

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
 Data File : BF141535.D
 Acq On : 10 Feb 2025 15:17
 Operator : RC/JU
 Sample : PB166619BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166619BL

Quant Time: Feb 10 16:24:00 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)

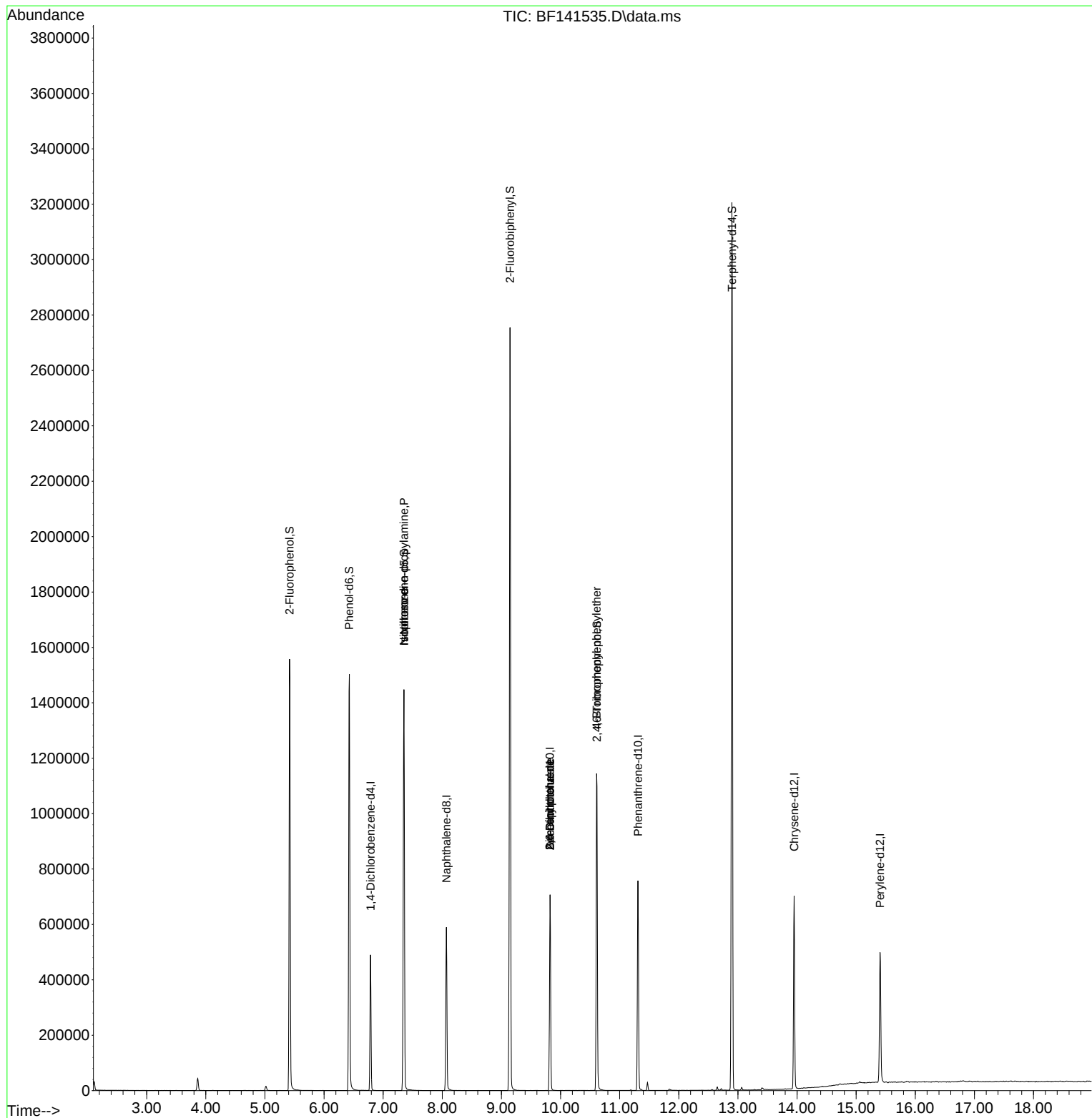
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	97885	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	393922	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	221436	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	390652	20.000	ng	0.00
76) Chrysene-d12	13.951	240	341278	20.000	ng	-0.01
86) Perylene-d12	15.404	264	281271	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	558412	89.436	ng	0.00
7) Phenol-d6	6.428	99	681684	86.382	ng	-0.01
23) Nitrobenzene-d5	7.351	82	681361	90.217	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	191173	85.943	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1293206	89.975	ng	0.00
79) Terphenyl-d14	12.898	244	1639444	81.097	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	93716	19.853	ng	# 75
25) Isophorone	7.351	82	655378	54.424	ng	# 66
50) Dimethylphthalate	9.822	163	31034	2.064	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	28191	8.578	ng	# 23
57) 2,4-Dinitrotoluene	9.822	165	28191	6.444	ng	# 19
67) 4-Bromophenyl-phenylether	10.610	248	13430	3.076	ng	# 1

