

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030525\
 Data File : BF141838.D
 Acq On : 05 Mar 2025 11:45
 Operator : RC/JU
 Sample : Q1480-17DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3DL

Quant Time: Mar 05 12:18:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

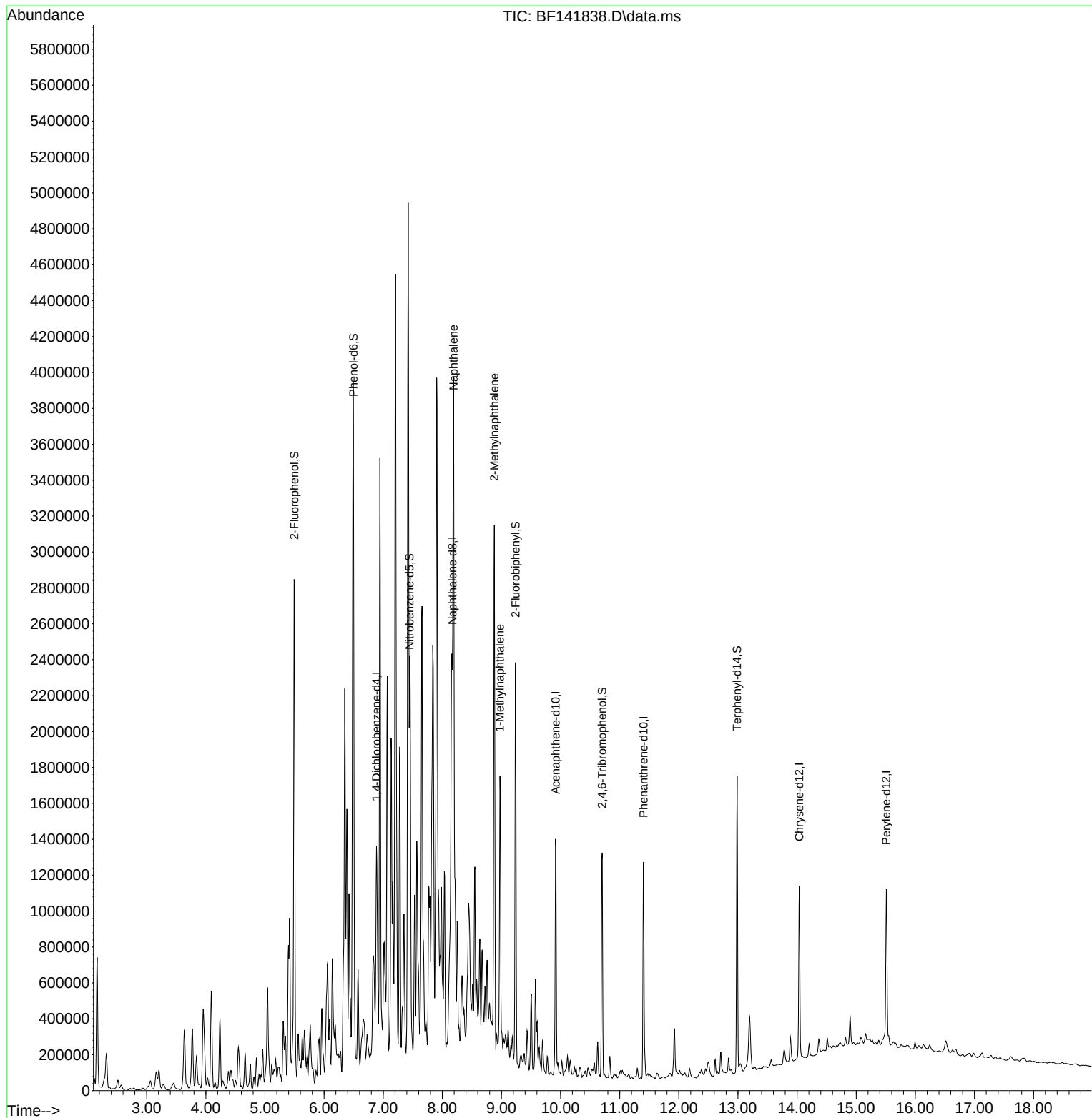
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	204132	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	734332	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	391329	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	594460	20.000	ng	0.00
76) Chrysene-d12	14.039	240	447650	20.000	ng	-0.01
86) Perylene-d12	15.509	264	484659	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	699188	54.700	ng	0.00
7) Phenol-d6	6.498	99	861154	51.760	ng	-0.01
23) Nitrobenzene-d5	7.445	82	557714	48.546	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	199920	54.417	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	952421	39.025	ng	0.00
79) Terphenyl-d14	12.986	244	772476	27.919	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	8.192	128	1653086	43.800	ng	99
37) 2-Methylnaphthalene	8.880	142	1115723	45.070	ng	100
38) 1-Methylnaphthalene	8.975	142	544915	22.941	ng	99

