

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142138.D
 Acq On : 27 Mar 2025 21:41
 Operator : RC/JU
 Sample : Q1648-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Mar 28 01:57:43 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	156414	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	619327	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	346437	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	544343	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	325817	20.000	ng	0.00
86) Perylene-d12	15.510	264	311989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1127531	120.309	ng	0.00
7) Phenol-d6	6.498	99	1284742	107.667	ng	0.00
23) Nitrobenzene-d5	7.434	82	1034049	93.960	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	625401	142.298	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2191922	96.222	ng	-0.01
79) Terphenyl-d14	12.980	244	2084953	94.609	ng	0.00

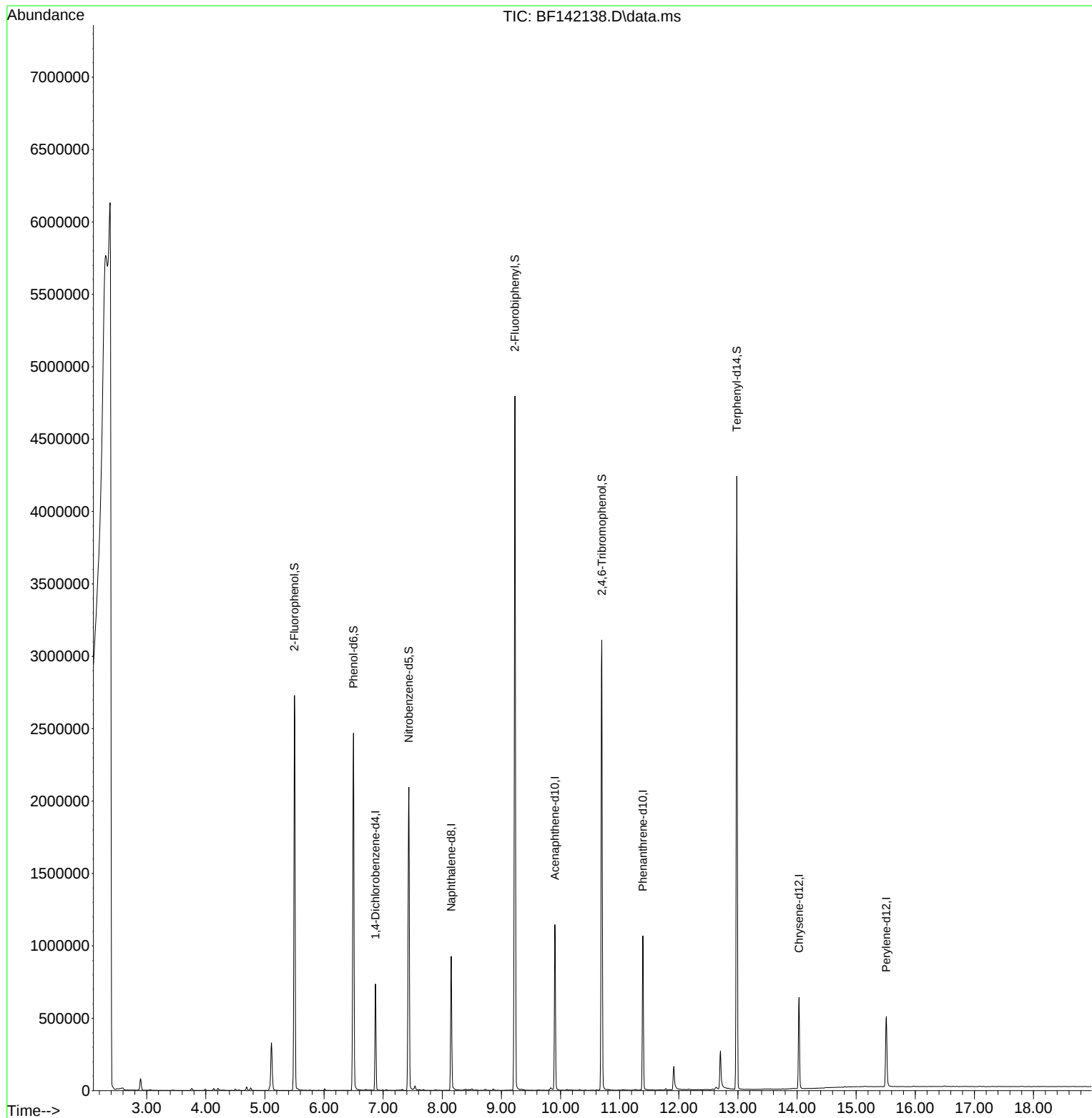
Target Compounds	Qvalue

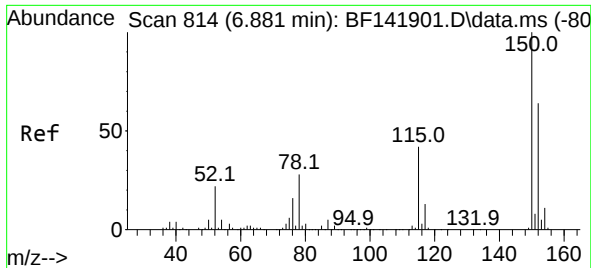
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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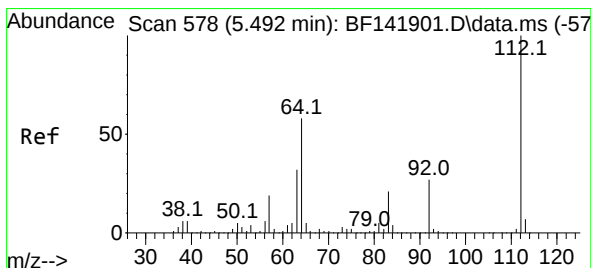
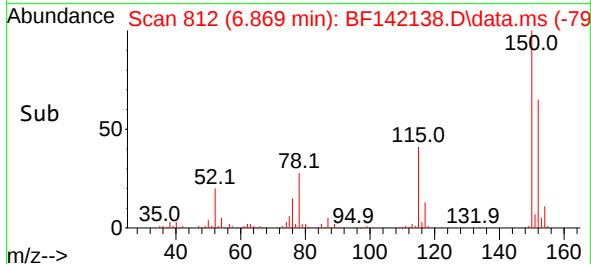
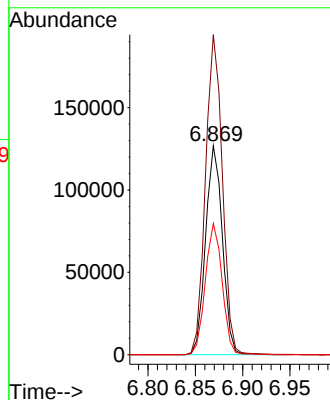
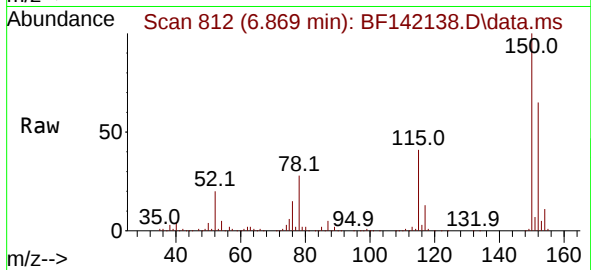




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142138.D
Acq: 27 Mar 2025 21:41