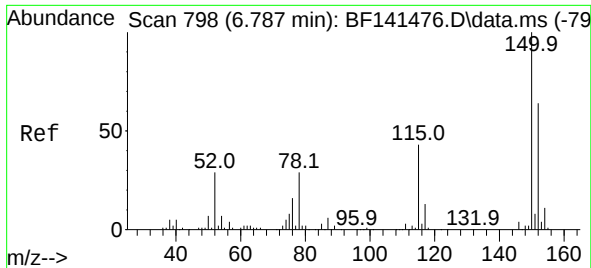
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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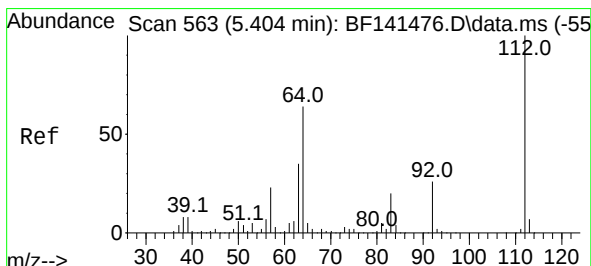
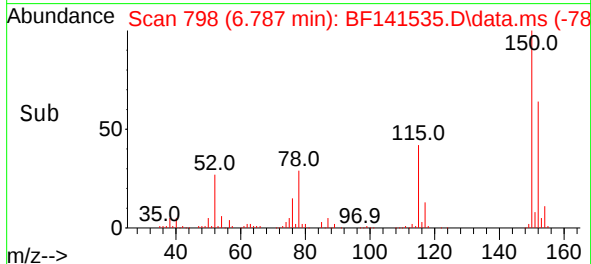
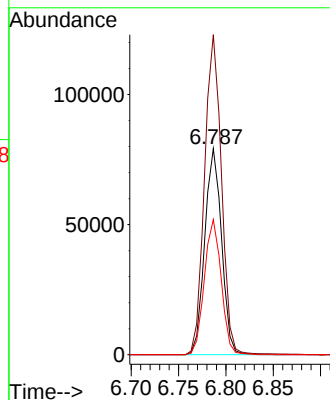
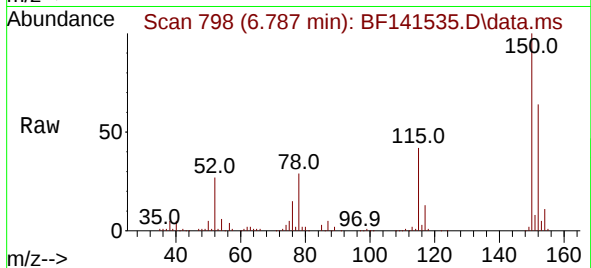




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141535.D
Acq: 10 Feb 2025 15:17

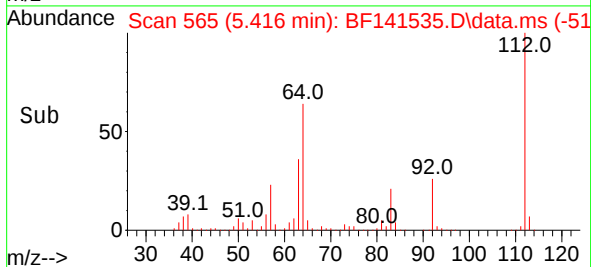
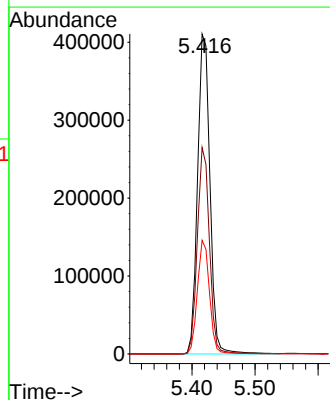
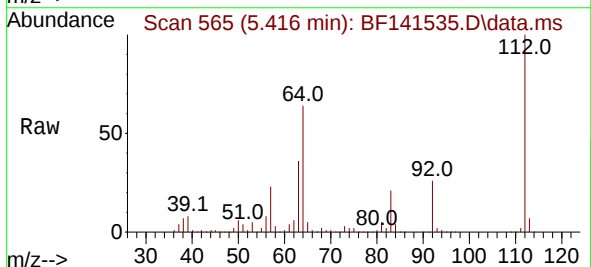
Instrument :
BNA_F
ClientSampleId :
PB166619BL

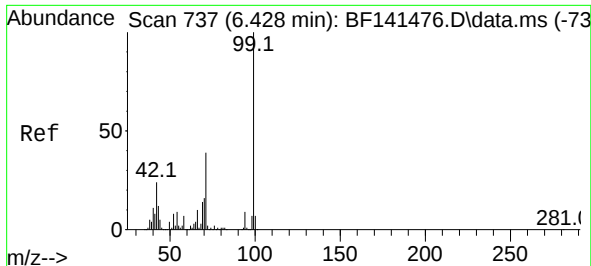
Tgt Ion:152 Resp: 97885
Ion Ratio Lower Upper
152 100
150 155.2 125.0 187.4
115 65.5 53.6 80.4



#5
2-Fluorophenol
Concen: 89.436 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141535.D
Acq: 10 Feb 2025 15:17

Tgt Ion:112 Resp: 558412
Ion Ratio Lower Upper
112 100
64 64.5 51.1 76.7
63 35.5 28.4 42.6

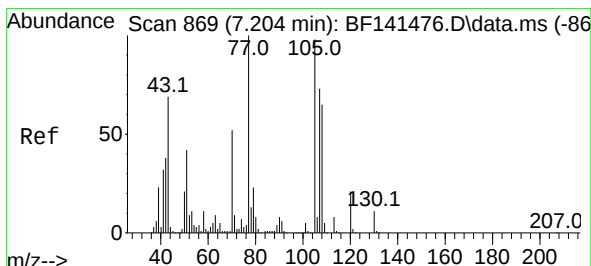
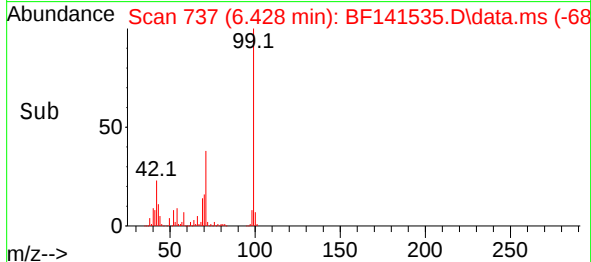
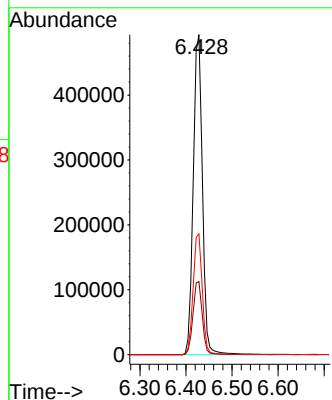
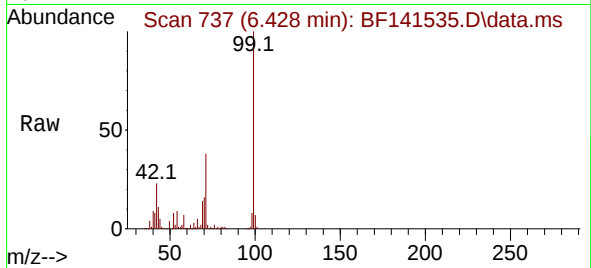