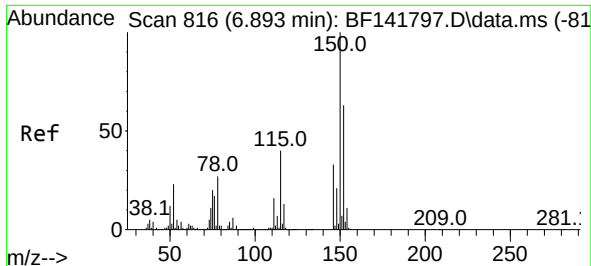
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030525\
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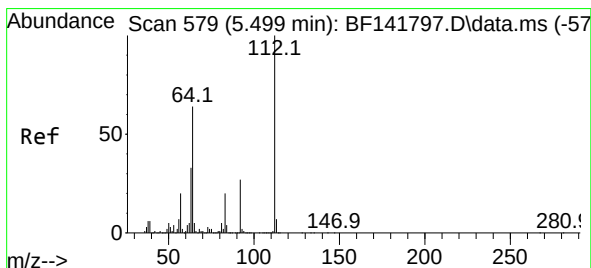
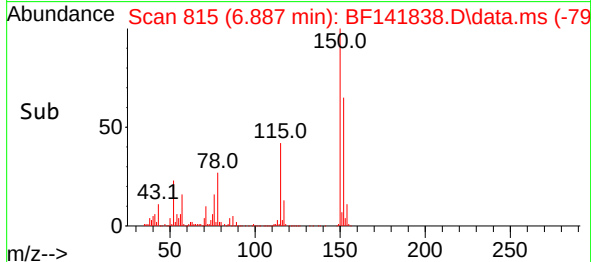
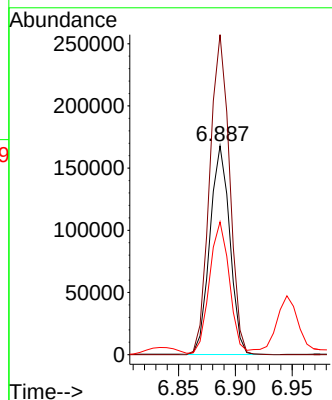
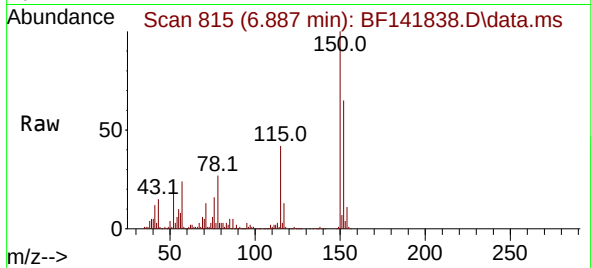




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF141838.D
 Acq: 05 Mar 2025 11:45

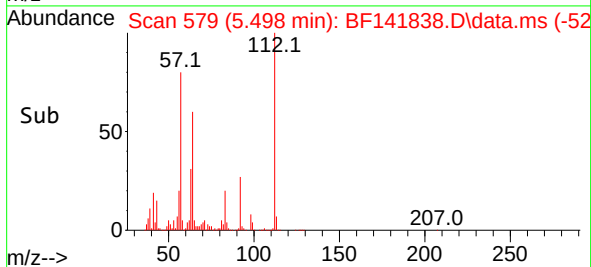
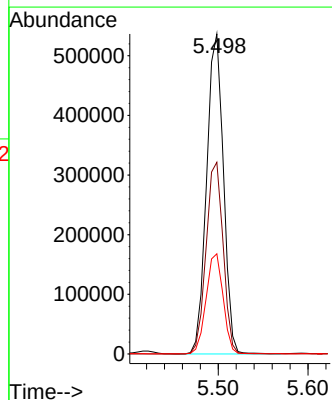
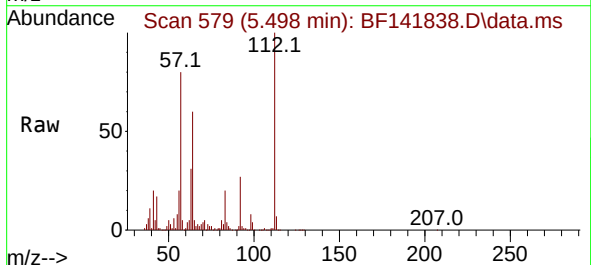
Instrument :
 BNA_F
 ClientSampleId :
 TP-3DL

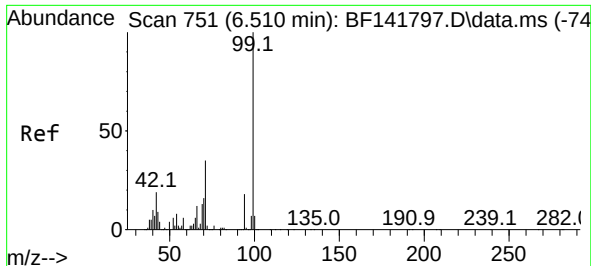
Tgt Ion:152 Resp: 204132
 Ion Ratio Lower Upper
 152 100
 150 153.3 127.5 191.3
 115 63.6 51.4 77.2



