

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
 Data File : BF142189.D
 Acq On : 31 Mar 2025 19:26
 Operator : RC/JU
 Sample : Q1664-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BBDGA-005-01

Quant Time: Apr 01 00:46:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

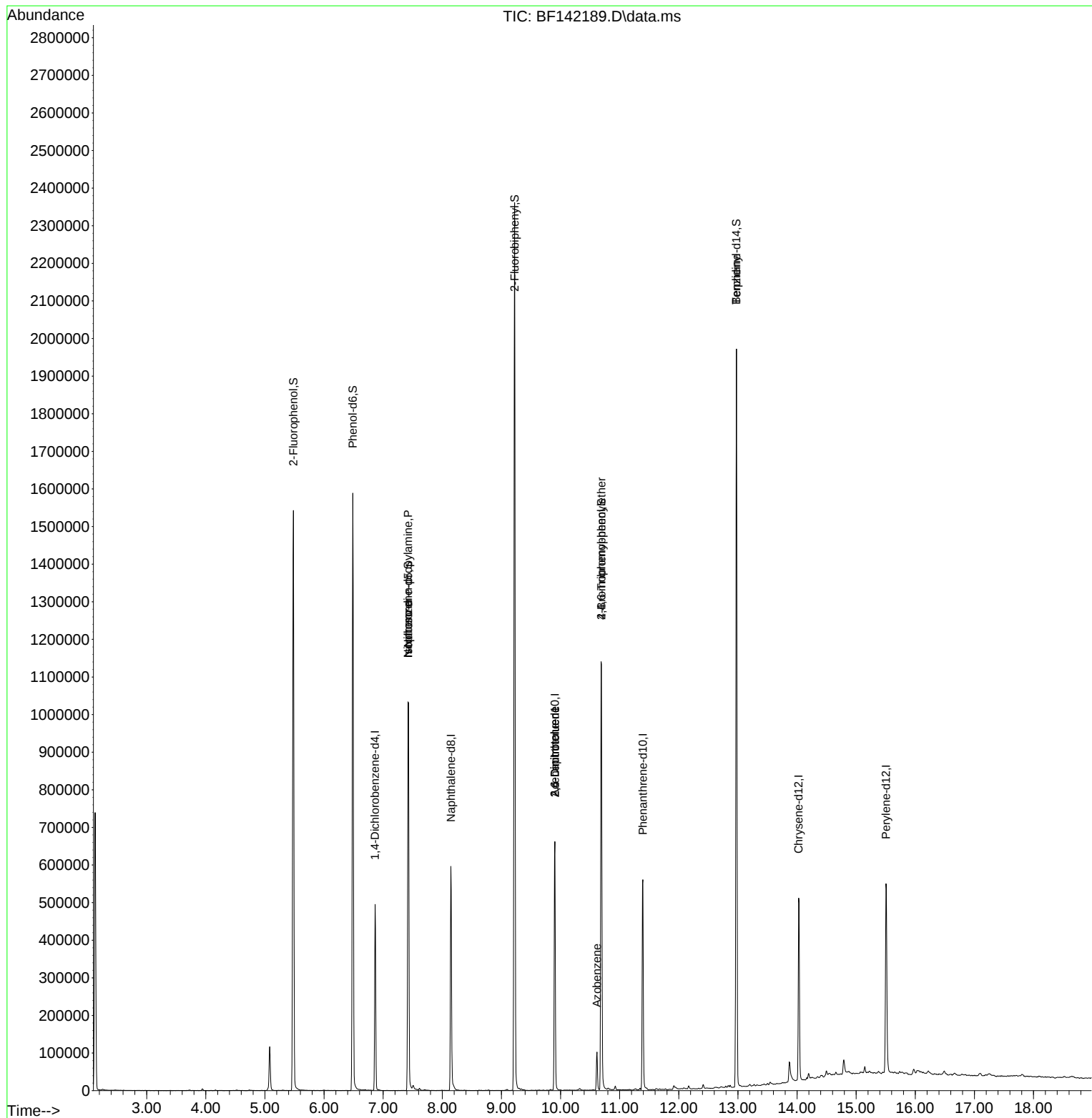
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	106775	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	409581	20.000	ng	-0.02
39) Acenaphthene-d10	9.904	164	207976	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	318383	20.000	ng	-0.01
76) Chrysene-d12	14.027	240	257304	20.000	ng	-0.01
86) Perylene-d12	15.504	264	316531	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	611366	95.560	ng	-0.01
7) Phenol-d6	6.487	99	769812	94.506	ng	-0.02
23) Nitrobenzene-d5	7.422	82	491903	67.587	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	226667	85.909	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	1039970	76.047	ng	-0.02
79) Terphenyl-d14	12.975	244	961311	55.236	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	66838	12.770	ng	# 77
25) Isophorone	7.422	82	479130	37.242	ng	# 64
51) 2,6-Dinitrotoluene	9.904	165	27001	8.904	ng	# 23
57) 2,4-Dinitrotoluene	9.904	165	27001	6.817	ng	# 24
63) Azobenzene	10.616	77	27193	2.014	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	14297	3.576	ng	# 1
77) Benzidine	12.975	184	12157	3.386	ng	# 92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
Data File : BF142189.D
Acq On : 31 Mar 2025 19:26
Operator : RC/JU
Sample : Q1664-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-005-01

