

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142100.D
 Acq On : 26 Mar 2025 16:41
 Operator : RC/JU
 Sample : Q1636-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Mar 26 17:01:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	126423	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	489478	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	280342	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	506881	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	413868	20.000	ng	0.00
86) Perylene-d12	15.509	264	287123	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	903634	119.292	ng	0.00
7) Phenol-d6	6.492	99	1011167	104.843	ng	-0.01
23) Nitrobenzene-d5	7.433	82	797491	91.689	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	565702	159.061	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1668565	90.517	ng	-0.01
79) Terphenyl-d14	12.980	244	2355883	84.159	ng	0.00

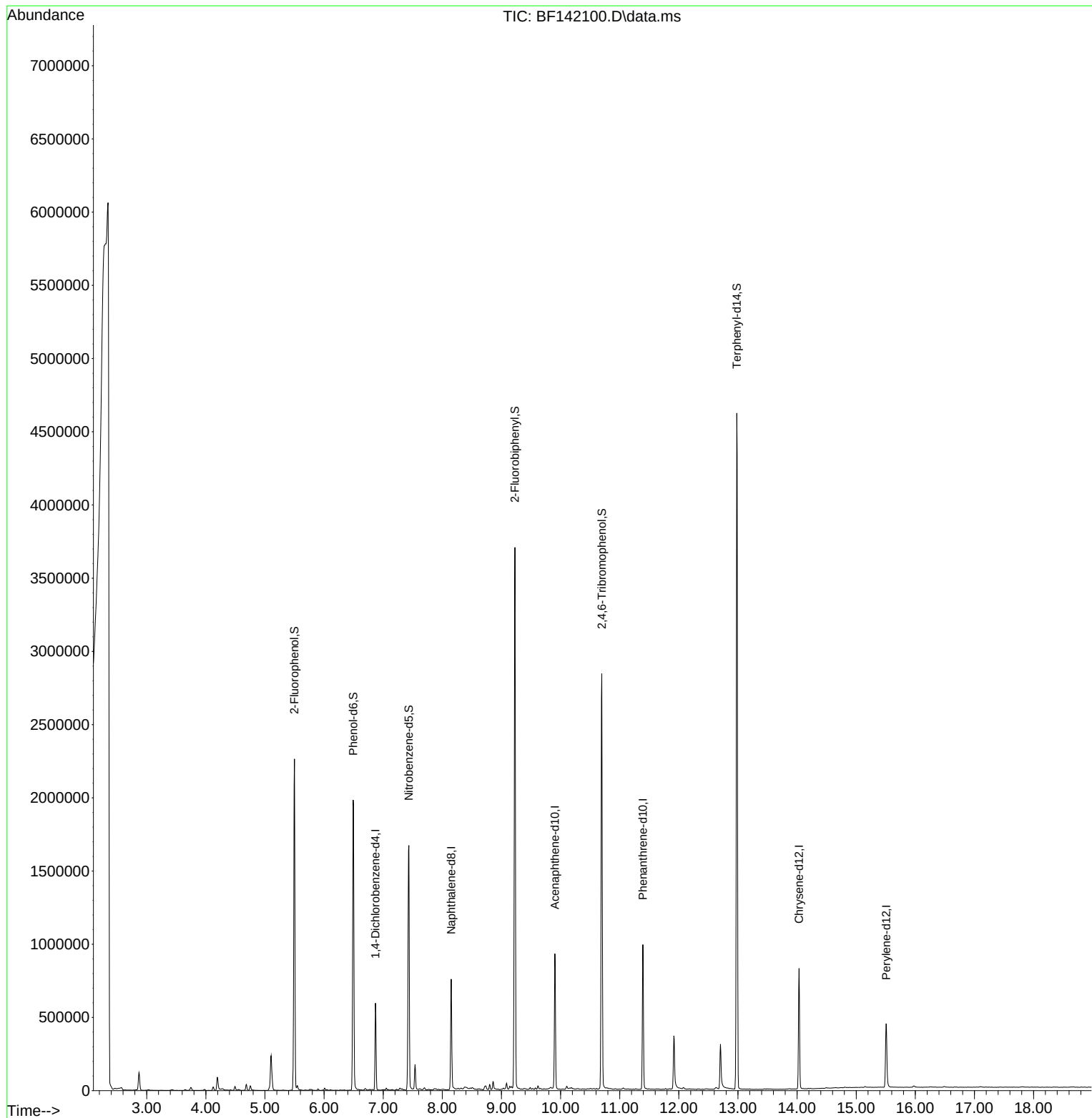
Target Compounds	Qvalue

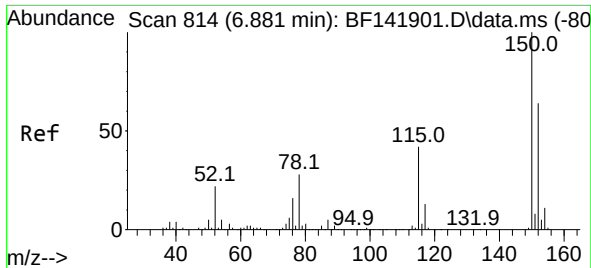
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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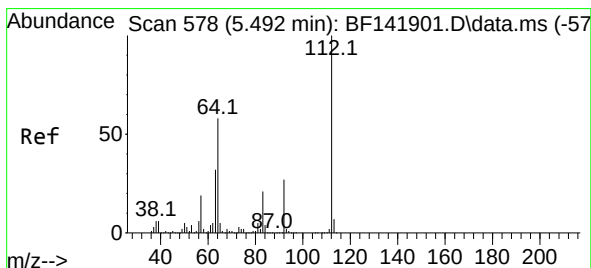
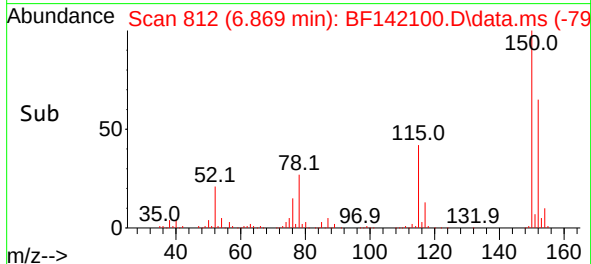
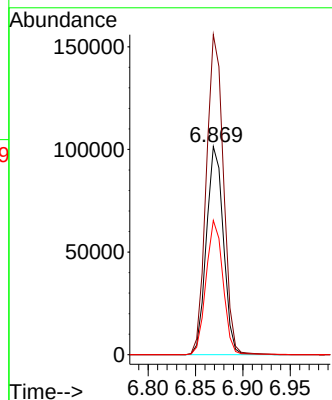
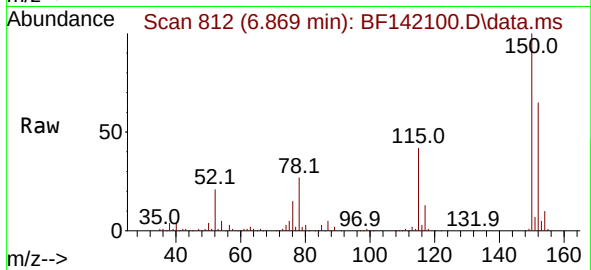




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 814
 Delta R.T. -0.012 min
 Lab File: BF142100.D
 Acq: 26 Mar 2025 16:41

