

Tgt Ion: 82 Resp: 25401

Ion Ratio Lower Upper

82 100

128 45.7 40.6 60.8

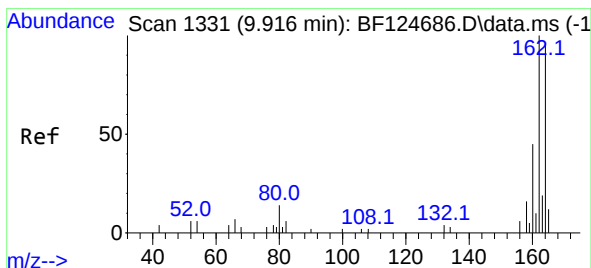
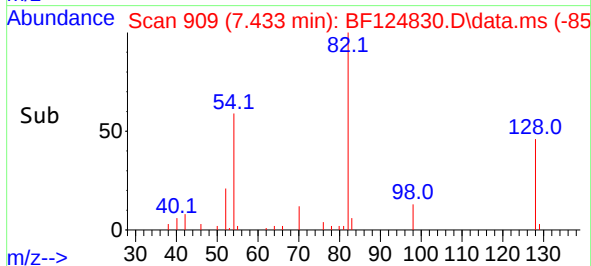
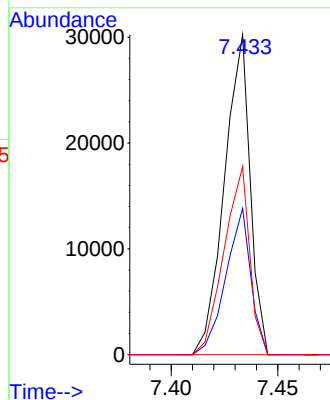
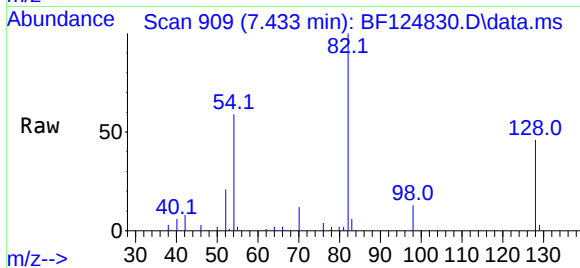
54 58.7 49.6 74.4

Instrument :

BNA_F

ClientSampleId :

20210539-COM-12



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF124830.D

Acq: 28 Jul 2021 16:34

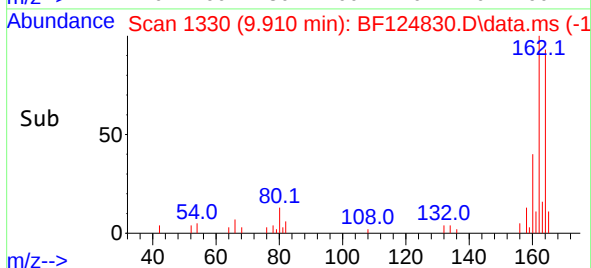
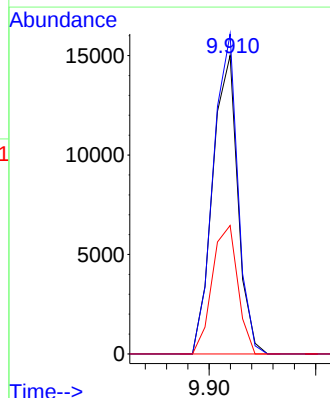
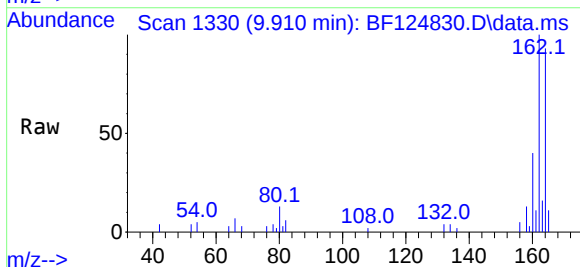
Tgt Ion:164 Resp: 12321

