

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111221\
 Data File : BF126153.D
 Acq On : 12 Nov 2021 13:10
 Operator : JU/CG
 Sample : M4607-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 21501

Quant Time: Nov 15 06:35:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	130488	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	481814	20.000	ng	#-0.02
39) Acenaphthene-d10	9.880	164	290046	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	548950	20.000	ng	# 0.00
76) Chrysene-d12	14.004	240	469759	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	338661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1269471	167.068	ng	0.00
7) Phenol-d6	6.481	99	1805411	168.550	ng	0.00
23) Nitrobenzene-d5	7.410	82	1362392	133.352	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	509716	153.347	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	2624126	122.261	ng	-0.01
79) Terphenyl-d14	12.963	244	3424293	117.546	ng	0.00

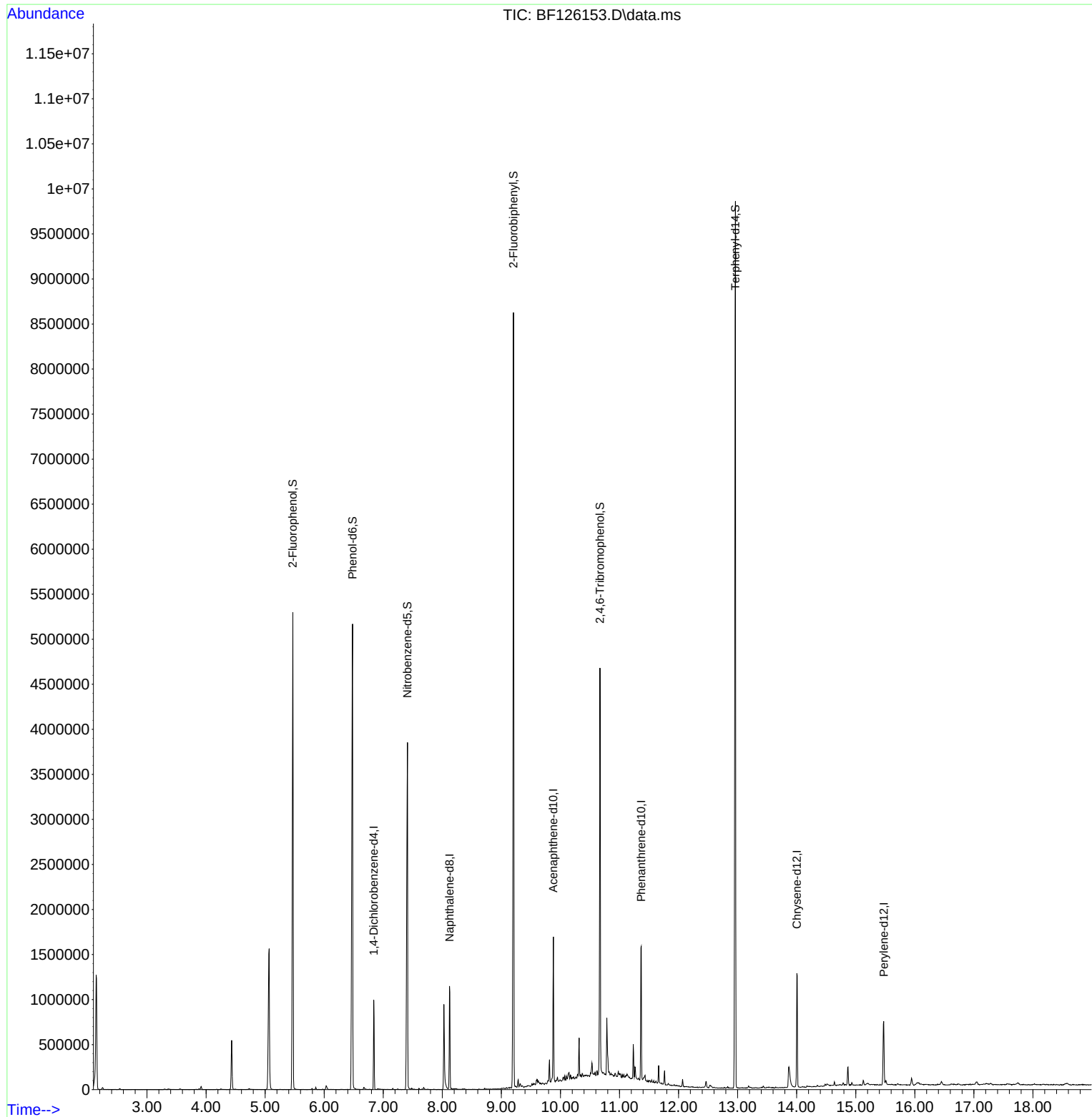
Target Compounds	Qvalue

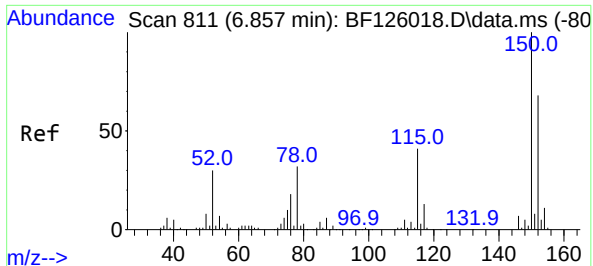
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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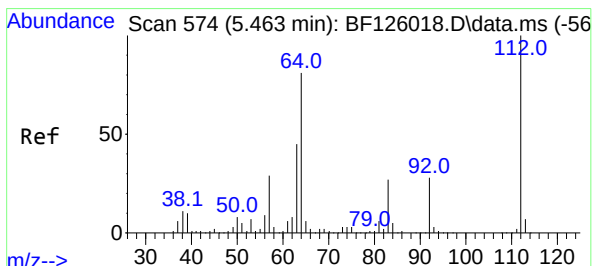
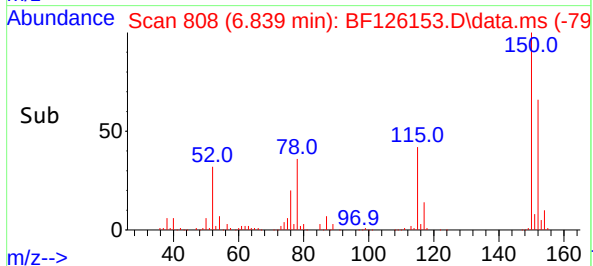
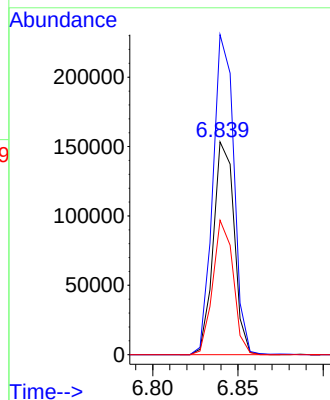
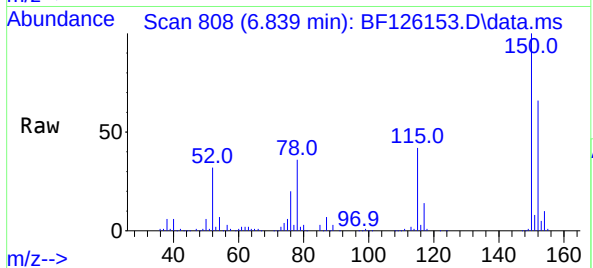