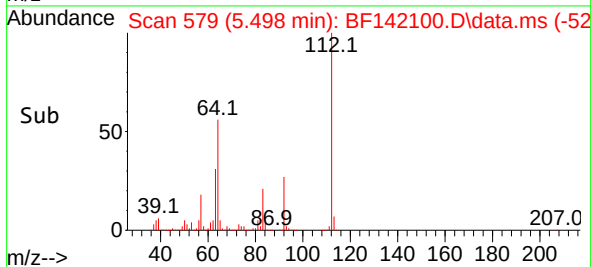
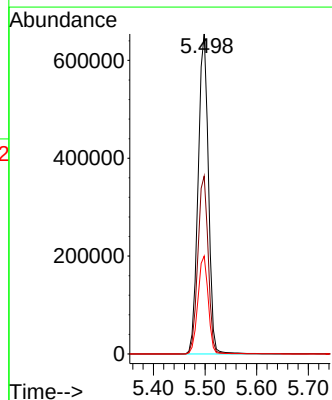
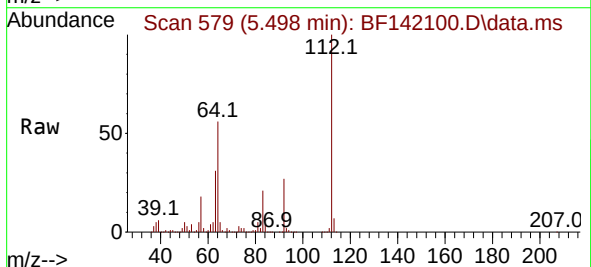
Instrument :
 BNA_F
 ClientSampleId :
 WC-2

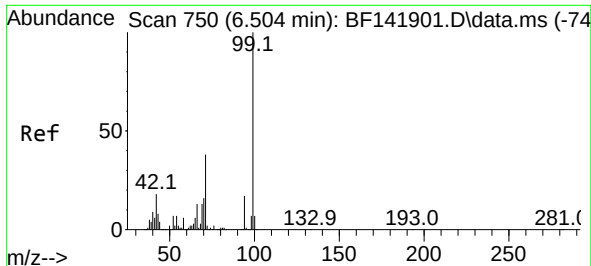
Tgt Ion:152 Resp: 126423
 Ion Ratio Lower Upper
 152 100
 150 153.8 127.4 191.2
 115 64.5 51.9 77.9



#5
 2-Fluorophenol
 Concen: 119.292 ng
 RT: 5.498 min Scan# 579
 Delta R.T. 0.006 min
 Lab File: BF142100.D
 Acq: 26 Mar 2025 16:41

Tgt Ion:112 Resp: 903634
 Ion Ratio Lower Upper
 112 100
 64 55.6 46.5 69.7
 63 30.6 25.4 38.2

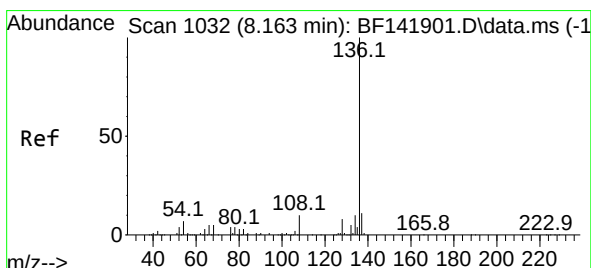
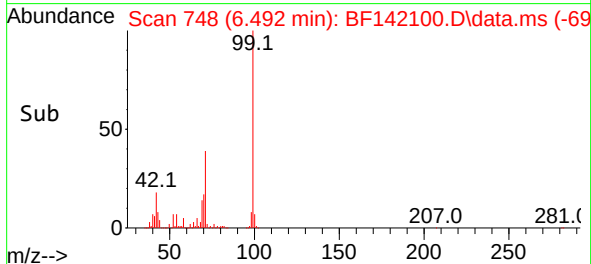
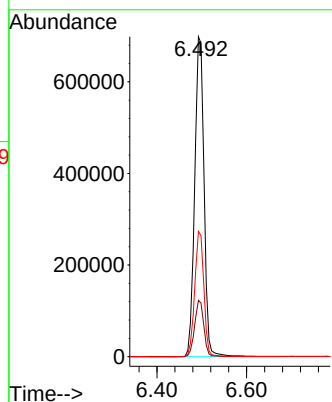
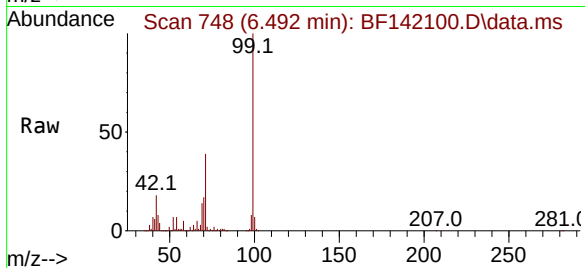




