

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
 Data File : BF142010.D
 Acq On : 20 Mar 2025 14:32
 Operator : RC/JU
 Sample : PB167206BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167206BL

Quant Time: Mar 20 15:15:02 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	6.875	152	145158	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	569678	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	322804	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	554478	20.000	ng	0.00
76) Chrysene-d12	14.033	240	299546	20.000	ng	0.00
86) Perylene-d12	15.510	264	241593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1180567	135.736	ng	0.00
7) Phenol-d6	6.498	99	1443467	130.349	ng	0.00
23) Nitrobenzene-d5	7.434	82	947553	93.604	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	575577	140.549	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1996481	94.059	ng	-0.01
79) Terphenyl-d14	12.980	244	2241764	110.646	ng	0.00

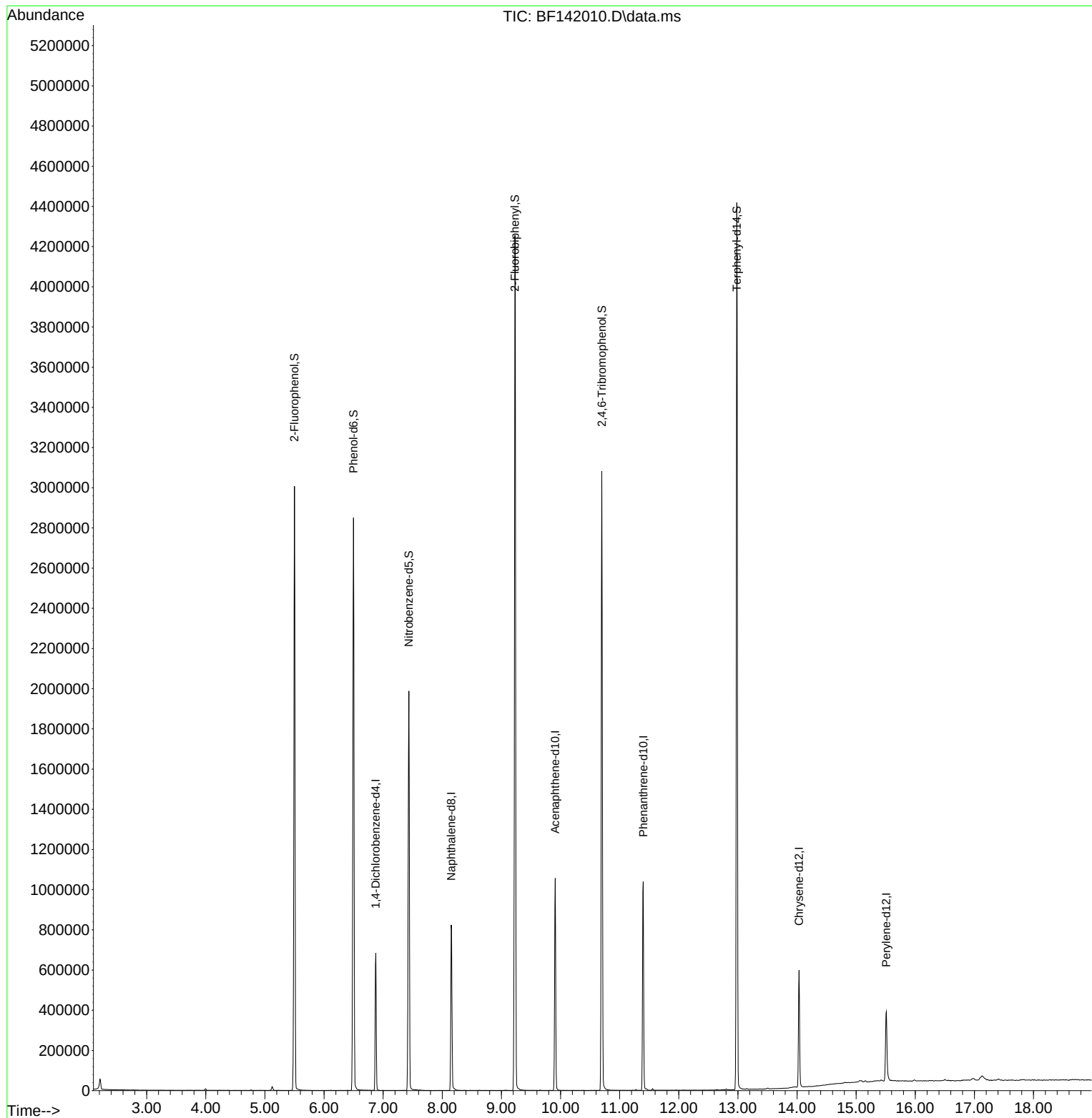
Target Compounds	Qvalue

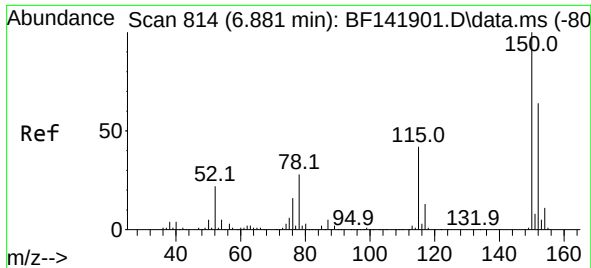
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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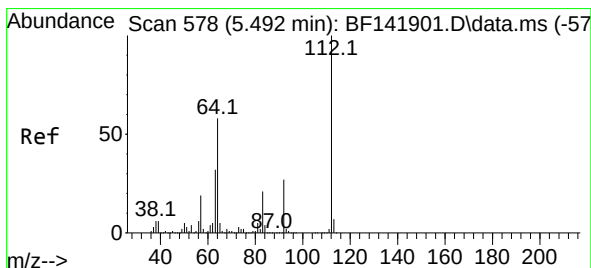
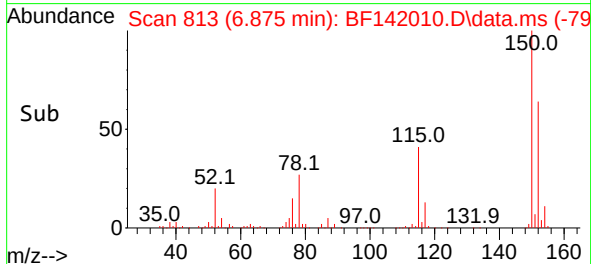
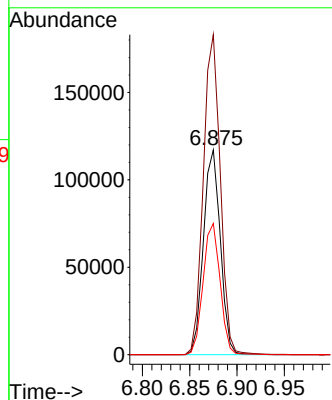
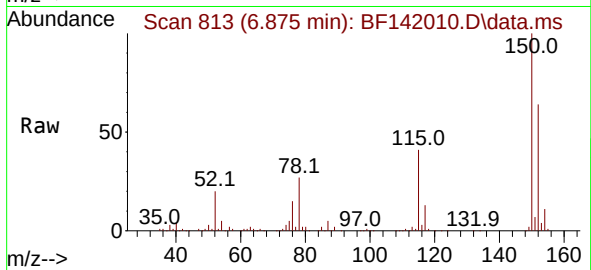




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142010.D
Acq: 20 Mar 2025 14:32

