

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141337.D
 Acq On : 31 Jan 2025 17:46
 Operator : RC/JU
 Sample : PB166354BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166354BL

Quant Time: Jan 31 22:29:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

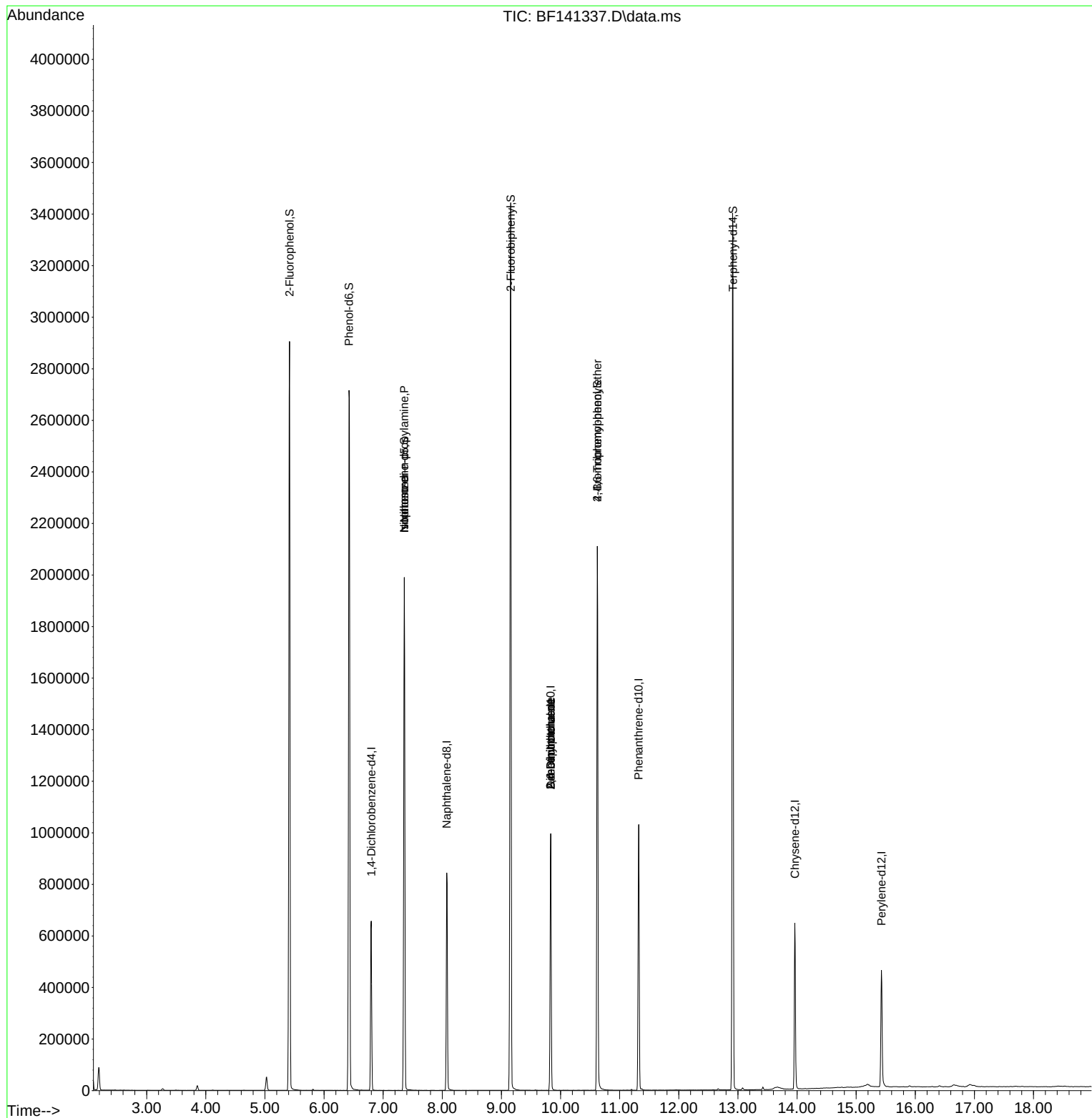
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.799	152	138010	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	554699	20.000	ng	-0.01
39) Acenaphthene-d10	9.834	164	302564	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	518908	20.000	ng	0.00
76) Chrysene-d12	13.963	240	314414	20.000	ng	-0.01
86) Perylene-d12	15.427	264	272271	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1123406	124.966	ng	0.00
7) Phenol-d6	6.422	99	1391620	121.687	ng	-0.02
23) Nitrobenzene-d5	7.357	82	904348	85.946	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	347598	125.314	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1629412	82.891	ng	0.00
79) Terphenyl-d14	12.916	244	1795121	88.050	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	119745	17.622	ng	# 76
25) Isophorone	7.357	82	897356	49.336	ng	# 64
50) Dimethylphthalate	9.834	163	46029	2.252	ng	# 1
51) 2,6-Dinitrotoluene	9.834	165	39552	8.336	ng	# 23
57) 2,4-Dinitrotoluene	9.834	165	39552	6.438	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	23523	4.049	ng	# 1

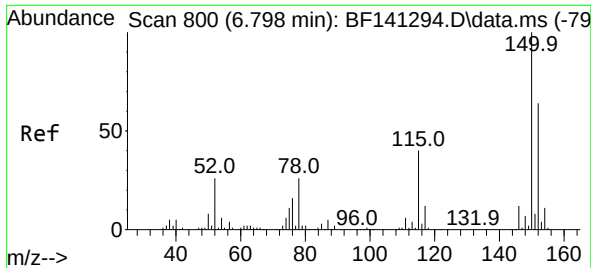
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141337.D
Acq On : 31 Jan 2025 17:46
Operator : RC/JU
Sample : PB166354BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166354BL

