

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
 Data File : BF141956.D
 Acq On : 14 Mar 2025 10:40
 Operator : RC/JU
 Sample : PB167113BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167113BL

Quant Time: Mar 14 11:51:05 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	148925	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	584119	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	336862	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	585800	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	333618	20.000	ng	0.00
86) Perylene-d12	15.504	264	322751	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1218735	136.580	ng	0.01
7) Phenol-d6	6.498	99	1492805	131.395	ng	0.00
23) Nitrobenzene-d5	7.434	82	987357	95.125	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	609701	142.669	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2071781	93.533	ng	0.00
79) Terphenyl-d14	12.980	244	2551856	113.087	ng	0.00

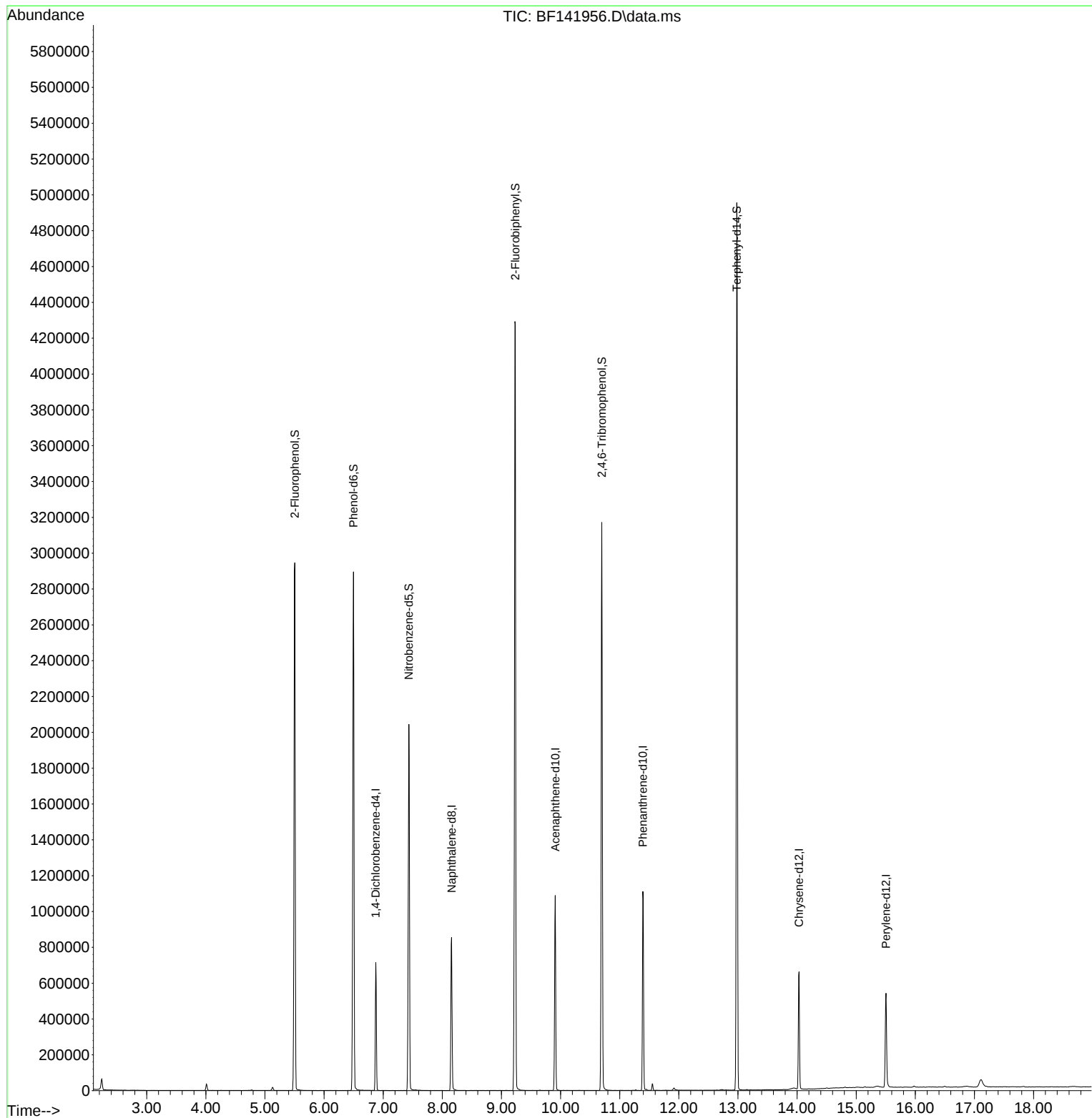
Target Compounds	Qvalue

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

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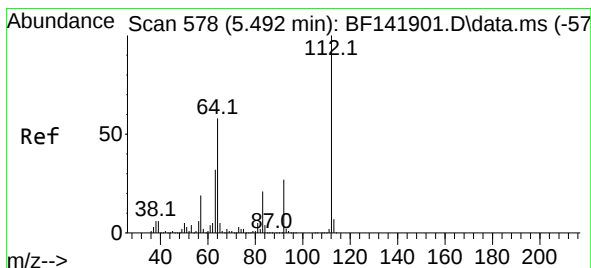
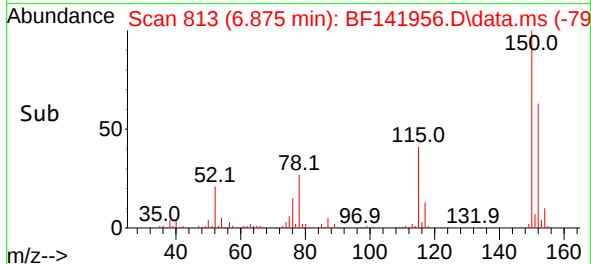
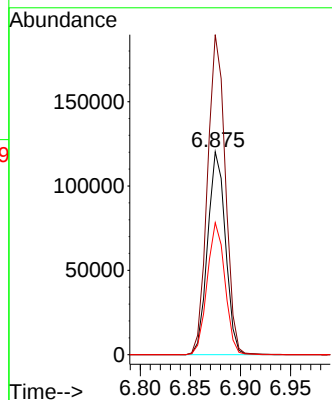
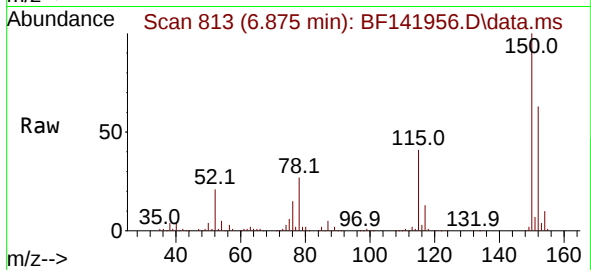




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF141956.D
Acq: 14 Mar 2025 10:40

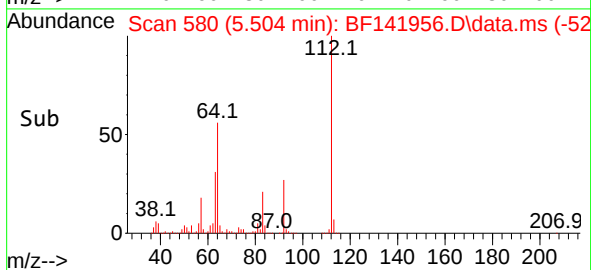
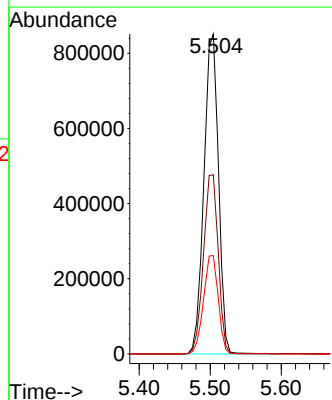
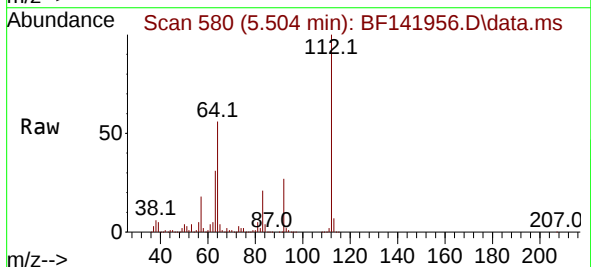
Instrument :
BNA_F
ClientSampleId :
PB167113BL