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

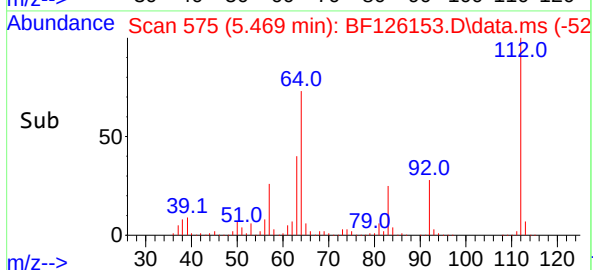
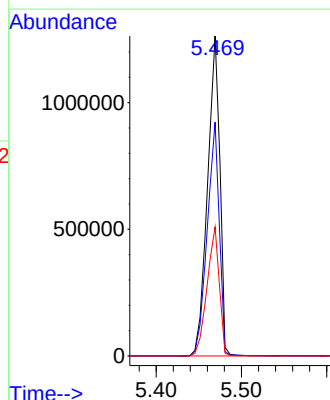
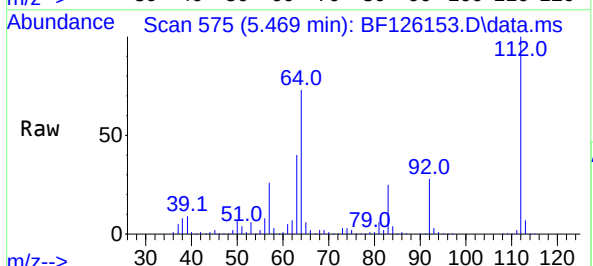
Instrument :
BNA_F
ClientSampleId :
21501

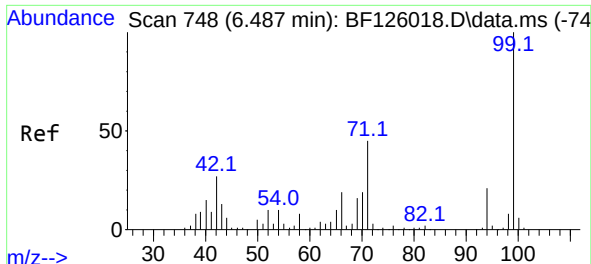
Tgt Ion:152 Resp: 130488
Ion Ratio Lower Upper
152 100
150 150.4 117.6 176.4
115 63.2 47.1 70.7



#5
2-Fluorophenol
Concen: 167.068 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

Tgt Ion:112 Resp: 1269471
Ion Ratio Lower Upper
112 100
64 73.0 44.2 66.2#
63 40.3 26.2 39.2#

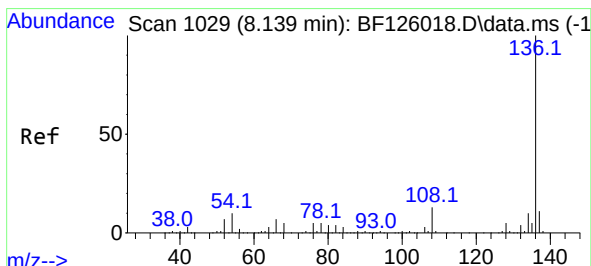
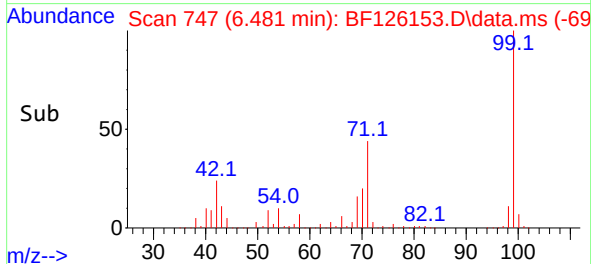
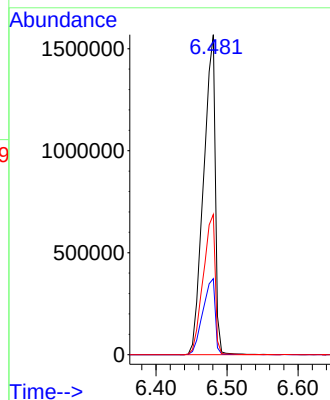
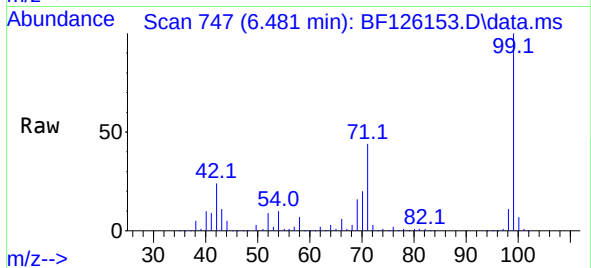