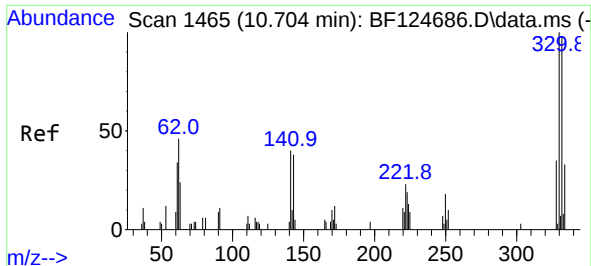
Ion Ratio Lower Upper

164 100

162 107.2 81.3 121.9

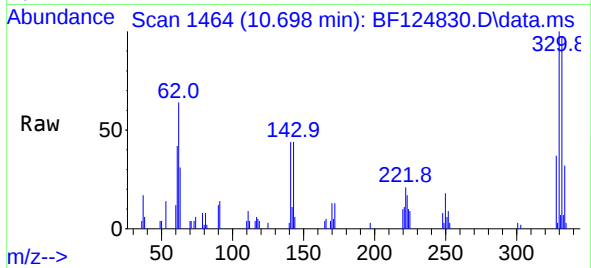
160 43.0 38.0 57.0



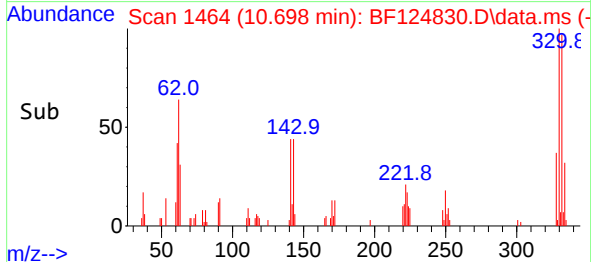
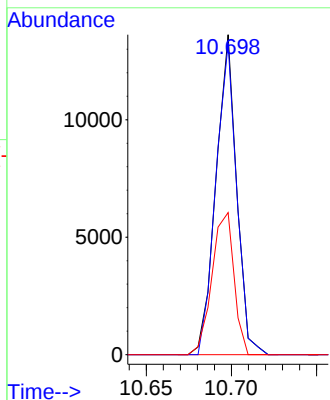


#42
2,4,6-Tribromophenol
Concen: 108.481 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124830.D
Acq: 28 Jul 2021 16:34

Instrument :
BNA_F
ClientSampleId :
20210539-COM-12

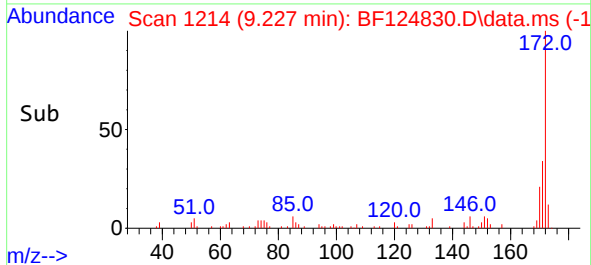
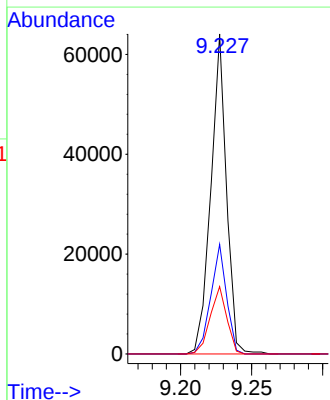
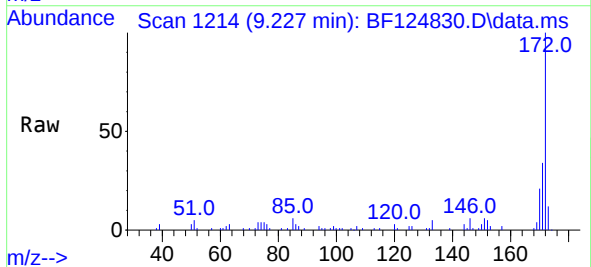


