

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141631.D
 Acq On : 14 Feb 2025 11:21
 Operator : RC/JU
 Sample : PB166700TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166700TB

Quant Time: Feb 14 11:50:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

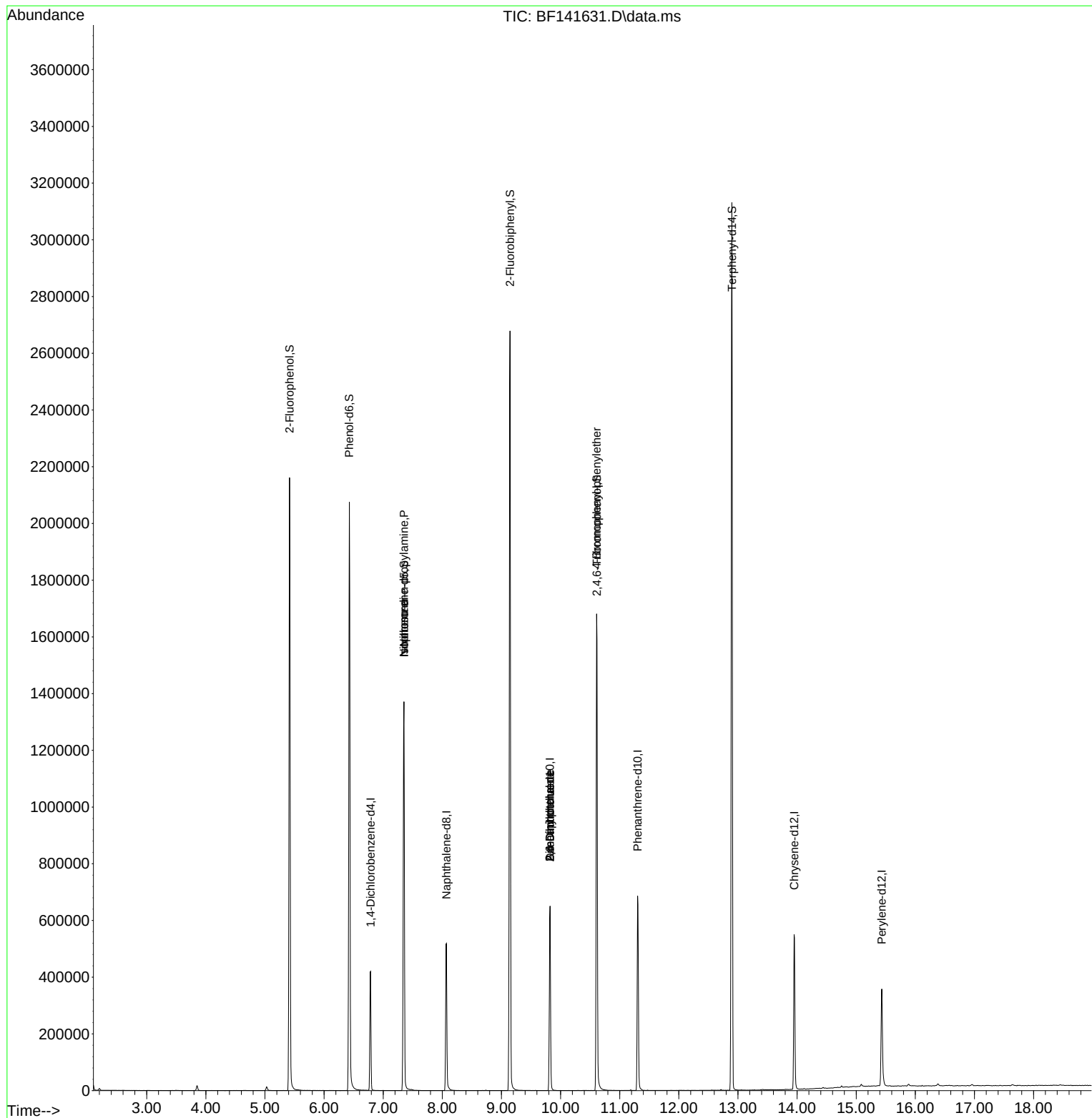
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	90404	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	375424	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	209209	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	380647	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	294933	20.000	ng	-0.01
86) Perylene-d12	15.433	264	216122	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	808396	140.188	ng	0.00
7) Phenol-d6	6.428	99	995440	136.579	ng	-0.01
23) Nitrobenzene-d5	7.351	82	661286	91.873	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	292897	139.369	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1264783	93.140	ng	0.00
79) Terphenyl-d14	12.898	244	1614452	92.410	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	89449	20.518	ng	# 73
25) Isophorone	7.351	82	638034	55.594	ng	# 66
50) Dimethylphthalate	9.822	163	31195	2.196	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	27523	8.865	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	27523	6.659	ng	# 18
67) 4-Bromophenyl-phenylether	10.610	248	19687	4.628	ng	# 1

