

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
 Data File : BF141742.D
 Acq On : 24 Feb 2025 14:10
 Operator : RC/JU
 Sample : Q1397-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE

Quant Time: Feb 24 14:33:19 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)

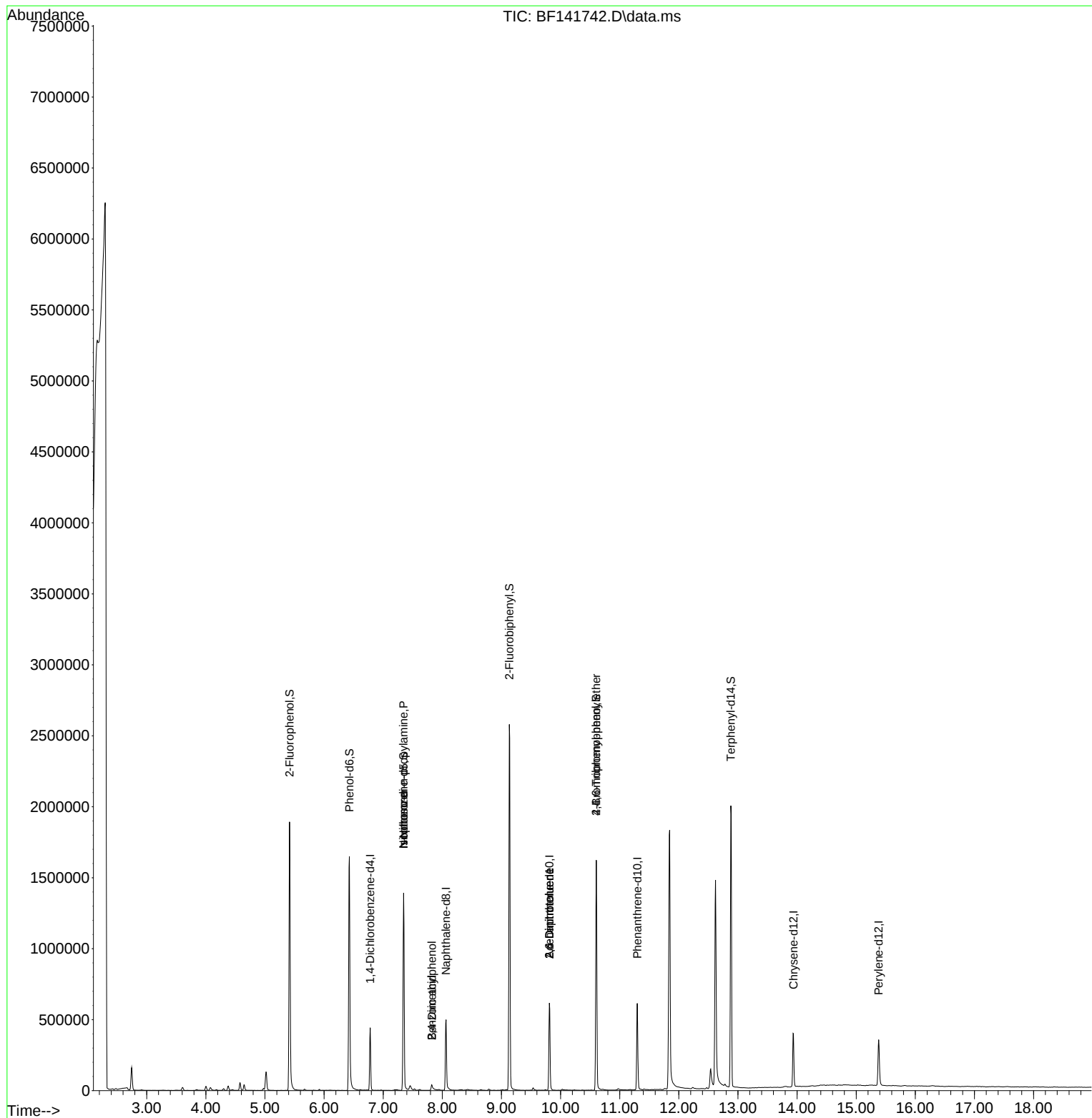
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	92197	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	356919	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	193848	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	322685	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	200988	20.000	ng	-0.02
86) Perylene-d12	15.380	264	209866	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	739111	125.680	ng	0.00
7) Phenol-d6	6.428	99	830329	111.709	ng	-0.01
23) Nitrobenzene-d5	7.345	82	651144	95.155	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	271583	139.467	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	1196165	95.067	ng	-0.02
79) Terphenyl-d14	12.880	244	1023893	86.001	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	87565	19.695	ng	# 72
25) Isophorone	7.345	82	638772	58.544	ng	# 66
27) 2,4-Dimethylphenol	7.822	122	18010	4.644	ng	# 2
32) Benzoic acid	7.822	122	18010	4.471	ng	96
51) 2,6-Dinitrotoluene	9.810	165	24929	8.665	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	24929	6.509	ng	# 18
67) 4-Bromophenyl-phenylether	10.604	248	17900	4.963	ng	# 1