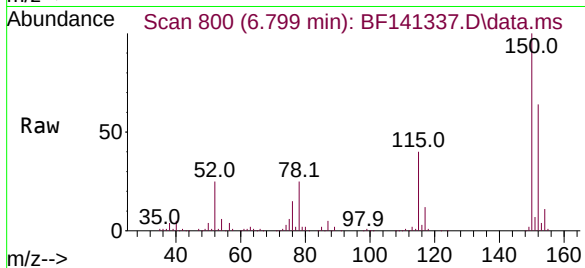
Quant Time: Jan 31 22:29:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration



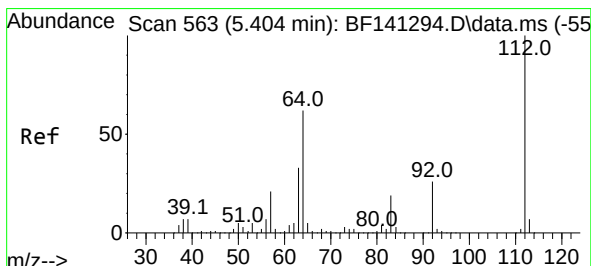
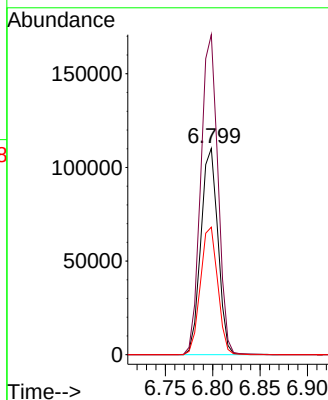
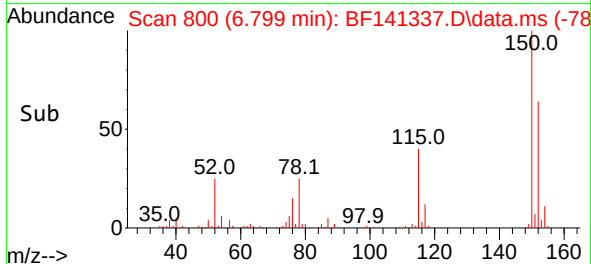


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.799 min Scan# 800
Delta R.T. -0.005 min
Lab File: BF141337.D
Acq: 31 Jan 2025 17:46

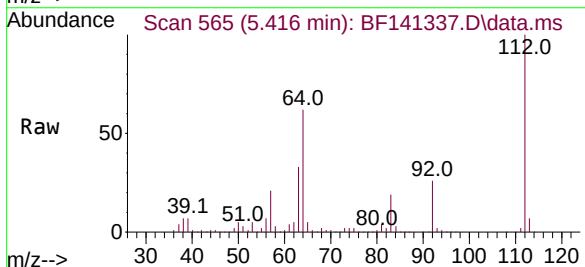
Instrument :
BNA_F
ClientSampleId :
PB166354BL



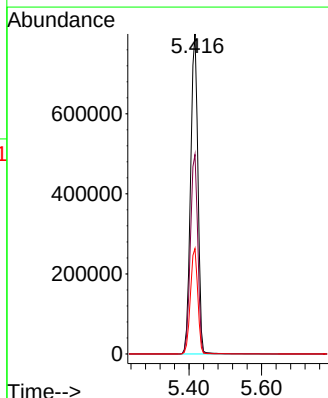
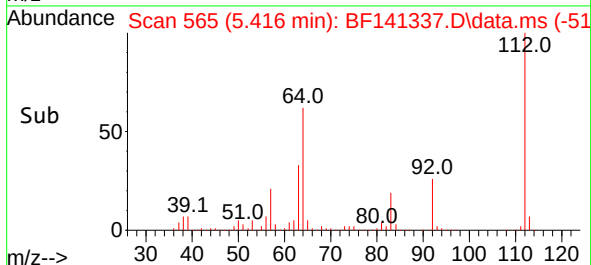
Tgt Ion:152 Resp: 138010
Ion Ratio Lower Upper
152 100
150 155.1 125.9 188.9
115 61.8 49.7 74.5

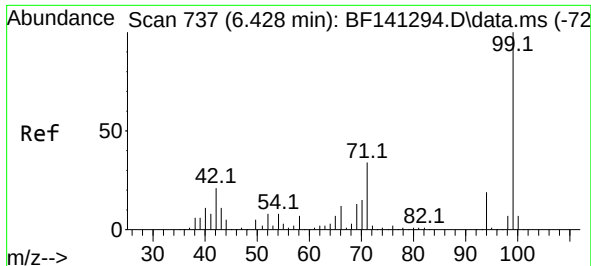


#5
2-Fluorophenol
Concen: 124.966 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141337.D
Acq: 31 Jan 2025 17:46



Tgt Ion:112 Resp: 1123406
Ion Ratio Lower Upper
112 100
64 62.4 49.8 74.8
63 32.9 26.1 39.1

