

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
 Data File : BF141537.D
 Acq On : 10 Feb 2025 16:23
 Operator : RC/JU
 Sample : Q1299-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Feb 10 16:40:51 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)

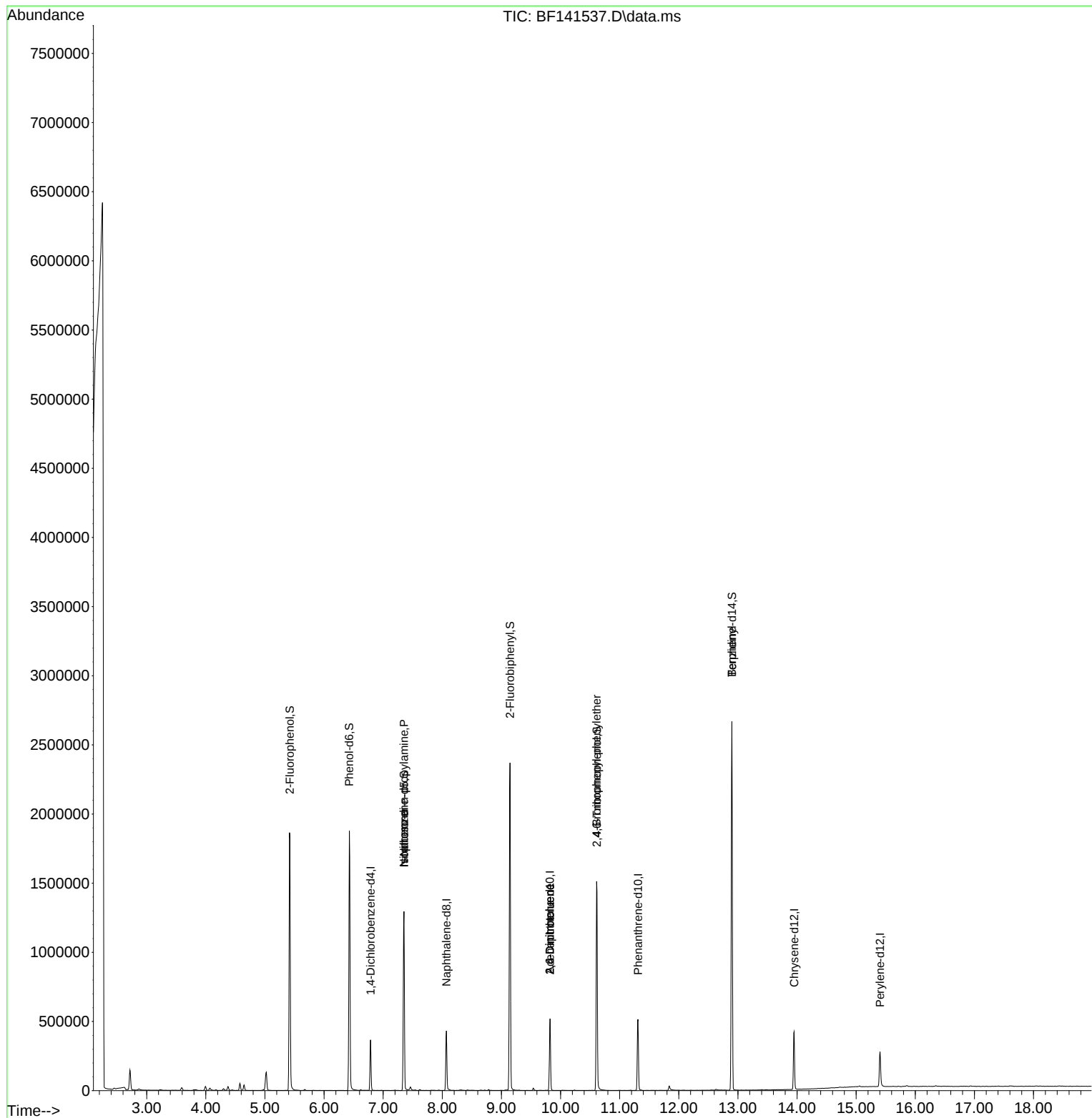
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	71095	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	284727	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	156372	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	278700	20.000	ng	0.00
76) Chrysene-d12	13.951	240	214003	20.000	ng	-0.01
86) Perylene-d12	15.404	264	152761	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	690996	152.374	ng	0.01
7) Phenol-d6	6.428	99	836898	146.012	ng	-0.01
23) Nitrobenzene-d5	7.351	82	566884	103.846	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	252329	160.634	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1082193	106.622	ng	0.00
79) Terphenyl-d14	12.898	244	1318059	103.976	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	79402	23.160	ng	# 75
25) Isophorone	7.351	82	550625	63.261	ng	# 66
51) 2,6-Dinitrotoluene	9.822	165	19472	8.391	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	19472	6.303	ng	# 19
67) 4-Bromophenyl-phenylether	10.610	248	17107	5.492	ng	# 1
77) Benzidine	12.898	184	18433	3.906	ng	# 95