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

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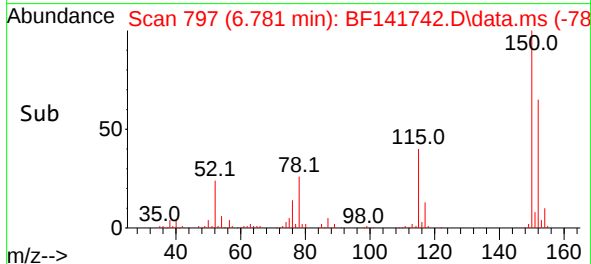
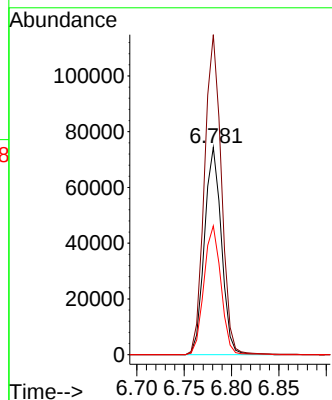
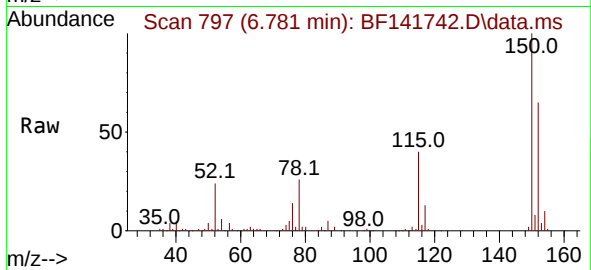




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141742.D
 Acq: 24 Feb 2025 14:10

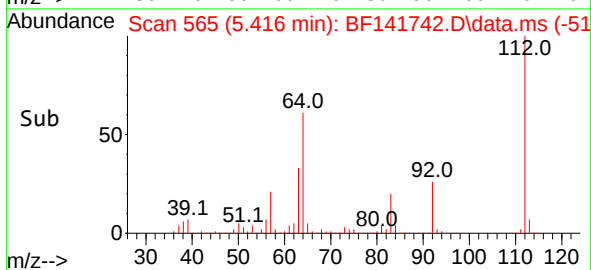
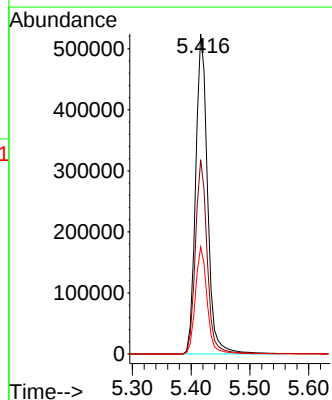
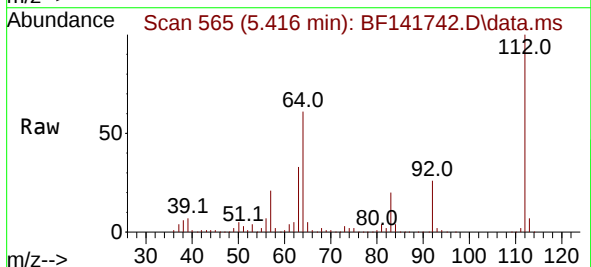
Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE

Tgt Ion:152 Resp: 92197
 Ion Ratio Lower Upper
 152 100
 150 154.3 125.0 187.4
 115 62.1 53.6 80.4



#5
 2-Fluorophenol
 Concen: 125.680 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141742.D
 Acq: 24 Feb 2025 14:10

Tgt Ion:112 Resp: 739111
 Ion Ratio Lower Upper
 112 100
 64 60.7 51.1 76.7
 63 33.5 28.4 42.6

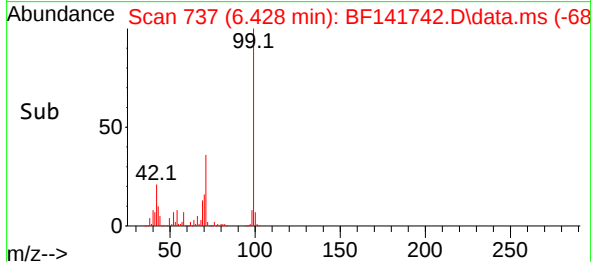
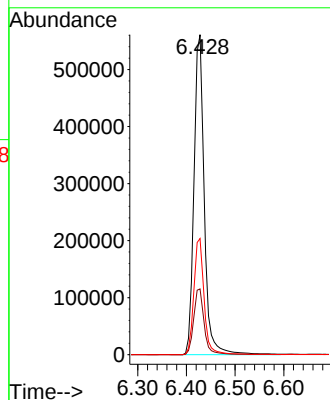
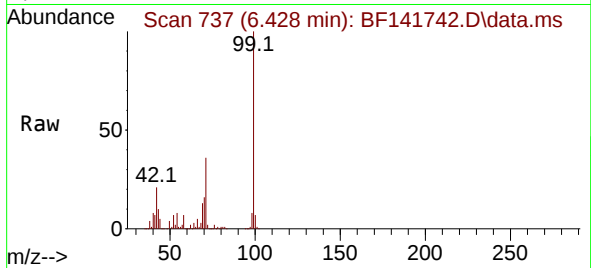




#7
Phenol-d6
Concen: 111.709 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141742.D
Acq: 24 Feb 2025 14:10

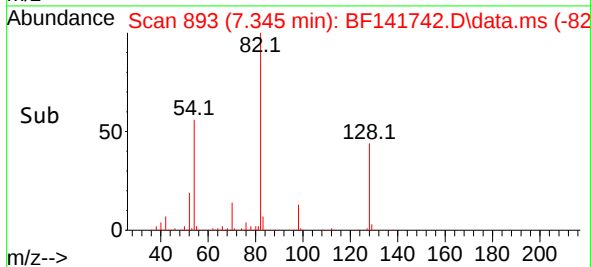
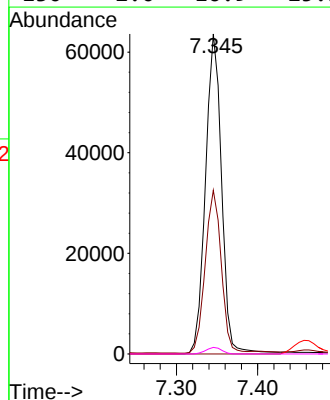
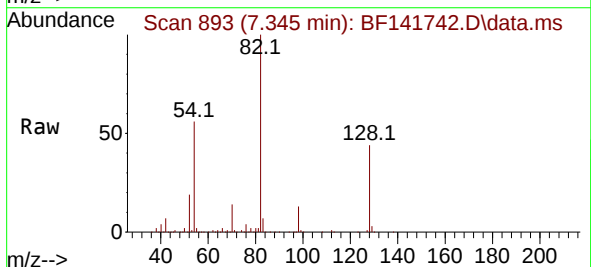
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Tgt Ion: 99 Resp: 830329
Ion Ratio Lower Upper
99 100
42 20.5 19.1 28.7
71 36.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.695 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF141742.D
Acq: 24 Feb 2025 14:10