#7
Phenol-d6
Concen: 86.382 ng
RT: 6.428 min Scan# 737
Delta R.T. -0.011 min
Lab File: BF141535.D
Acq: 10 Feb 2025 15:17

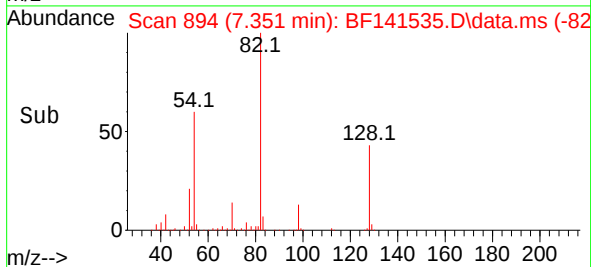
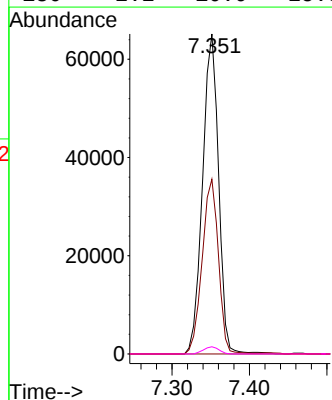
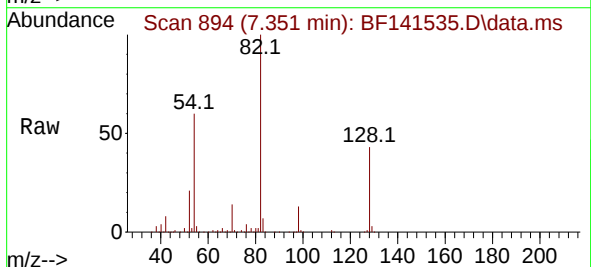
Instrument :
BNA_F
ClientSampleId :
PB166619BL

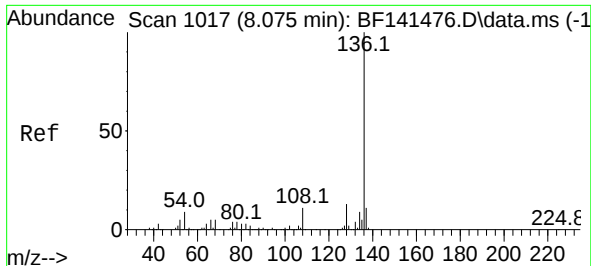
Tgt Ion: 99 Resp: 681684
Ion Ratio Lower Upper
99 100
42 22.9 19.1 28.7
71 37.8 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.853 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.136 min
Lab File: BF141535.D
Acq: 10 Feb 2025 15:17

Tgt Ion: 70 Resp: 93716
Ion Ratio Lower Upper
70 100
42 54.6 57.4 86.2#
101 0.0 8.0 12.0#
130 2.2 16.9 25.3#

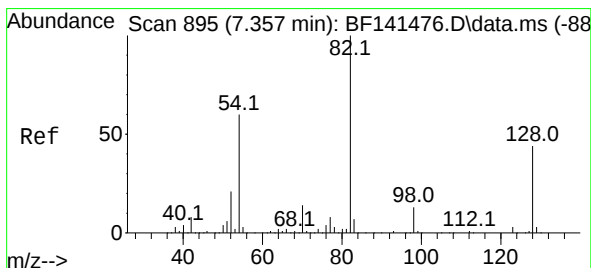
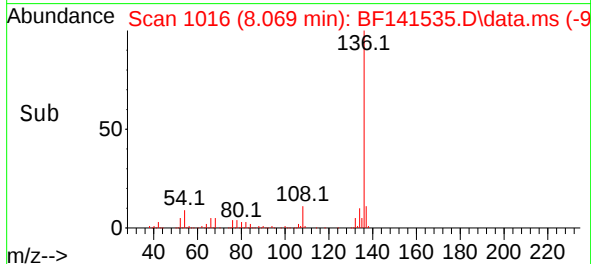
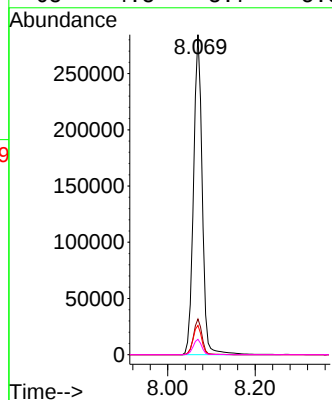
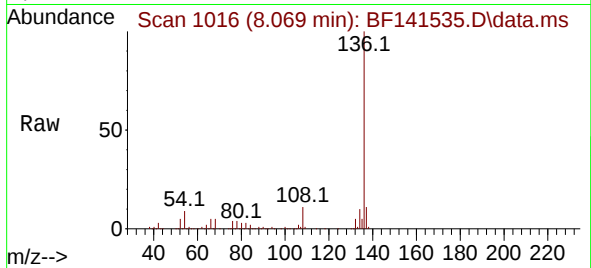