#7
Phenol-d6
Concen: 168.550 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

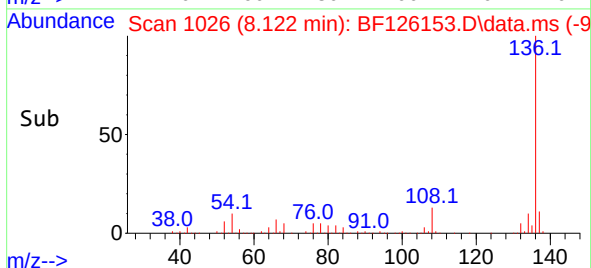
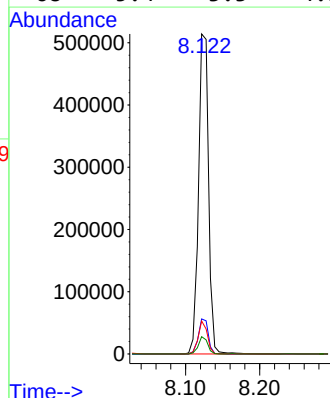
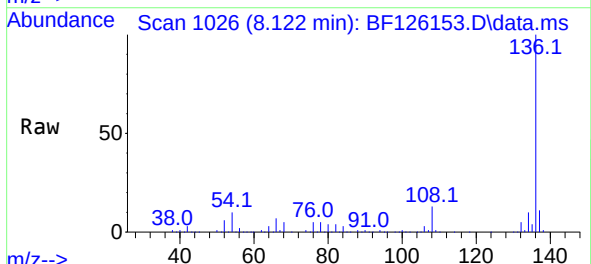
Instrument :
BNA_F
ClientSampleId :
21501

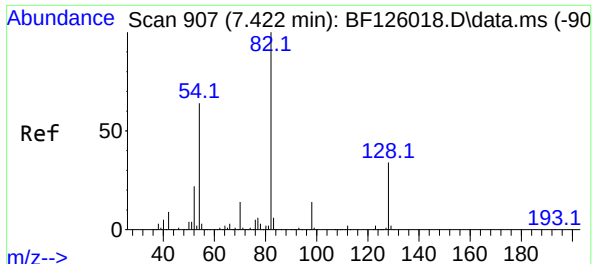
Tgt Ion: 99 Resp: 1805411
Ion Ratio Lower Upper
99 100
42 23.8 23.5 35.3
71 43.8 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

Tgt Ion: 136 Resp: 481814
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 10.3 6.4 9.6#
68 5.4 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 133.352 ng

RT: 7.410 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF126153.D

Acq: 12 Nov 2021 13:10

Instrument :