Tgt Ion: 70 Resp: 87565
Ion Ratio Lower Upper
70 100
42 51.1 57.4 86.2#
101 0.0 8.0 12.0#
130 2.0 16.9 25.3#

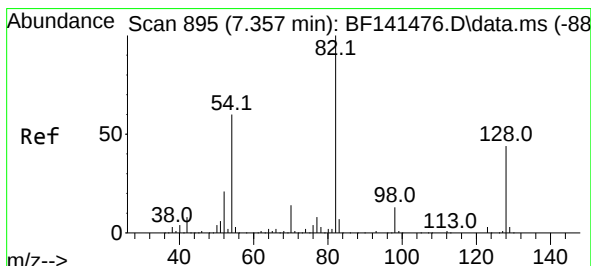
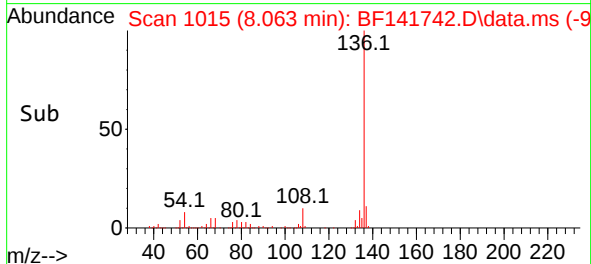
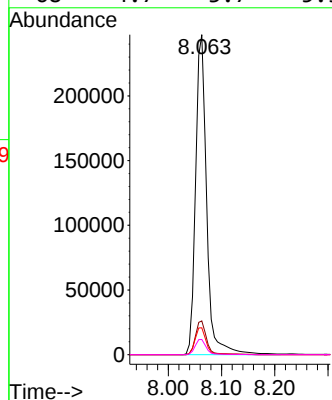
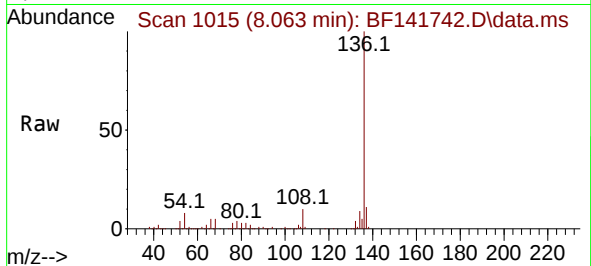




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141742.D
Acq: 24 Feb 2025 14:10

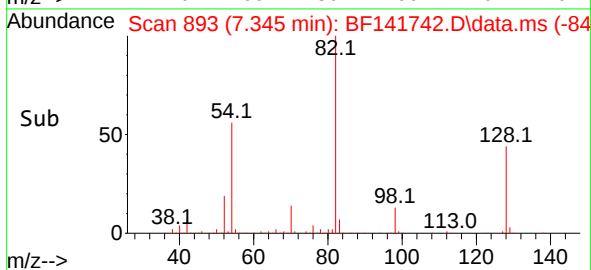
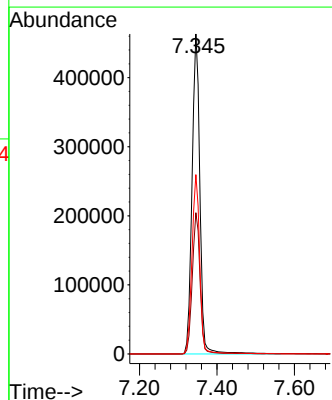
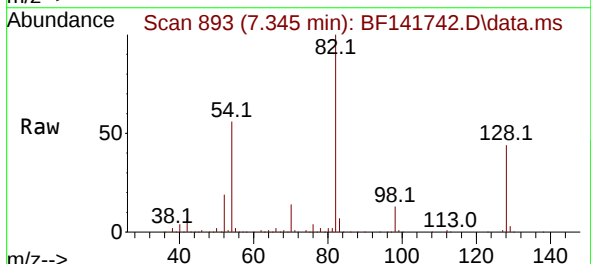
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Tgt Ion:	136	Resp:	356919
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.4	7.2	10.8
68	4.7	3.7	5.5



#23
Nitrobenzene-d5
Concen: 95.155 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF141742.D
Acq: 24 Feb 2025 14:10

Tgt Ion:	82	Resp:	651144
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.8	52.2
54	56.1	48.2	72.4

