

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140814.D
Acq On : 10 Dec 2024 18:52
Operator : RC/JU
Sample : P5216-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

Quant Time: Dec 11 00:34:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	77241	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	287779	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	149416	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	221360	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	132784	20.000	ng	0.00
86) Perylene-d12	15.539	264	93176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	591911	130.750	ng	0.01
7) Phenol-d6	6.516	99	761637	127.261	ng	0.00
23) Nitrobenzene-d5	7.428	82	512314	91.059	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	183970	115.124	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	955523	95.283	ng	-0.02
79) Terphenyl-d14	12.974	244	680976	79.857	ng	-0.02

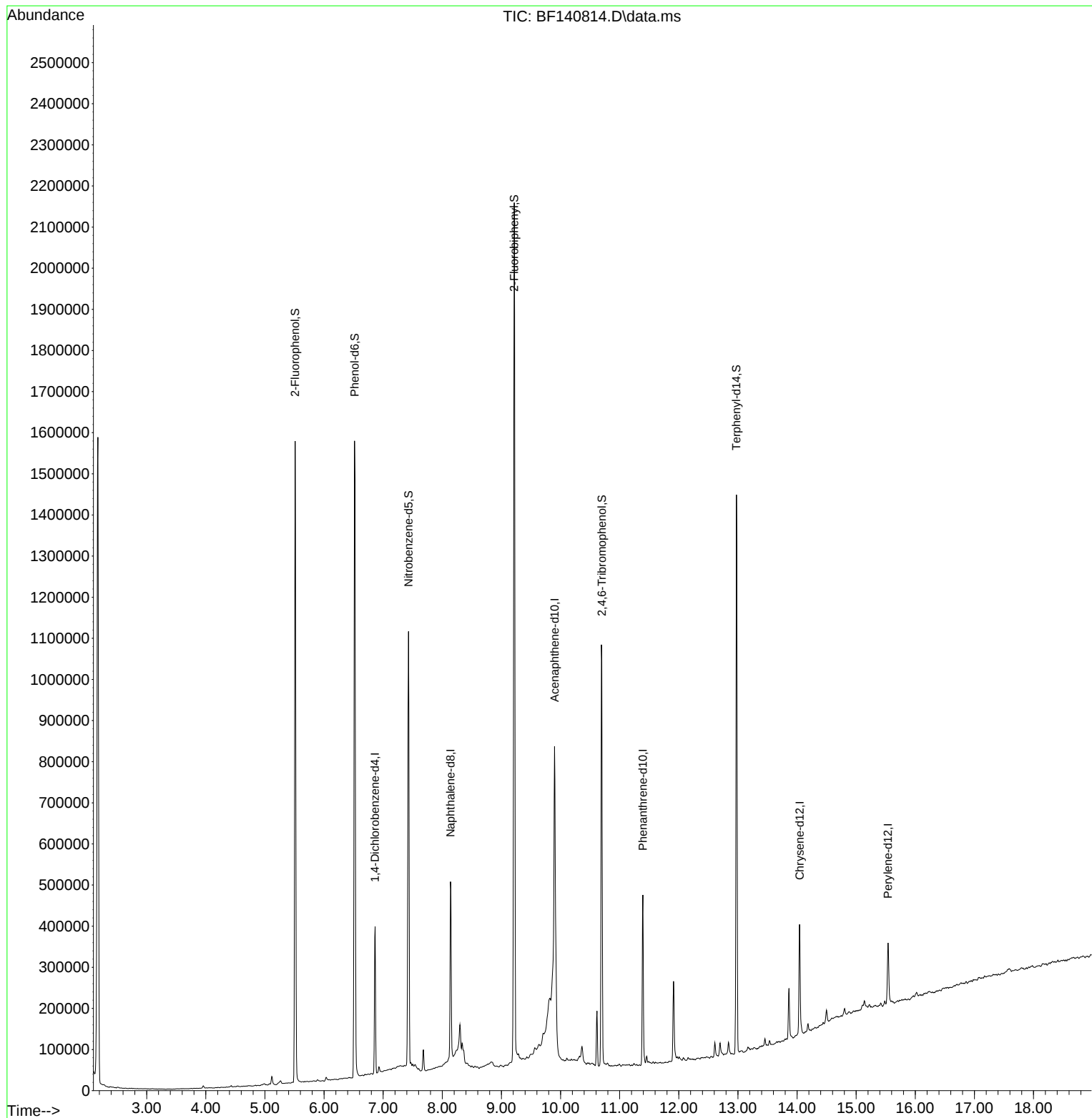
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140814.D
Acq On : 10 Dec 2024 18:52
Operator : RC/JU
Sample : P5216-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

