

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
 Data File : BF141743.D
 Acq On : 24 Feb 2025 14:40
 Operator : RC/JU
 Sample : Q1397-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7

Quant Time: Feb 24 15:00:50 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)

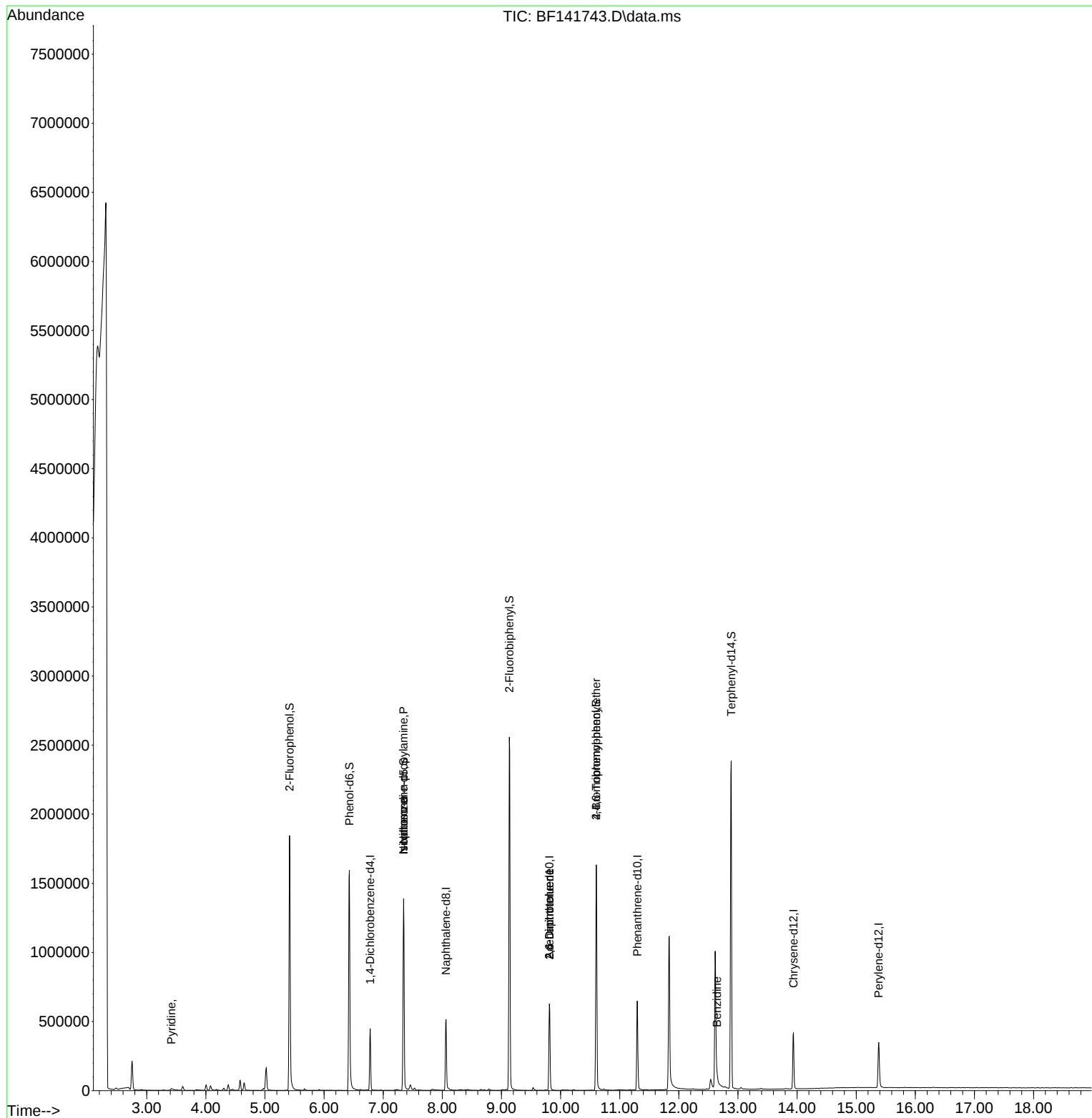
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	91555	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	365638	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	200120	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	345232	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	214922	20.000	ng	-0.02
86) Perylene-d12	15.380	264	213887	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	725067	124.157	ng	0.00
7) Phenol-d6	6.428	99	818714	110.919	ng	-0.01
23) Nitrobenzene-d5	7.345	82	634568	90.521	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	279975	139.271	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	1190318	91.638	ng	-0.02
79) Terphenyl-d14	12.886	244	1220342	95.856	ng	-0.02
Target Compounds						Qvalue
3) Pyridine	3.416	79	13957	2.495	ng	96
19) n-Nitroso-di-n-propyla...	7.345	70	87499	19.818	ng	# 72
25) Isophorone	7.345	82	614447	54.972	ng	# 66
51) 2,6-Dinitrotoluene	9.810	165	25594	8.618	ng	# 23
57) 2,4-Dinitrotoluene	9.810	165	25594	6.473	ng	# 19
67) 4-Bromophenyl-phenylether	10.604	248	18942	4.909	ng	# 1
77) Benzidine	12.645	184	26565	5.604	ng	# 81

