

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140543.D
 Acq On : 21 Nov 2024 18:48
 Operator : RC/JU
 Sample : P4870-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Quant Time: Nov 22 00:10:15 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)

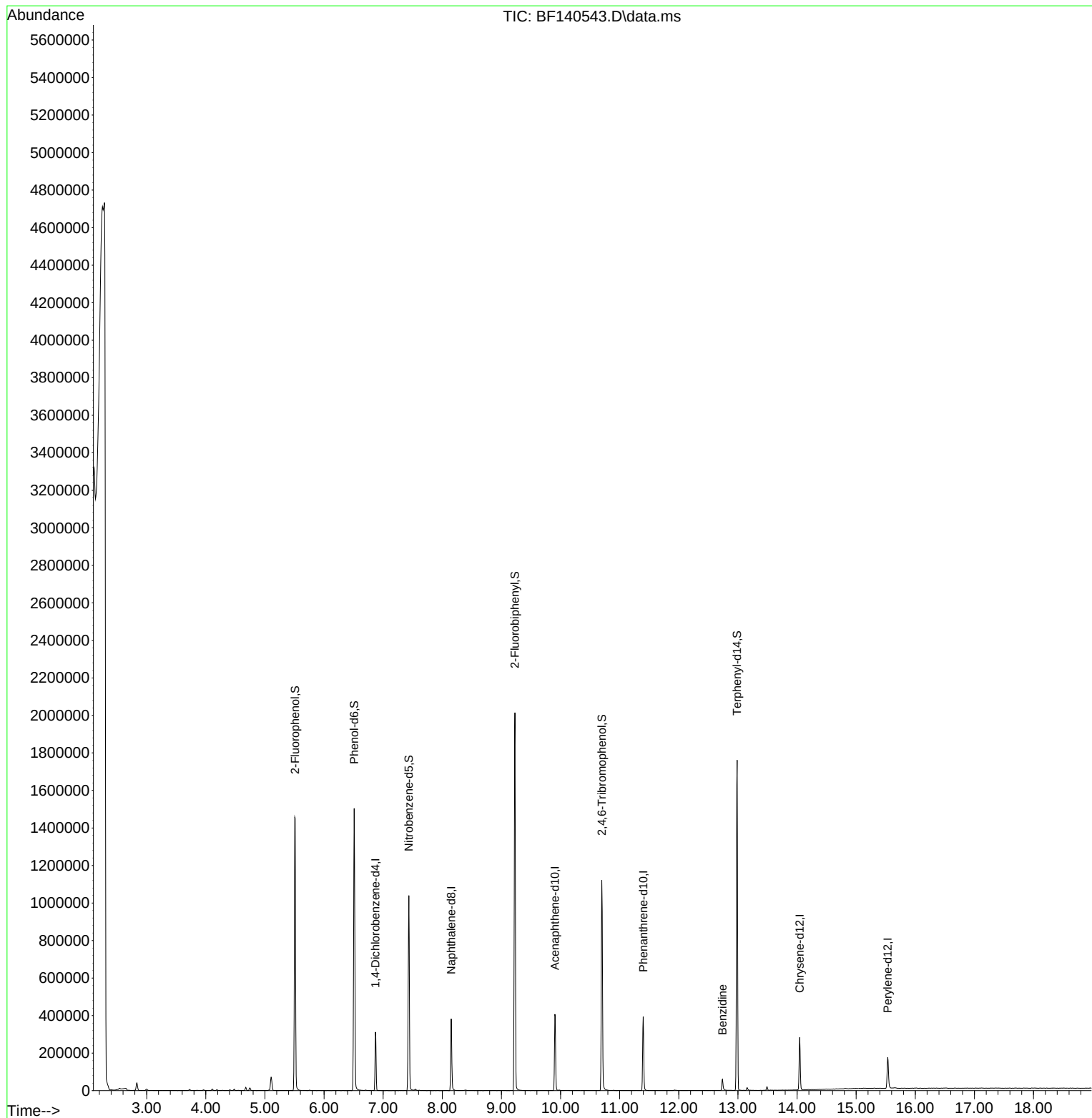
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	65191	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	244818	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	129132	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	219837	20.000	ng	0.00
76) Chrysene-d12	14.045	240	141737	20.000	ng	0.00
86) Perylene-d12	15.533	264	107747	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	555648	145.427	ng	0.01
7) Phenol-d6	6.510	99	710279	140.616	ng	0.00
23) Nitrobenzene-d5	7.434	82	480493	100.390	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	195610	141.636	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	889626	102.646	ng	0.00
79) Terphenyl-d14	12.986	244	872295	95.831	ng	0.00
Target Compounds						
77) Benzidine	12.739	184	42326	10.271	ng	Qvalue 99

