

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
 Data File : BF141934.D
 Acq On : 12 Mar 2025 11:36
 Operator : RC/JU
 Sample : PB167049TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167049TB

Quant Time: Mar 12 14:25:55 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	6.881	152	142295	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	563532	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	313655	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	544655	20.000	ng	0.00
76) Chrysene-d12	14.033	240	397000	20.000	ng	0.00
86) Perylene-d12	15.510	264	371048	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1211368	142.080	ng	0.01
7) Phenol-d6	6.498	99	1464894	134.946	ng	0.00
23) Nitrobenzene-d5	7.439	82	977884	97.654	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	573413	144.105	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2026881	98.277	ng	0.00
79) Terphenyl-d14	12.986	244	2438762	90.821	ng	0.00

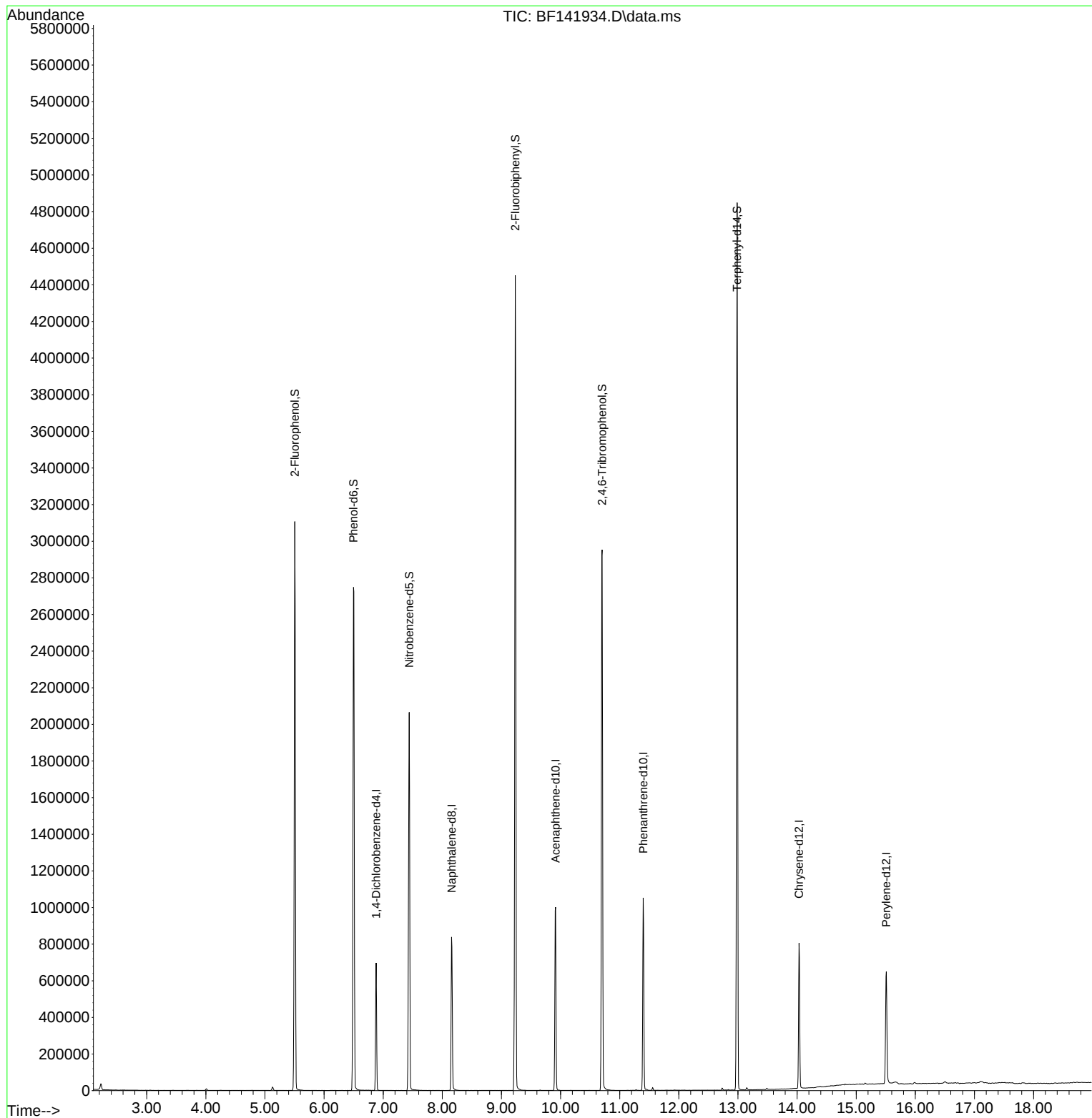
Target Compounds	Qvalue

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

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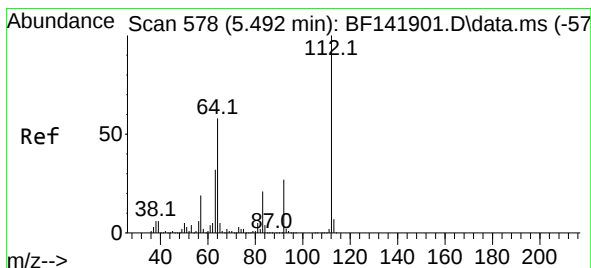
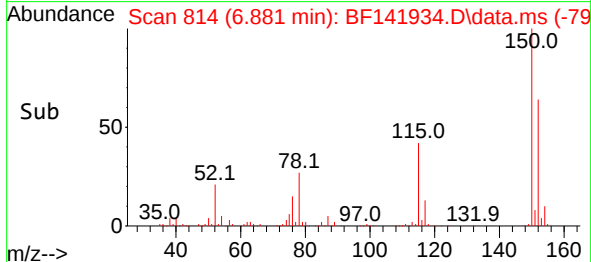
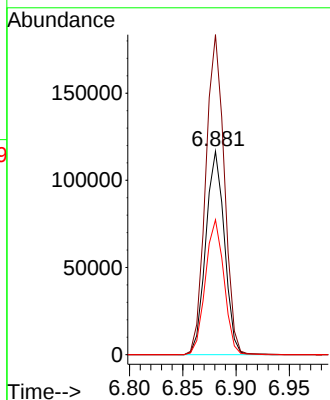
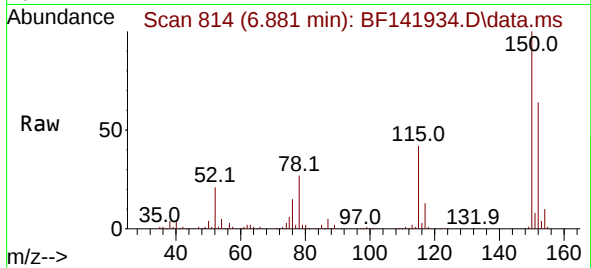




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

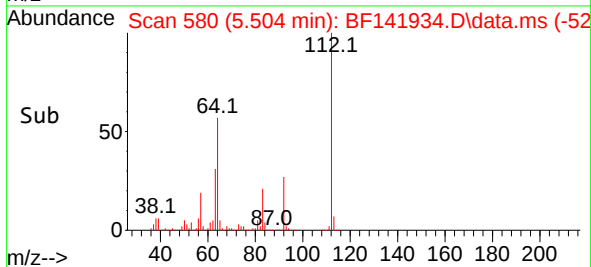
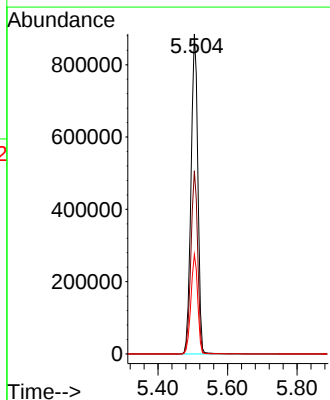
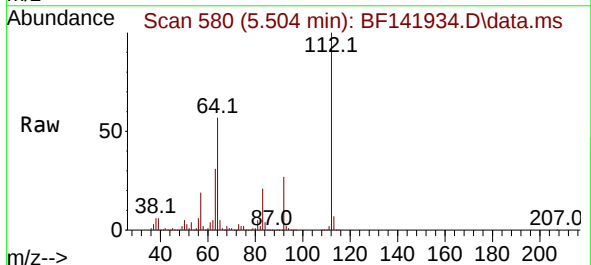
Instrument :
BNA_F
ClientSampleId :
PB167049TB

Tgt Ion:152 Resp: 142295
Ion Ratio Lower Upper
152 100
150 157.3 127.4 191.2
115 66.3 51.9 77.9