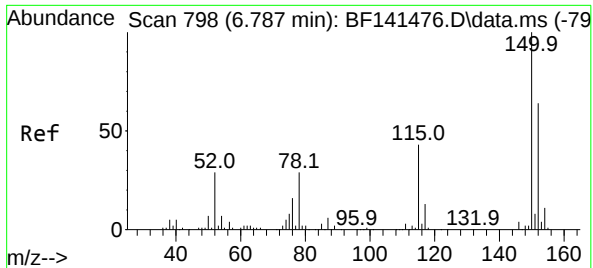
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
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Misc :
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Instrument :
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Quant Time: Feb 24 15:00:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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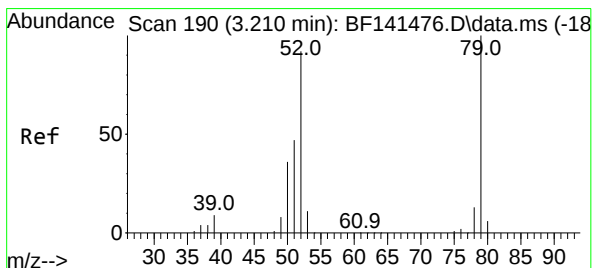
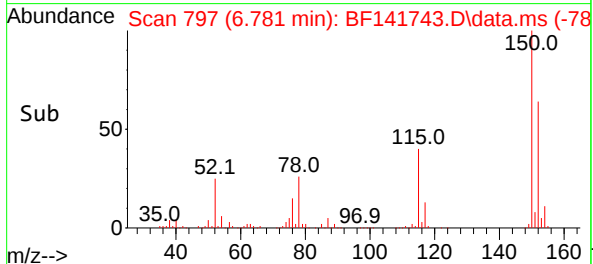
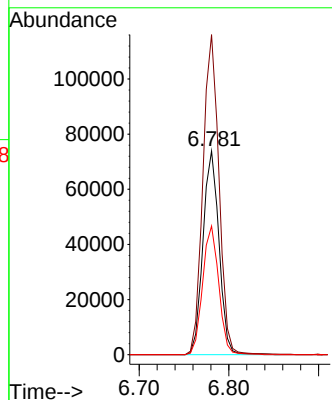
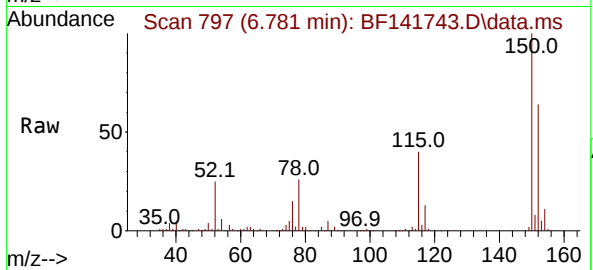




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

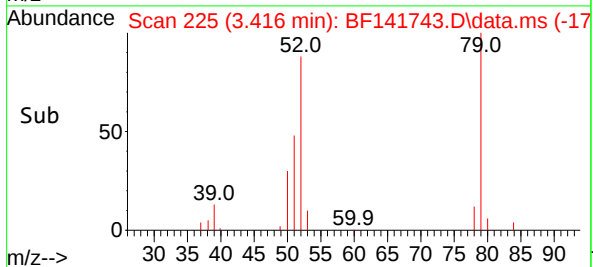
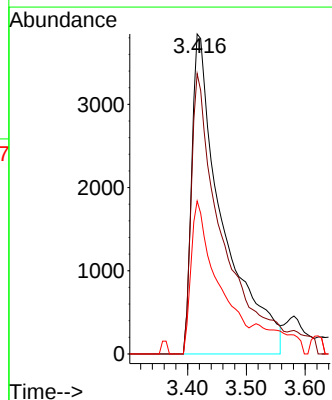
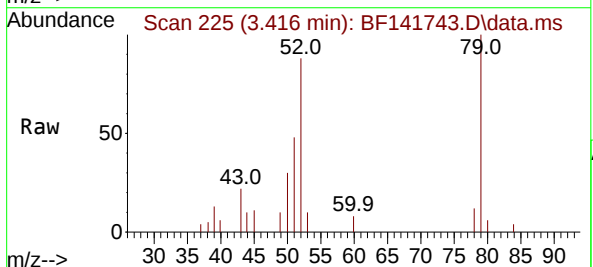
Instrument :
BNA_F
ClientSampleId :
TP7

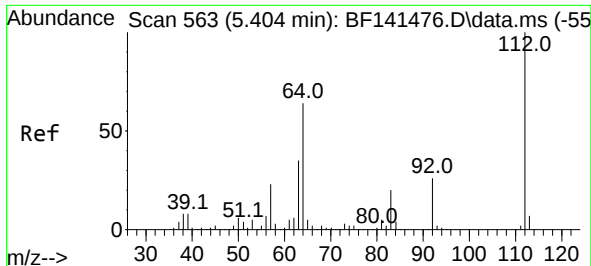
Tgt Ion:152 Resp: 91555
Ion Ratio Lower Upper
152 100
150 157.2 125.0 187.4
115 63.1 53.6 80.4



#3
Pyridine
Concen: 2.495 ng
RT: 3.416 min Scan# 225
Delta R.T. 0.200 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

Tgt Ion: 79 Resp: 13957
Ion Ratio Lower Upper
79 100
52 87.6 73.7 110.5
51 47.8 37.5 56.3

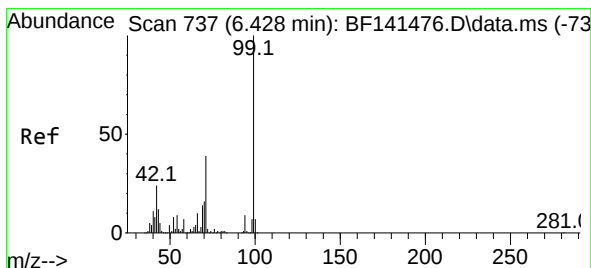
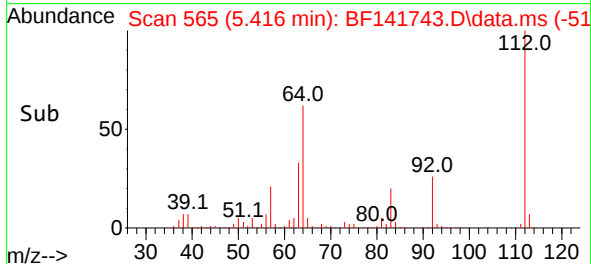
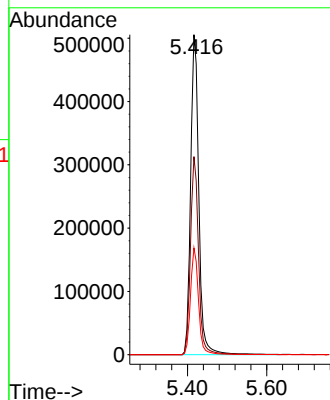
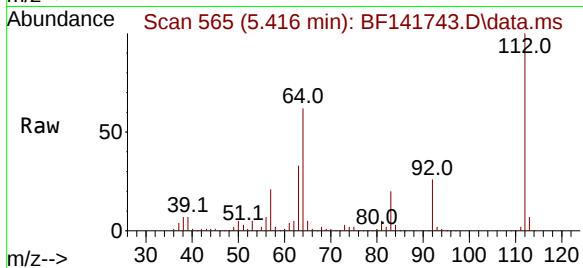