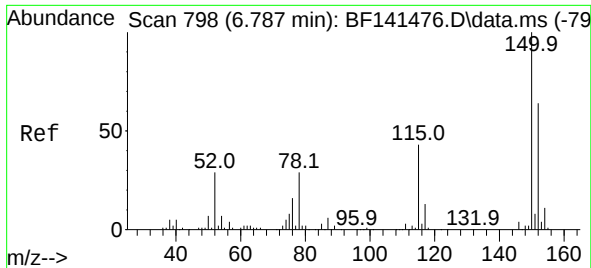
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
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Misc :
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Instrument :
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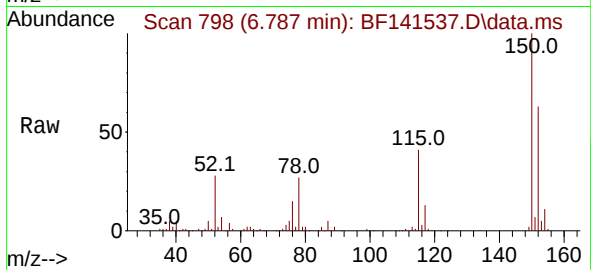
Quant Time: Feb 10 16:40:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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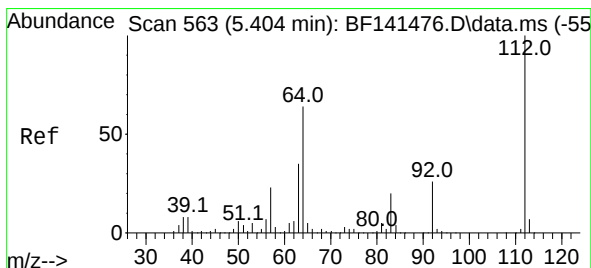
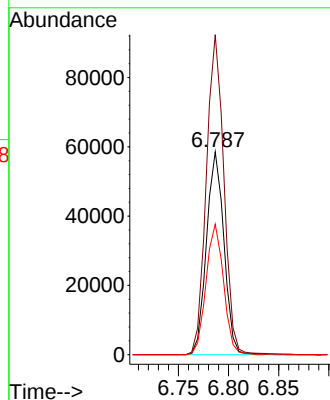
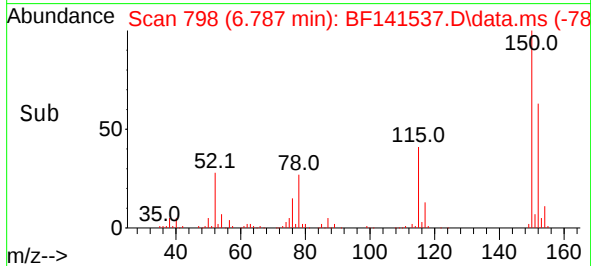


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141537.D
Acq: 10 Feb 2025 16:23

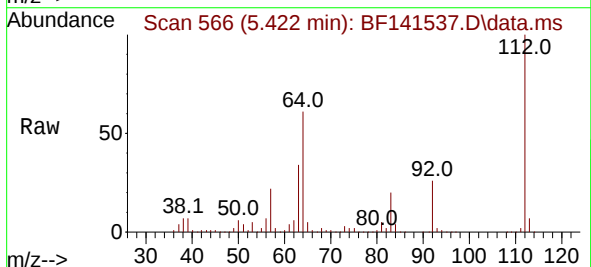
Instrument :
BNA_F
ClientSampleId :
WC-1



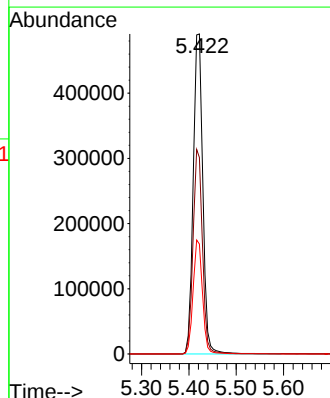
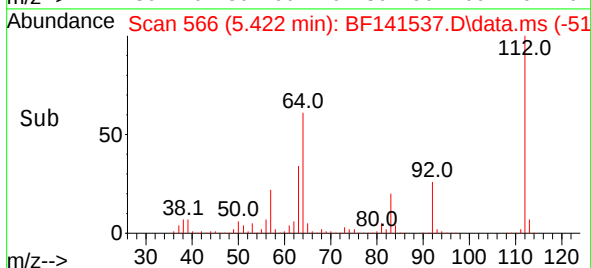
Tgt Ion:152 Resp: 71095
Ion Ratio Lower Upper
152 100
150 157.8 125.0 187.4
115 64.4 53.6 80.4

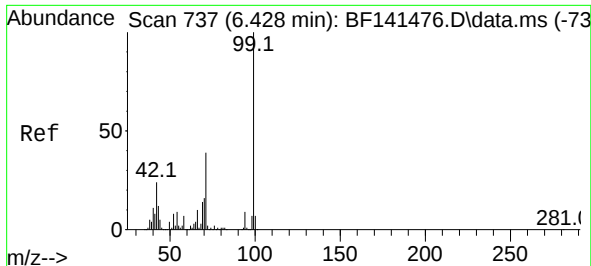


#5
2-Fluorophenol
Concen: 152.374 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141537.D
Acq: 10 Feb 2025 16:23



Tgt Ion:112 Resp: 690996
Ion Ratio Lower Upper
112 100
64 61.4 51.1 76.7
63 34.4 28.4 42.6

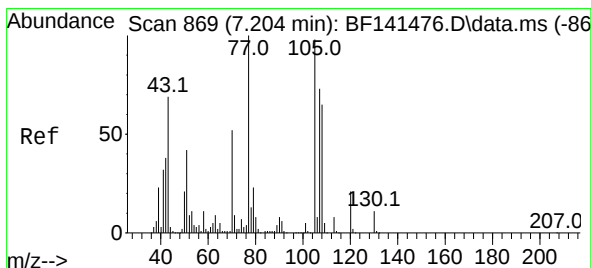
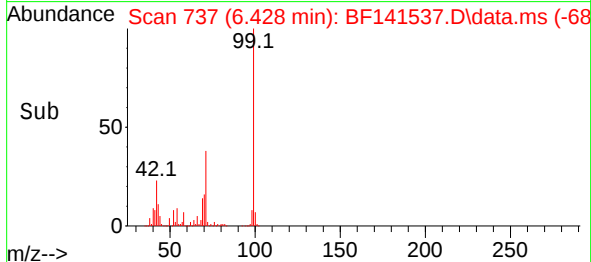
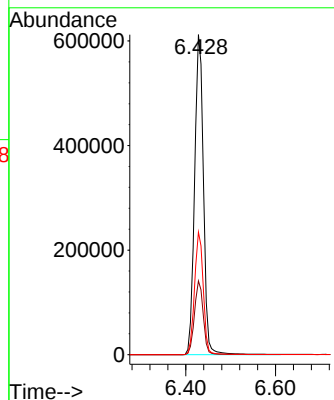
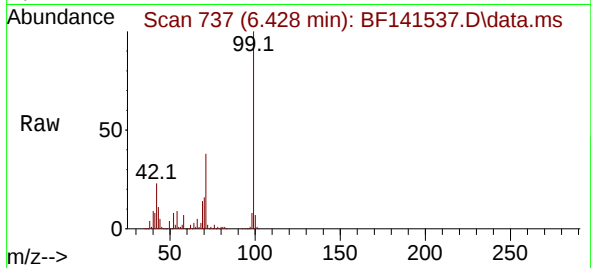




