

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111321\
 Data File : BF126177.D
 Acq On : 13 Nov 2021 19:52
 Operator : JU/CG
 Sample : M4607-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 368

Quant Time: Nov 15 10:00:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 08:09:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	92235	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	476209	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	266473	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	427498	20.000	ng	0.00
76) Chrysene-d12	13.992	240	303343	20.000	ng	#-0.01
86) Perylene-d12	15.457	264	350266	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	695553	129.502	ng	0.00
7) Phenol-d6	6.457	99	667332	88.139	ng	-0.01
23) Nitrobenzene-d5	7.392	82	714226	70.732	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	287423	94.120	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1389038	70.442	ng	0.00
79) Terphenyl-d14	12.939	244	1109709	58.991	ng	0.00

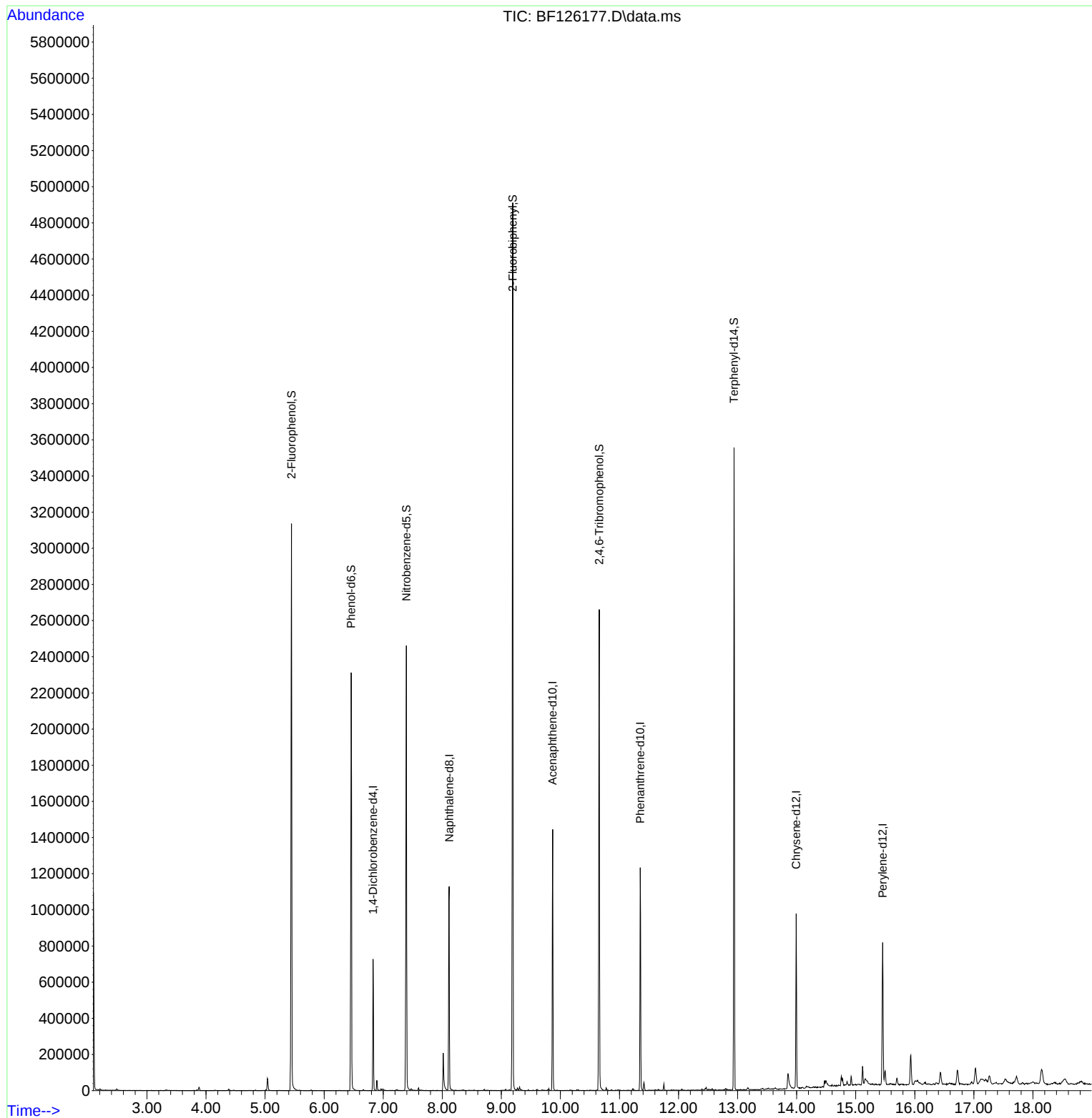
Target Compounds	Qvalue

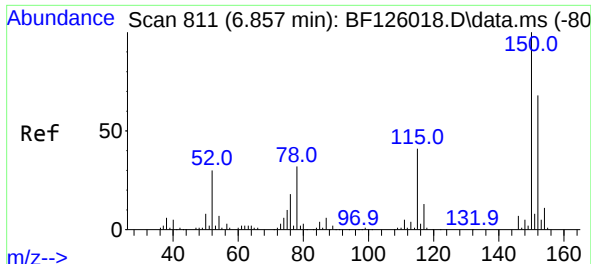
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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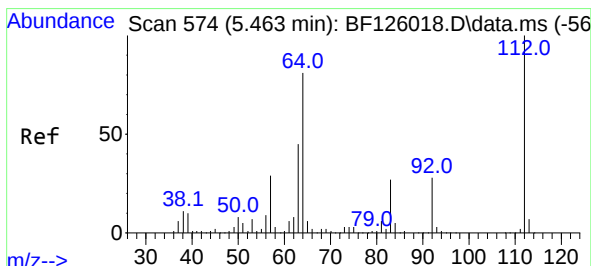
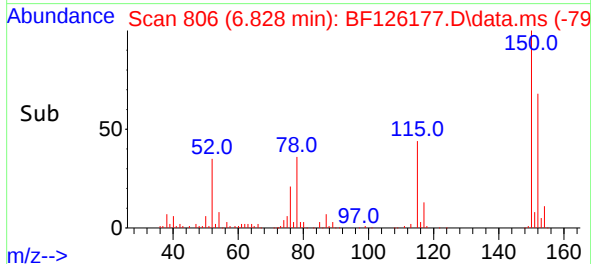
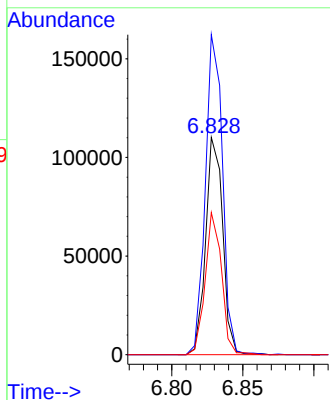
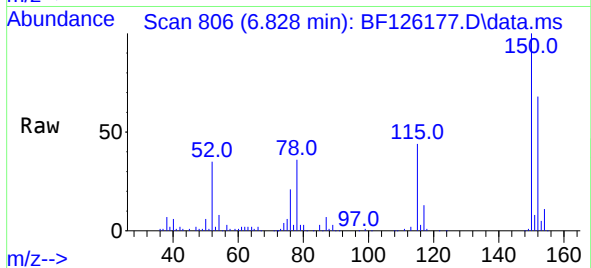




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

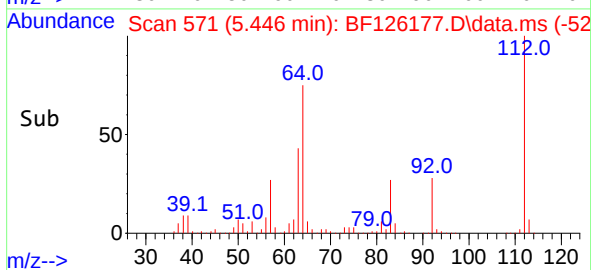
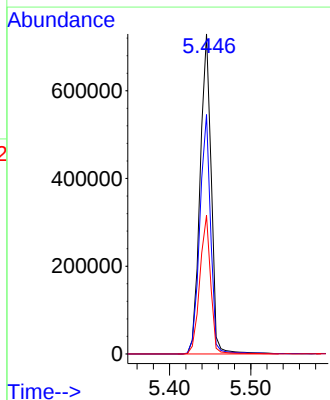
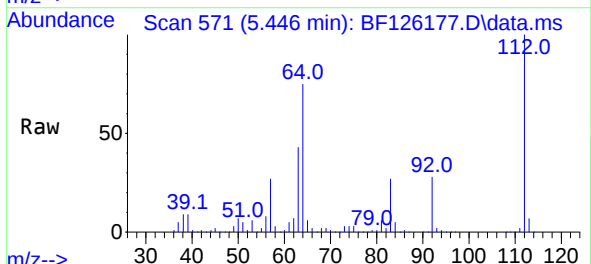
Instrument :
BNA_F
ClientSampleId :
368

