

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
 Data File : BF142024.D
 Acq On : 21 Mar 2025 11:55
 Operator : RC/JU
 Sample : PB167228BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167228BL

Quant Time: Mar 21 12:18:34 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	146184	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	573821	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	319817	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	544660	20.000	ng	0.00
76) Chrysene-d12	14.033	240	267808	20.000	ng	0.00
86) Perylene-d12	15.510	264	231658	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1194299	136.351	ng	0.00
7) Phenol-d6	6.498	99	1446850	129.738	ng	0.00
23) Nitrobenzene-d5	7.434	82	966413	94.778	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	561009	138.271	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1998834	95.050	ng	-0.01
79) Terphenyl-d14	12.980	244	2177002	120.183	ng	0.00

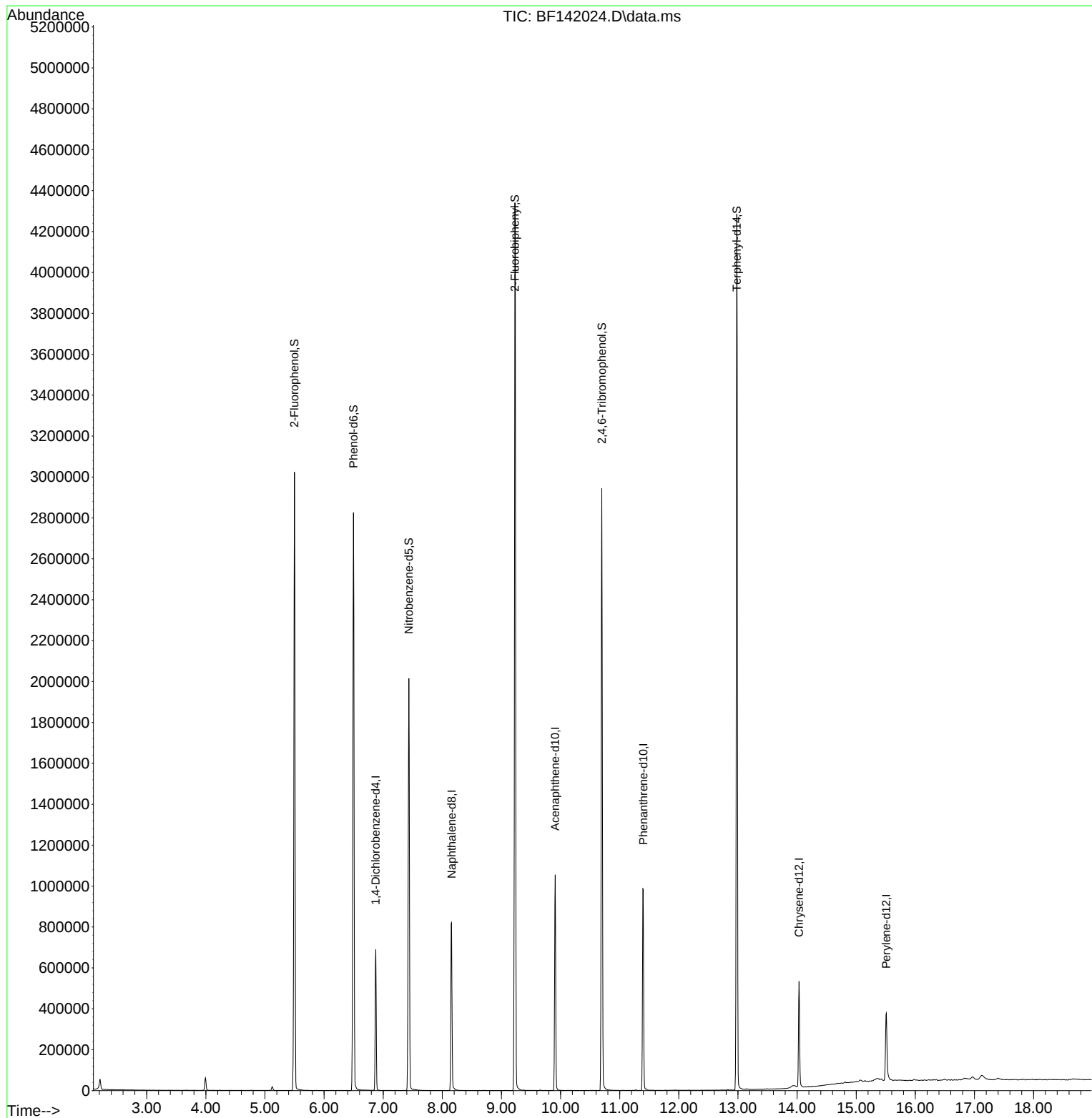
Target Compounds	Qvalue

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

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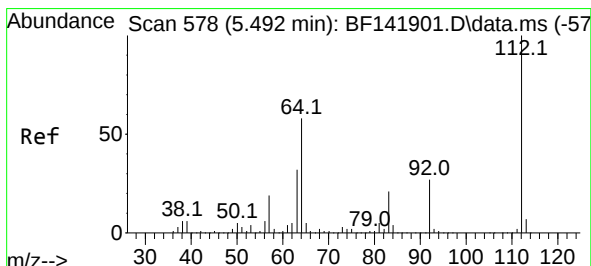
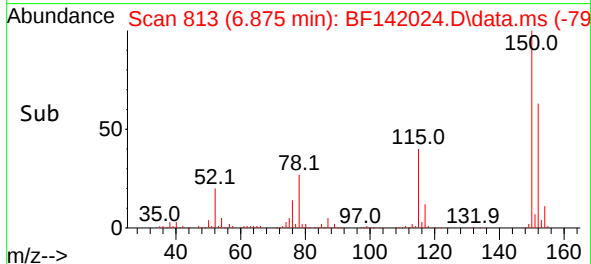
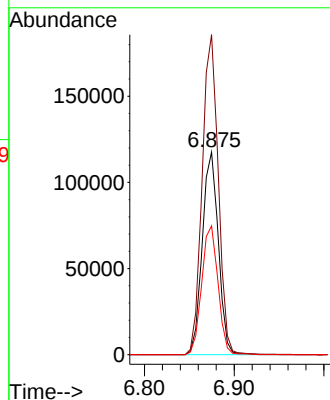
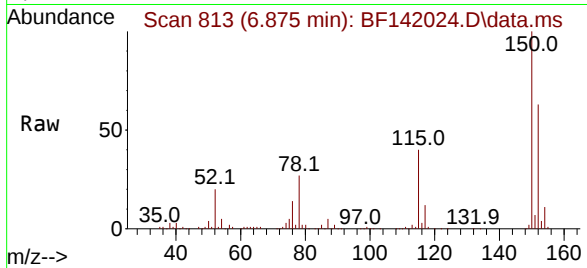




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142024.D
Acq: 21 Mar 2025 11:55

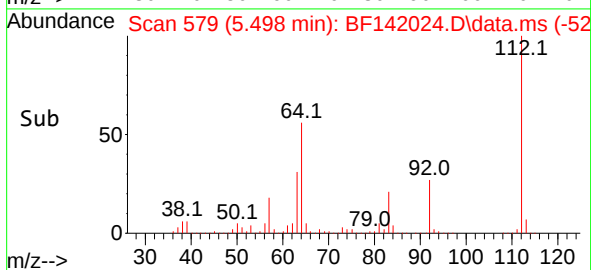
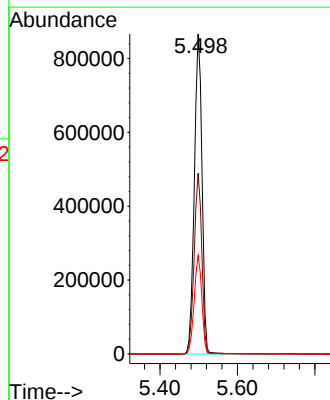
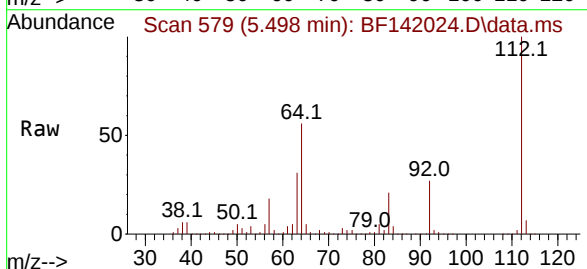
Instrument :
BNA_F
ClientSampleId :
PB167228BL

