

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140129.D
 Acq On : 29 Oct 2024 22:57
 Operator : RC/JU
 Sample : P4597-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RED-1-2

Quant Time: Oct 30 01:05:40 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)

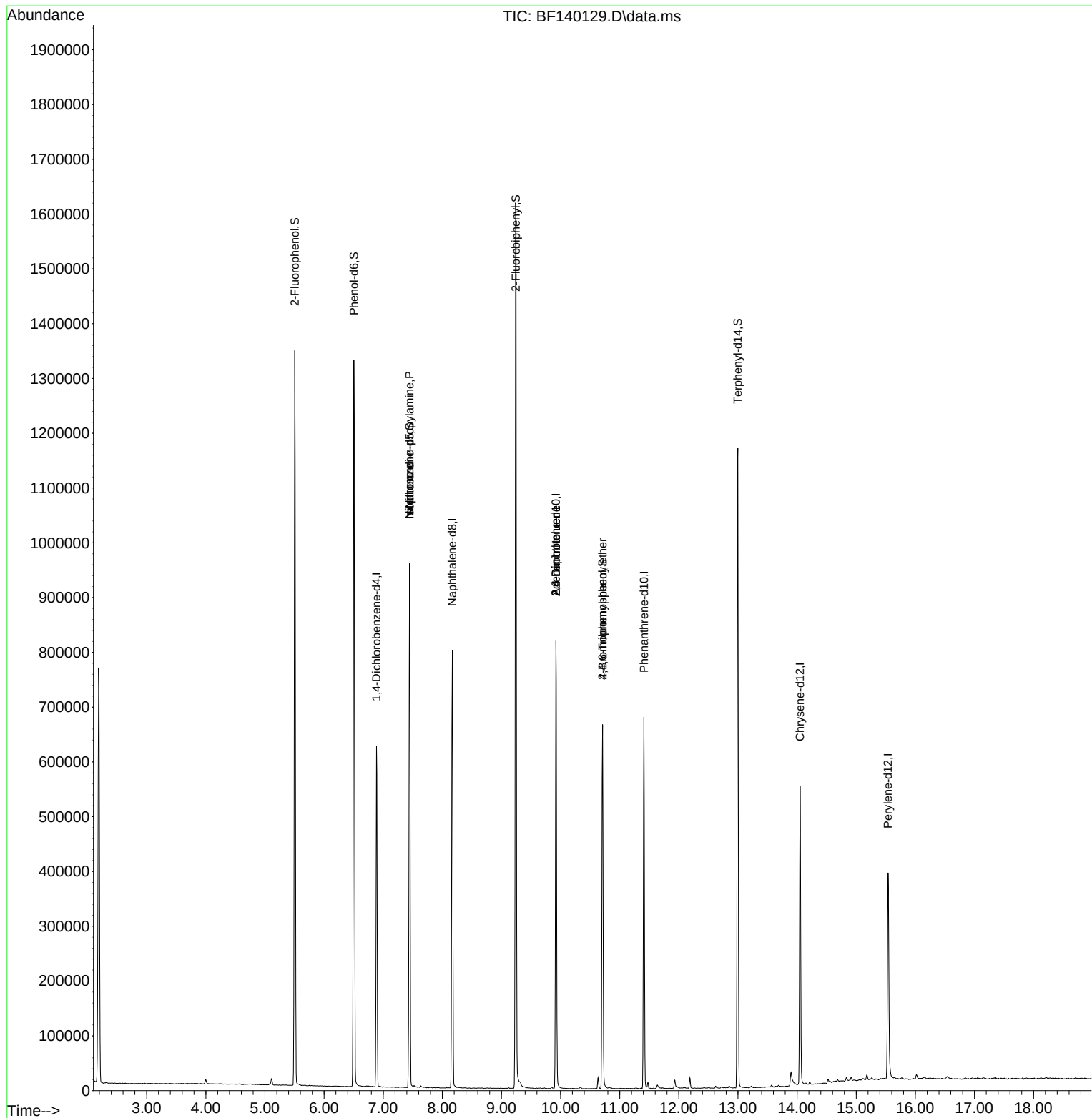
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	126824	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	480403	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	247294	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	350317	20.000	ng	0.00
76) Chrysene-d12	14.051	240	259401	20.000	ng	0.00
86) Perylene-d12	15.539	264	235722	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	473159	58.406	ng	0.00
7) Phenol-d6	6.504	99	602967	57.467	ng	0.00
23) Nitrobenzene-d5	7.445	82	408383	47.115	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	109568	47.368	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	756335	50.547	ng	0.00
79) Terphenyl-d14	12.998	244	591989	37.187	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	55087	8.657	ng	# 77
25) Isophorone	7.445	82	403983	24.556	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	32411	9.718	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	32412	7.903	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	7385	2.046	ng	# 1