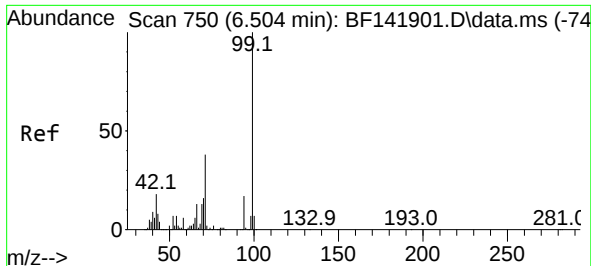
Tgt Ion:152 Resp: 148925
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.2
115 65.1 51.9 77.9



#5
2-Fluorophenol
Concen: 136.580 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF141956.D
Acq: 14 Mar 2025 10:40

Tgt Ion:112 Resp: 1218735
Ion Ratio Lower Upper
112 100
64 56.0 46.5 69.7
63 30.8 25.4 38.2

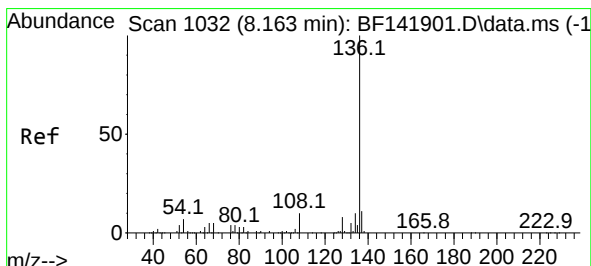
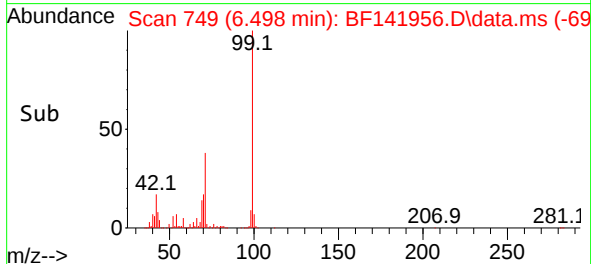
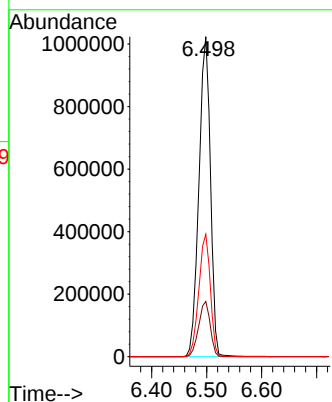
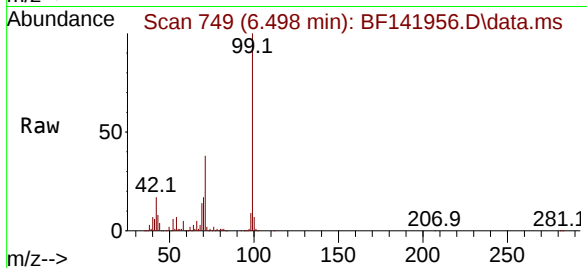




#7
Phenol-d6
Concen: 131.395 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF141956.D
Acq: 14 Mar 2025 10:40

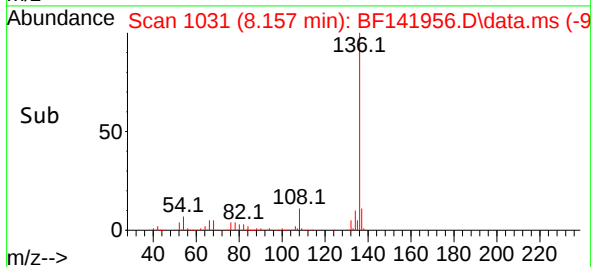
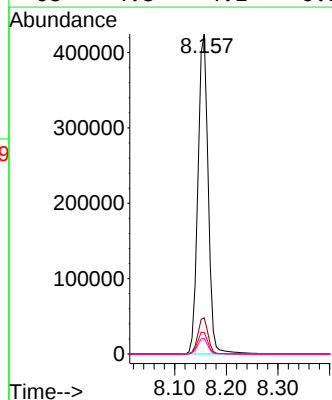
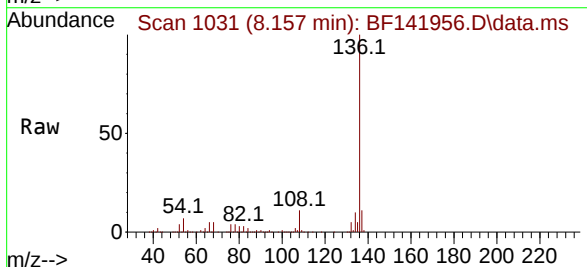
Instrument :
BNA_F
ClientSampleId :
PB167113BL