Tgt Ion:152 Resp: 146184
Ion Ratio Lower Upper
152 100
150 158.0 127.4 191.2
115 63.6 51.9 77.9



#5
2-Fluorophenol
Concen: 136.351 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF142024.D
Acq: 21 Mar 2025 11:55

Tgt Ion:112 Resp: 1194299
Ion Ratio Lower Upper
112 100
64 56.5 46.5 69.7
63 30.8 25.4 38.2

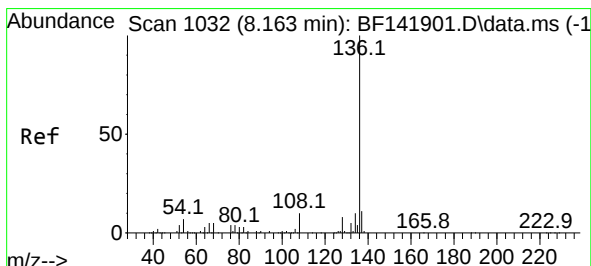
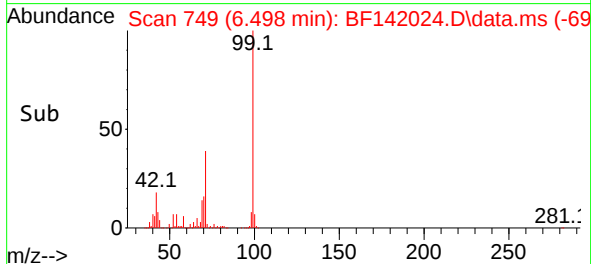
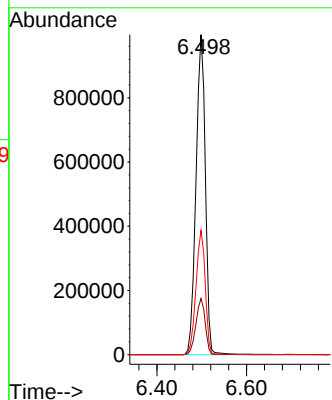
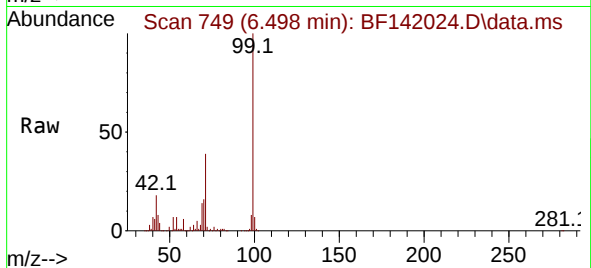




#7
Phenol-d6
Concen: 129.738 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142024.D
Acq: 21 Mar 2025 11:55

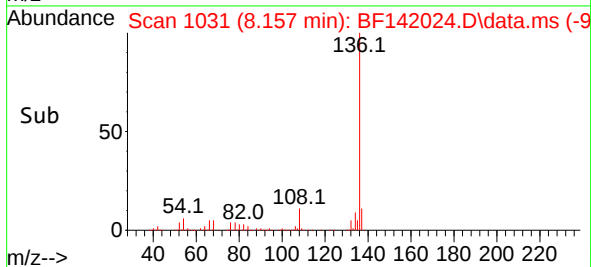
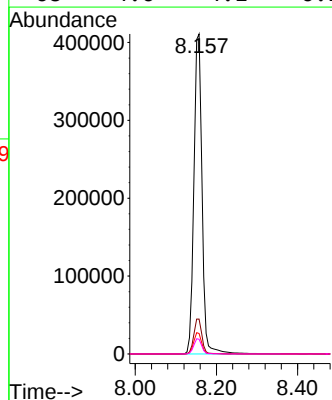
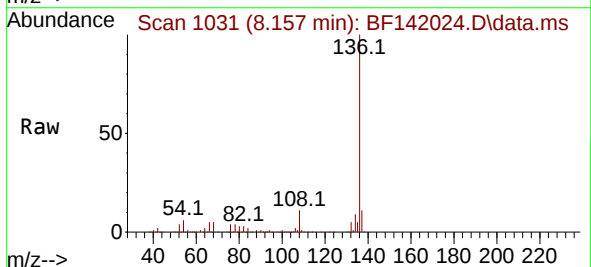
Instrument :
BNA_F
ClientSampleId :
PB167228BL