#7
Phenol-d6
Concen: 146.012 ng
RT: 6.428 min Scan# 714
Delta R.T. -0.011 min
Lab File: BF141537.D
Acq: 10 Feb 2025 16:23

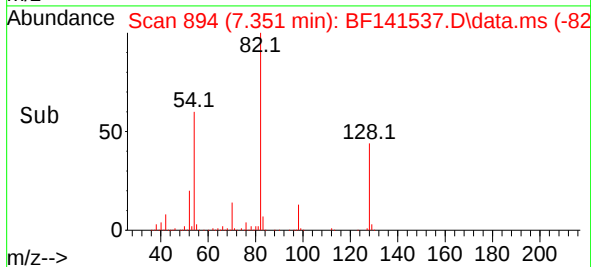
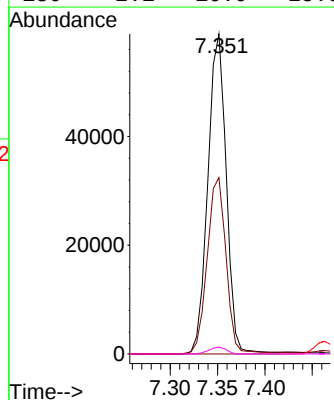
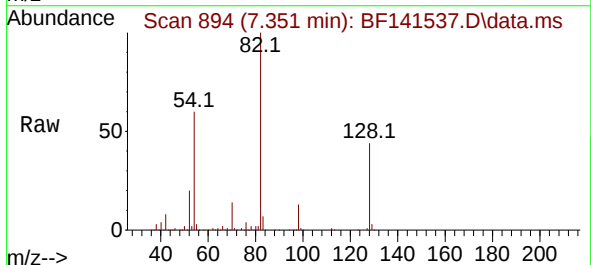
Instrument :
BNA_F
ClientSampleId :
WC-1

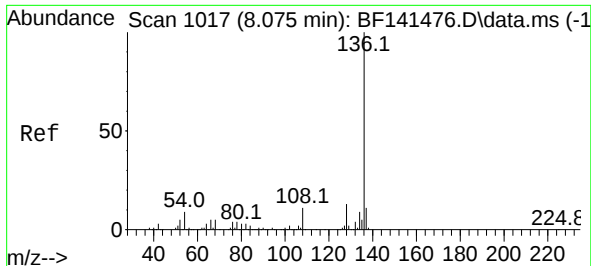
Tgt Ion: 99 Resp: 836898
Ion Ratio Lower Upper
99 100
42 23.1 19.1 28.7
71 38.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 23.160 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.136 min
Lab File: BF141537.D
Acq: 10 Feb 2025 16:23

Tgt Ion: 70 Resp: 79402
Ion Ratio Lower Upper
70 100
42 55.1 57.4 86.2#
101 0.0 8.0 12.0#
130 2.1 16.9 25.3#

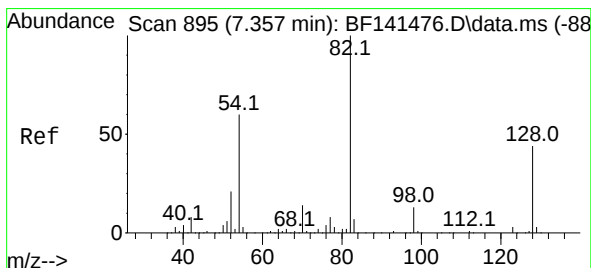
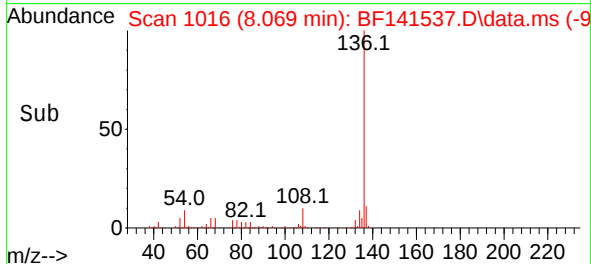
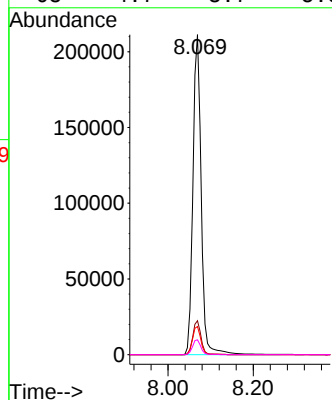
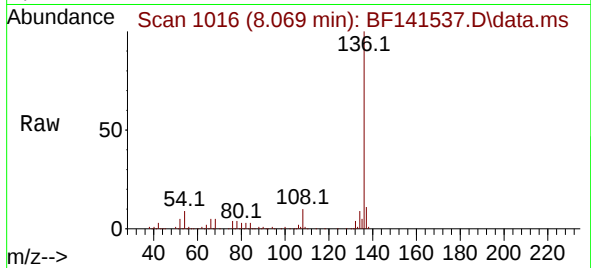




