

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
 Data File : BF124900.D
 Acq On : 2 Aug 2021 10:55
 Operator : JU/CG
 Sample : M3228-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210552-COM-25

Quant Time: Aug 02 11:35:58 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	5305	20.000	ng	# 0.00
21) Naphthalene-d8	8.134	136	21523	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	11797	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	21058	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	15380	20.000	ng	-0.01
86) Perylene-d12	15.480	264	10490	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	21420	68.365	ng	-0.01
7) Phenol-d6	6.481	99	27329	69.576	ng	0.00
23) Nitrobenzene-d5	7.416	82	18199	50.326	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	4711	46.511	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	33520	41.733	ng	0.00
79) Terphenyl-d14	12.957	244	35064	39.080	ng	0.00

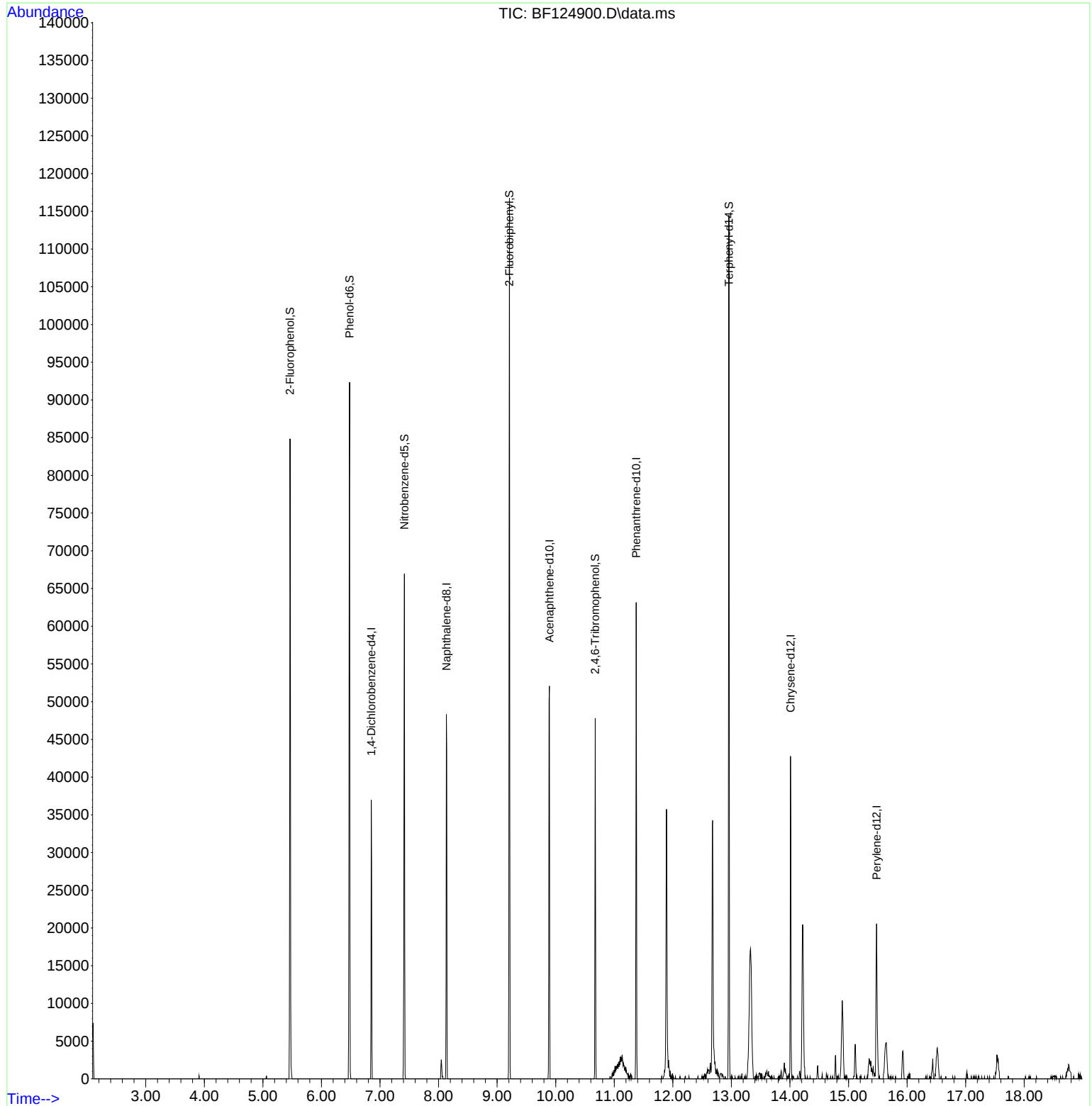
Target Compounds	Qvalue

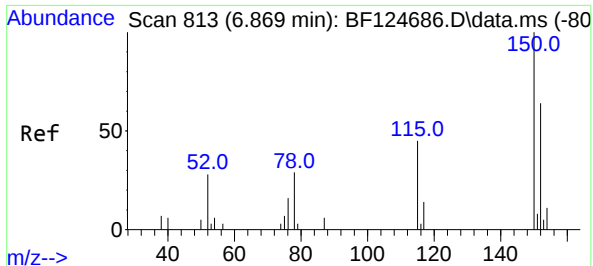
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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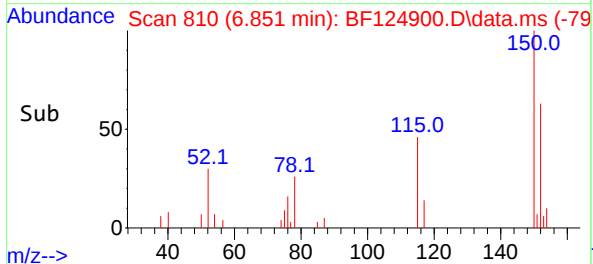
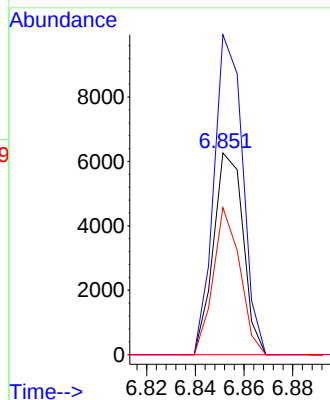
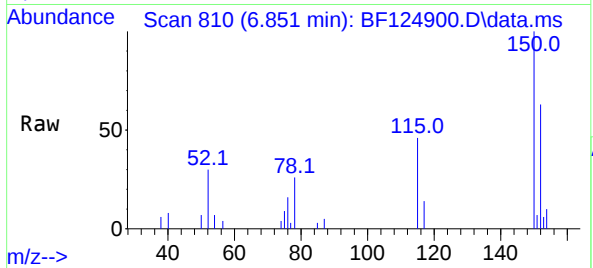




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF124900.D
Acq: 2 Aug 2021 10:55

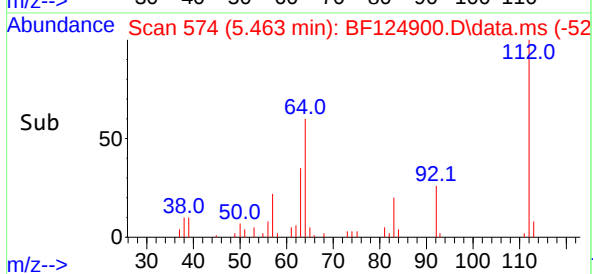
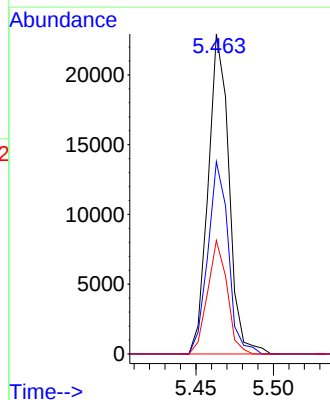
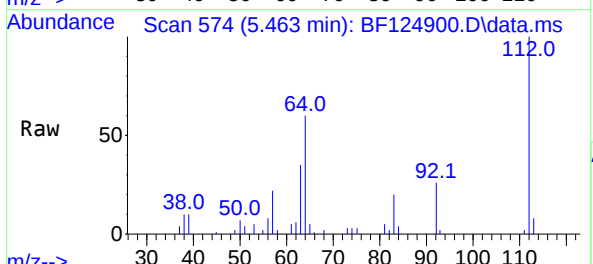
Instrument :
BNA_F
ClientSampleId :
20210552-COM-25