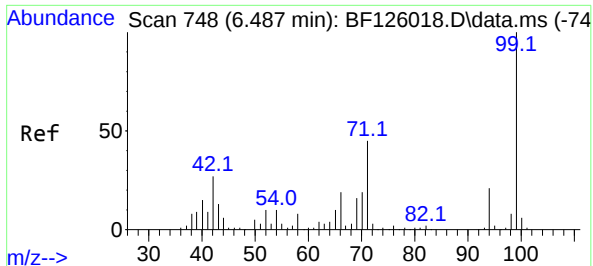
Tgt Ion:152 Resp: 92235
Ion Ratio Lower Upper
152 100
150 147.3 117.6 176.4
115 65.4 47.1 70.7



#5
2-Fluorophenol
Concen: 129.502 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

Tgt Ion:112 Resp: 695553
Ion Ratio Lower Upper
112 100
64 74.8 44.2 66.2#
63 43.3 26.2 39.2#

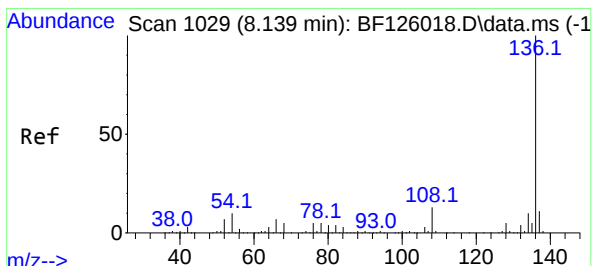
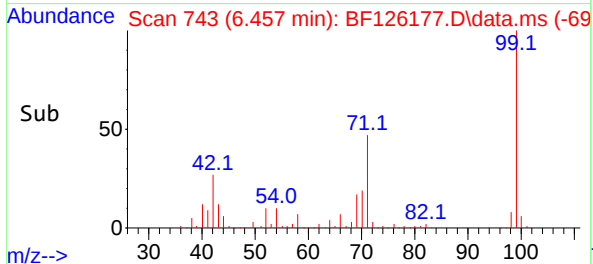
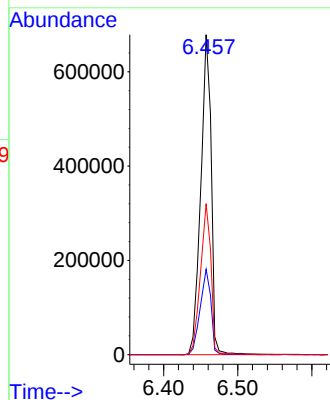
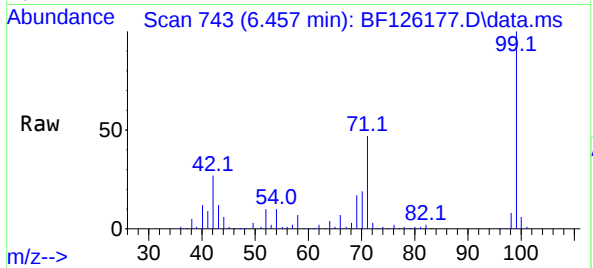




#7
Phenol-d6
Concen: 88.139 ng
RT: 6.457 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

