

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
 Data File : BF141821.D
 Acq On : 03 Mar 2025 19:14
 Operator : RC/JU
 Sample : Q1447-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC1

Quant Time: Mar 04 00:14:39 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)

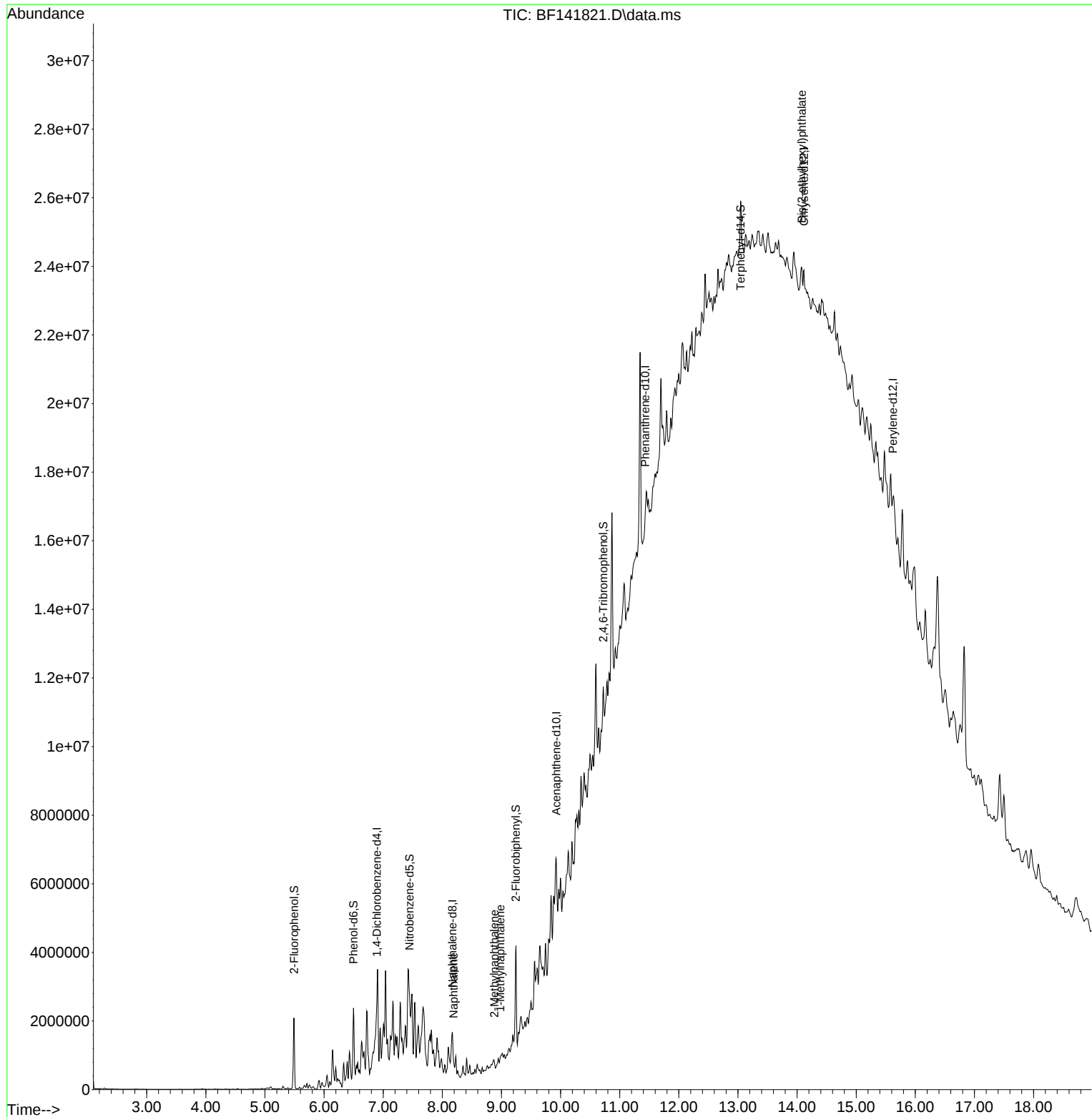
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	144444	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	617193	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	349015	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	458368	20.000	ng	# 0.02
76) Chrysene-d12	14.116	240	417353	20.000	ng	# 0.06
86) Perylene-d12	15.621	264	463776	20.000	ng	# 0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	778990	86.126	ng	0.00
7) Phenol-d6	6.498	99	996271	84.626	ng	-0.01
23) Nitrobenzene-d5	7.445	82	683578	70.795	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	298206	91.010	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1344216	61.756	ng	0.00
79) Terphenyl-d14	13.045	244	1283933	49.773	ng	0.05
Target Compounds						
						Qvalue
31) Naphthalene	8.192	128	83504	2.632	ng	# 85
37) 2-Methylnaphthalene	8.881	142	48766	2.344	ng	100
38) 1-Methylnaphthalene	8.981	142	41921	2.100	ng	98
84) Bis(2-ethylhexyl)phtha...	14.080	149	652409	39.904	ng	# 82