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141537.D
Acq: 10 Feb 2025 16:23

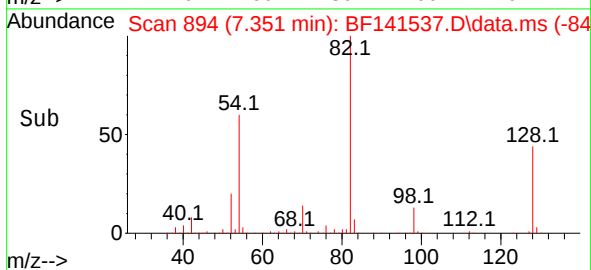
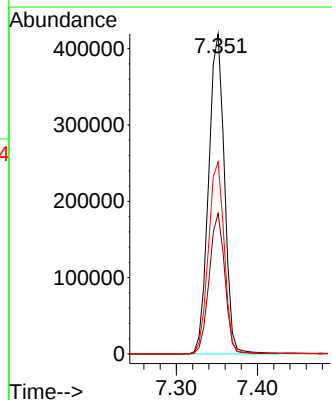
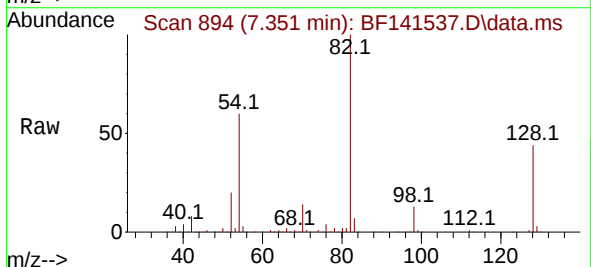
Instrument :
BNA_F
ClientSampleId :
WC-1

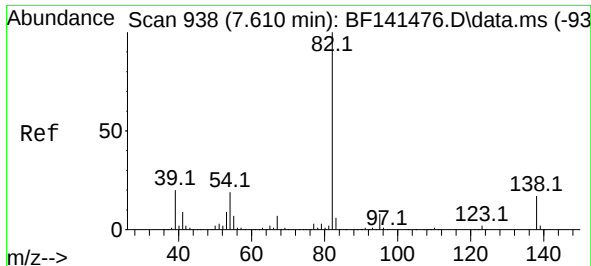
Tgt Ion:136 Resp: 284727
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.8 7.2 10.8
68 4.7 3.7 5.5



#23
Nitrobenzene-d5
Concen: 103.846 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.011 min
Lab File: BF141537.D
Acq: 10 Feb 2025 16:23

Tgt Ion: 82 Resp: 566884
Ion Ratio Lower Upper
82 100
128 43.9 34.8 52.2
54 60.1 48.2 72.4

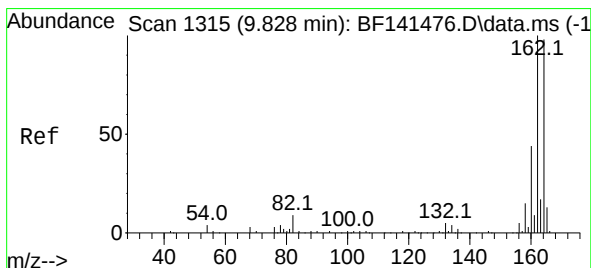
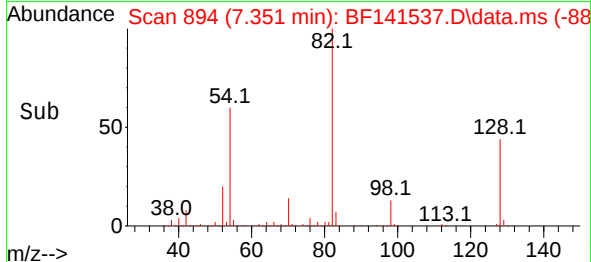
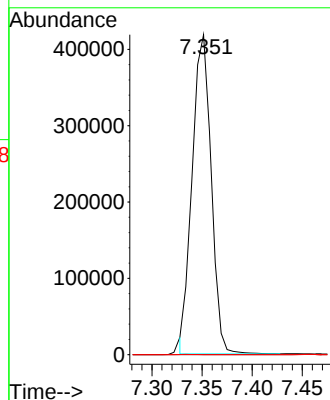
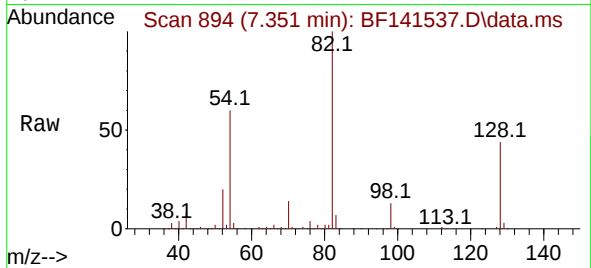




#25
Isophorone
Concen: 63.261 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF141537.D
Acq: 10 Feb 2025 16:23

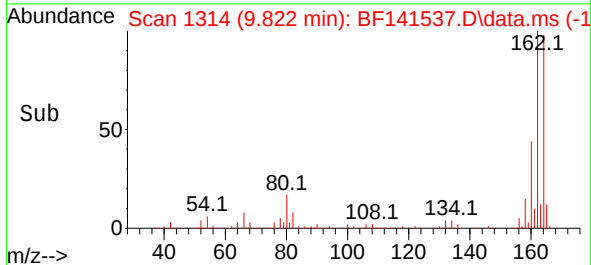
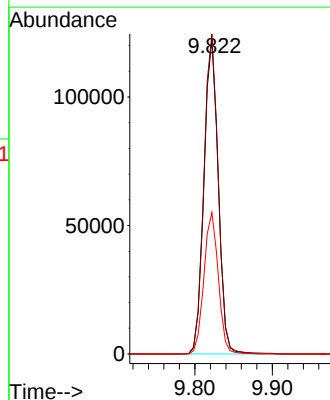
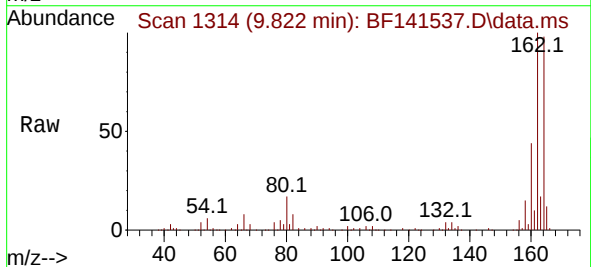
Instrument :
BNA_F
ClientSampleId :
WC-1