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141535.D
Acq: 10 Feb 2025 15:17

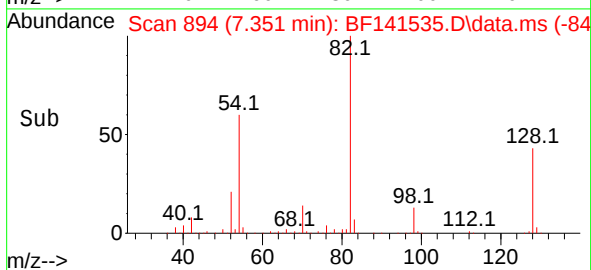
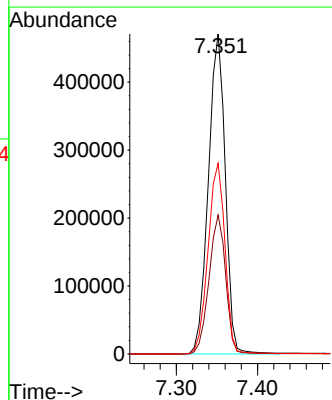
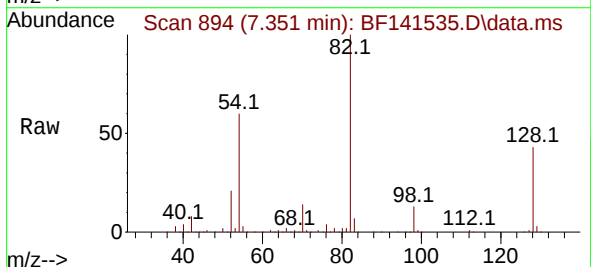
Instrument :
BNA_F
ClientSampleId :
PB166619BL

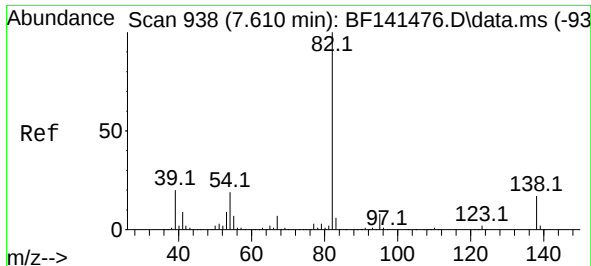
Tgt Ion:136 Resp: 393922
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.1 7.2 10.8
68 4.8 3.7 5.5



#23
Nitrobenzene-d5
Concen: 90.217 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.011 min
Lab File: BF141535.D
Acq: 10 Feb 2025 15:17

Tgt Ion: 82 Resp: 681361
Ion Ratio Lower Upper
82 100
128 43.4 34.8 52.2
54 59.6 48.2 72.4





#25

Isophorone

Concen: 54.424 ng

RT: 7.351 min Scan# 80

Delta R.T. -0.270 min

Lab File: BF141535.D

Acq: 10 Feb 2025 15:17

Instrument :

BNA_F

ClientSampleId :

PB166619BL

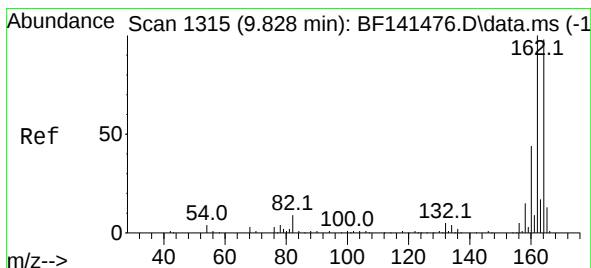
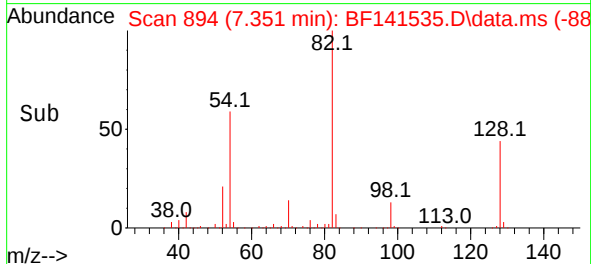
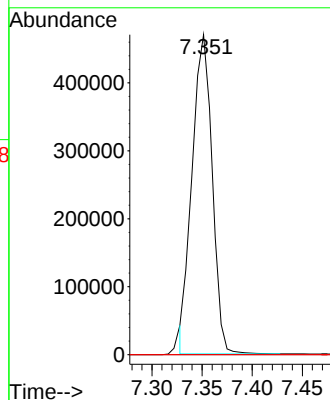
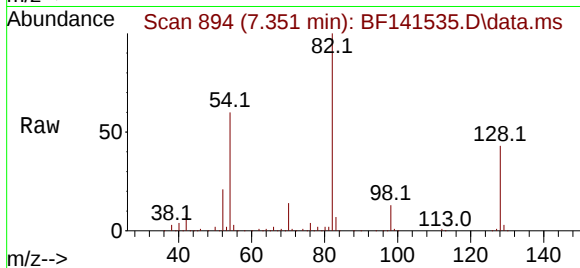
Tgt Ion: 82 Resp: 655378