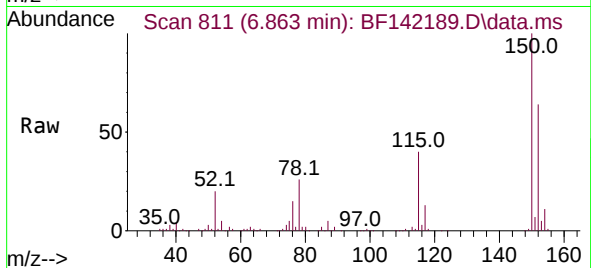
Quant Time: Apr 01 00:46:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
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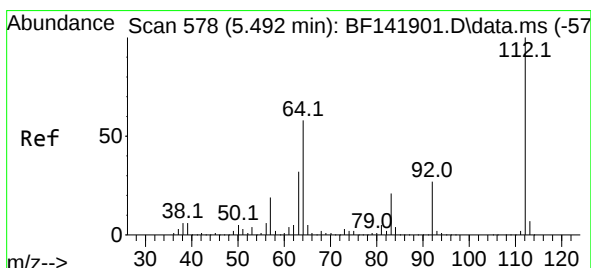
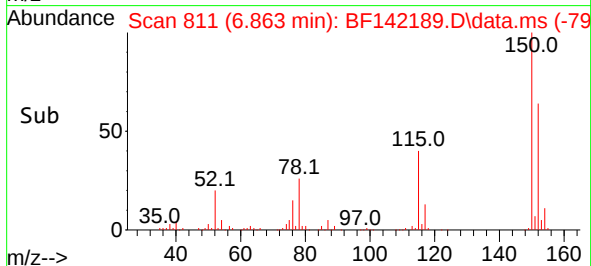
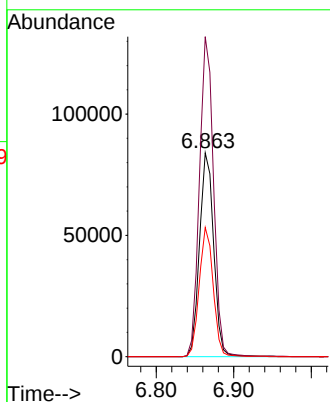


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 814
Delta R.T. -0.018 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-005-01

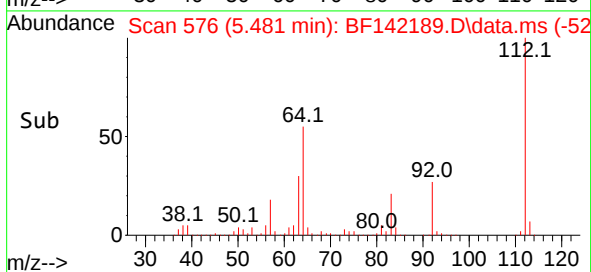
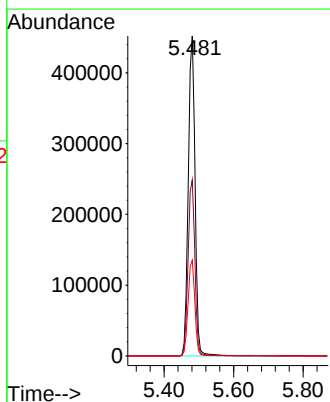
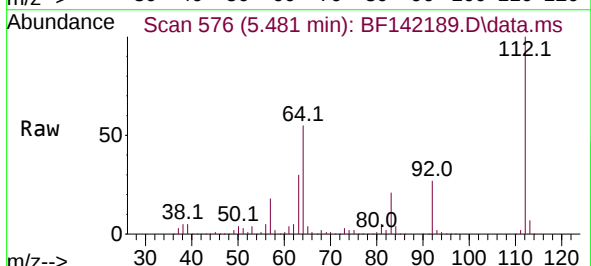


Tgt Ion:152 Resp: 106775
Ion Ratio Lower Upper
152 100
150 157.0 127.4 191.2
115 63.3 51.9 77.9



#5
2-Fluorophenol
Concen: 95.560 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

Tgt Ion:112 Resp: 611366
Ion Ratio Lower Upper
112 100
64 55.0 46.5 69.7
63 29.9 25.4 38.2

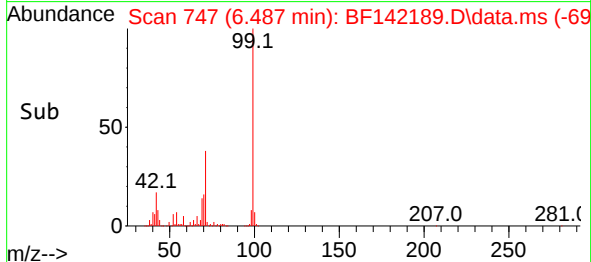
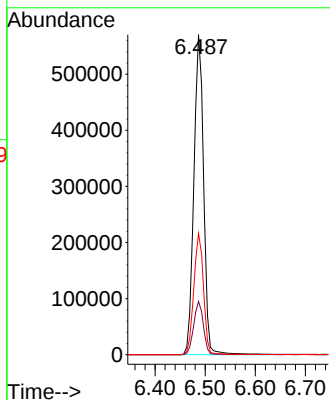
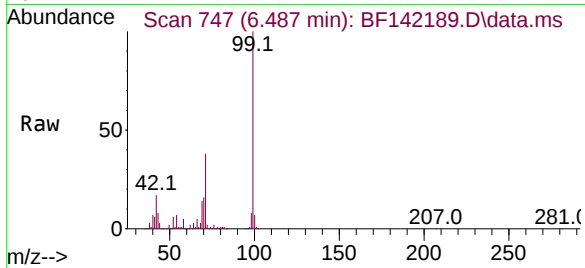




#7
Phenol-d6
Concen: 94.506 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.017 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

