

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140185.D
 Acq On : 31 Oct 2024 13:29
 Operator : RC/JU
 Sample : P4611-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Oct 31 14:27:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

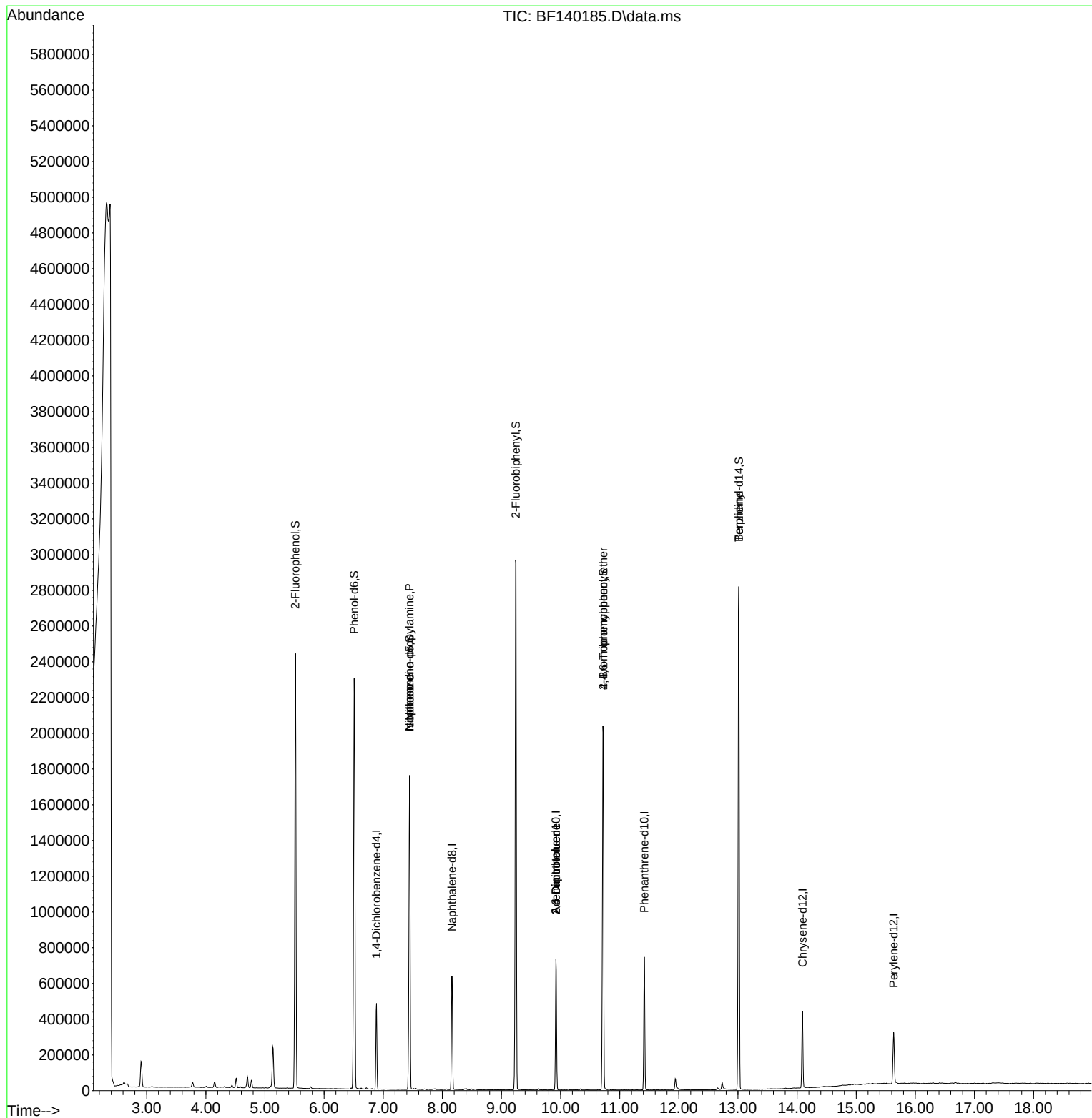
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	95584	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	381109	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	217744	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	382727	20.000	ng	0.00
76) Chrysene-d12	14.092	240	204395	20.000	ng	0.04
86) Perylene-d12	15.633	264	171801	20.000	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	917056	150.197	ng	0.02
7) Phenol-d6	6.510	99	1148612	145.249	ng	0.00
23) Nitrobenzene-d5	7.445	82	807257	117.397	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	380210	186.679	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1414178	107.337	ng	0.00
79) Terphenyl-d14	13.015	244	1474365	117.540	ng	0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	110745	23.091	ng	# 77
25) Isophorone	7.445	82	804325	61.628	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	26870	9.150	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	26870	7.441	ng	# 21
67) 4-Bromophenyl-phenylether	10.722	248	24481	6.209	ng	# 1
77) Benzidine	13.015	184	17839	5.308	ng	# 92

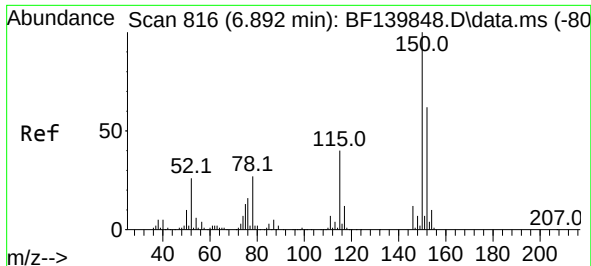
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