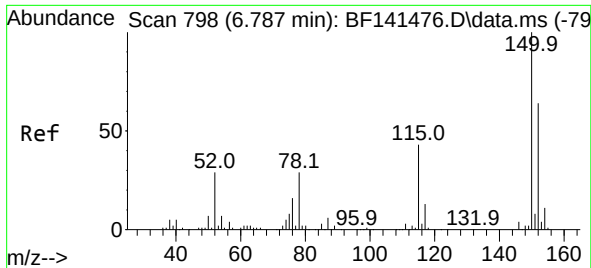
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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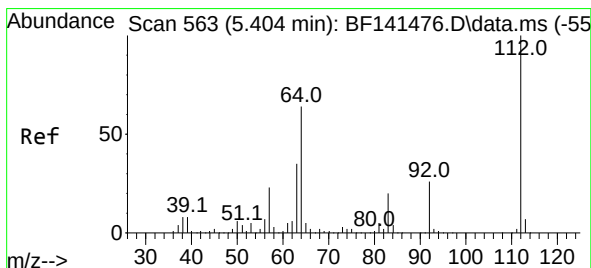
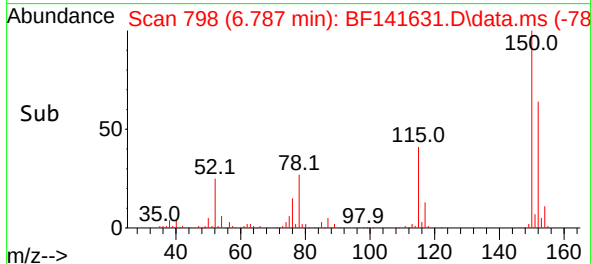
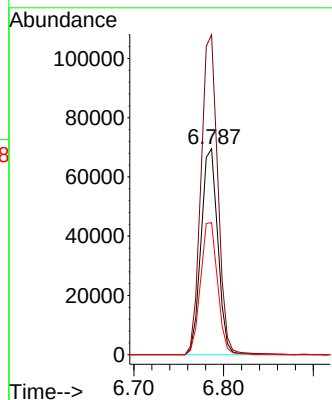
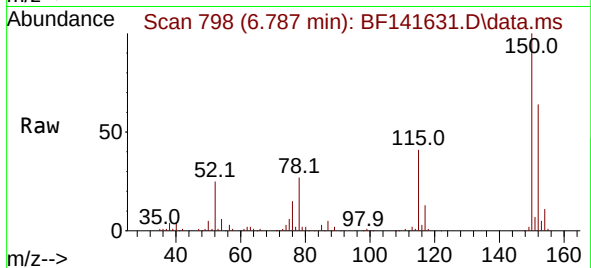




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141631.D
Acq: 14 Feb 2025 11:21

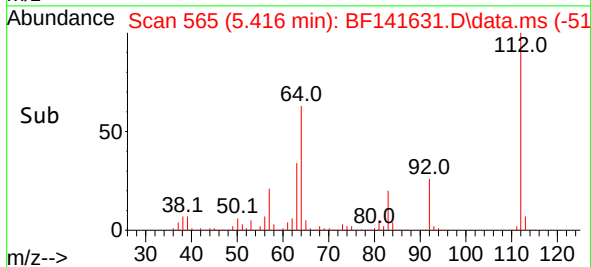
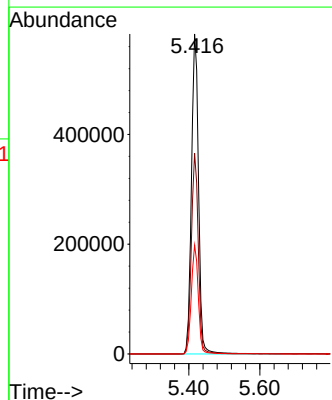
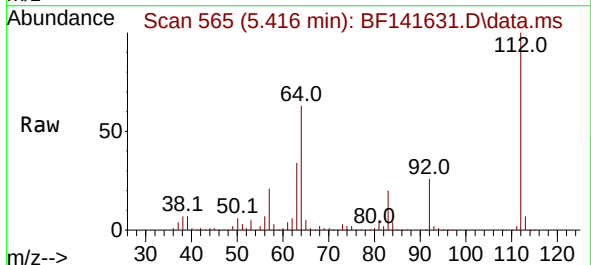
Instrument :
BNA_F
ClientSampleId :
PB166700TB

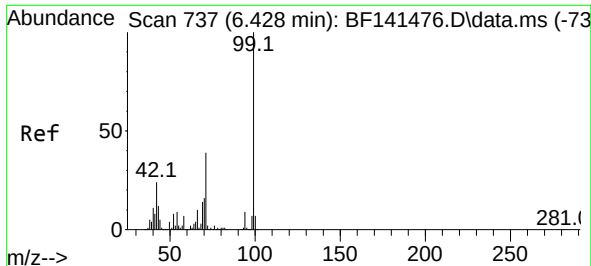
Tgt Ion:152 Resp: 90404
Ion Ratio Lower Upper
152 100
150 155.4 125.0 187.4
115 64.1 53.6 80.4



#5
2-Fluorophenol
Concen: 140.188 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141631.D
Acq: 14 Feb 2025 11:21

Tgt Ion:112 Resp: 808396
Ion Ratio Lower Upper
112 100
64 62.7 51.1 76.7
63 34.0 28.4 42.6

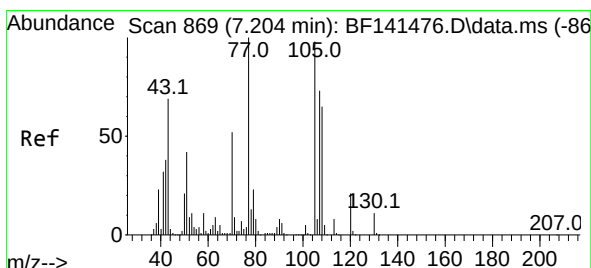
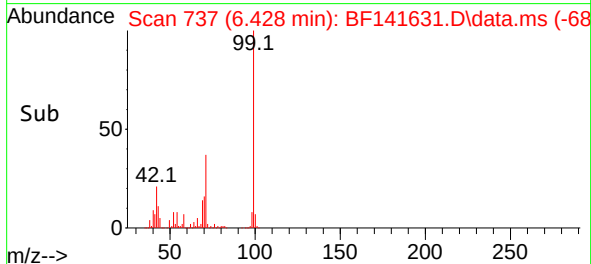
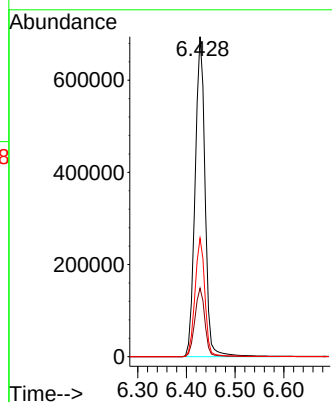
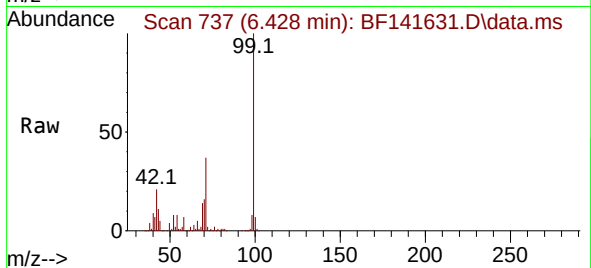




