

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
 Data File : BF122659.D
 Acq On : 11 Dec 2020 12:29
 Operator : JU/CG
 Sample : PB133535BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133535BL

Quant Time: Dec 11 13:19:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	175121	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	674684	20.00	ng	0.00
39) Acenaphthene-d10	9.874	164	355902	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	679873	20.00	ng	0.00
76) Chrysene-d12	14.004	240	627786	20.00	ng	0.00
86) Perylene-d12	15.468	264	583541	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1324419	119.73	ng	0.01
7) Phenol-d6	6.475	99	1639610	111.76	ng	0.00
23) Nitrobenzene-d5	7.404	82	1031057	76.57	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	544775	116.94	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1865644	70.90	ng	0.00
79) Terphenyl-d14	12.951	244	2153480	60.04	ng	0.00

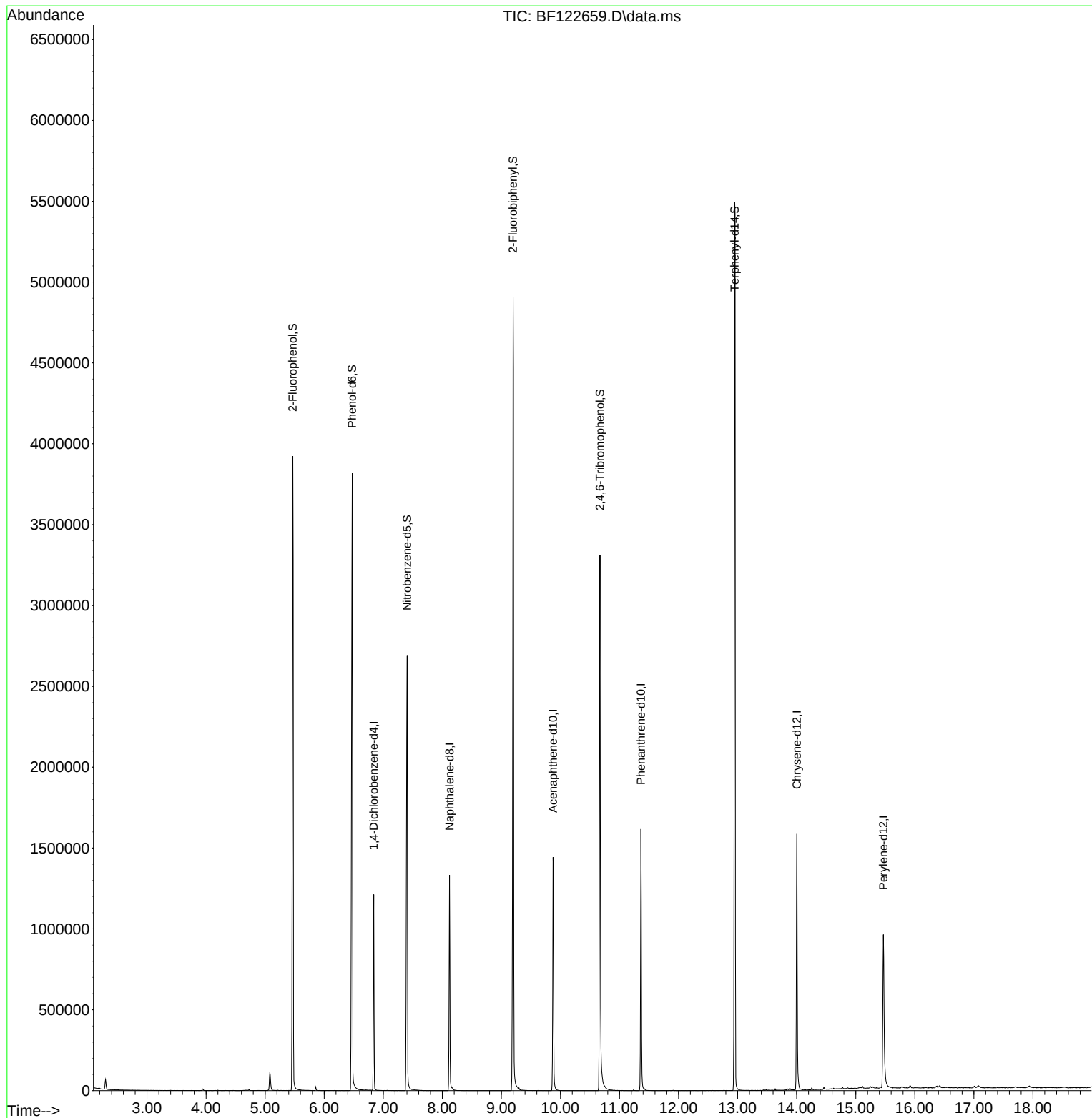
Target Compounds	Qvalue

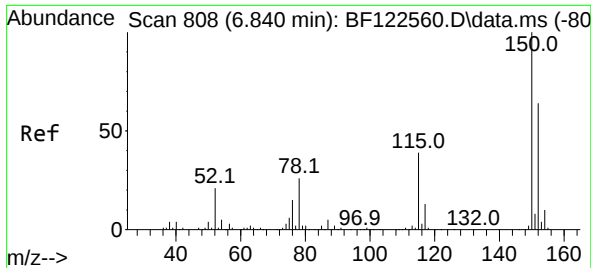
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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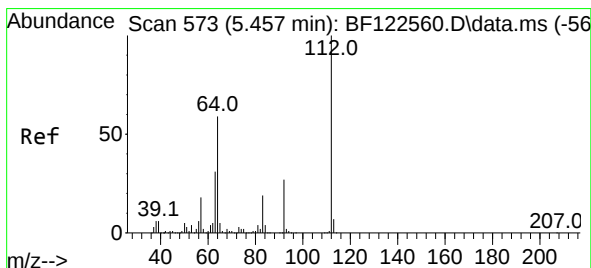
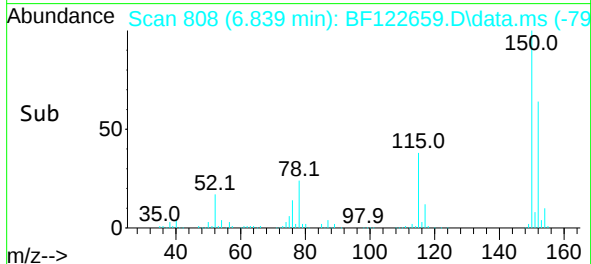
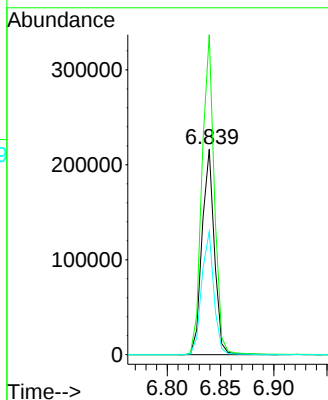
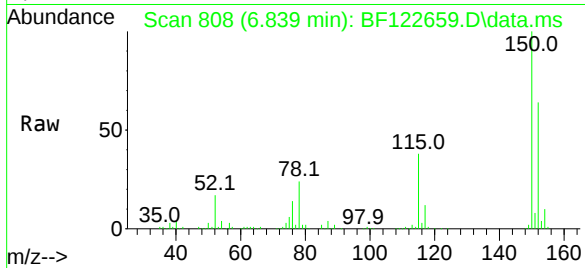




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122659.D
Acq: 11 Dec 2020 12:29

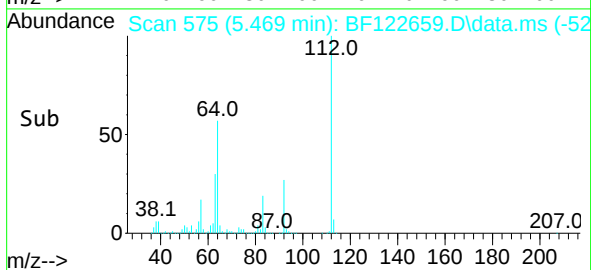
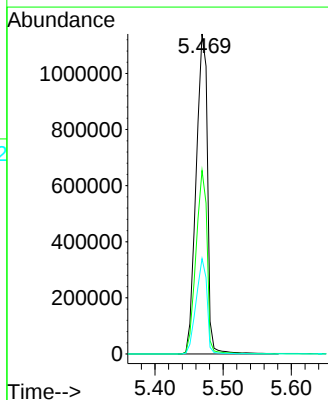
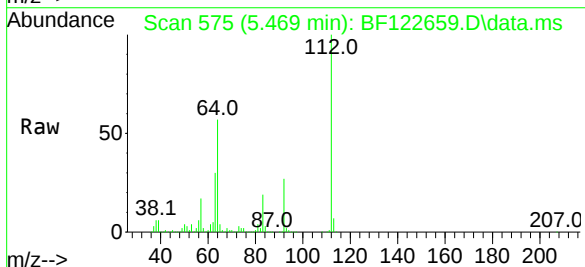
Instrument :
BNA_F
ClientSampleId :
PB133535BL