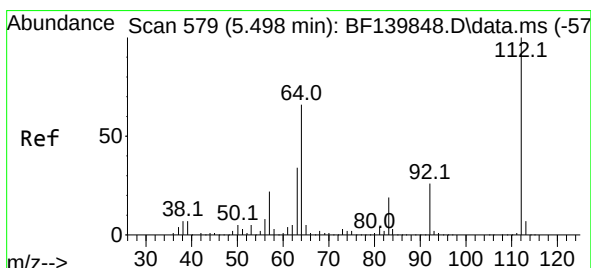
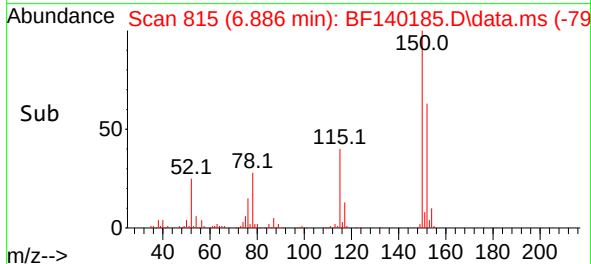
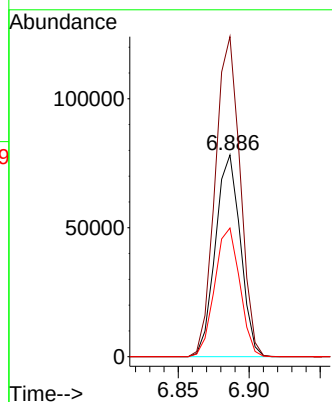
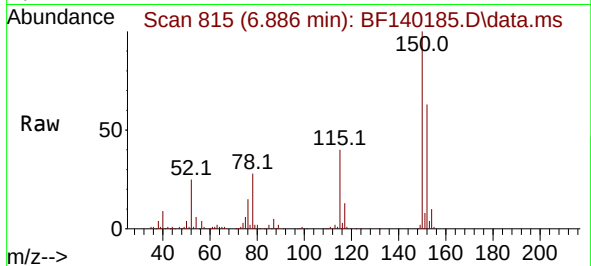




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140185.D
Acq: 31 Oct 2024 13:29

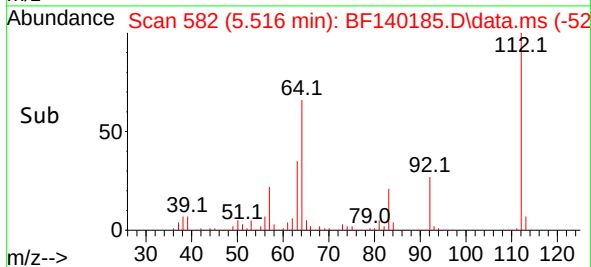
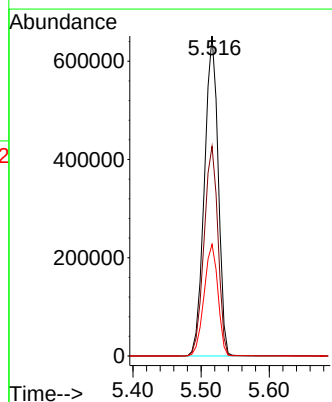
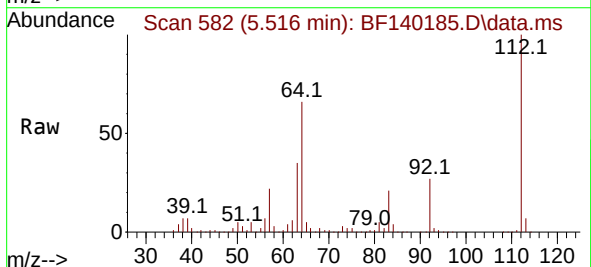
Instrument :
BNA_F
ClientSampleId :
TP-3

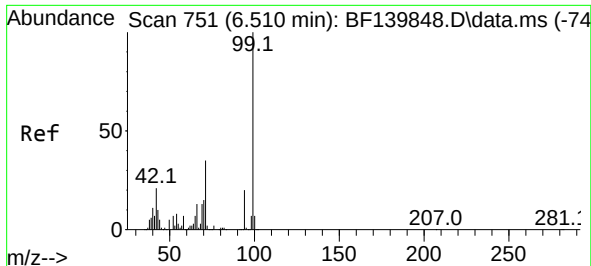
Tgt Ion:152 Resp: 95584
Ion Ratio Lower Upper
152 100
150 158.6 130.2 195.2
115 63.7 51.4 77.2



#5
2-Fluorophenol
Concen: 150.197 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140185.D
Acq: 31 Oct 2024 13:29

Tgt Ion:112 Resp: 917056
Ion Ratio Lower Upper
112 100
64 65.5 53.0 79.6
63 34.9 27.0 40.4



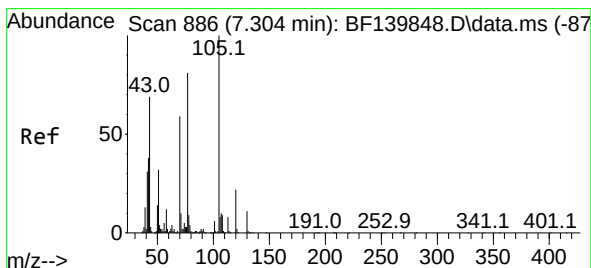
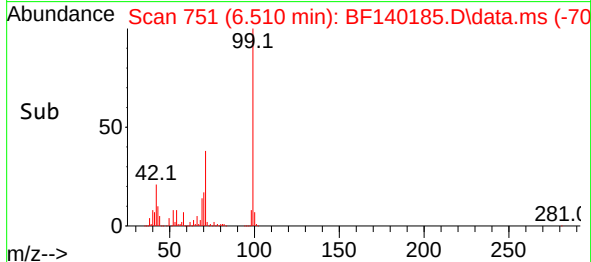
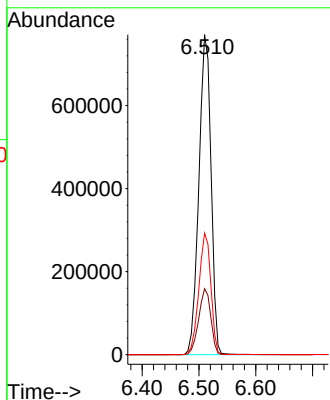
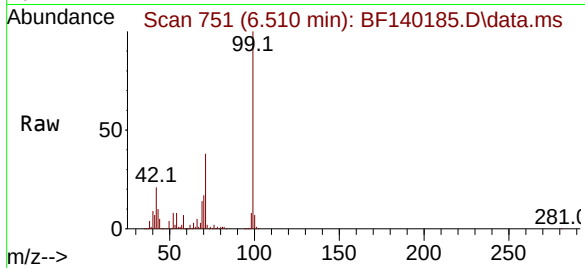