#5
2-Fluorophenol
Concen: 142.080 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

Tgt Ion:112 Resp: 1211368
Ion Ratio Lower Upper
112 100
64 57.3 46.5 69.7
63 31.1 25.4 38.2

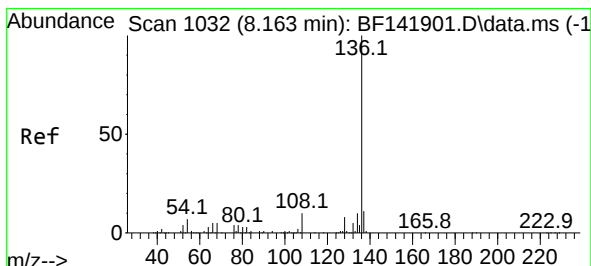
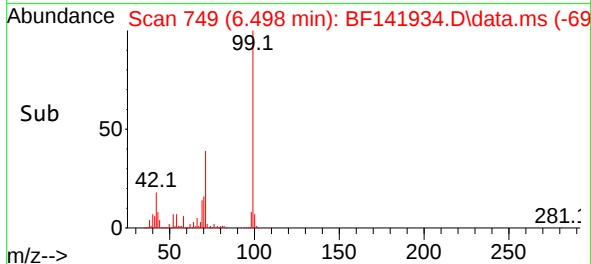
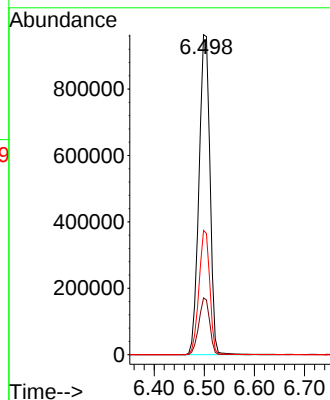
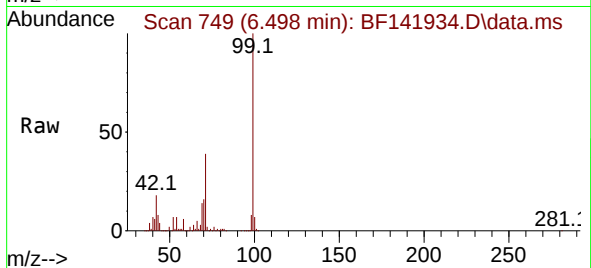




#7
Phenol-d6
Concen: 134.946 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

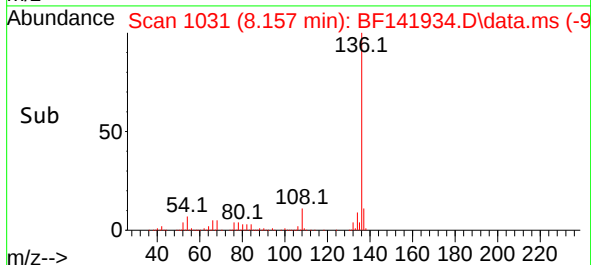
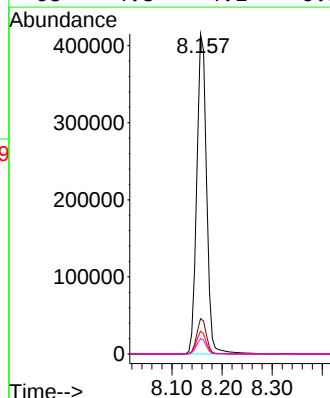
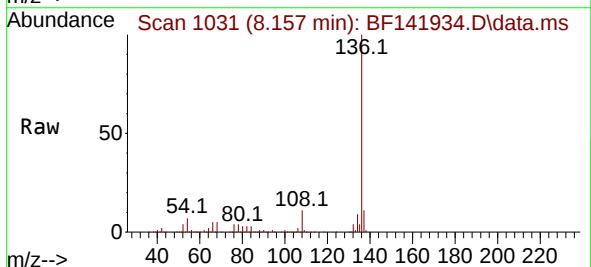
Instrument :
BNA_F
ClientSampleId :
PB167049TB