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. -0.012 min

Lab File: BF141535.D

Acq: 10 Feb 2025 15:17

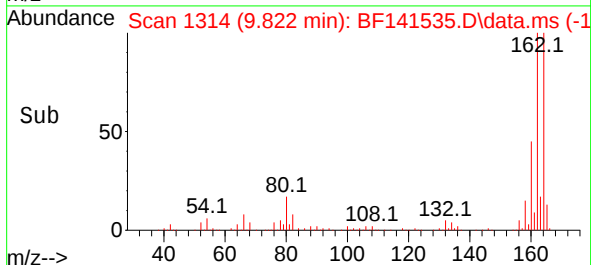
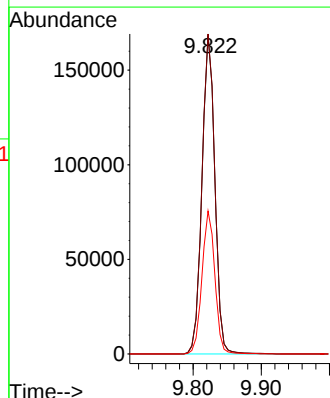
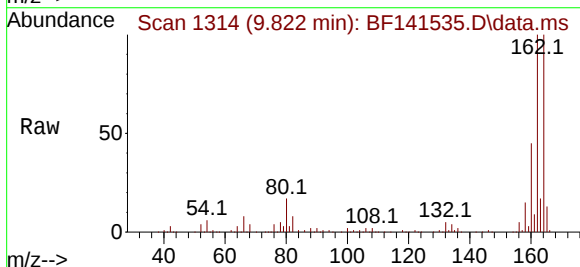
Tgt Ion:164 Resp: 221436

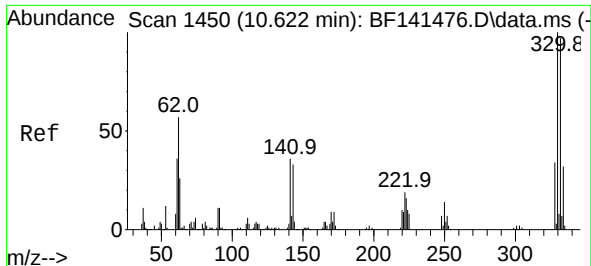
Ion Ratio Lower Upper

164 100

162 100.5 81.3 121.9

160 44.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 85.943 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141535.D

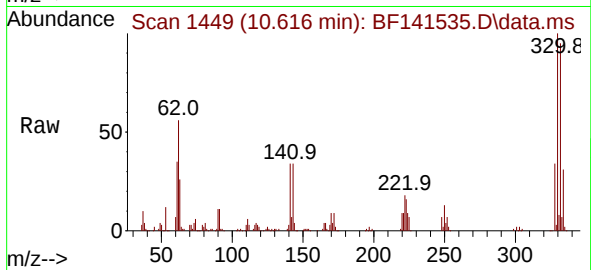
Acq: 10 Feb 2025 15:17

Instrument :

BNA_F

ClientSampleId :

PB166619BL



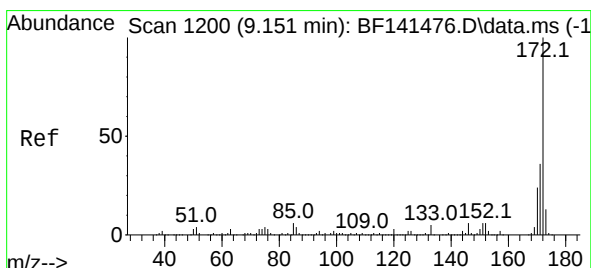
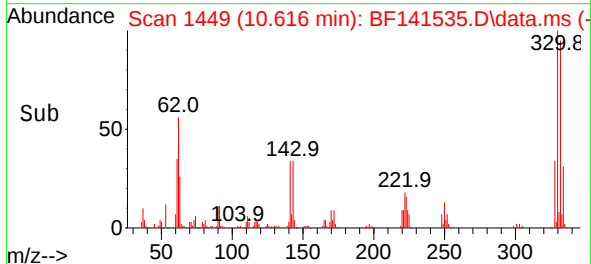
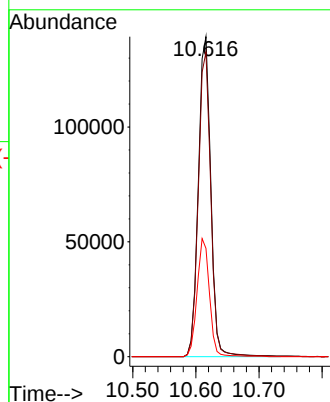
Tgt Ion:330 Resp: 191173

Ion Ratio Lower Upper

330 100

332 95.3 78.5 117.7

141 36.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 89.975 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141535.D

Acq: 10 Feb 2025 15:17

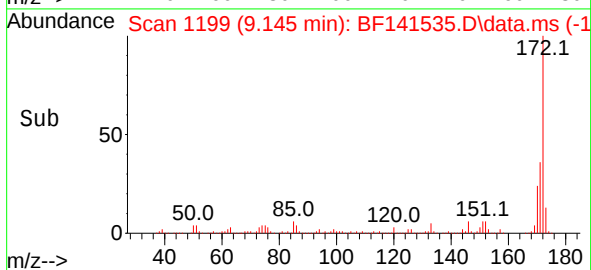
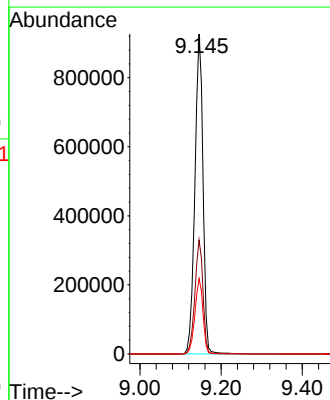
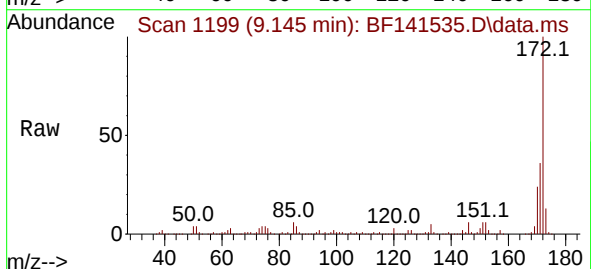
Tgt Ion:172 Resp: 1293206

