

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
 Data File : BF141760.D
 Acq On : 25 Feb 2025 13:02
 Operator : RC/JU
 Sample : PB166824TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166824TB

Quant Time: Feb 25 13:26:16 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)

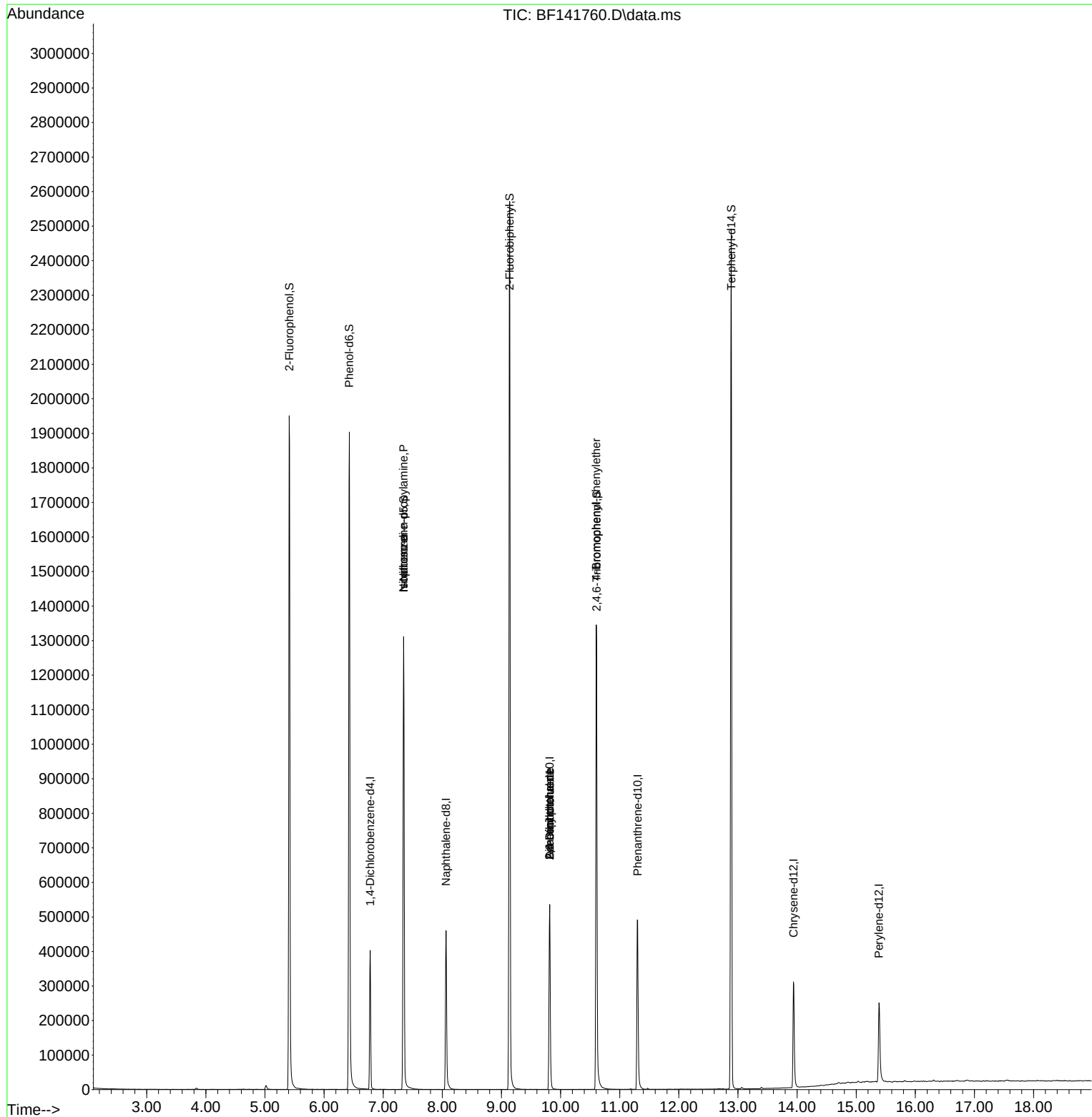
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	83192	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	337595	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	183626	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	308241	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	184115	20.000	ng	-0.02
86) Perylene-d12	15.386	264	164298	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	780174	147.023	ng	0.00
7) Phenol-d6	6.428	99	942678	140.552	ng	-0.01
23) Nitrobenzene-d5	7.345	82	630232	97.370	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	246569	133.670	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1206046	101.189	ng	-0.01
79) Terphenyl-d14	12.886	244	1254306	115.009	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	86408	21.538	ng	# 71
25) Isophorone	7.345	82	618775	59.957	ng	# 66
50) Dimethylphthalate	9.816	163	25885	2.076	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	23938	8.784	ng	# 22
57) 2,4-Dinitrotoluene	9.816	165	23939	6.599	ng	# 18
67) 4-Bromophenyl-phenylether	10.604	248	17300	5.022	ng	# 1