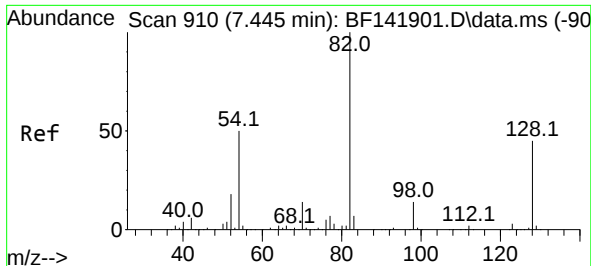
Tgt Ion: 99 Resp: 1464894
Ion Ratio Lower Upper
99 100
42 17.8 14.6 21.8
71 38.8 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

Tgt Ion:136 Resp: 563532
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.1 5.8 8.8
68 4.8 4.1 6.1

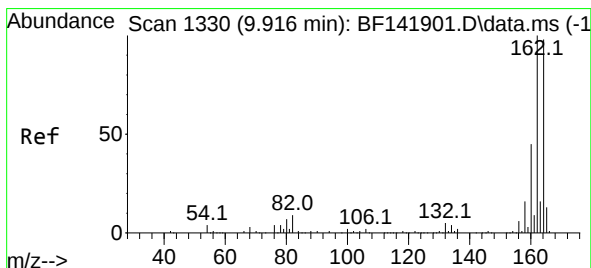
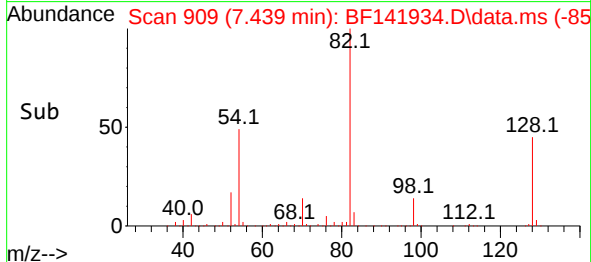
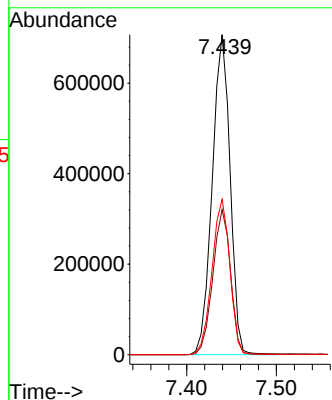
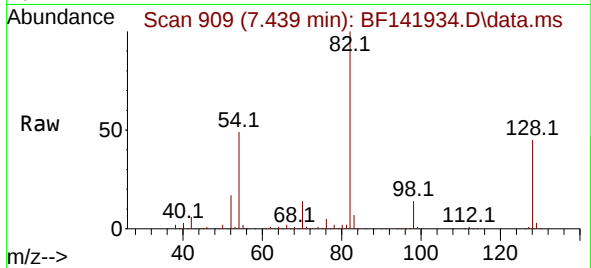




#23
Nitrobenzene-d5
Concen: 97.654 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

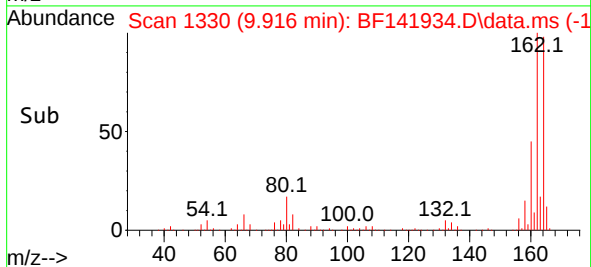
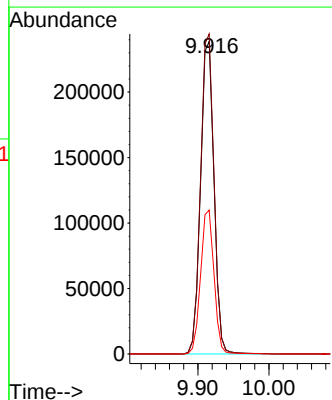
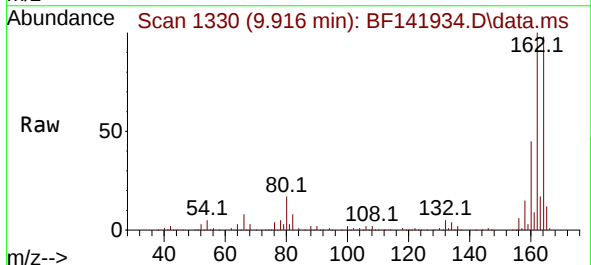
Instrument :
BNA_F
ClientSampleId :
PB167049TB