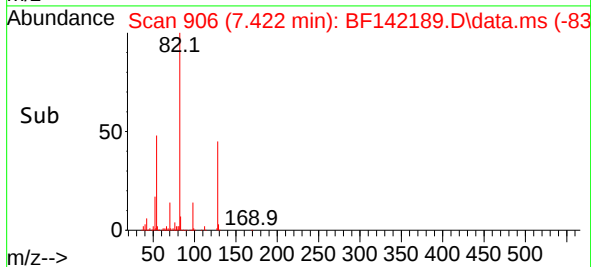
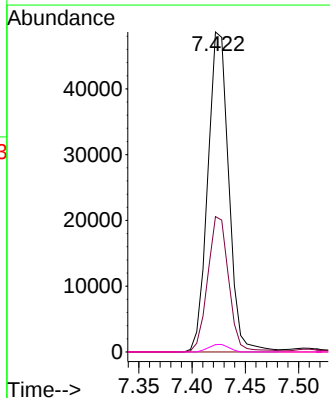
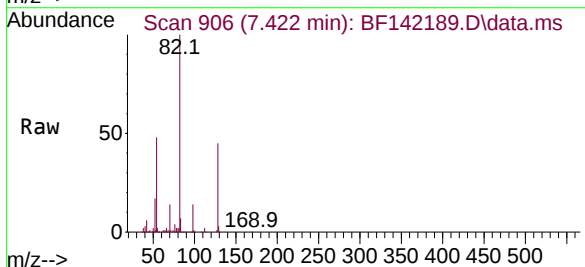
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-005-01

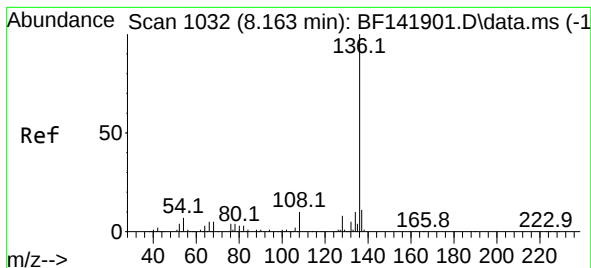
Tgt Ion: 99 Resp: 769812
Ion Ratio Lower Upper
99 100
42 16.6 14.6 21.8
71 37.9 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.770 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.124 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

Tgt Ion: 70 Resp: 66838
Ion Ratio Lower Upper
70 100
42 42.3 41.4 62.0
101 0.0 8.2 12.2#
130 2.3 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF142189.D

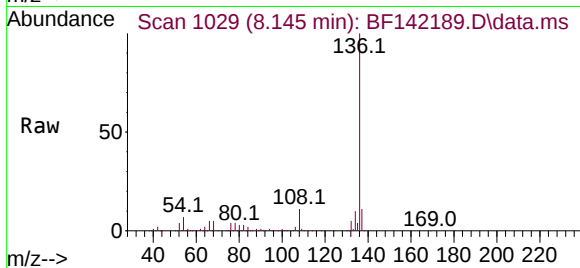
Acq: 31 Mar 2025 19:26

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-005-01



Tgt Ion:136 Resp: 409581

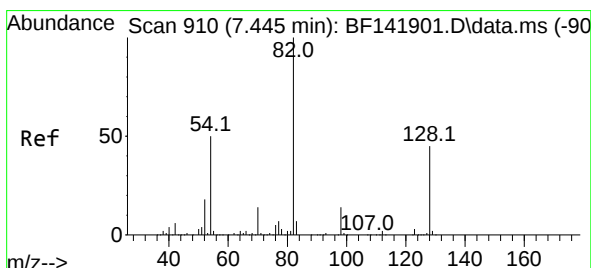
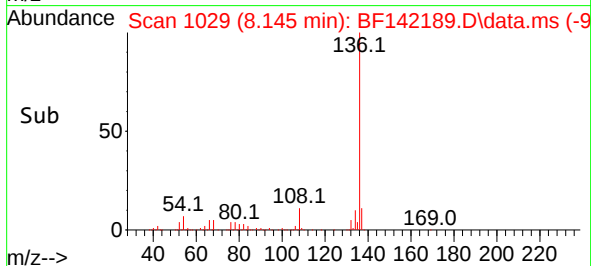
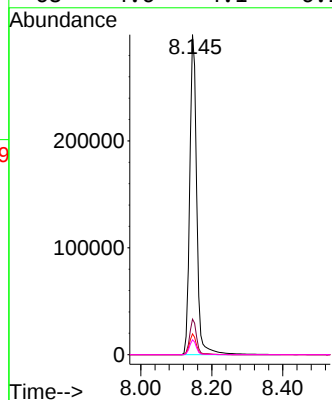
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 6.5 5.8 8.8

68 4.6 4.1 6.1



#23

Nitrobenzene-d5

Concen: 67.587 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.023 min

Lab File: BF142189.D

Acq: 31 Mar 2025 19:26

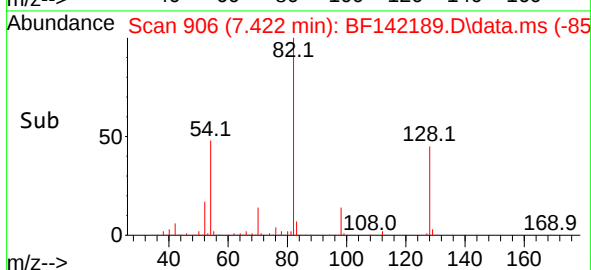
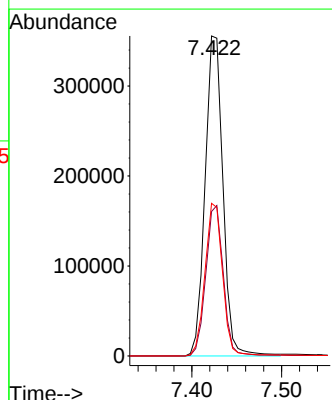
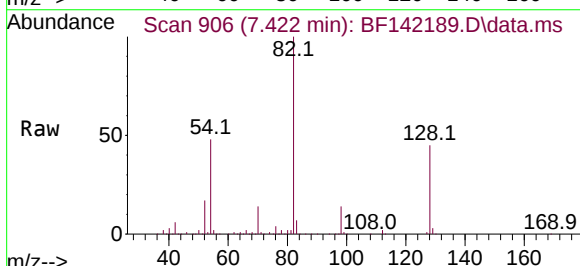
Tgt Ion: 82 Resp: 491903