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

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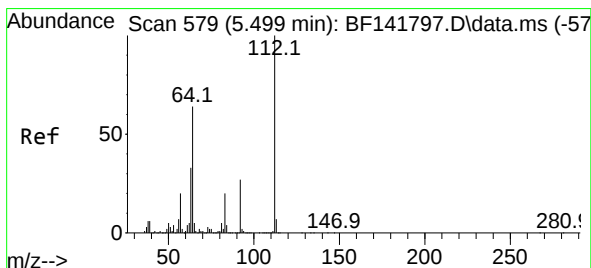
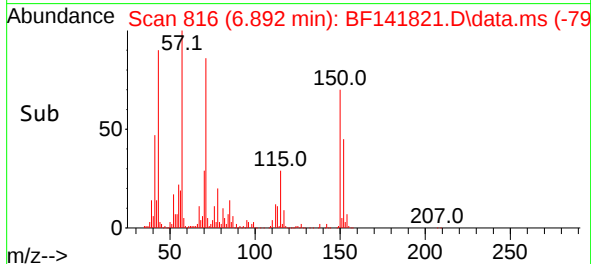
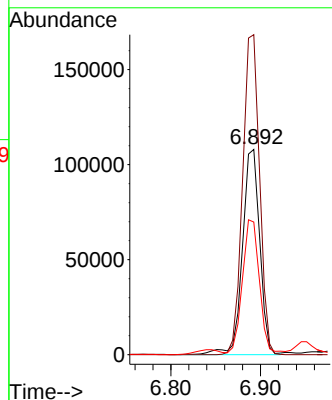
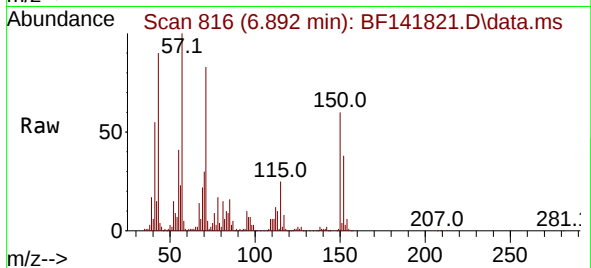




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 816
 Delta R.T. -0.001 min
 Lab File: BF141821.D
 Acq: 03 Mar 2025 19:14

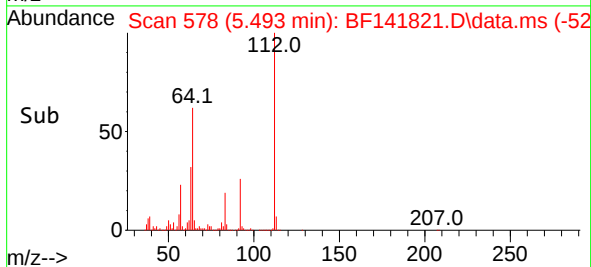
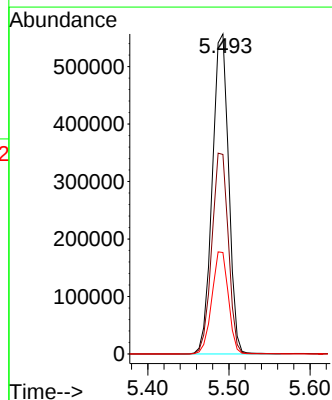
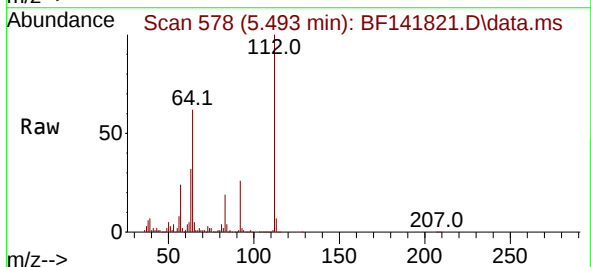
Instrument :
 BNA_F
 ClientSampleId :
 WC1

Tgt Ion:152 Resp: 144444
 Ion Ratio Lower Upper
 152 100
 150 155.9 127.5 191.3
 115 64.6 51.4 77.2



#5
 2-Fluorophenol
 Concen: 86.126 ng
 RT: 5.493 min Scan# 578
 Delta R.T. -0.006 min
 Lab File: BF141821.D
 Acq: 03 Mar 2025 19:14

Tgt Ion:112 Resp: 778990
 Ion Ratio Lower Upper
 112 100
 64 62.3 51.3 76.9
 63 31.7 26.2 39.4