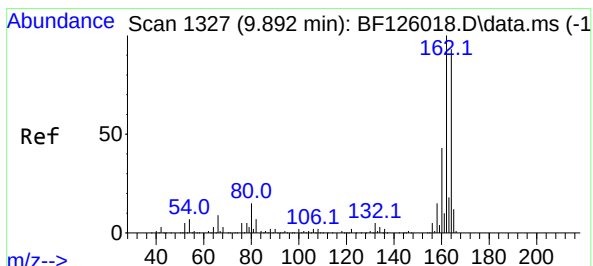
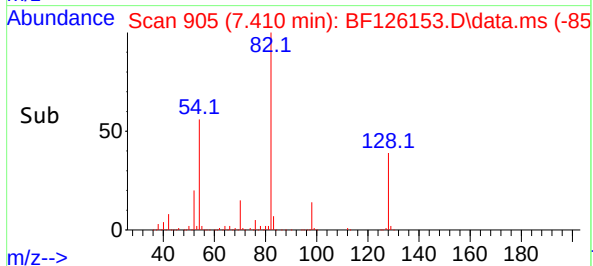
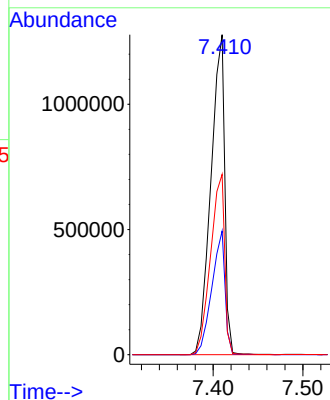
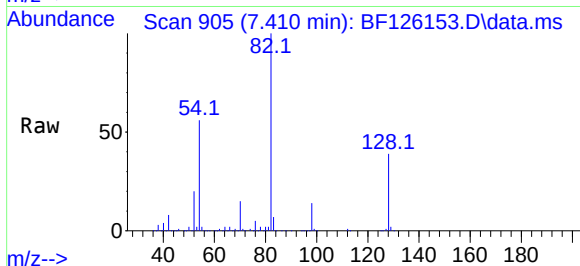
BNA_F

ClientSampleId :

21501

Tgt Ion: 82 Resp: 1362392

Ion	Ratio	Lower	Upper
82	100		
128	38.7	40.6	60.8#
54	56.4	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

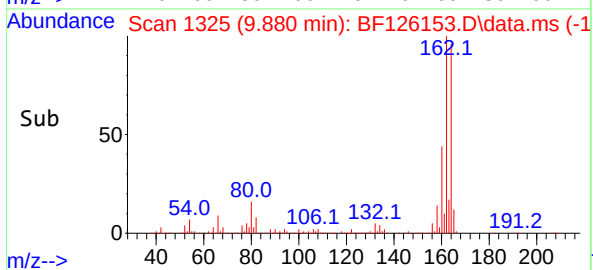
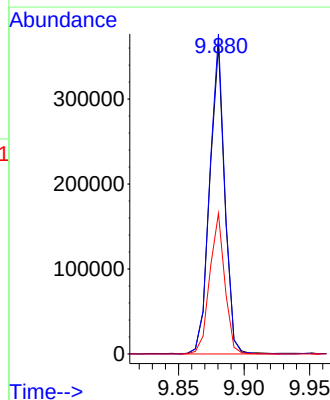
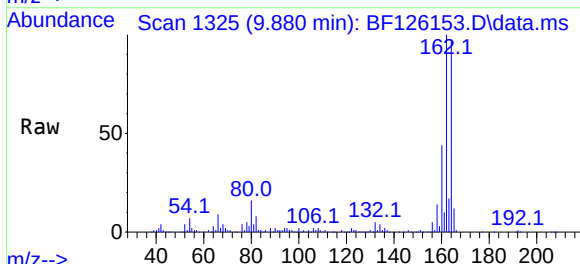
Delta R.T. -0.012 min

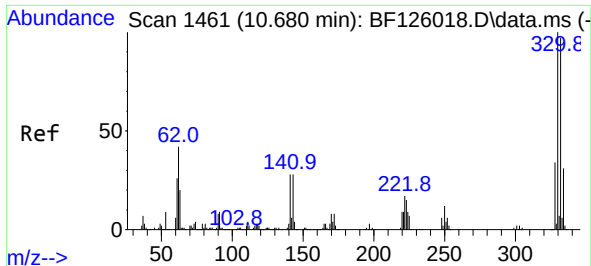
Lab File: BF126153.D

Acq: 12 Nov 2021 13:10

Tgt Ion:164 Resp: 290046

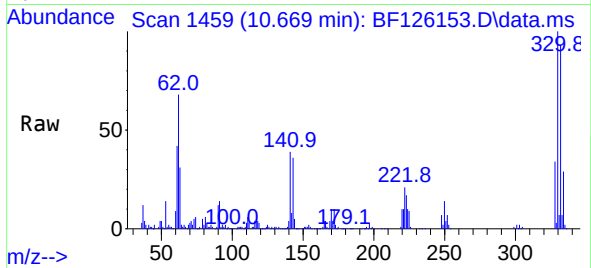
Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.3	121.9
160	45.5	38.0	57.0