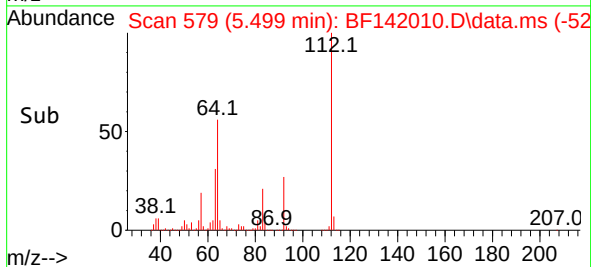
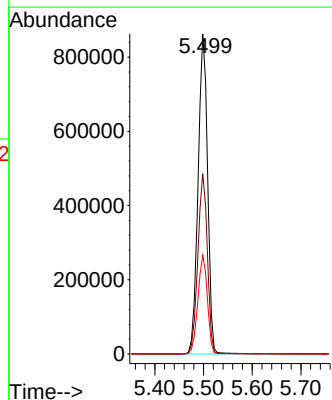
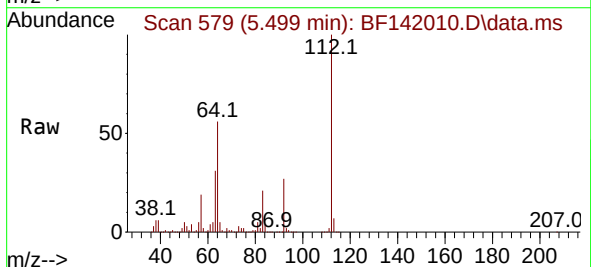
Instrument :
BNA_F
ClientSampleId :
PB167206BL

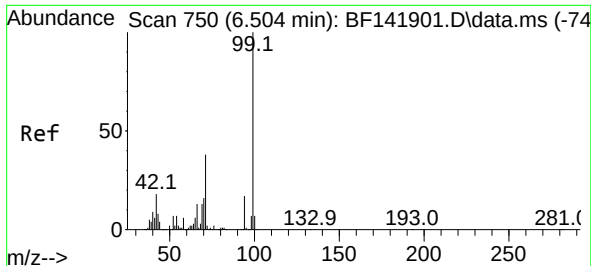
Tgt Ion:152 Resp: 145158
Ion Ratio Lower Upper
152 100
150 156.2 127.4 191.2
115 64.1 51.9 77.9



#5
2-Fluorophenol
Concen: 135.736 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF142010.D
Acq: 20 Mar 2025 14:32

Tgt Ion:112 Resp: 1180567
Ion Ratio Lower Upper
112 100
64 56.3 46.5 69.7
63 30.9 25.4 38.2

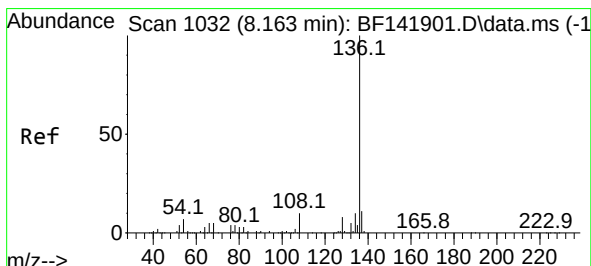
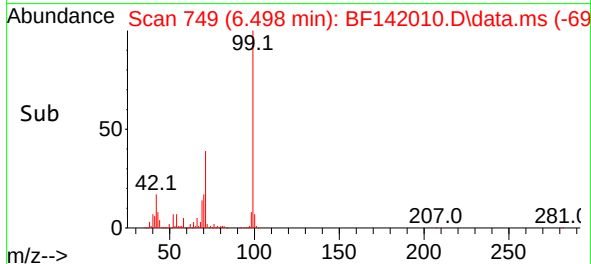
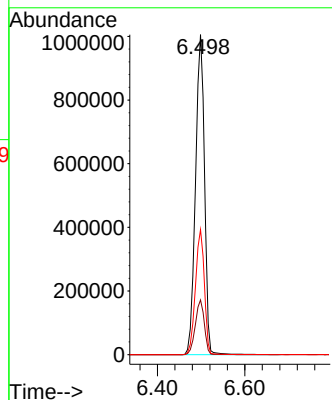
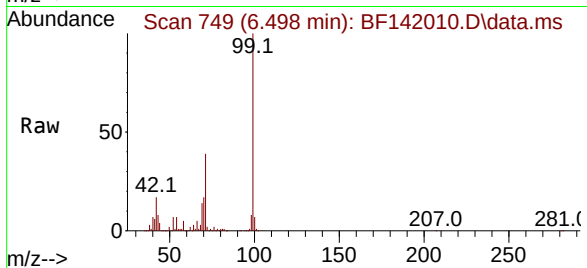