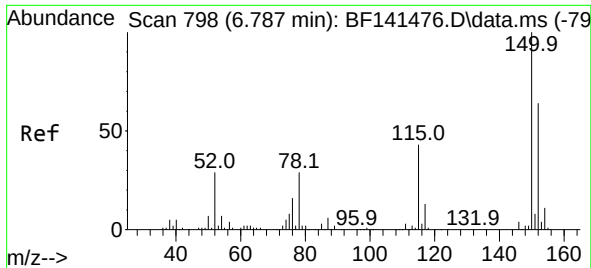
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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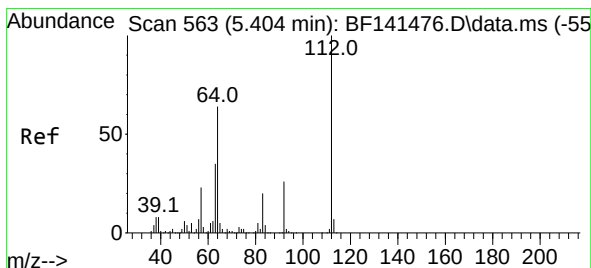
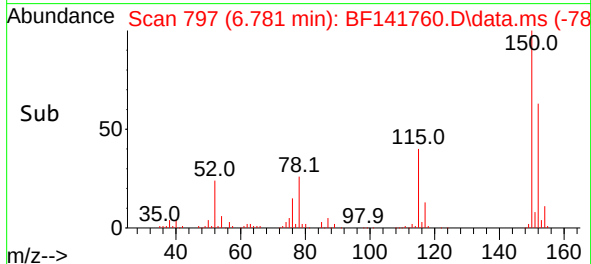
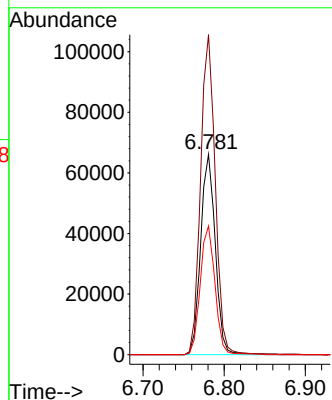
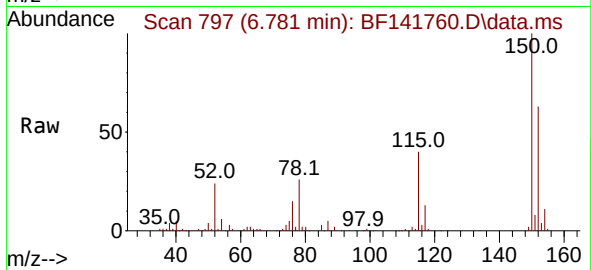




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141760.D
 Acq: 25 Feb 2025 13:02

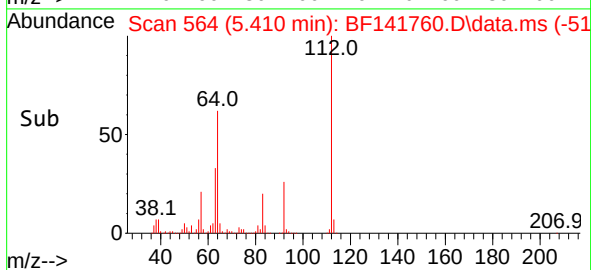
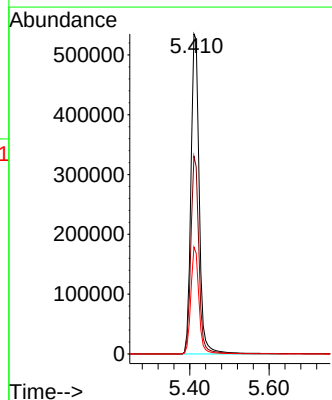
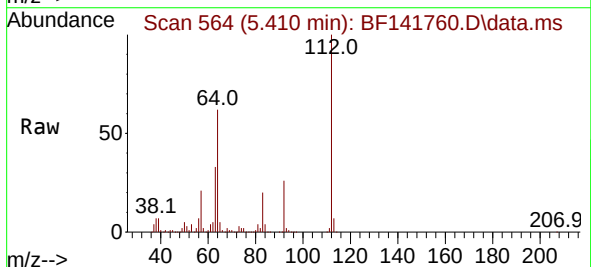
Instrument :
 BNA_F
 ClientSampleId :
 PB166824TB

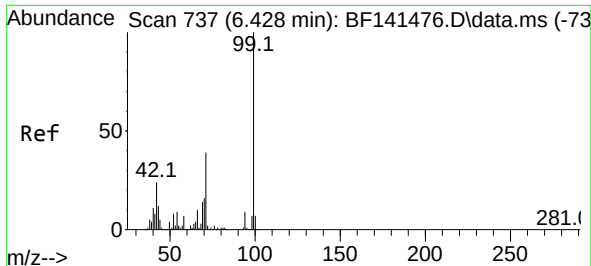
Tgt Ion:152 Resp: 83192
 Ion Ratio Lower Upper
 152 100
 150 159.7 125.0 187.4
 115 64.2 53.6 80.4



#5
 2-Fluorophenol
 Concen: 147.023 ng
 RT: 5.410 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: BF141760.D
 Acq: 25 Feb 2025 13:02

Tgt Ion:112 Resp: 780174
 Ion Ratio Lower Upper
 112 100
 64 61.8 51.1 76.7
 63 33.4 28.4 42.6

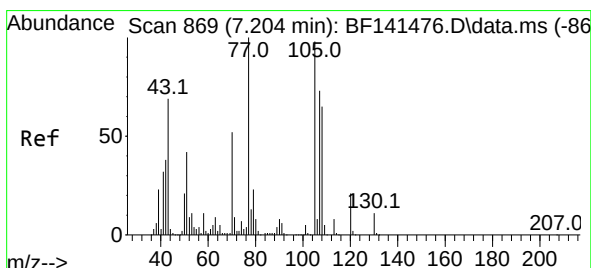
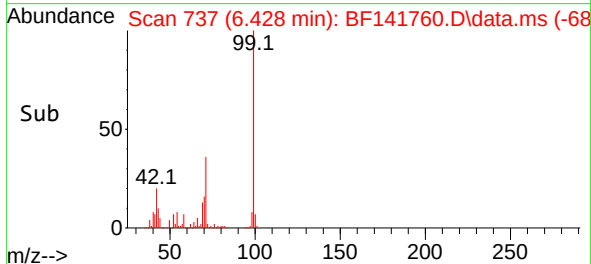
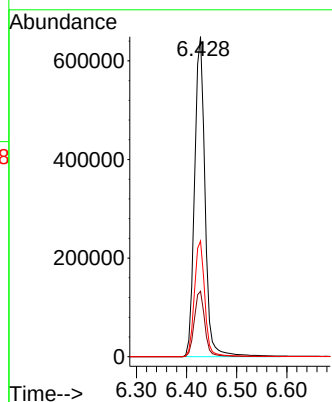
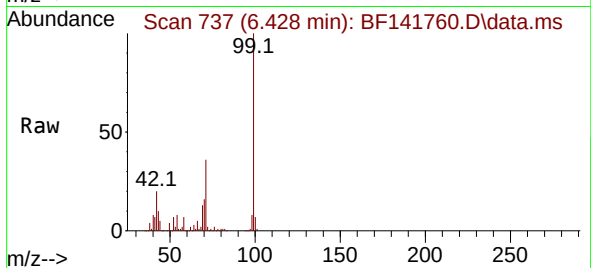