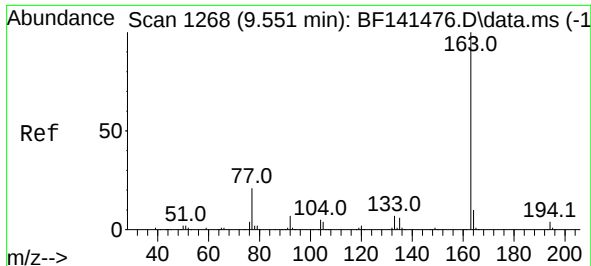
Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.5 18.9 28.3

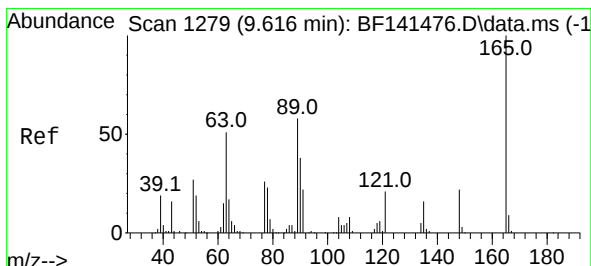
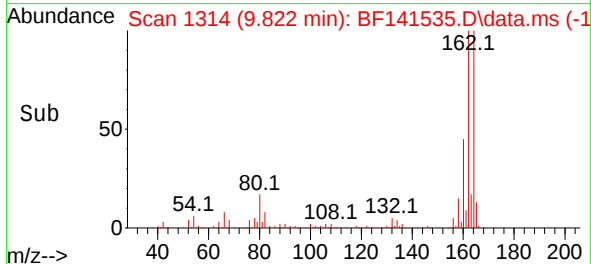
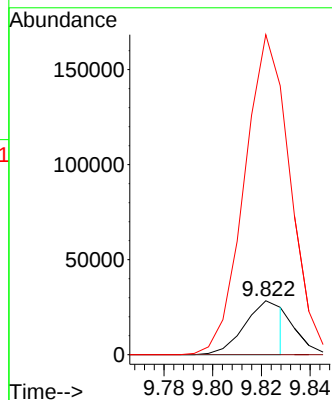
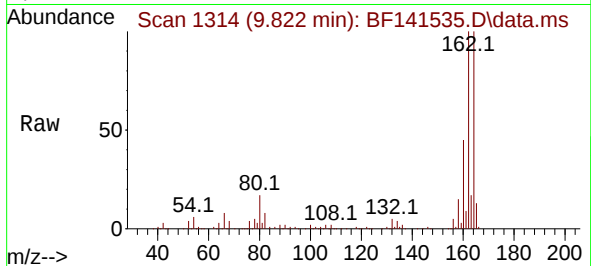




#50
Dimethylphthalate
Concen: 2.064 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF141535.D
Acq: 10 Feb 2025 15:17

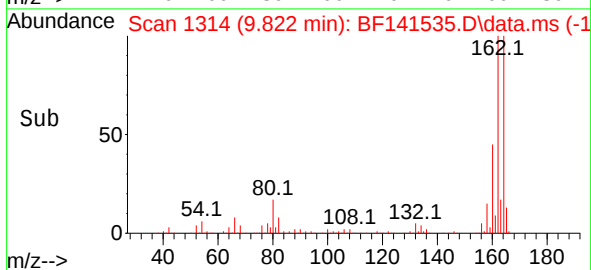
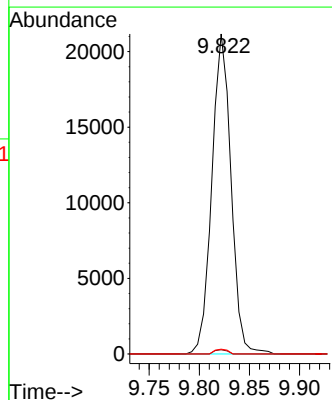
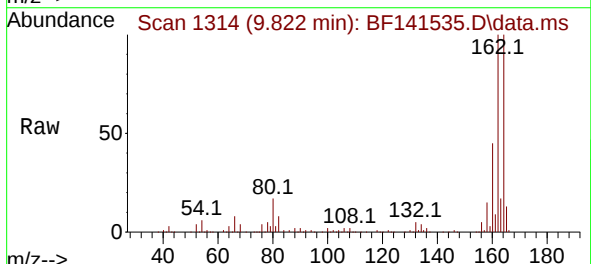
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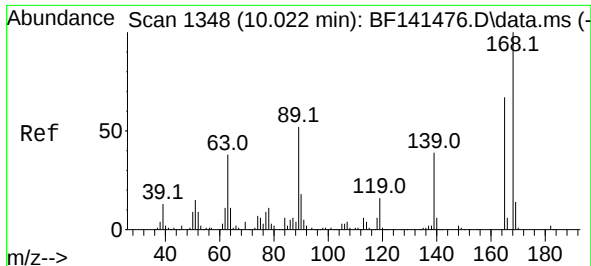
Tgt Ion:163 Resp: 31034
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 593.2 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.578 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF141535.D
Acq: 10 Feb 2025 15:17

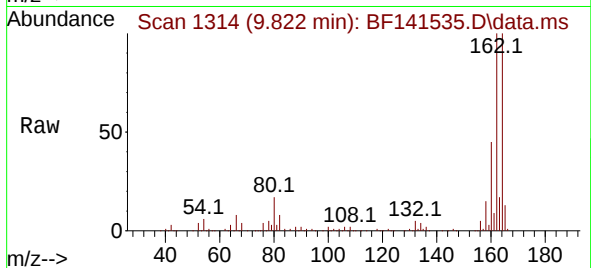
Tgt Ion:165 Resp: 28191
Ion Ratio Lower Upper
165 100
63 1.3 49.4 74.0#
89 1.5 46.5 69.7#