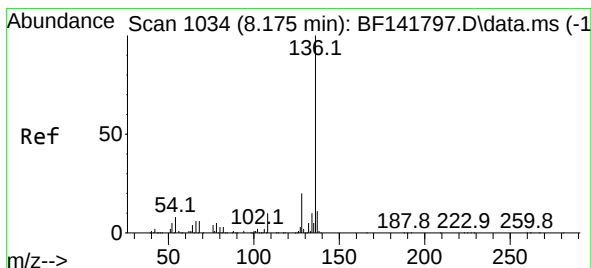
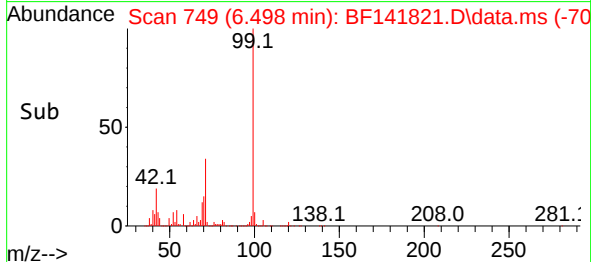
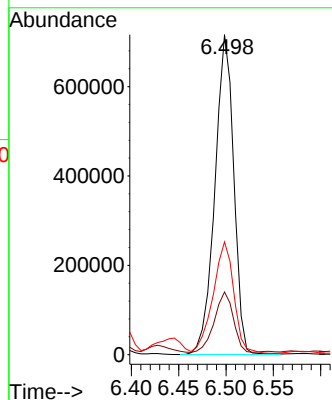
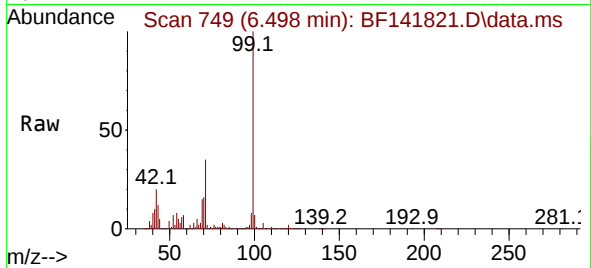




#7
Phenol-d6
Concen: 84.626 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF141821.D
Acq: 03 Mar 2025 19:14

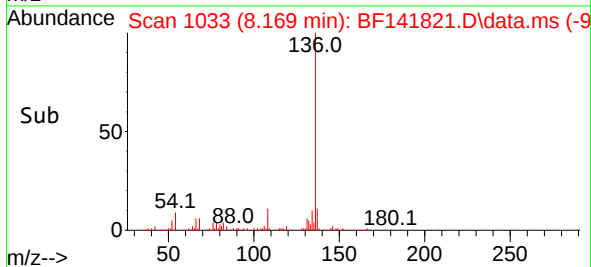
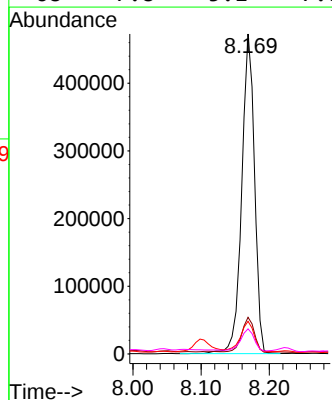
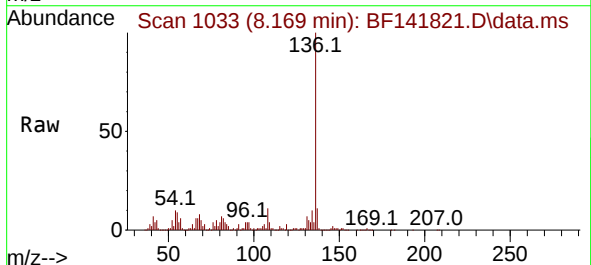
Instrument :
BNA_F
ClientSampleId :
WC1

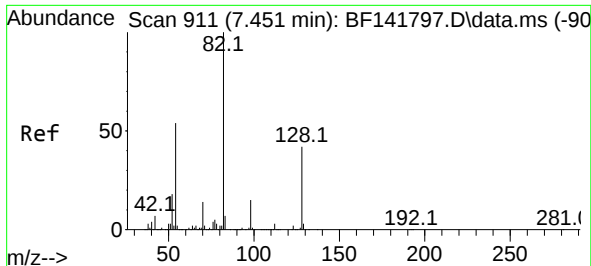
Tgt Ion: 99 Resp: 996271
Ion Ratio Lower Upper
99 100
42 19.6 15.2 22.8
71 35.2 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF141821.D
Acq: 03 Mar 2025 19:14

Tgt Ion: 136 Resp: 617193
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 10.2 6.9 10.3
68 7.8 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 70.795 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141821.D

Acq: 03 Mar 2025 19:14

Instrument :

BNA_F

ClientSampleId :

WC1

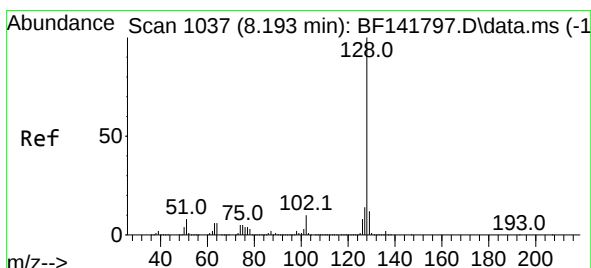
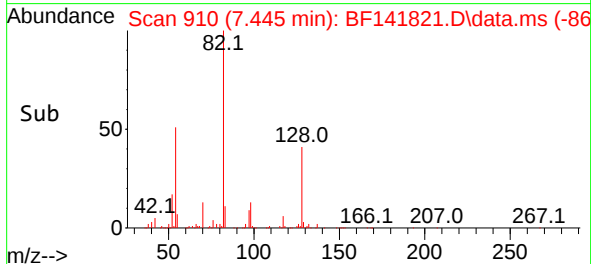
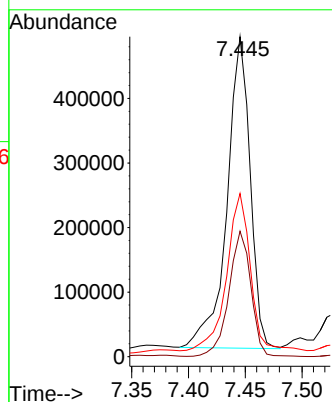
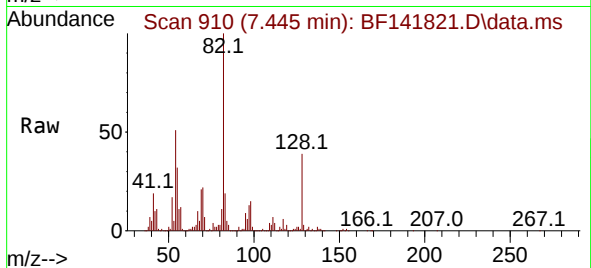
Tgt Ion: 82 Resp: 683578