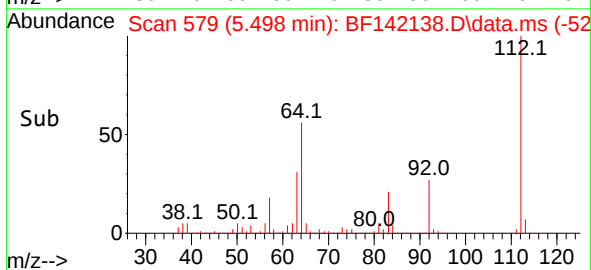
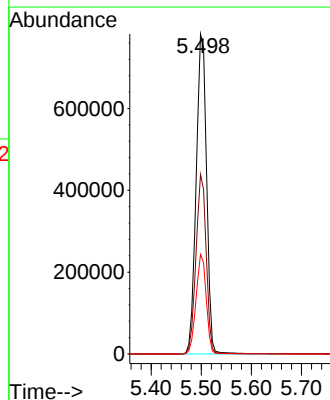
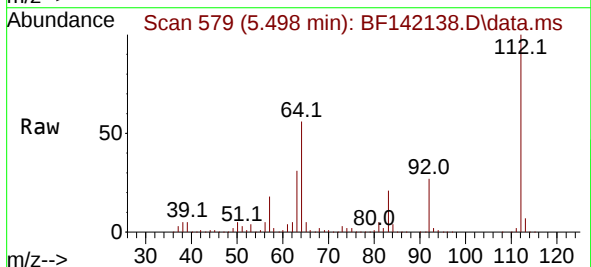
Instrument :
BNA_F
ClientSampleId :
TP-6

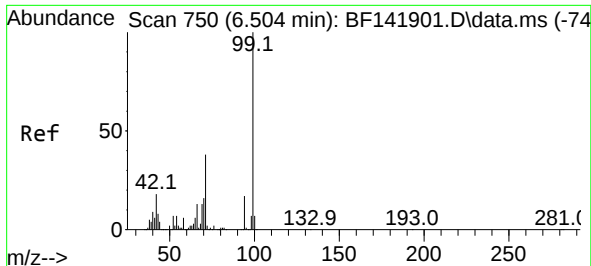
Tgt Ion:152 Resp: 156414
Ion Ratio Lower Upper
152 100
150 153.2 127.4 191.2
115 62.8 51.9 77.9



#5
2-Fluorophenol
Concen: 120.309 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF142138.D
Acq: 27 Mar 2025 21:41

Tgt Ion:112 Resp: 1127531
Ion Ratio Lower Upper
112 100
64 56.1 46.5 69.7
63 31.1 25.4 38.2



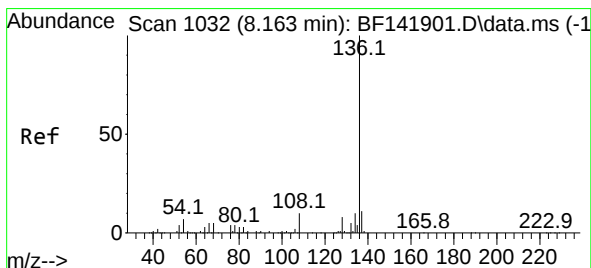
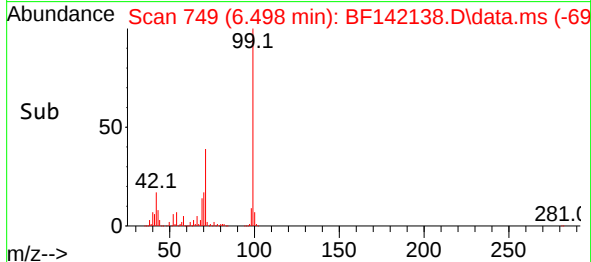
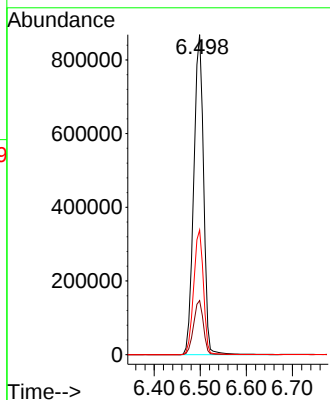
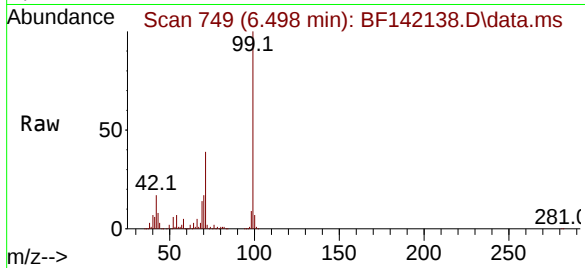