Quant Time: Dec 11 00:34:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

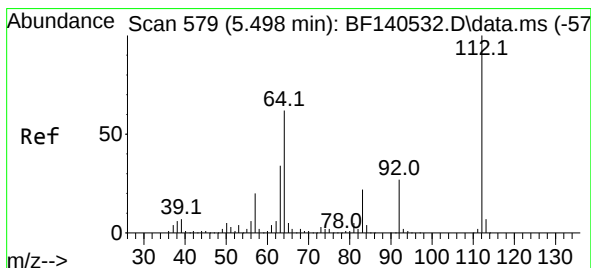
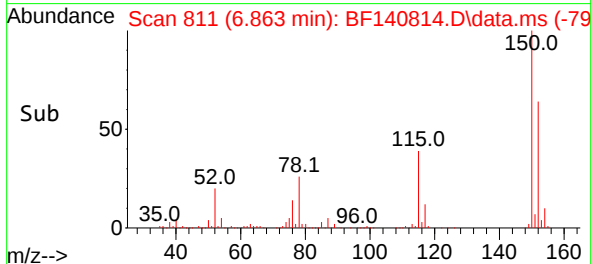
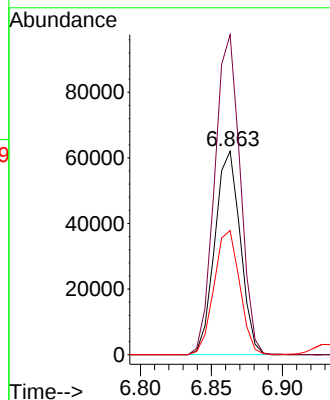
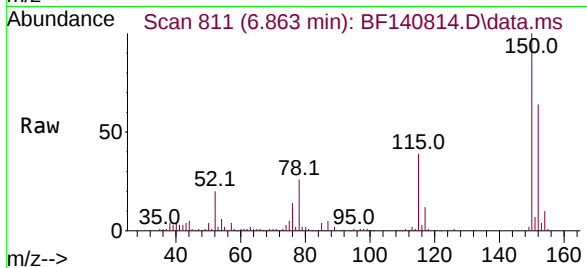




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140814.D
Acq: 10 Dec 2024 18:52

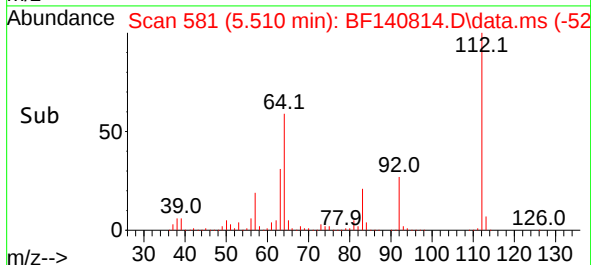
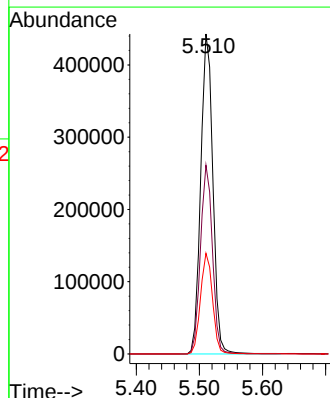
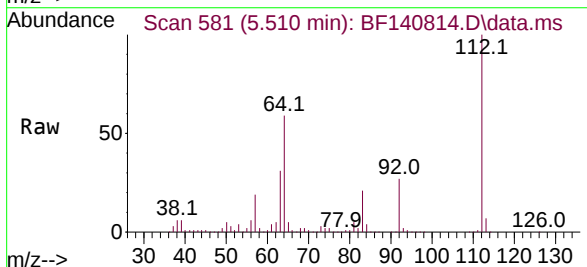
Instrument :
BNA_F
ClientSampleId :
TP-12