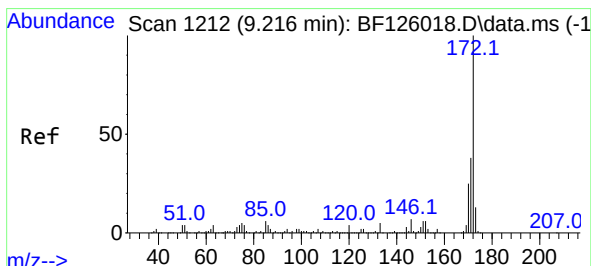
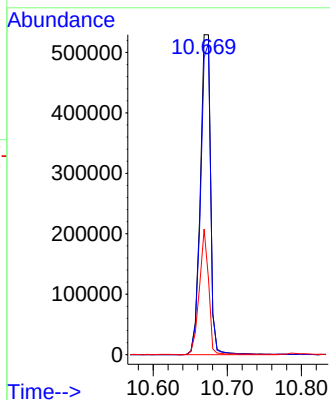
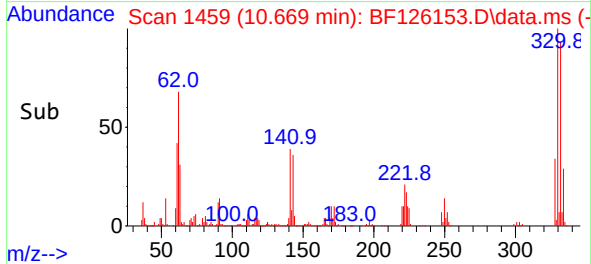


#42
2,4,6-Tribromophenol
Concen: 153.347 ng
RT: 10.669 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

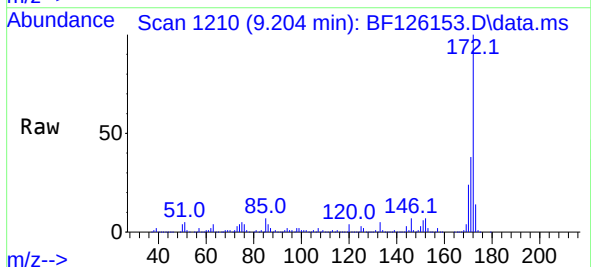
Instrument :
BNA_F
ClientSampleId :
21501



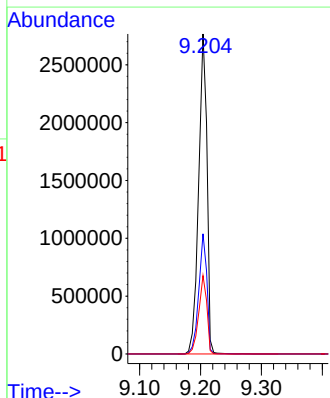
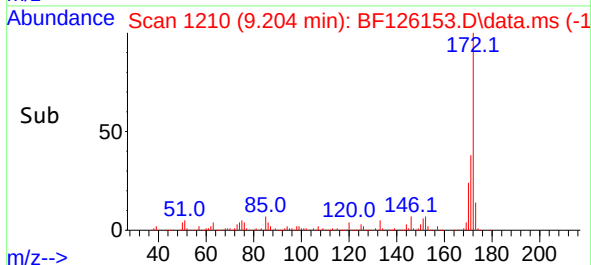
Tgt Ion:330 Resp: 509716
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 35.2 44.6 66.8#