Tgt Ion:152 Resp: 175121
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 59.9 49.3 73.9



#5
2-Fluorophenol
Concen: 119.73 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF122659.D
Acq: 11 Dec 2020 12:29

Tgt Ion:112 Resp: 1324419
Ion Ratio Lower Upper
112 100
64 57.4 46.9 70.3
63 29.8 24.5 36.7

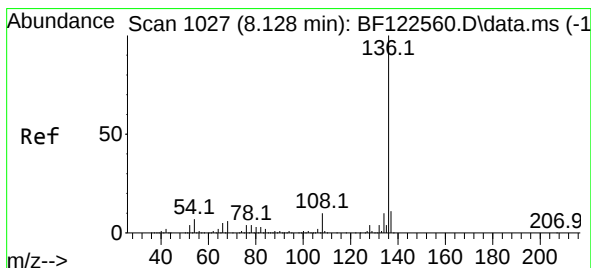
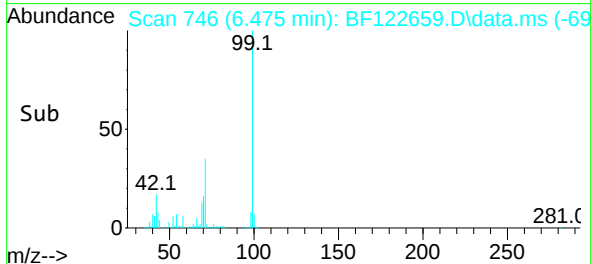
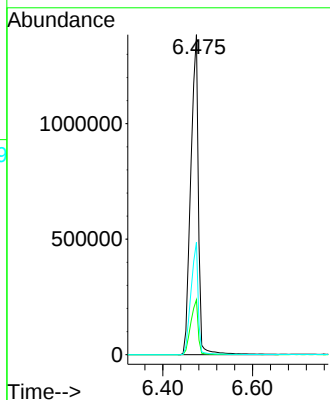
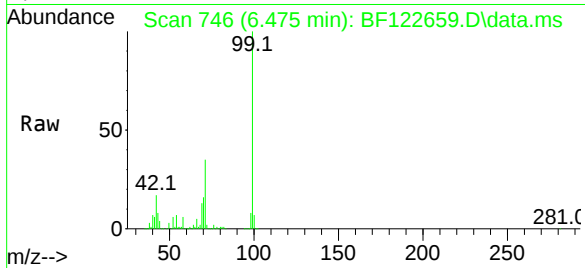




#7
Phenol-d6
Concen: 111.76 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF122659.D
Acq: 11 Dec 2020 12:29

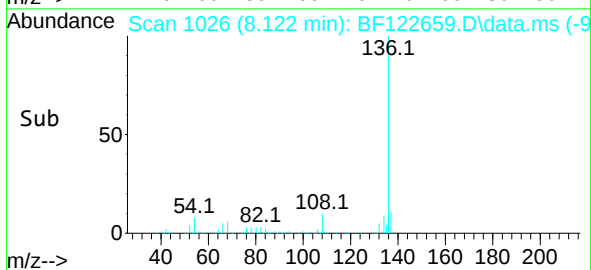
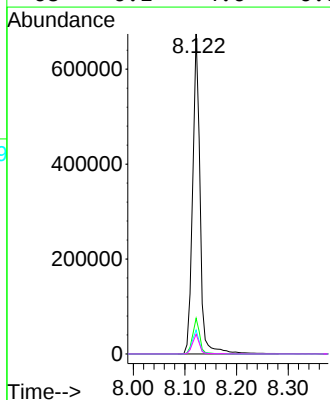
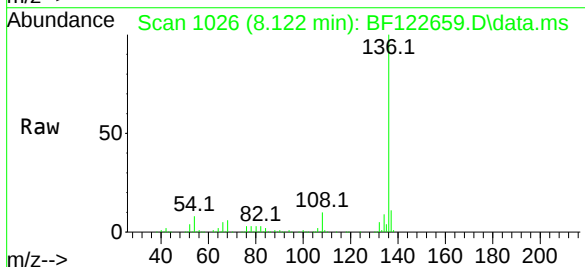
Instrument :
BNA_F
ClientSampleId :
PB133535BL