#7
Phenol-d6
Concen: 145.249 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF140185.D
Acq: 31 Oct 2024 13:29

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 1148612

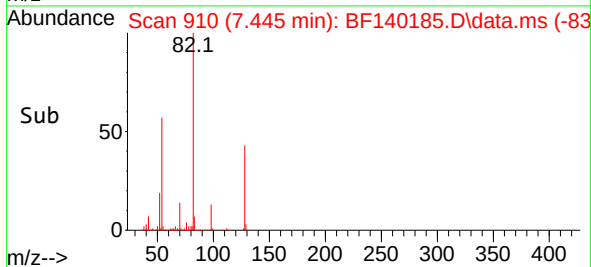
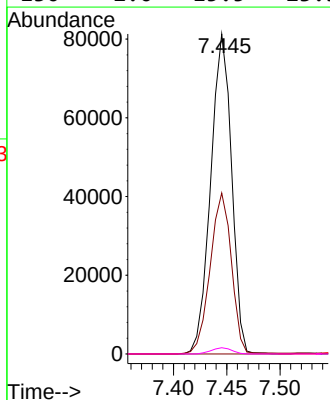
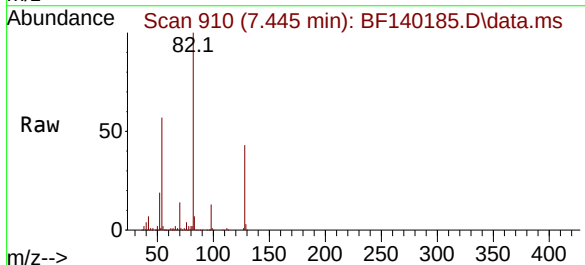
Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.7	25.1
71	38.0	27.7	41.5

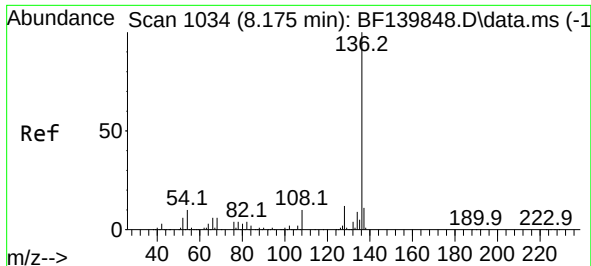


#19
n-Nitroso-di-n-propylamine
Concen: 23.091 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140185.D
Acq: 31 Oct 2024 13:29

Tgt Ion: 70 Resp: 110745

Ion	Ratio	Lower	Upper
70	100		
42	50.3	51.5	77.3#
101	0.0	7.5	11.3#
130	2.0	15.5	23.3#



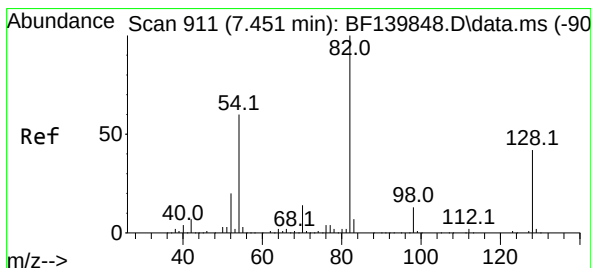
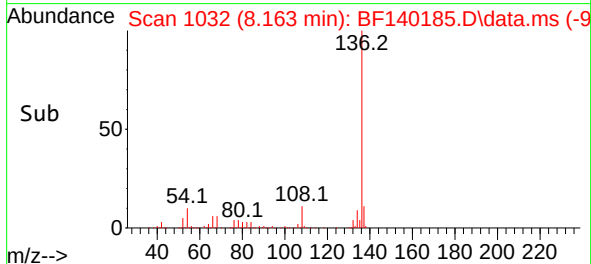
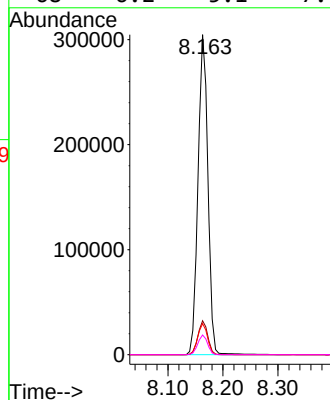
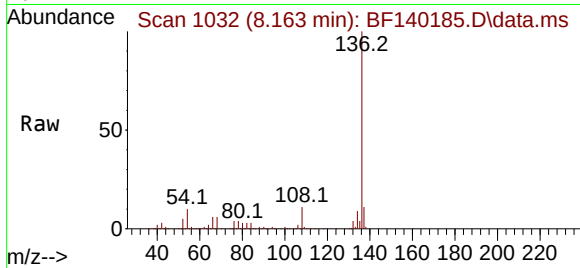