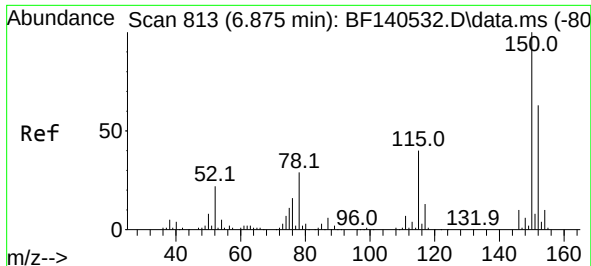
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140543.D
Acq On : 21 Nov 2024 18:48
Operator : RC/JU
Sample : P4870-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15

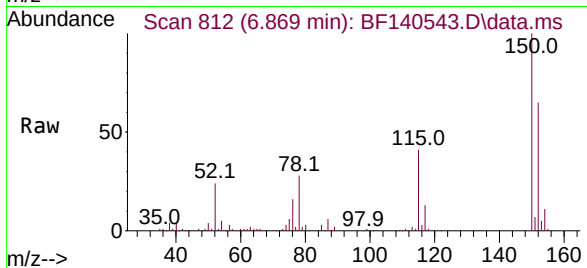
Quant Time: Nov 22 00:10:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



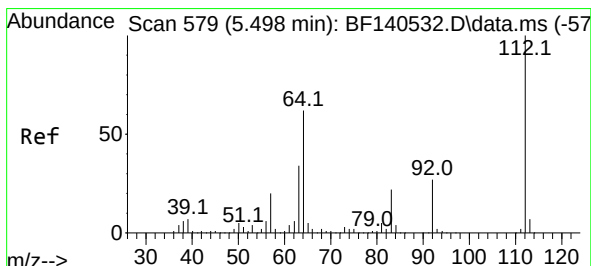
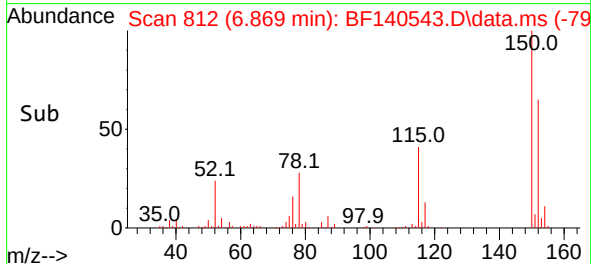
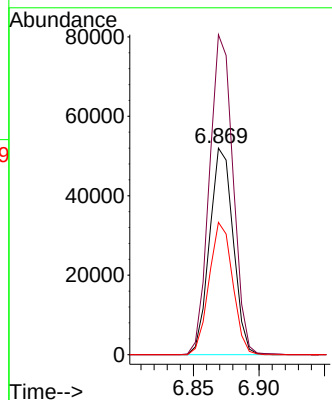


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140543.D
Acq: 21 Nov 2024 18:48

Instrument :
BNA_F
ClientSampleId :
TP-15

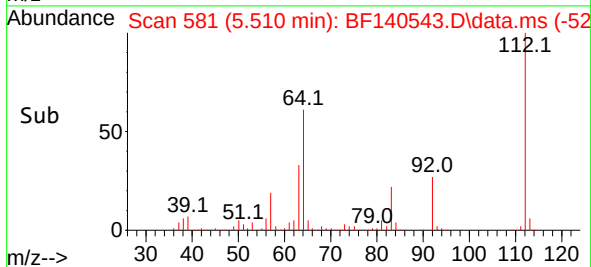
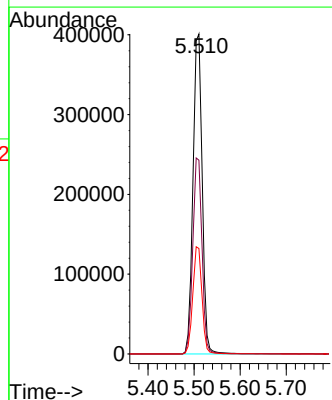
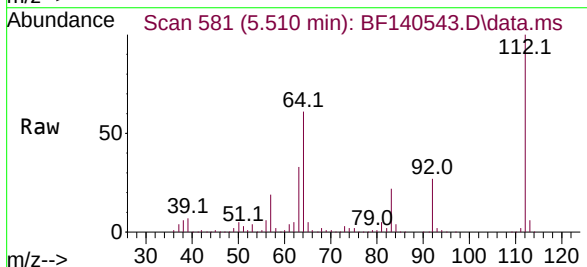