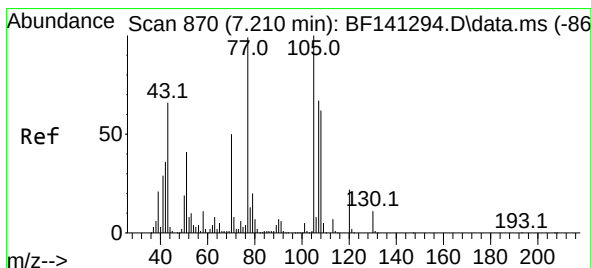
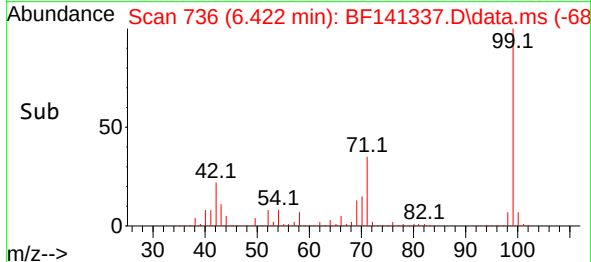
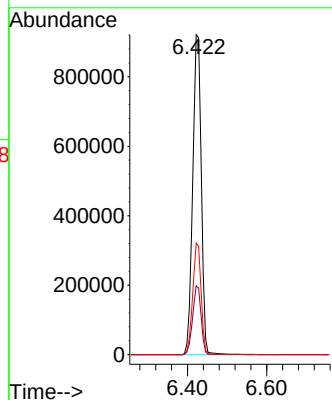
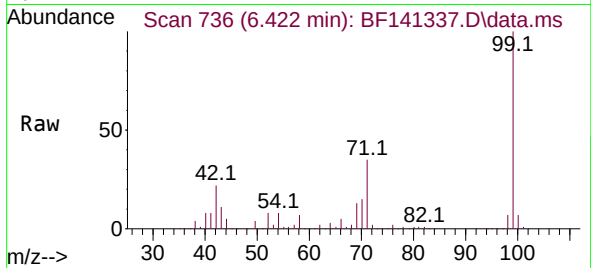




#7
Phenol-d6
Concen: 121.687 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141337.D
Acq: 31 Jan 2025 17:46

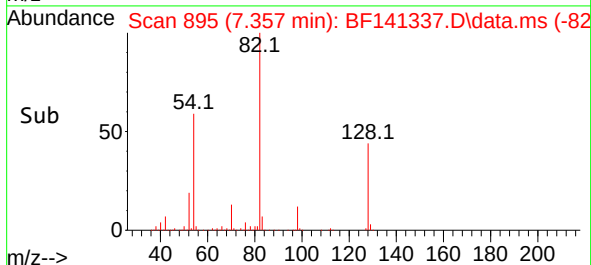
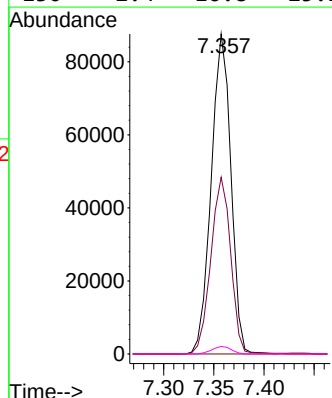
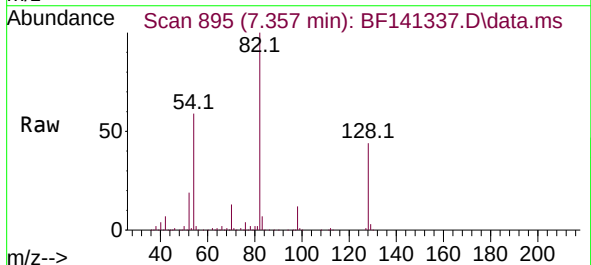
Instrument :
BNA_F
ClientSampleId :
PB166354BL

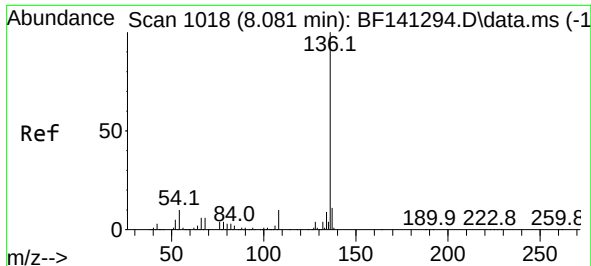
Tgt Ion: 99 Resp: 1391620
Ion Ratio Lower Upper
99 100
42 21.6 17.1 25.7
71 34.9 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.622 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF141337.D
Acq: 31 Jan 2025 17:46

Tgt Ion: 70 Resp: 119745
Ion Ratio Lower Upper
70 100
42 55.2 56.8 85.2#
101 0.0 7.7 11.5#
130 2.4 16.8 25.2#



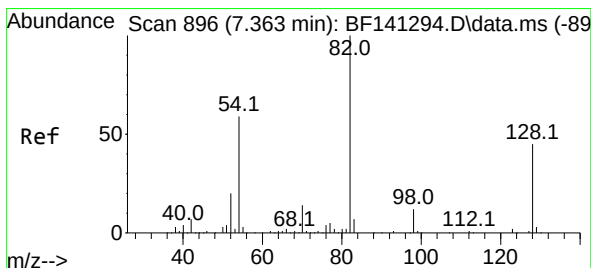
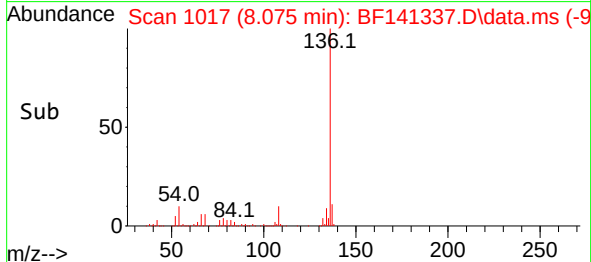
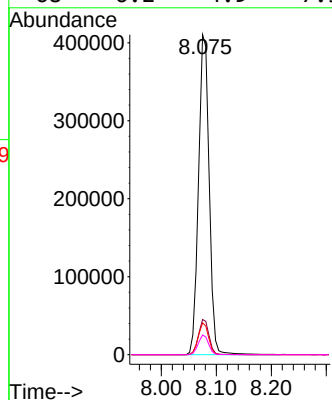
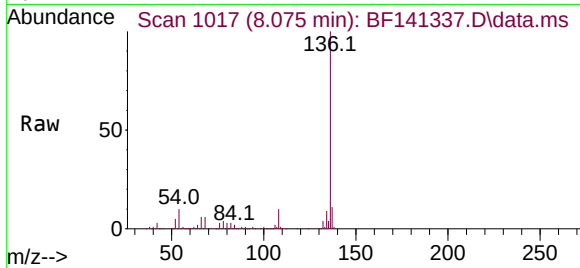