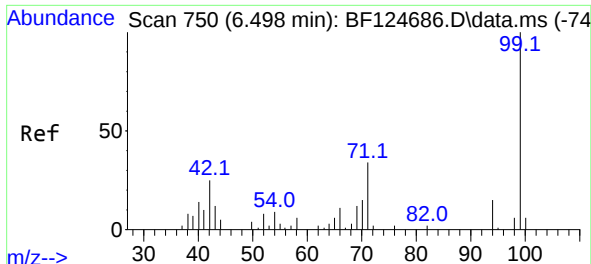
Tgt Ion:152 Resp: 5305
Ion Ratio Lower Upper
152 100
150 158.6 117.6 176.4
115 72.9 47.1 70.7#



#5
2-Fluorophenol
Concen: 68.365 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.012 min
Lab File: BF124900.D
Acq: 2 Aug 2021 10:55

Tgt Ion:112 Resp: 21420
Ion Ratio Lower Upper
112 100
64 60.1 44.2 66.2
63 35.4 26.2 39.2

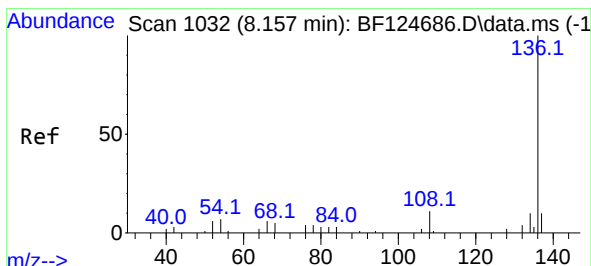
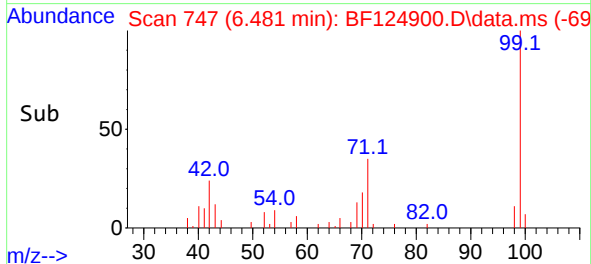
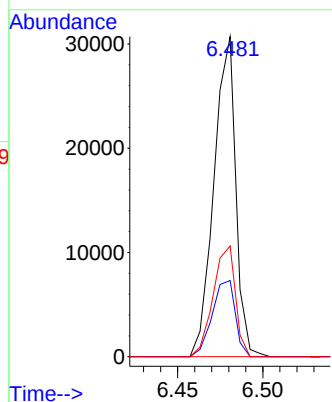
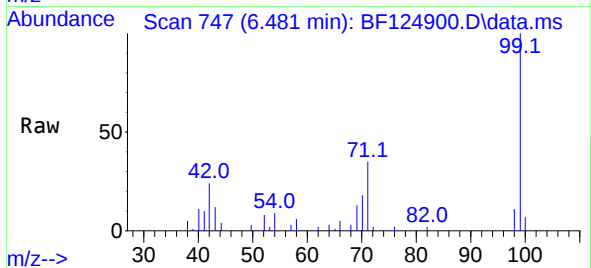




#7
Phenol-d6
Concen: 69.576 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF124900.D
Acq: 2 Aug 2021 10:55

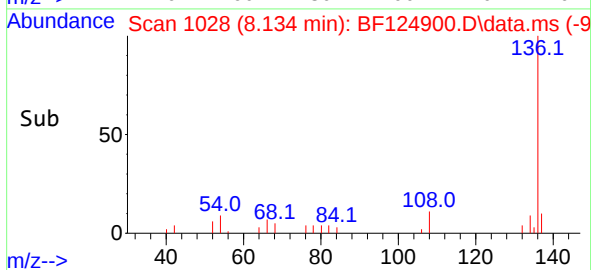
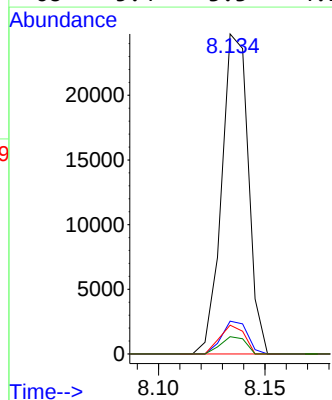
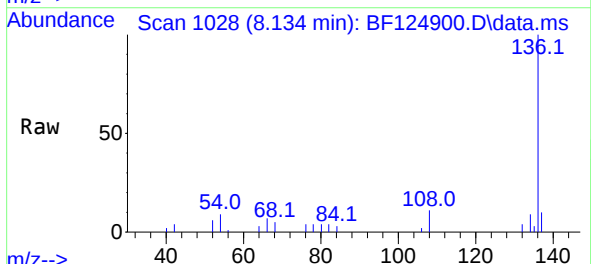
Instrument :
BNA_F
ClientSampleId :
20210552-COM-25