#7
Phenol-d6
Concen: 107.667 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142138.D
Acq: 27 Mar 2025 21:41

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion: 99 Resp: 1284742

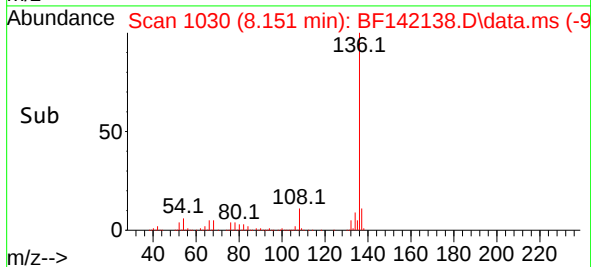
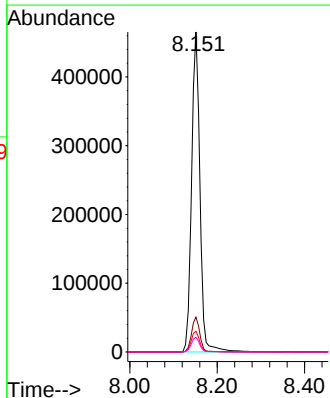
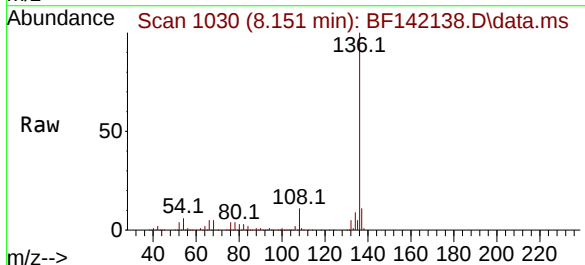
Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.6	21.8
71	39.0	30.8	46.2

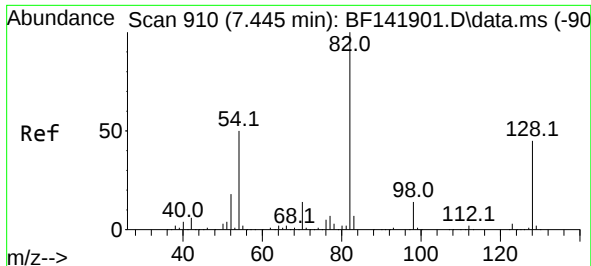


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142138.D
Acq: 27 Mar 2025 21:41

Tgt Ion:136 Resp: 619327

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.5	5.8	8.8
68	4.6	4.1	6.1





#23

Nitrobenzene-d5

Concen: 93.960 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142138.D

Acq: 27 Mar 2025 21:41

Instrument :

BNA_F

ClientSampleId :