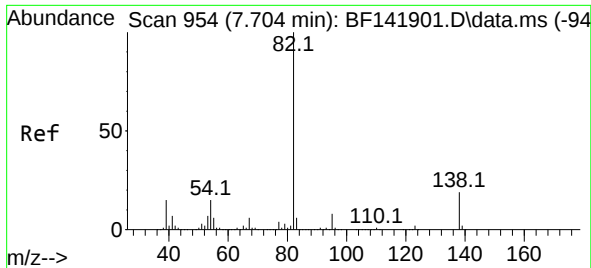
Ion Ratio Lower Upper

82 100

128 45.2 36.0 54.0

54 47.7 39.6 59.4

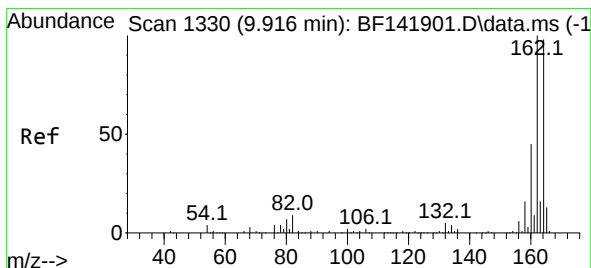
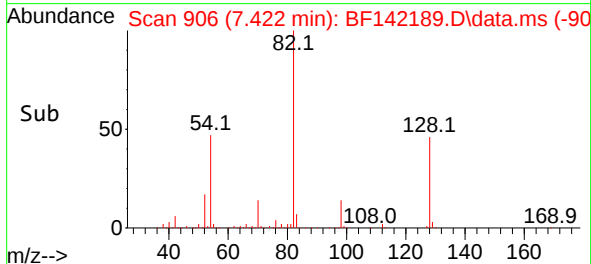
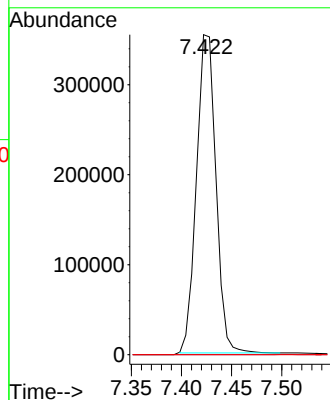
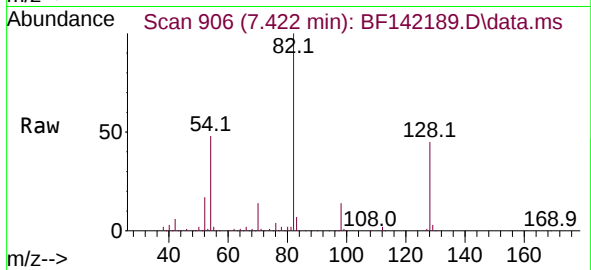




#25
Isophorone
Concen: 37.242 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.282 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

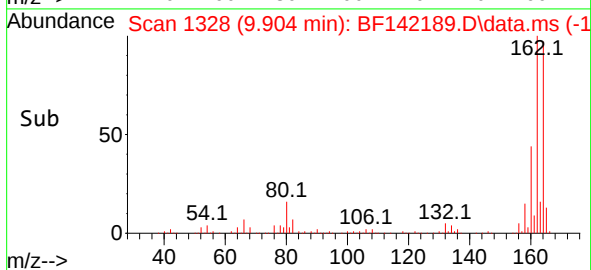
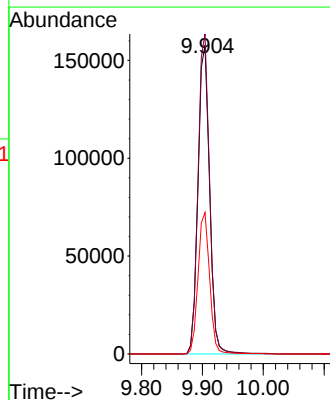
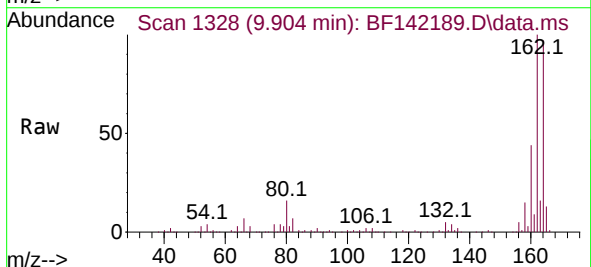
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ClientSampleId :
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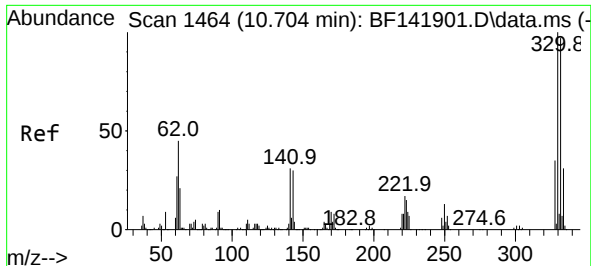
Tgt Ion: 82 Resp: 479130
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

Tgt Ion: 164 Resp: 207976
Ion Ratio Lower Upper
164 100
162 103.6 81.8 122.6
160 45.8 36.7 55.1