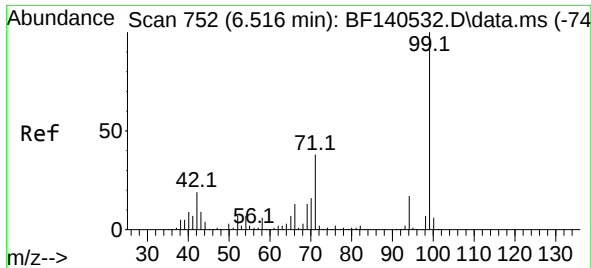
Tgt Ion:152 Resp: 77241
Ion Ratio Lower Upper
152 100
150 157.2 128.5 192.7
115 61.0 50.2 75.4



#5
2-Fluorophenol
Concen: 130.750 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140814.D
Acq: 10 Dec 2024 18:52

Tgt Ion:112 Resp: 591911
Ion Ratio Lower Upper
112 100
64 59.0 49.2 73.8
63 31.5 27.0 40.4





#7

Phenol-d6

Concen: 127.261 ng

RT: 6.516 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF140814.D

Acq: 10 Dec 2024 18:52

Instrument :

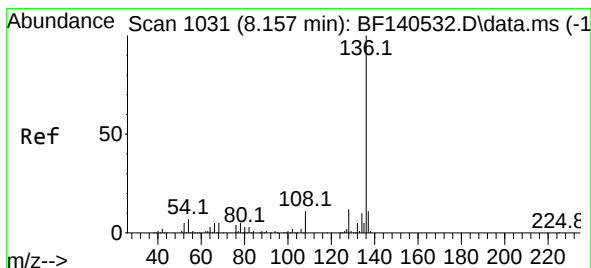
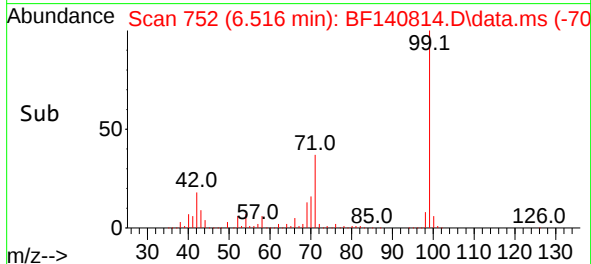
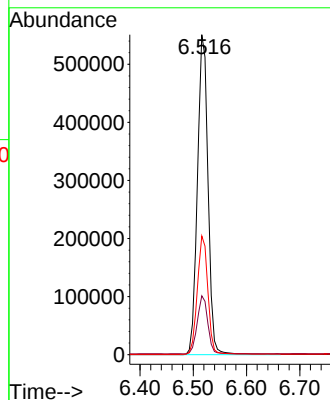
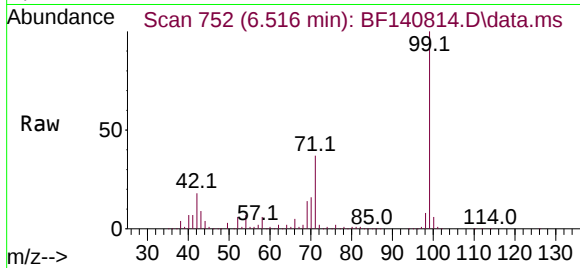
BNA_F

ClientSampleId :

TP-12

Tgt Ion: 99 Resp: 761637

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.4	23.0
71	37.1	30.6	46.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 1028

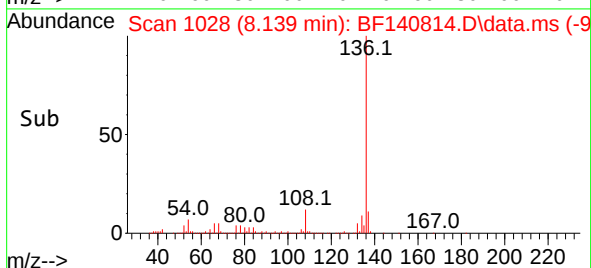
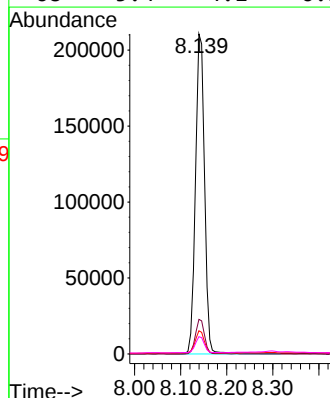
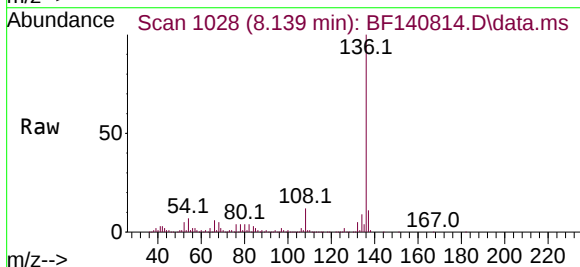
Delta R.T. -0.018 min