TP-6

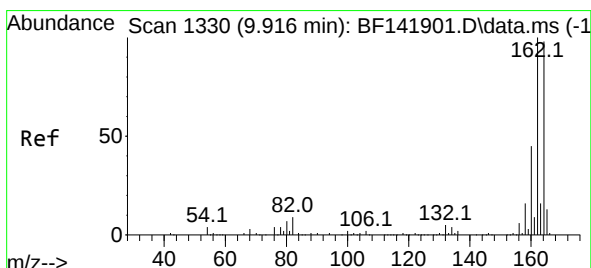
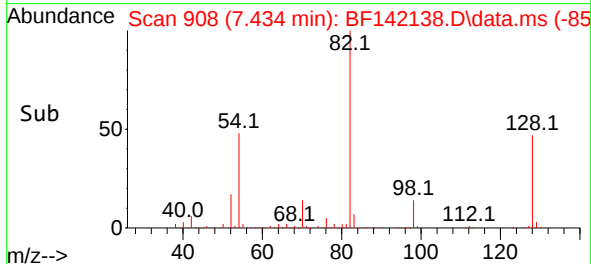
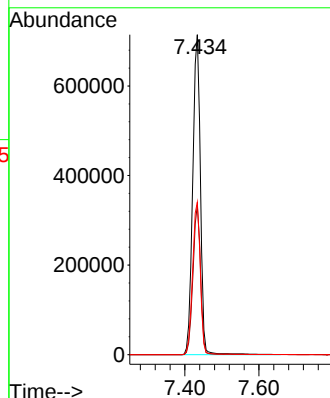
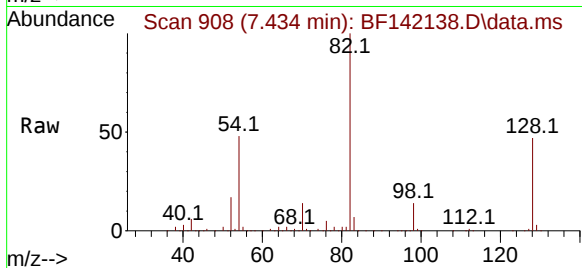
Tgt Ion: 82 Resp: 1034049

Ion Ratio Lower Upper

82 100

128 46.8 36.0 54.0

54 47.7 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: BF142138.D

Acq: 27 Mar 2025 21:41

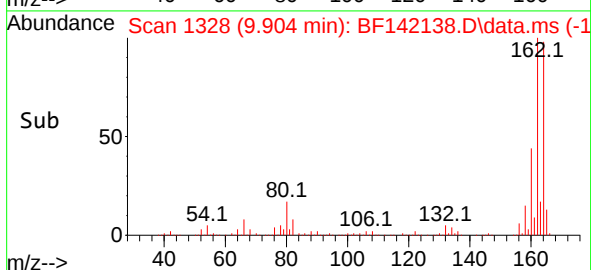
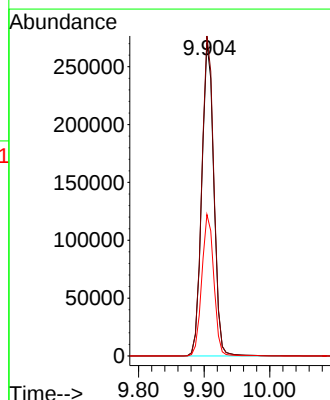
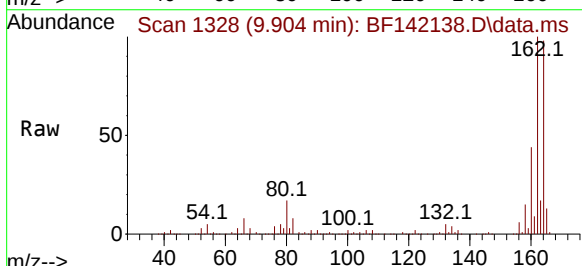
Tgt Ion:164 Resp: 346437

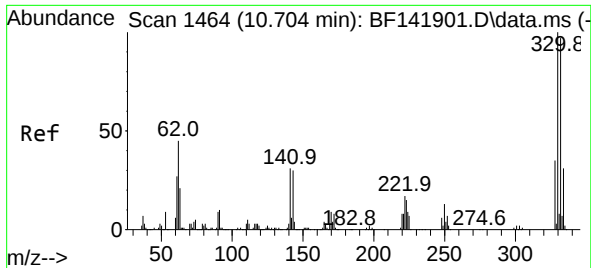
Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.6