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF140185.D
Acq: 31 Oct 2024 13:29

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:136 Resp: 381109

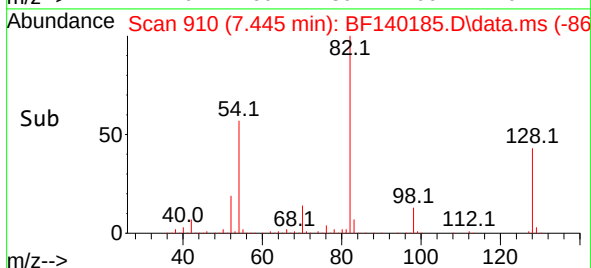
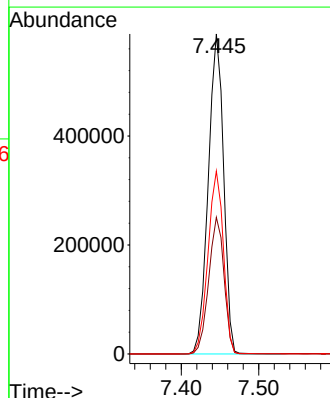
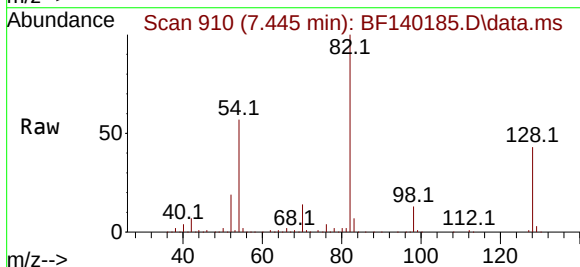
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.7	8.4	12.6
68	6.2	5.1	7.7

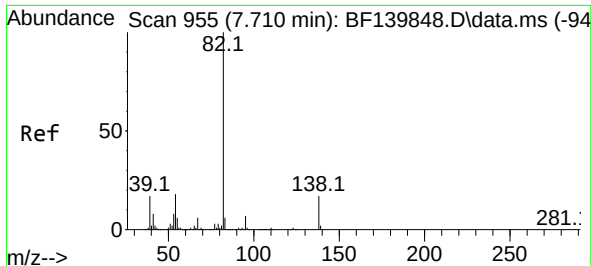


#23
Nitrobenzene-d5
Concen: 117.397 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140185.D
Acq: 31 Oct 2024 13:29

Tgt Ion: 82 Resp: 807257

Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.4	50.0
54	57.1	47.8	71.8

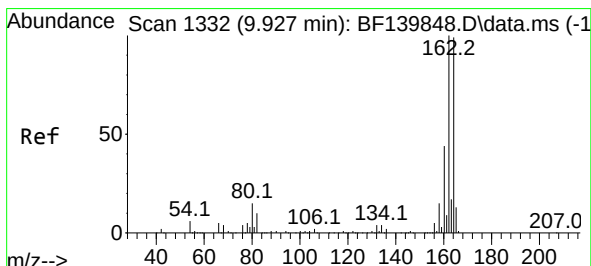
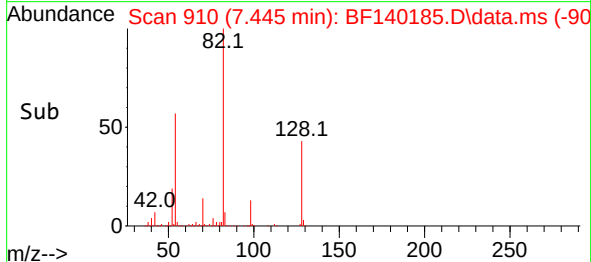
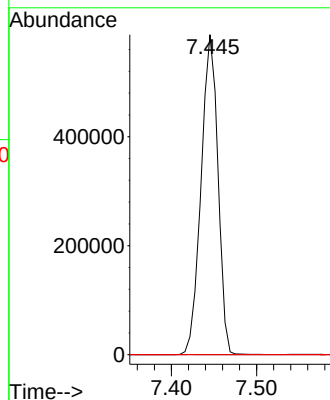
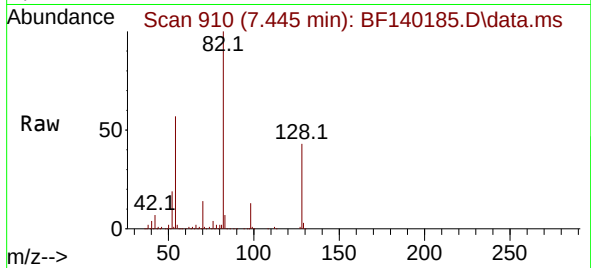




#25
Isophorone
Concen: 61.628 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF140185.D
Acq: 31 Oct 2024 13:29

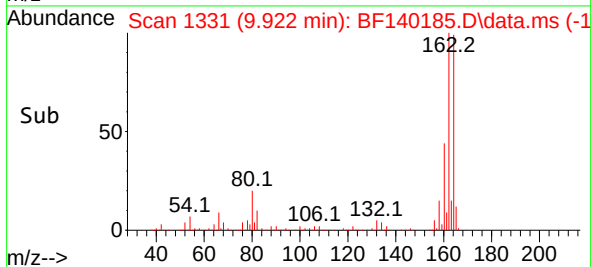
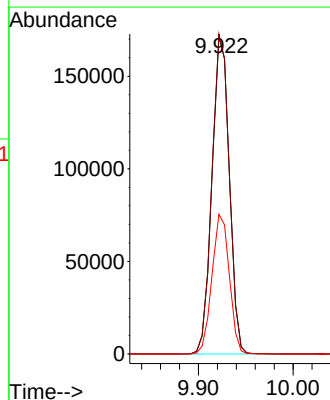
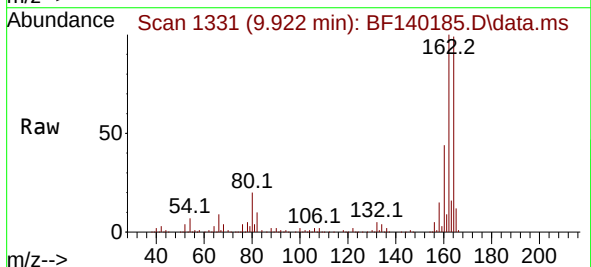
Instrument :
BNA_F
ClientSampleId :
TP-3