Lab File: BF140814.D

Acq: 10 Dec 2024 18:52

Tgt Ion: 136 Resp: 287779

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.2	5.8	8.8
68	5.4	4.1	6.1

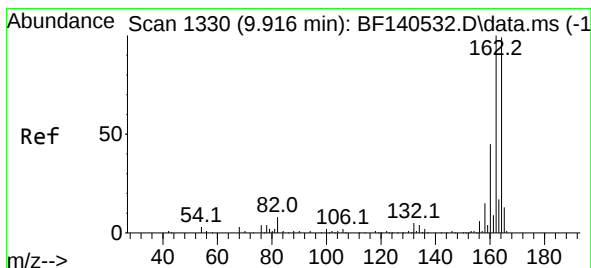
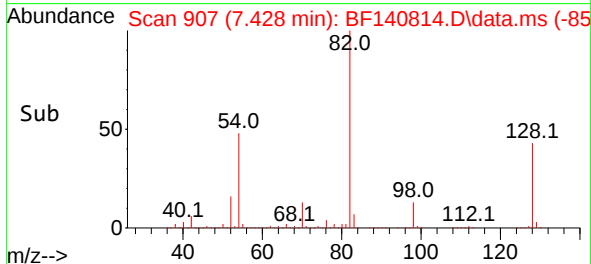
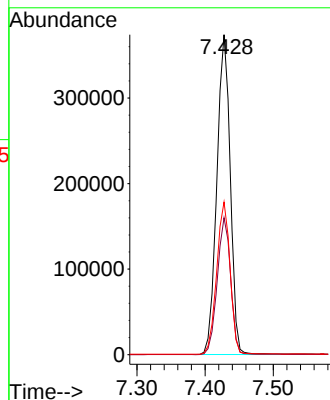
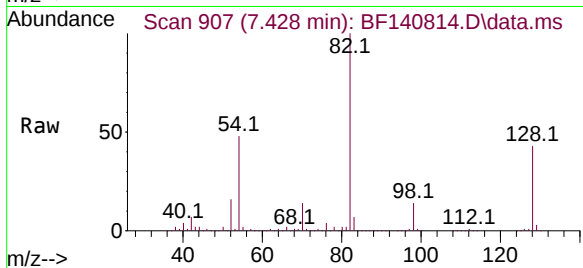




#23
Nitrobenzene-d5
Concen: 91.059 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140814.D
Acq: 10 Dec 2024 18:52

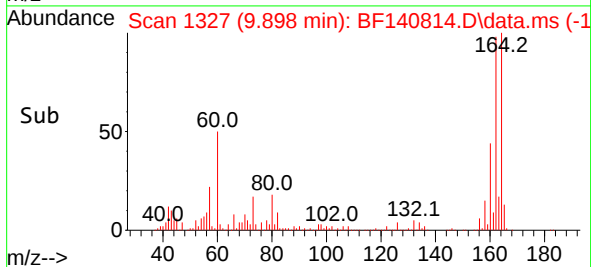
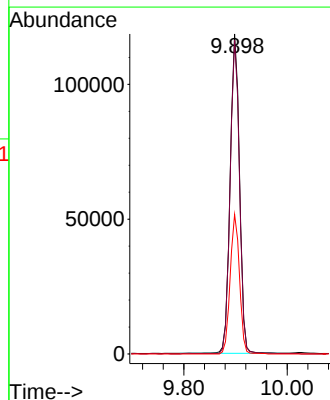
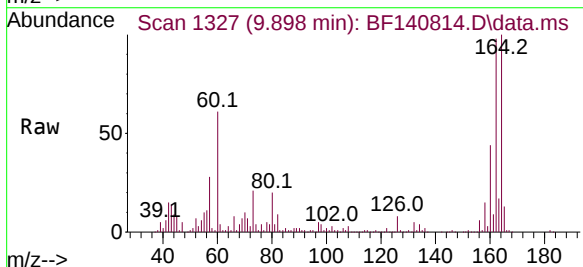
Instrument :
BNA_F
ClientSampleId :
TP-12