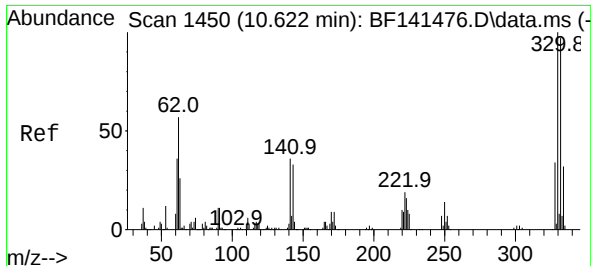
Tgt Ion: 82 Resp: 550625
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.011 min
Lab File: BF141537.D
Acq: 10 Feb 2025 16:23

Tgt Ion:164 Resp: 156372
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 45.0 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 160.634 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.011 min

Lab File: BF141537.D

Acq: 10 Feb 2025 16:23

Instrument :

BNA_F

ClientSampleId :

WC-1

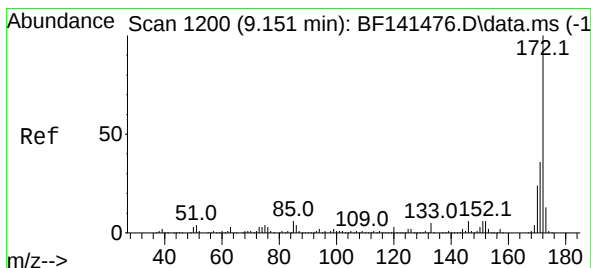
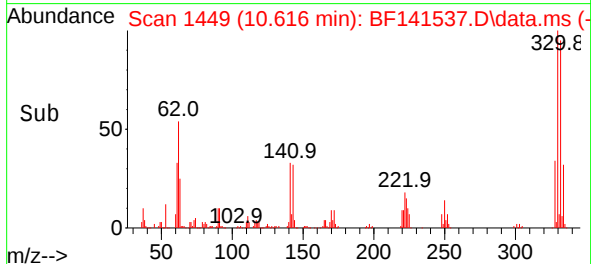
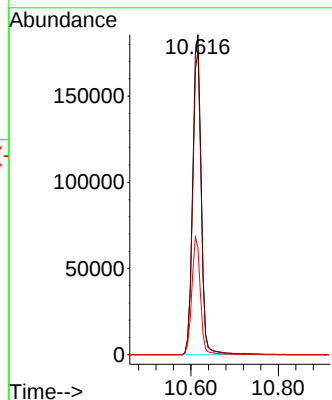
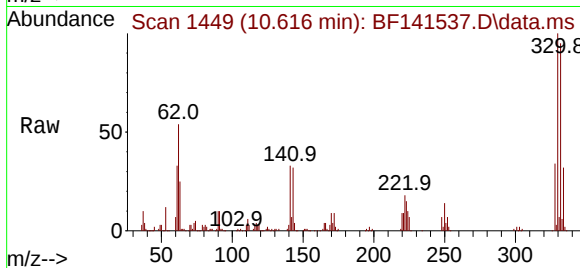
Tgt Ion:330 Resp: 252329

Ion Ratio Lower Upper

330 100

332 95.2 78.5 117.7

141 36.9 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 106.622 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141537.D

Acq: 10 Feb 2025 16:23

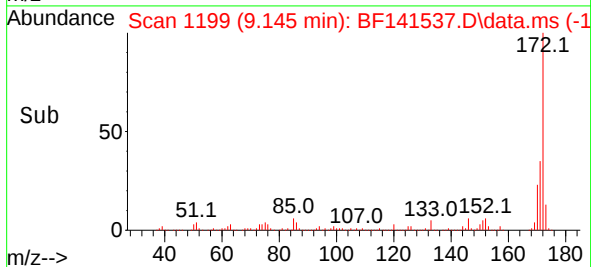
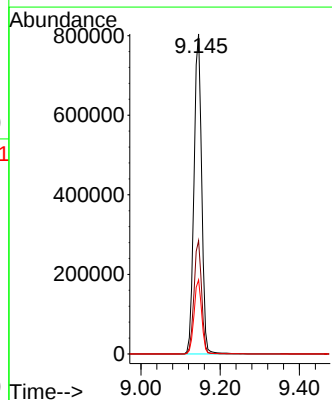
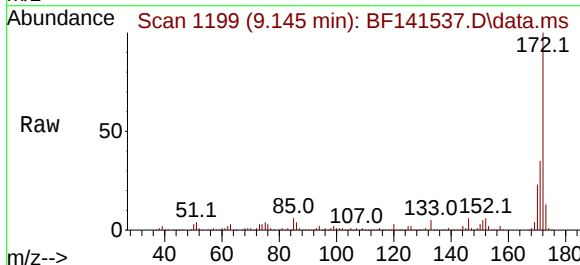
Tgt Ion:172 Resp: 1082193