160 45.2 36.7 55.1

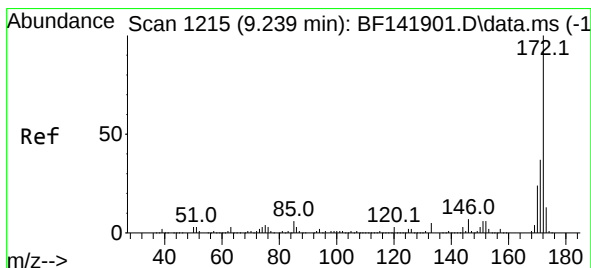
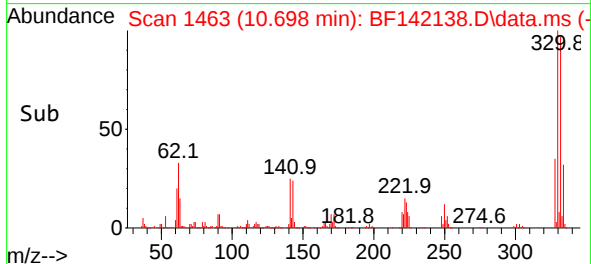
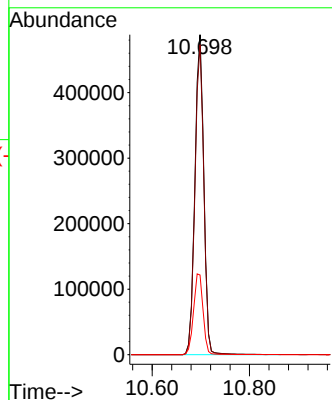
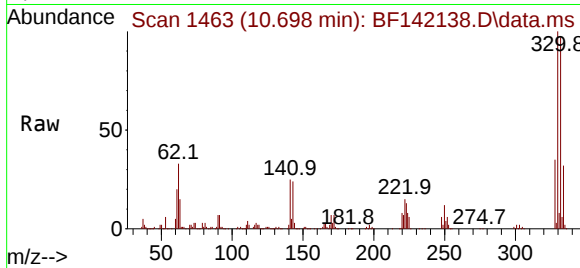




#42
2,4,6-Tribromophenol
Concen: 142.298 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142138.D
Acq: 27 Mar 2025 21:41

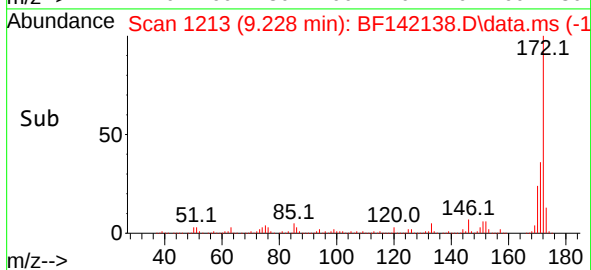
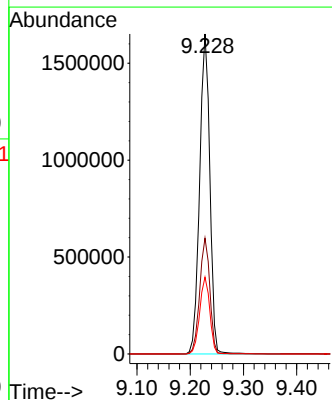
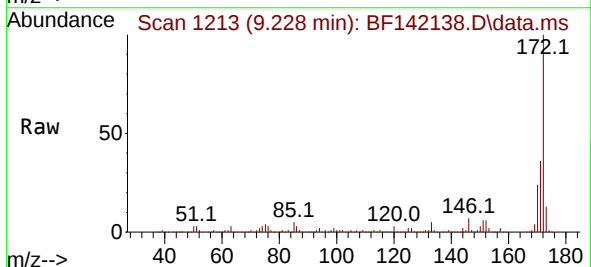
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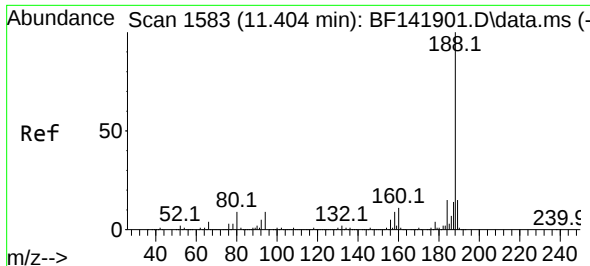
Tgt Ion: 330 Resp: 625401
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 26.9 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 96.222 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142138.D
Acq: 27 Mar 2025 21:41