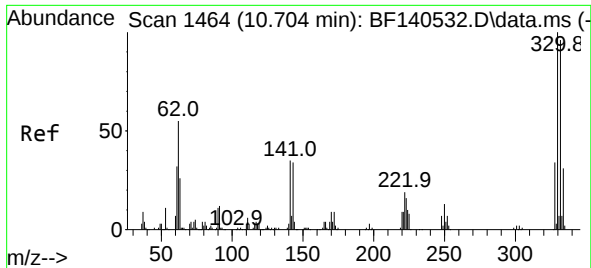
Tgt Ion: 82 Resp: 512314
Ion Ratio Lower Upper
82 100
128 42.8 33.0 49.4
54 47.7 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF140814.D
Acq: 10 Dec 2024 18:52

Tgt Ion:164 Resp: 149416
Ion Ratio Lower Upper
164 100
162 98.0 80.6 120.8
160 43.6 36.2 54.4

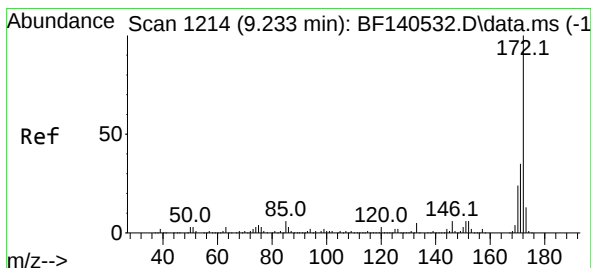
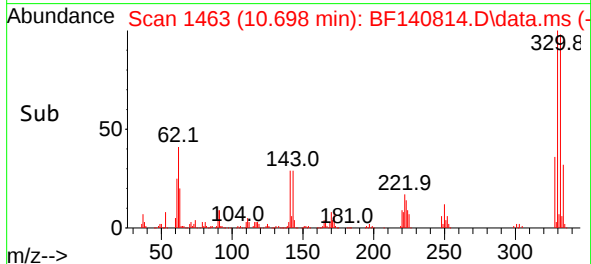
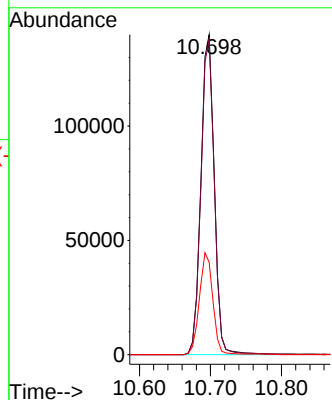
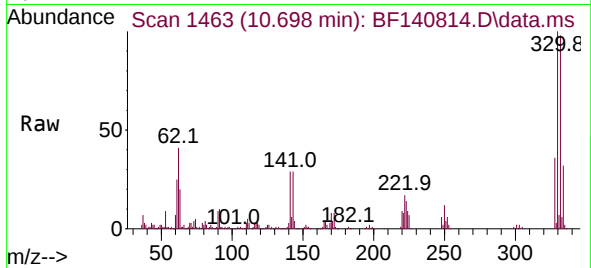




#42
2,4,6-Tribromophenol
Concen: 115.124 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140814.D
Acq: 10 Dec 2024 18:52

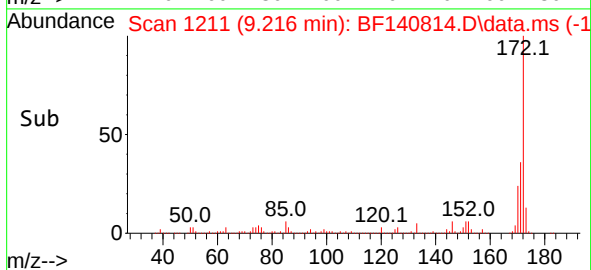
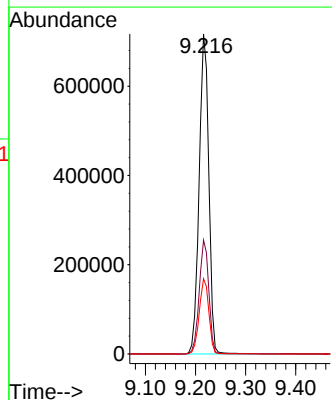
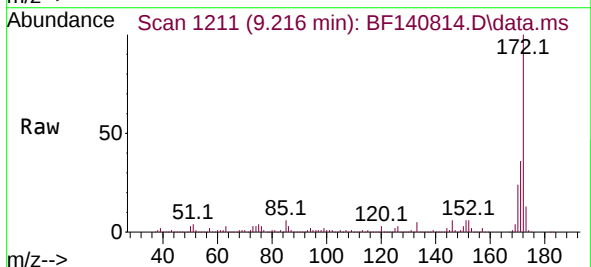
Instrument :
BNA_F
ClientSampleId :
TP-12