#7
Phenol-d6
Concen: 130.349 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142010.D
Acq: 20 Mar 2025 14:32

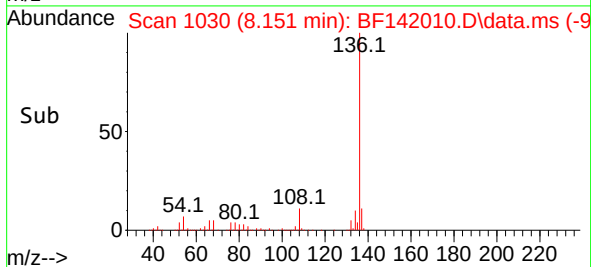
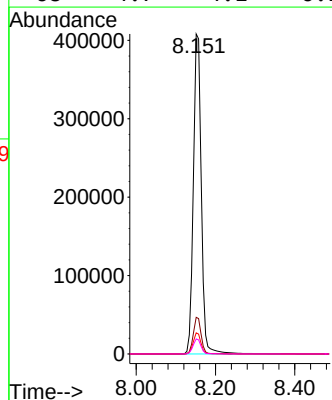
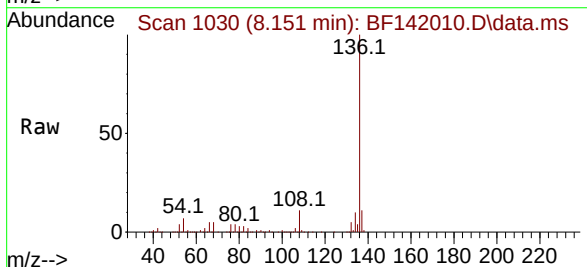
Instrument :
BNA_F
ClientSampleId :
PB167206BL

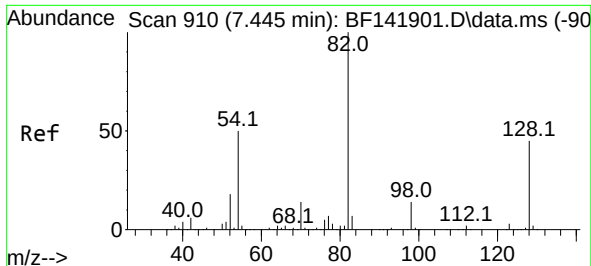
Tgt Ion: 99 Resp: 1443467
Ion Ratio Lower Upper
99 100
42 17.1 14.6 21.8
71 39.1 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142010.D
Acq: 20 Mar 2025 14:32

Tgt Ion:136 Resp: 569678
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 6.6 5.8 8.8
68 4.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 93.604 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142010.D

Acq: 20 Mar 2025 14:32

Instrument :

BNA_F

ClientSampleId :