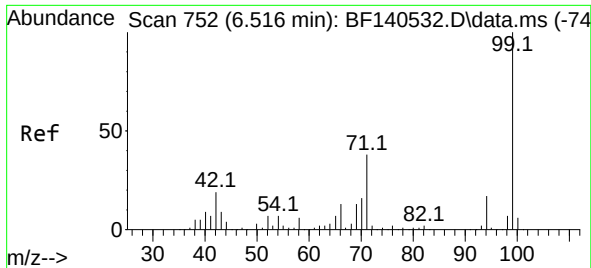
Tgt Ion:152 Resp: 65191
Ion Ratio Lower Upper
152 100
150 154.9 128.5 192.7
115 64.1 50.2 75.4



#5
2-Fluorophenol
Concen: 145.427 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140543.D
Acq: 21 Nov 2024 18:48

Tgt Ion:112 Resp: 555648
Ion Ratio Lower Upper
112 100
64 60.5 49.2 73.8
63 33.0 27.0 40.4

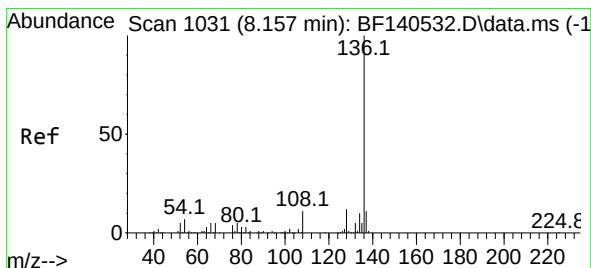
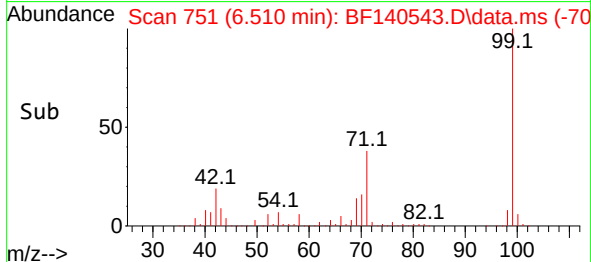
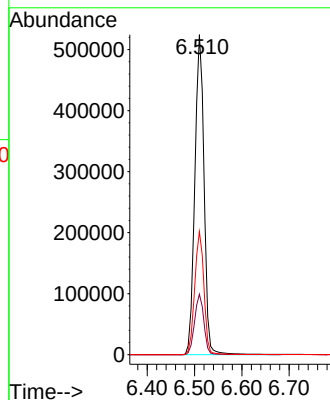
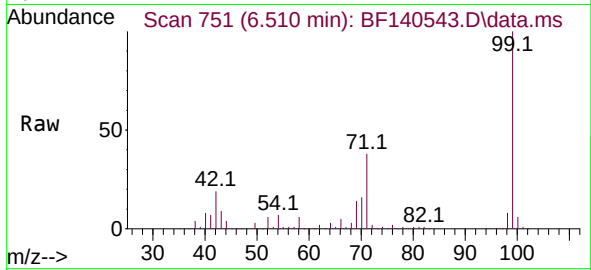




#7
Phenol-d6
Concen: 140.616 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140543.D
Acq: 21 Nov 2024 18:48