Ion Ratio Lower Upper

82 100

128 39.2 33.5 50.3

54 51.0 42.7 64.1



#31

Naphthalene

Concen: 2.632 ng

RT: 8.192 min Scan# 1037

Delta R.T. -0.000 min

Lab File: BF141821.D

Acq: 03 Mar 2025 19:14

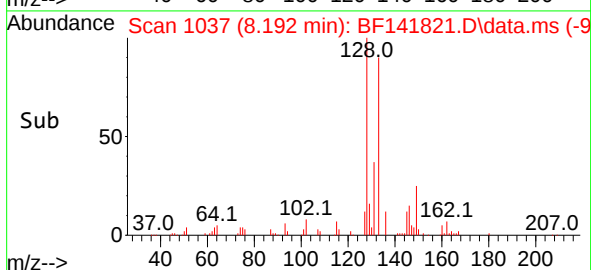
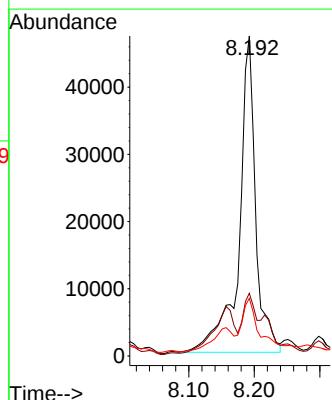
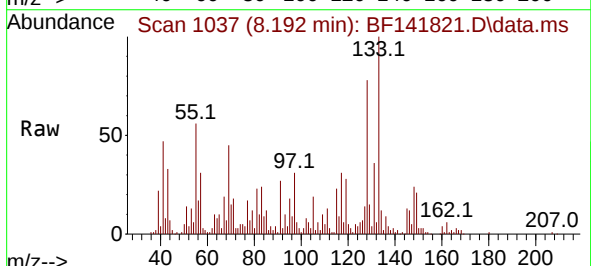
Tgt Ion: 128 Resp: 83504

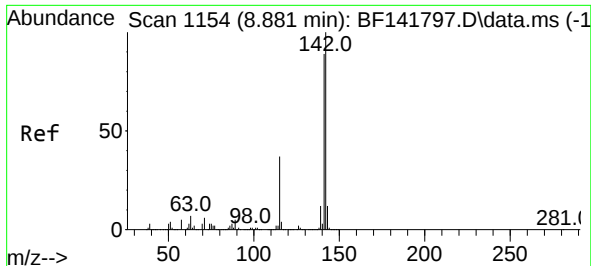
Ion Ratio Lower Upper

128 100

129 19.6 9.2 13.8#

127 18.0 11.0 16.4#

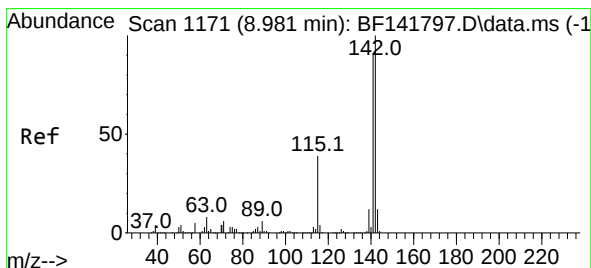
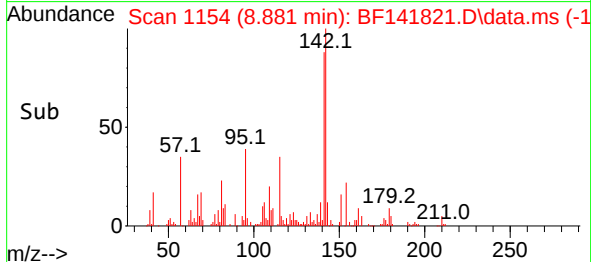
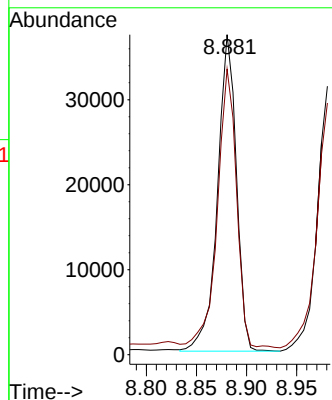
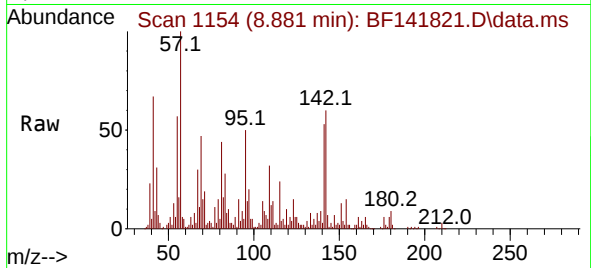