#7
Phenol-d6
Concen: 136.579 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141631.D
Acq: 14 Feb 2025 11:21

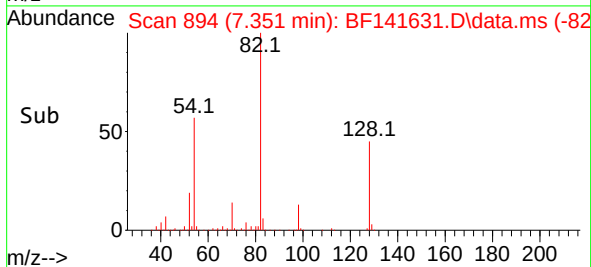
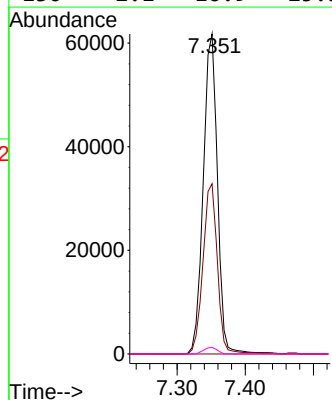
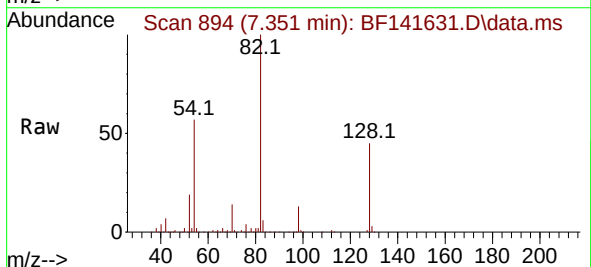
Instrument :
BNA_F
ClientSampleId :
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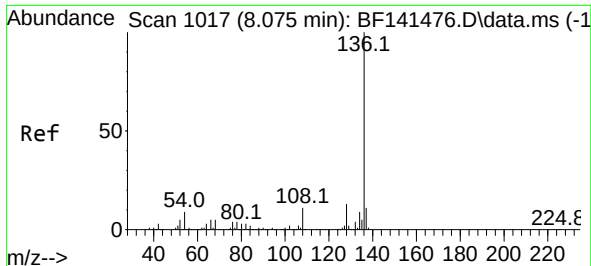
Tgt Ion: 99 Resp: 995440
Ion Ratio Lower Upper
99 100
42 21.4 19.1 28.7
71 37.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.518 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141631.D
Acq: 14 Feb 2025 11:21

Tgt Ion: 70 Resp: 89449
Ion Ratio Lower Upper
70 100
42 53.2 57.4 86.2#
101 0.0 8.0 12.0#
130 2.1 16.9 25.3#

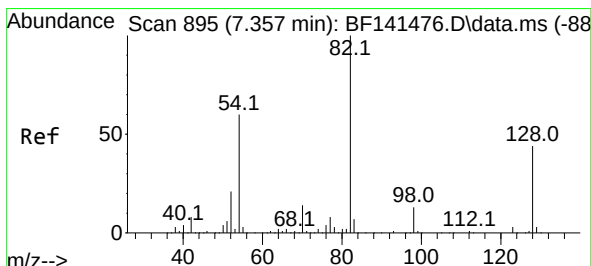
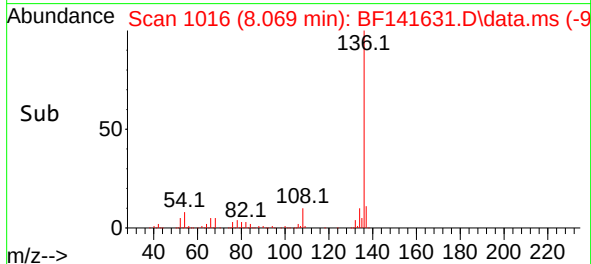
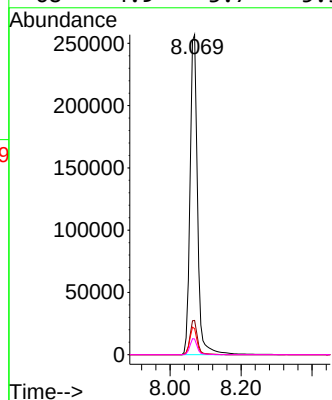
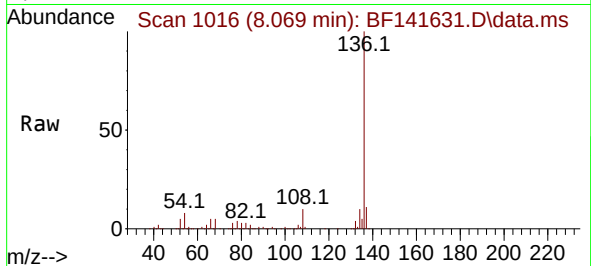




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141631.D
Acq: 14 Feb 2025 11:21