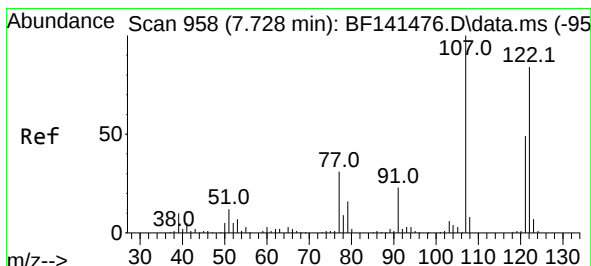
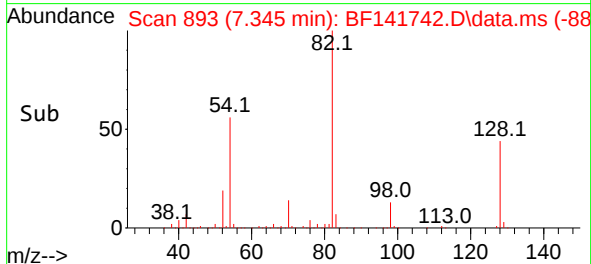
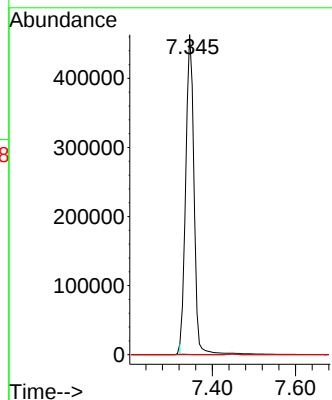
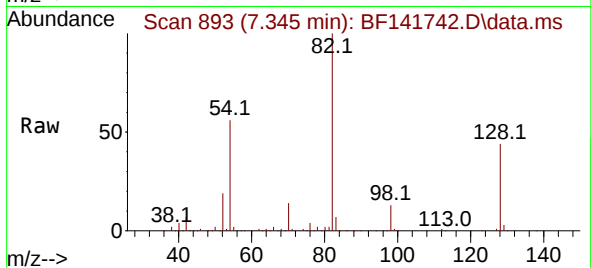




#25
Isophorone
Concen: 58.544 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.276 min
Lab File: BF141742.D
Acq: 24 Feb 2025 14:10

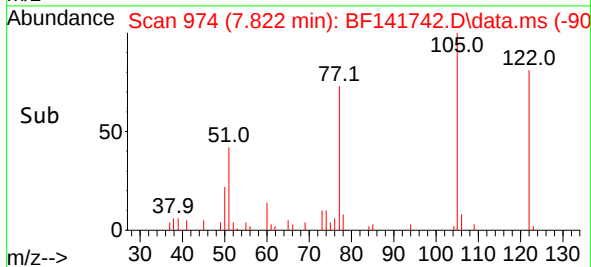
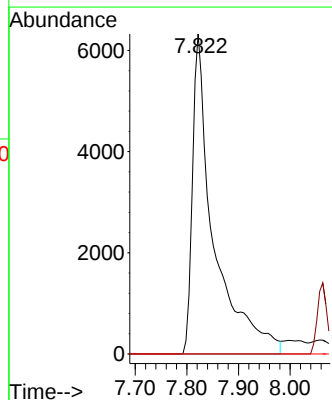
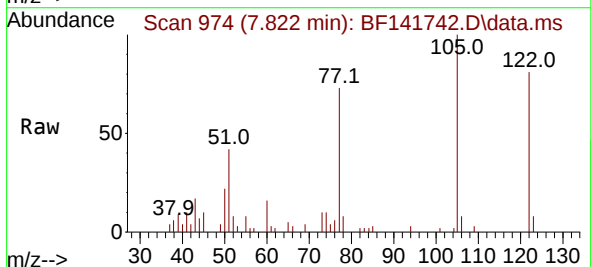
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

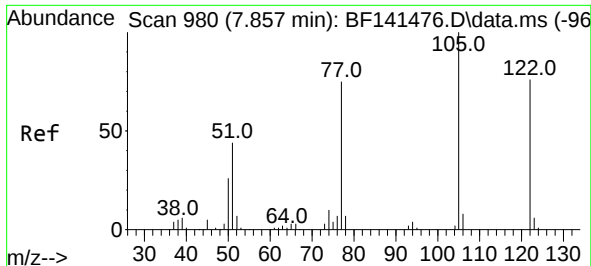
Tgt Ion: 82 Resp: 638772
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.1 13.9 20.9#



#27
2,4-Dimethylphenol
Concen: 4.644 ng
RT: 7.822 min Scan# 974
Delta R.T. 0.088 min
Lab File: BF141742.D
Acq: 24 Feb 2025 14:10

Tgt Ion: 122 Resp: 18010
Ion Ratio Lower Upper
122 100
107 0.0 94.3 141.5#
121 0.0 46.0 69.0#

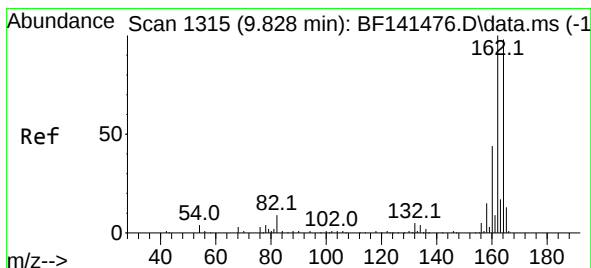
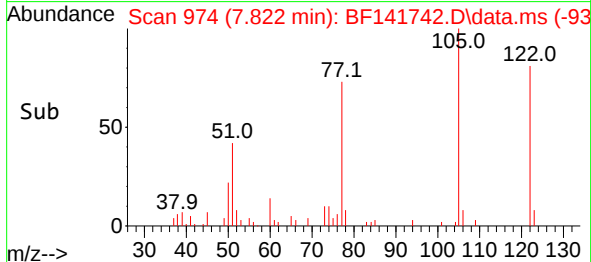
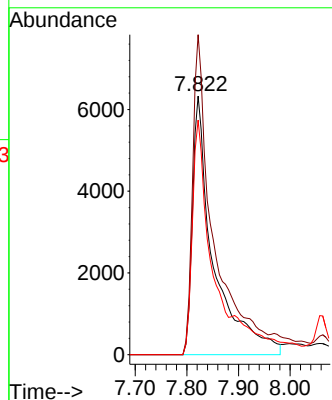
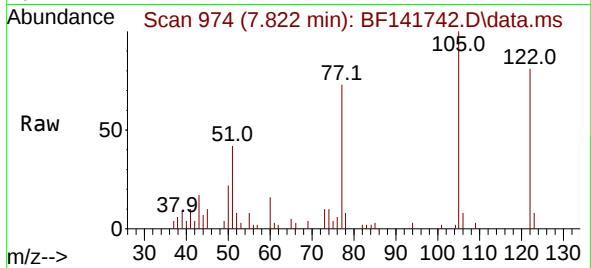