PB167206BL

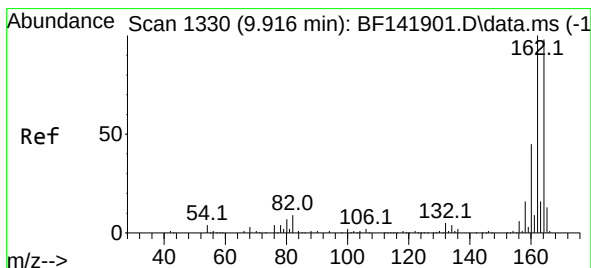
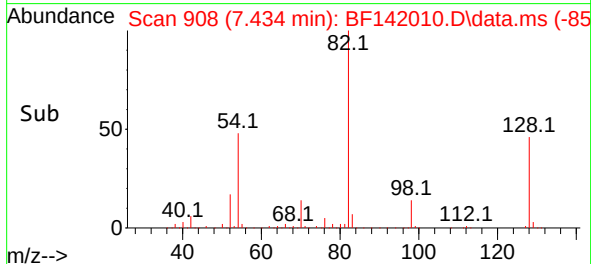
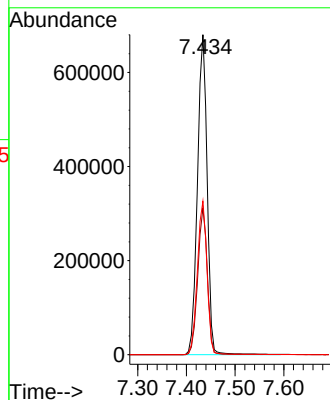
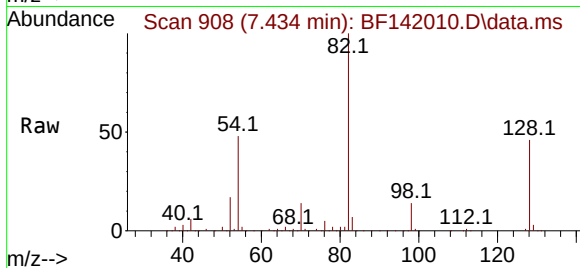
Tgt Ion: 82 Resp: 947553

Ion Ratio Lower Upper

82 100

128 45.8 36.0 54.0

54 48.0 39.6 59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF142010.D

Acq: 20 Mar 2025 14:32

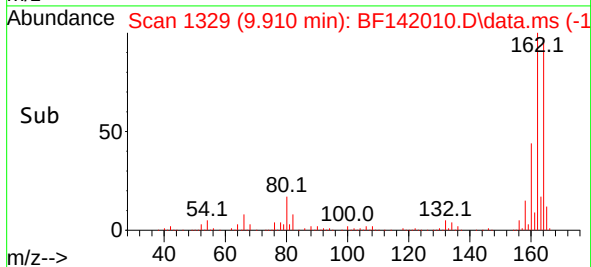
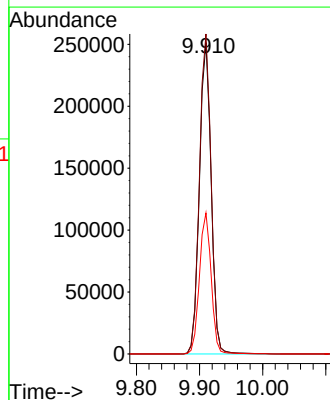
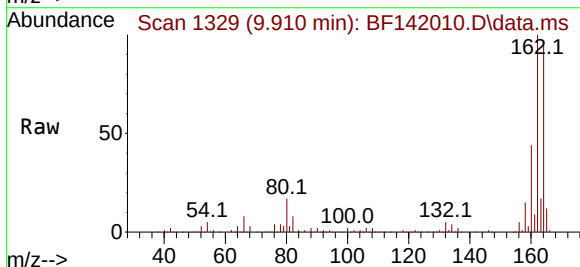
Tgt Ion:164 Resp: 322804