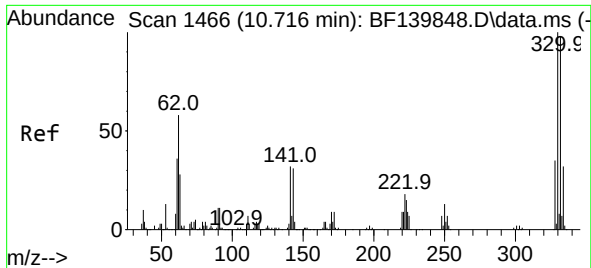
Tgt Ion: 82 Resp: 804325
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140185.D
Acq: 31 Oct 2024 13:29

Tgt Ion: 164 Resp: 217744
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.4
160 44.0 35.4 53.0

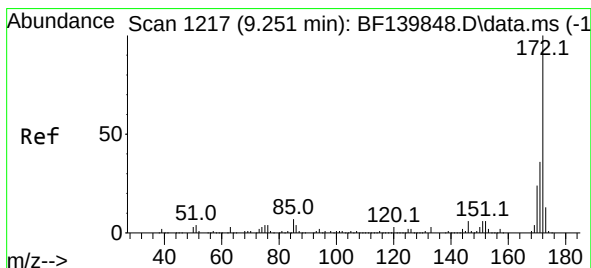
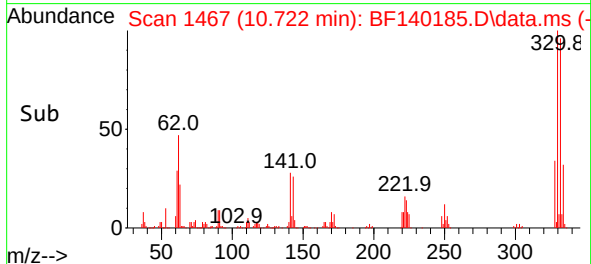
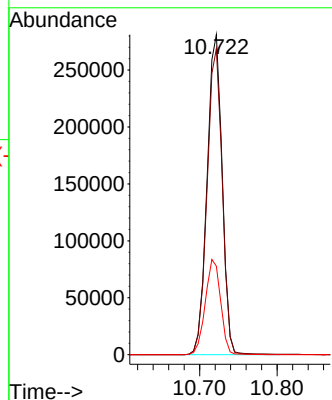
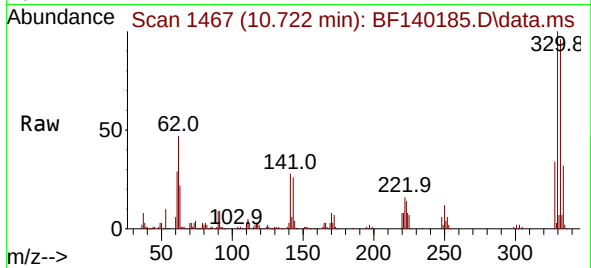




#42
2,4,6-Tribromophenol
Concen: 186.679 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140185.D
Acq: 31 Oct 2024 13:29

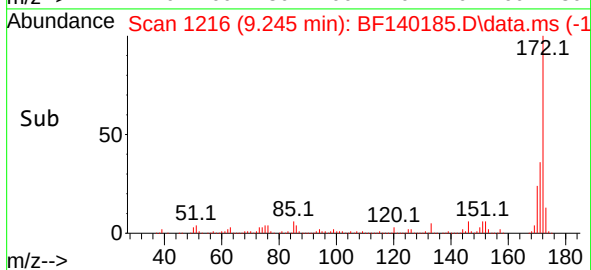
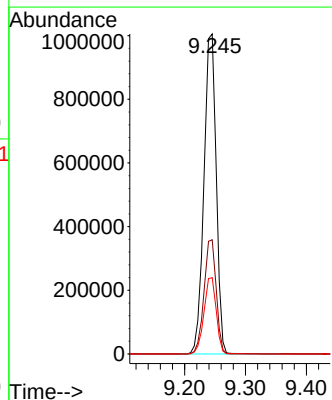
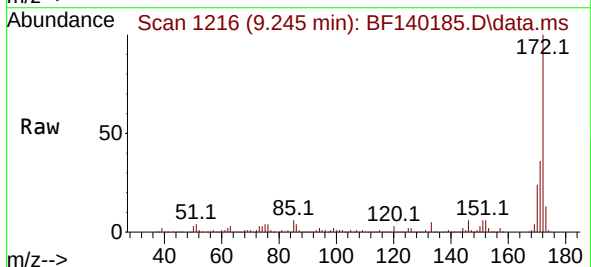
Instrument :
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ClientSampleId :
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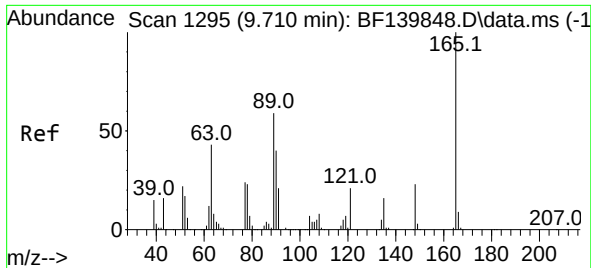
Tgt Ion:330 Resp: 380210
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 30.3 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 107.337 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140185.D
Acq: 31 Oct 2024 13:29