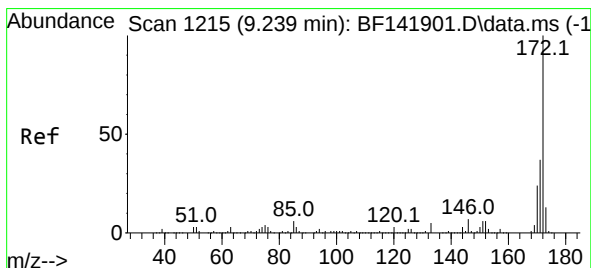
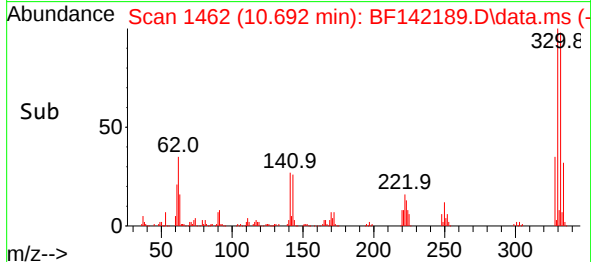
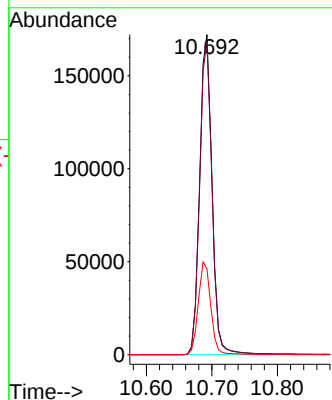
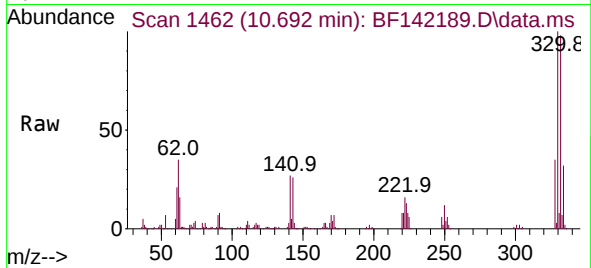




#42
2,4,6-Tribromophenol
Concen: 85.909 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

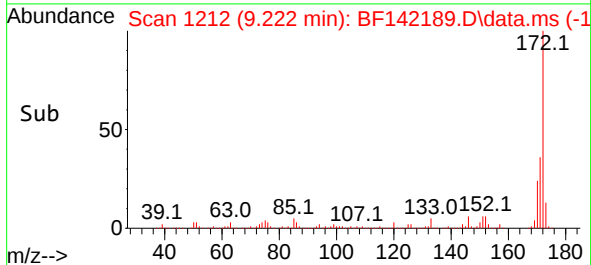
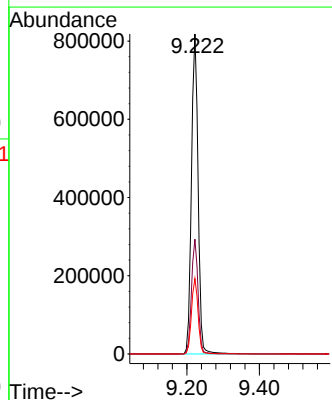
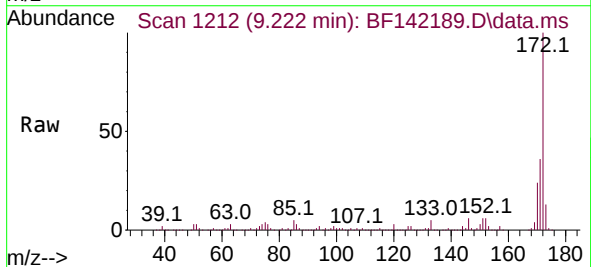
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-005-01

Tgt Ion:330 Resp: 226667
Ion Ratio Lower Upper
330 100
332 97.6 77.6 116.4
141 29.4 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 76.047 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.017 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

Tgt Ion:172 Resp: 1039970
Ion Ratio Lower Upper
172 100
171 35.8 29.3 43.9
170 23.6 19.4 29.0

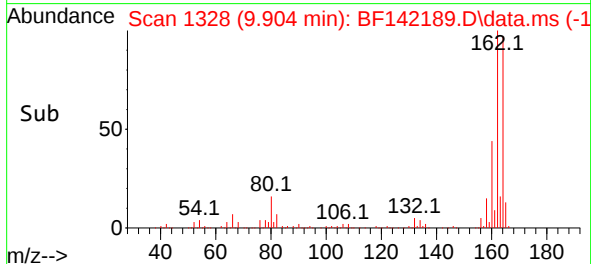
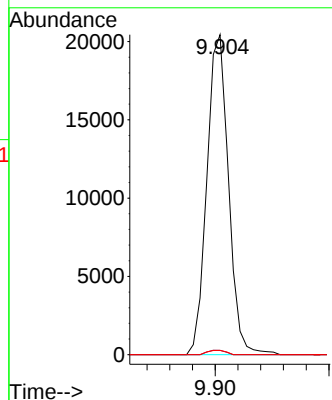
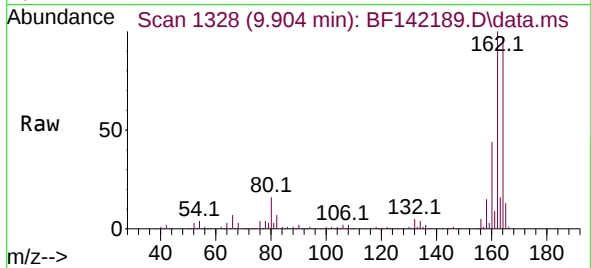




#51
2,6-Dinitrotoluene
Concen: 8.904 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