Tgt Ion: 99 Resp: 27329
Ion Ratio Lower Upper
99 100
42 23.8 23.5 35.3
71 34.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF124900.D
Acq: 2 Aug 2021 10:55

Tgt Ion: 136 Resp: 21523
Ion Ratio Lower Upper
136 100
137 10.2 9.8 14.6
54 9.0 6.4 9.6
68 5.4 3.3 4.9

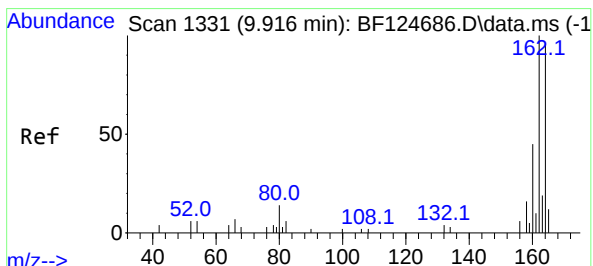
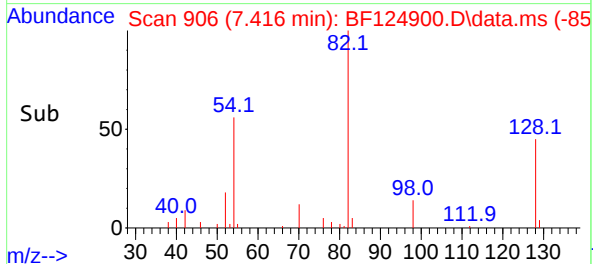
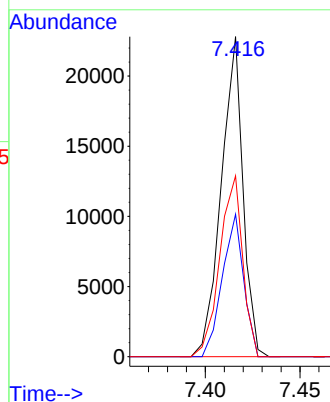
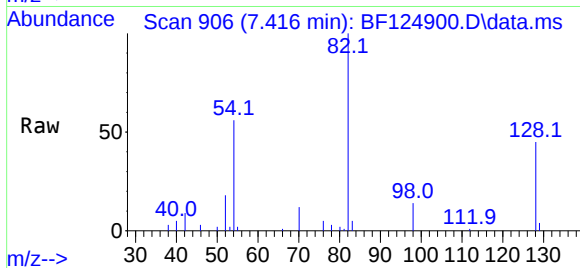




#23
Nitrobenzene-d5
Concen: 50.326 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF124900.D
Acq: 2 Aug 2021 10:55

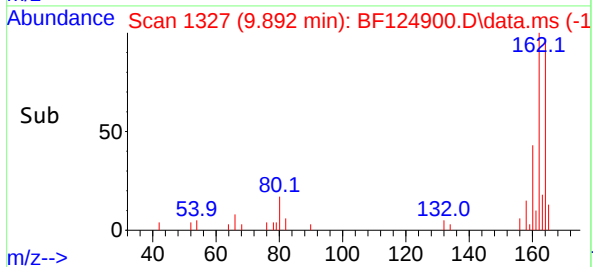
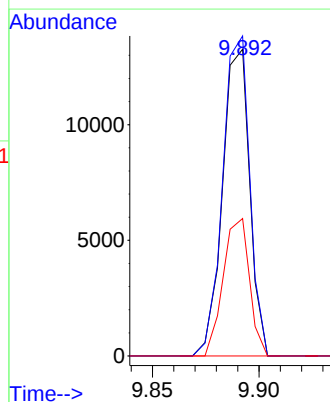
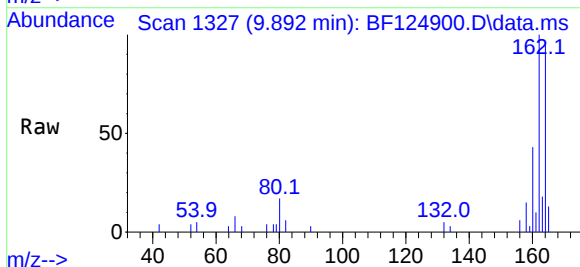
Instrument :
BNA_F
ClientSampleId :
20210552-COM-25