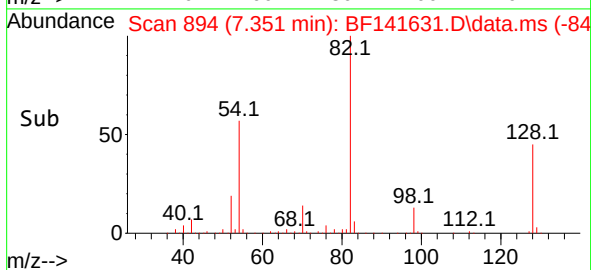
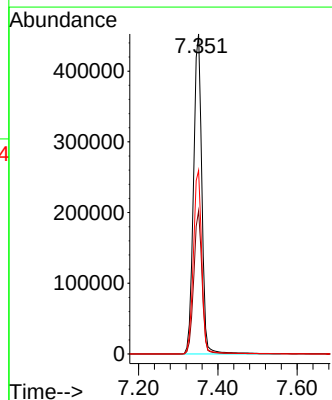
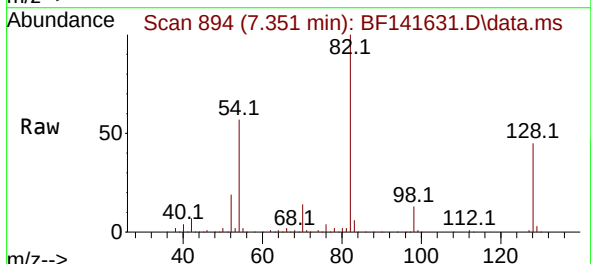
Instrument :
BNA_F
ClientSampleId :
PB166700TB

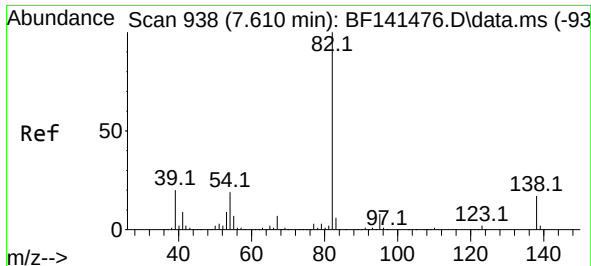
Tgt Ion:136 Resp: 375424
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.2 7.2 10.8
68 4.9 3.7 5.5



#23
Nitrobenzene-d5
Concen: 91.873 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141631.D
Acq: 14 Feb 2025 11:21

Tgt Ion: 82 Resp: 661286
Ion Ratio Lower Upper
82 100
128 44.7 34.8 52.2
54 57.4 48.2 72.4

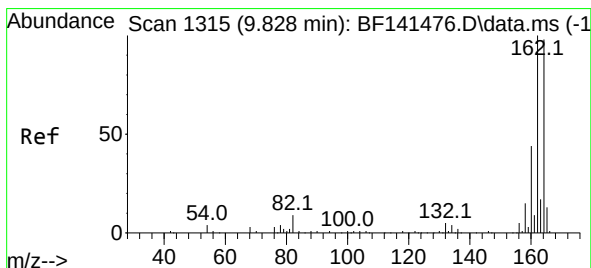
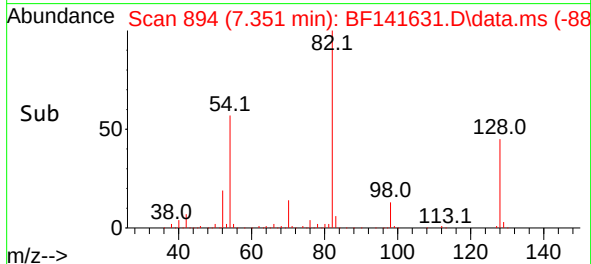
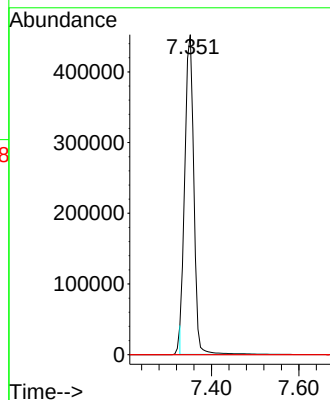
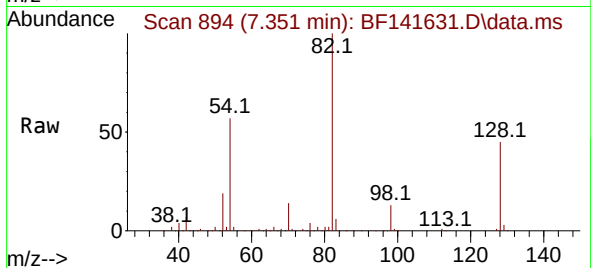




#25
Isophorone
Concen: 55.594 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF141631.D
Acq: 14 Feb 2025 11:21