#7
Phenol-d6
Concen: 104.843 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142100.D
Acq: 26 Mar 2025 16:41

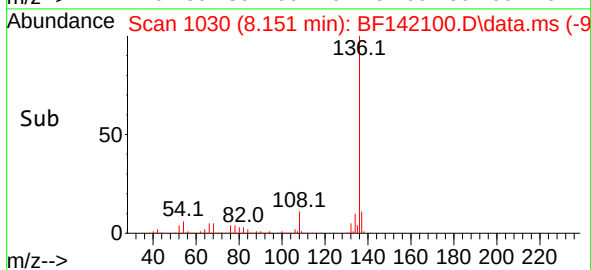
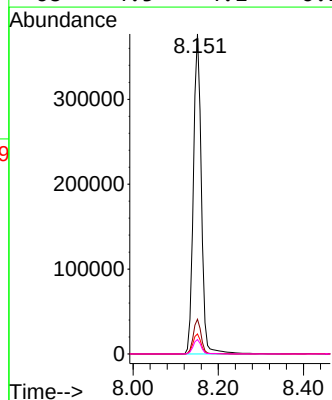
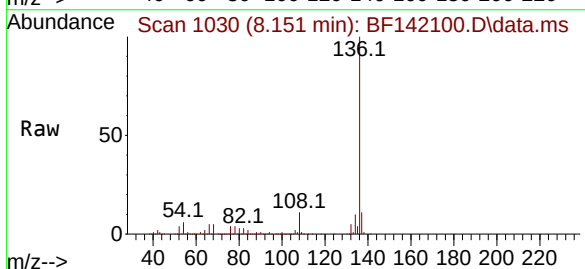
Instrument :
BNA_F
ClientSampleId :
WC-2

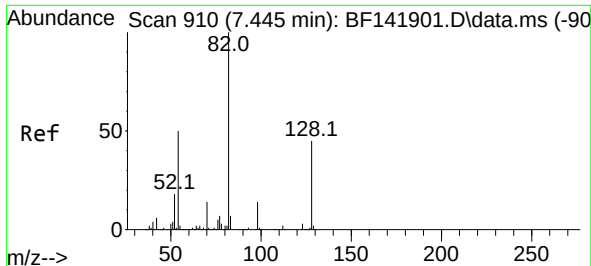
Tgt Ion: 99 Resp: 1011167
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 39.2 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142100.D
Acq: 26 Mar 2025 16:41

Tgt Ion:136 Resp: 489478
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.3 5.8 8.8
68 4.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 91.689 ng

RT: 7.433 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142100.D

Acq: 26 Mar 2025 16:41

Instrument :

BNA_F

ClientSampleId :