#32
Benzoic acid
Concen: 4.471 ng
RT: 7.822 min Scan# 91
Delta R.T. -0.070 min
Lab File: BF141742.D
Acq: 24 Feb 2025 14:10

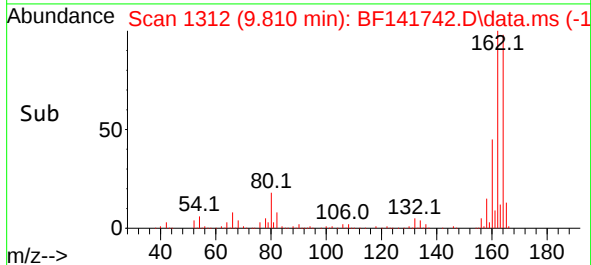
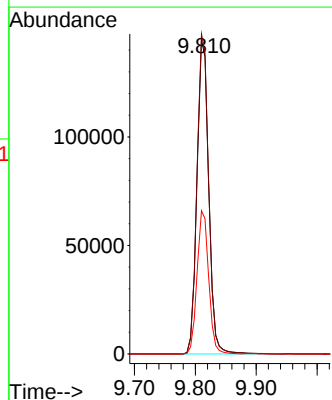
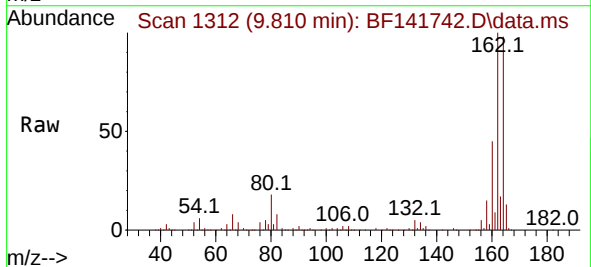
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

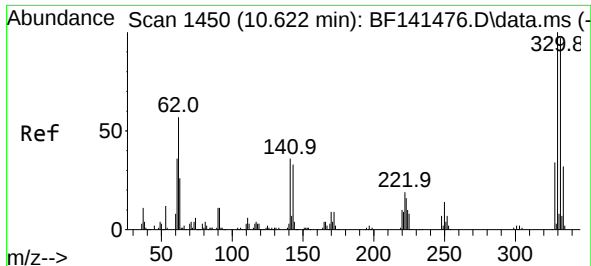
Tgt Ion:122 Resp: 18010
Ion Ratio Lower Upper
122 100
105 123.8 106.5 146.5
77 90.8 76.3 116.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.023 min
Lab File: BF141742.D
Acq: 24 Feb 2025 14:10

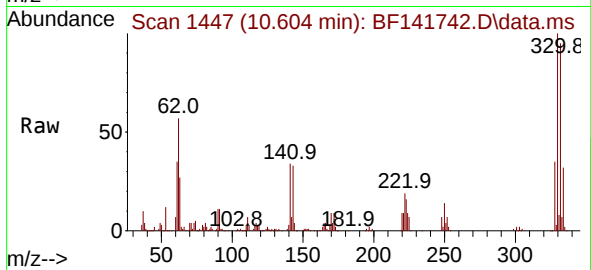
Tgt Ion:164 Resp: 193848
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 45.6 35.9 53.9



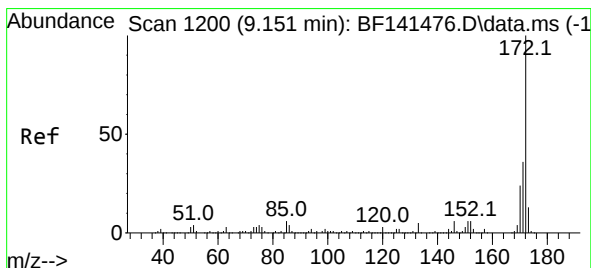
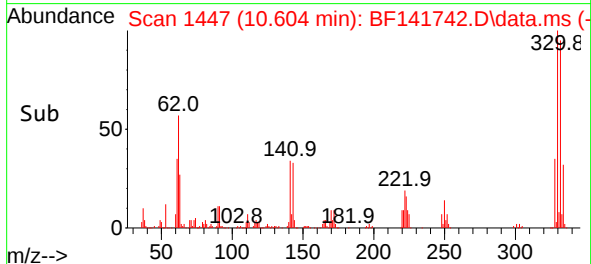
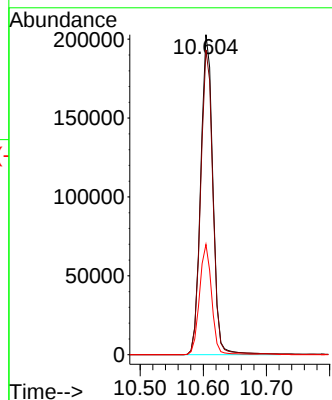


#42
2,4,6-Tribromophenol
Concen: 139.467 ng
RT: 10.604 min Scan# 1450
Delta R.T. -0.023 min
Lab File: BF141742.D
Acq: 24 Feb 2025 14:10