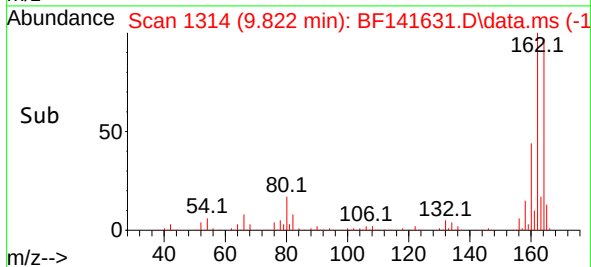
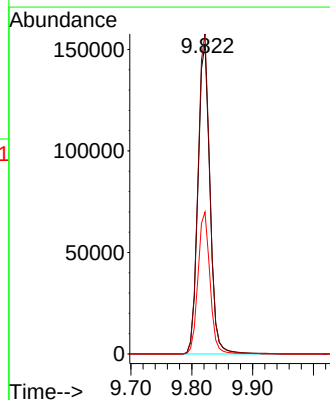
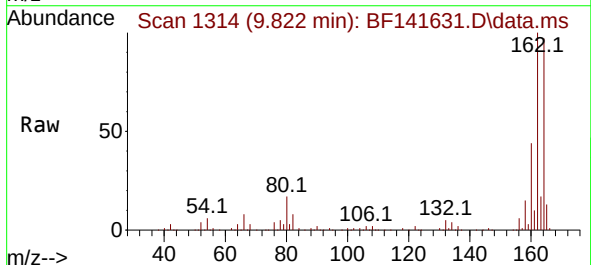
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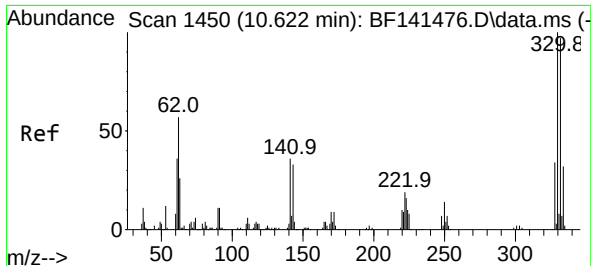
Tgt Ion: 82 Resp: 638034
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141631.D
Acq: 14 Feb 2025 11:21

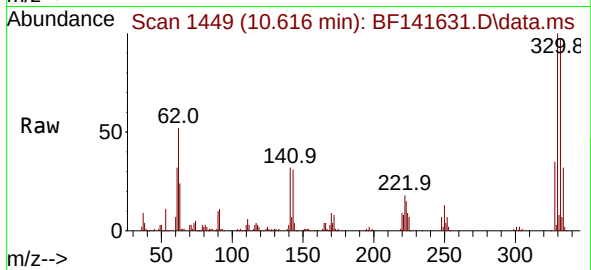
Tgt Ion:164 Resp: 209209
Ion Ratio Lower Upper
164 100
162 103.2 81.3 121.9
160 45.8 35.9 53.9



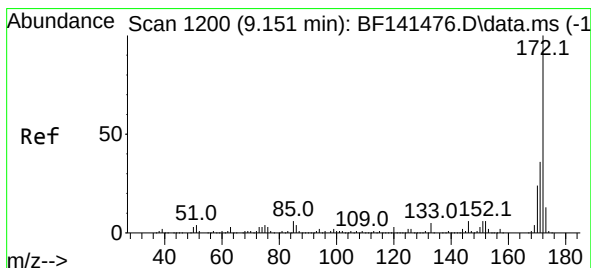
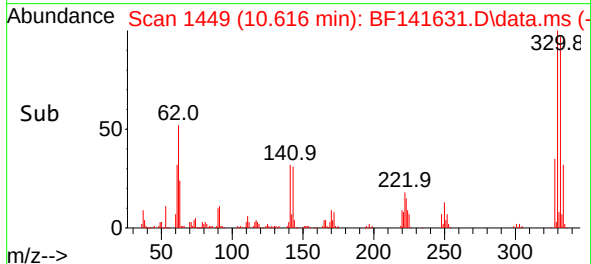
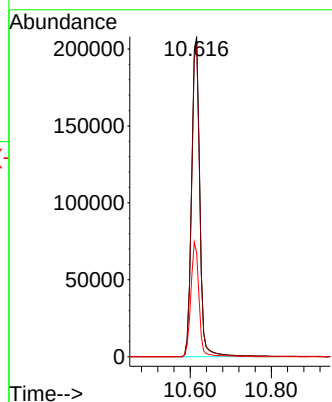


#42
2,4,6-Tribromophenol
Concen: 139.369 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141631.D
Acq: 14 Feb 2025 11:21

Instrument :
BNA_F
ClientSampleId :
PB166700TB

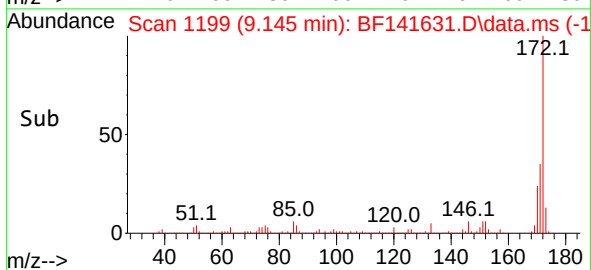
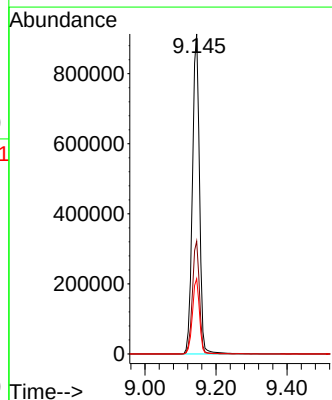
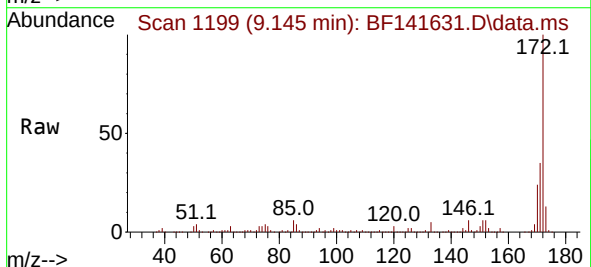


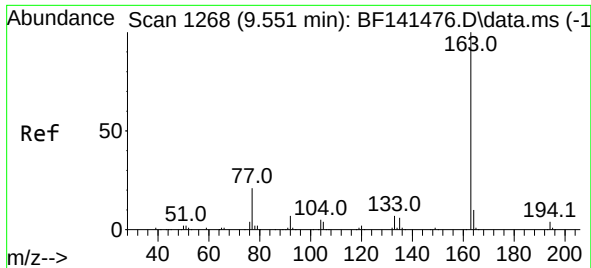
Tgt Ion:330 Resp: 292897
Ion Ratio Lower Upper
330 100
332 97.1 78.5 117.7
141 35.5 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 93.140 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141631.D
Acq: 14 Feb 2025 11:21