WC-2

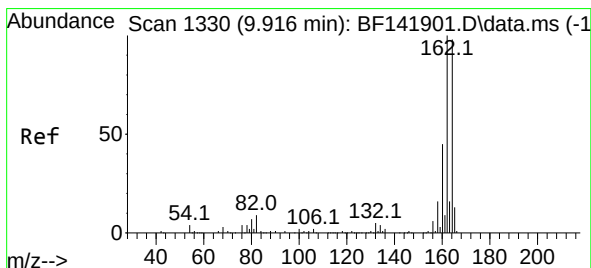
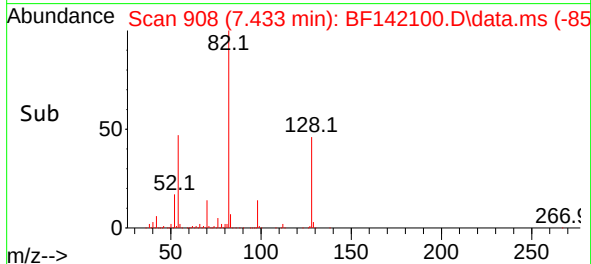
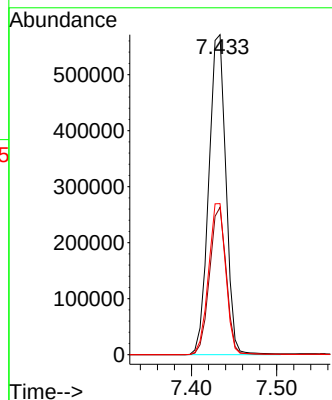
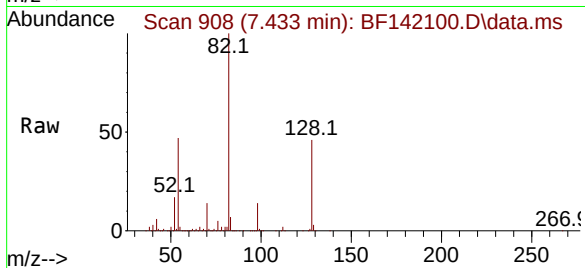
Tgt Ion: 82 Resp: 797491

Ion Ratio Lower Upper

82 100

128 46.1 36.0 54.0

54 47.2 39.6 59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF142100.D

Acq: 26 Mar 2025 16:41

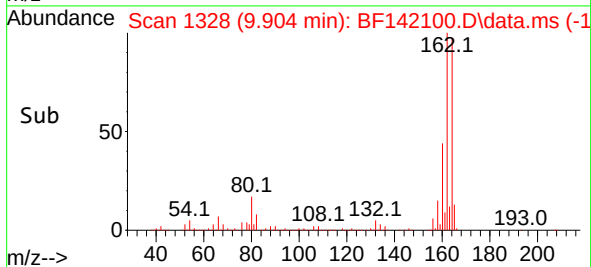
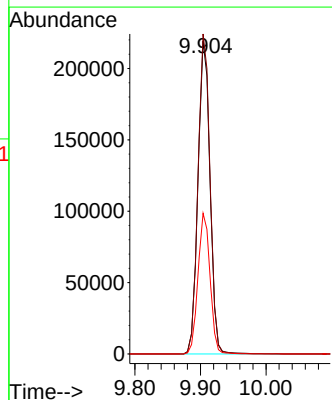
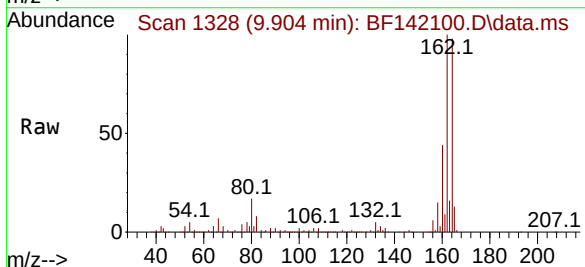
Tgt Ion:164 Resp: 280342

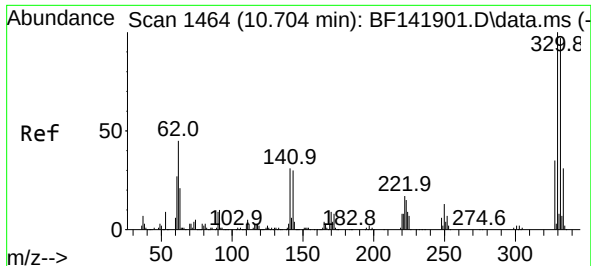
Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.6