#7
Phenol-d6
Concen: 140.552 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141760.D
Acq: 25 Feb 2025 13:02

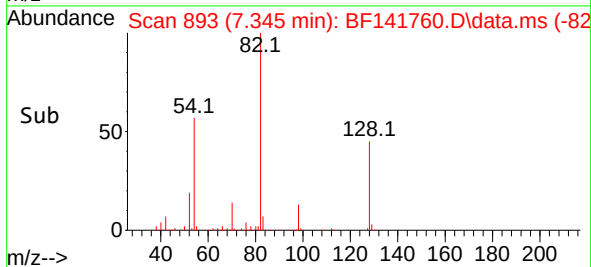
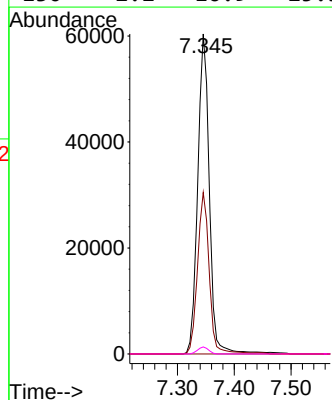
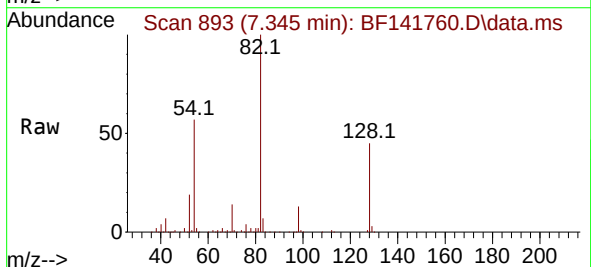
Instrument :
BNA_F
ClientSampleId :
PB166824TB

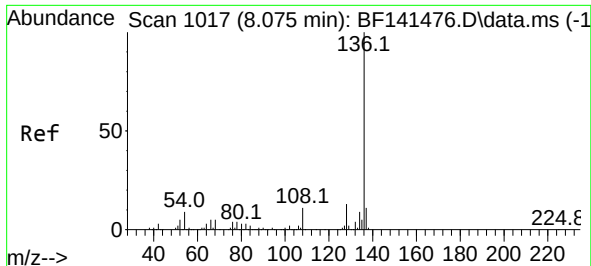
Tgt Ion: 99 Resp: 942678
Ion Ratio Lower Upper
99 100
42 20.4 19.1 28.7
71 36.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 21.538 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF141760.D
Acq: 25 Feb 2025 13:02

Tgt Ion: 70 Resp: 86408
Ion Ratio Lower Upper
70 100
42 50.5 57.4 86.2#
101 0.0 8.0 12.0#
130 2.2 16.9 25.3#

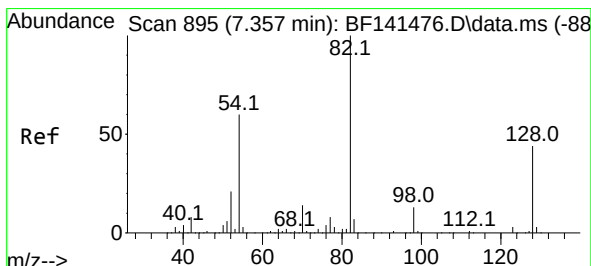
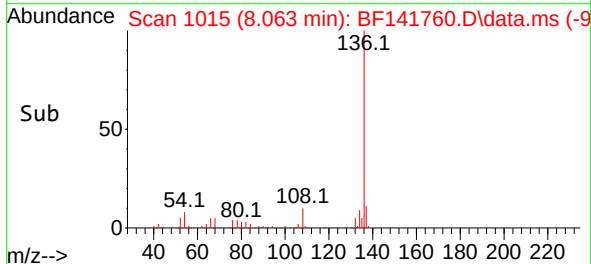
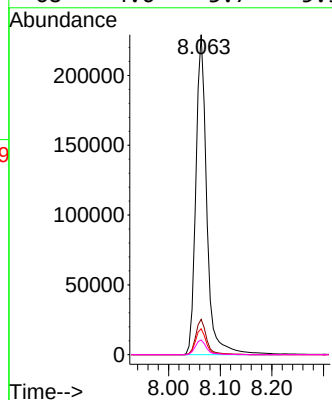
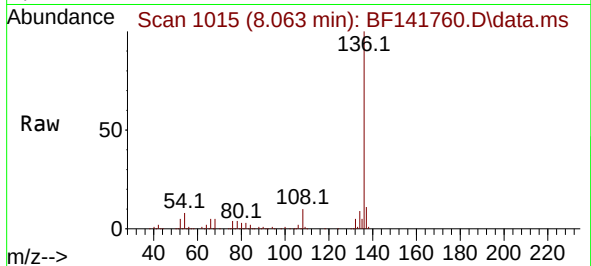




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141760.D
Acq: 25 Feb 2025 13:02