Tgt Ion: 99 Resp: 1446850
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 38.9 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142024.D
Acq: 21 Mar 2025 11:55

Tgt Ion:136 Resp: 573821
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.4 5.8 8.8
68 4.6 4.1 6.1

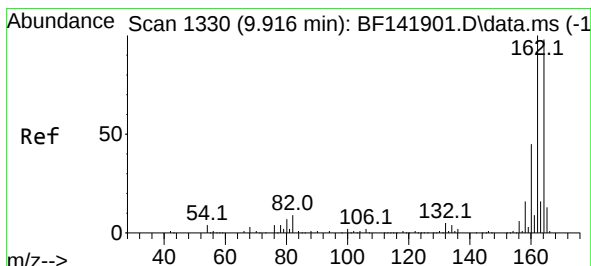
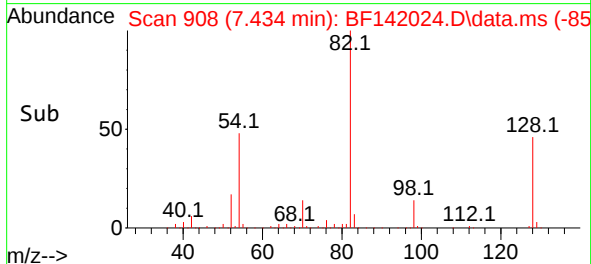
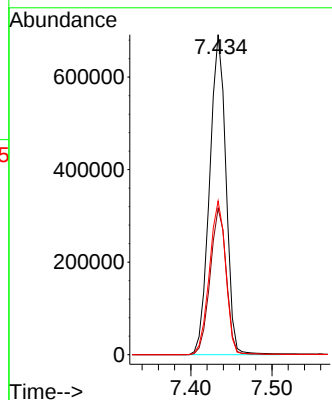
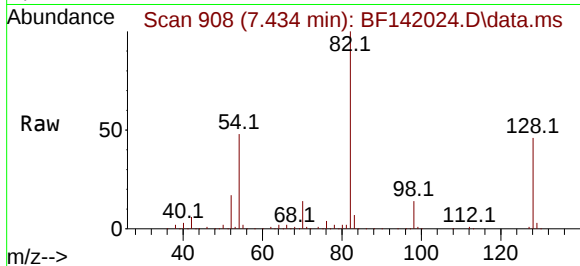




#23
 Nitrobenzene-d5
 Concen: 94.778 ng
 RT: 7.434 min Scan# 90
 Delta R.T. -0.012 min
 Lab File: BF142024.D
 Acq: 21 Mar 2025 11:55

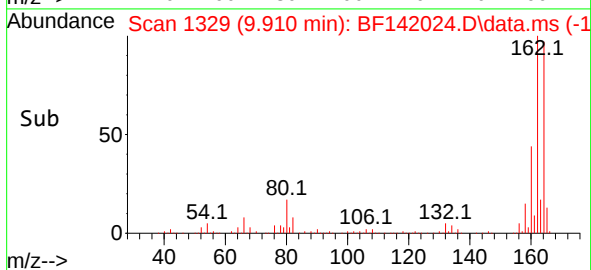
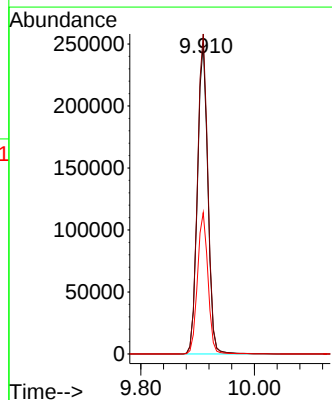
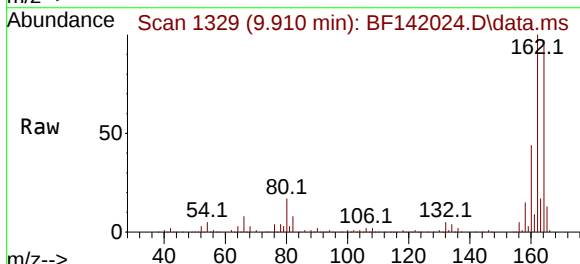
Instrument :
 BNA_F
 ClientSampleId :
 PB167228BL