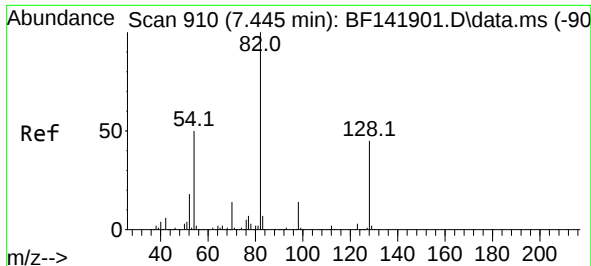
Tgt Ion: 99 Resp: 1492805
Ion Ratio Lower Upper
99 100
42 17.2 14.6 21.8
71 38.2 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141956.D
Acq: 14 Mar 2025 10:40

Tgt Ion:136 Resp: 584119
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.8 5.8 8.8
68 4.8 4.1 6.1

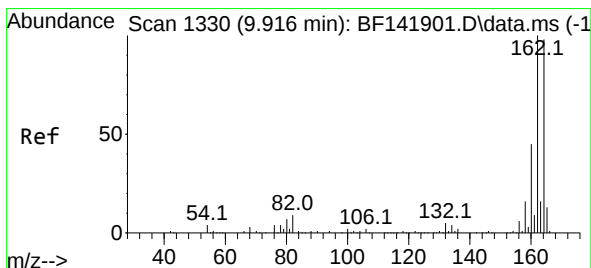
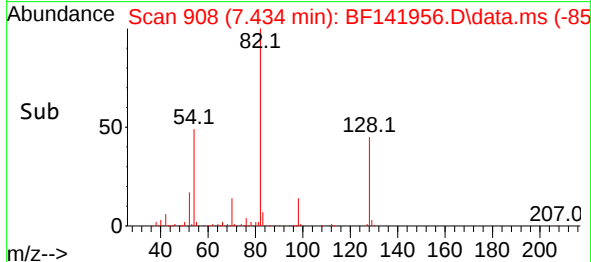
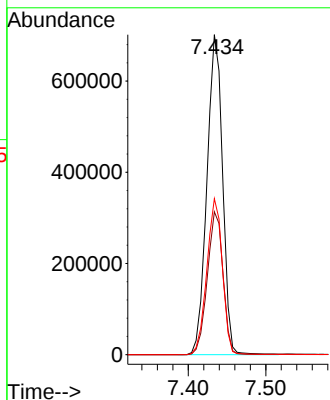
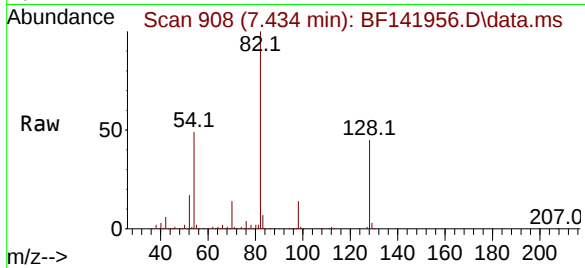




#23
Nitrobenzene-d5
Concen: 95.125 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF141956.D
Acq: 14 Mar 2025 10:40

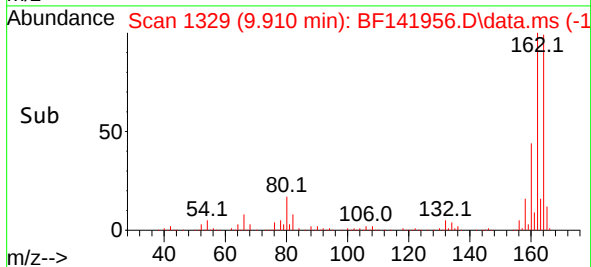
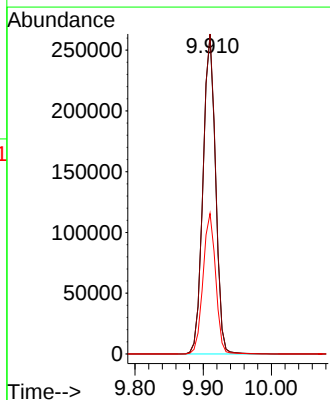
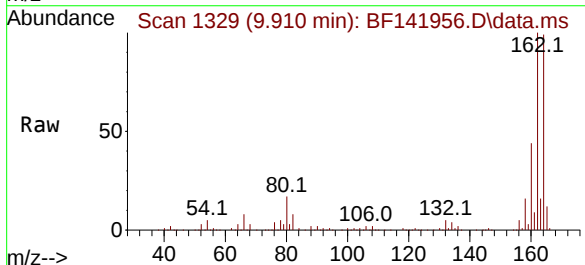
Instrument :
BNA_F
ClientSampleId :
PB167113BL