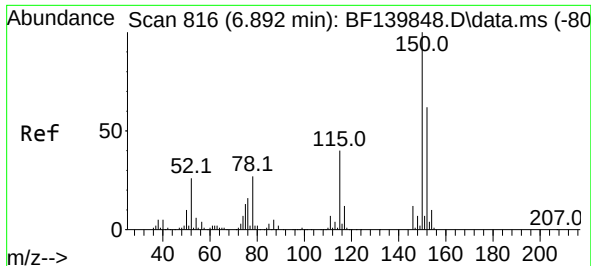
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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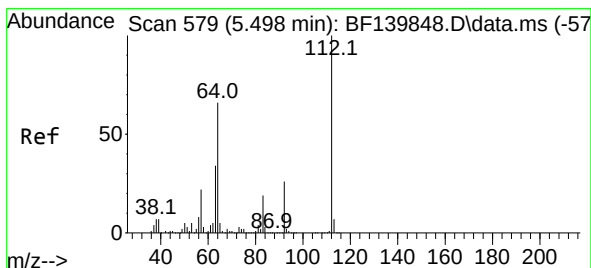
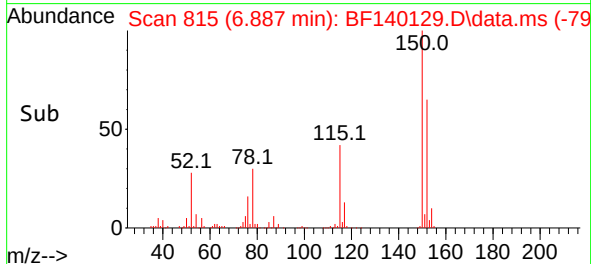
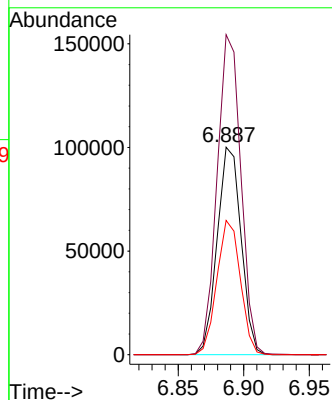
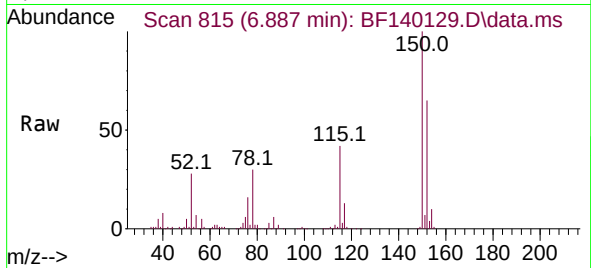




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140129.D
Acq: 29 Oct 2024 22:57

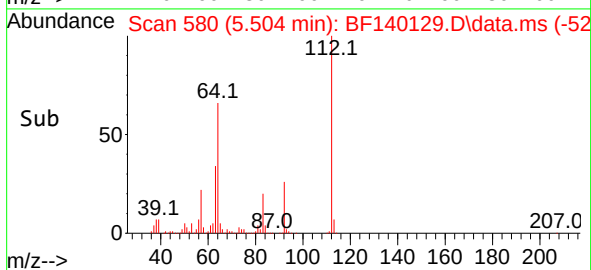
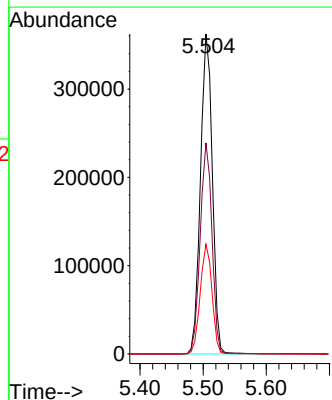
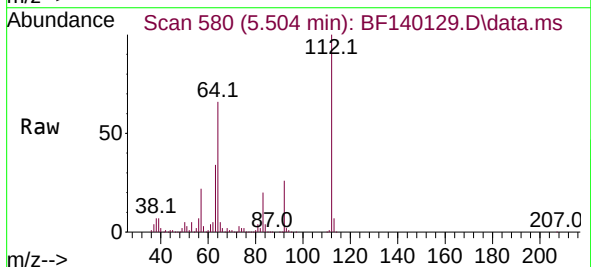
Instrument :
BNA_F
ClientSampleId :
RED-1-2