Tgt Ion: 82 Resp: 966413
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.0 54.0
 54 48.1 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: BF142024.D
 Acq: 21 Mar 2025 11:55

Tgt Ion:164 Resp: 319817
 Ion Ratio Lower Upper
 164 100
 162 103.1 81.8 122.6
 160 45.5 36.7 55.1

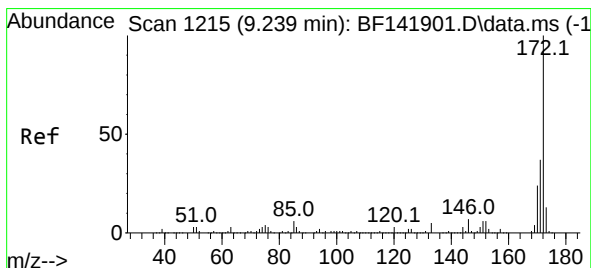
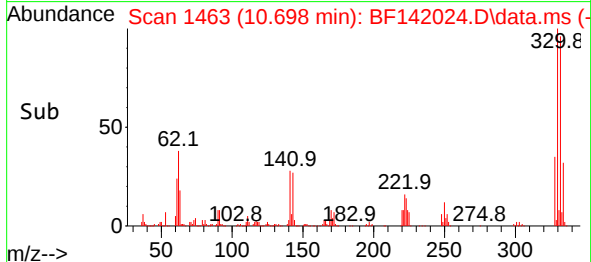
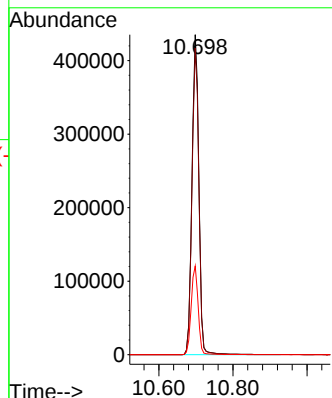
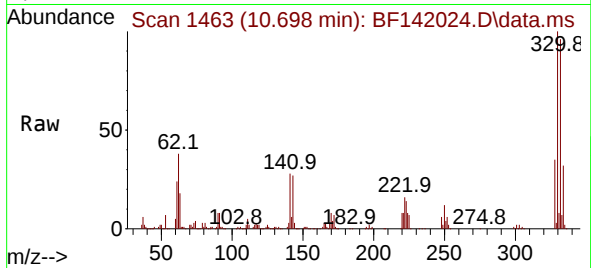




#42
2,4,6-Tribromophenol
Concen: 138.271 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142024.D
Acq: 21 Mar 2025 11:55

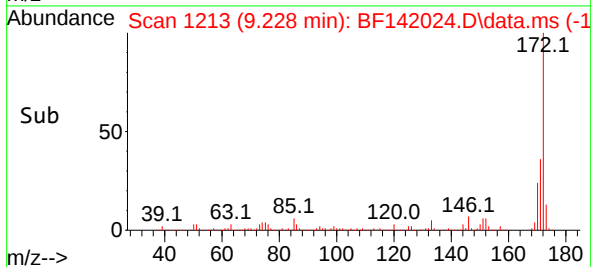
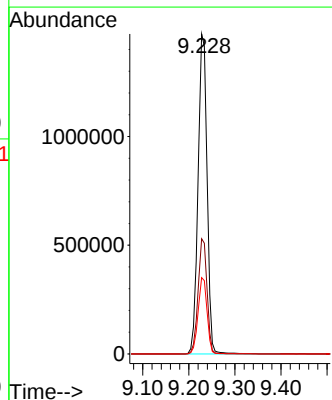
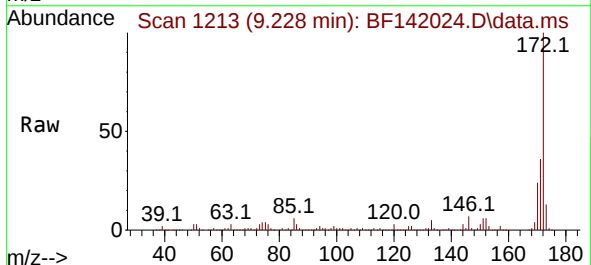
Instrument :
BNA_F
ClientSampleId :
PB167228BL