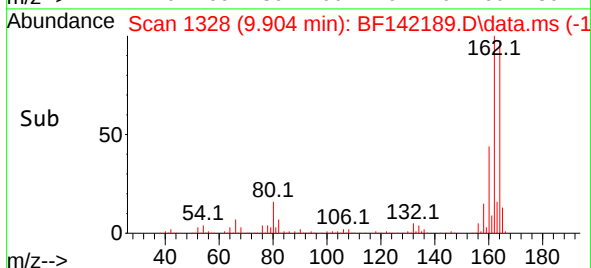
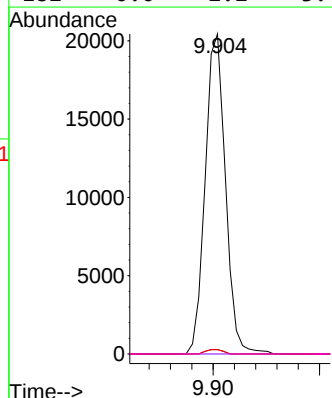
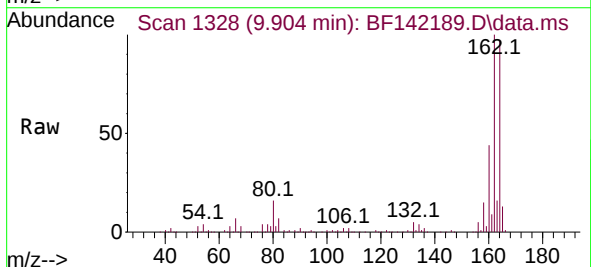
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BNA_F
ClientSampleId :
P001-BBDGA-005-01

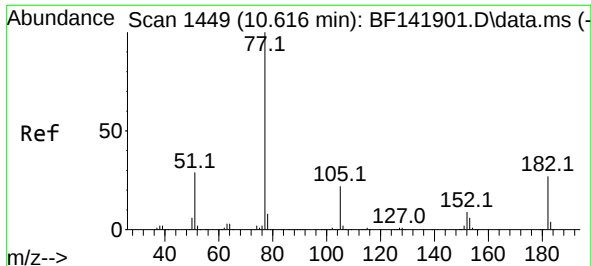
Tgt Ion:165 Resp: 27001
Ion Ratio Lower Upper
165 100
63 1.4 47.0 70.4#
89 1.3 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.817 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

Tgt Ion:165 Resp: 27001
Ion Ratio Lower Upper
165 100
63 1.4 35.4 53.2#
89 1.3 56.6 84.8#
182 0.0 2.2 3.4#

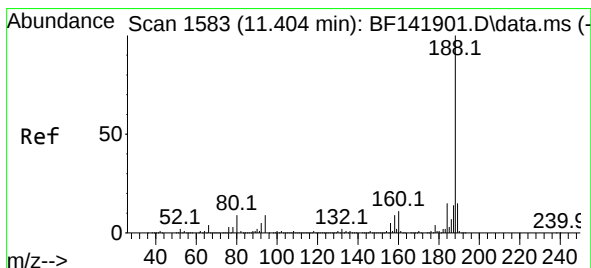
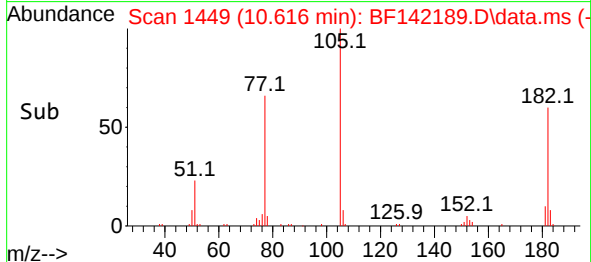
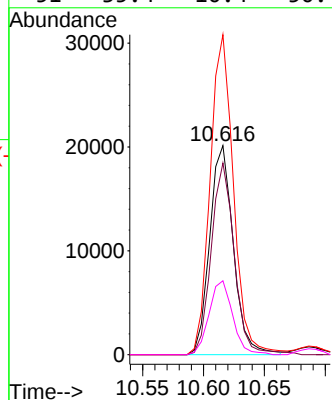
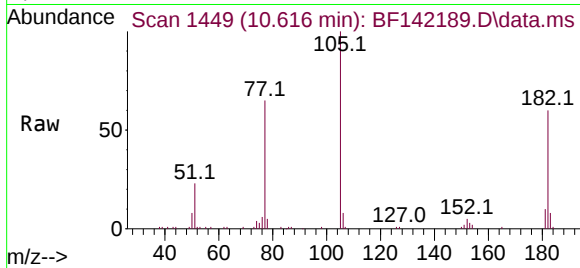




#63
Azobenzene
Concen: 2.014 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