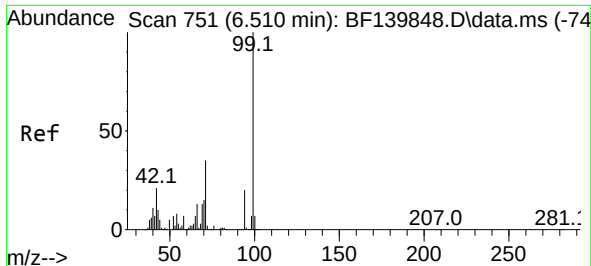
Tgt Ion:152 Resp: 126824
Ion Ratio Lower Upper
152 100
150 154.2 130.2 195.2
115 64.7 51.4 77.2



#5
2-Fluorophenol
Concen: 58.406 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140129.D
Acq: 29 Oct 2024 22:57

Tgt Ion:112 Resp: 473159
Ion Ratio Lower Upper
112 100
64 65.9 53.0 79.6
63 34.3 27.0 40.4





#7
Phenol-d6
Concen: 57.467 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140129.D
Acq: 29 Oct 2024 22:57

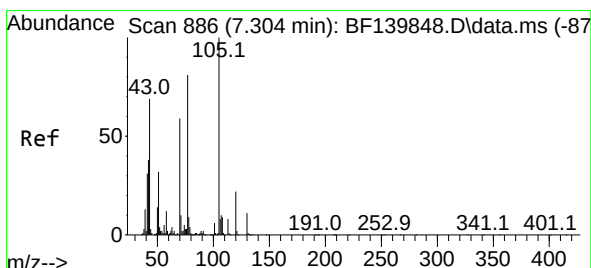
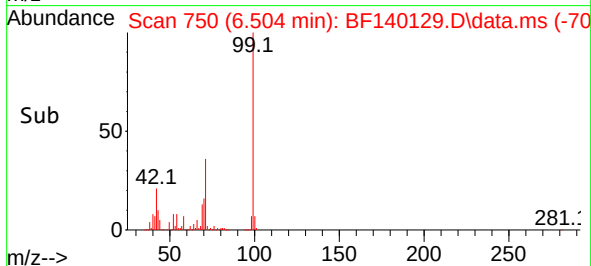
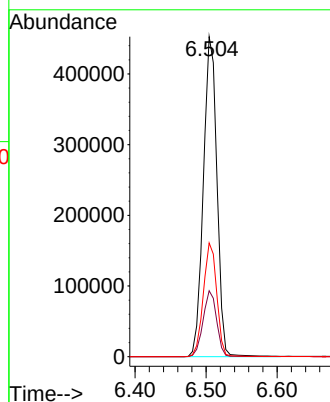
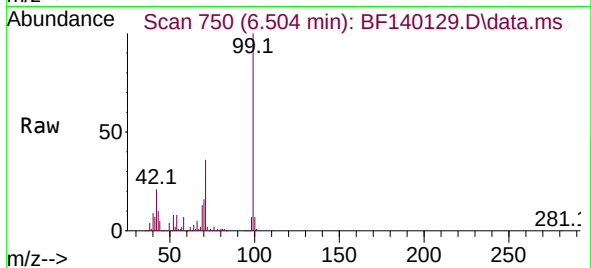
Instrument :

BNA_F

ClientSampleId :

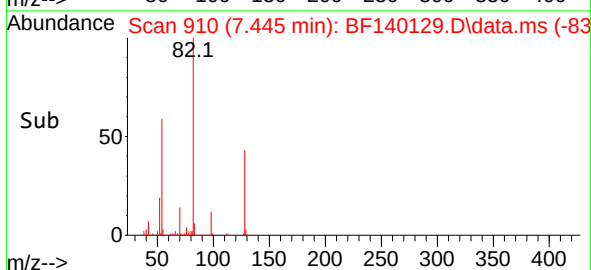
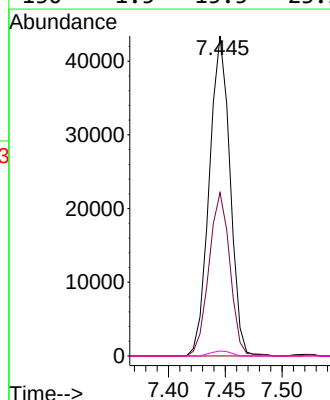
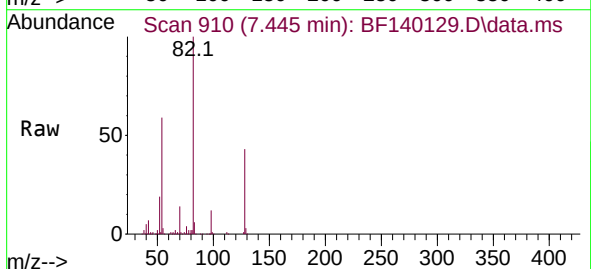
RED-1-2