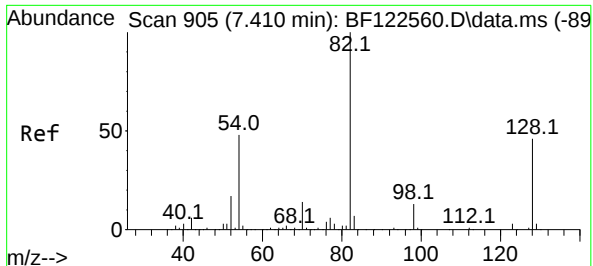
Tgt Ion: 99 Resp: 1639610
Ion Ratio Lower Upper
99 100
42 17.2 13.8 20.6
71 35.1 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122659.D
Acq: 11 Dec 2020 12:29

Tgt Ion: 136 Resp: 674684
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.5 5.5 8.3
68 6.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 76.57 ng

RT: 7.404 min Scan# 904

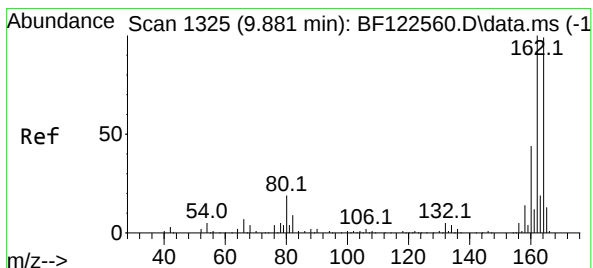
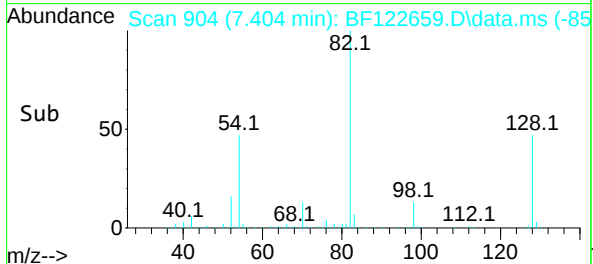
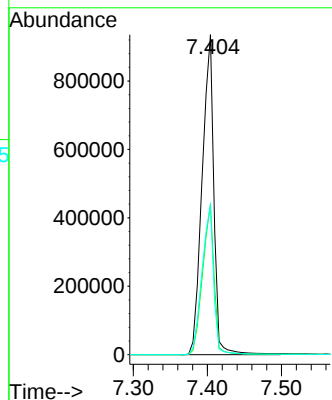
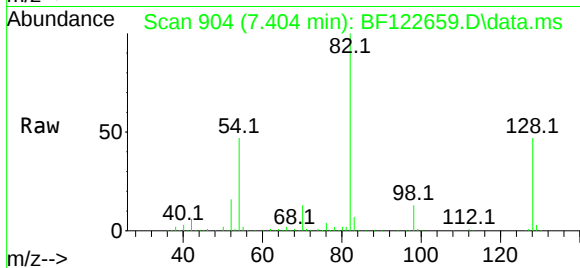
Delta R.T. -0.006 min

Lab File: BF122659.D

Acq: 11 Dec 2020 12:29

Tgt Ion: 82 Resp: 1031057

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.0	55.4
54	46.6	38.4	57.6



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.874 min Scan# 1324

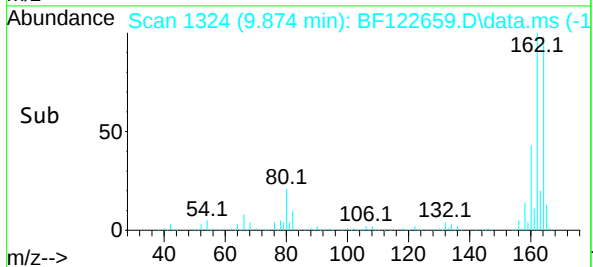
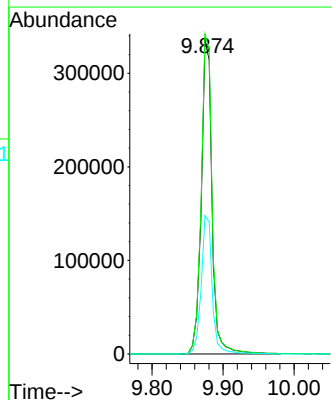
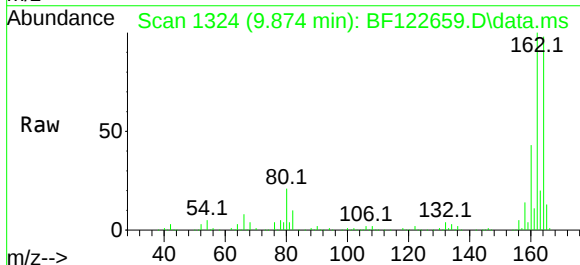
Delta R.T. -0.007 min