Tgt Ion:172 Resp: 1414178
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.8 19.1 28.7

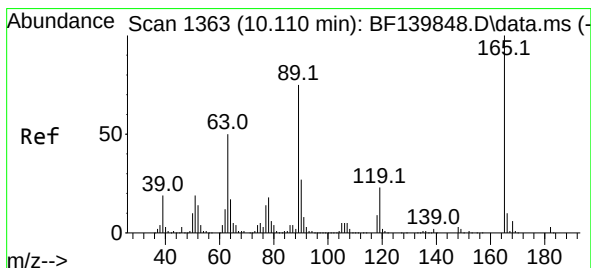
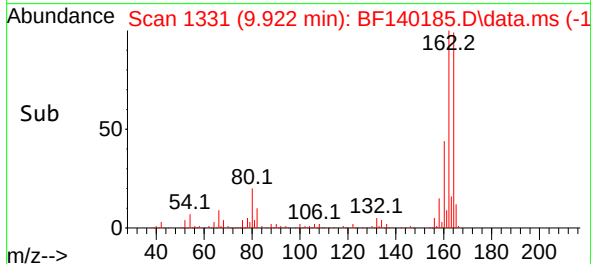
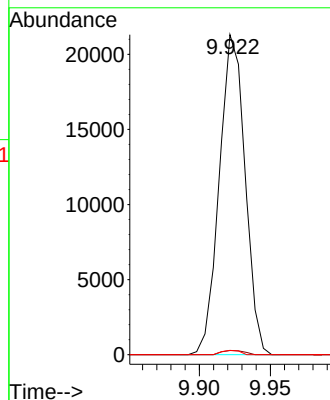
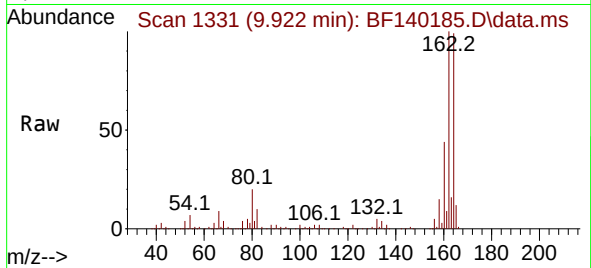




#51
2,6-Dinitrotoluene
Concen: 9.150 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140185.D
Acq: 31 Oct 2024 13:29

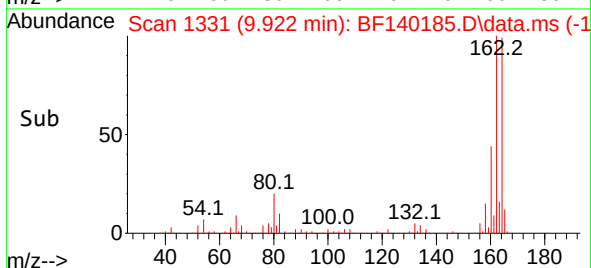
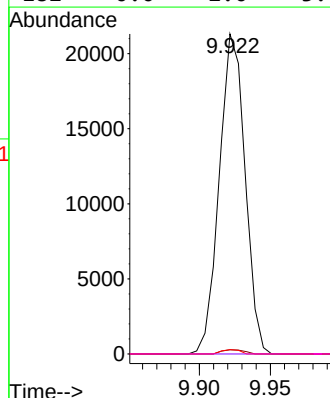
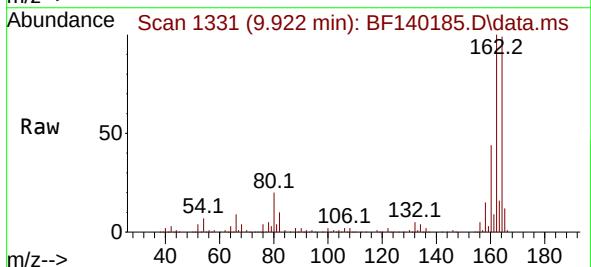
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ClientSampleId :
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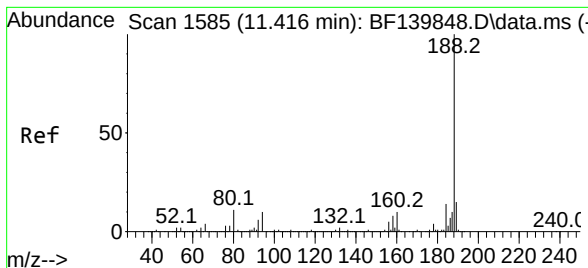
Tgt Ion:165 Resp: 26870
Ion Ratio Lower Upper
165 100
63 1.3 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.441 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140185.D
Acq: 31 Oct 2024 13:29

Tgt Ion:165 Resp: 26870
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.3 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140185.D

Acq: 31 Oct 2024 13:29

Instrument :

BNA_F

ClientSampleId :