Tgt Ion: 172 Resp: 2191922
Ion Ratio Lower Upper
172 100
171 36.2 29.3 43.9
170 24.0 19.4 29.0

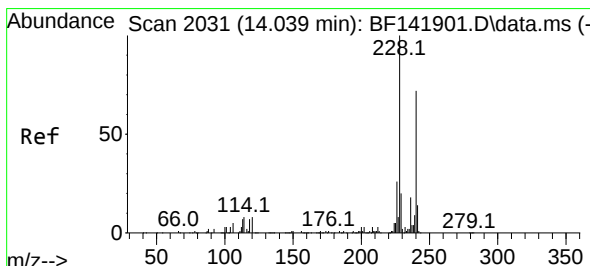
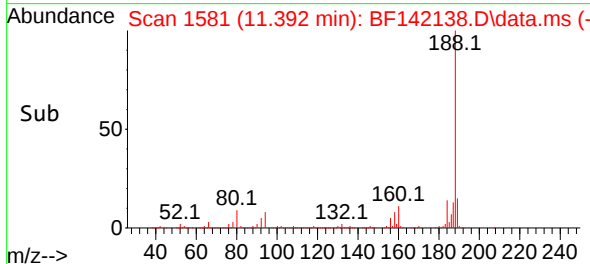
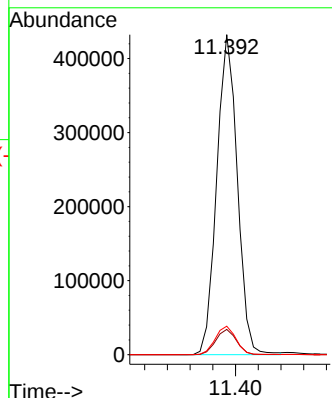
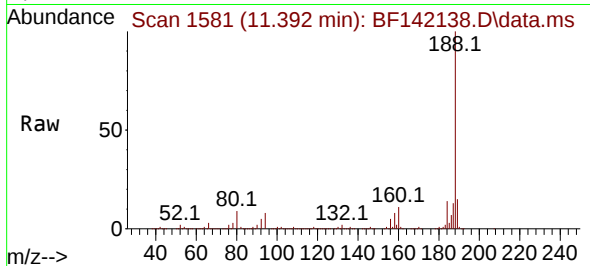




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142138.D
Acq: 27 Mar 2025 21:41

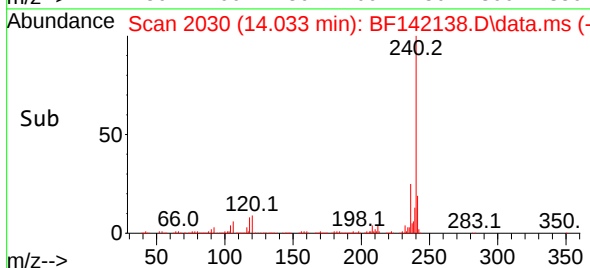
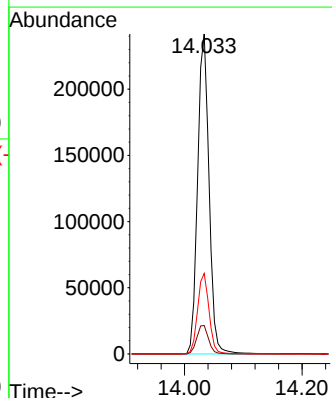
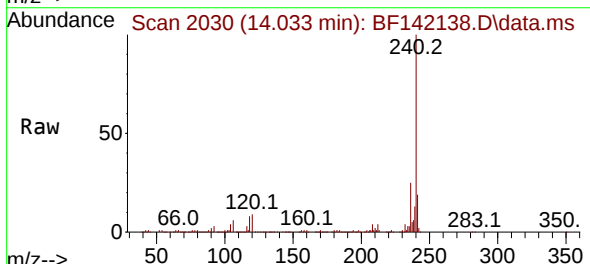
Instrument :
BNA_F
ClientSampleId :
TP-6