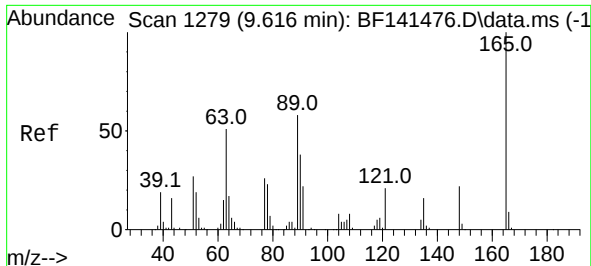
Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 23.2 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.391 ng

RT: 9.822 min Scan# 1314

Delta R.T. 0.200 min

Lab File: BF141537.D

Acq: 10 Feb 2025 16:23

Instrument :

BNA_F

ClientSampleId :

WC-1

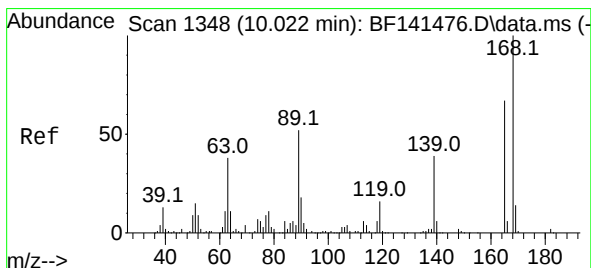
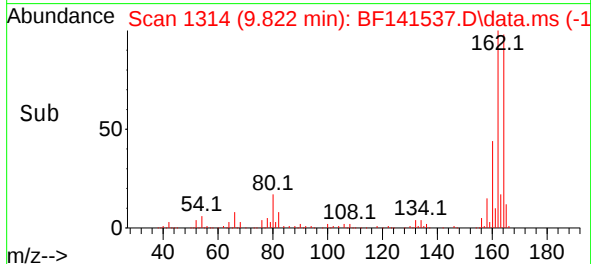
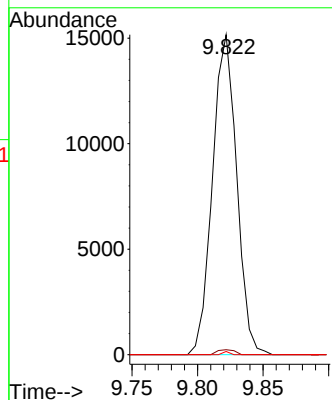
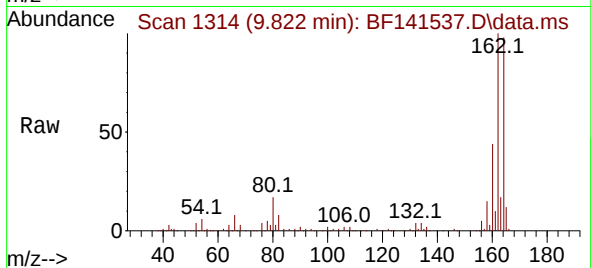
Tgt Ion:165 Resp: 19472

Ion Ratio Lower Upper

165 100

63 1.6 49.4 74.0#

89 1.0 46.5 69.7#



#57

2,4-Dinitrotoluene

Concen: 6.303 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.206 min

Lab File: BF141537.D

Acq: 10 Feb 2025 16:23

Tgt Ion:165 Resp: 19472

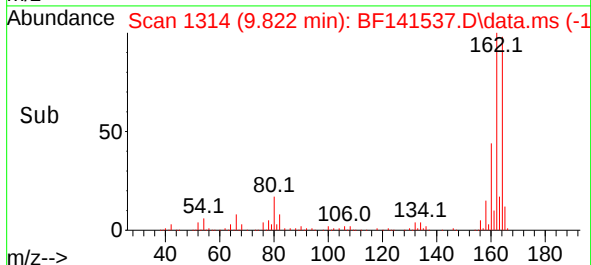
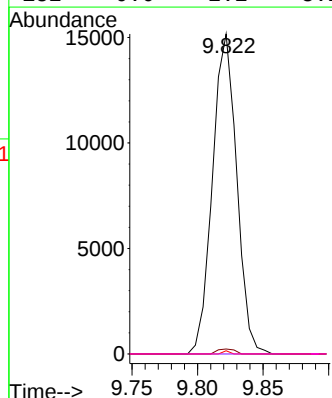
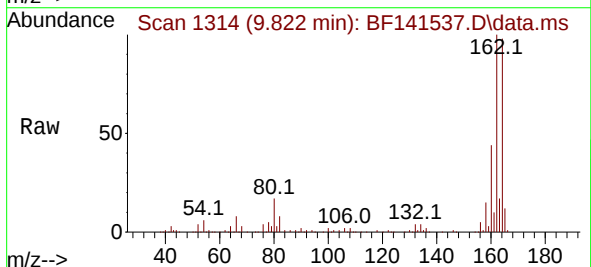
Ion Ratio Lower Upper