#5
 2-Fluorophenol
 Concen: 54.700 ng
 RT: 5.498 min Scan# 579
 Delta R.T. -0.000 min
 Lab File: BF141838.D
 Acq: 05 Mar 2025 11:45

Tgt Ion:112 Resp: 699188
 Ion Ratio Lower Upper
 112 100
 64 59.9 51.3 76.9
 63 31.3 26.2 39.4

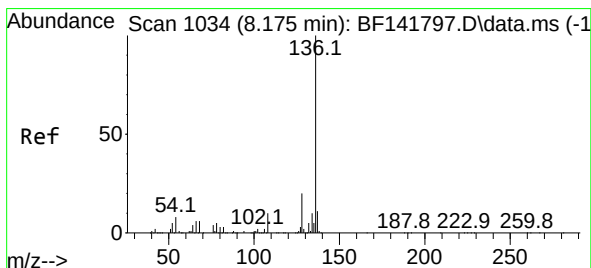
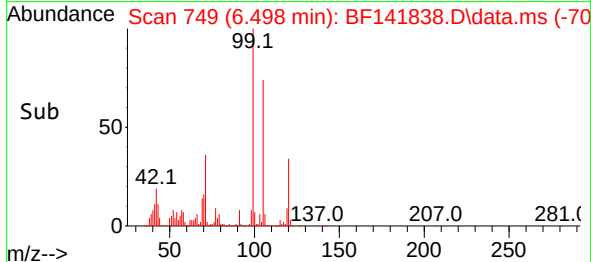
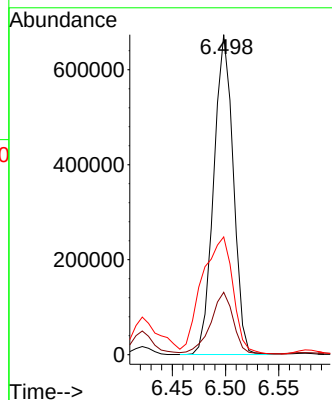
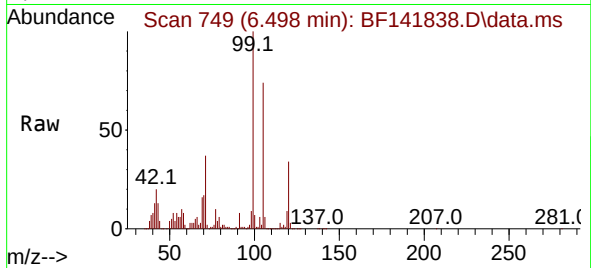




#7
Phenol-d6
Concen: 51.760 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF141838.D
Acq: 05 Mar 2025 11:45

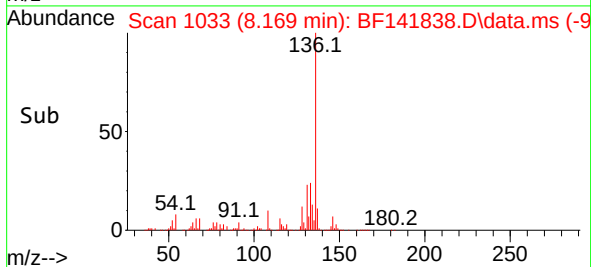
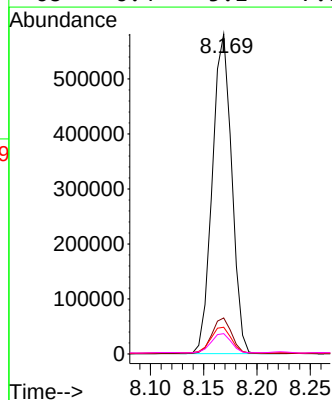
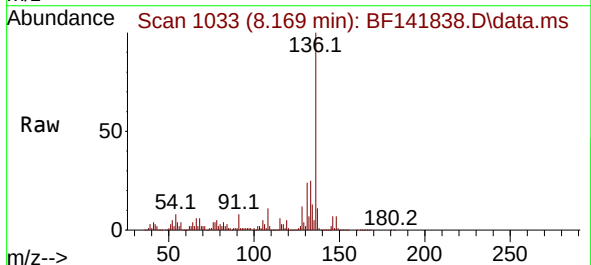
Instrument :
BNA_F
ClientSampleId :
TP-3DL

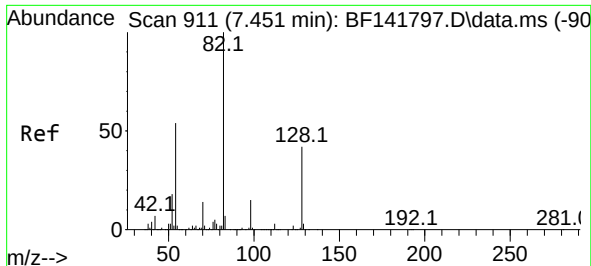
Tgt Ion: 99 Resp: 861154
Ion Ratio Lower Upper
99 100
42 19.5 15.2 22.8
71 36.8 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF141838.D
Acq: 05 Mar 2025 11:45