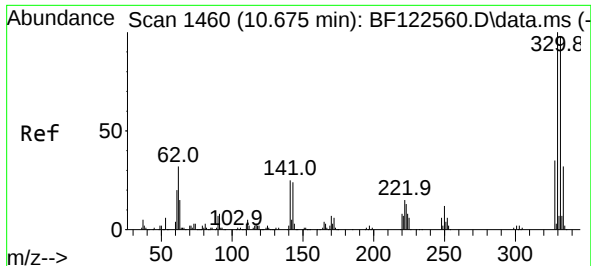
Lab File: BF122659.D

Acq: 11 Dec 2020 12:29

Tgt Ion: 164 Resp: 355902

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.8	121.2
160	44.1	35.4	53.0

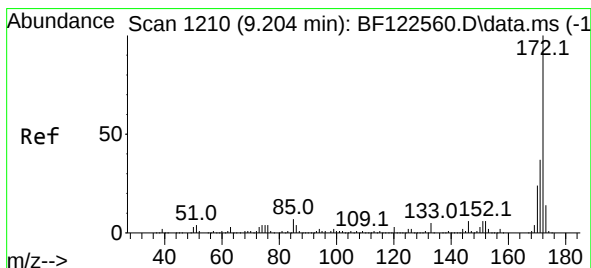
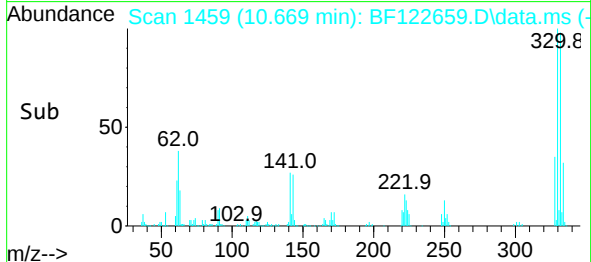
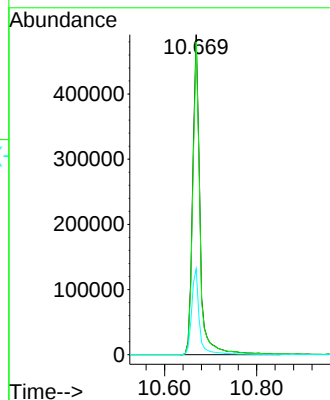
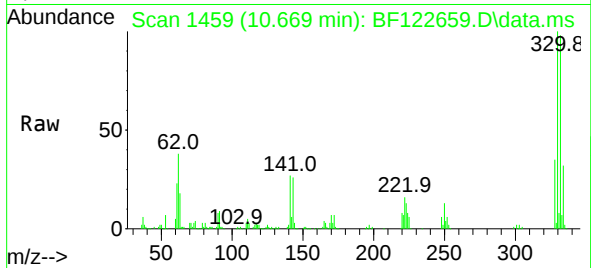




#42
2,4,6-Tribromophenol
Concen: 116.94 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122659.D
Acq: 11 Dec 2020 12:29