Tgt Ion:172 Resp: 1264783
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.5 18.9 28.3

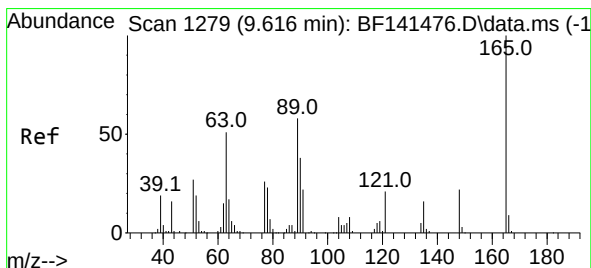
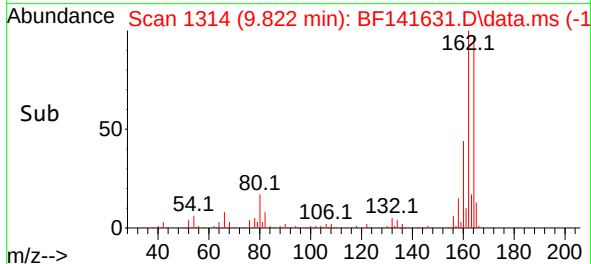
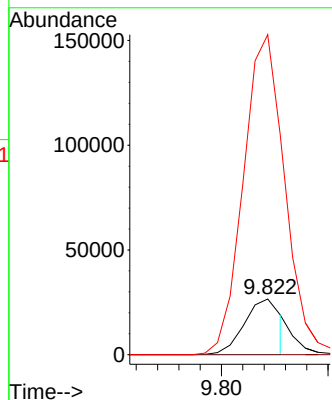
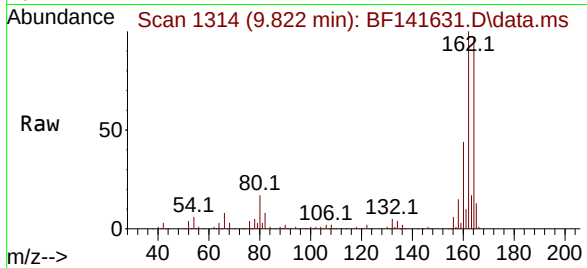




#50
Dimethylphthalate
Concen: 2.196 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF141631.D
Acq: 14 Feb 2025 11:21

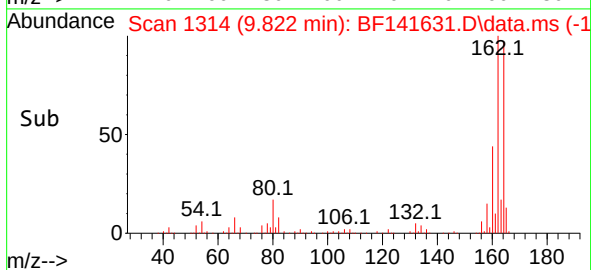
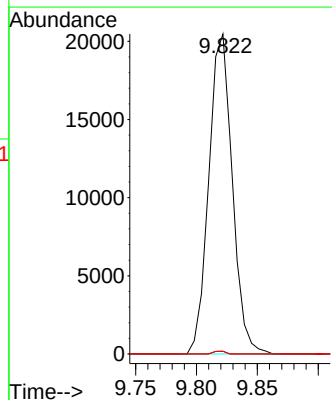
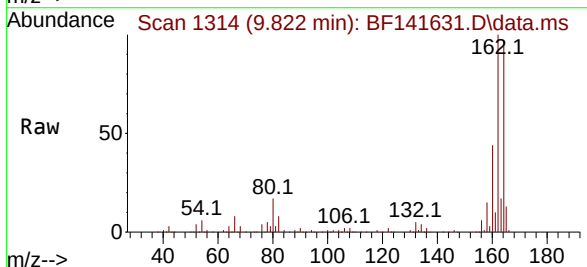
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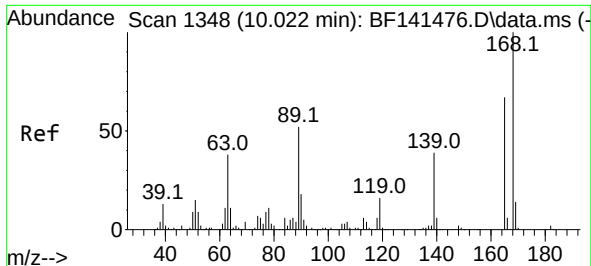
Tgt Ion:163 Resp: 31195
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 575.4 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.865 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF141631.D
Acq: 14 Feb 2025 11:21

Tgt Ion:165 Resp: 27523
Ion Ratio Lower Upper
165 100
63 0.9 49.4 74.0#
89 0.9 46.5 69.7#