Tgt Ion:136 Resp: 734332
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.3 6.9 10.3
68 6.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 48.546 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141838.D

Acq: 05 Mar 2025 11:45

Instrument :

BNA_F

ClientSampleId :

TP-3DL

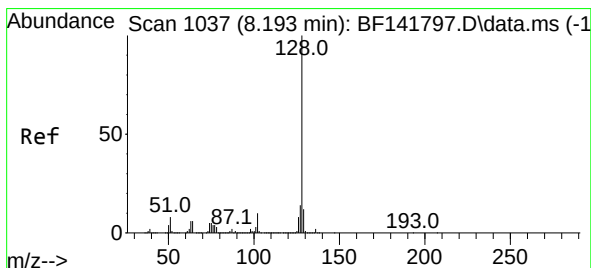
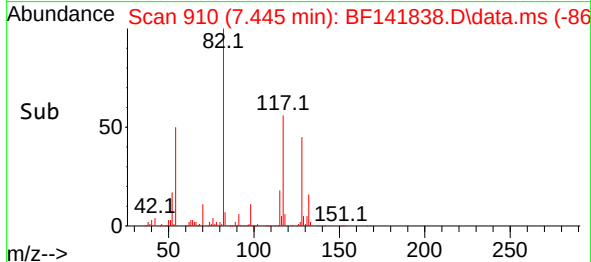
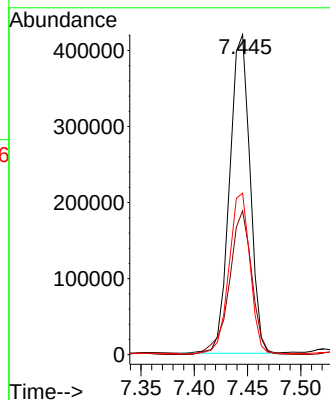
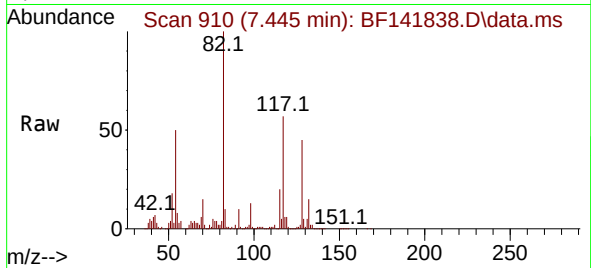
Tgt Ion: 82 Resp: 557714

Ion Ratio Lower Upper

82 100

128 44.9 33.5 50.3

54 50.5 42.7 64.1



#31

Naphthalene

Concen: 43.800 ng

RT: 8.192 min Scan# 1037

Delta R.T. -0.000 min

Lab File: BF141838.D

Acq: 05 Mar 2025 11:45

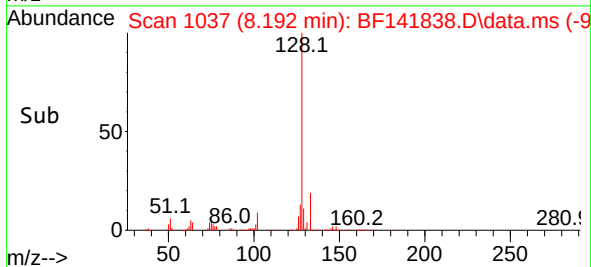
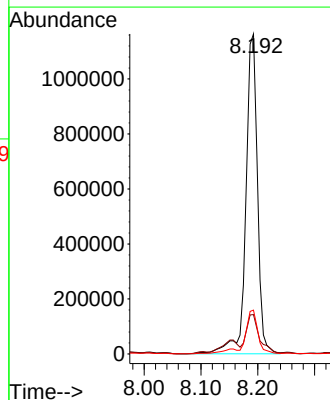
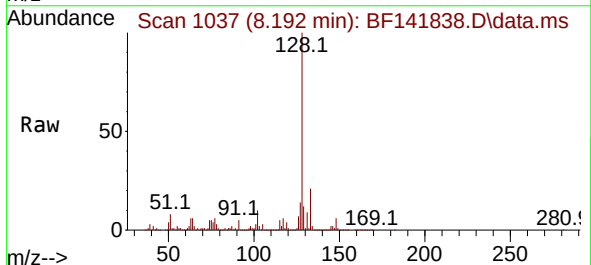
Tgt Ion: 128 Resp: 1653086