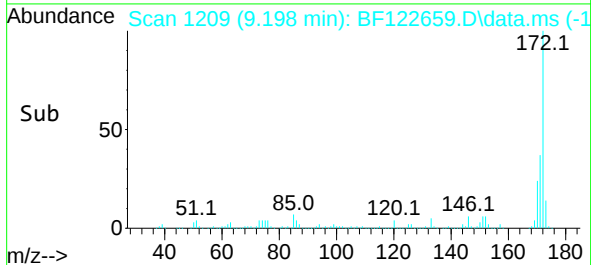
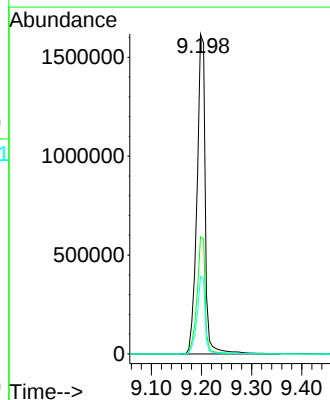
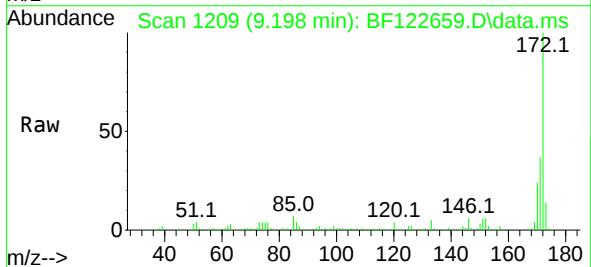
Instrument :
BNA_F
ClientSampleId :
PB133535BL

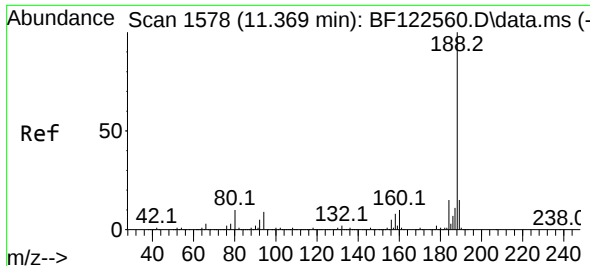
Tgt Ion: 330 Resp: 544775
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 28.1 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 70.90 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122659.D
Acq: 11 Dec 2020 12:29

Tgt Ion: 172 Resp: 1865644
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.3 19.5 29.3

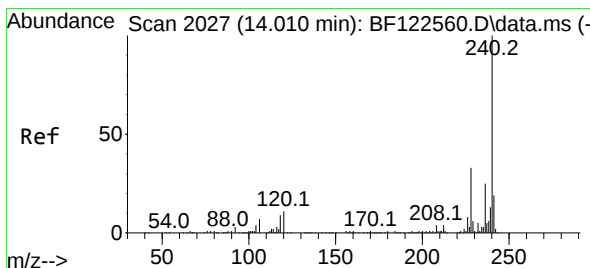
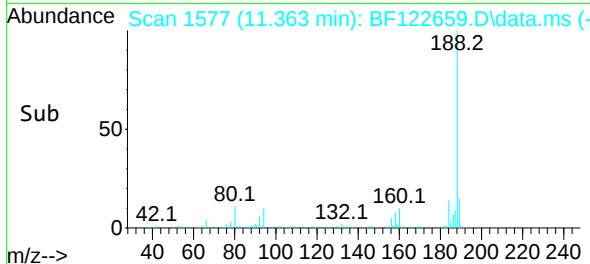
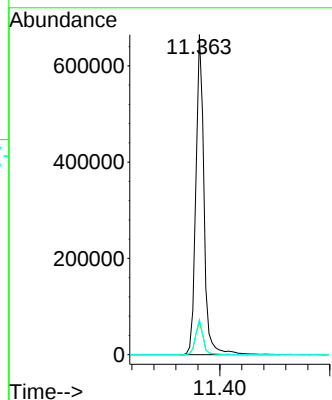
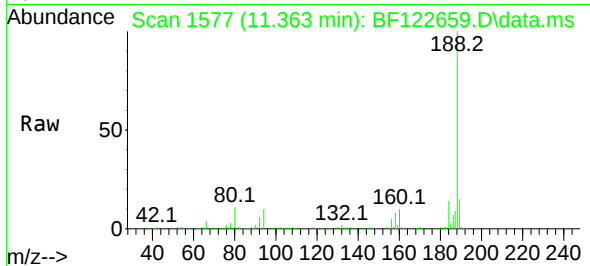




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122659.D
Acq: 11 Dec 2020 12:29