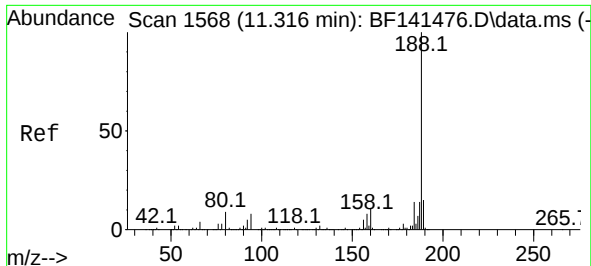
165 100

63 1.6 46.4 69.6#

89 1.0 61.8 92.6#

182 0.0 2.2 3.2#

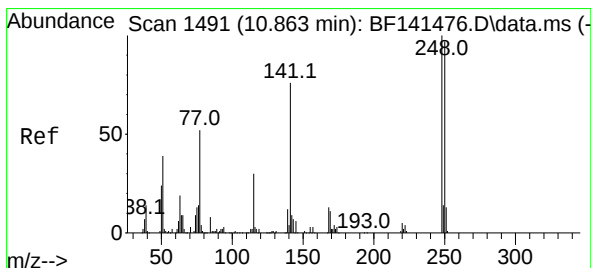
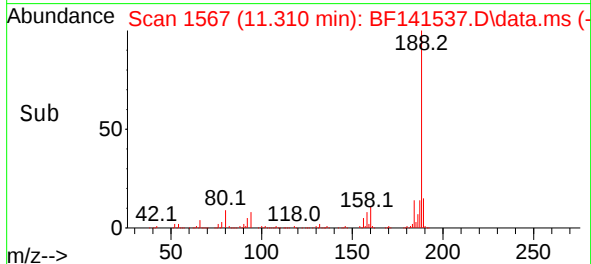
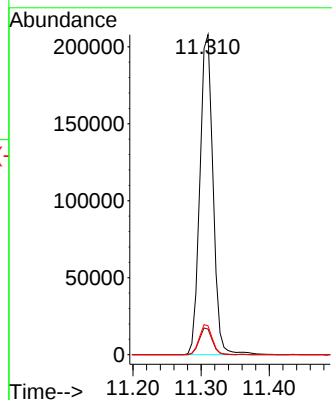
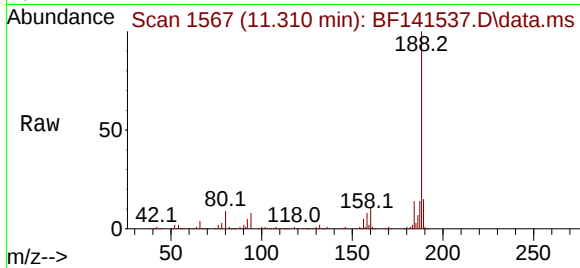




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF141537.D
Acq: 10 Feb 2025 16:23

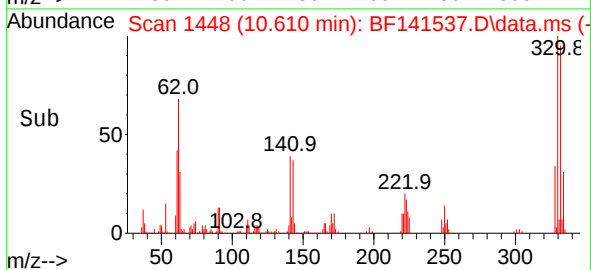
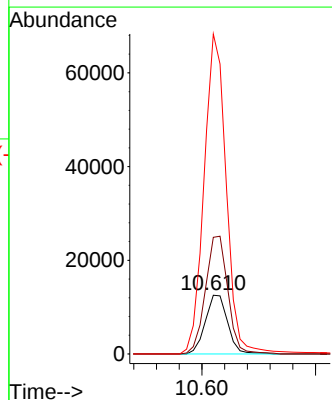
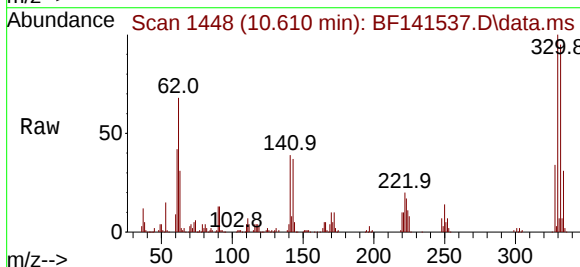
Instrument :
BNA_F
ClientSampleId :
WC-1

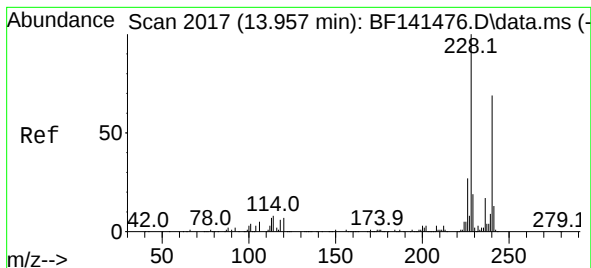
Tgt Ion:188 Resp: 278700
Ion Ratio Lower Upper
188 100
94 8.0 6.6 10.0
80 9.0 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 5.492 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.253 min
Lab File: BF141537.D
Acq: 10 Feb 2025 16:23

Tgt Ion:248 Resp: 17107
Ion Ratio Lower Upper
248 100
250 198.7 77.8 116.6#
141 545.0 60.6 90.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.011 min

Lab File: BF141537.D

Acq: 10 Feb 2025 16:23

Instrument :

BNA_F

ClientSampleId :

WC-1

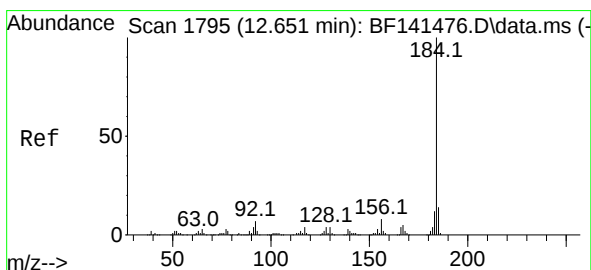
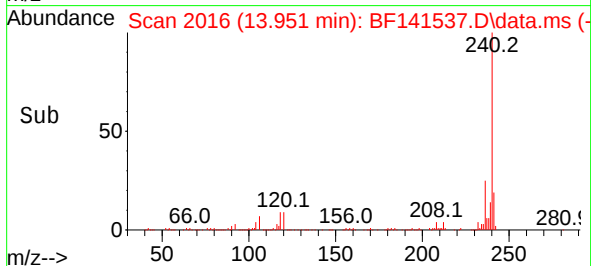
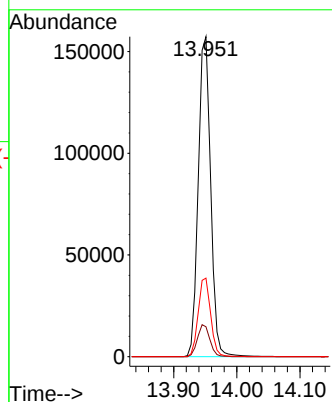
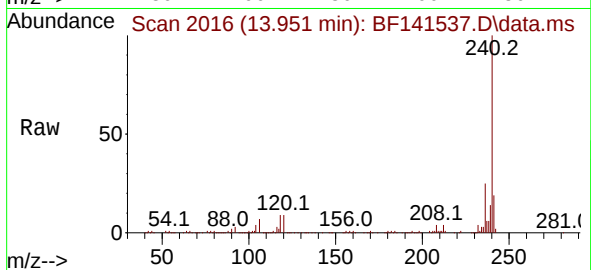
Tgt Ion:240 Resp: 214003