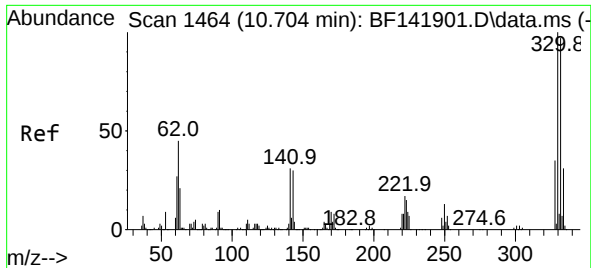
Tgt Ion: 82 Resp: 987357
Ion Ratio Lower Upper
82 100
128 44.6 36.0 54.0
54 48.7 39.6 59.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141956.D
Acq: 14 Mar 2025 10:40

Tgt Ion:164 Resp: 336862
Ion Ratio Lower Upper
164 100
162 100.6 81.8 122.6
160 44.2 36.7 55.1

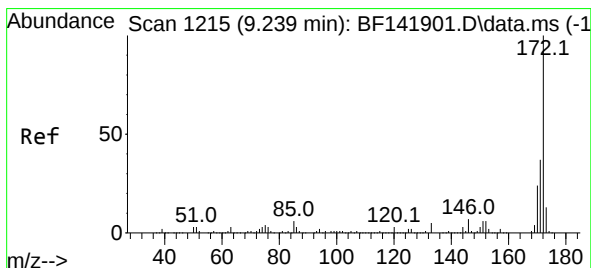
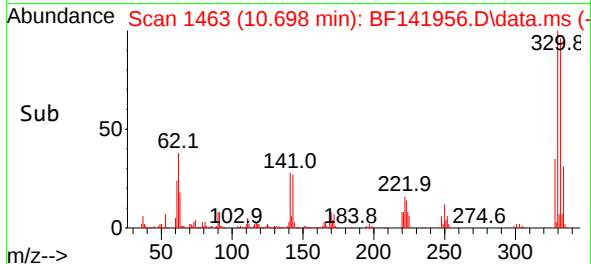
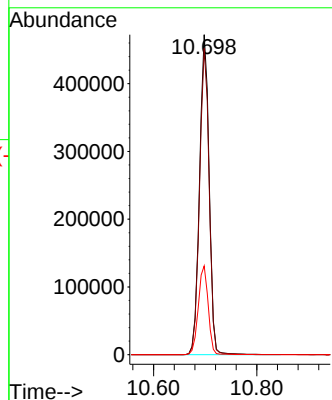
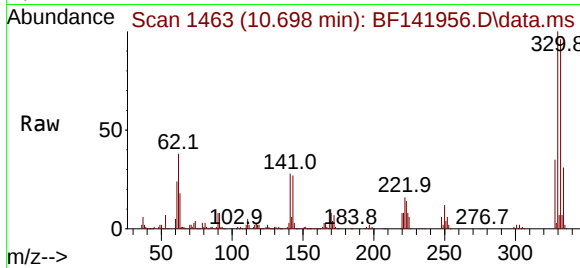




#42
 2,4,6-Tribromophenol
 Concen: 142.669 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF141956.D
 Acq: 14 Mar 2025 10:40