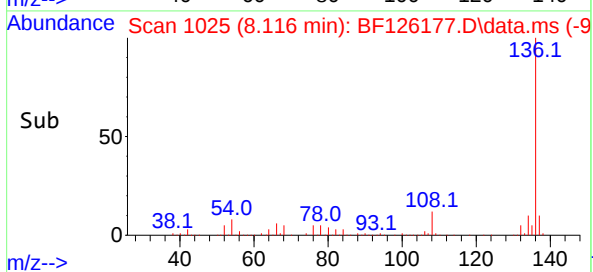
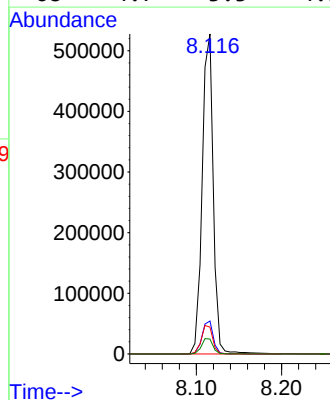
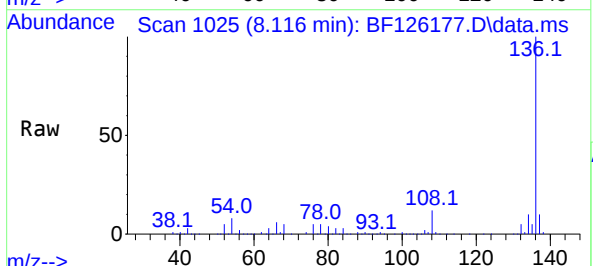
Instrument :
BNA_F
ClientSampleId :
368

Tgt Ion: 99 Resp: 667332
Ion Ratio Lower Upper
99 100
42 26.7 23.5 35.3
71 47.2 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

Tgt Ion: 136 Resp: 476209
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 8.4 6.4 9.6
68 4.7 3.3 4.9





#23

Nitrobenzene-d5

Concen: 70.732 ng

RT: 7.392 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF126177.D

Acq: 13 Nov 2021 19:52

Instrument :

BNA_F

ClientSampleId :

368

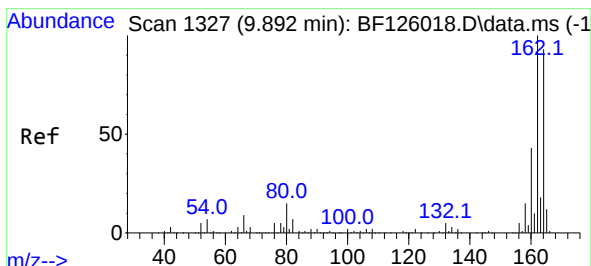
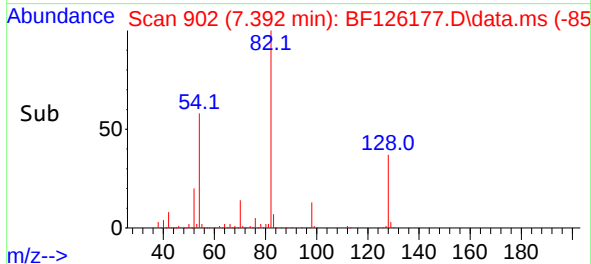
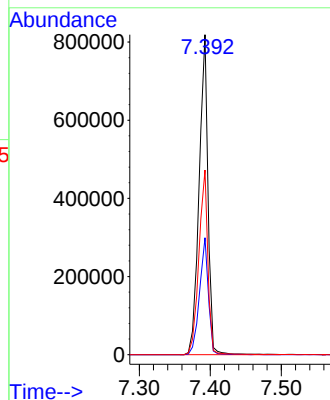
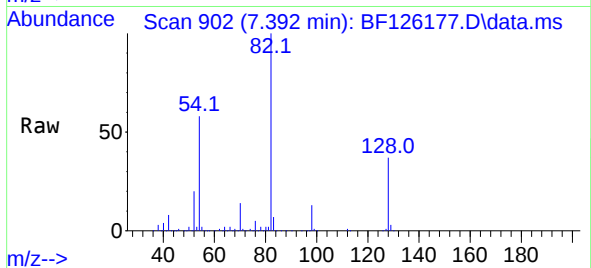
Tgt Ion: 82 Resp: 714226