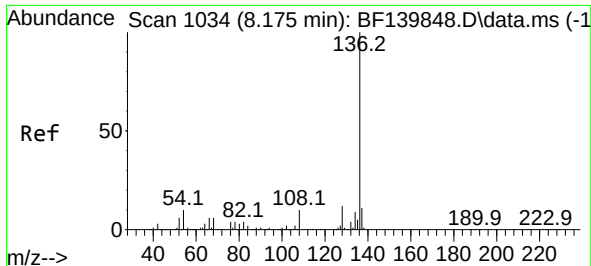
Tgt Ion: 99 Resp: 602967
Ion Ratio Lower Upper
99 100
42 20.6 16.7 25.1
71 35.6 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 8.657 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140129.D
Acq: 29 Oct 2024 22:57

Tgt Ion: 70 Resp: 55087
Ion Ratio Lower Upper
70 100
42 51.1 51.5 77.3#
101 0.0 7.5 11.3#
130 1.5 15.5 23.3#



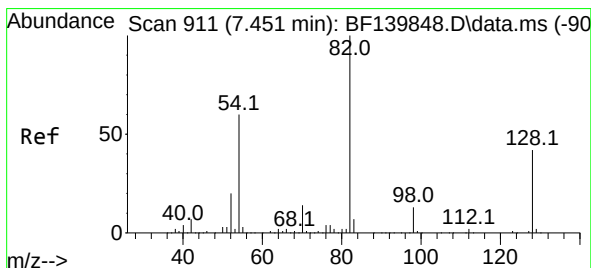
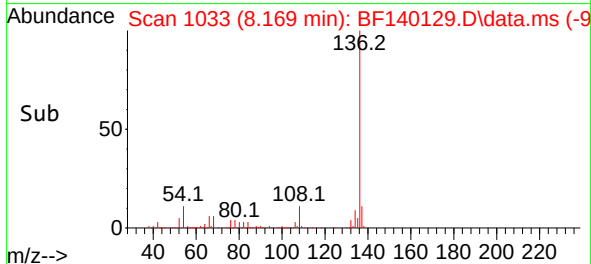
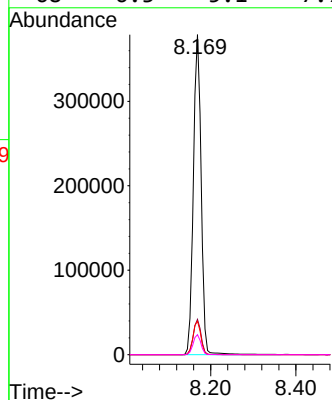
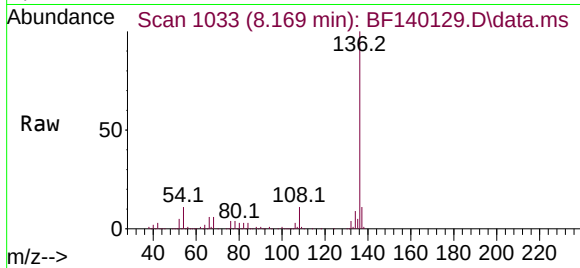


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140129.D
Acq: 29 Oct 2024 22:57