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141337.D
Acq: 31 Jan 2025 17:46

Instrument :
BNA_F
ClientSampleId :
PB166354BL

Tgt Ion:136 Resp: 554699

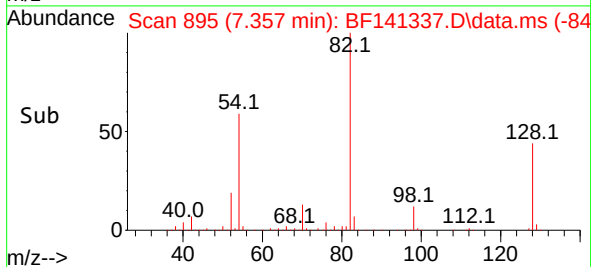
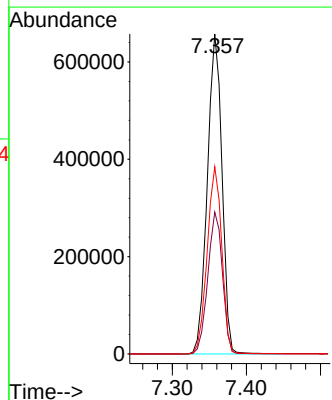
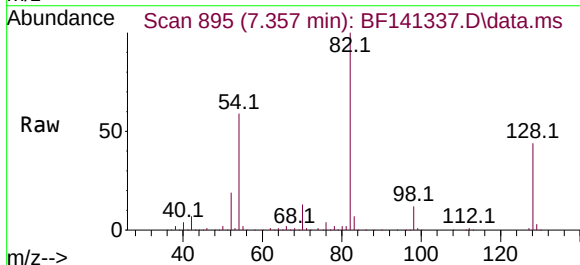
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.9	7.8	11.8
68	6.2	4.9	7.3

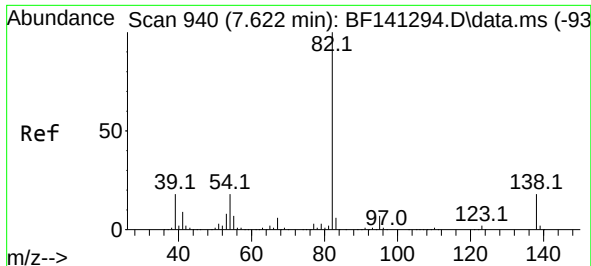


#23
Nitrobenzene-d5
Concen: 85.946 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF141337.D
Acq: 31 Jan 2025 17:46

Tgt Ion: 82 Resp: 904348

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.7	53.5
54	58.5	47.1	70.7

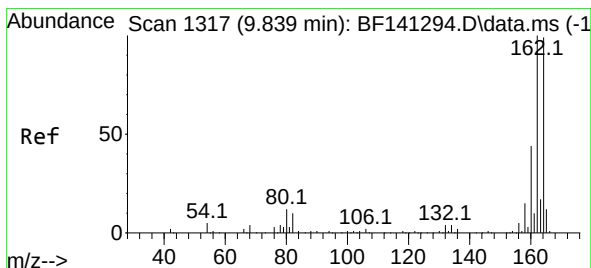
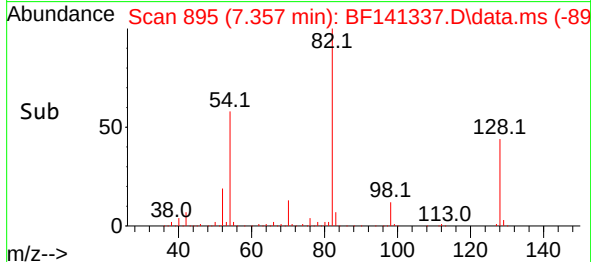
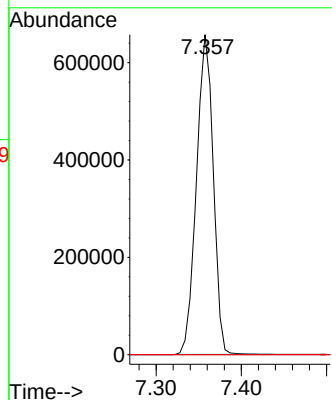
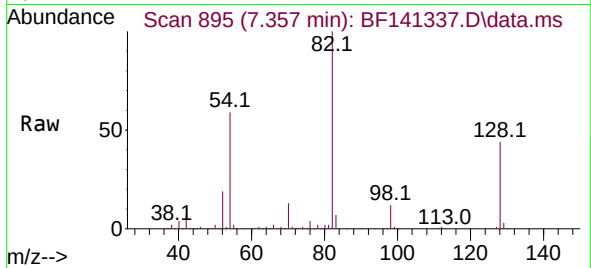




#25
Isophorone
Concen: 49.336 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF141337.D
Acq: 31 Jan 2025 17:46

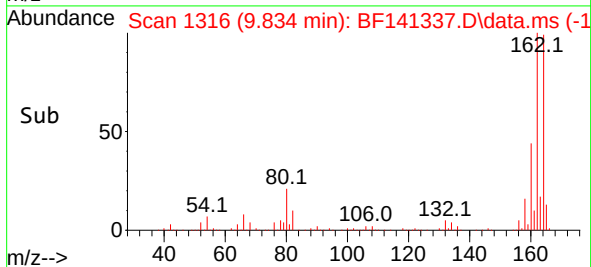
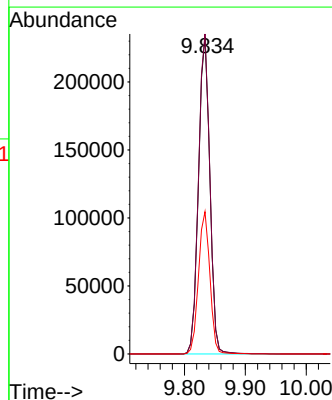
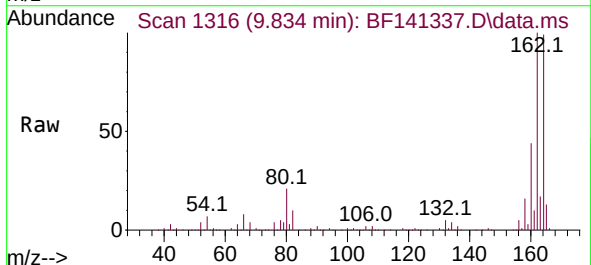
Instrument :
BNA_F
ClientSampleId :
PB166354BL