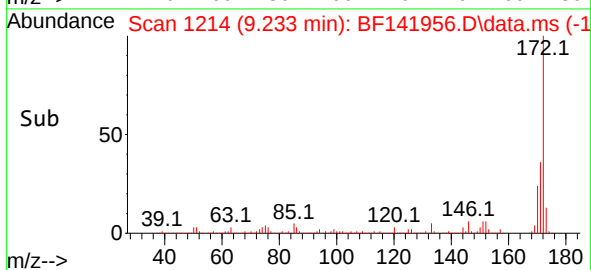
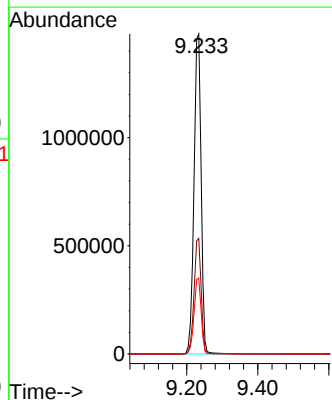
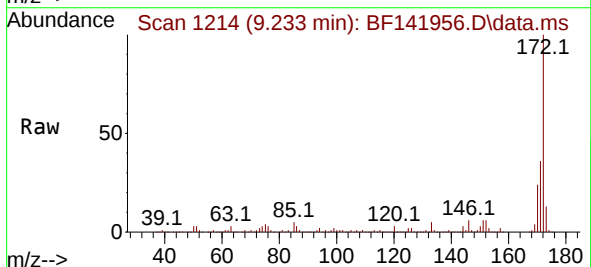
Instrument :
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 ClientSampleId :
 PB167113BL

Tgt Ion:330 Resp: 609701
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.6 116.4
 141 28.5 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 93.533 ng
 RT: 9.233 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: BF141956.D
 Acq: 14 Mar 2025 10:40

Tgt Ion:172 Resp: 2071781
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.3 43.9
 170 23.7 19.4 29.0

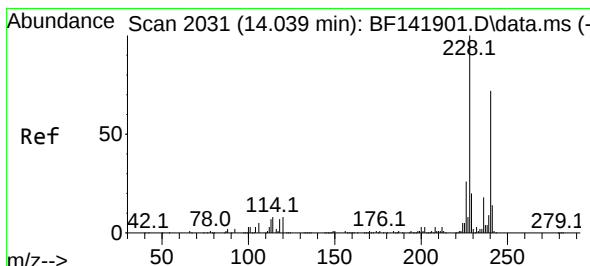
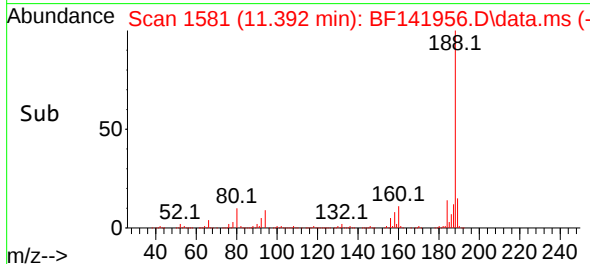
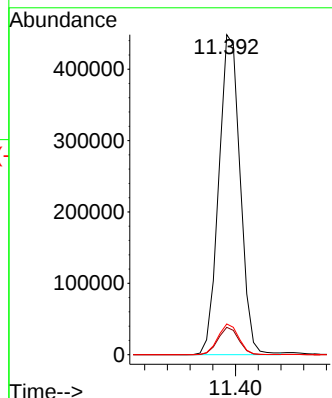
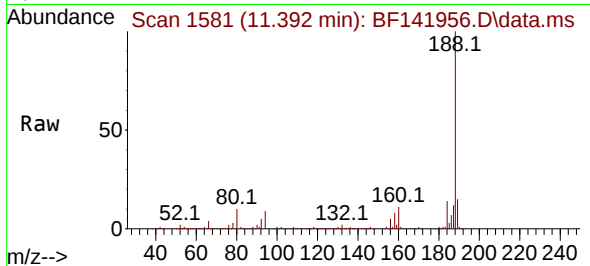




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141956.D
Acq: 14 Mar 2025 10:40