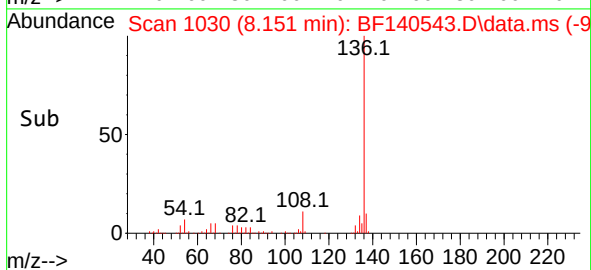
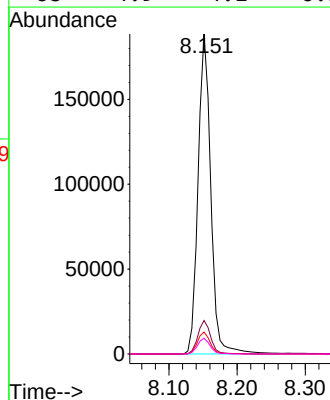
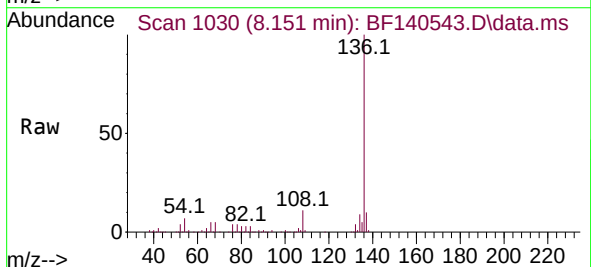
Instrument :
BNA_F
ClientSampleId :
TP-15

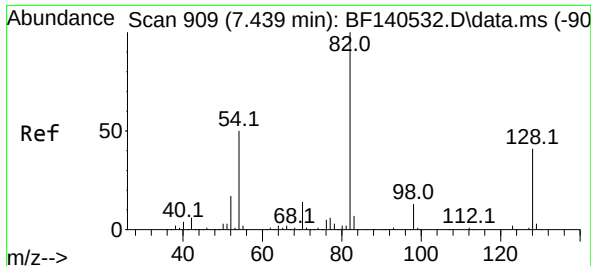
Tgt Ion: 99 Resp: 710279
Ion Ratio Lower Upper
99 100
42 18.9 15.4 23.0
71 38.5 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140543.D
Acq: 21 Nov 2024 18:48

Tgt Ion: 136 Resp: 244818
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 6.9 5.8 8.8
68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 100.390 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140543.D

Acq: 21 Nov 2024 18:48

Instrument :

BNA_F

ClientSampleId :

TP-15

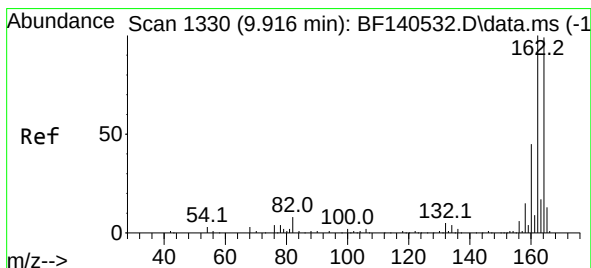
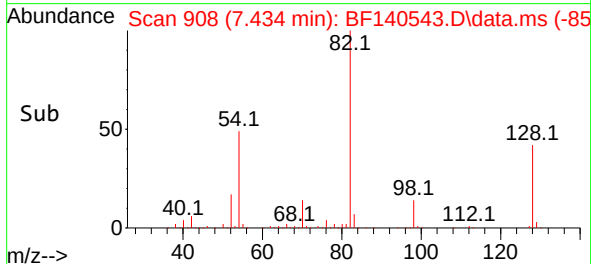
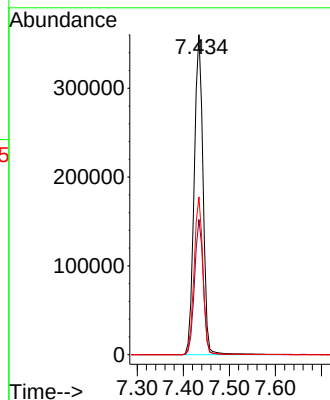
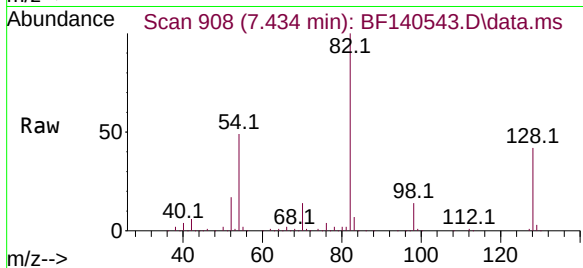
Tgt Ion: 82 Resp: 480493