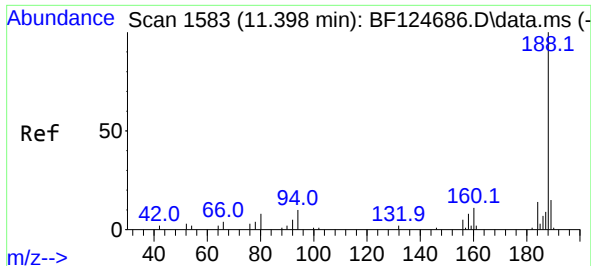
Tgt Ion:330 Resp: 11476
Ion Ratio Lower Upper
330 100
332 98.0 76.2 114.4
141 47.3 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 58.650 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124830.D
Acq: 28 Jul 2021 16:34

Tgt Ion:172 Resp: 49200
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 21.1 18.8 28.2

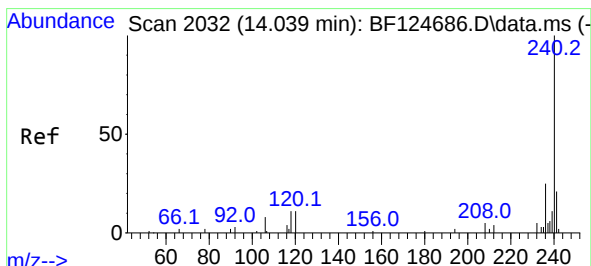
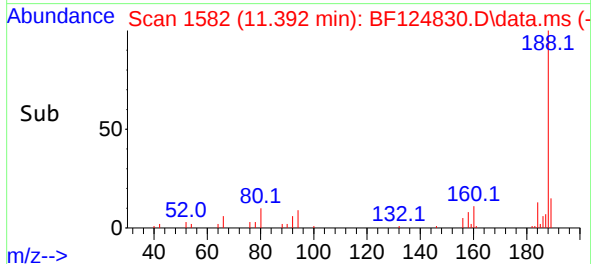
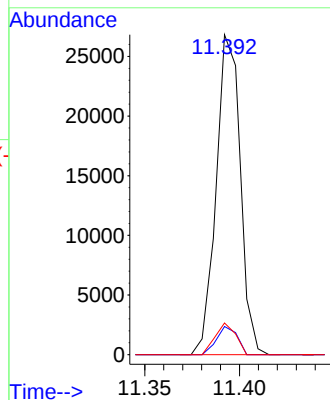
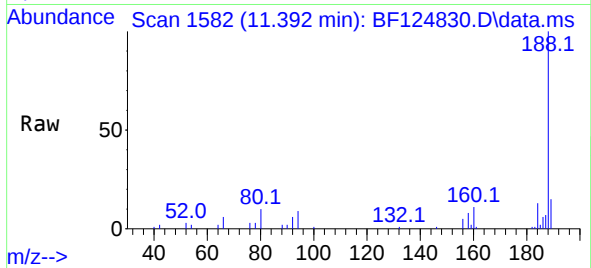




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124830.D
Acq: 28 Jul 2021 16:34

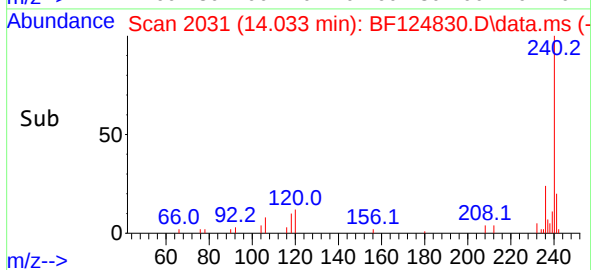
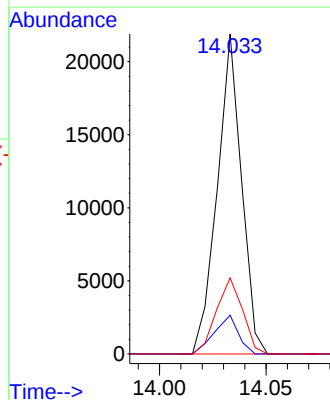
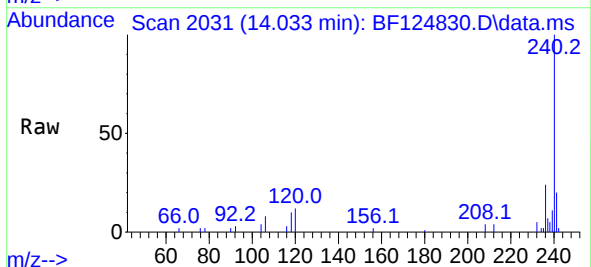
Instrument :
BNA_F
ClientSampleId :
20210539-COM-12