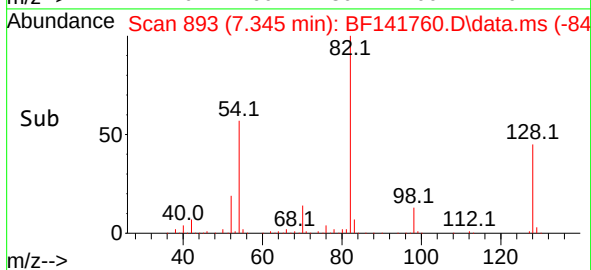
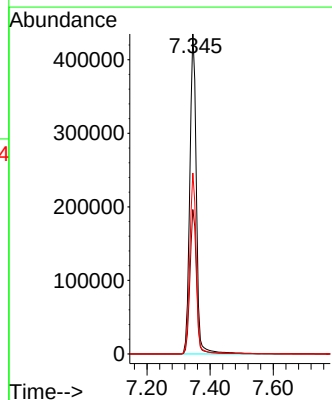
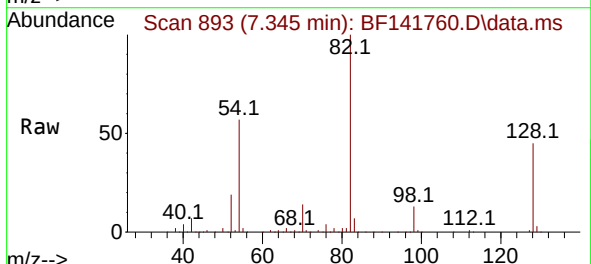
Instrument :
BNA_F
ClientSampleId :
PB166824TB

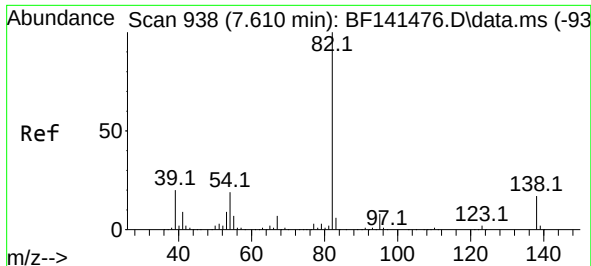
Tgt Ion:136 Resp: 337595
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.1 7.2 10.8
68 4.6 3.7 5.5



#23
Nitrobenzene-d5
Concen: 97.370 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF141760.D
Acq: 25 Feb 2025 13:02

Tgt Ion: 82 Resp: 630232
Ion Ratio Lower Upper
82 100
128 45.2 34.8 52.2
54 56.5 48.2 72.4

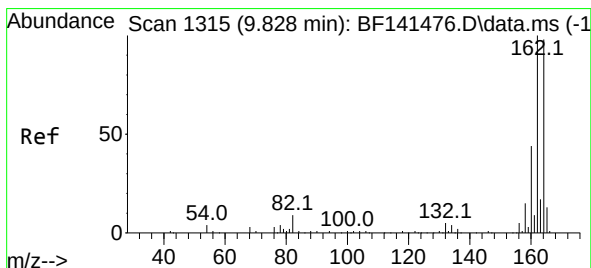
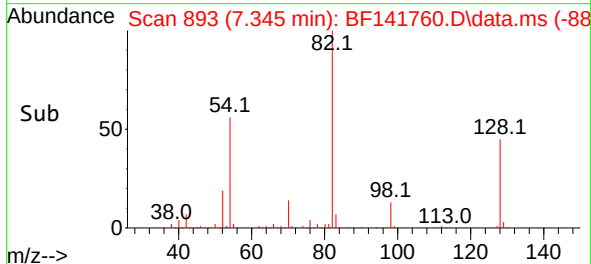
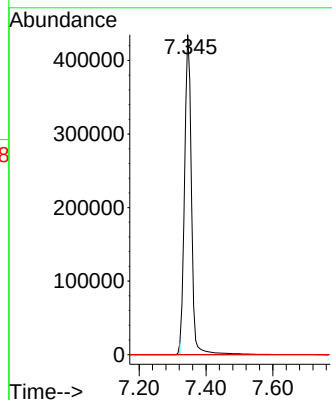
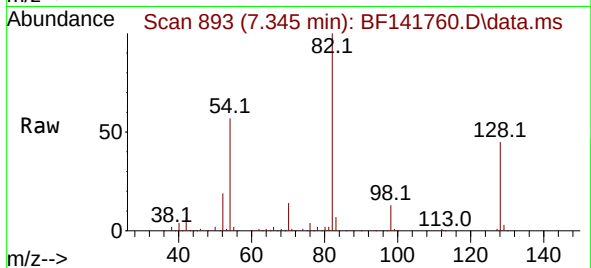




#25
Isophorone
Concen: 59.957 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF141760.D
Acq: 25 Feb 2025 13:02