160 45.0 36.7 55.1

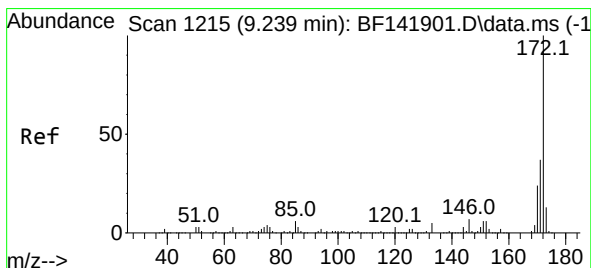
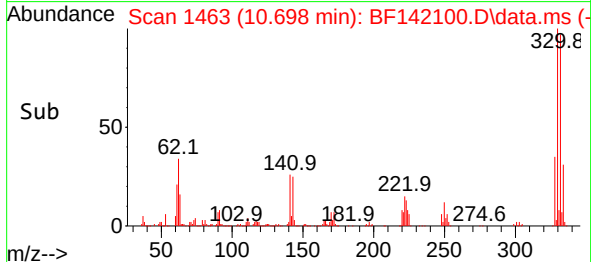
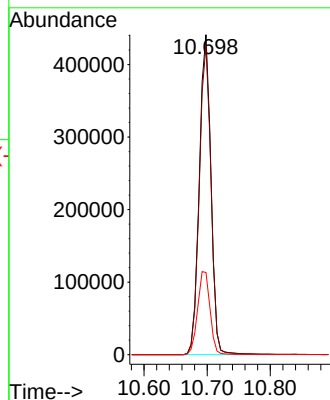
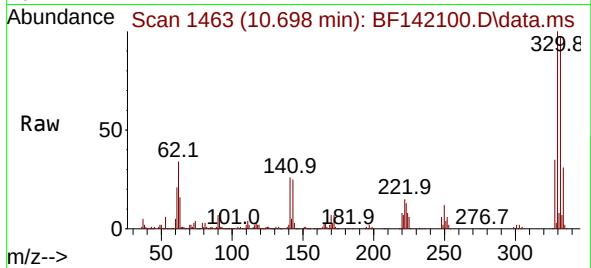




#42
2,4,6-Tribromophenol
Concen: 159.061 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142100.D
Acq: 26 Mar 2025 16:41

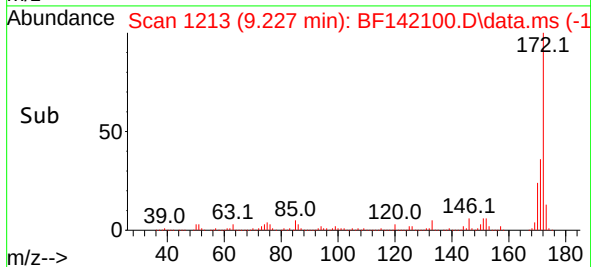
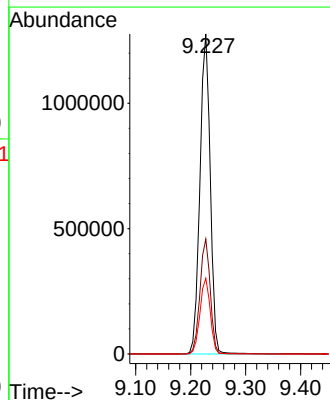
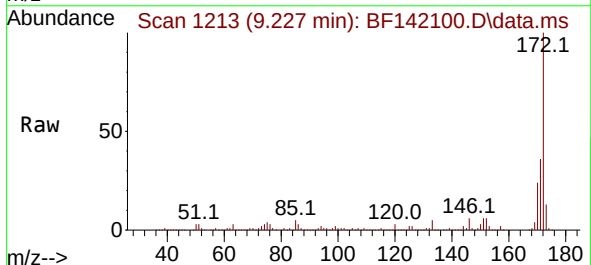
Instrument :
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WC-2