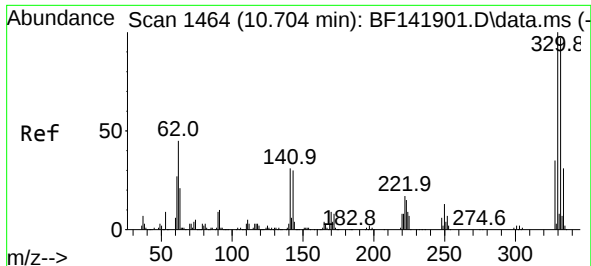
Tgt Ion: 82 Resp: 977884
Ion Ratio Lower Upper
82 100
128 45.3 36.0 54.0
54 48.5 39.6 59.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

Tgt Ion:164 Resp: 313655
Ion Ratio Lower Upper
164 100
162 102.4 81.8 122.6
160 46.0 36.7 55.1

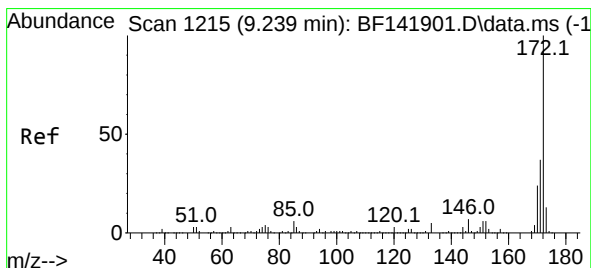
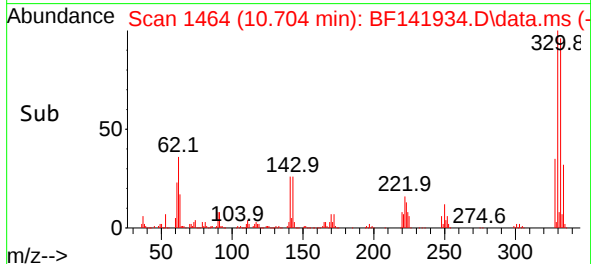
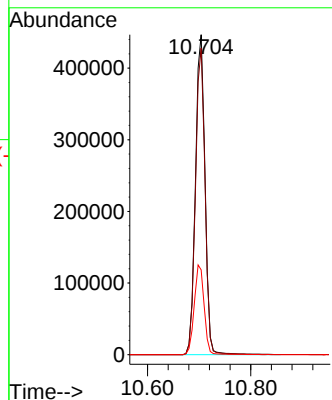
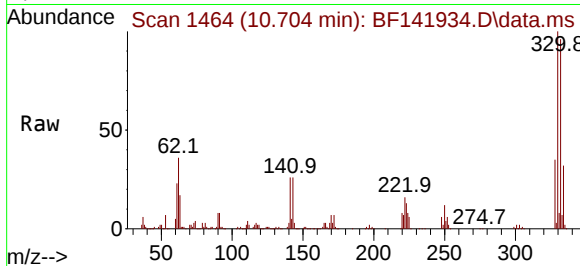




#42
 2,4,6-Tribromophenol
 Concen: 144.105 ng
 RT: 10.704 min Scan# 1464
 Delta R.T. 0.000 min
 Lab File: BF141934.D
 Acq: 12 Mar 2025 11:36