Instrument :
BNA_F
ClientSampleId :
RED-1-2

Tgt Ion:136 Resp: 480403

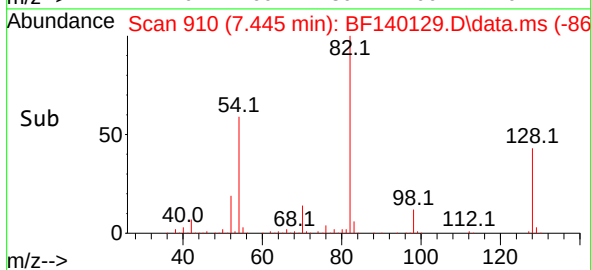
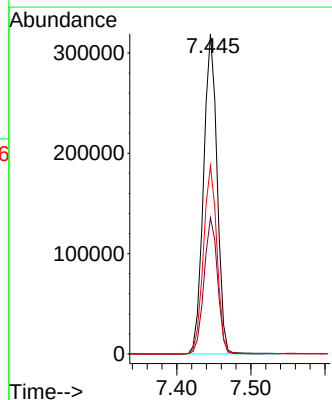
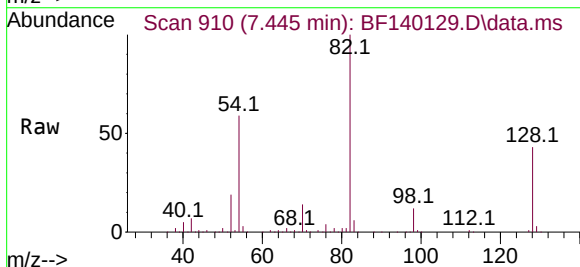
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.5	8.4	12.6
68	6.3	5.1	7.7

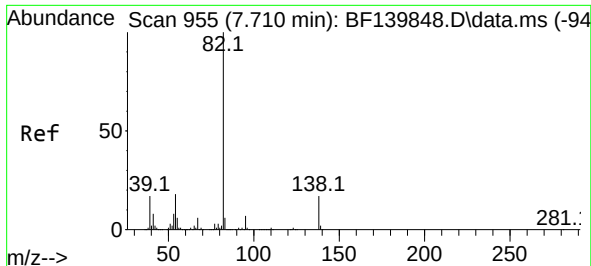


#23
Nitrobenzene-d5
Concen: 47.115 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140129.D
Acq: 29 Oct 2024 22:57

Tgt Ion: 82 Resp: 408383

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.4	50.0
54	58.8	47.8	71.8

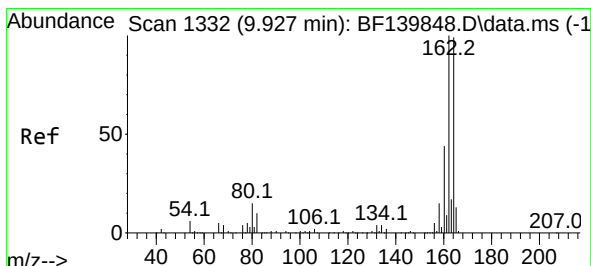
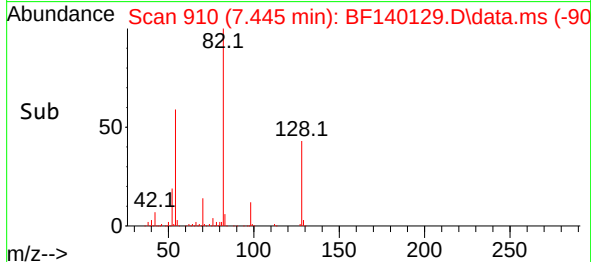
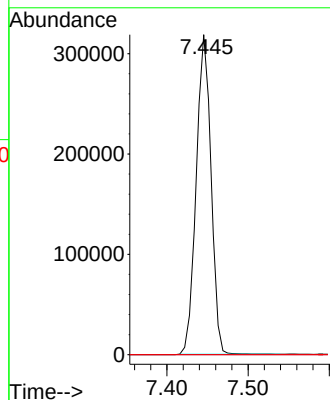
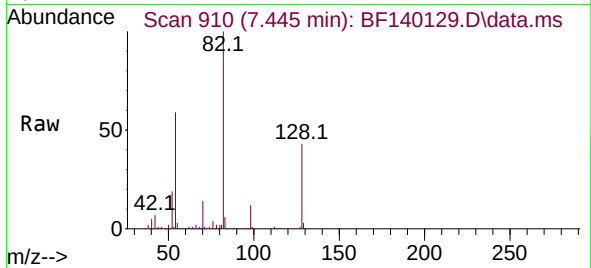




#25
Isophorone
Concen: 24.556 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF140129.D
Acq: 29 Oct 2024 22:57