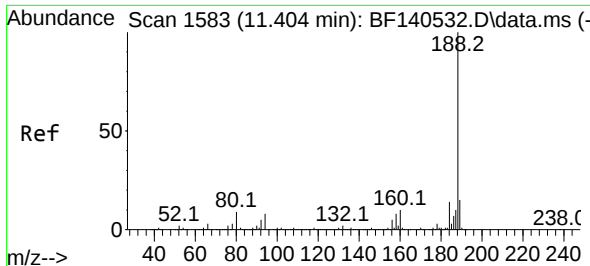
Tgt Ion:330 Resp: 183970
Ion Ratio Lower Upper
330 100
332 98.5 76.9 115.3
141 31.9 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 95.283 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.018 min
Lab File: BF140814.D
Acq: 10 Dec 2024 18:52

Tgt Ion:172 Resp: 955523
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.5 19.0 28.6

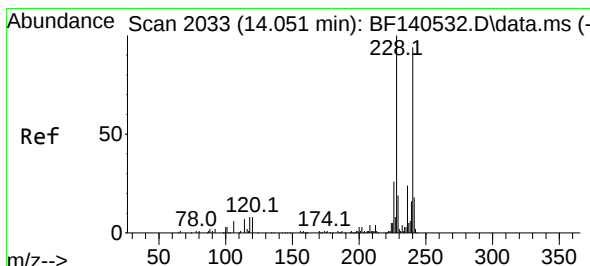
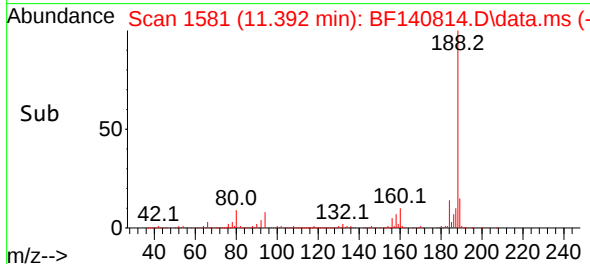
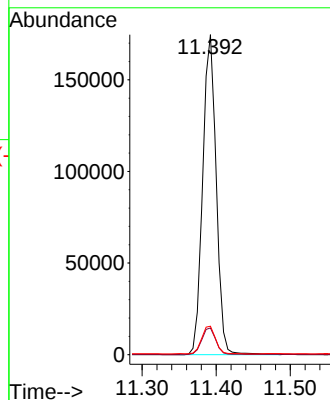
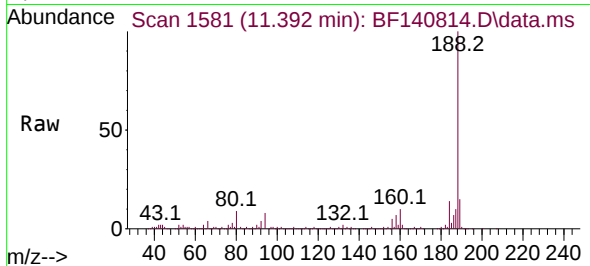




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140814.D
Acq: 10 Dec 2024 18:52