#37
2-Methylnaphthalene
Concen: 2.344 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF141821.D
Acq: 03 Mar 2025 19:14

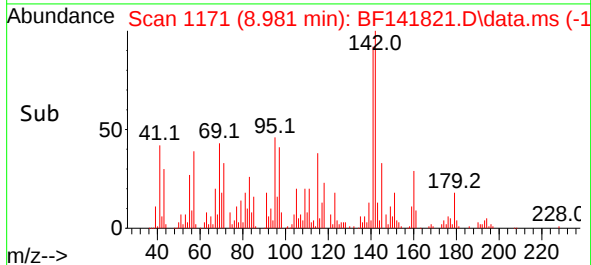
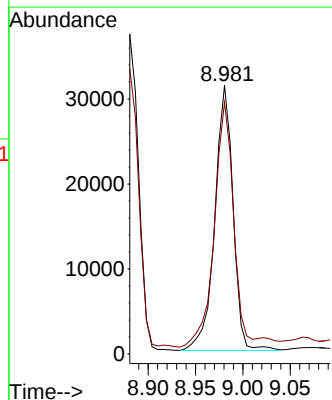
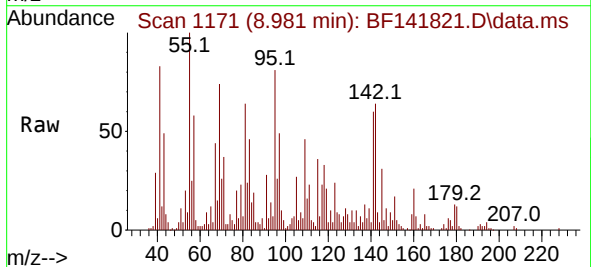
Instrument :
BNA_F
ClientSampleId :
WC1

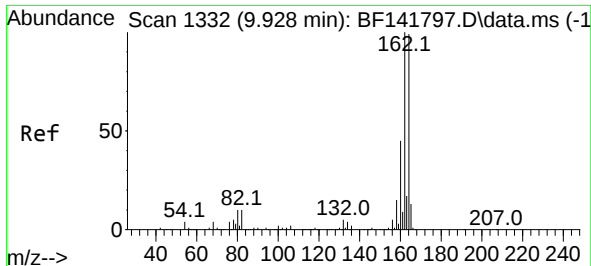
Tgt Ion:142 Resp: 48766
Ion Ratio Lower Upper
142 100
141 89.3 71.1 106.7



#38
1-Methylnaphthalene
Concen: 2.100 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF141821.D
Acq: 03 Mar 2025 19:14

Tgt Ion:142 Resp: 41921
Ion Ratio Lower Upper
142 100
141 93.7 73.1 109.7

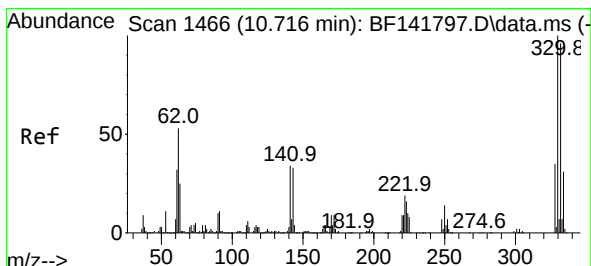
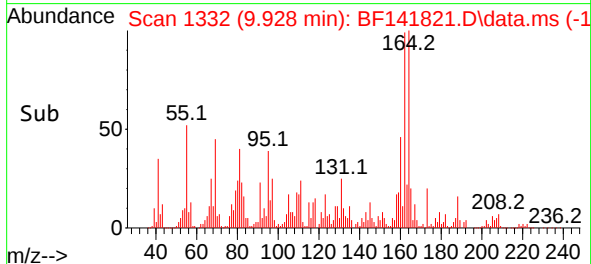
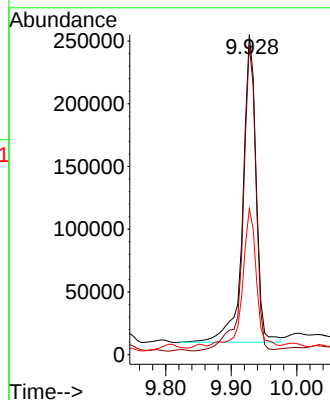
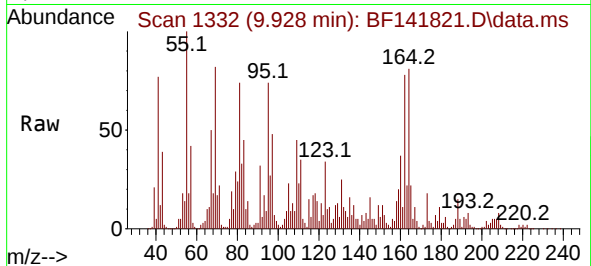