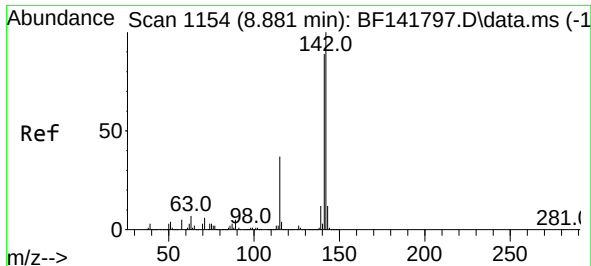
Ion Ratio Lower Upper

128 100

129 12.3 9.2 13.8

127 13.7 11.0 16.4

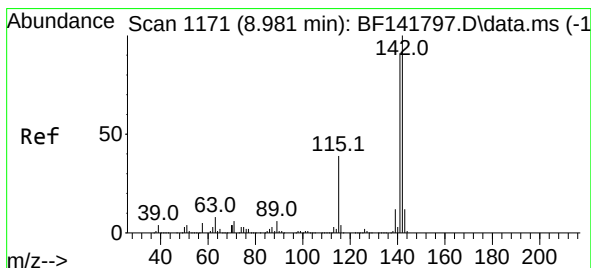
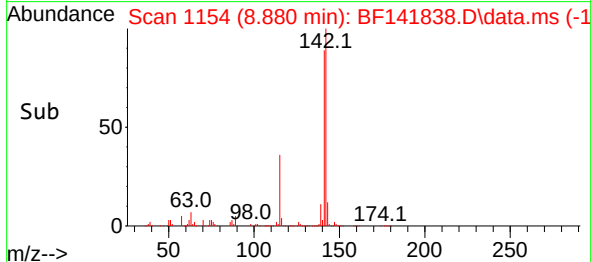
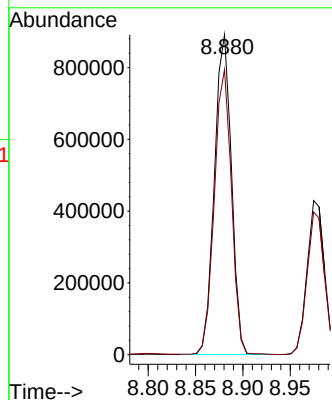
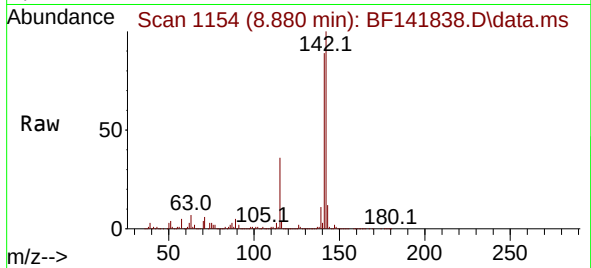




#37
2-Methylnaphthalene
Concen: 45.070 ng
RT: 8.880 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF141838.D
Acq: 05 Mar 2025 11:45

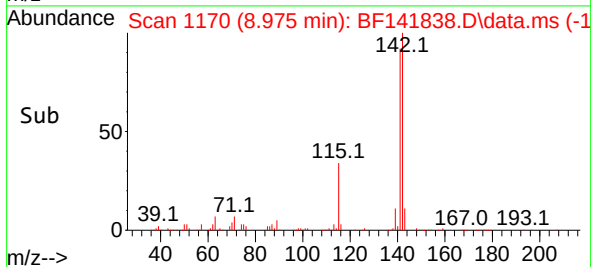
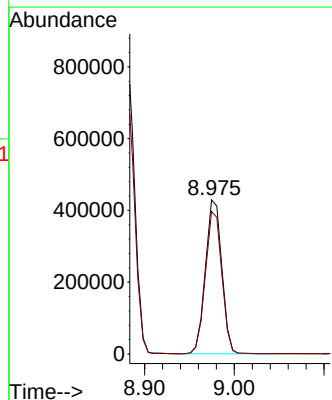
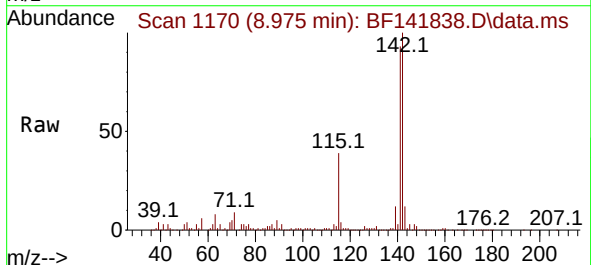
Instrument :
BNA_F
ClientSampleId :
TP-3DL

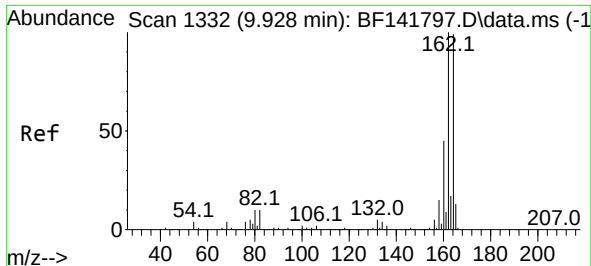
Tgt Ion:142 Resp: 1115723
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7