Ion Ratio Lower Upper

82 100

128 42.2 33.0 49.4

54 49.3 39.5 59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF140543.D

Acq: 21 Nov 2024 18:48

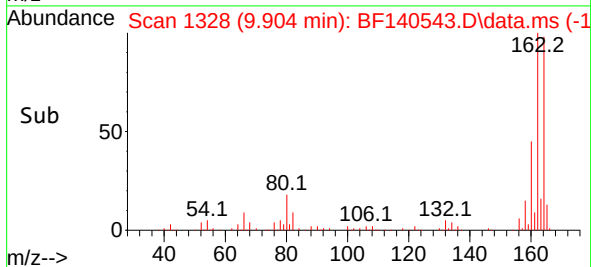
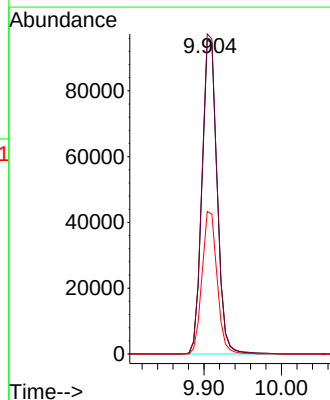
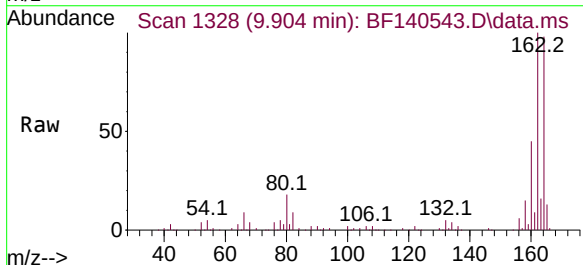
Tgt Ion:164 Resp: 129132

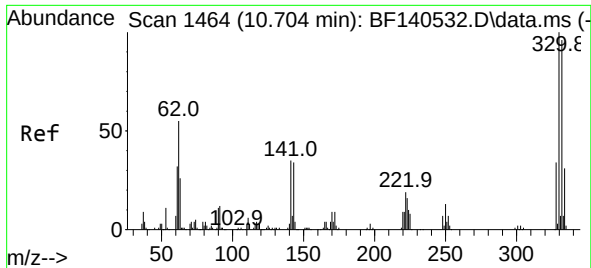
Ion Ratio Lower Upper

164 100

162 102.0 80.6 120.8

160 45.4 36.2 54.4

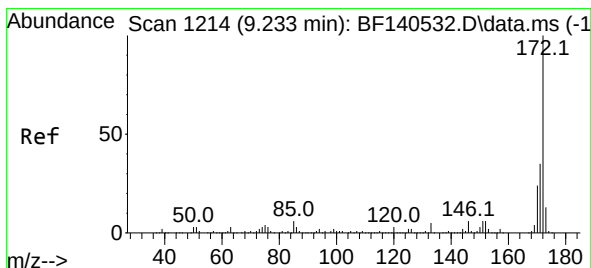
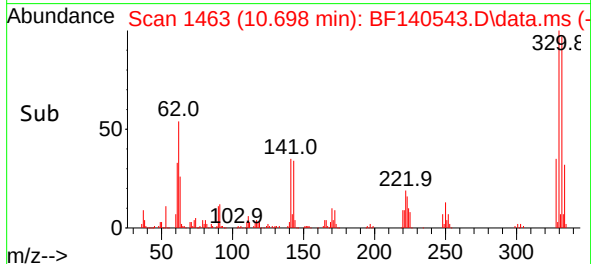
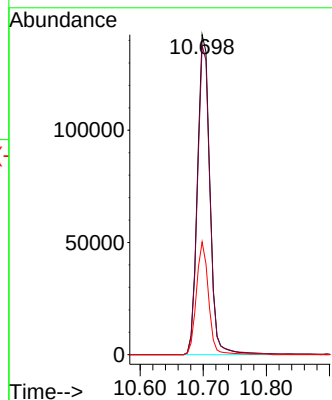
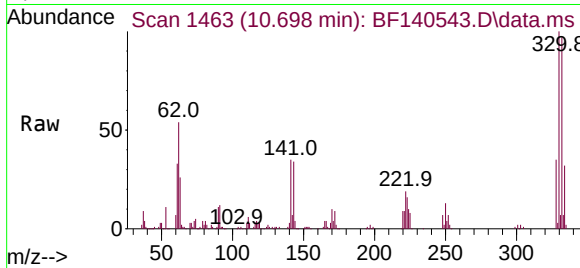