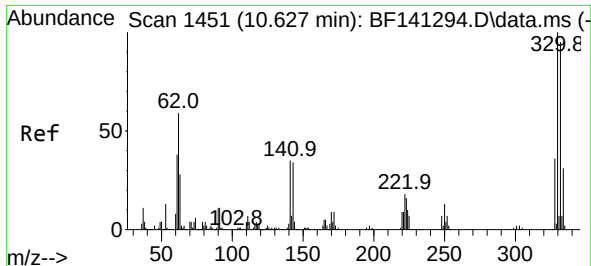
Tgt Ion: 82 Resp: 897356
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141337.D
Acq: 31 Jan 2025 17:46

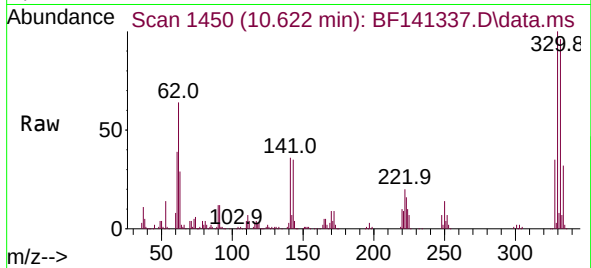
Tgt Ion:164 Resp: 302564
Ion Ratio Lower Upper
164 100
162 100.9 80.6 121.0
160 44.8 35.8 53.6



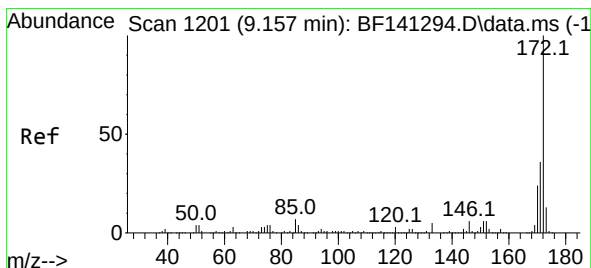
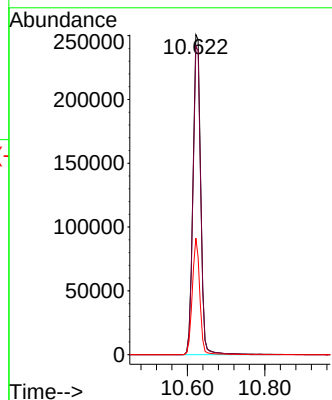
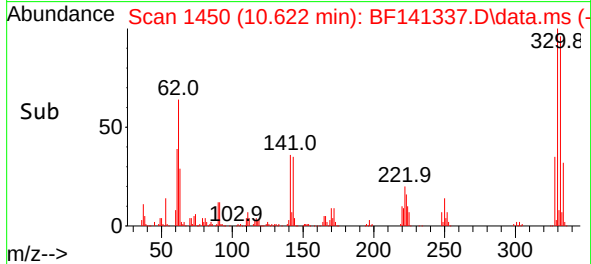


#42
2,4,6-Tribromophenol
Concen: 125.314 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF141337.D
Acq: 31 Jan 2025 17:46

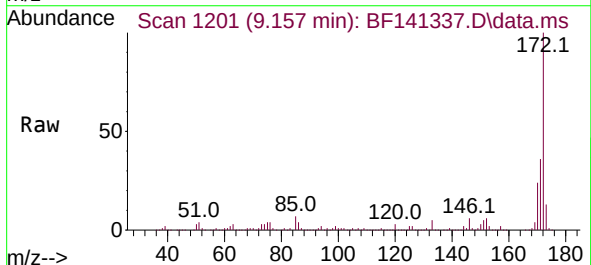
Instrument :
BNA_F
ClientSampleId :
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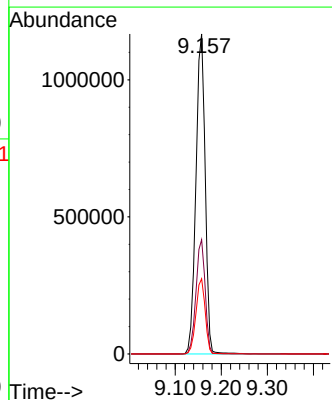
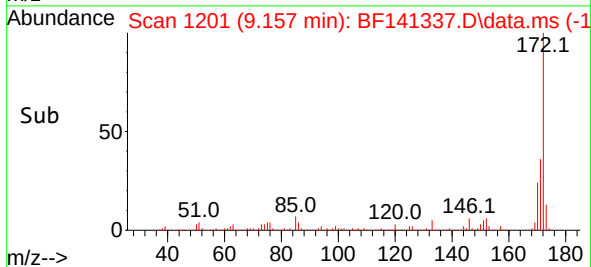
Tgt Ion:330 Resp: 347598
Ion Ratio Lower Upper
330 100
332 96.1 76.1 114.1
141 35.2 28.8 43.2