Ion Ratio Lower Upper

82 100

128 36.6 40.6 60.8#

54 57.7 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF126177.D

Acq: 13 Nov 2021 19:52

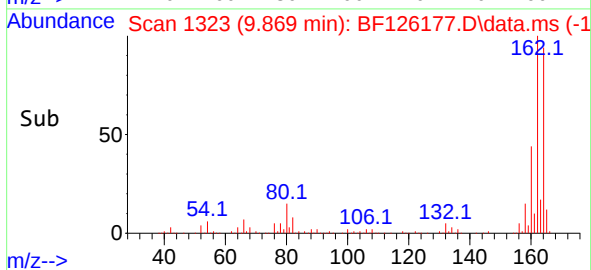
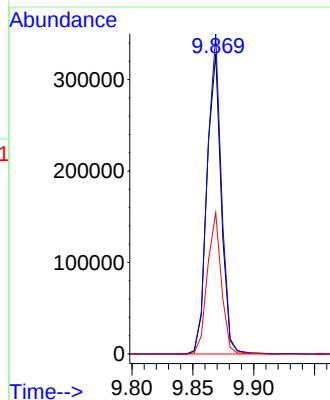
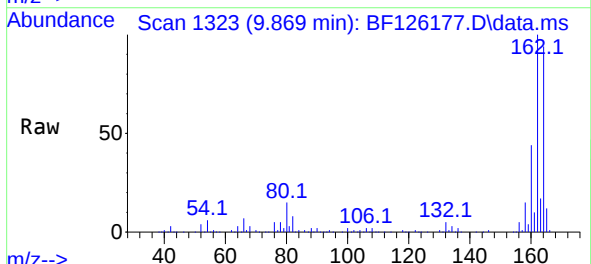
Tgt Ion:164 Resp: 266473

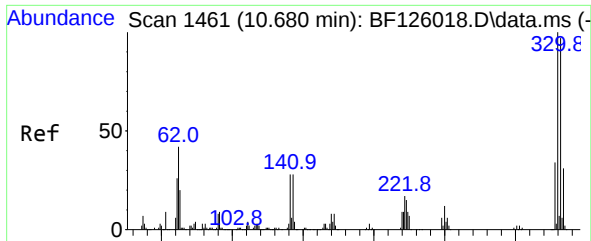
Ion Ratio Lower Upper

164 100

162 106.7 81.3 121.9

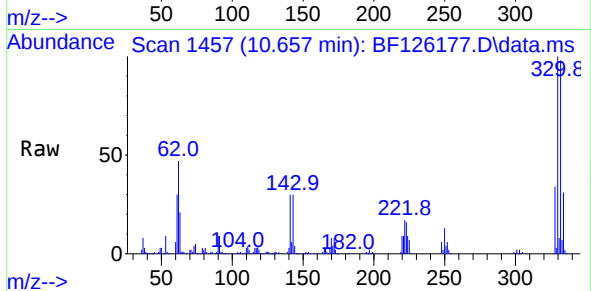
160 47.1 38.0 57.0



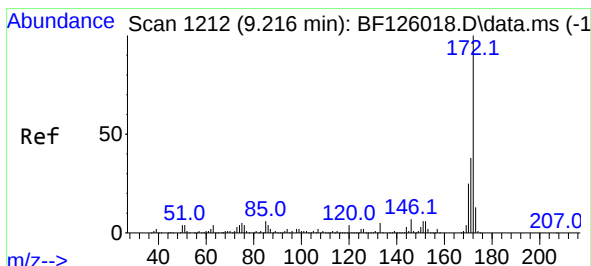
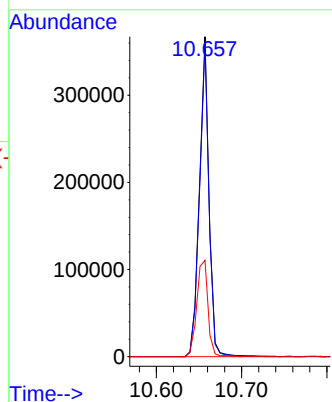
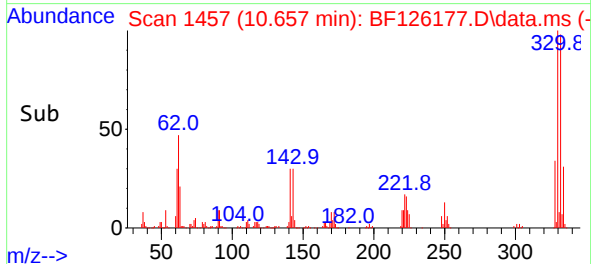


#42
2,4,6-Tribromophenol
Concen: 94.120 ng
RT: 10.657 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