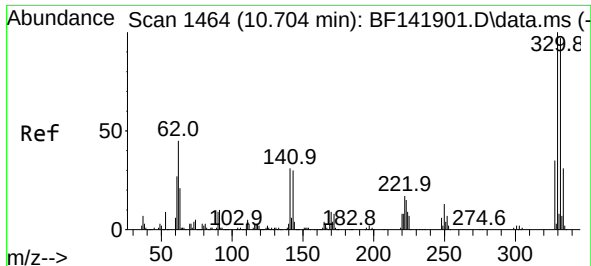
Ion Ratio Lower Upper

164 100

162 102.7 81.8 122.6

160 45.2 36.7 55.1

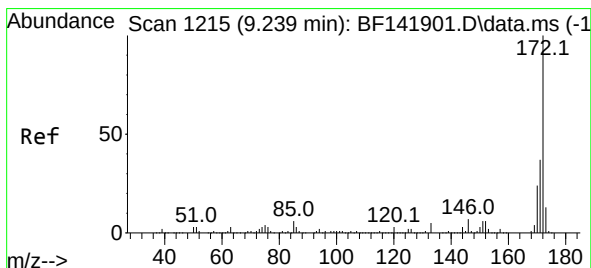
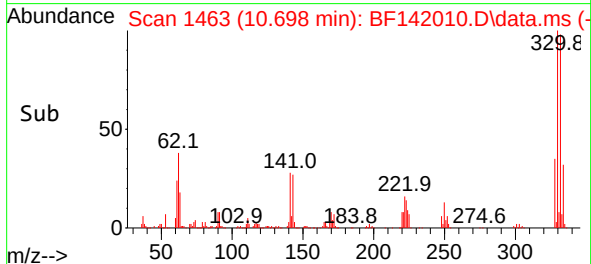
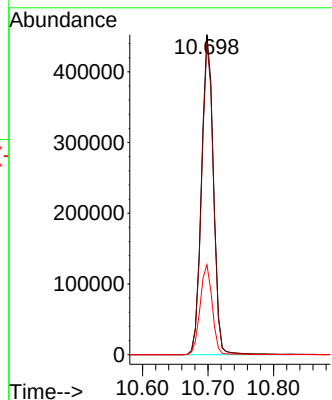
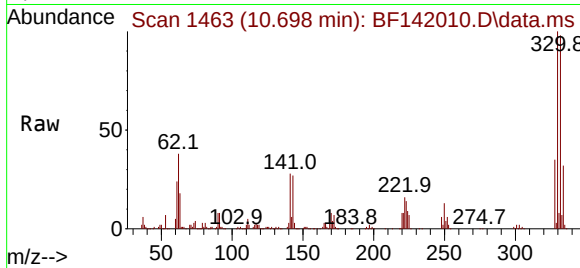




#42
 2,4,6-Tribromophenol
 Concen: 140.549 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF142010.D
 Acq: 20 Mar 2025 14:32

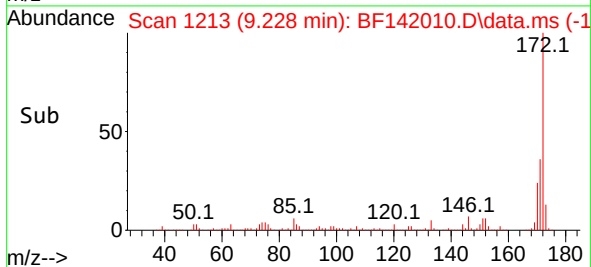
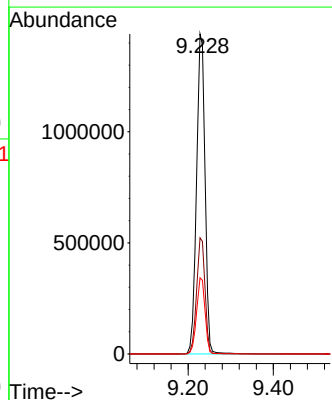
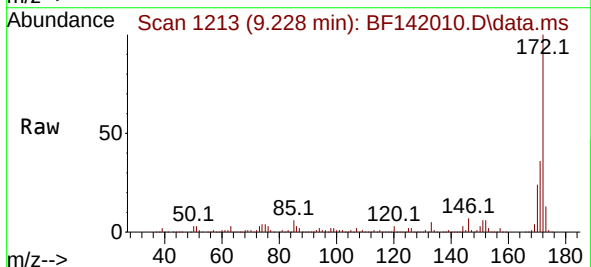
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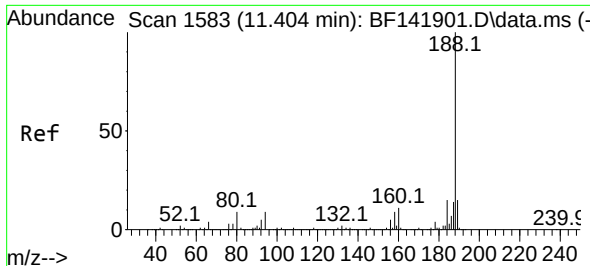
Tgt Ion:330 Resp: 575577
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.6 116.4
 141 28.6 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 94.059 ng
 RT: 9.228 min Scan# 1213
 Delta R.T. -0.012 min
 Lab File: BF142010.D
 Acq: 20 Mar 2025 14:32