#42
2,4,6-Tribromophenol
Concen: 141.636 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140543.D
Acq: 21 Nov 2024 18:48

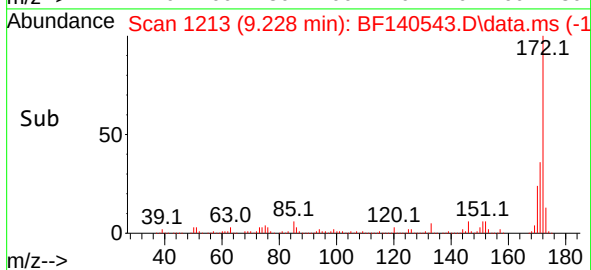
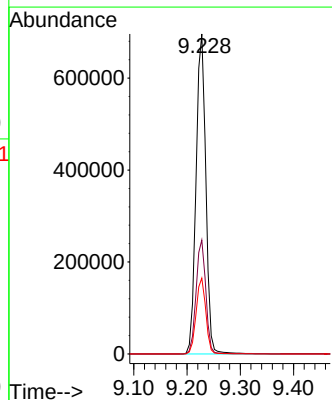
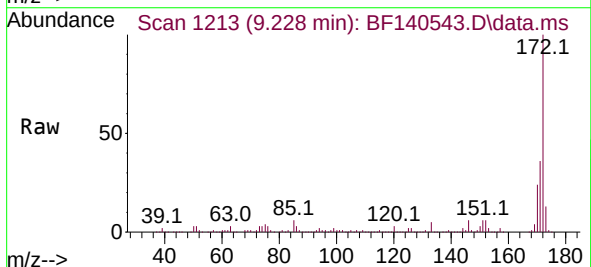
Instrument :
BNA_F
ClientSampleId :
TP-15

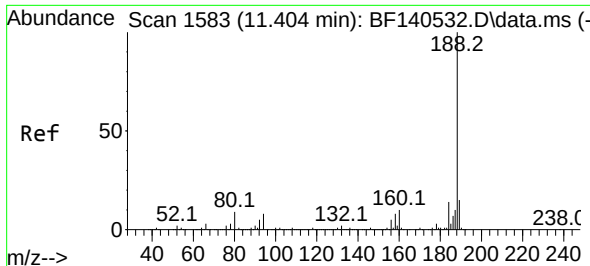
Tgt Ion:330 Resp: 195610
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 34.3 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 102.646 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140543.D
Acq: 21 Nov 2024 18:48

Tgt Ion:172 Resp: 889626
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.7 19.0 28.6

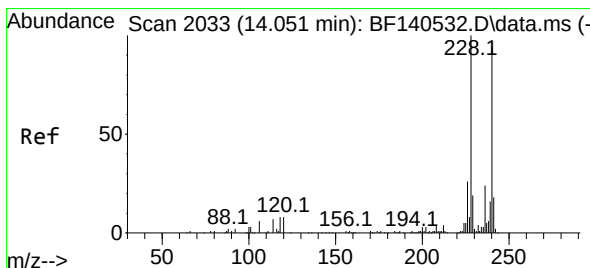
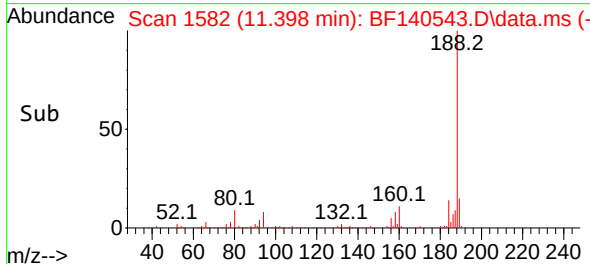
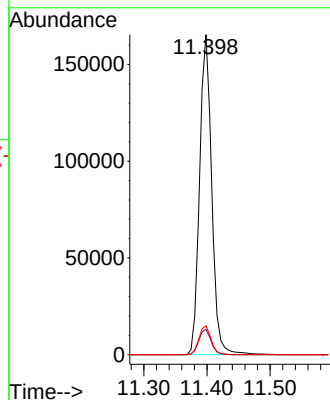
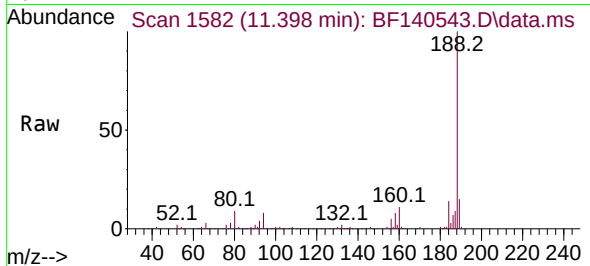