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141821.D
Acq: 03 Mar 2025 19:14

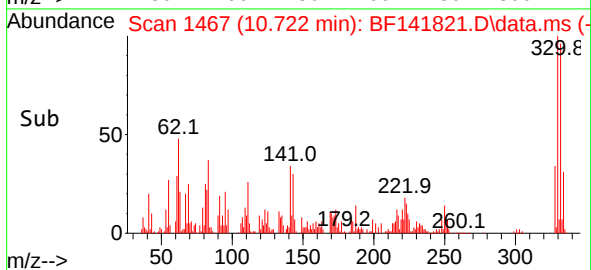
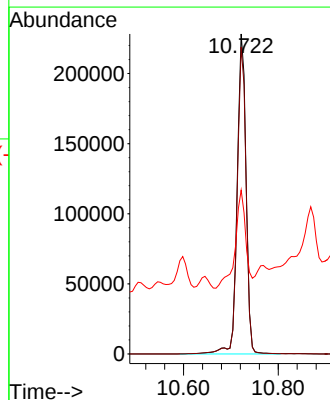
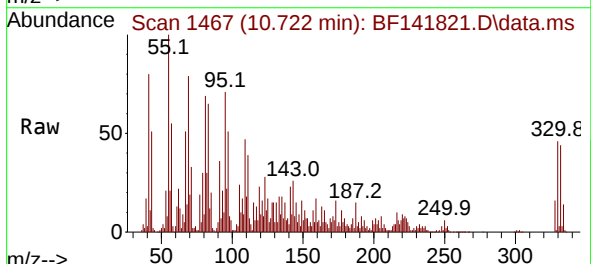
Instrument :
BNA_F
ClientSampleId :
WC1

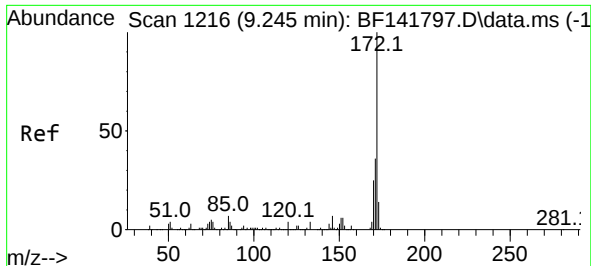
Tgt Ion:164 Resp: 349015
Ion Ratio Lower Upper
164 100
162 96.8 80.6 120.8
160 45.6 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 91.010 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF141821.D
Acq: 03 Mar 2025 19:14

Tgt Ion:330 Resp: 298206
Ion Ratio Lower Upper
330 100
332 96.4 76.6 115.0
141 36.1 29.0 43.4

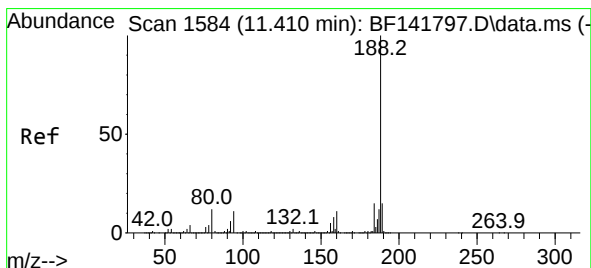
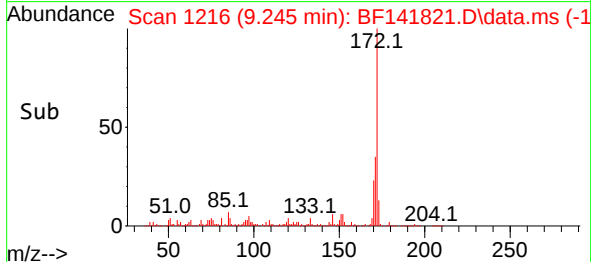
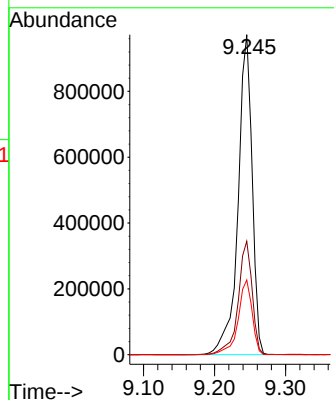
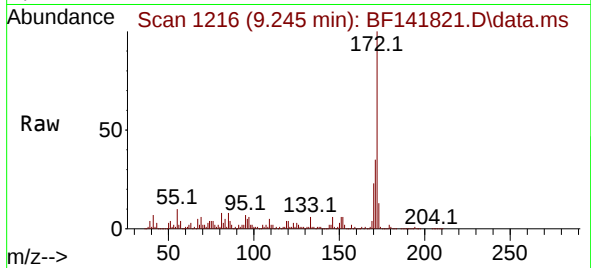




#45
2-Fluorobiphenyl
Concen: 61.756 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141821.D
Acq: 03 Mar 2025 19:14