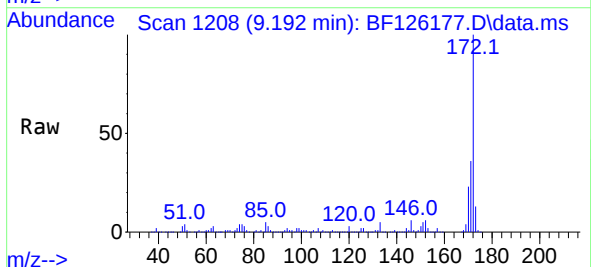
Instrument :
BNA_F
ClientSampleId :
368



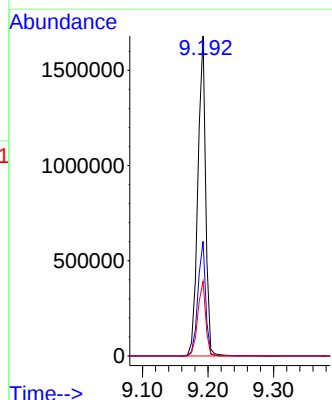
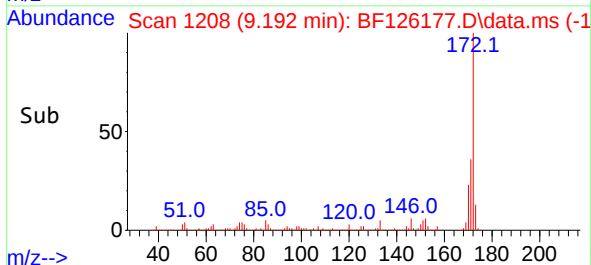
Tgt Ion:330 Resp: 287423
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 35.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 70.442 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52



Tgt Ion:172 Resp: 1389038
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 23.3 18.8 28.2

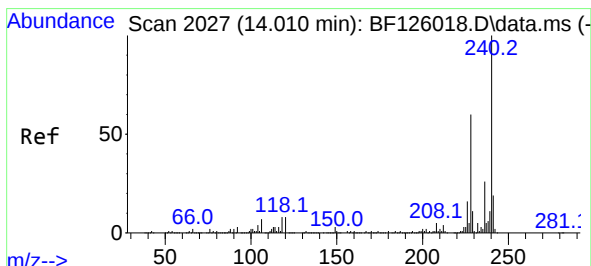
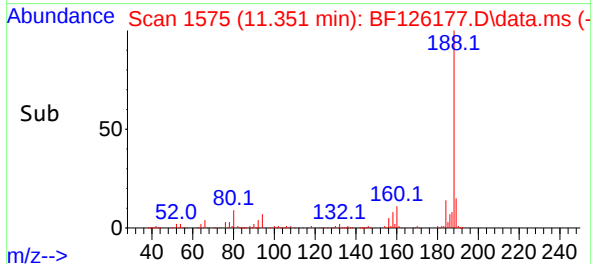
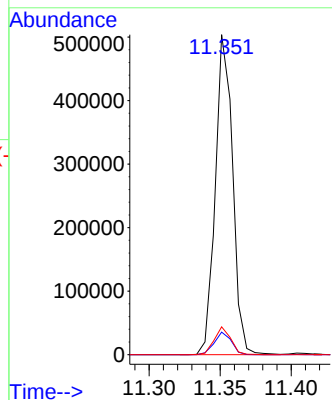
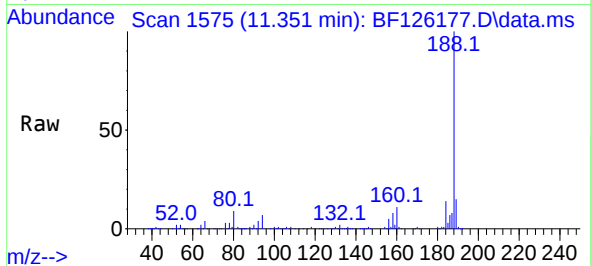