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

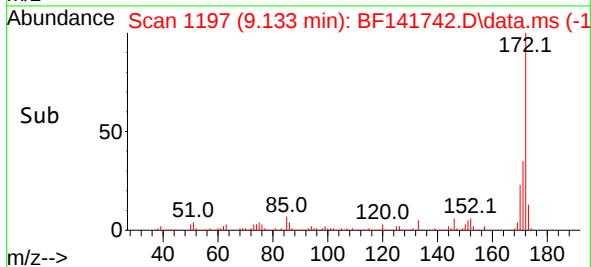
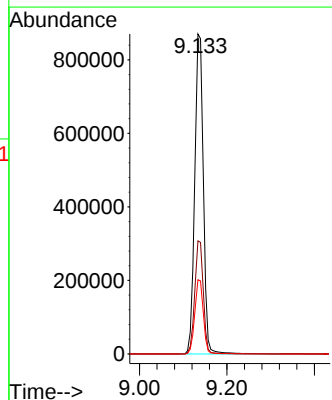
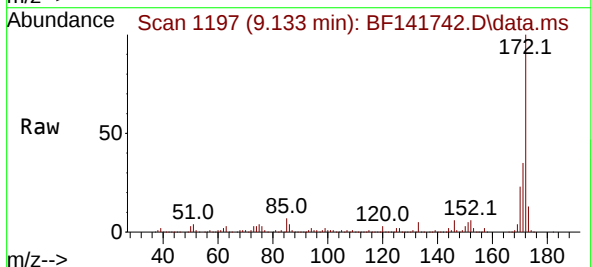


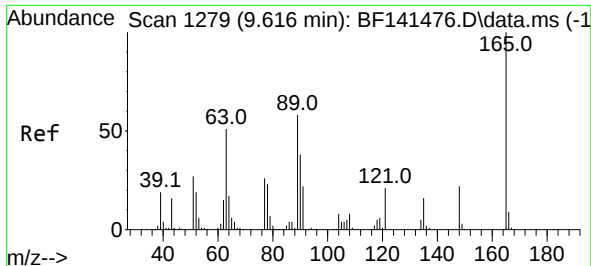
Tgt Ion:330 Resp: 271583
Ion Ratio Lower Upper
330 100
332 96.1 78.5 117.7
141 34.1 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 95.067 ng
RT: 9.133 min Scan# 1197
Delta R.T. -0.018 min
Lab File: BF141742.D
Acq: 24 Feb 2025 14:10

Tgt Ion:172 Resp: 1196165
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.2 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.665 ng

RT: 9.810 min Scan# 1

Delta R.T. 0.188 min

Lab File: BF141742.D

Acq: 24 Feb 2025 14:10

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE

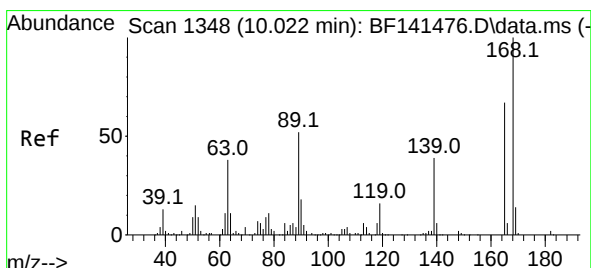
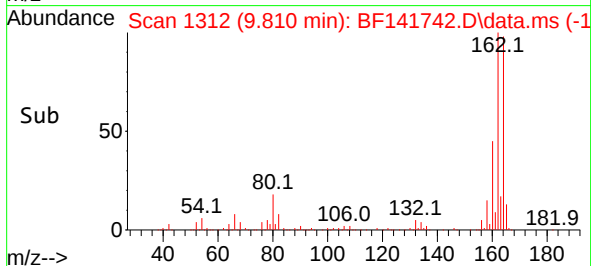
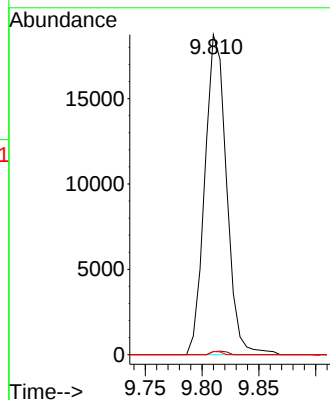
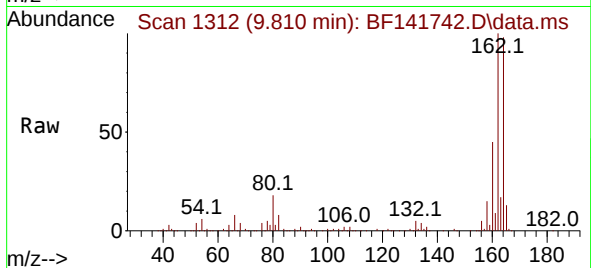
Tgt Ion:165 Resp: 24929