TP-3

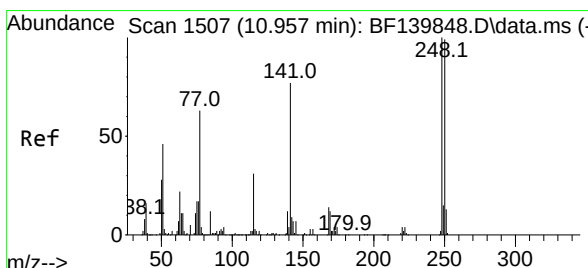
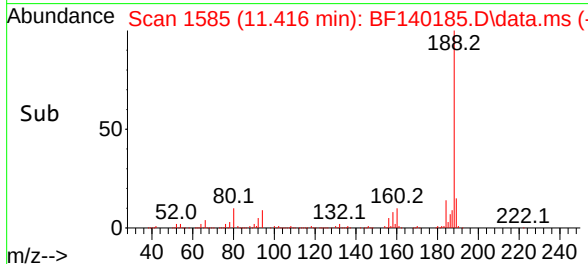
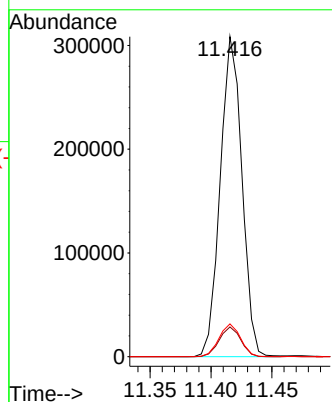
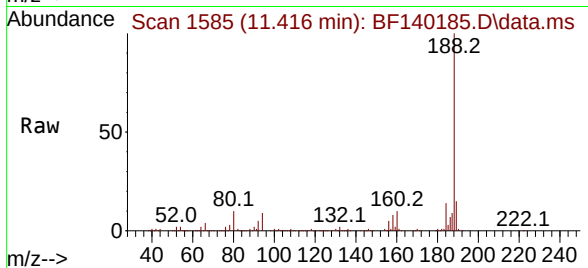
Tgt Ion:188 Resp: 382727

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 10.2 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 6.209 ng

RT: 10.722 min Scan# 1467

Delta R.T. -0.235 min

Lab File: BF140185.D

Acq: 31 Oct 2024 13:29

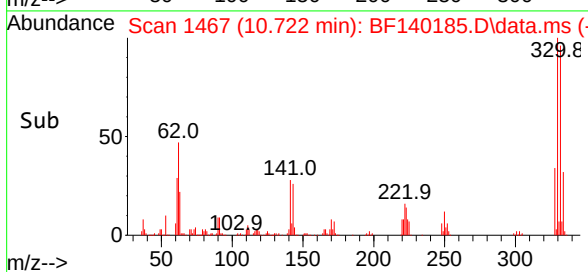
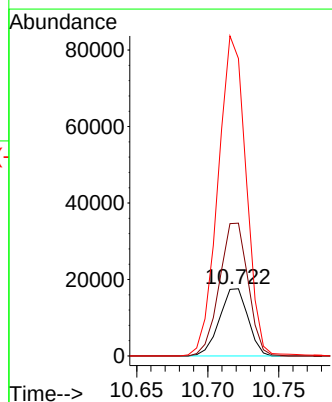
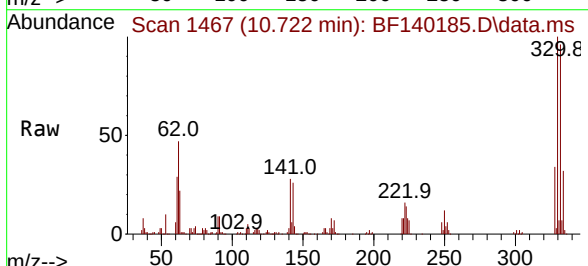
Tgt Ion:248 Resp: 24481

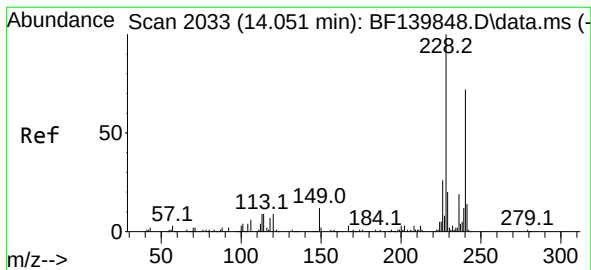
Ion Ratio Lower Upper

248 100

250 197.8 79.0 118.6#

141 442.8 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.041 min

Lab File: BF140185.D

Acq: 31 Oct 2024 13:29

Instrument :

BNA_F

ClientSampleId :

TP-3

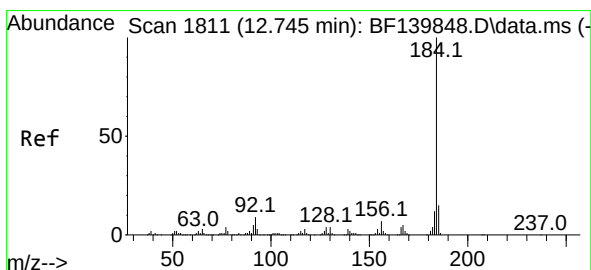
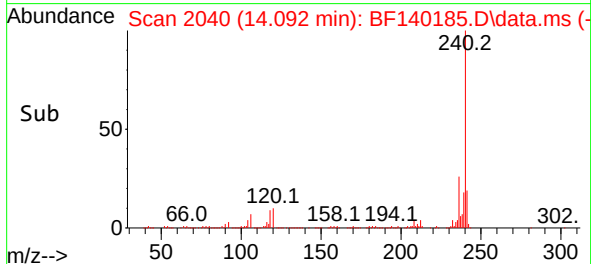
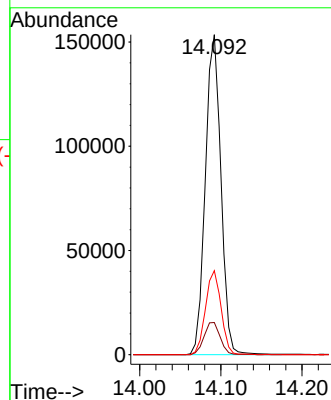
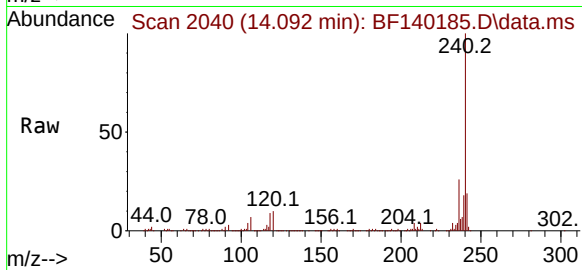
Tgt Ion:240 Resp: 204395