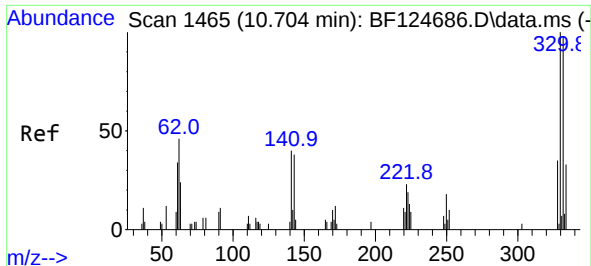
Tgt Ion: 82 Resp: 18199
Ion Ratio Lower Upper
82 100
128 44.5 40.6 60.8
54 56.5 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF124900.D
Acq: 2 Aug 2021 10:55

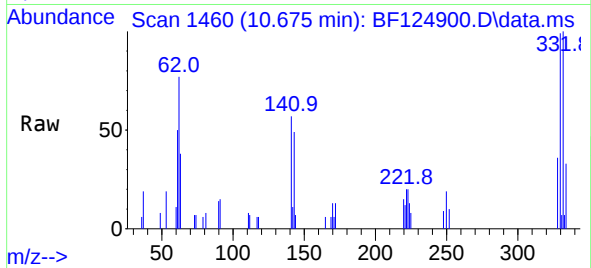
Tgt Ion:164 Resp: 11797
Ion Ratio Lower Upper
164 100
162 104.3 81.3 121.9
160 44.8 38.0 57.0



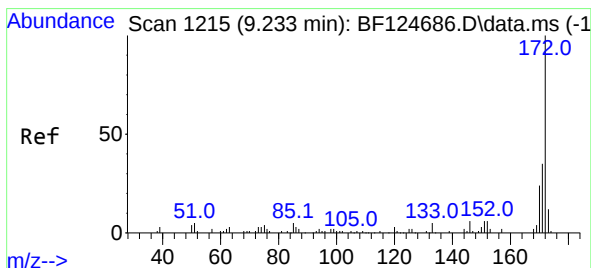
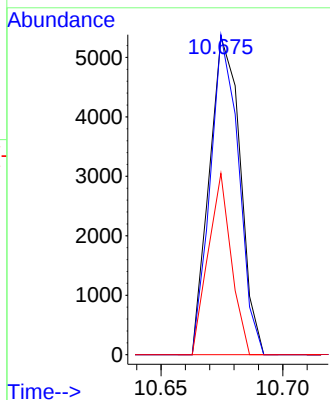
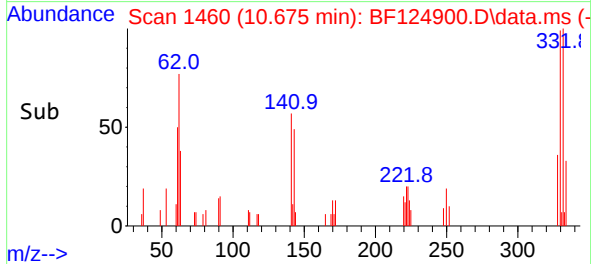


#42
2,4,6-Tribromophenol
Concen: 46.511 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF124900.D
Acq: 2 Aug 2021 10:55