Tgt Ion:172 Resp: 1996481
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.3 43.9
 170 23.8 19.4 29.0

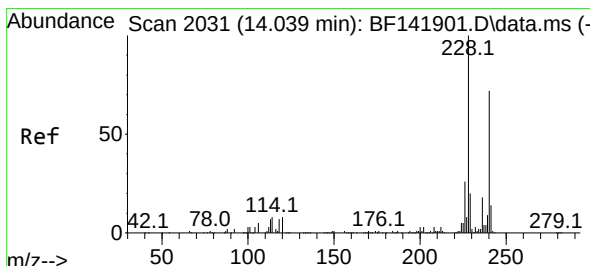
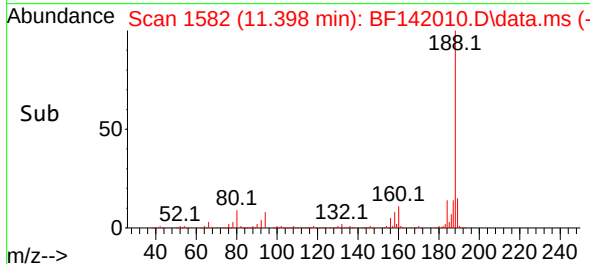
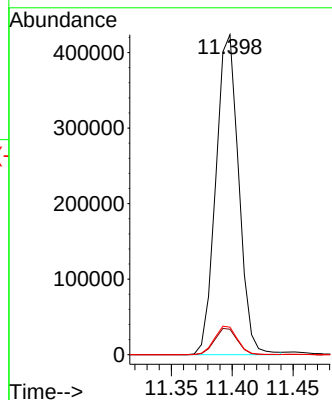
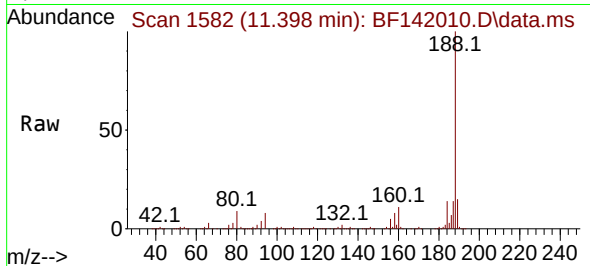




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142010.D
Acq: 20 Mar 2025 14:32

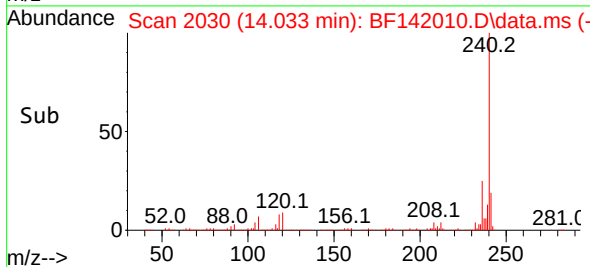
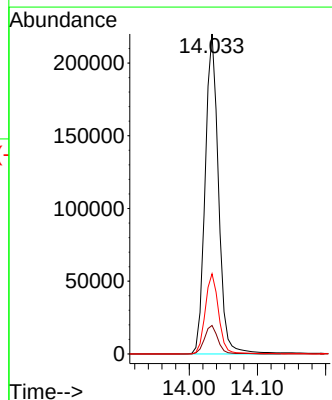
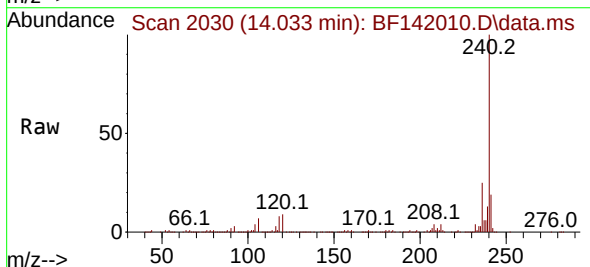
Instrument :
BNA_F
ClientSampleId :
PB167206BL