#5
2-Fluorophenol
Concen: 124.157 ng
RT: 5.416 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

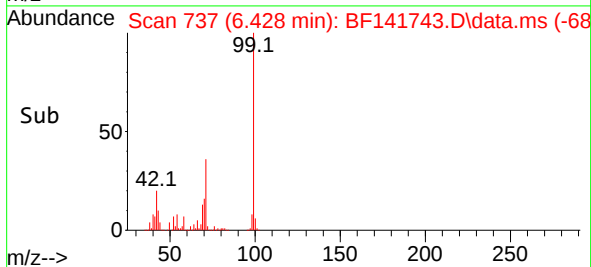
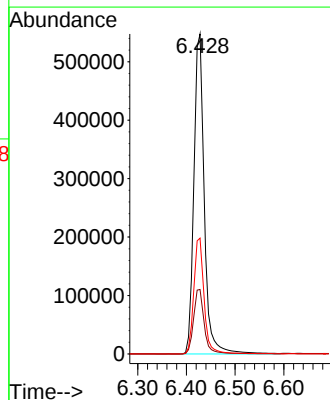
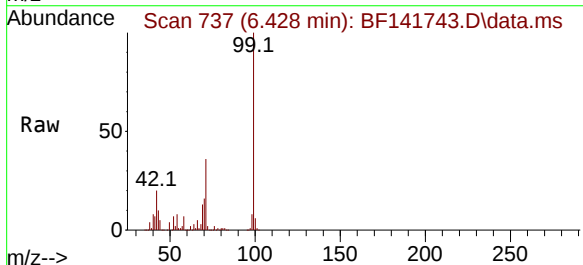
Instrument :
BNA_F
ClientSampleId :
TP7

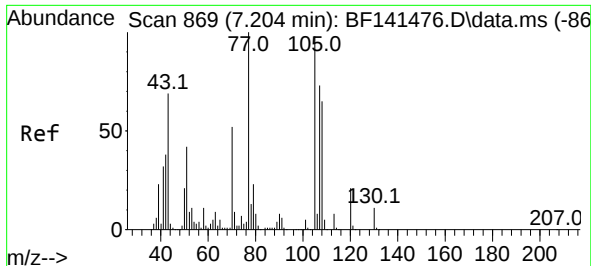
Tgt Ion:112 Resp: 725067
Ion Ratio Lower Upper
112 100
64 61.9 51.1 76.7
63 33.4 28.4 42.6



#7
Phenol-d6
Concen: 110.919 ng
RT: 6.428 min Scan# 737
Delta R.T. -0.012 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

Tgt Ion: 99 Resp: 818714
Ion Ratio Lower Upper
99 100
42 20.2 19.1 28.7
71 36.2 31.1 46.7

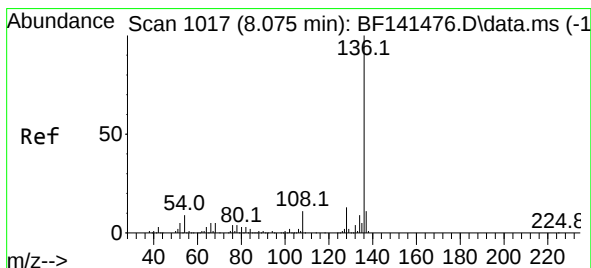
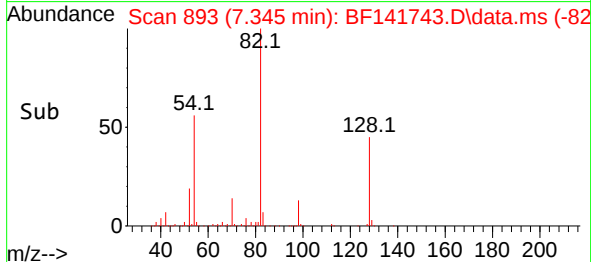
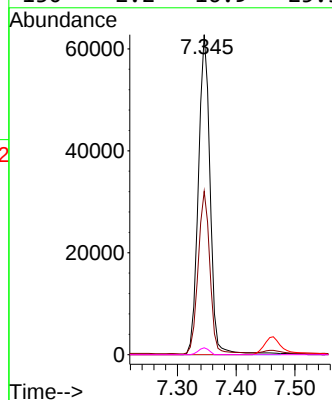
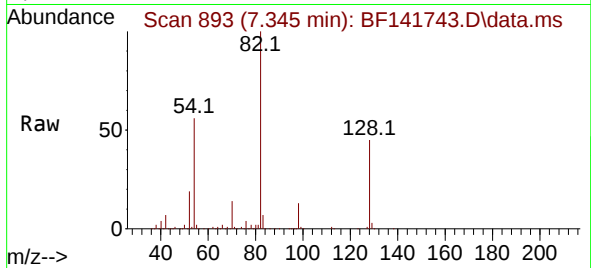




#19
n-Nitroso-di-n-propylamine
Concen: 19.818 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