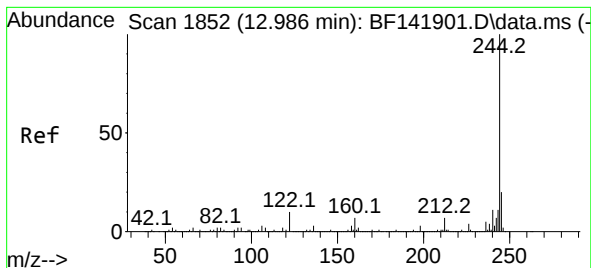
Tgt Ion:188 Resp: 544343
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142138.D
Acq: 27 Mar 2025 21:41

Tgt Ion:240 Resp: 325817
Ion Ratio Lower Upper
240 100
120 8.9 8.4 12.6
236 25.2 20.5 30.7





#79

Terphenyl-d14

Concen: 94.609 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142138.D

Acq: 27 Mar 2025 21:41

Instrument :

BNA_F

ClientSampleId :

TP-6

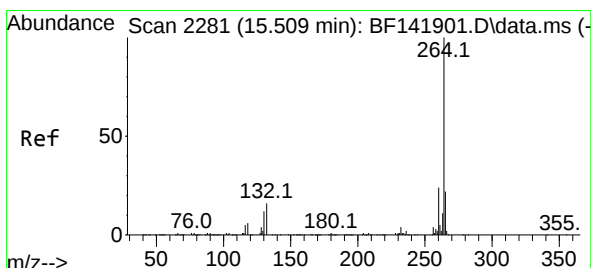
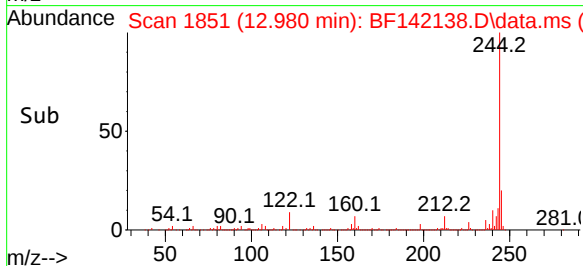
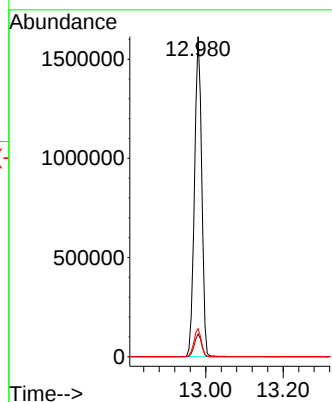
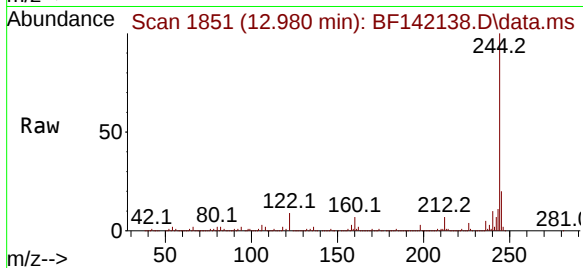
Tgt Ion:244 Resp: 2084953

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 8.8 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142138.D

Acq: 27 Mar 2025 21:41

Tgt Ion:264 Resp: 311989

Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

265 21.3 17.5 26.3