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140543.D
Acq: 21 Nov 2024 18:48

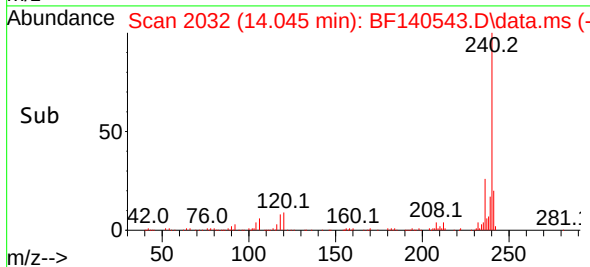
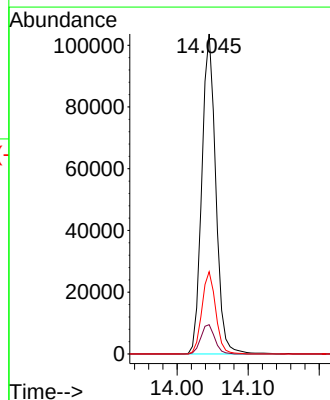
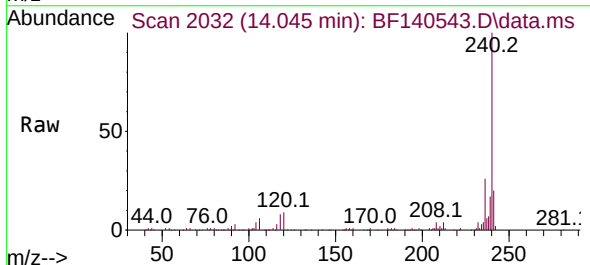
Instrument :
BNA_F
ClientSampleId :
TP-15

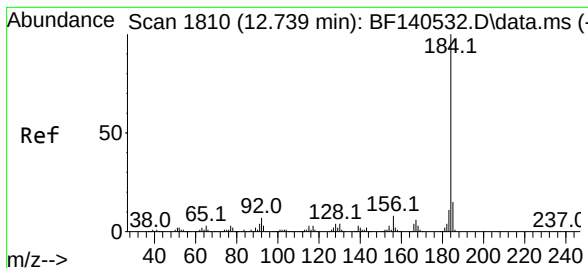
Tgt Ion:188 Resp: 219837
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 9.0 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140543.D
Acq: 21 Nov 2024 18:48

Tgt Ion:240 Resp: 141737
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 25.7 20.6 31.0





#77

Benzidine

Concen: 10.271 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140543.D

Acq: 21 Nov 2024 18:48

Instrument :

BNA_F

ClientSampleId :