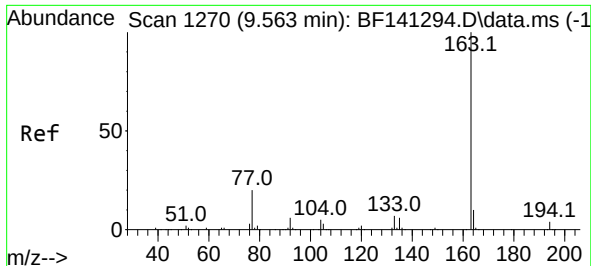


#45
2-Fluorobiphenyl
Concen: 82.891 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141337.D
Acq: 31 Jan 2025 17:46



Tgt Ion:172 Resp: 1629412
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.5 19.0 28.6

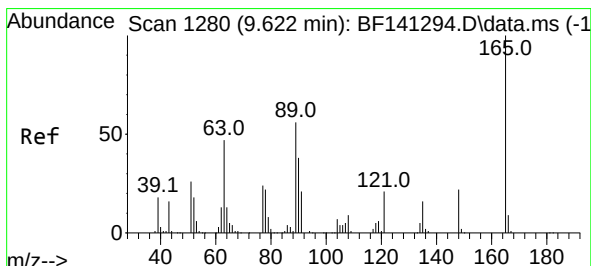
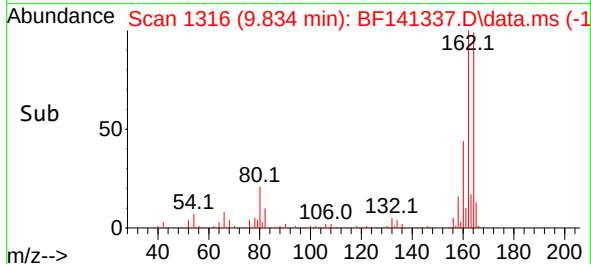
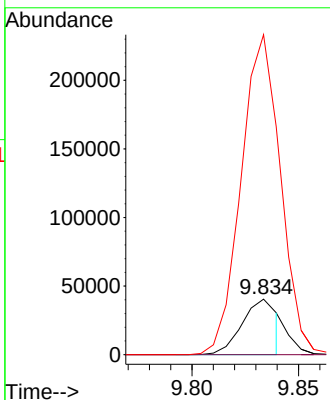
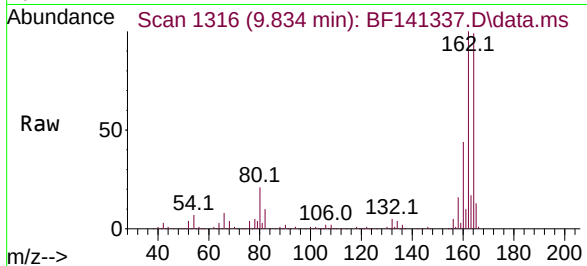




#50
Dimethylphthalate
Concen: 2.252 ng
RT: 9.834 min Scan# 1316
Delta R.T. 0.265 min
Lab File: BF141337.D
Acq: 31 Jan 2025 17:46

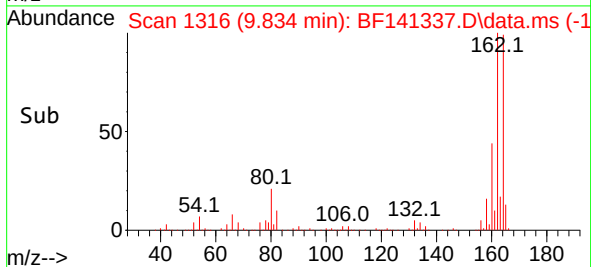
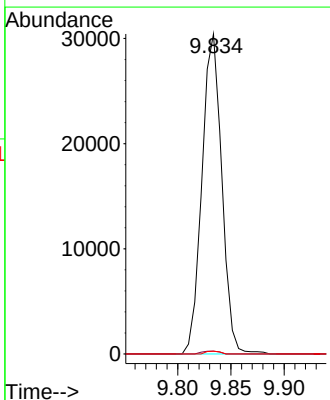
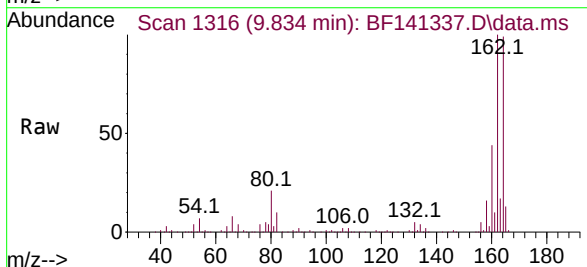
Instrument :
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ClientSampleId :
PB166354BL

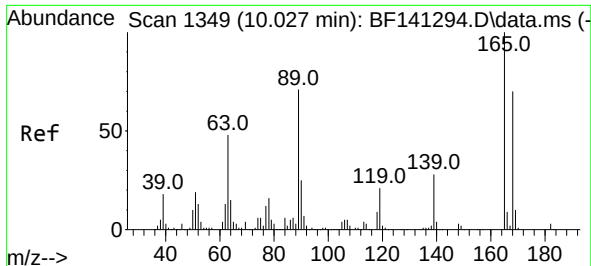
Tgt Ion:163 Resp: 46029
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 575.6 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.336 ng
RT: 9.834 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF141337.D
Acq: 31 Jan 2025 17:46

Tgt Ion:165 Resp: 39552
Ion Ratio Lower Upper
165 100
63 0.9 48.1 72.1#
89 0.9 44.9 67.3#