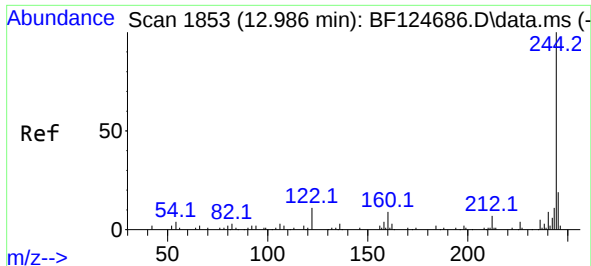
Tgt Ion:188 Resp: 23741
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.9 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124830.D
Acq: 28 Jul 2021 16:34

Tgt Ion:240 Resp: 17297
Ion Ratio Lower Upper
240 100
120 12.1 10.8 16.2
236 23.8 21.6 32.4

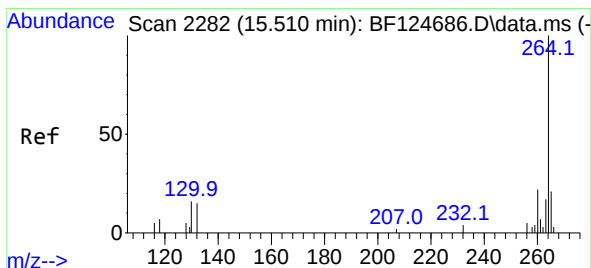
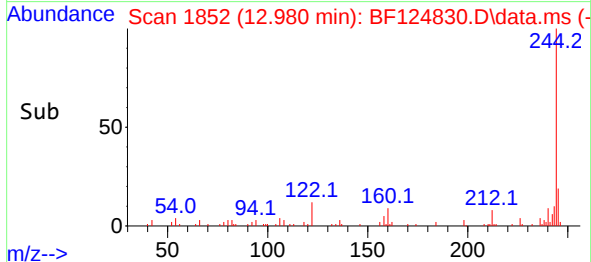
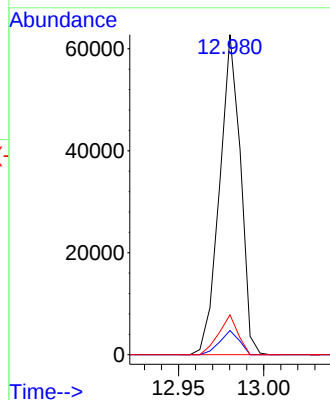
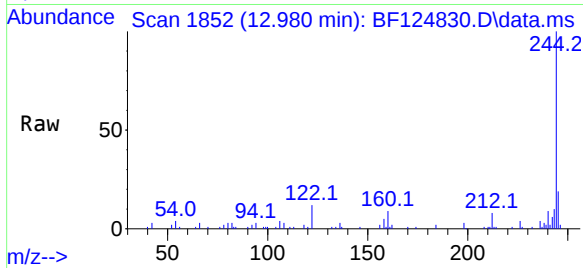




#79
Terphenyl-d14
Concen: 52.967 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124830.D
Acq: 28 Jul 2021 16:34

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244	Resp:	53448
Ion Ratio	Lower	Upper
244	100	
212	7.6	5.9 8.9
122	12.5	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: BF124830.D
Acq: 28 Jul 2021 16:34

Tgt Ion:264	Resp:	14636
Ion Ratio	Lower	Upper
264	100	
260	24.4	19.6 29.4
265	24.2	17.2 25.8