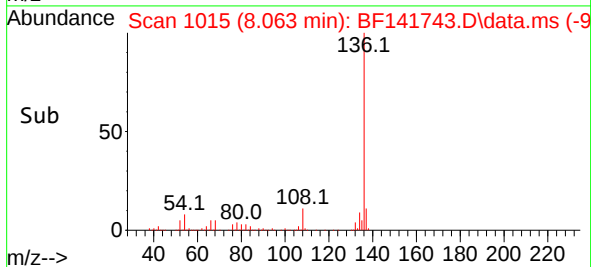
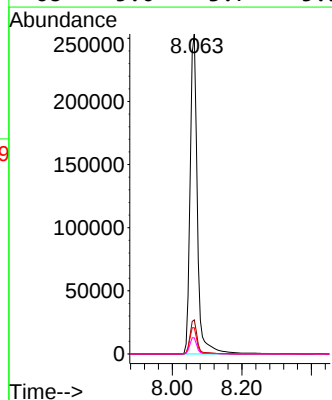
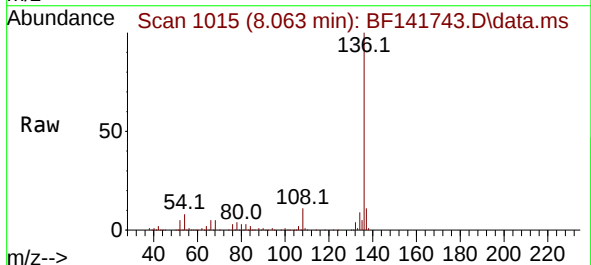
Instrument :
BNA_F
ClientSampleId :
TP7

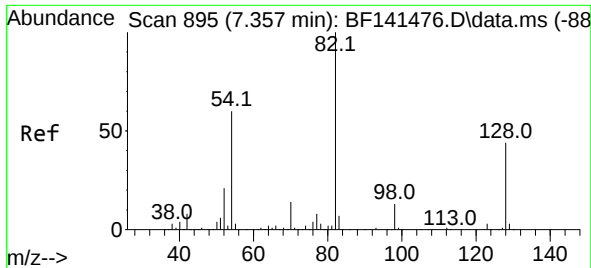
Tgt Ion: 70 Resp: 87499
Ion Ratio Lower Upper
70 100
42 51.0 57.4 86.2#
101 0.0 8.0 12.0#
130 2.2 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

Tgt Ion: 136 Resp: 365638
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.2 7.2 10.8
68 5.0 3.7 5.5

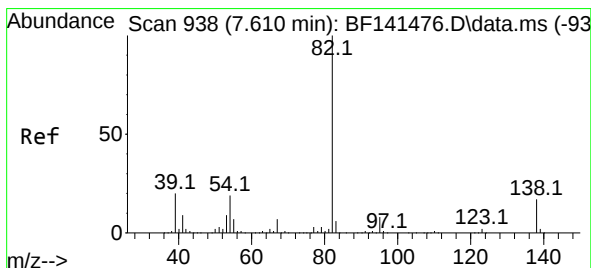
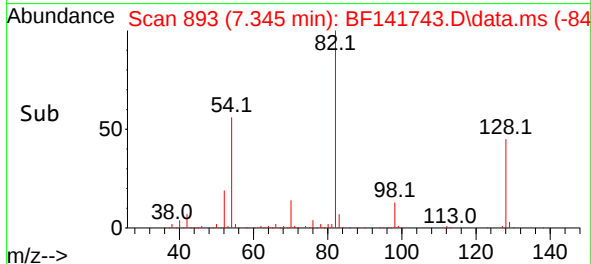
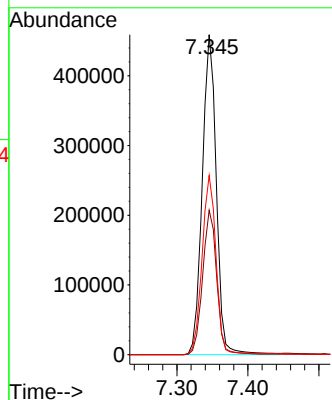
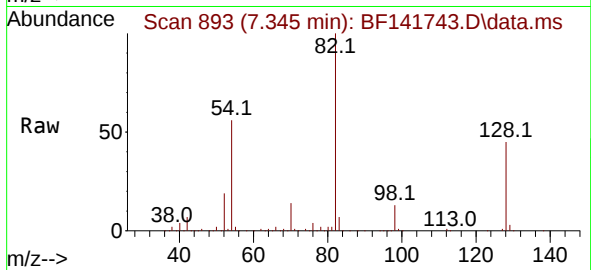




#23
Nitrobenzene-d5
Concen: 90.521 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

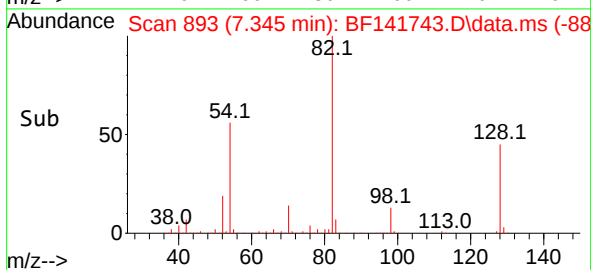
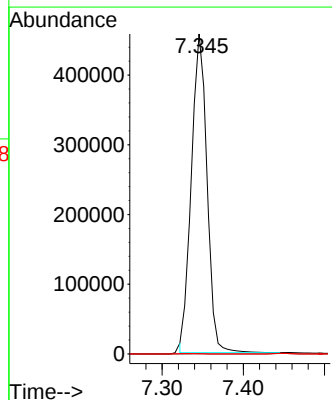
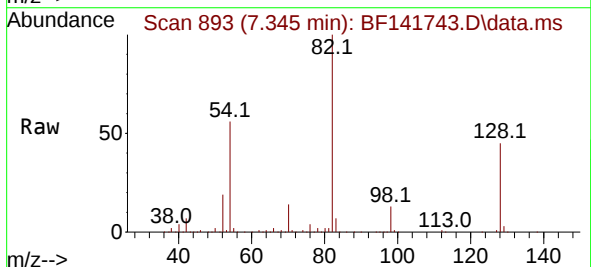
Instrument :
BNA_F
ClientSampleId :
TP7