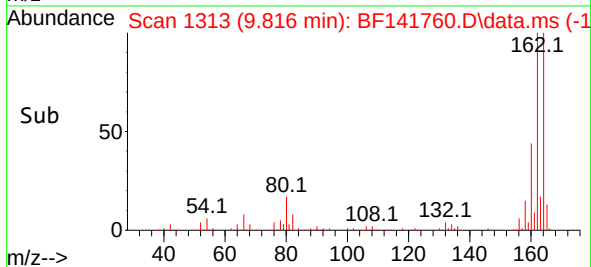
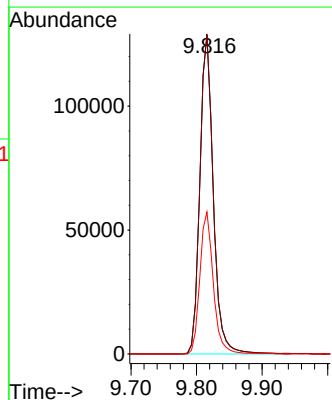
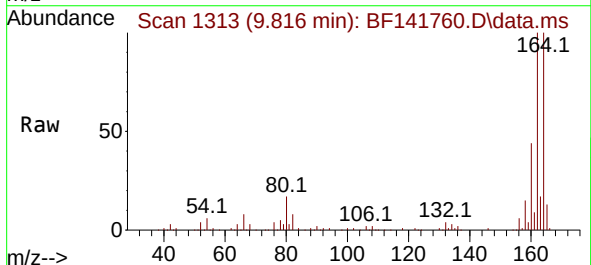
Instrument :
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ClientSampleId :
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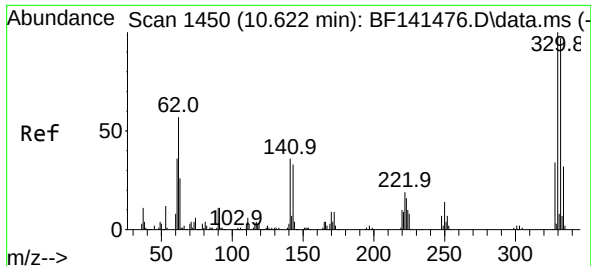
Tgt Ion: 82 Resp: 618775
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF141760.D
Acq: 25 Feb 2025 13:02

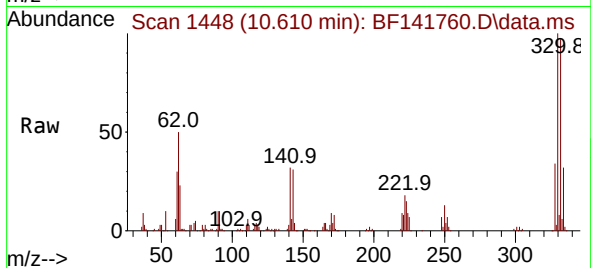
Tgt Ion:164 Resp: 183626
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 44.6 35.9 53.9



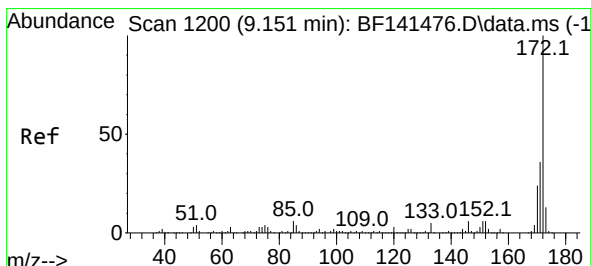
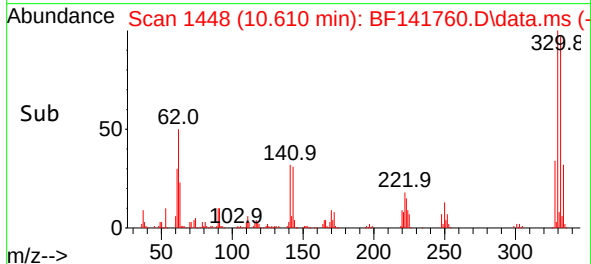
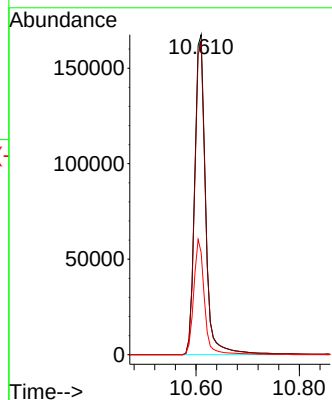


#42
2,4,6-Tribromophenol
Concen: 133.670 ng
RT: 10.610 min Scan# 1450
Delta R.T. -0.017 min
Lab File: BF141760.D
Acq: 25 Feb 2025 13:02

Instrument :
BNA_F
ClientSampleId :
PB166824TB

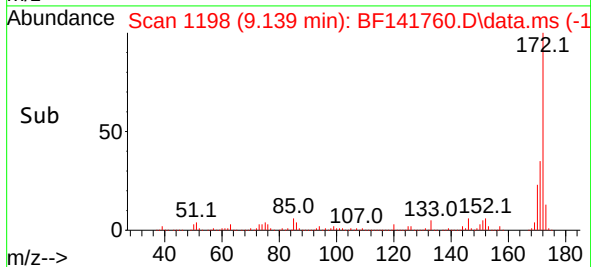
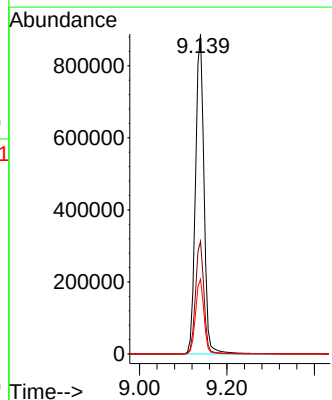
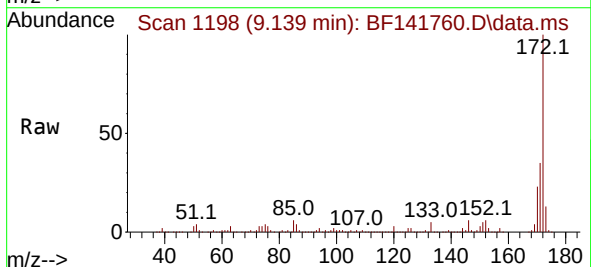


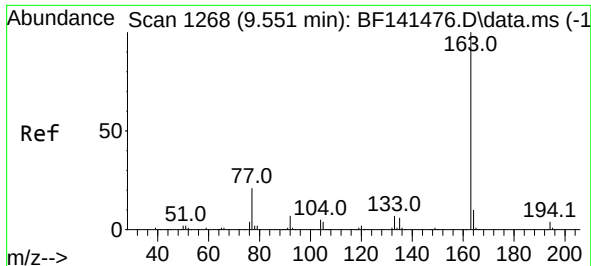
Tgt Ion:330 Resp: 246569
Ion Ratio Lower Upper
330 100
332 97.3 78.5 117.7
141 35.2 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 101.189 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF141760.D
Acq: 25 Feb 2025 13:02