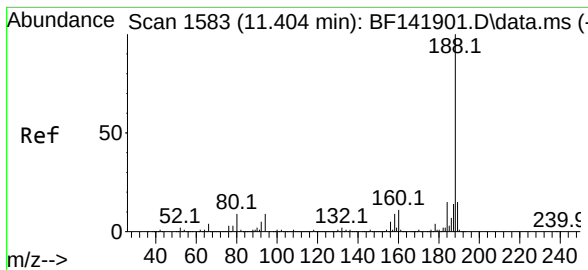
Tgt Ion:330 Resp: 565702
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 27.8 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 90.517 ng
RT: 9.227 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142100.D
Acq: 26 Mar 2025 16:41

Tgt Ion:172 Resp: 1668565
Ion Ratio Lower Upper
172 100
171 35.9 29.3 43.9
170 23.7 19.4 29.0

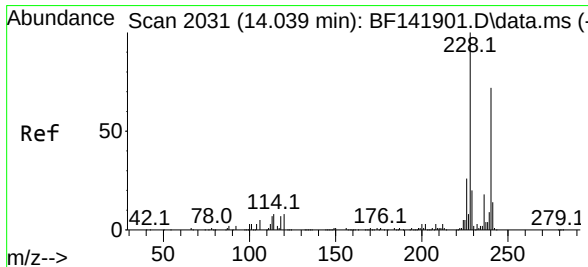
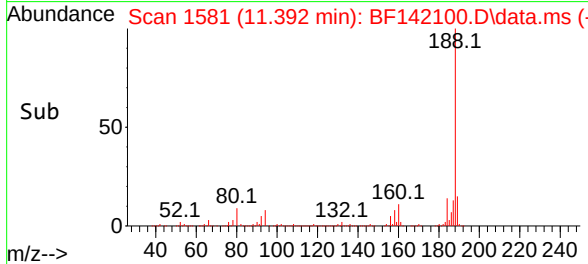
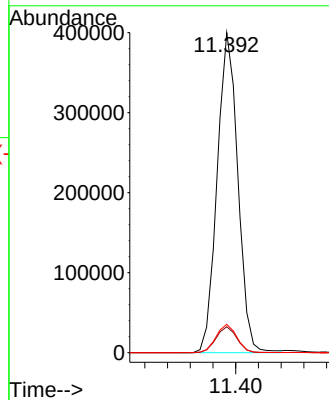
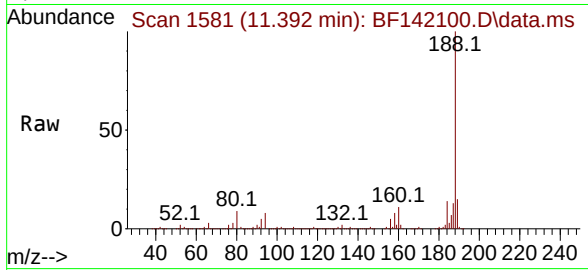




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142100.D
Acq: 26 Mar 2025 16:41

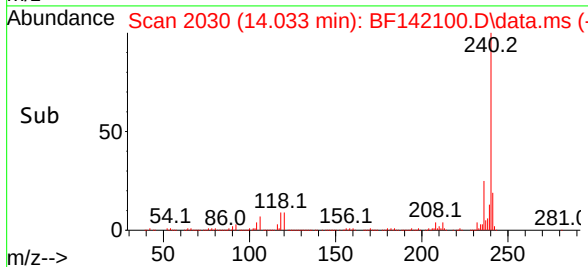
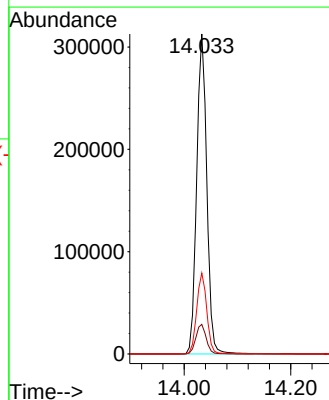
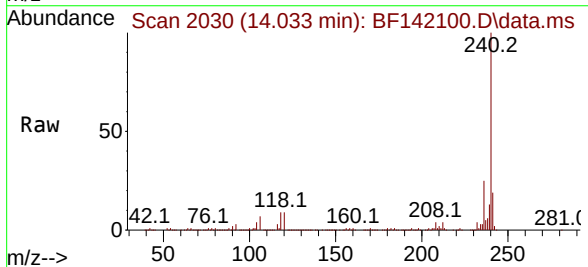
Instrument :
BNA_F
ClientSampleId :
WC-2