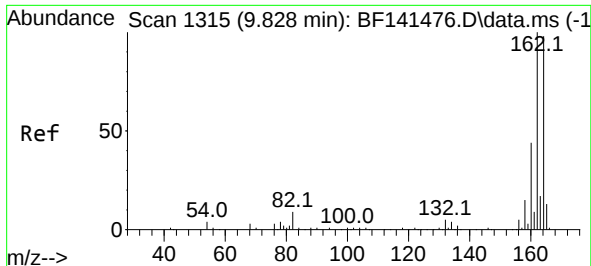
Tgt Ion: 82 Resp: 634568
Ion Ratio Lower Upper
82 100
128 45.2 34.8 52.2
54 56.0 48.2 72.4



#25
Isophorone
Concen: 54.972 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.276 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

Tgt Ion: 82 Resp: 614447
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.1 13.9 20.9#

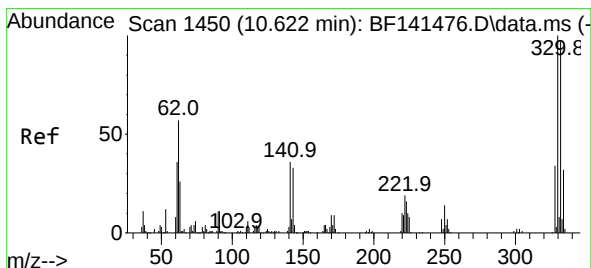
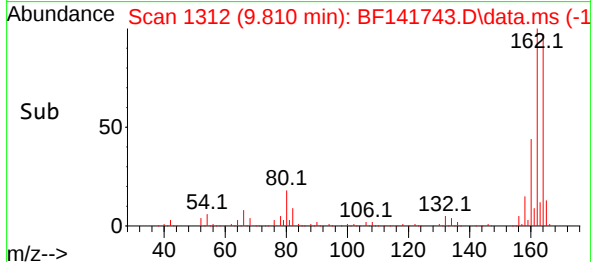
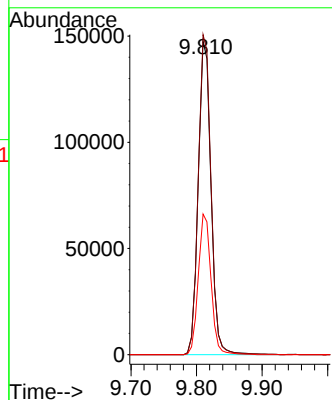
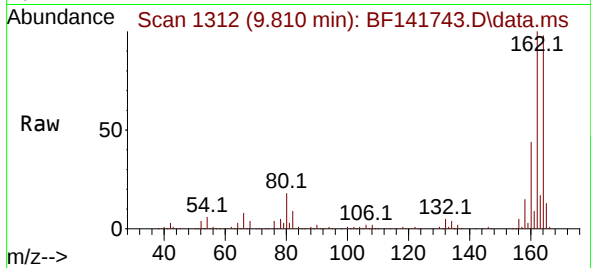




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

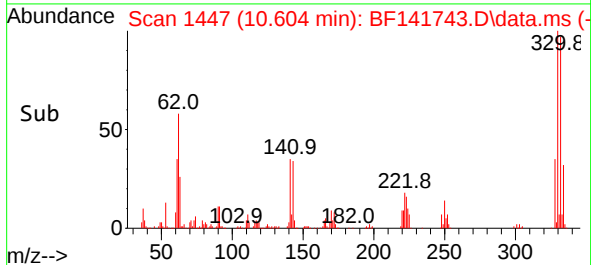
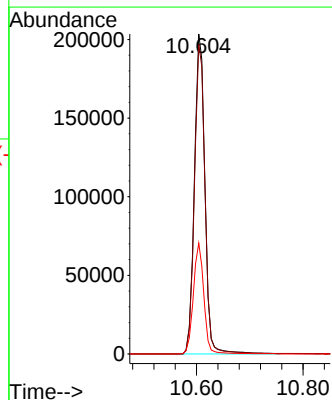
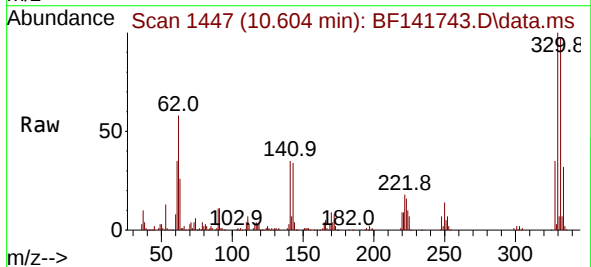
Instrument :
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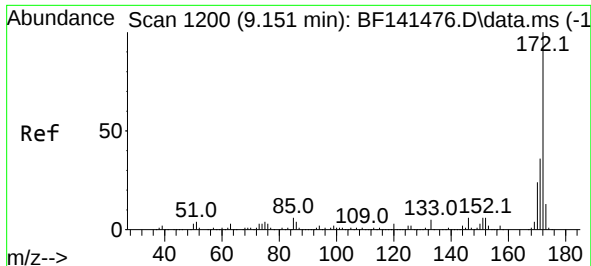
Tgt Ion:164 Resp: 200120
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 44.9 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 139.271 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.023 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

Tgt Ion:330 Resp: 279975
Ion Ratio Lower Upper
330 100
332 96.9 78.5 117.7
141 34.5 31.0 46.4