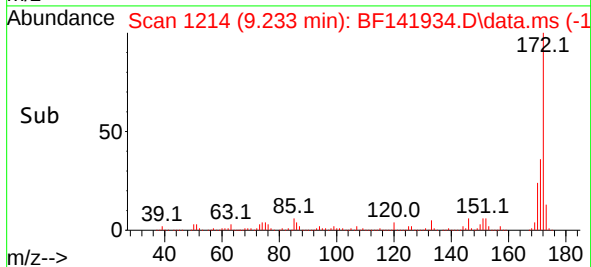
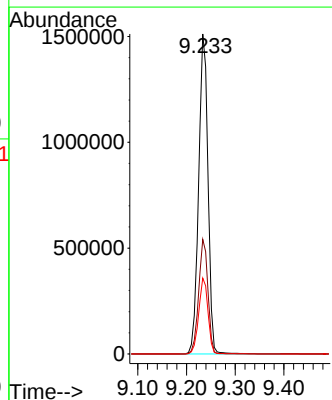
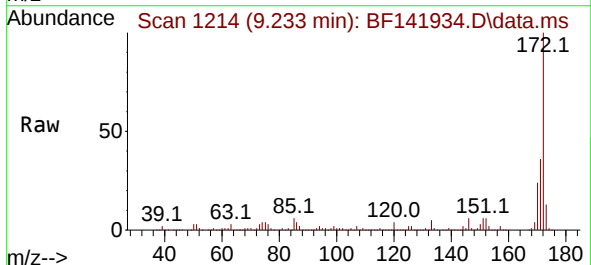
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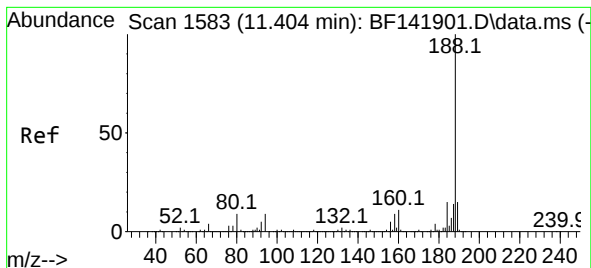
Tgt Ion:330 Resp: 573413
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.6 116.4
 141 29.2 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 98.277 ng
 RT: 9.233 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: BF141934.D
 Acq: 12 Mar 2025 11:36

Tgt Ion:172 Resp: 2026881
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.3 43.9
 170 23.7 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: BF141934.D

Acq: 12 Mar 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB167049TB

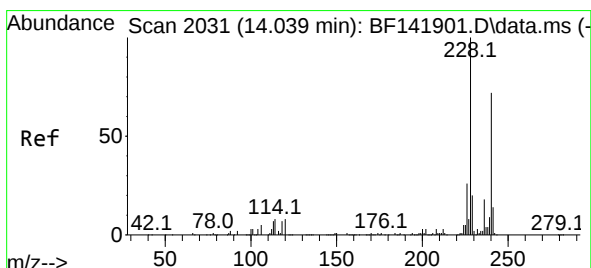
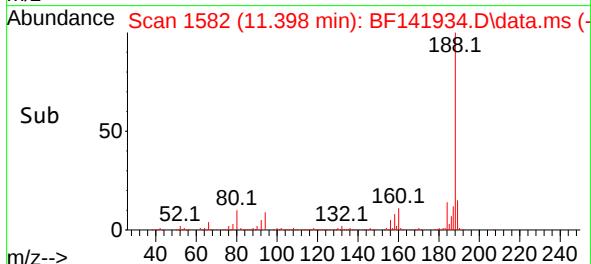
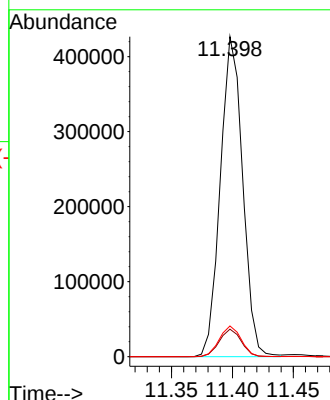
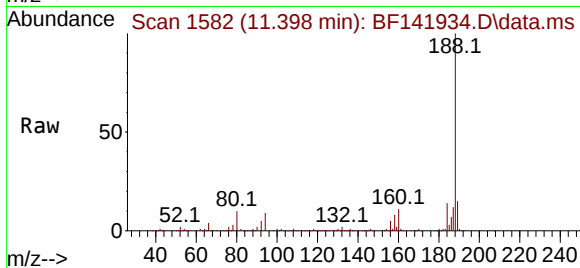
Tgt Ion:188 Resp: 544655