#38
1-Methylnaphthalene
Concen: 22.941 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF141838.D
Acq: 05 Mar 2025 11:45

Tgt Ion:142 Resp: 544915
Ion Ratio Lower Upper
142 100
141 92.5 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141838.D

Acq: 05 Mar 2025 11:45

Instrument :

BNA_F

ClientSampleId :

TP-3DL

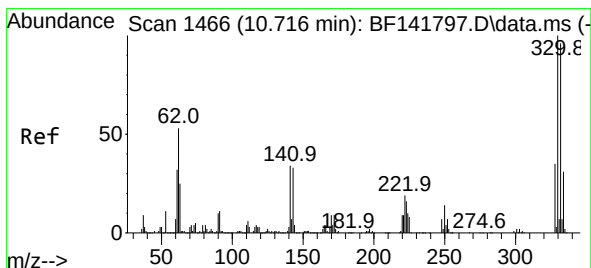
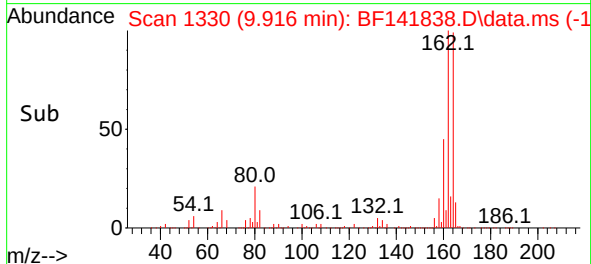
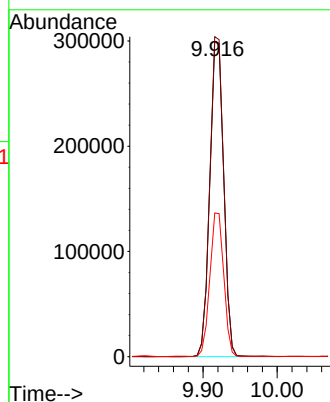
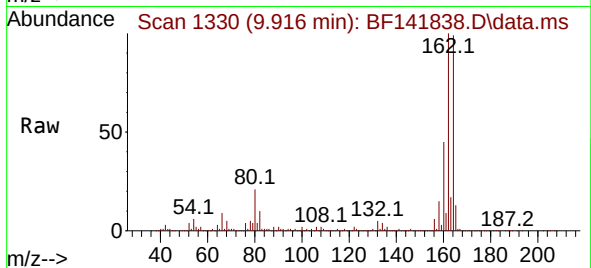
Tgt Ion:164 Resp: 391329

Ion Ratio Lower Upper

164 100

162 101.4 80.6 120.8

160 45.6 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 54.417 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.012 min

Lab File: BF141838.D

Acq: 05 Mar 2025 11:45

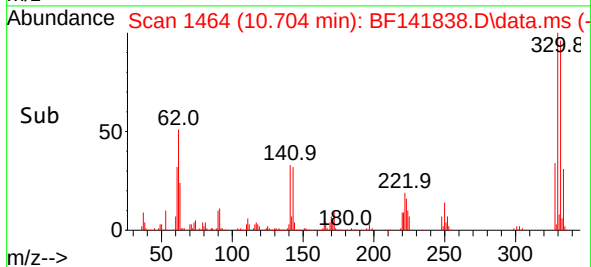
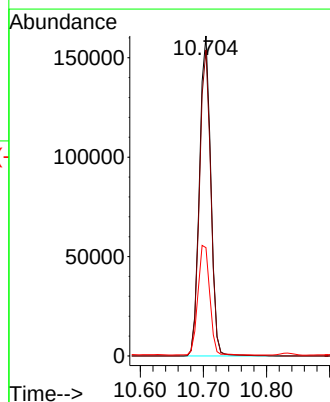
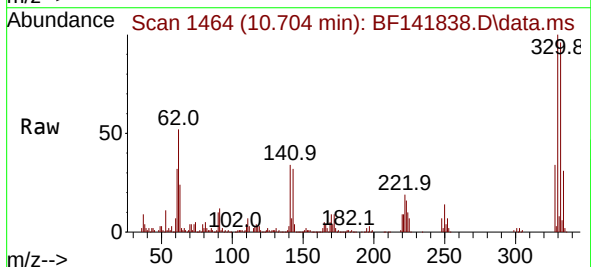
Tgt Ion:330 Resp: 199920