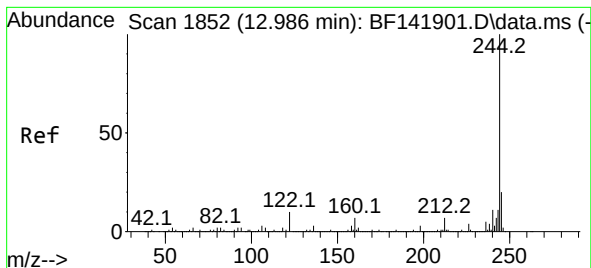
Tgt Ion:188 Resp: 554478
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.6 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142010.D
Acq: 20 Mar 2025 14:32

Tgt Ion:240 Resp: 299546
Ion Ratio Lower Upper
240 100
120 8.9 8.4 12.6
236 25.1 20.5 30.7





#79

Terphenyl-d14

Concen: 110.646 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142010.D

Acq: 20 Mar 2025 14:32

Instrument :

BNA_F

ClientSampleId :

PB167206BL

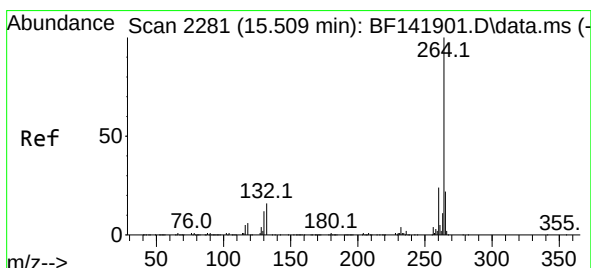
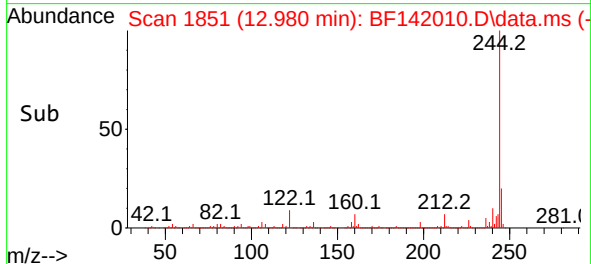
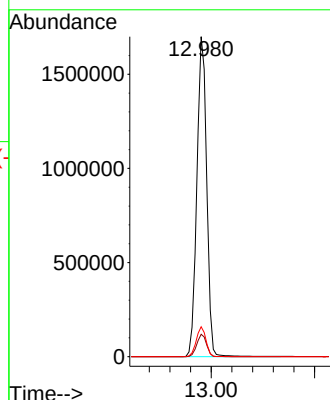
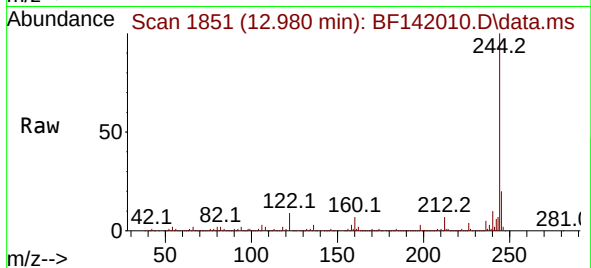
Tgt Ion:244 Resp: 2241764

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.3 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: BF142010.D

Acq: 20 Mar 2025 14:32

Tgt Ion:264 Resp: 241593

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.9 17.5 26.3