TP-15

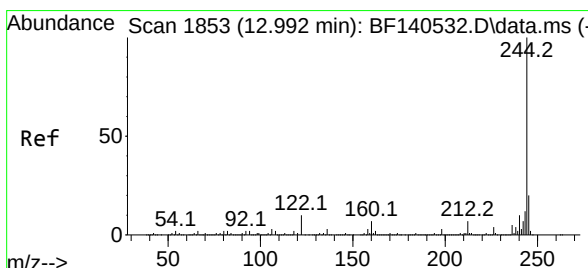
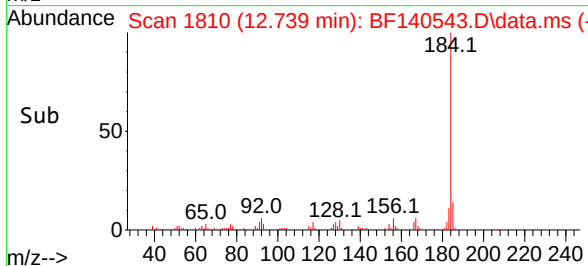
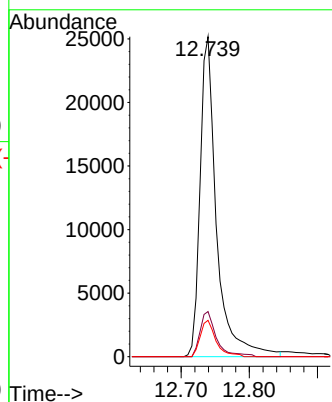
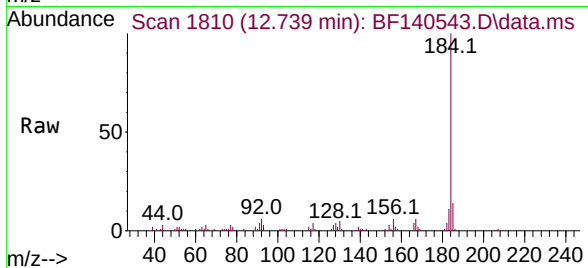
Tgt Ion:184 Resp: 42326

Ion Ratio Lower Upper

184 100

185 14.1 11.7 17.5

183 11.3 8.8 13.2



#79

Terphenyl-d14

Concen: 95.831 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140543.D

Acq: 21 Nov 2024 18:48

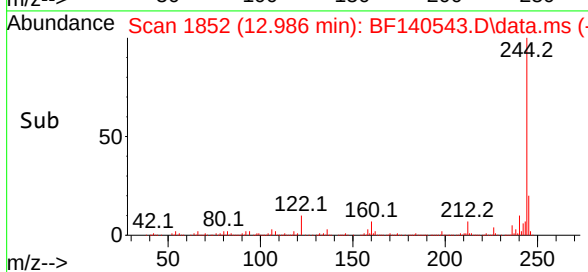
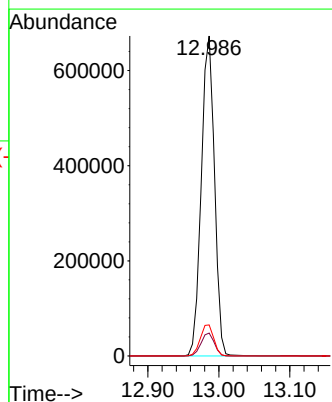
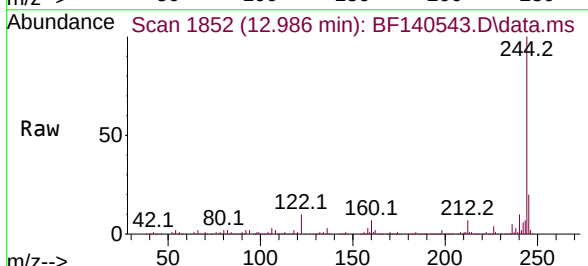
Tgt Ion:244 Resp: 872295

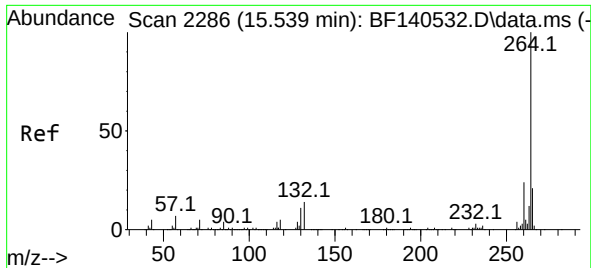
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.7 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140543.D

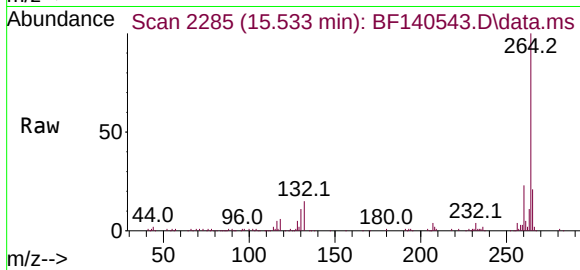
Acq: 21 Nov 2024 18:48

Instrument :

BNA_F

ClientSampleId :

TP-15



Tgt Ion:264 Resp: 107747

Ion Ratio Lower Upper

264 100

260 22.7 19.0 28.6

265 21.0 16.6 25.0