Ion Ratio Lower Upper

165 100

63 1.0 49.4 74.0#

89 1.0 46.5 69.7#



#57

2,4-Dinitrotoluene

Concen: 6.509 ng

RT: 9.810 min Scan# 1312

Delta R.T. -0.217 min

Lab File: BF141742.D

Acq: 24 Feb 2025 14:10

Tgt Ion:165 Resp: 24929

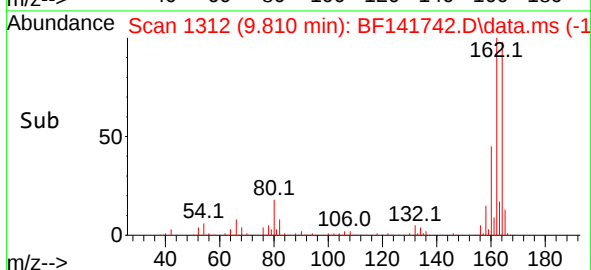
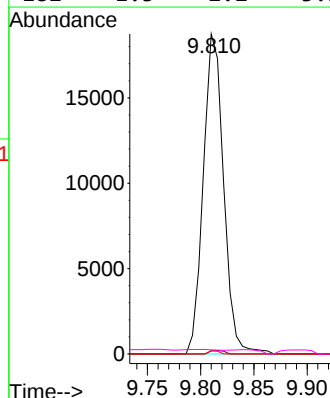
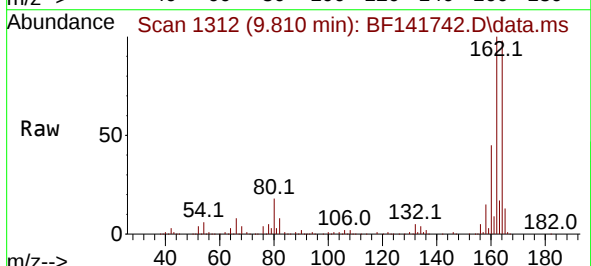
Ion Ratio Lower Upper

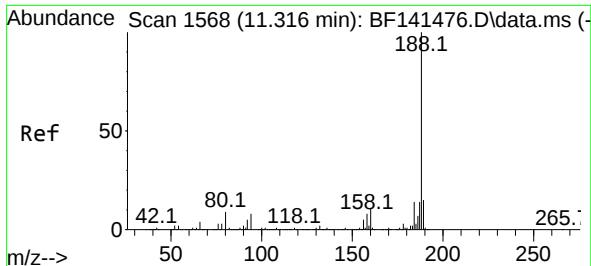
165 100

63 1.0 46.4 69.6#

89 1.0 61.8 92.6#

182 1.3 2.2 3.2#

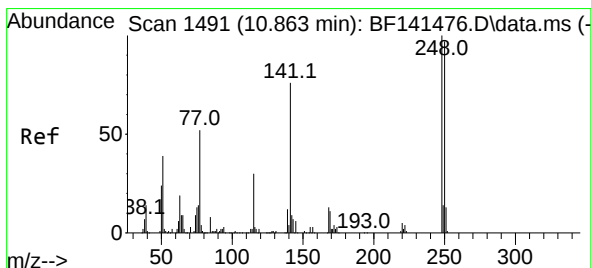
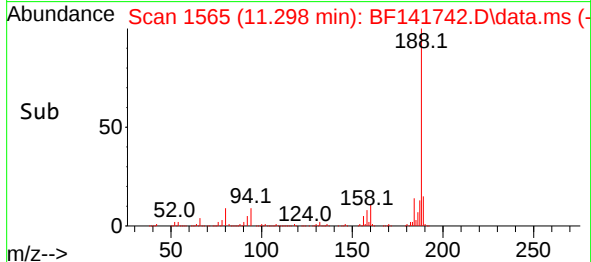
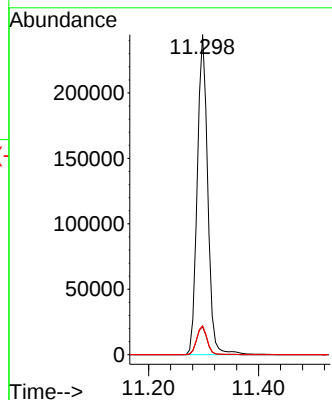
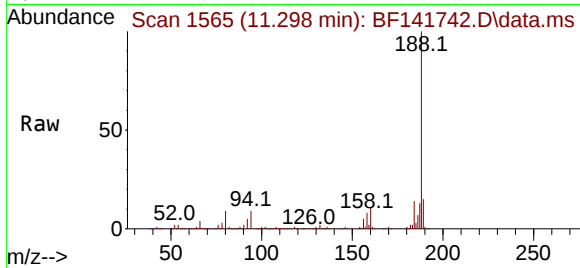




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141742.D
Acq: 24 Feb 2025 14:10

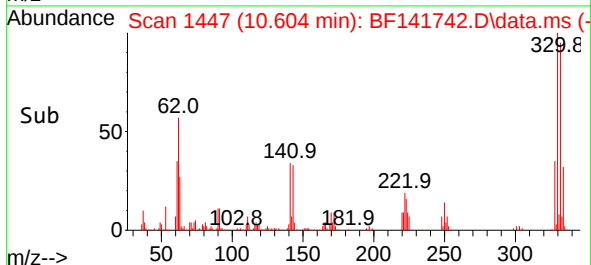
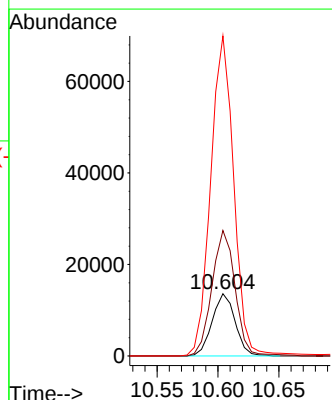
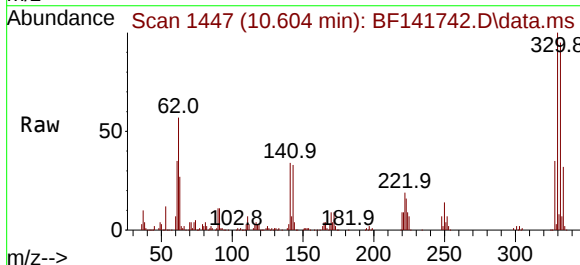
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