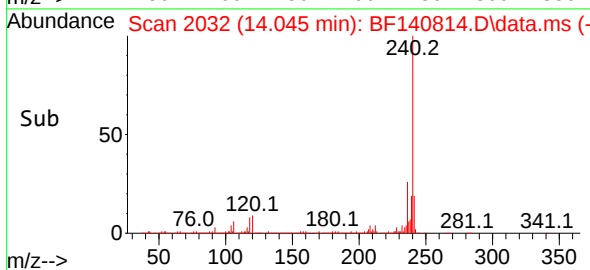
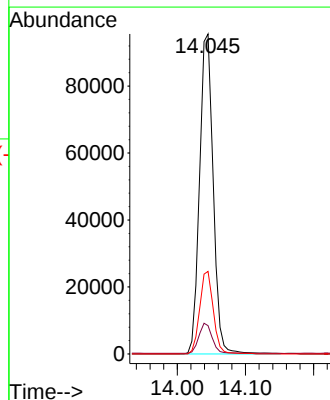
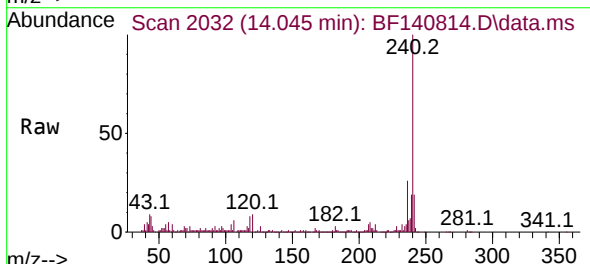
Instrument :
BNA_F
ClientSampleId :
TP-12

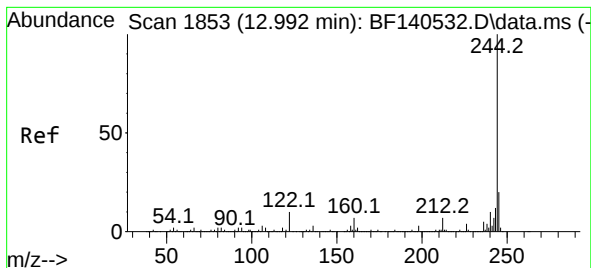
Tgt Ion:188 Resp: 221360
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 8.9 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140814.D
Acq: 10 Dec 2024 18:52

Tgt Ion:240 Resp: 132784
Ion Ratio Lower Upper
240 100
120 8.8 7.3 10.9
236 25.8 20.6 31.0





#79

Terphenyl-d14

Concen: 79.857 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.018 min

Lab File: BF140814.D

Acq: 10 Dec 2024 18:52

Instrument :

BNA_F

ClientSampleId :

TP-12

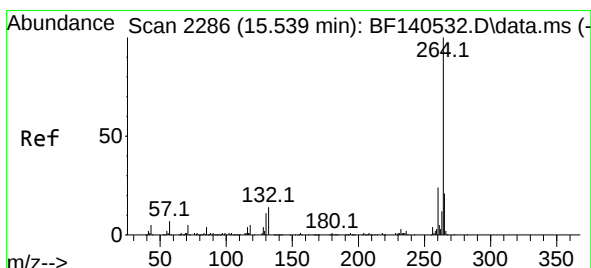
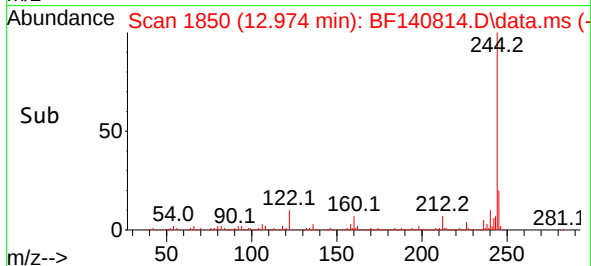
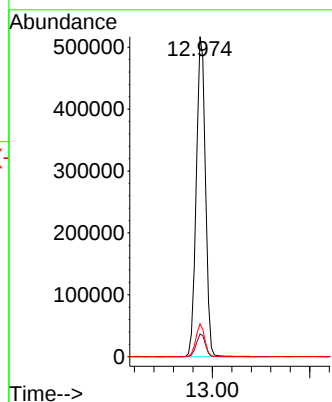
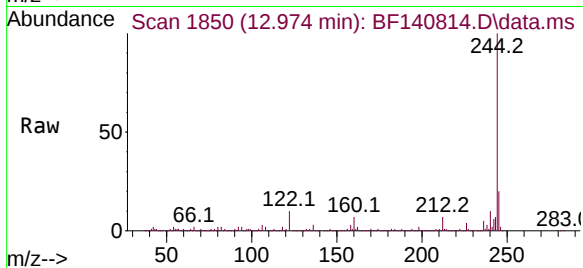
Tgt Ion:244 Resp: 680976

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.3 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.000 min

Lab File: BF140814.D

Acq: 10 Dec 2024 18:52

Tgt Ion:264 Resp: 93176

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 21.6 16.6 25.0