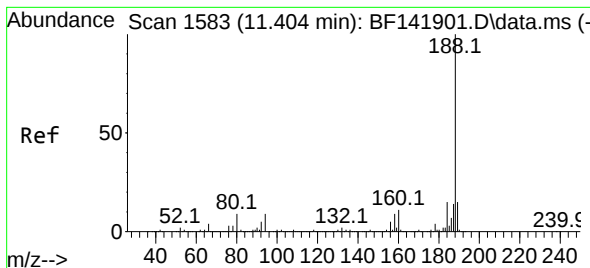
Tgt Ion:330 Resp: 561009
Ion Ratio Lower Upper
330 100
332 96.0 77.6 116.4
141 28.1 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 95.050 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142024.D
Acq: 21 Mar 2025 11:55

Tgt Ion:172 Resp: 1998834
Ion Ratio Lower Upper
172 100
171 36.0 29.3 43.9
170 23.9 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142024.D

Acq: 21 Mar 2025 11:55

Instrument :

BNA_F

ClientSampleId :

PB167228BL

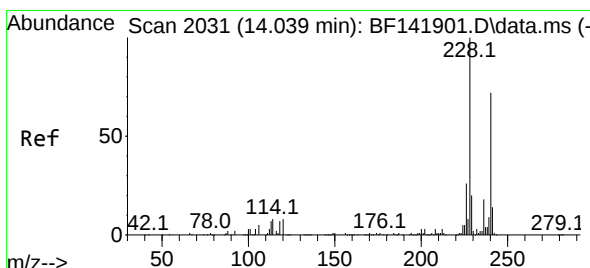
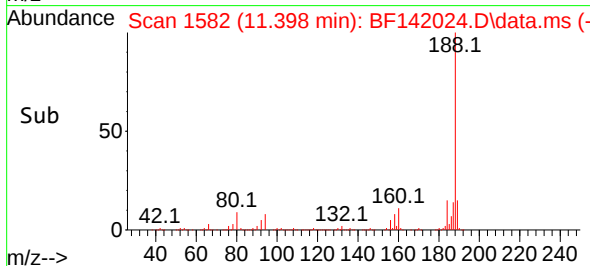
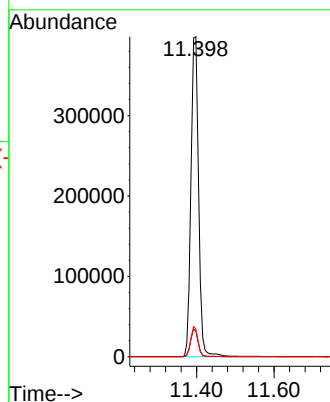
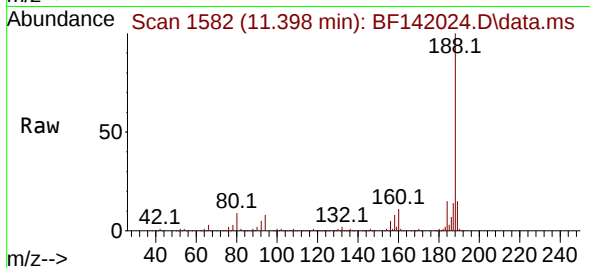
Tgt Ion:188 Resp: 544660