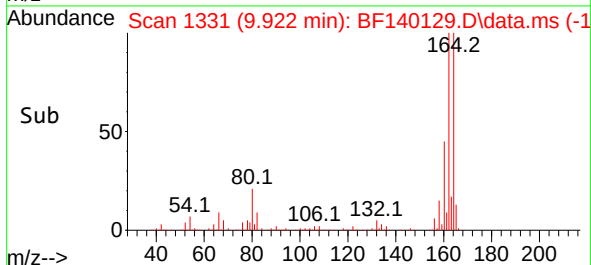
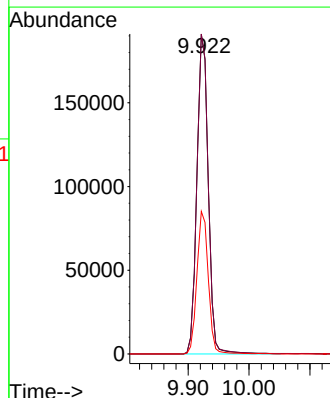
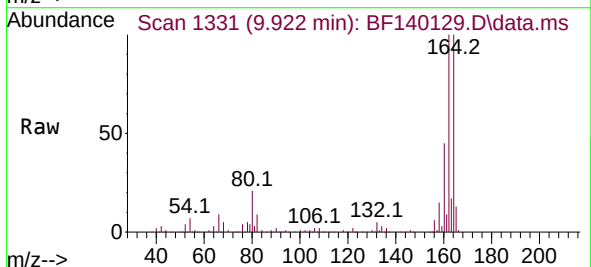
Instrument :
BNA_F
ClientSampleId :
RED-1-2

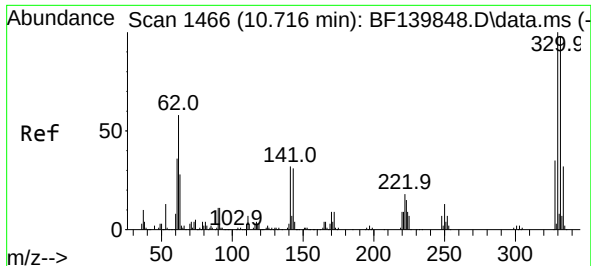
Tgt Ion: 82 Resp: 403983
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140129.D
Acq: 29 Oct 2024 22:57

Tgt Ion: 164 Resp: 247294
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.4
160 44.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 47.368 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140129.D

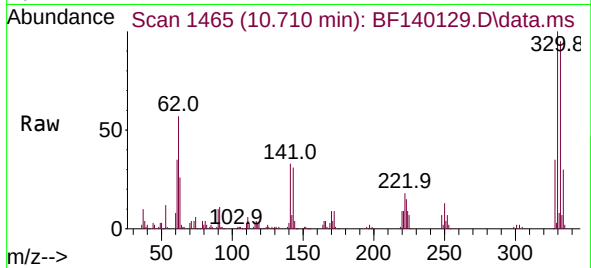
Acq: 29 Oct 2024 22:57

Instrument :

BNA_F

ClientSampleId :

RED-1-2



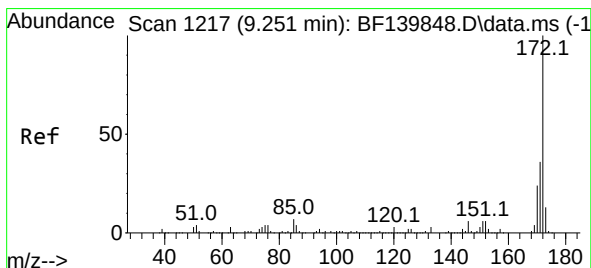
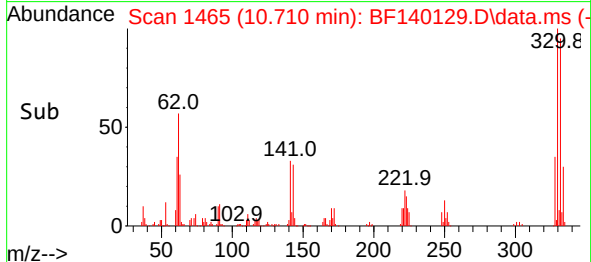
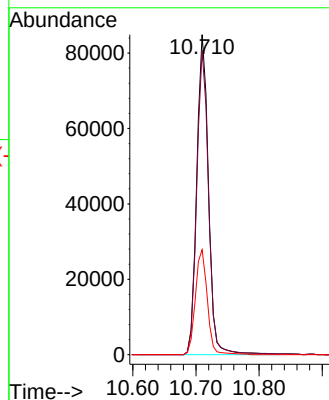
Tgt Ion:330 Resp: 109568

Ion Ratio Lower Upper

330 100

332 95.9 78.1 117.1

141 33.2 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 50.547 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140129.D