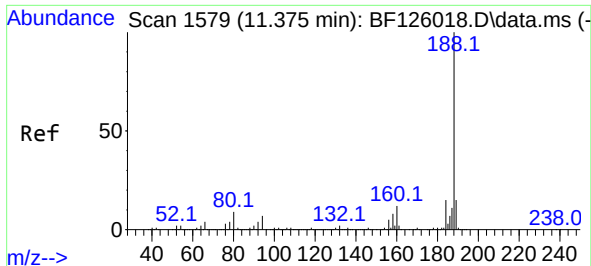


#45
2-Fluorobiphenyl
Concen: 122.261 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10



Tgt Ion:172 Resp: 2624126
Ion Ratio Lower Upper
172 100
171 37.6 26.5 39.7
170 24.5 18.8 28.2

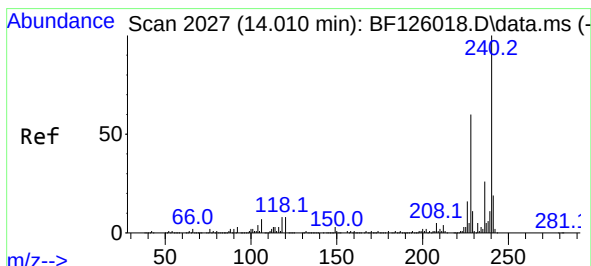
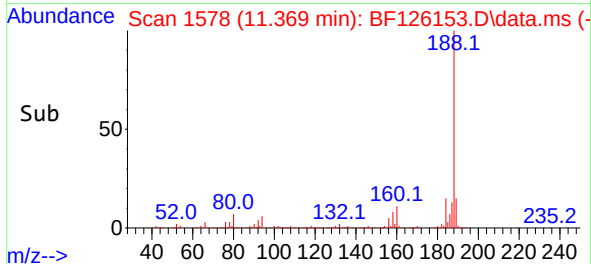
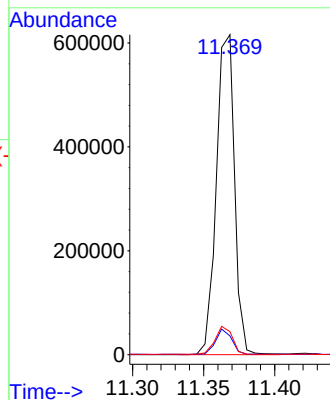
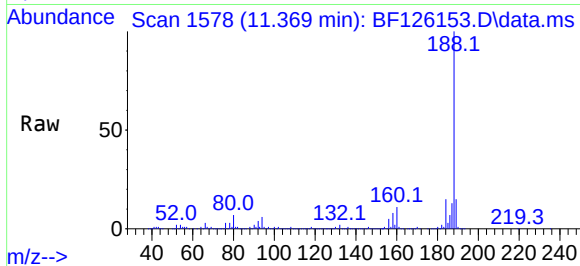




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

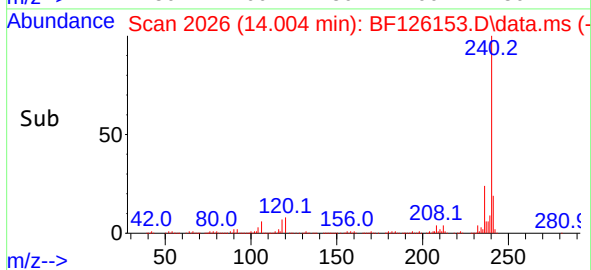
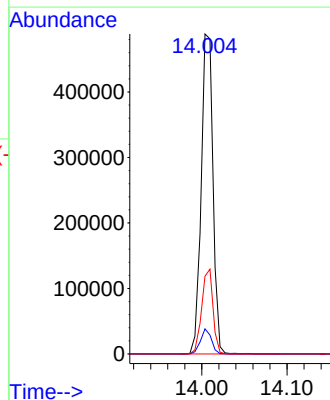
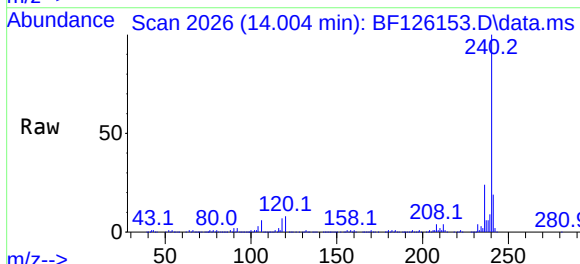
Instrument :
BNA_F
ClientSampleId :
21501