Ion Ratio Lower Upper

188 100

94 7.9 6.8 10.2

80 8.7 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: BF142024.D

Acq: 21 Mar 2025 11:55

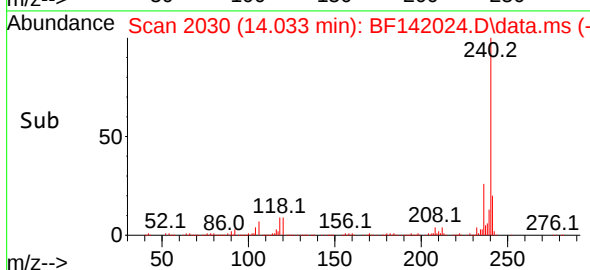
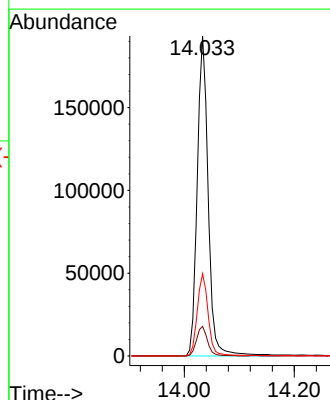
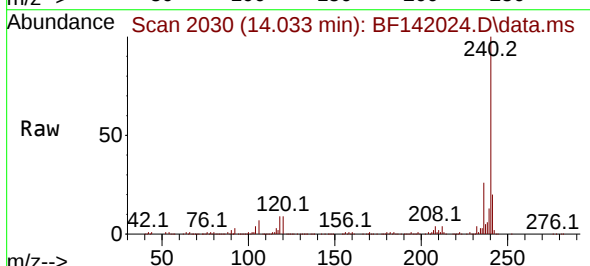
Tgt Ion:240 Resp: 267808

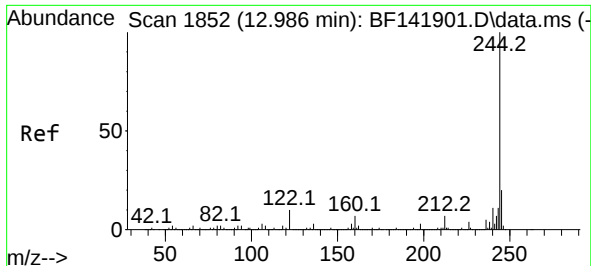
Ion Ratio Lower Upper

240 100

120 9.2 8.4 12.6

236 25.7 20.5 30.7

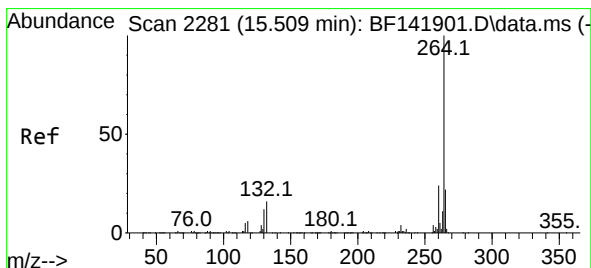
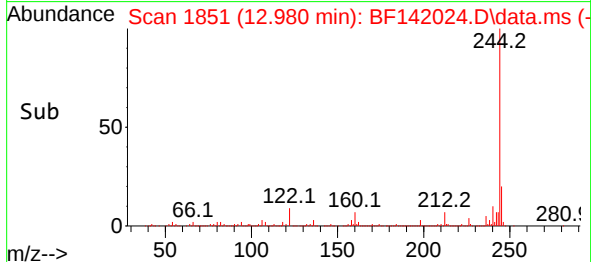
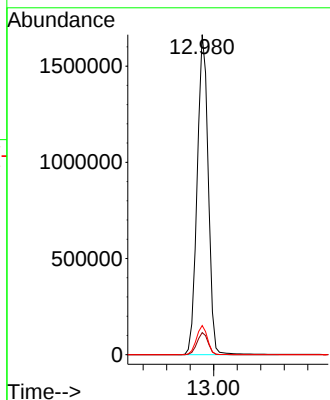
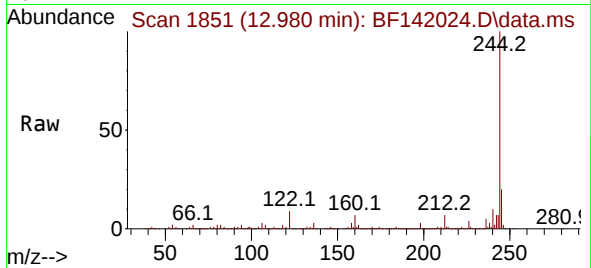




#79
 Terphenyl-d14
 Concen: 120.183 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142024.D
 Acq: 21 Mar 2025 11:55

Instrument :
 BNA_F
 ClientSampleId :
 PB167228BL

Tgt Ion:244 Resp: 2177002
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.1 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: BF142024.D
 Acq: 21 Mar 2025 11:55

Tgt Ion:264 Resp: 231658
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.8 17.5 26.3