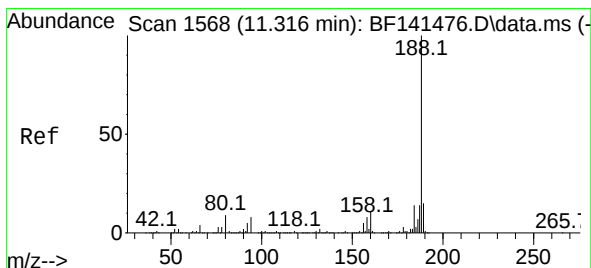
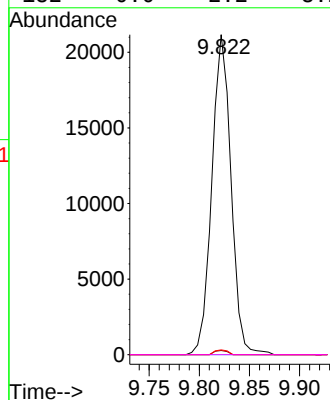
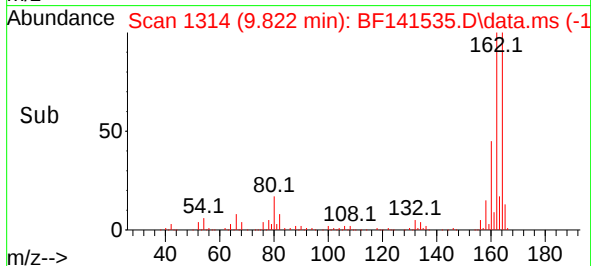


#57
2,4-Dinitrotoluene
Concen: 6.444 ng
RT: 9.822 min Scan# 14
Delta R.T. -0.206 min
Lab File: BF141535.D
Acq: 10 Feb 2025 15:17

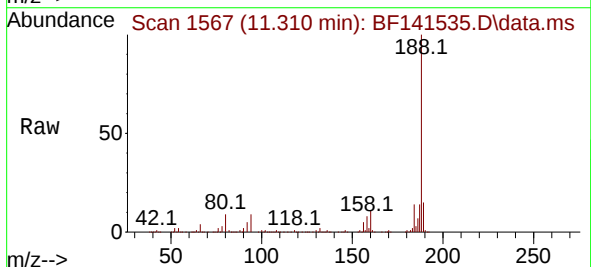
Instrument :
BNA_F
ClientSampleId :
PB166619BL



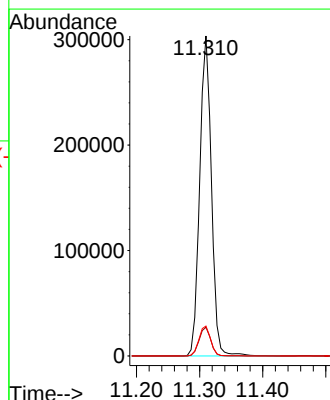
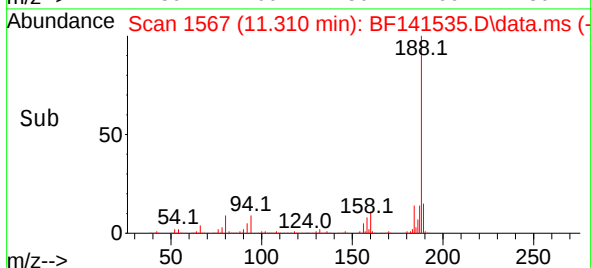
Tgt Ion:165 Resp: 28191
Ion Ratio Lower Upper
165 100
63 1.3 46.4 69.6#
89 1.5 61.8 92.6#
182 0.0 2.2 3.2#

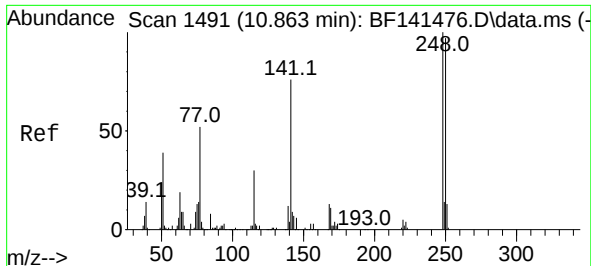


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141535.D
Acq: 10 Feb 2025 15:17



Tgt Ion:188 Resp: 390652
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.4 7.3 10.9





#67

4-Bromophenyl-phenylether

Concen: 3.076 ng

RT: 10.610 min Scan# 1491

Delta R.T. -0.253 min

Lab File: BF141535.D

Acq: 10 Feb 2025 15:17

Instrument :

BNA_F

ClientSampleId :

PB166619BL

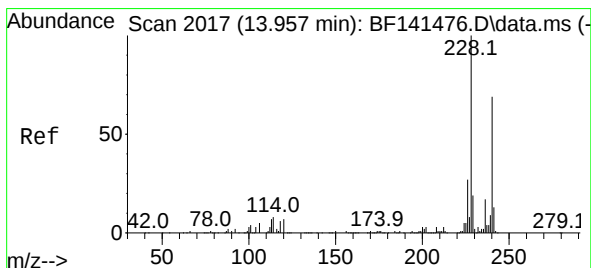
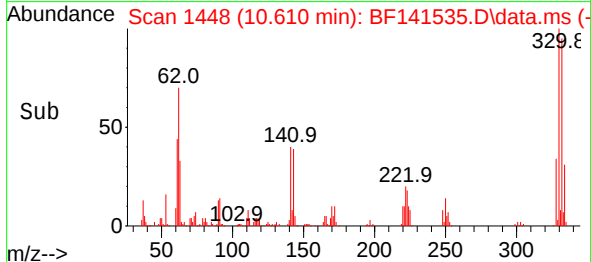
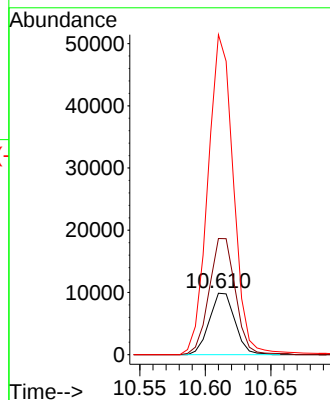
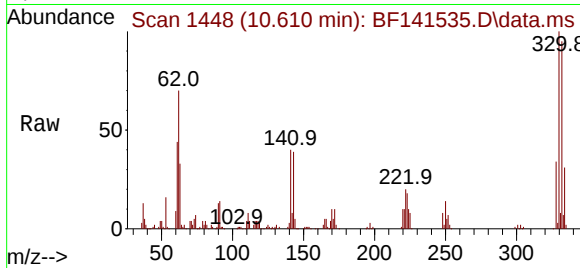
Tgt Ion:248 Resp: 13430