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

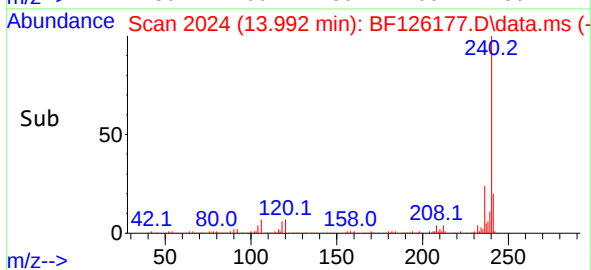
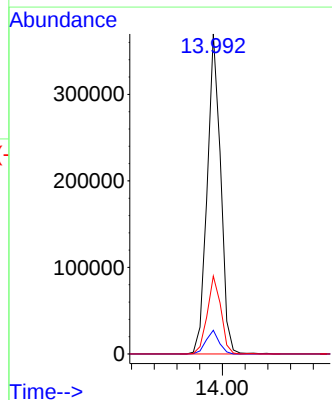
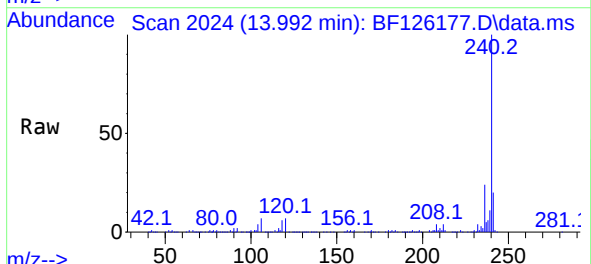
Instrument :
BNA_F
ClientSampleId :
368

Tgt Ion:188 Resp: 427498
Ion Ratio Lower Upper
188 100
94 7.0 6.7 10.1
80 8.7 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF126177.D
Acq: 13 Nov 2021 19:52

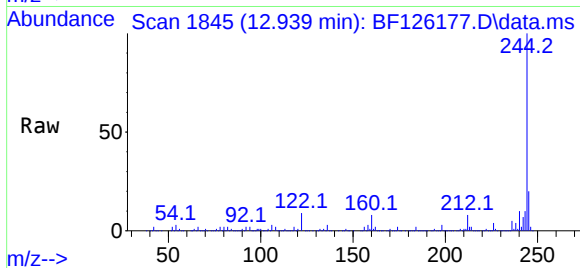
Tgt Ion:240 Resp: 303343
Ion Ratio Lower Upper
240 100
120 7.4 10.8 16.2#
236 24.3 21.6 32.4



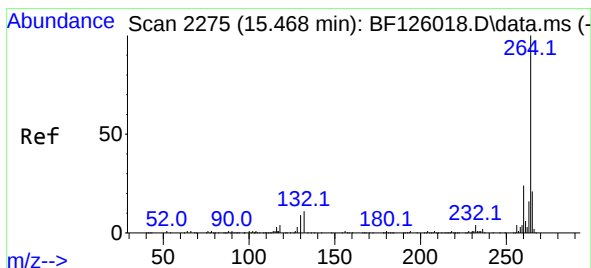
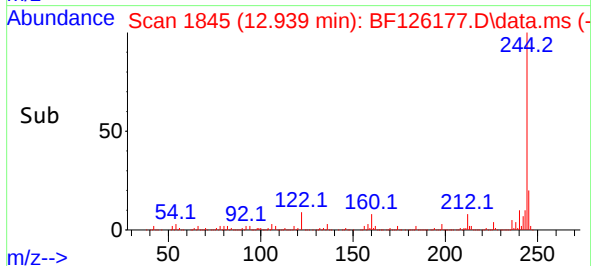
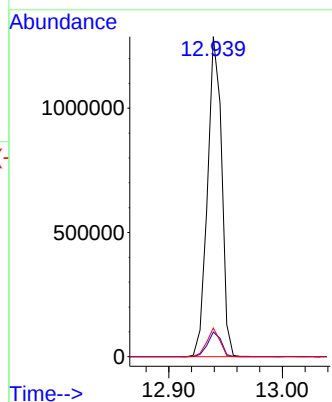


#79
 Terphenyl-d14
 Concen: 58.991 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126177.D
 Acq: 13 Nov 2021 19:52

Instrument :
 BNA_F
 ClientSampleId :
 368



Tgt Ion:244 Resp: 1109709
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 9.0 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF126177.D
 Acq: 13 Nov 2021 19:52

Tgt Ion:264 Resp: 350266
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 22.0 17.2 25.8