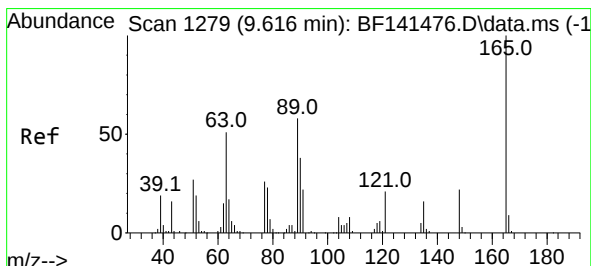
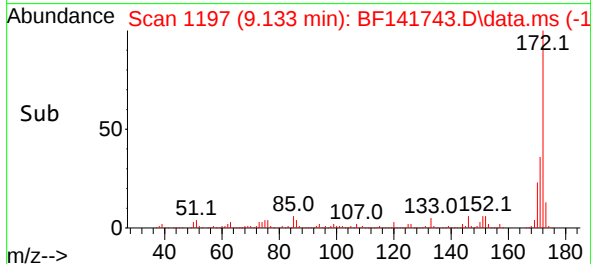
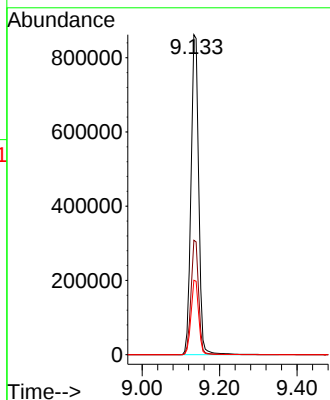
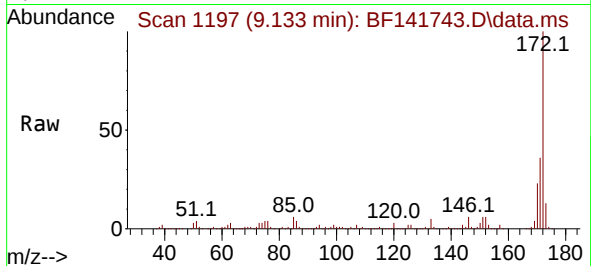




#45
2-Fluorobiphenyl
Concen: 91.638 ng
RT: 9.133 min Scan# 1197
Delta R.T. -0.018 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

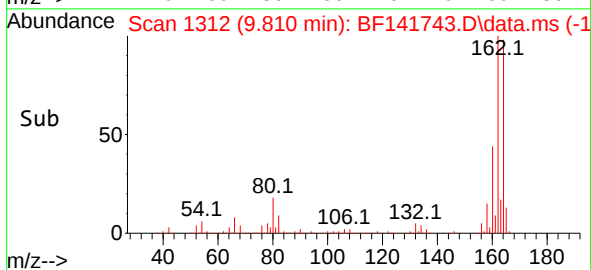
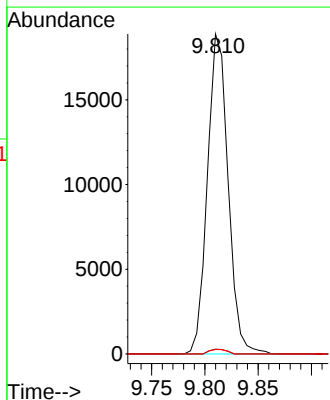
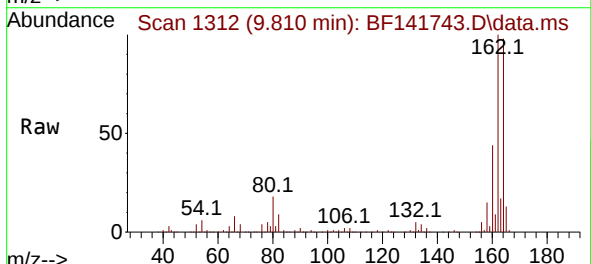
Instrument :
BNA_F
ClientSampleId :
TP7

Tgt Ion:172 Resp: 1190318
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.2 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.618 ng
RT: 9.810 min Scan# 1312
Delta R.T. 0.188 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

Tgt Ion:165 Resp: 25594
Ion Ratio Lower Upper
165 100
63 1.5 49.4 74.0#
89 1.4 46.5 69.7#

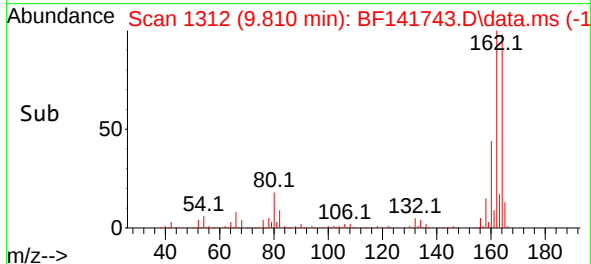
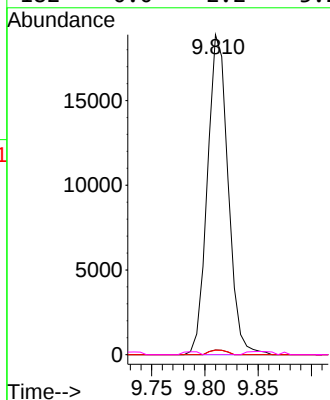
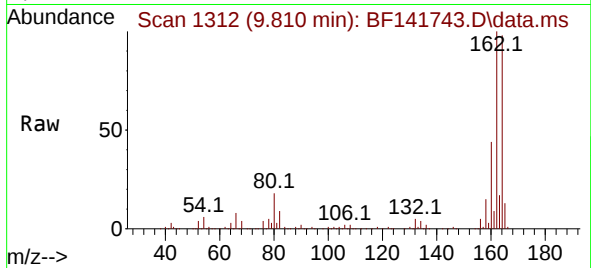




#57
2,4-Dinitrotoluene
Concen: 6.473 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