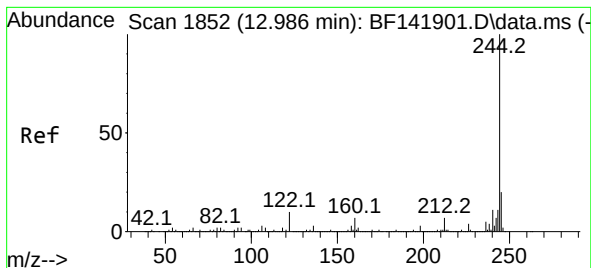
Tgt Ion:188 Resp: 506881
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142100.D
Acq: 26 Mar 2025 16:41

Tgt Ion:240 Resp: 413868
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 25.3 20.5 30.7





#79

Terphenyl-d14

Concen: 84.159 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142100.D

Acq: 26 Mar 2025 16:41

Instrument :

BNA_F

ClientSampleId :

WC-2

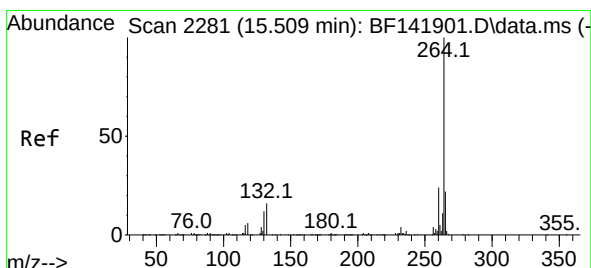
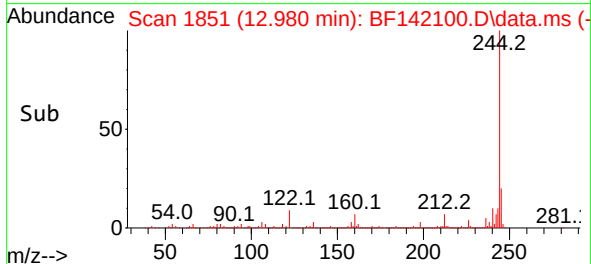
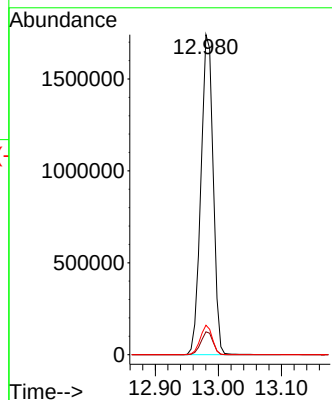
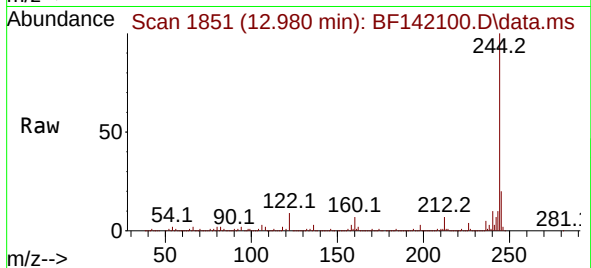
Tgt Ion:244 Resp: 2355883

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 9.2 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. -0.000 min

Lab File: BF142100.D

Acq: 26 Mar 2025 16:41

Tgt Ion:264 Resp: 287123

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.3 17.5 26.3