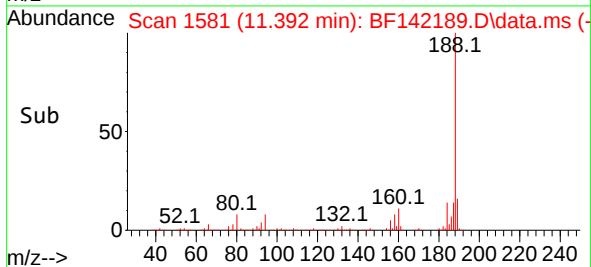
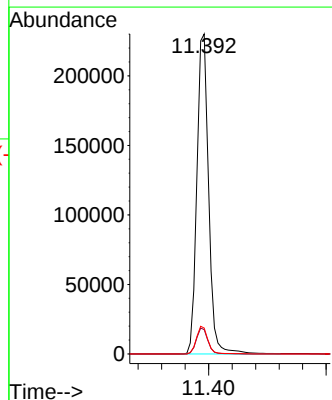
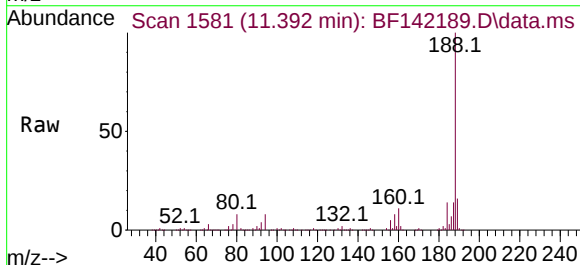
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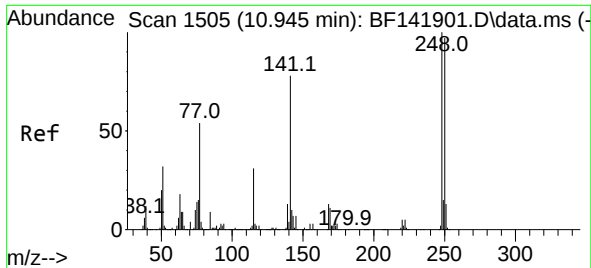
Tgt Ion: 77 Resp: 27193
Ion Ratio Lower Upper
77 100
182 91.7 6.6 46.6#
105 153.0 1.3 41.3#
51 35.4 10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

Tgt Ion:188 Resp: 318383
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 8.1 7.6 11.4

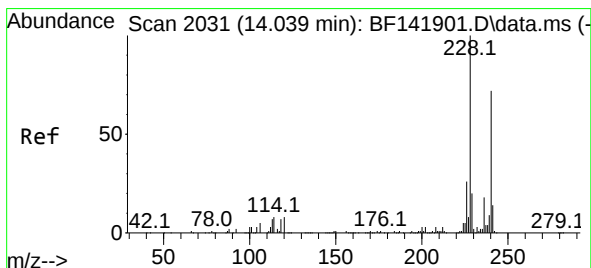
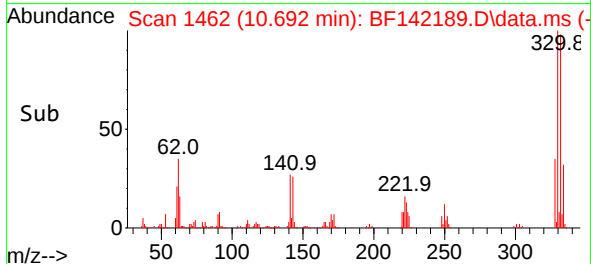
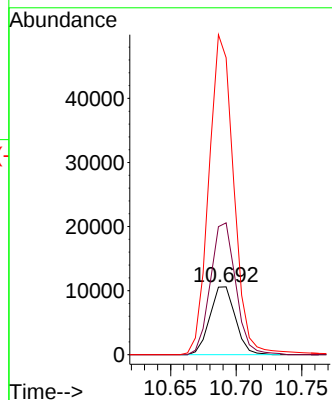
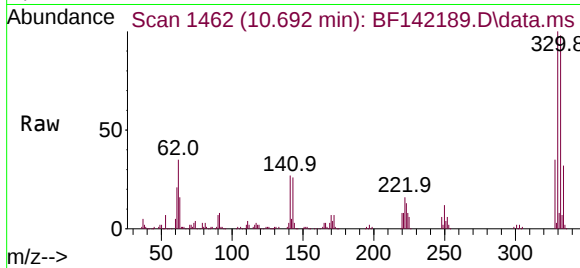




#67
4-Bromophenyl-phenylether
Concen: 3.576 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

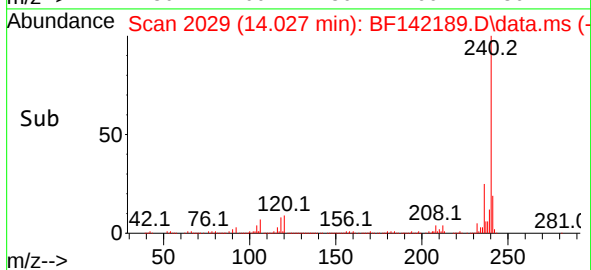
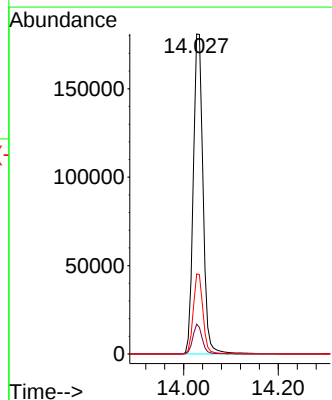
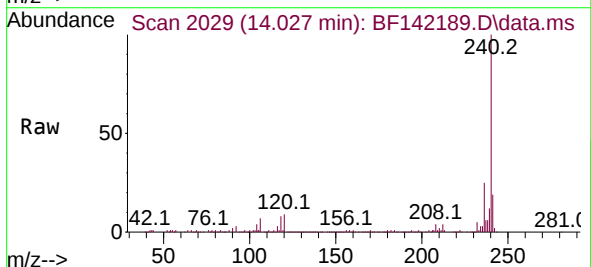
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BNA_F
ClientSampleId :
P001-BBDGA-005-01

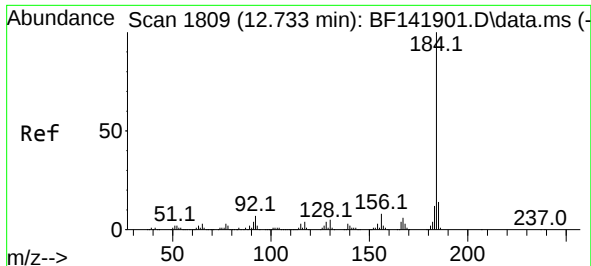
Tgt Ion:248 Resp: 14297
Ion Ratio Lower Upper
248 100
250 194.3 77.8 116.8#
141 437.6 62.6 93.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