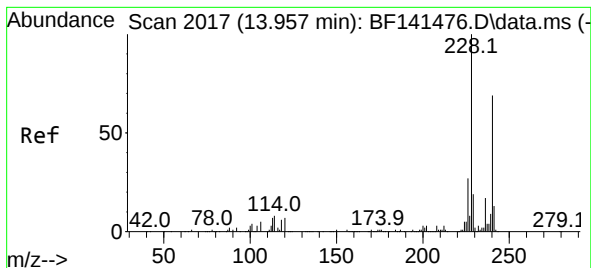
Tgt Ion:188 Resp: 322685
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.0 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 4.963 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.259 min
Lab File: BF141742.D
Acq: 24 Feb 2025 14:10

Tgt Ion:248 Resp: 17900
Ion Ratio Lower Upper
248 100
250 201.5 77.8 116.6#
141 513.9 60.6 90.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.023 min

Lab File: BF141742.D

Acq: 24 Feb 2025 14:10

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE

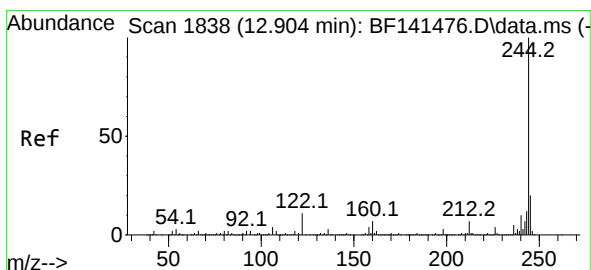
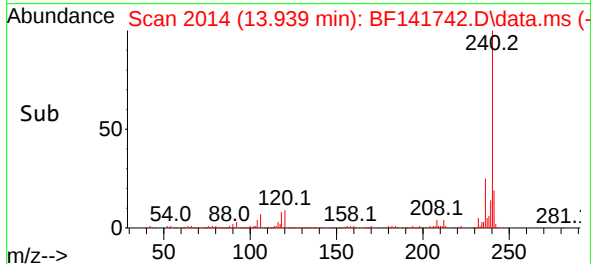
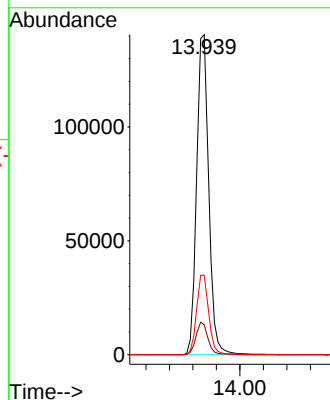
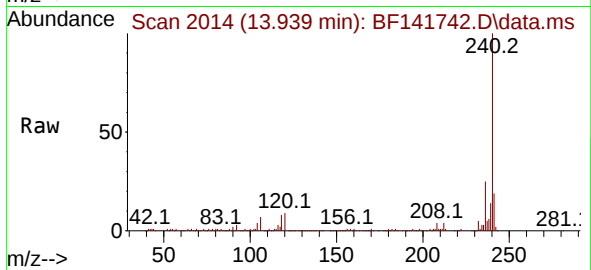
Tgt Ion:240 Resp: 200988

Ion Ratio Lower Upper

240 100

120 9.4 8.0 12.0

236 24.9 19.8 29.8



#79

Terphenyl-d14

Concen: 86.001 ng

RT: 12.880 min Scan# 1834

Delta R.T. -0.023 min

Lab File: BF141742.D

Acq: 24 Feb 2025 14:10

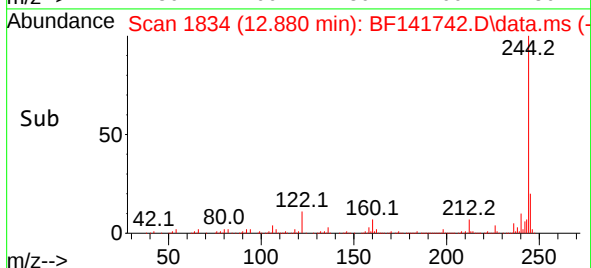
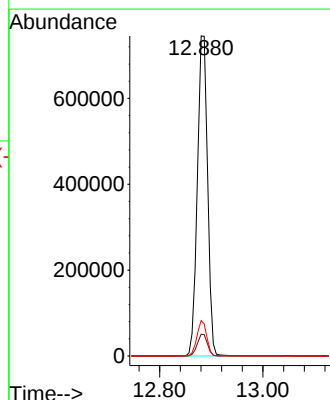
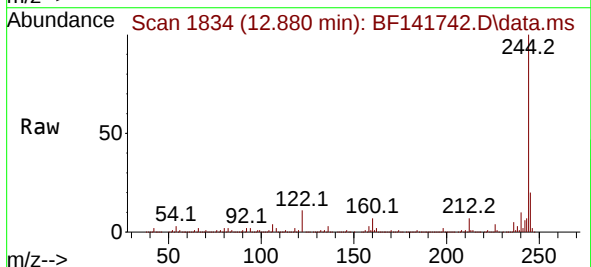
Tgt Ion:244 Resp: 1023893

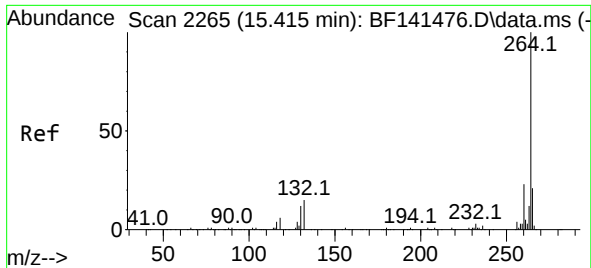
Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 11.1 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: BF141742.D
 Acq: 24 Feb 2025 14:10

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE

Tgt Ion:264 Resp: 209866
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 21.1 17.0 25.4