Ion Ratio Lower Upper

248 100

250 189.0 77.8 116.6#

141 520.7 60.6 90.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF141535.D

Acq: 10 Feb 2025 15:17

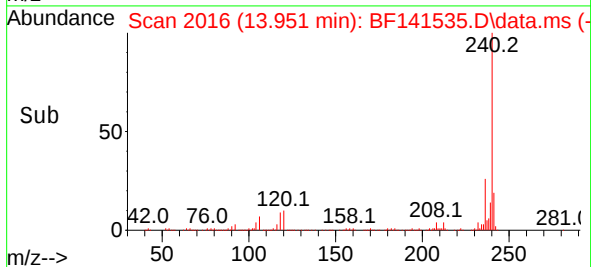
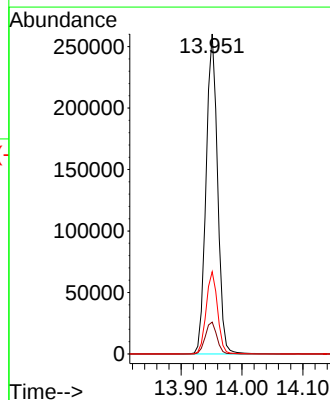
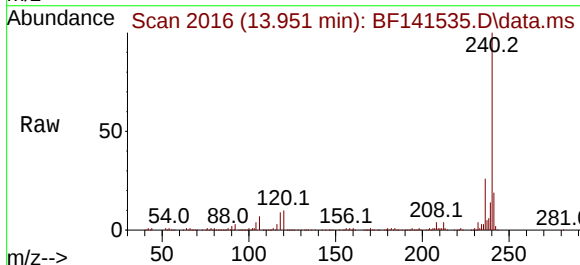
Tgt Ion:240 Resp: 341278

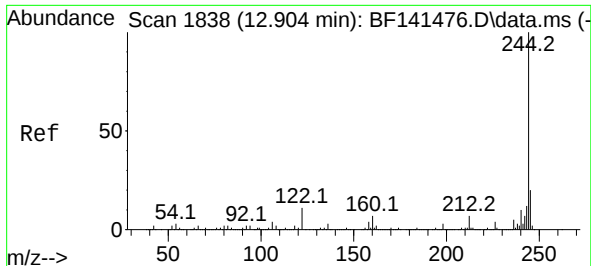
Ion Ratio Lower Upper

240 100

120 9.9 8.0 12.0

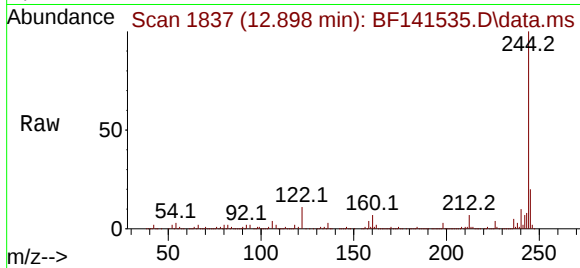
236 25.7 19.8 29.8



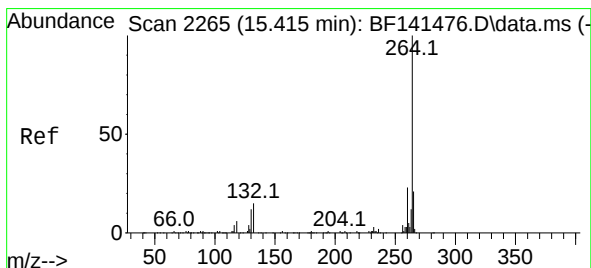
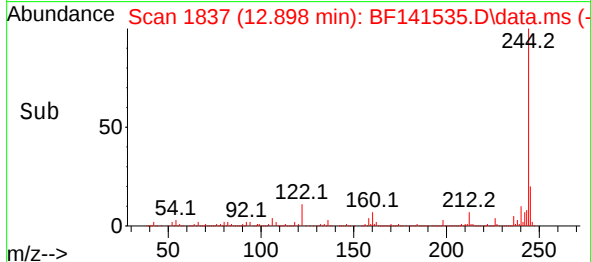
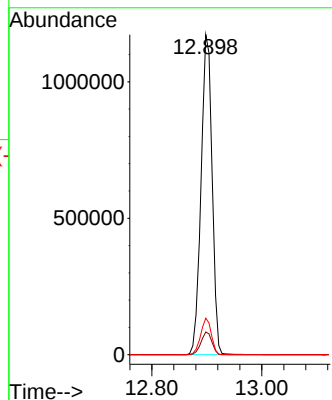


#79
 Terphenyl-d14
 Concen: 81.097 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141535.D
 Acq: 10 Feb 2025 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB166619BL



Tgt Ion:244 Resp: 1639444
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.4 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: BF141535.D
 Acq: 10 Feb 2025 15:17

Tgt Ion:264 Resp: 281271
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.2 17.0 25.4