Tgt Ion:172 Resp: 1206046
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 23.3 18.9 28.3

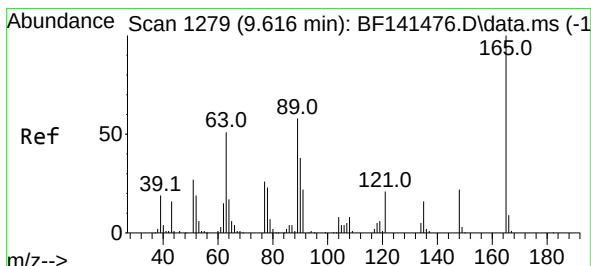
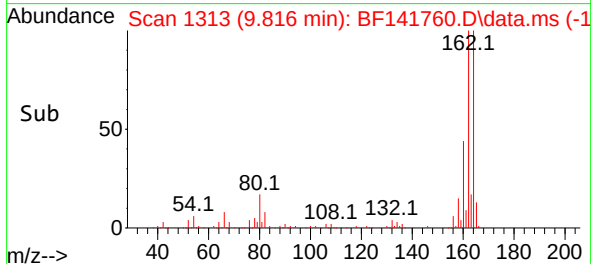
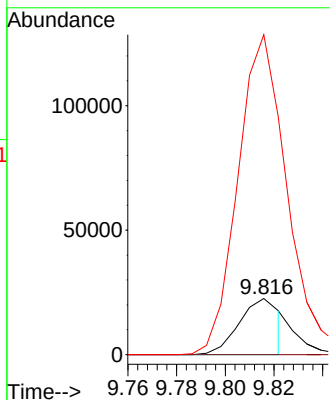
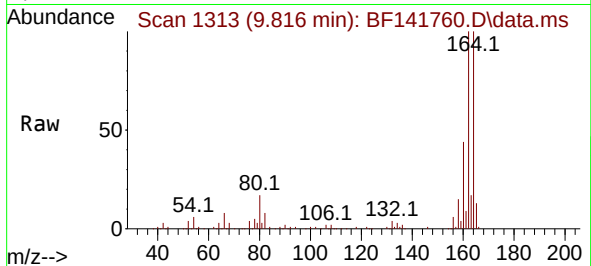




#50
Dimethylphthalate
Concen: 2.076 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.253 min
Lab File: BF141760.D
Acq: 25 Feb 2025 13:02

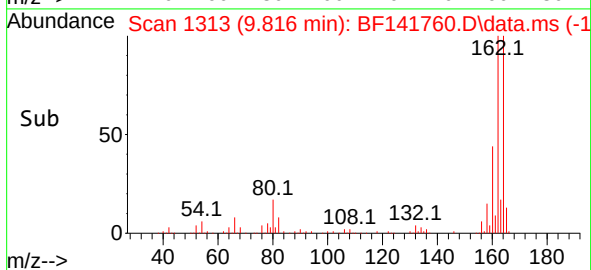
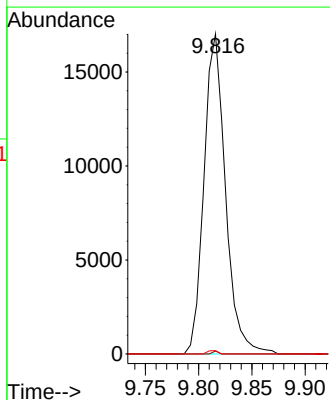
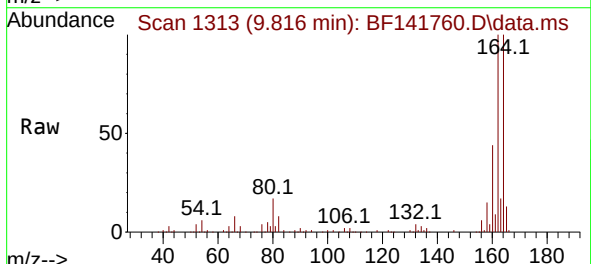
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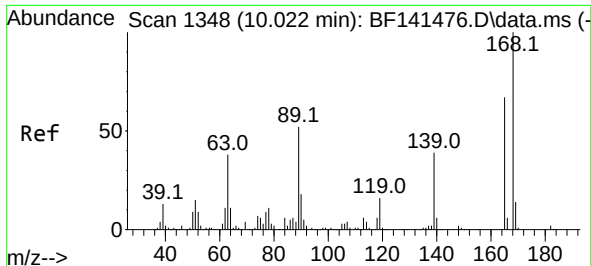
Tgt Ion:163 Resp: 25885
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 570.1 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.784 ng
RT: 9.816 min Scan# 1313
Delta R.T. 0.194 min
Lab File: BF141760.D
Acq: 25 Feb 2025 13:02

Tgt Ion:165 Resp: 23938
Ion Ratio Lower Upper
165 100
63 0.9 49.4 74.0#
89 1.1 46.5 69.7#