Acq: 29 Oct 2024 22:57

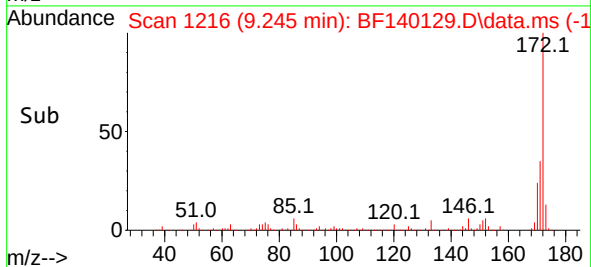
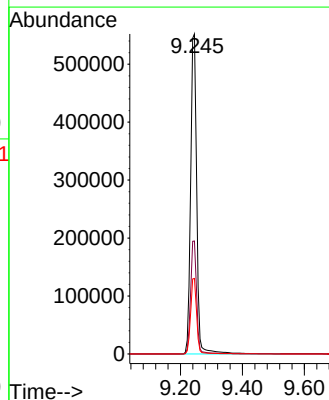
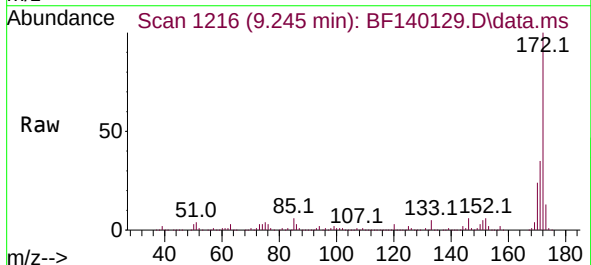
Tgt Ion:172 Resp: 756335

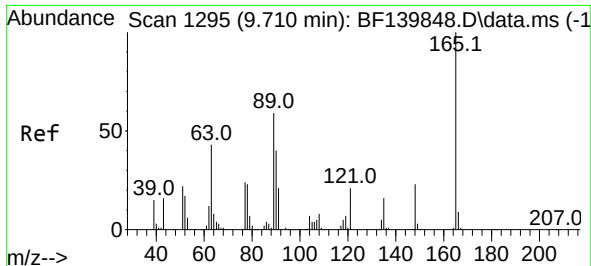
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.6 19.1 28.7

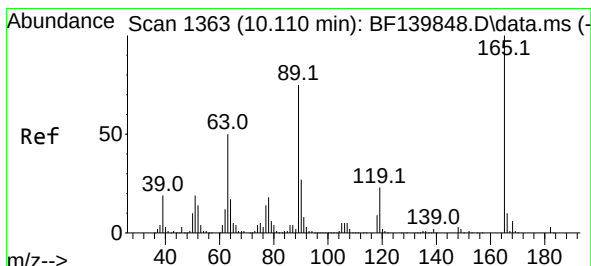
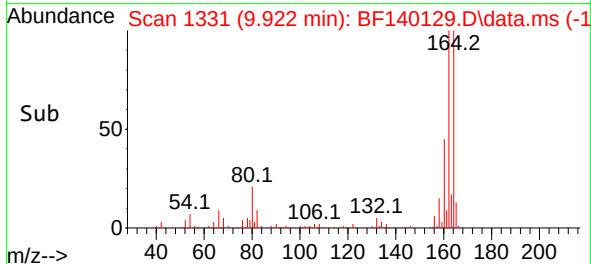
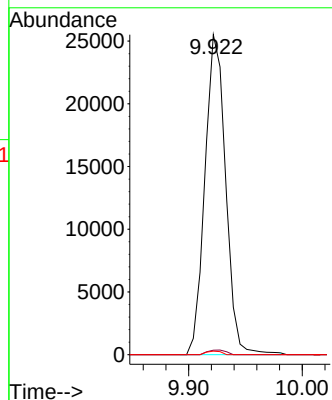
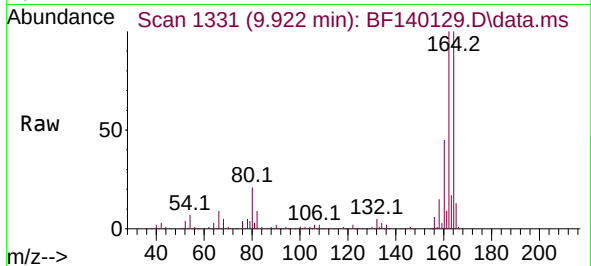




#51
2,6-Dinitrotoluene
Concen: 9.718 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140129.D
Acq: 29 Oct 2024 22:57