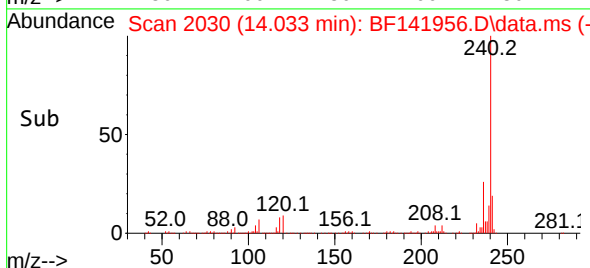
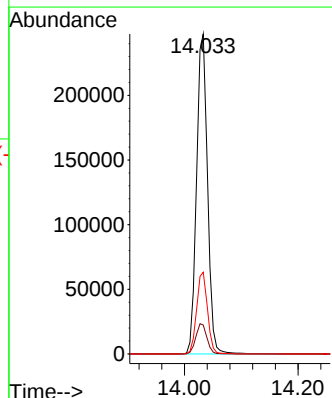
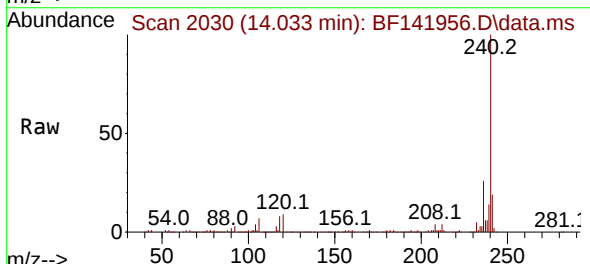
Instrument :
BNA_F
ClientSampleId :
PB167113BL

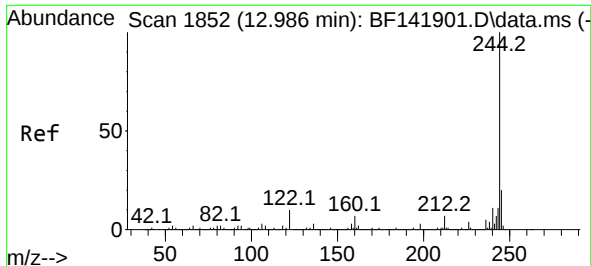
Tgt Ion:188 Resp: 585800
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 9.6 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF141956.D
Acq: 14 Mar 2025 10:40

Tgt Ion:240 Resp: 333618
Ion Ratio Lower Upper
240 100
120 9.0 8.4 12.6
236 25.6 20.5 30.7

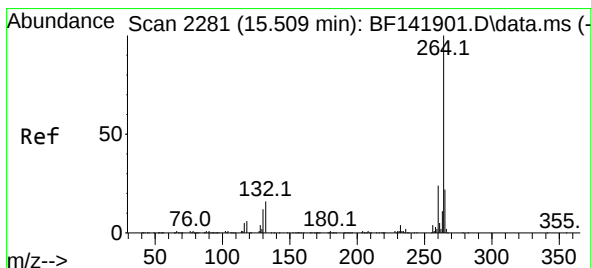
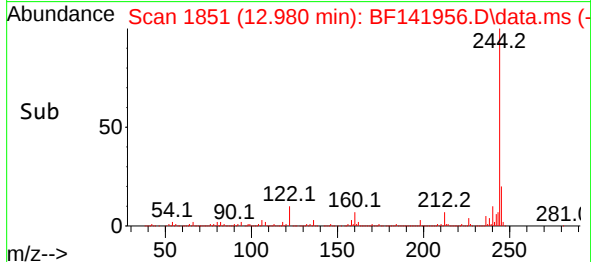
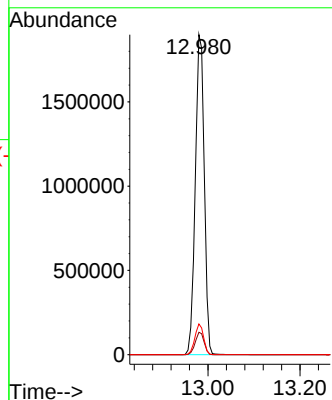
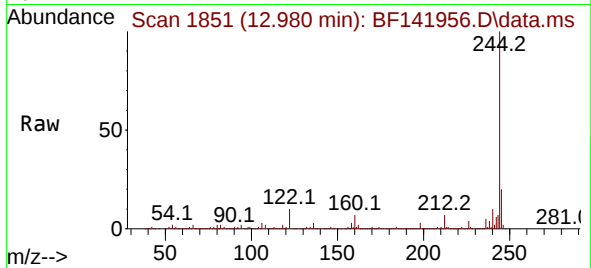




#79
 Terphenyl-d14
 Concen: 113.087 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF141956.D
 Acq: 14 Mar 2025 10:40

Instrument :
 BNA_F
 ClientSampleId :
 PB167113BL

Tgt Ion:244 Resp: 2551856
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.6 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: BF141956.D
 Acq: 14 Mar 2025 10:40

Tgt Ion:264 Resp: 322751
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.2 17.5 26.3