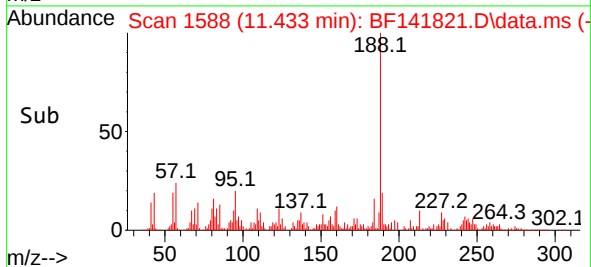
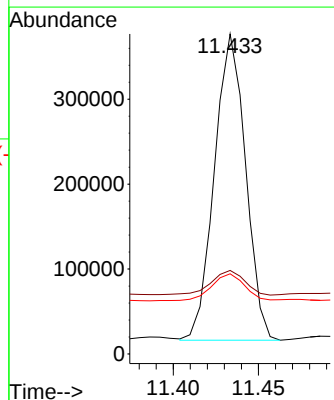
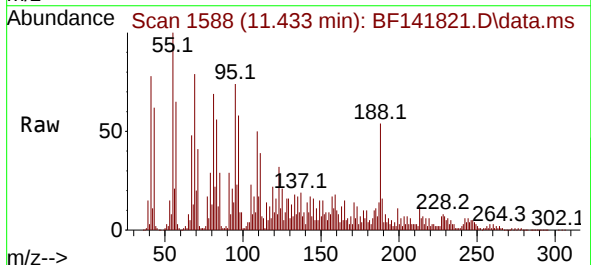
Instrument :
BNA_F
ClientSampleId :
WC1

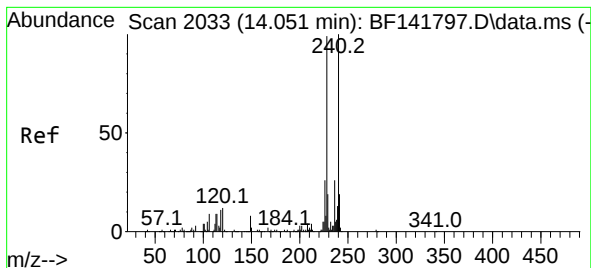
Tgt Ion:172 Resp: 1344216
Ion Ratio Lower Upper
172 100
171 35.5 29.2 43.8
170 23.4 19.7 29.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1588
Delta R.T. 0.023 min
Lab File: BF141821.D
Acq: 03 Mar 2025 19:14

Tgt Ion:188 Resp: 458368
Ion Ratio Lower Upper
188 100
94 26.1 8.9 13.3#
80 25.0 9.7 14.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.116 min Scan# 2033

Delta R.T. 0.065 min

Lab File: BF141821.D

Acq: 03 Mar 2025 19:14

Instrument :

BNA_F

ClientSampleId :

WC1

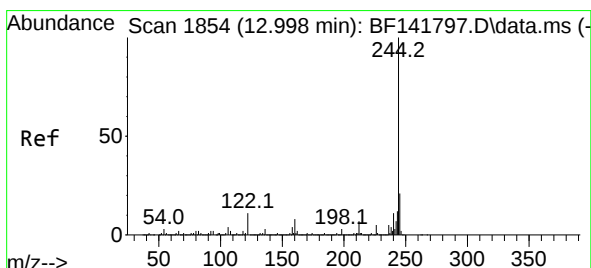
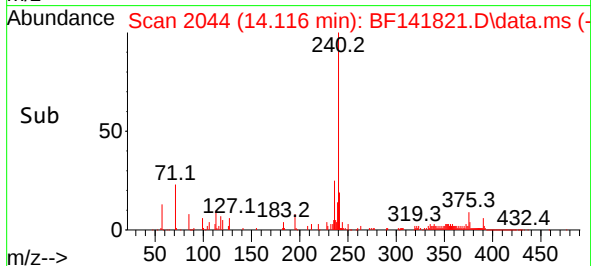
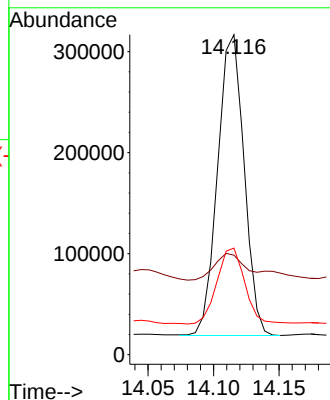
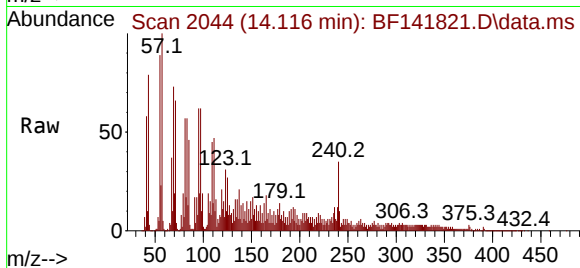
Tgt Ion:240 Resp: 417353