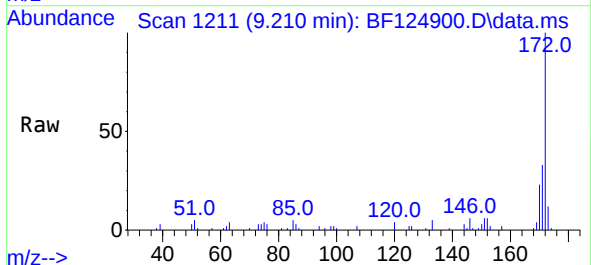
Instrument :
BNA_F
ClientSampleId :
20210552-COM-25



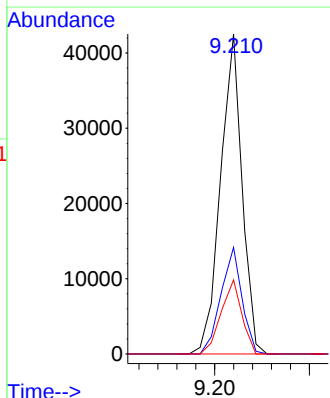
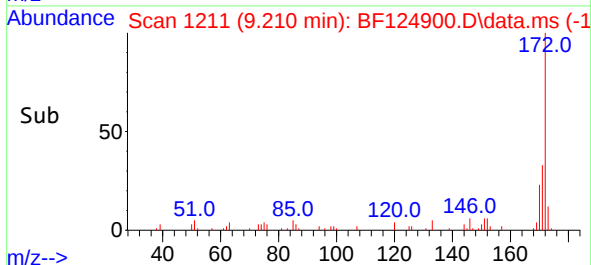
Tgt Ion:330 Resp: 4711
Ion Ratio Lower Upper
330 100
332 92.4 76.2 114.4
141 42.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 41.733 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF124900.D
Acq: 2 Aug 2021 10:55



Tgt Ion:172 Resp: 33520
Ion Ratio Lower Upper
172 100
171 33.3 26.5 39.7
170 23.1 18.8 28.2

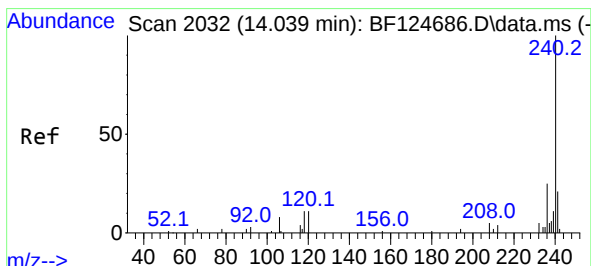
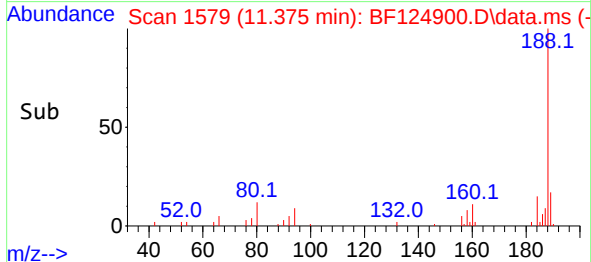
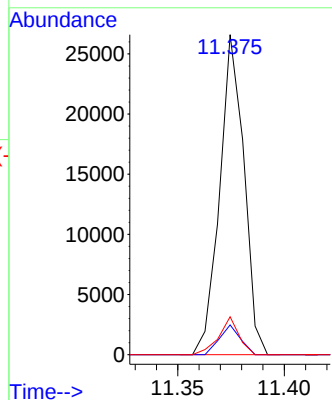
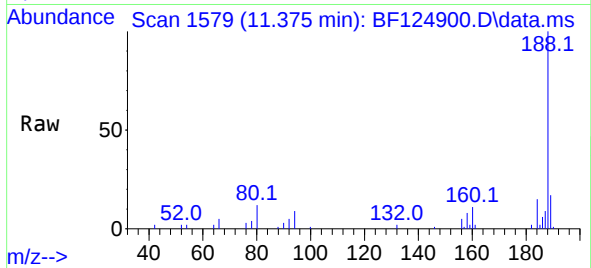




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124900.D
Acq: 2 Aug 2021 10:55