Ion Ratio Lower Upper

188 100

94 8.6 6.8 10.2

80 9.6 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: BF141934.D

Acq: 12 Mar 2025 11:36

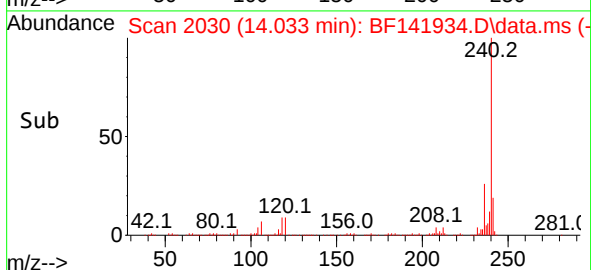
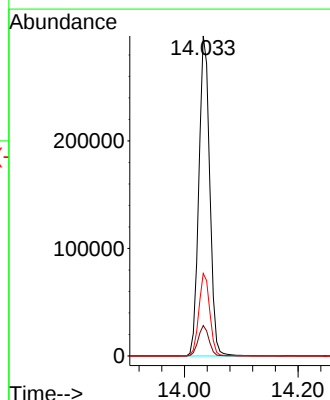
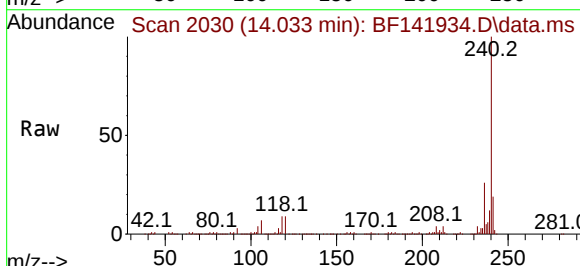
Tgt Ion:240 Resp: 397000

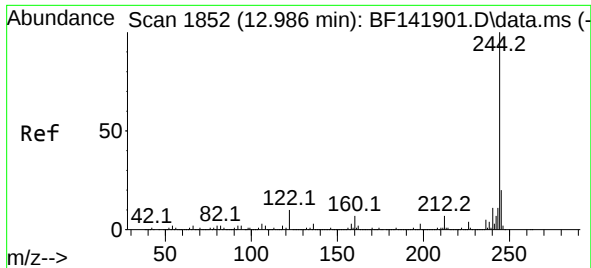
Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

236 25.8 20.5 30.7

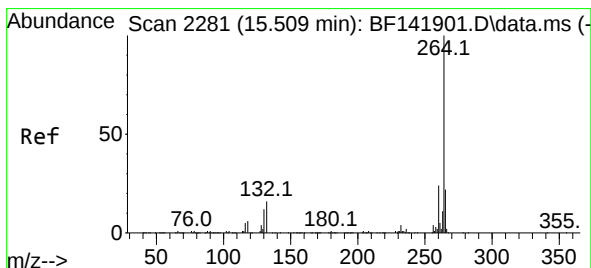
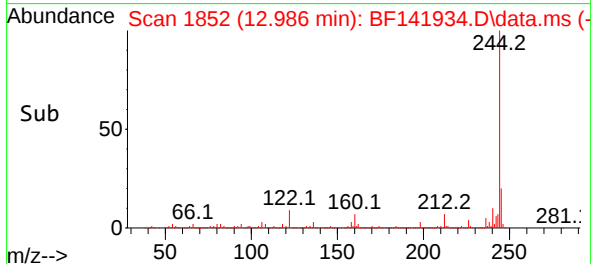
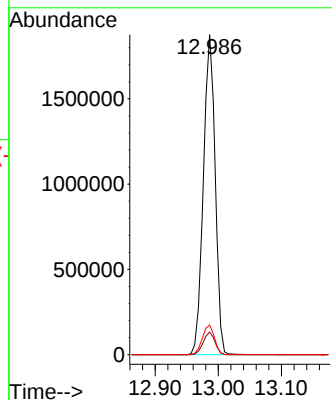
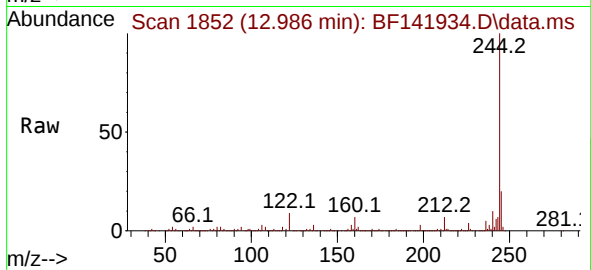




#79
 Terphenyl-d14
 Concen: 90.821 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF141934.D
 Acq: 12 Mar 2025 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB167049TB

Tgt Ion:244 Resp: 2438762
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.2 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: BF141934.D
 Acq: 12 Mar 2025 11:36

Tgt Ion:264 Resp: 371048
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.6 17.5 26.3