Tgt Ion:240 Resp: 257304
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 25.0 20.5 30.7

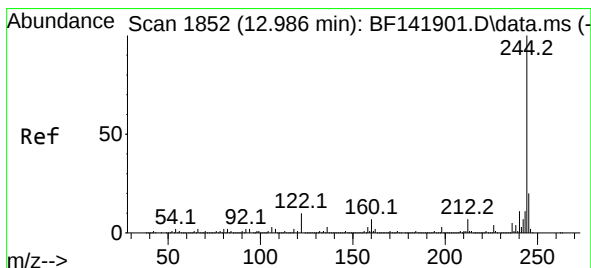
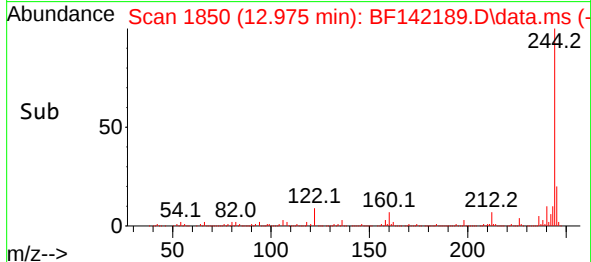
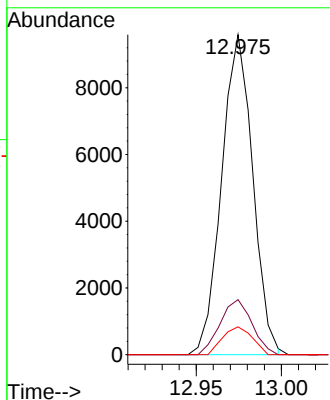
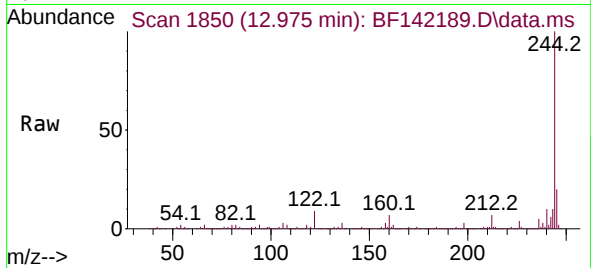




#77
Benzidine
Concen: 3.386 ng
RT: 12.975 min Scan# 1850
Delta R.T. 0.241 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

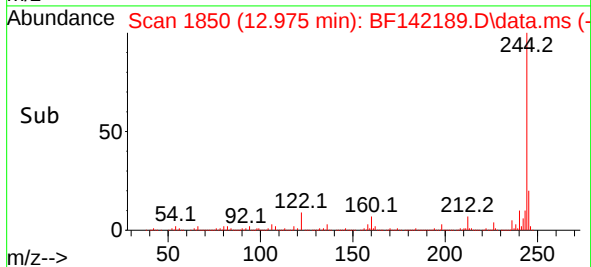
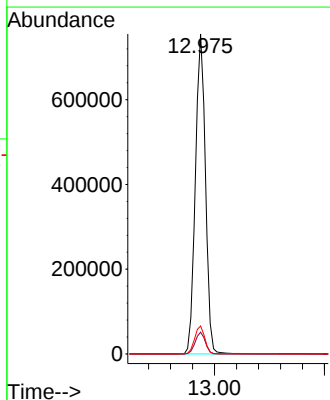
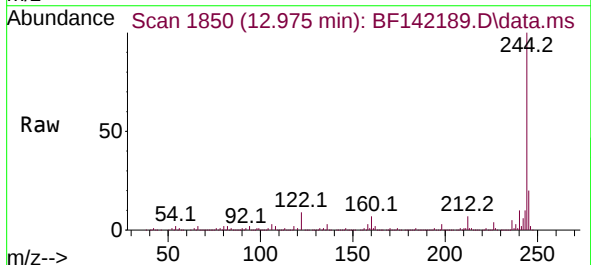
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-005-01

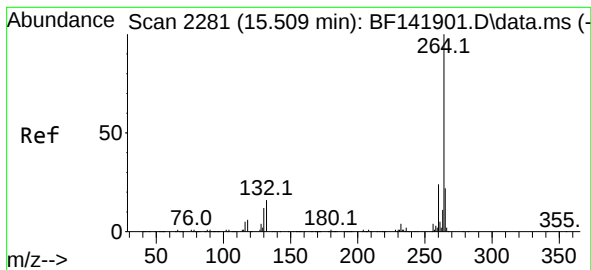
Tgt Ion:184 Resp: 12157
Ion Ratio Lower Upper
184 100
185 17.2 11.5 17.3
183 8.7 9.7 14.5#



#79
Terphenyl-d14
Concen: 55.236 ng
RT: 12.975 min Scan# 1850
Delta R.T. -0.012 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

Tgt Ion:244 Resp: 961311
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 8.7 7.7 11.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142189.D

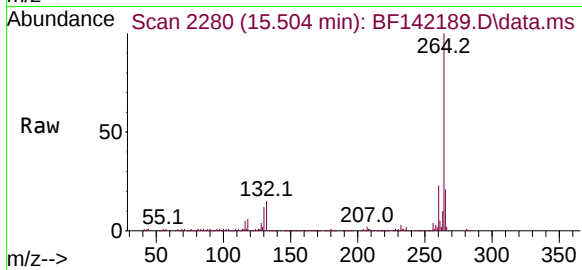
Acq: 31 Mar 2025 19:26

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-005-01



Tgt Ion:264 Resp: 316531

Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

265 21.4 17.5 26.3