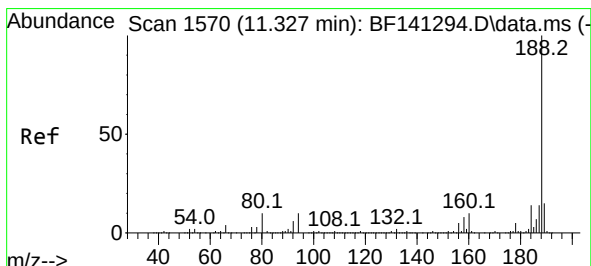
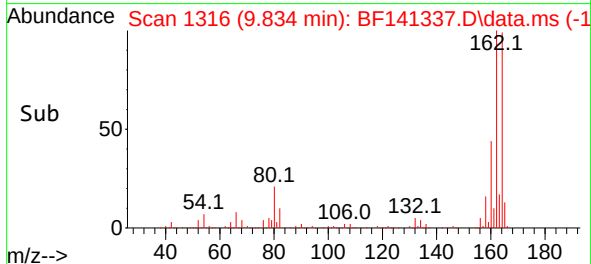
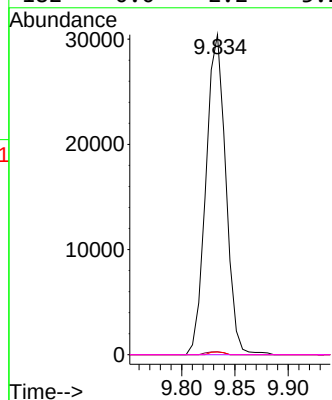
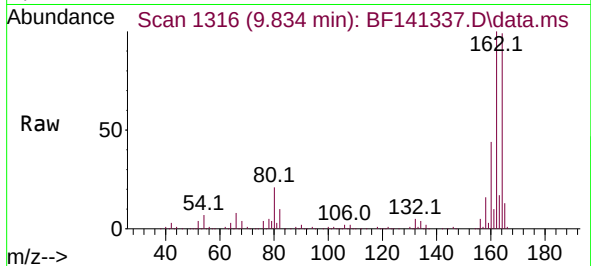




#57
2,4-Dinitrotoluene
Concen: 6.438 ng
RT: 9.834 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF141337.D
Acq: 31 Jan 2025 17:46

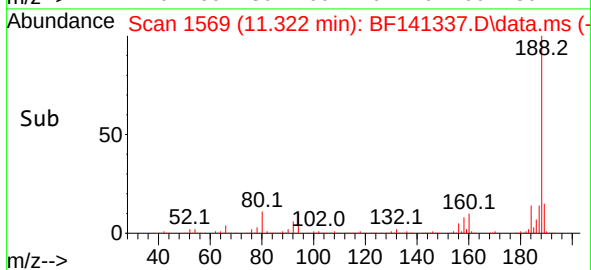
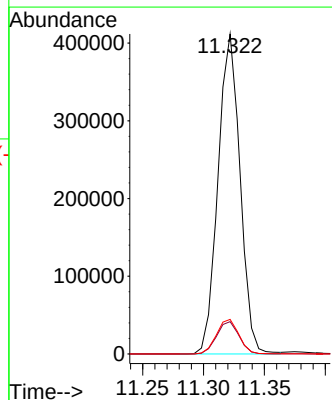
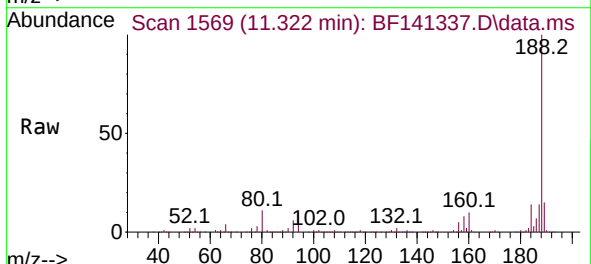
Instrument :
BNA_F
ClientSampleId :
PB166354BL

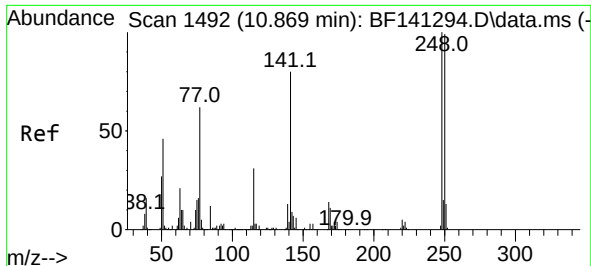
Tgt Ion:165 Resp: 39552
Ion Ratio Lower Upper
165 100
63 0.9 39.2 58.8#
89 0.9 56.9 85.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141337.D
Acq: 31 Jan 2025 17:46

Tgt Ion:188 Resp: 518908
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 10.8 8.2 12.4

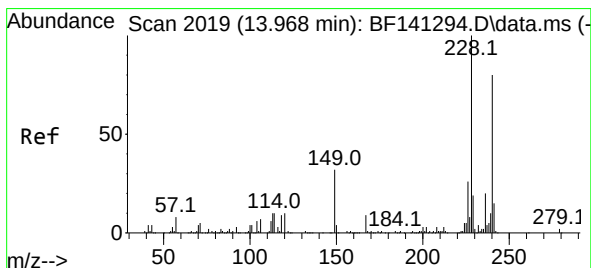
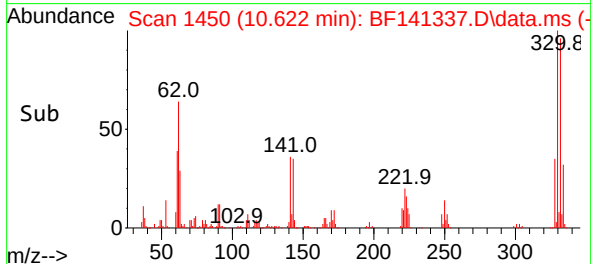
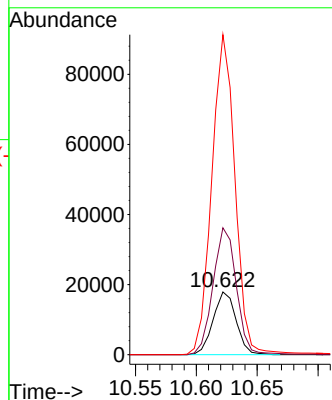
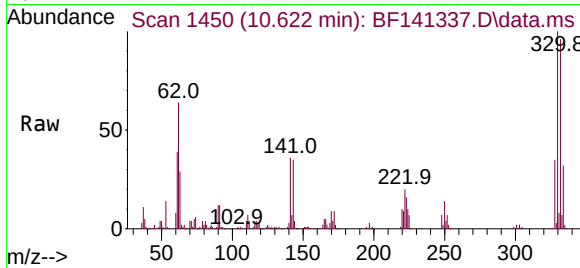