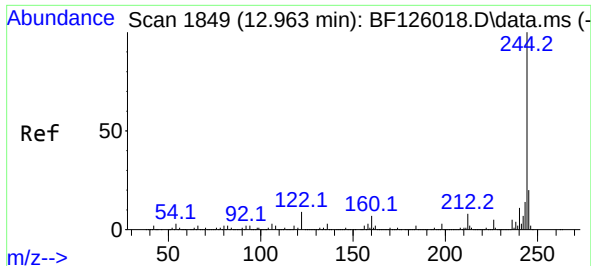
Tgt Ion:188 Resp: 548950
Ion Ratio Lower Upper
188 100
94 5.9 6.7 10.1#
80 7.2 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

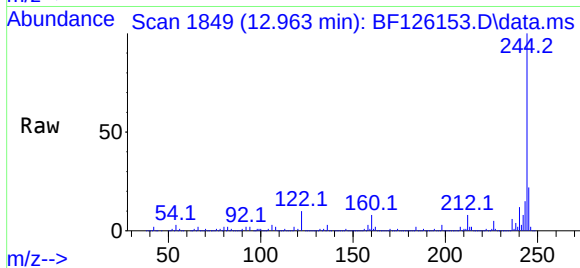
Tgt Ion:240 Resp: 469759
Ion Ratio Lower Upper
240 100
120 7.8 10.8 16.2#
236 24.3 21.6 32.4



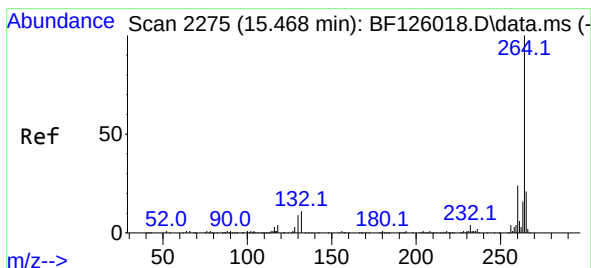
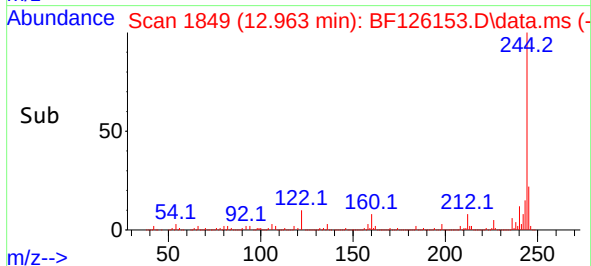
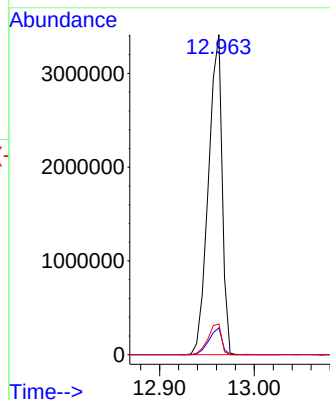


#79
Terphenyl-d14
Concen: 117.546 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

Instrument :
BNA_F
ClientSampleId :
21501



Tgt Ion:244 Resp: 3424293
Ion Ratio Lower Upper
244 100
212 8.4 5.9 8.9
122 9.6 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: BF126153.D
Acq: 12 Nov 2021 13:10

Tgt Ion:264 Resp: 338661
Ion Ratio Lower Upper
264 100
260 23.4 19.6 29.4
265 20.4 17.2 25.8