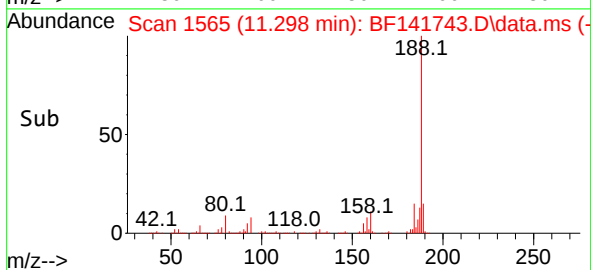
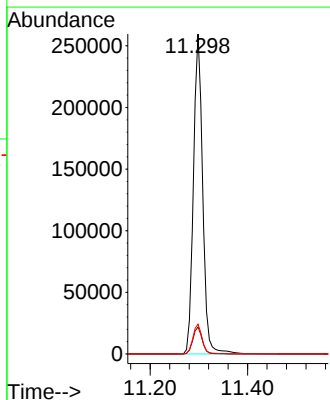
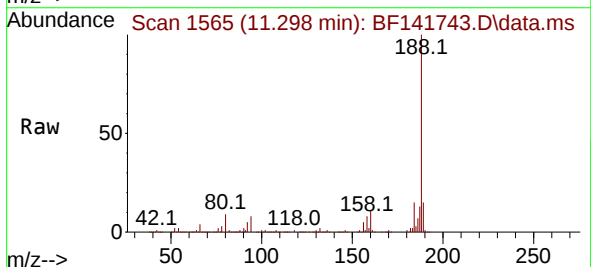
Instrument :
BNA_F
ClientSampleId :
TP7

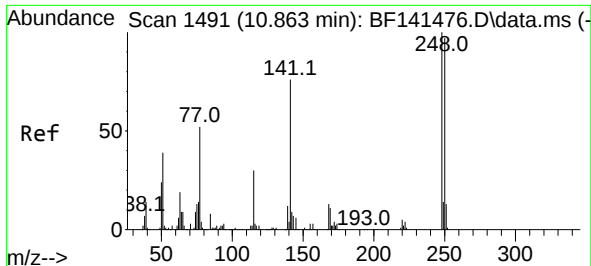
Tgt Ion:	165	Resp:	25594
Ion Ratio	Lower	Upper	
165	100		
63	1.5	46.4	69.6#
89	1.4	61.8	92.6#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.018 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

Tgt Ion:	188	Resp:	345232
Ion Ratio	Lower	Upper	
188	100		
94	8.4	6.6	10.0
80	9.3	7.3	10.9

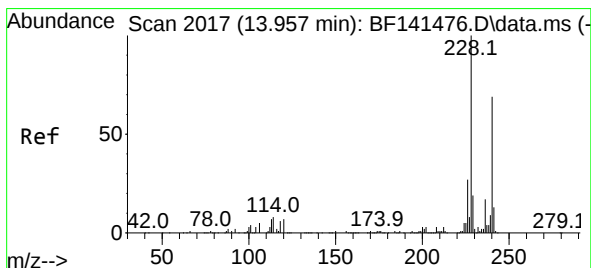
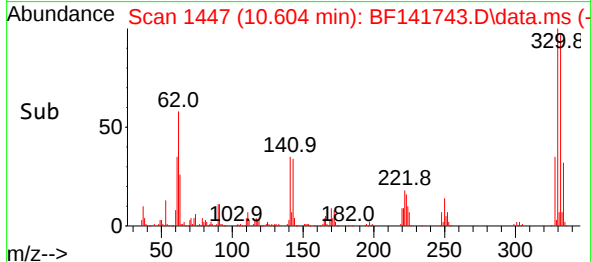
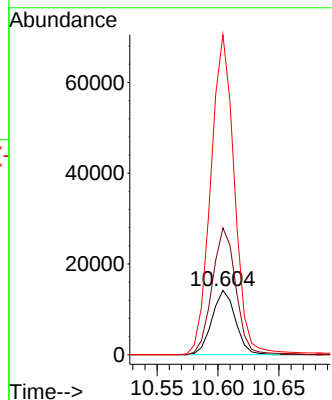
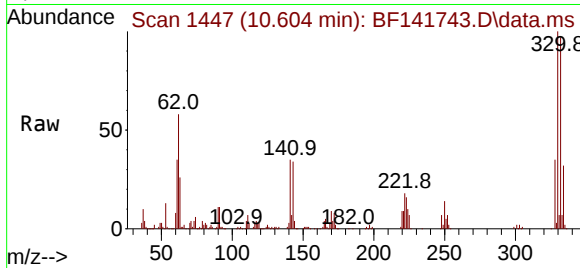




#67
4-Bromophenyl-phenylether
Concen: 4.909 ng
RT: 10.604 min Scan# 1491
Delta R.T. -0.259 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

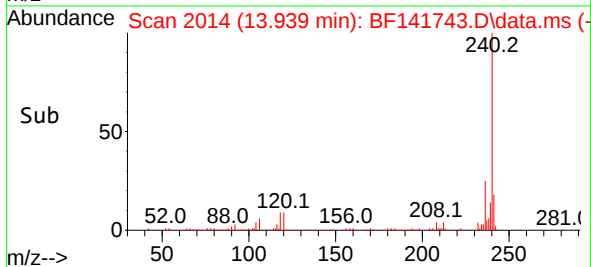
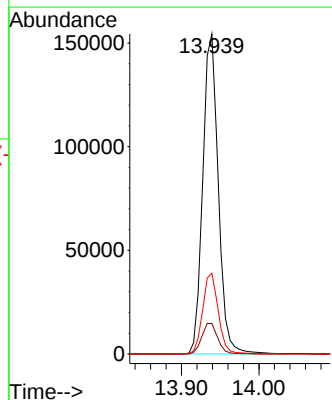
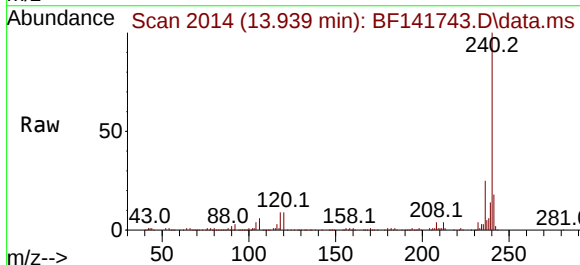
Instrument :
BNA_F
ClientSampleId :
TP7