Ion Ratio Lower Upper

240 100

120 9.3 8.0 12.0

236 24.6 19.8 29.8



#77

Benzydine

Concen: 3.906 ng

RT: 12.898 min Scan# 1837

Delta R.T. 0.241 min

Lab File: BF141537.D

Acq: 10 Feb 2025 16:23

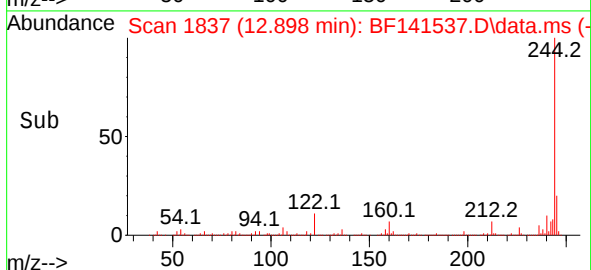
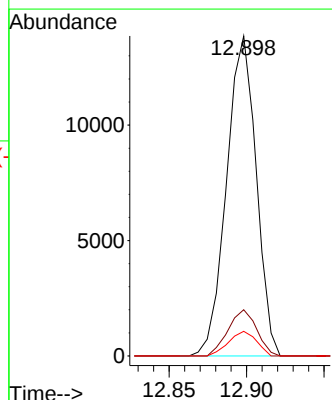
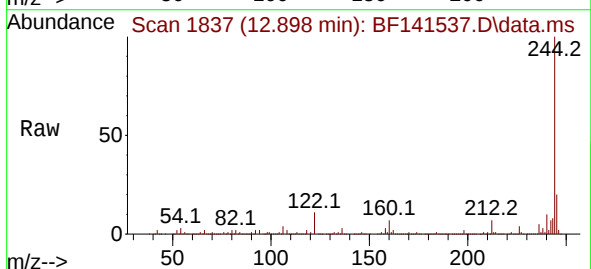
Tgt Ion:184 Resp: 18433

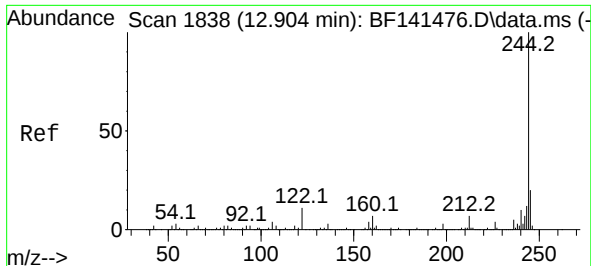
Ion Ratio Lower Upper

184 100

185 14.5 11.3 16.9

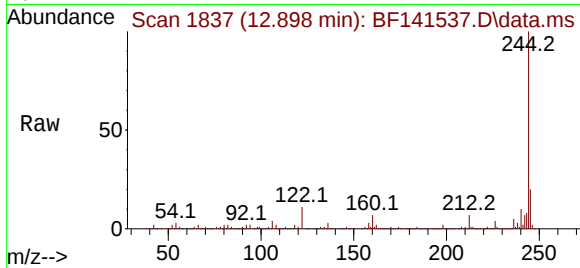
183 7.7 9.3 13.9#



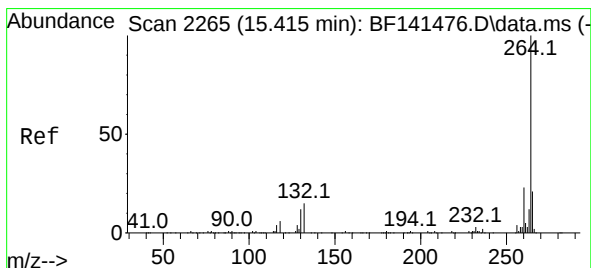
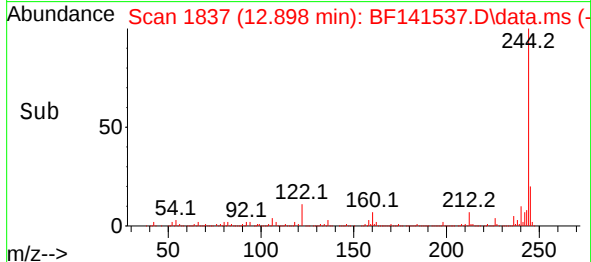
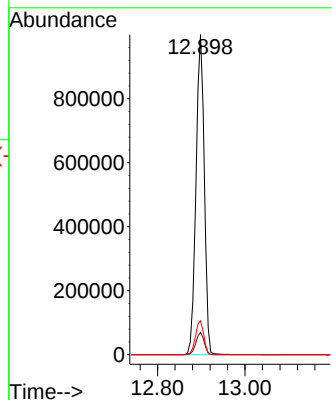


#79
 Terphenyl-d14
 Concen: 103.976 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141537.D
 Acq: 10 Feb 2025 16:23

Instrument :
 BNA_F
 ClientSampleId :
 WC-1



Tgt Ion:244 Resp: 1318059
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.6 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2263
 Delta R.T. -0.011 min
 Lab File: BF141537.D
 Acq: 10 Feb 2025 16:23

Tgt Ion:264 Resp: 152761
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 21.4 17.0 25.4