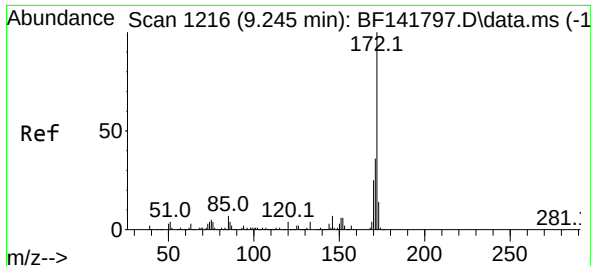
Ion Ratio Lower Upper

330 100

332 95.4 76.6 115.0

141 35.8 29.0 43.4

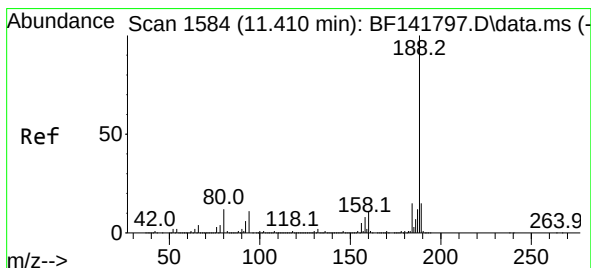
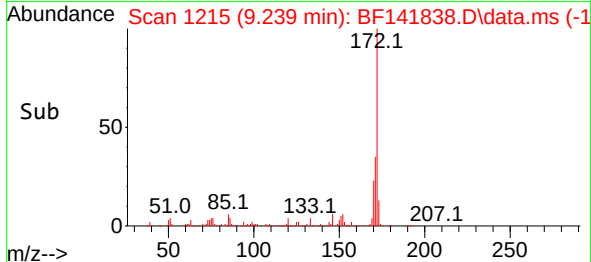
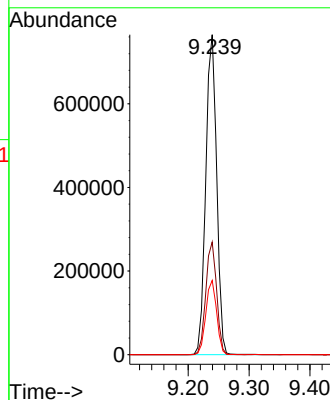
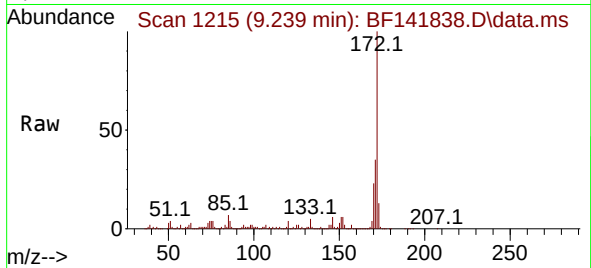




#45
2-Fluorobiphenyl
Concen: 39.025 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141838.D
Acq: 05 Mar 2025 11:45

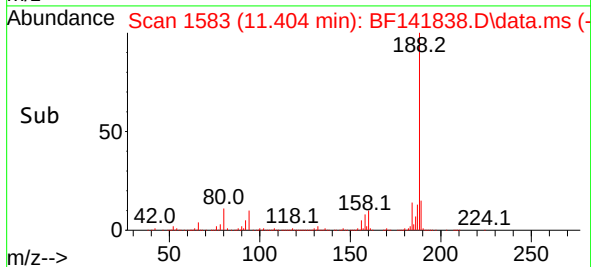
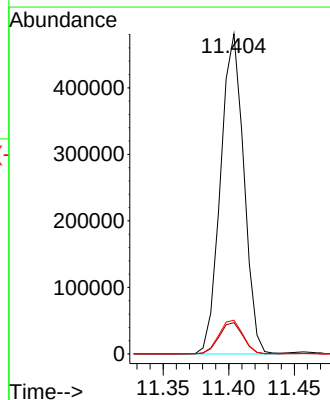
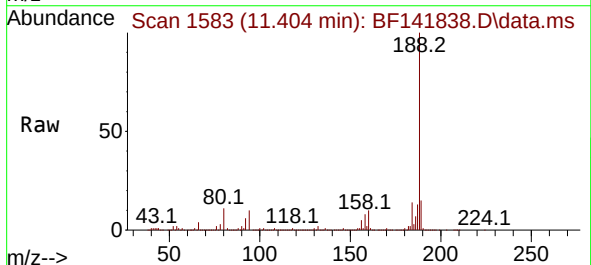
Instrument :
BNA_F
ClientSampleId :
TP-3DL

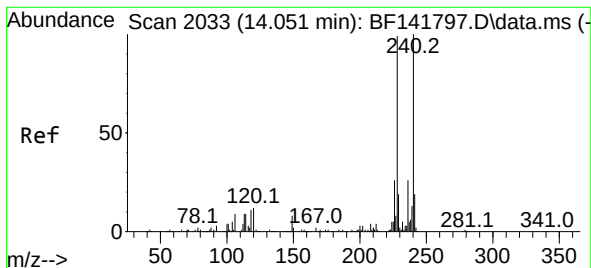
Tgt Ion:172 Resp: 952421
Ion Ratio Lower Upper
172 100
171 35.2 29.2 43.8
170 23.2 19.7 29.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF141838.D
Acq: 05 Mar 2025 11:45

Tgt Ion:188 Resp: 594460
Ion Ratio Lower Upper
188 100
94 9.8 8.9 13.3
80 10.6 9.7 14.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF141838.D