Ion Ratio Lower Upper

240 100

120 31.1 9.7 14.5#

236 33.3 21.0 31.4#



#79

Terphenyl-d14

Concen: 49.773 ng

RT: 13.045 min Scan# 1862

Delta R.T. 0.047 min

Lab File: BF141821.D

Acq: 03 Mar 2025 19:14

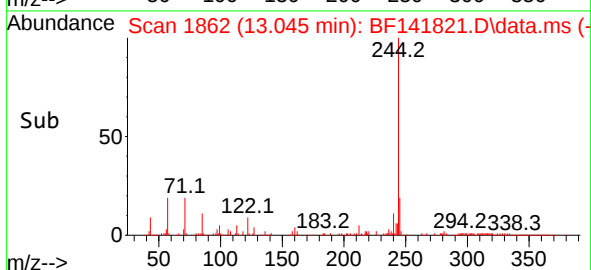
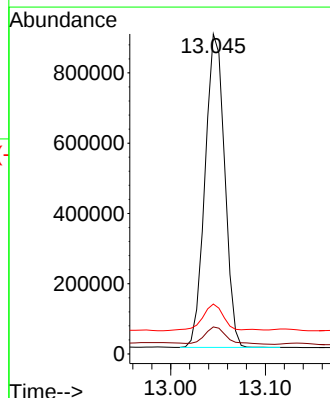
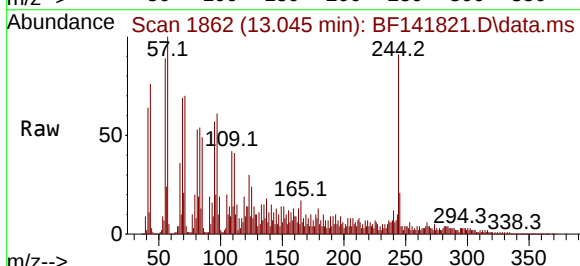
Tgt Ion:244 Resp: 1283933

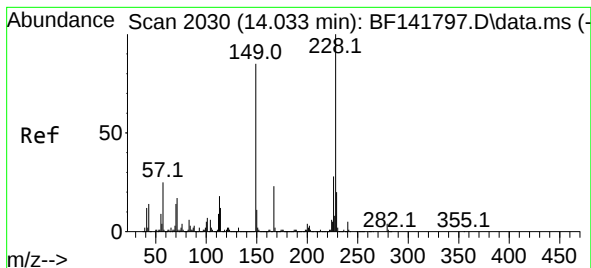
Ion Ratio Lower Upper

244 100

212 8.4 6.0 9.0

122 15.6 9.0 13.6#





#84

Bis(2-ethylhexyl)phthalate

Concen: 39.904 ng

RT: 14.080 min Scan# 2030

Delta R.T. 0.047 min

Lab File: BF141821.D

Acq: 03 Mar 2025 19:14

Instrument :

BNA_F

ClientSampleId :

WC1

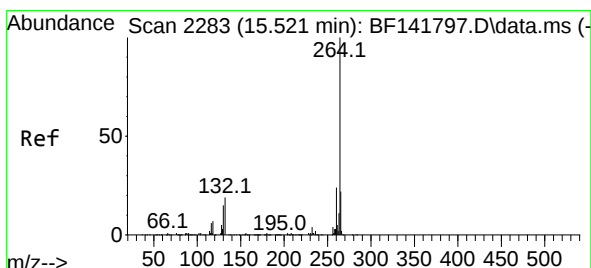
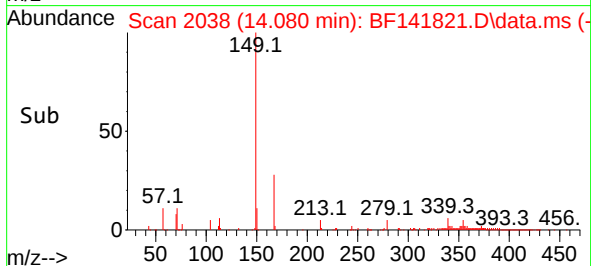
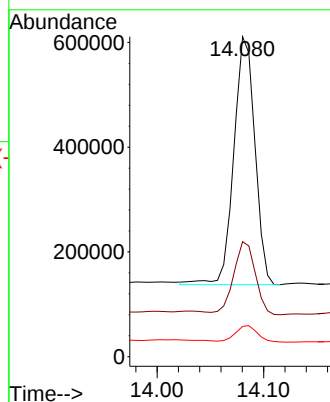
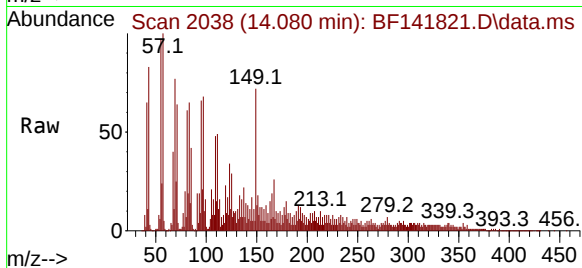
Tgt Ion:149 Resp: 652409

Ion Ratio Lower Upper

149 100

167 35.9 21.2 31.8#

279 9.5 3.3 4.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 2300

Delta R.T. 0.100 min

Lab File: BF141821.D

Acq: 03 Mar 2025 19:14

Tgt Ion:264 Resp: 463776

Ion Ratio Lower Upper

264 100

260 27.9 18.9 28.3

265 28.1 17.4 26.0#