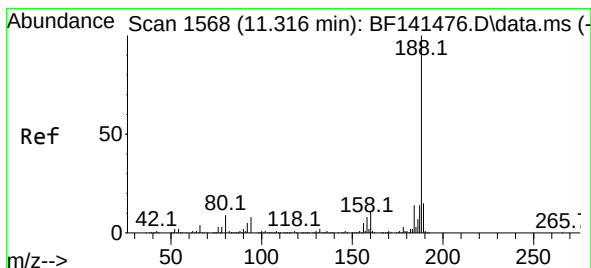
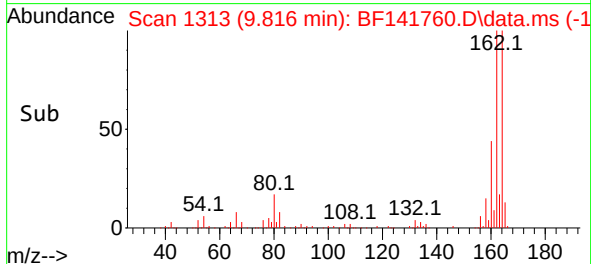
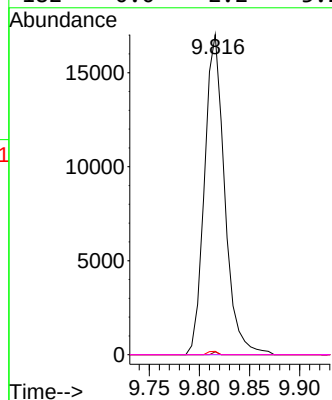
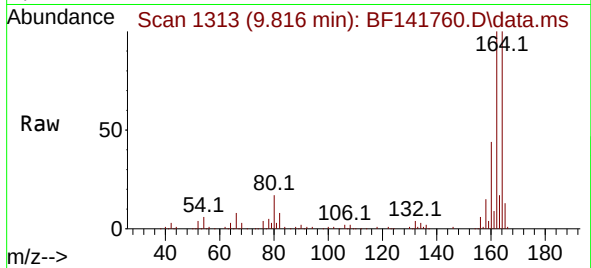




#57
2,4-Dinitrotoluene
Concen: 6.599 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF141760.D
Acq: 25 Feb 2025 13:02

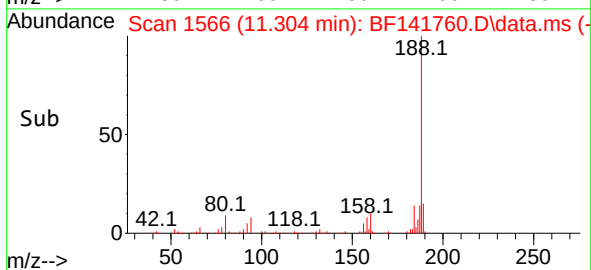
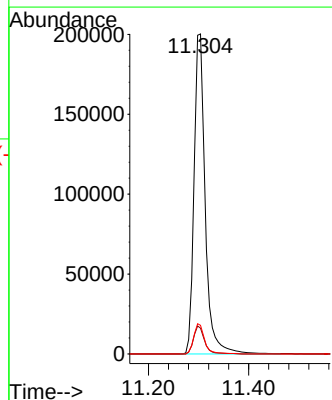
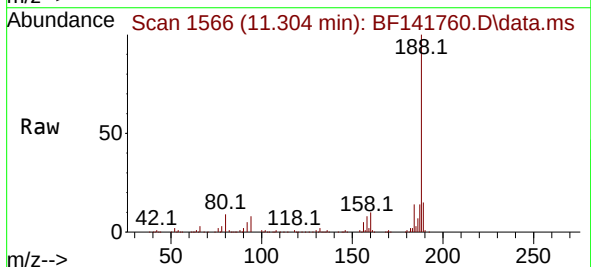
Instrument :
BNA_F
ClientSampleId :
PB166824TB

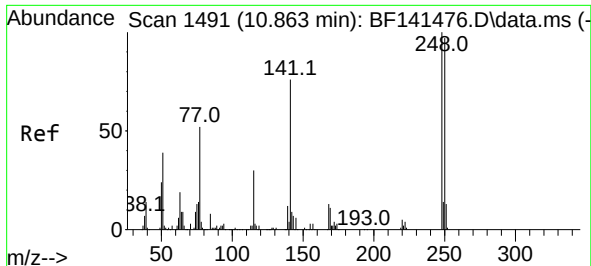
Tgt Ion:165 Resp: 23939
Ion Ratio Lower Upper
165 100
63 0.9 46.4 69.6#
89 1.1 61.8 92.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF141760.D
Acq: 25 Feb 2025 13:02

Tgt Ion:188 Resp: 308241
Ion Ratio Lower Upper
188 100
94 8.1 6.6 10.0
80 9.0 7.3 10.9

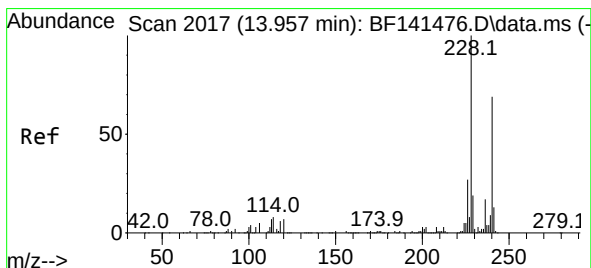
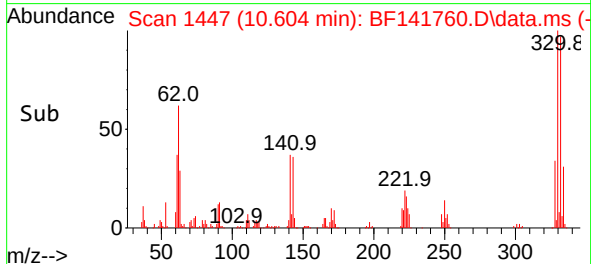
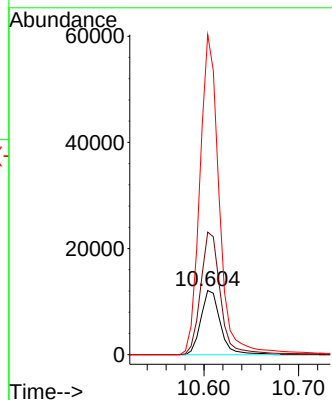
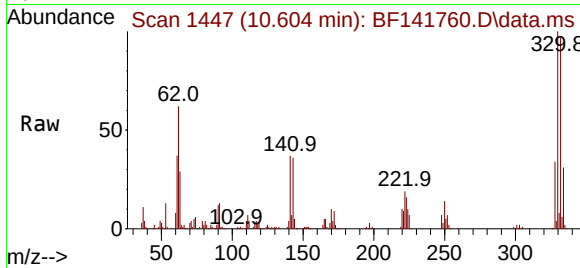