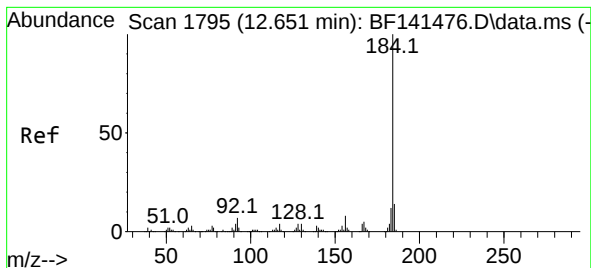
Tgt Ion:248 Resp: 18942
Ion Ratio Lower Upper
248 100
250 196.9 77.8 116.6#
141 497.5 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

Tgt Ion:240 Resp: 214922
Ion Ratio Lower Upper
240 100
120 9.5 8.0 12.0
236 25.3 19.8 29.8





#77

Benzidine

Concen: 5.604 ng

RT: 12.645 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141743.D

Acq: 24 Feb 2025 14:40

Instrument :

BNA_F

ClientSampleId :

TP7

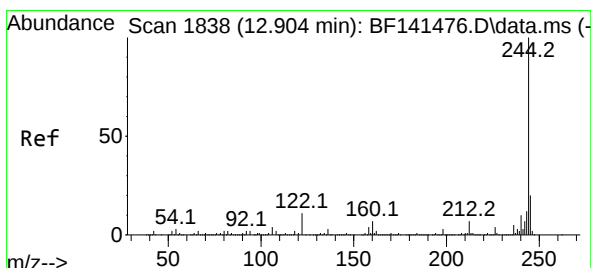
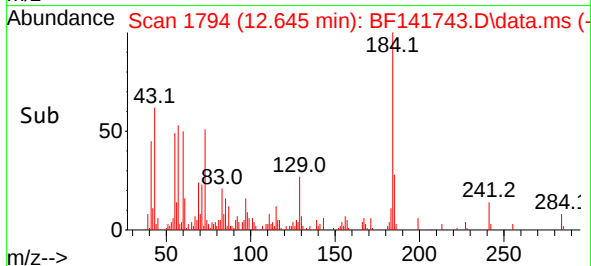
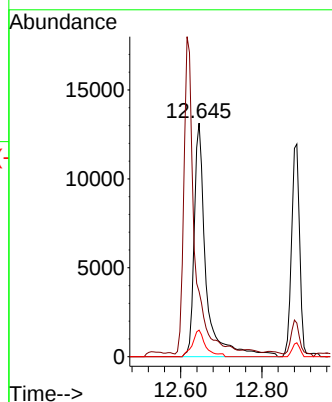
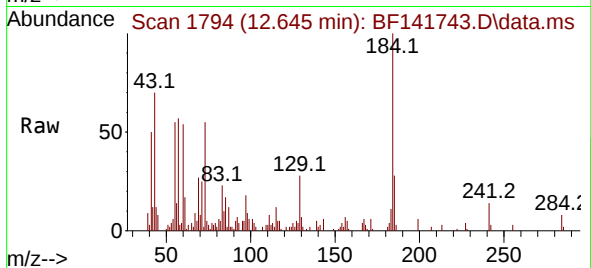
Tgt Ion:184 Resp: 26565

Ion Ratio Lower Upper

184 100

185 27.9 11.3 16.9#

183 11.3 9.3 13.9



#79

Terphenyl-d14

Concen: 95.856 ng

RT: 12.886 min Scan# 1835

Delta R.T. -0.018 min

Lab File: BF141743.D

Acq: 24 Feb 2025 14:40

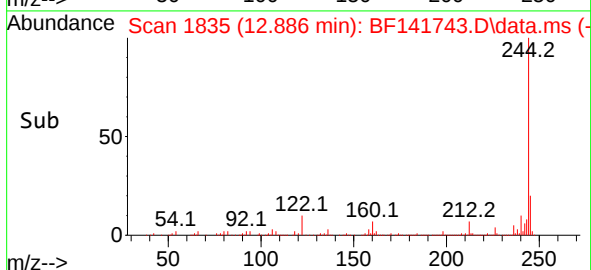
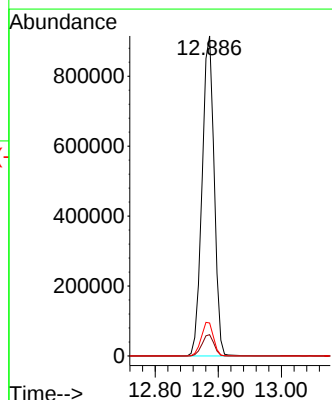
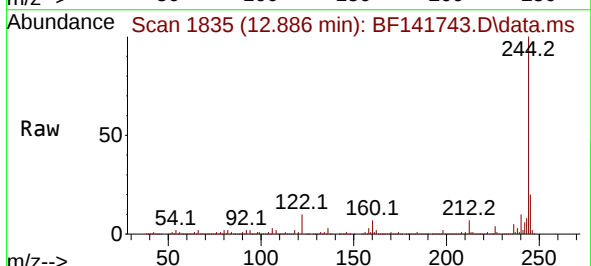
Tgt Ion:244 Resp: 1220342

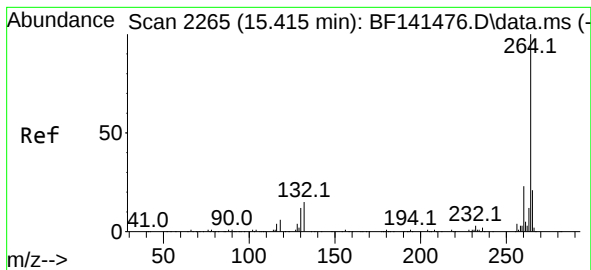
Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.3 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BF141743.D
 Acq: 24 Feb 2025 14:40

Instrument :
 BNA_F
 ClientSampleId :
 TP7

Tgt Ion:264 Resp: 213887
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.1 17.0 25.4