#67
4-Bromophenyl-phenylether
Concen: 4.049 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF141337.D
Acq: 31 Jan 2025 17:46

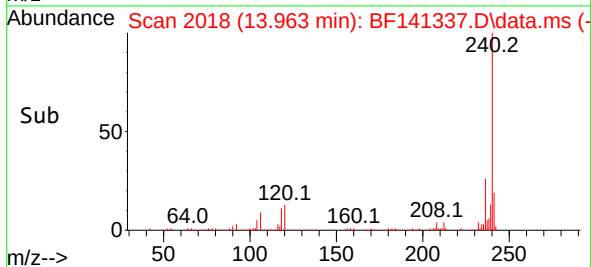
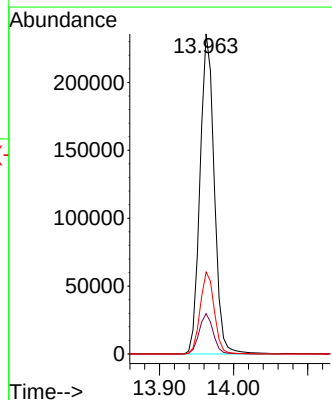
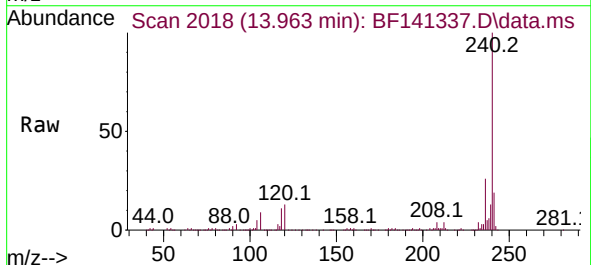
Instrument :
BNA_F
ClientSampleId :
PB166354BL

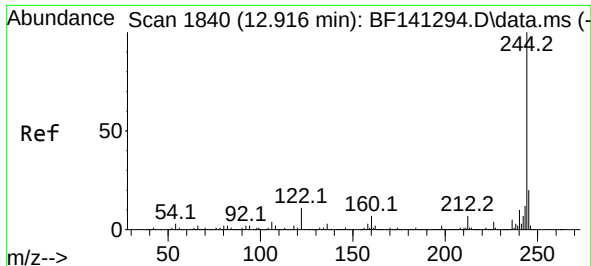
Tgt Ion:248 Resp: 23523
Ion Ratio Lower Upper
248 100
250 202.4 79.0 118.4#
141 510.6 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141337.D
Acq: 31 Jan 2025 17:46

Tgt Ion:240 Resp: 314414
Ion Ratio Lower Upper
240 100
120 12.6 10.0 15.0
236 25.6 19.7 29.5

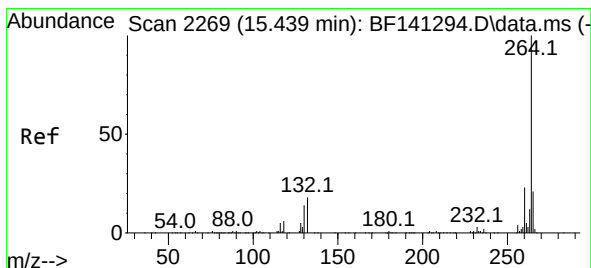
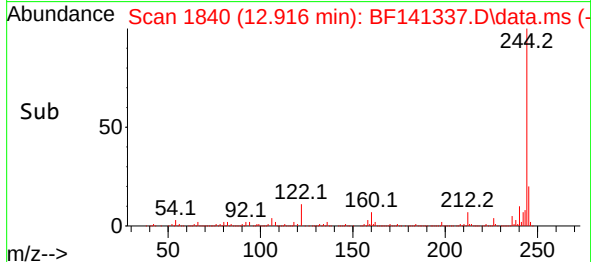
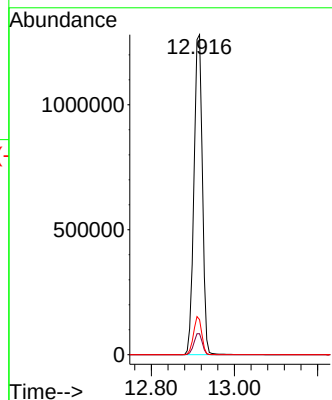
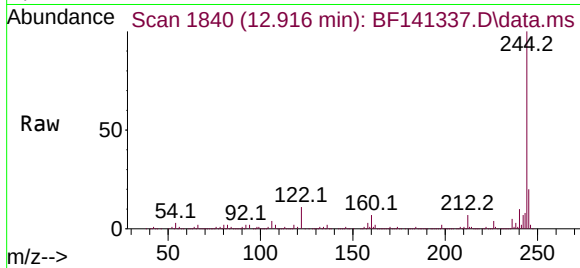




#79
 Terphenyl-d14
 Concen: 88.050 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF141337.D
 Acq: 31 Jan 2025 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PB166354BL

Tgt Ion:244 Resp: 1795121
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2267
 Delta R.T. -0.012 min
 Lab File: BF141337.D
 Acq: 31 Jan 2025 17:46

Tgt Ion:264 Resp: 272271
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 27.8
 265 20.9 16.7 25.1