Acq: 05 Mar 2025 11:45

Instrument :

BNA_F

ClientSampleId :

TP-3DL

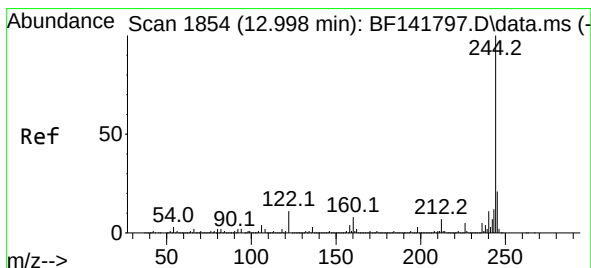
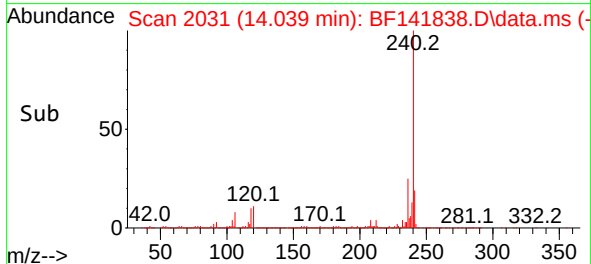
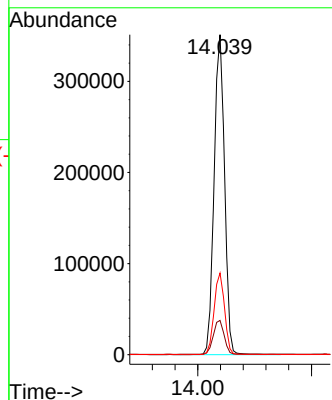
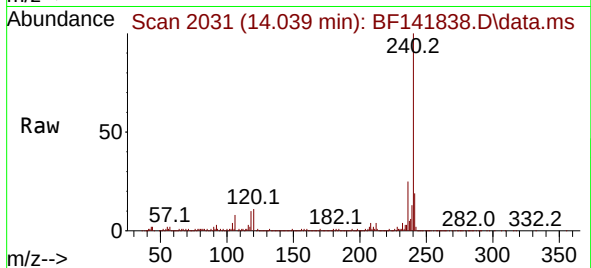
Tgt Ion:240 Resp: 447650

Ion Ratio Lower Upper

240 100

120 10.7 9.7 14.5

236 25.5 21.0 31.4



#79

Terphenyl-d14

Concen: 27.919 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.012 min

Lab File: BF141838.D

Acq: 05 Mar 2025 11:45

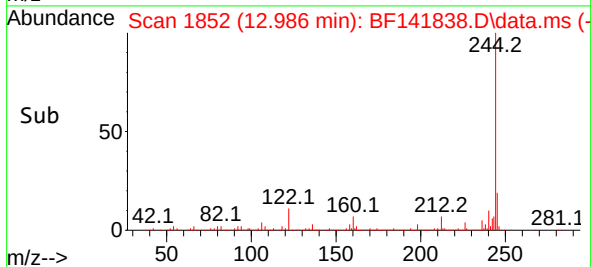
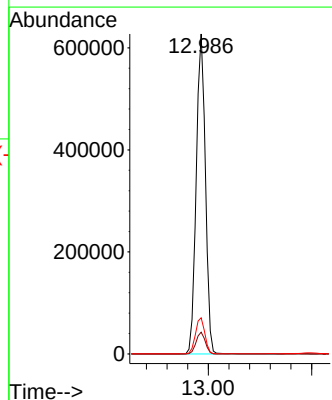
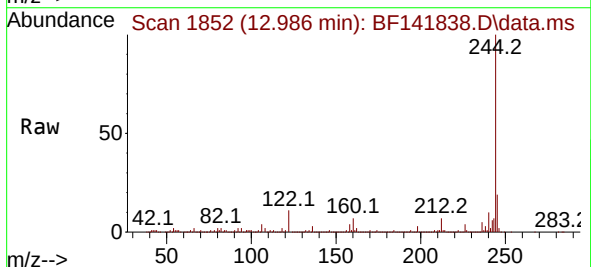
Tgt Ion:244 Resp: 772476

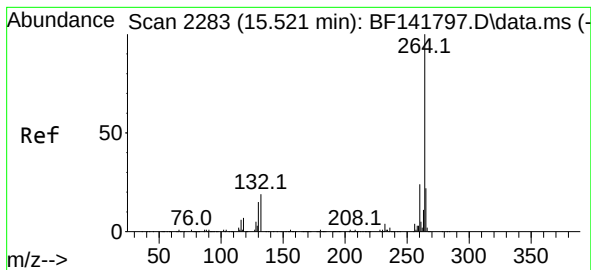
Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 11.3 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF141838.D
 Acq: 05 Mar 2025 11:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-3DL

Tgt Ion:264 Resp: 484659
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 22.3 17.4 26.0