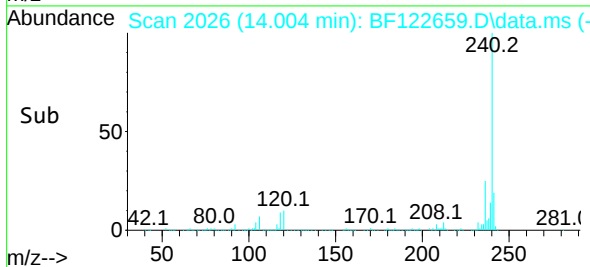
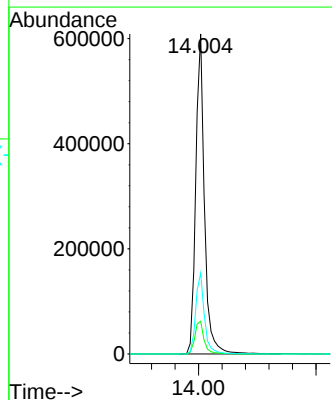
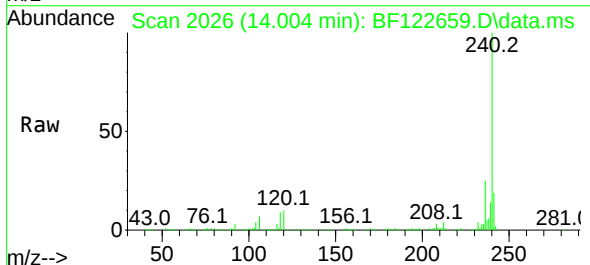
Instrument :
BNA_F
ClientSampleId :
PB133535BL

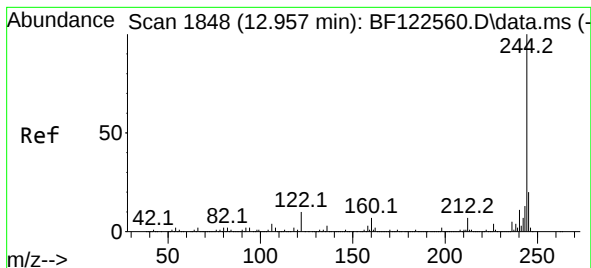
Tgt Ion:188 Resp: 679873
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 11.1 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122659.D
Acq: 11 Dec 2020 12:29

Tgt Ion:240 Resp: 627786
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 25.3 20.3 30.5





#79

Terphenyl-d14

Concen: 60.04 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BF122659.D

Acq: 11 Dec 2020 12:29

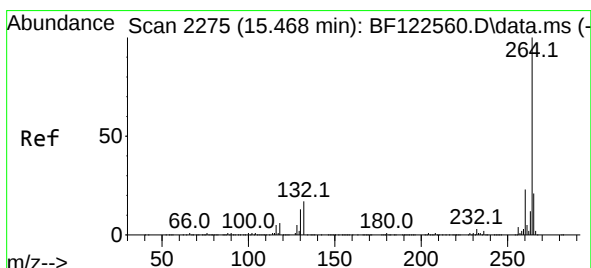
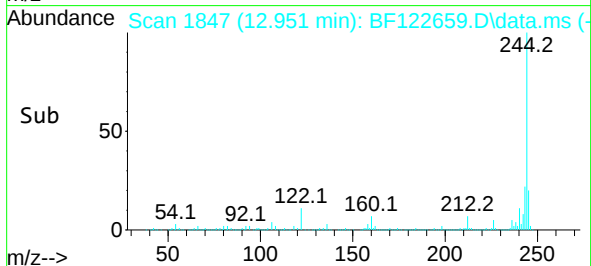
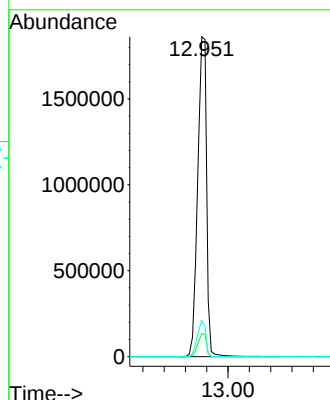
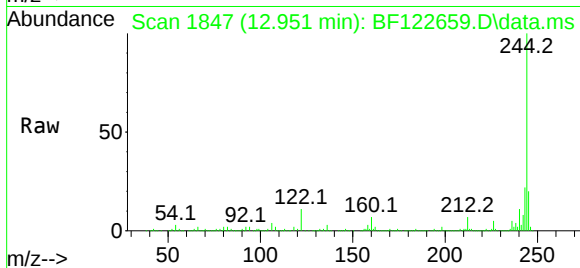
Tgt Ion:244 Resp: 2153480

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 11.2 8.3 12.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.000 min

Lab File: BF122659.D

Acq: 11 Dec 2020 12:29

Tgt Ion:264 Resp: 583541

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.6 17.0 25.6