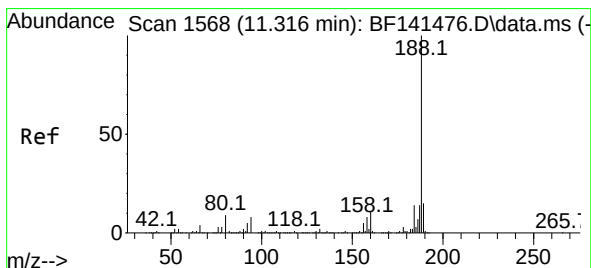
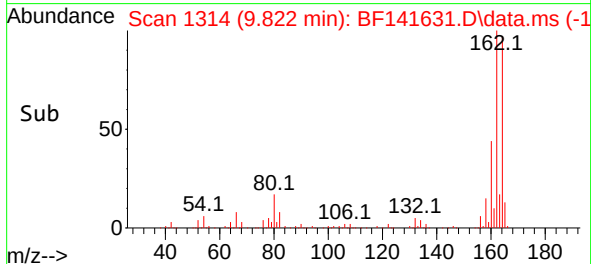
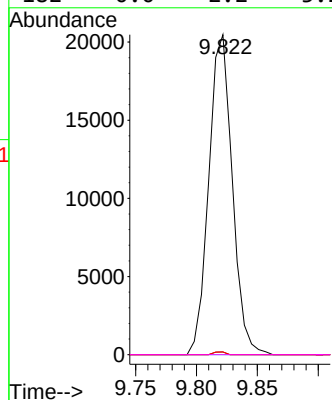
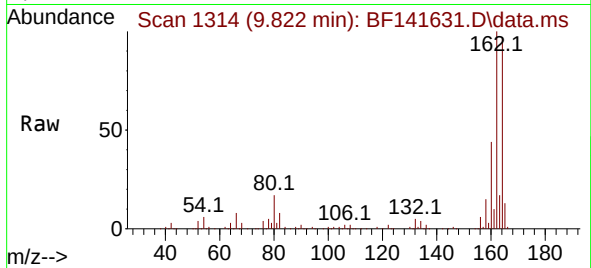




#57
2,4-Dinitrotoluene
Concen: 6.659 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141631.D
Acq: 14 Feb 2025 11:21

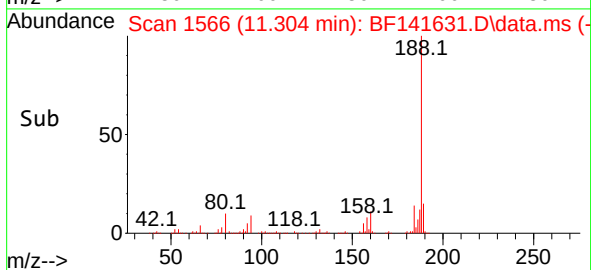
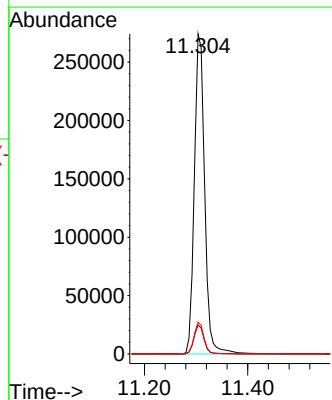
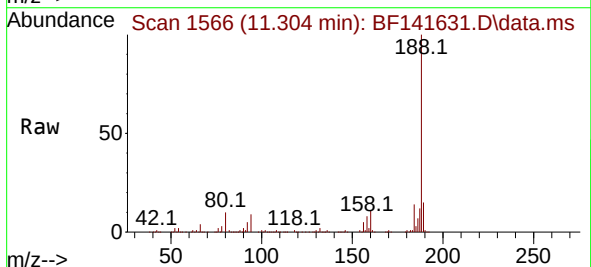
Instrument :
BNA_F
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PB166700TB

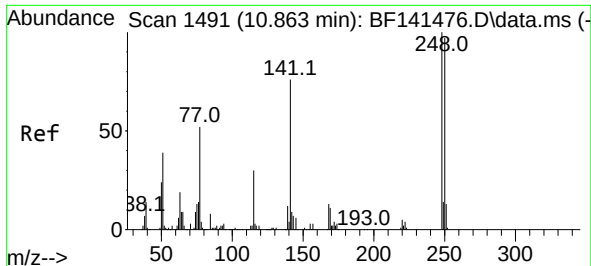
Tgt Ion:165 Resp: 27523
Ion Ratio Lower Upper
165 100
63 0.9 46.4 69.6#
89 0.9 61.8 92.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF141631.D
Acq: 14 Feb 2025 11:21

Tgt Ion:188 Resp: 380647
Ion Ratio Lower Upper
188 100
94 9.1 6.6 10.0
80 10.0 7.3 10.9

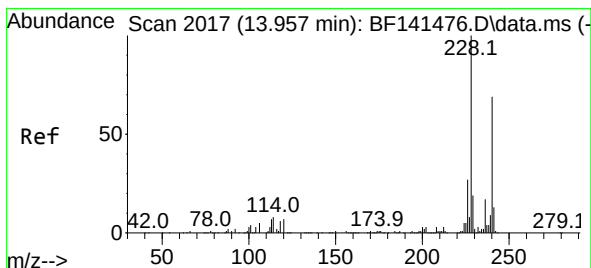
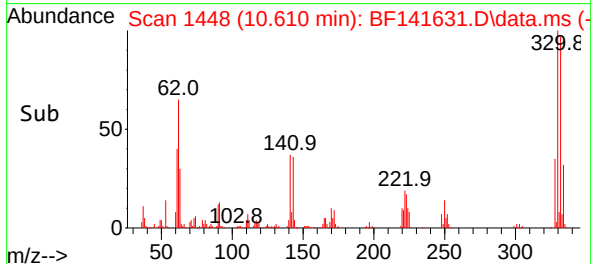
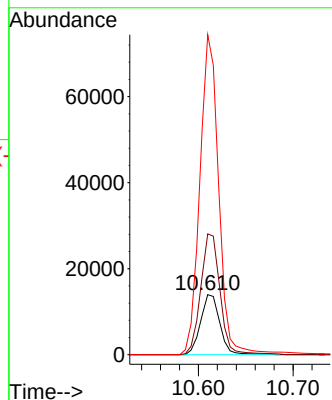
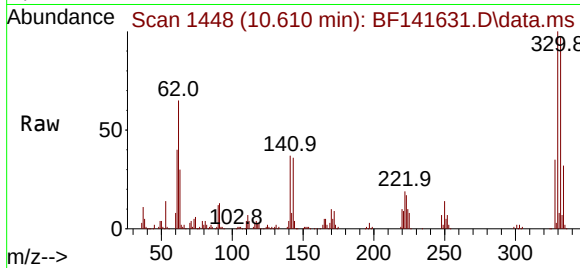