Ion Ratio Lower Upper

240 100

120 10.0 9.4 14.2

236 26.3 20.9 31.3



#77

Benzidine

Concen: 5.308 ng

RT: 13.015 min Scan# 1857

Delta R.T. 0.271 min

Lab File: BF140185.D

Acq: 31 Oct 2024 13:29

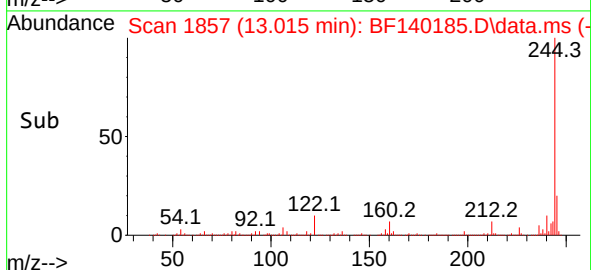
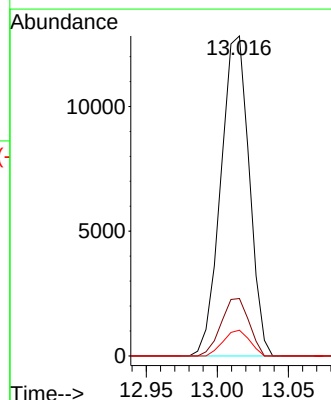
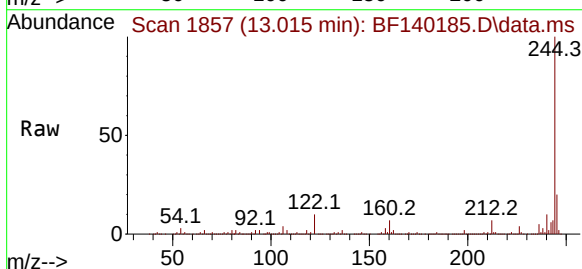
Tgt Ion:184 Resp: 17839

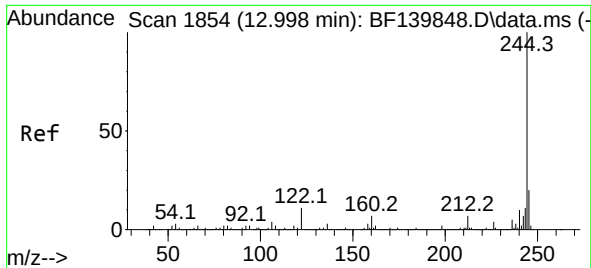
Ion Ratio Lower Upper

184 100

185 18.0 12.0 18.0

183 8.0 9.4 14.2#

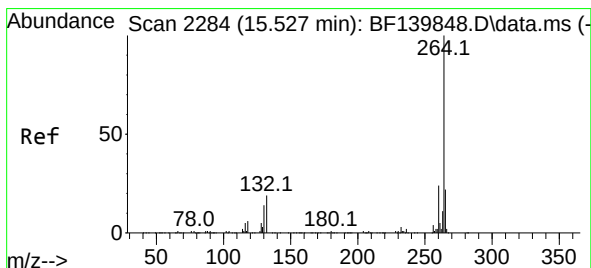
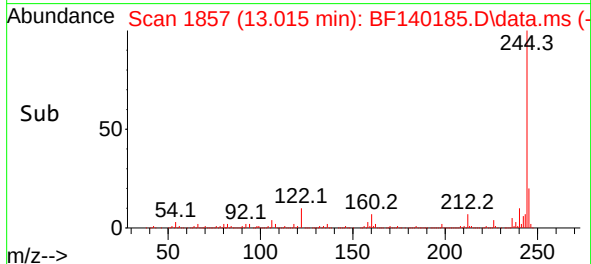
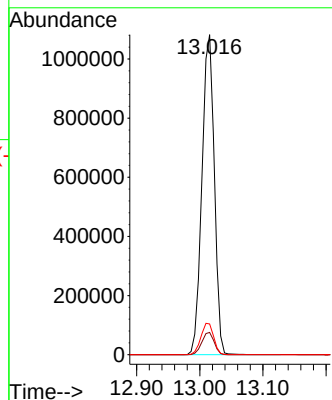
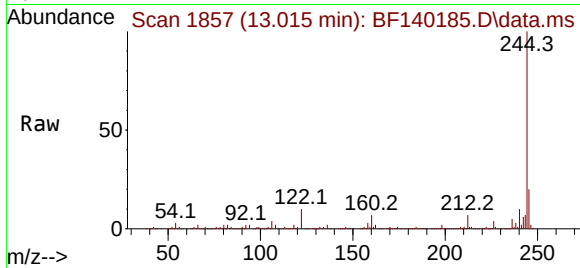




#79
 Terphenyl-d14
 Concen: 117.540 ng
 RT: 13.015 min Scan# 11
 Delta R.T. 0.018 min
 Lab File: BF140185.D
 Acq: 31 Oct 2024 13:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 1474365
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 9.6 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 2302
 Delta R.T. 0.106 min
 Lab File: BF140185.D
 Acq: 31 Oct 2024 13:29

Tgt Ion:264 Resp: 171801
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.5 17.4 26.0