#67
4-Bromophenyl-phenylether
Concen: 5.022 ng
RT: 10.604 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF141760.D
Acq: 25 Feb 2025 13:02

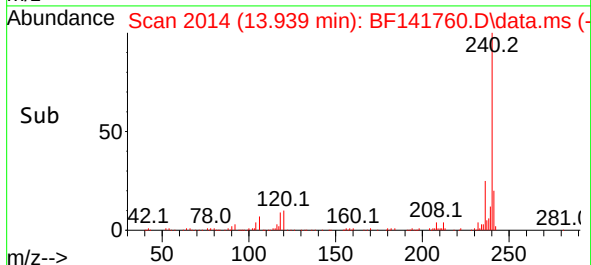
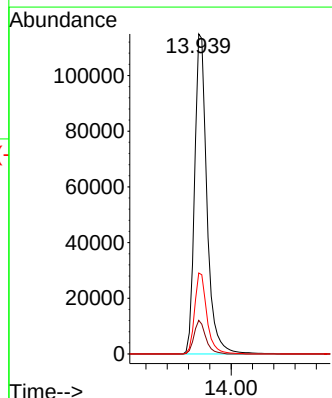
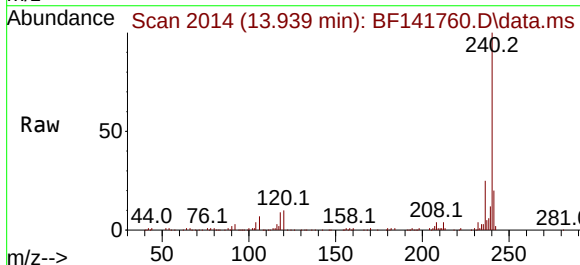
Instrument :
BNA_F
ClientSampleId :
PB166824TB

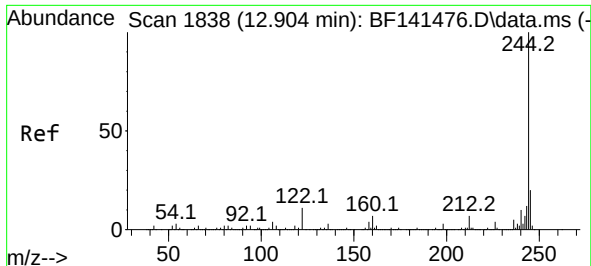
Tgt Ion:248 Resp: 17300
Ion Ratio Lower Upper
248 100
250 190.8 77.8 116.6#
141 498.2 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141760.D
Acq: 25 Feb 2025 13:02

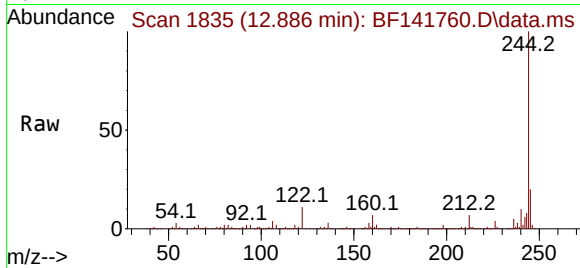
Tgt Ion:240 Resp: 184115
Ion Ratio Lower Upper
240 100
120 10.5 8.0 12.0
236 25.3 19.8 29.8





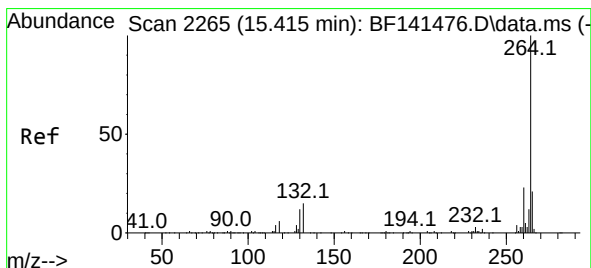
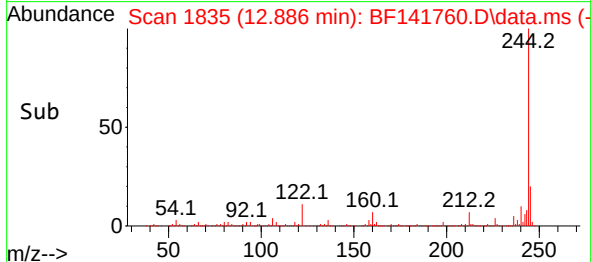
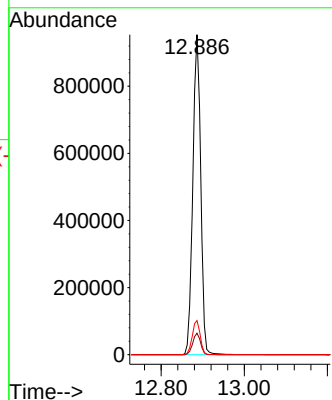
#79
 Terphenyl-d14
 Concen: 115.009 ng
 RT: 12.886 min Scan# 1835
 Delta R.T. -0.018 min
 Lab File: BF141760.D
 Acq: 25 Feb 2025 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB166824TB



Tgt Ion:244 Resp: 1254306

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.6	8.4	12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2260
 Delta R.T. -0.029 min
 Lab File: BF141760.D
 Acq: 25 Feb 2025 13:02

Tgt Ion:264 Resp: 164298

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.9	17.0	25.4