#67
4-Bromophenyl-phenylether
Concen: 4.628 ng
RT: 10.610 min Scan# 1491
Delta R.T. -0.253 min
Lab File: BF141631.D
Acq: 14 Feb 2025 11:21

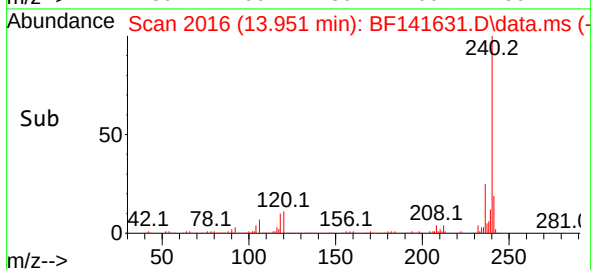
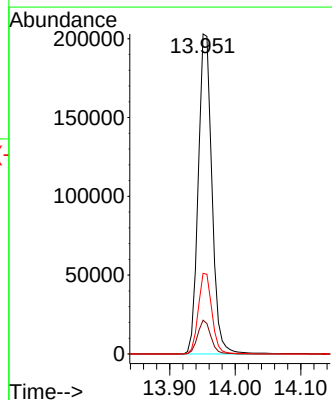
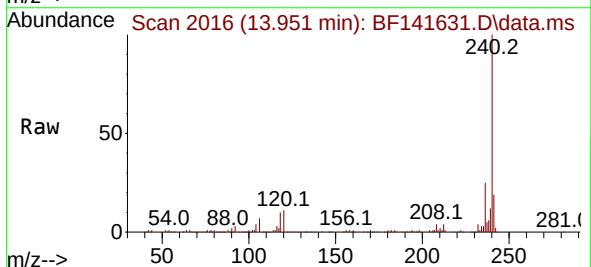
Instrument :
BNA_F
ClientSampleId :
PB166700TB

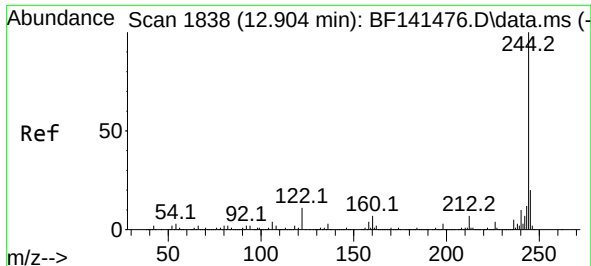
Tgt Ion:248 Resp: 19687
Ion Ratio Lower Upper
248 100
250 201.2 77.8 116.6#
141 533.2 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141631.D
Acq: 14 Feb 2025 11:21

Tgt Ion:240 Resp: 294933
Ion Ratio Lower Upper
240 100
120 10.6 8.0 12.0
236 25.2 19.8 29.8

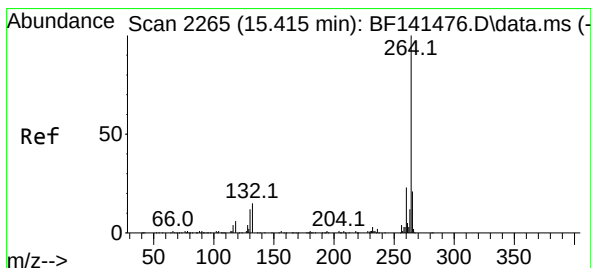
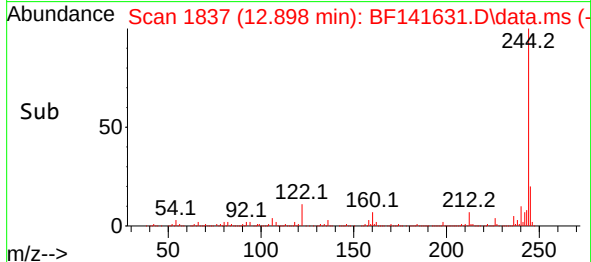
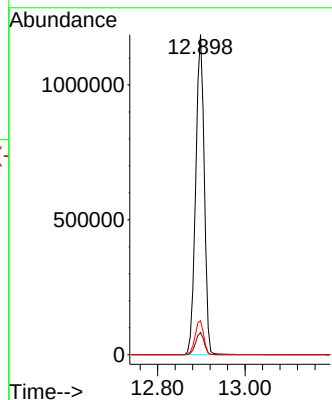
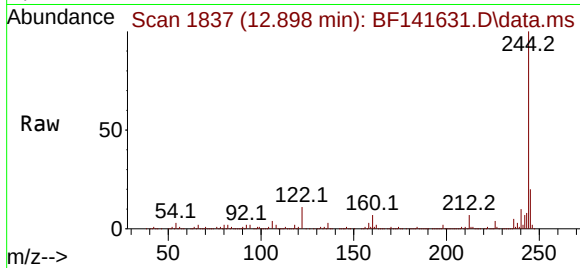




#79
 Terphenyl-d14
 Concen: 92.410 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141631.D
 Acq: 14 Feb 2025 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB166700TB

Tgt Ion:244 Resp: 1614452
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.6 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2268
 Delta R.T. 0.018 min
 Lab File: BF141631.D
 Acq: 14 Feb 2025 11:21

Tgt Ion:264 Resp: 216122
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.8 17.0 25.4