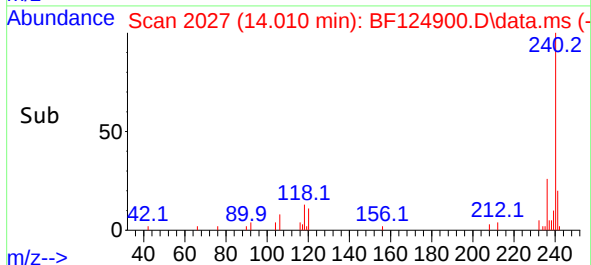
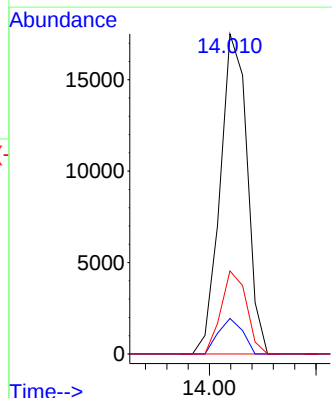
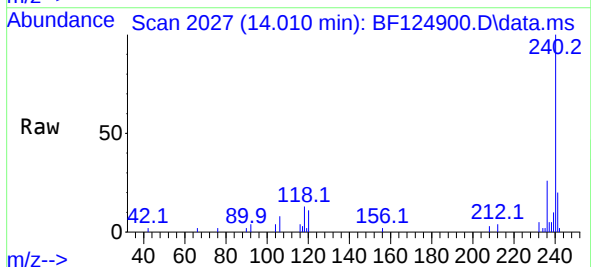
Instrument :
BNA_F
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20210552-COM-25

Tgt Ion:188 Resp: 21058
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 11.9 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: BF124900.D
Acq: 2 Aug 2021 10:55

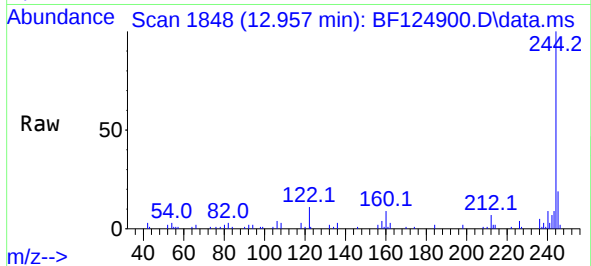
Tgt Ion:240 Resp: 15380
Ion Ratio Lower Upper
240 100
120 11.1 10.8 16.2
236 26.0 21.6 32.4



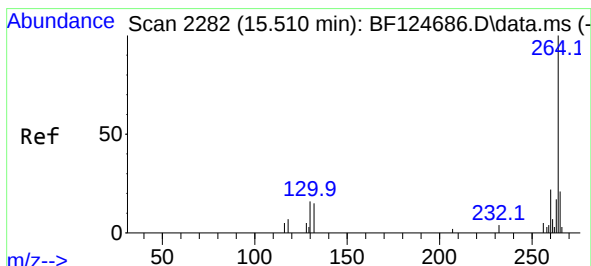
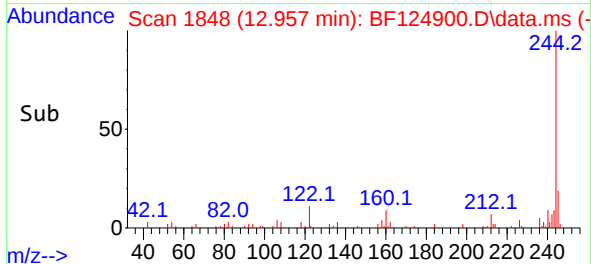
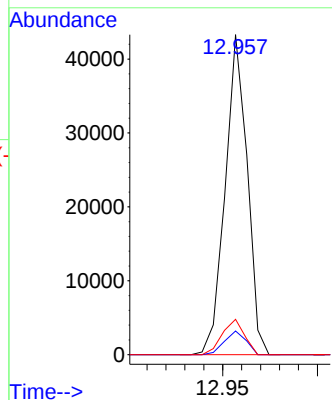


#79
 Terphenyl-d14
 Concen: 39.080 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF124900.D
 Acq: 2 Aug 2021 10:55

Instrument :
 BNA_F
 ClientSampleId :
 20210552-COM-25



Tgt Ion:244 Resp: 35064
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.0 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. 0.000 min
 Lab File: BF124900.D
 Acq: 2 Aug 2021 10:55

Tgt Ion:264 Resp: 10490
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 18.8 17.2 25.8