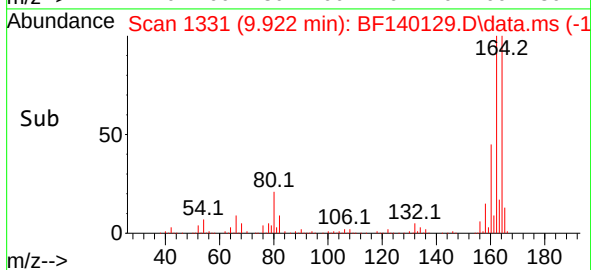
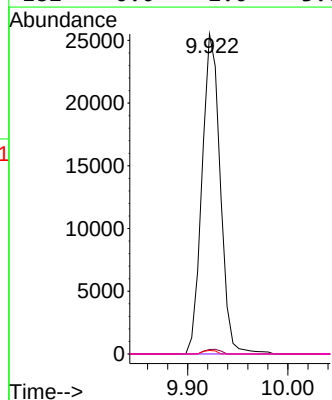
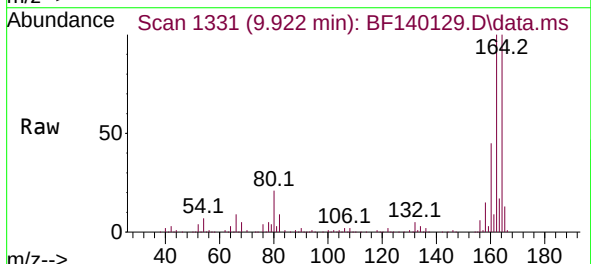
Instrument :
BNA_F
ClientSampleId :
RED-1-2

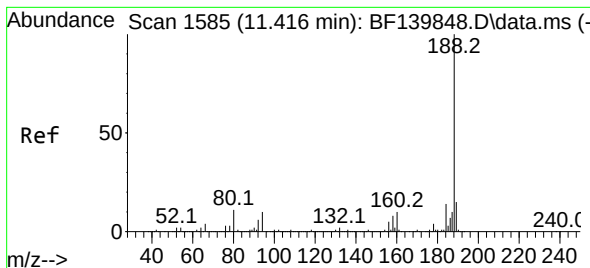
Tgt Ion:165 Resp: 32411
Ion Ratio Lower Upper
165 100
63 1.4 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.903 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140129.D
Acq: 29 Oct 2024 22:57

Tgt Ion:165 Resp: 32412
Ion Ratio Lower Upper
165 100
63 1.4 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140129.D

Acq: 29 Oct 2024 22:57

Instrument :

BNA_F

ClientSampleId :

RED-1-2

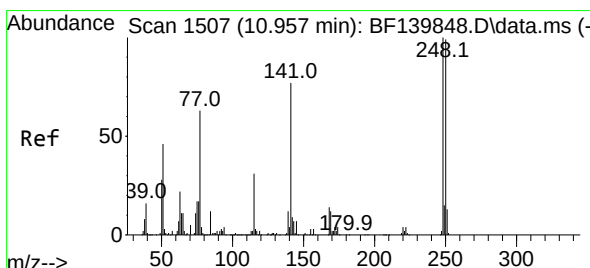
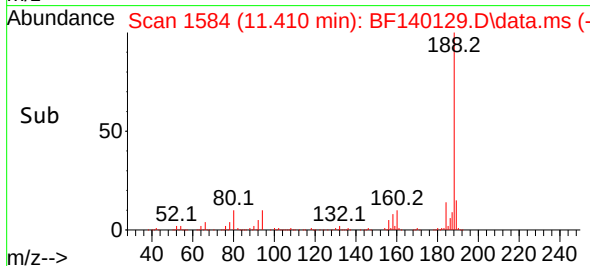
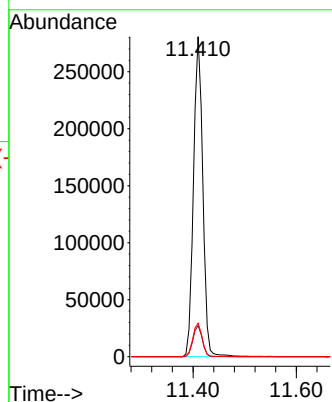
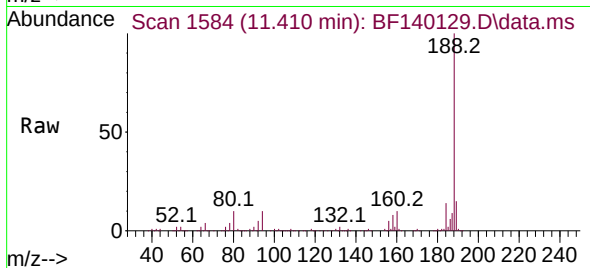
Tgt Ion:188 Resp: 350317

Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

80 10.5 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 2.046 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF140129.D

Acq: 29 Oct 2024 22:57

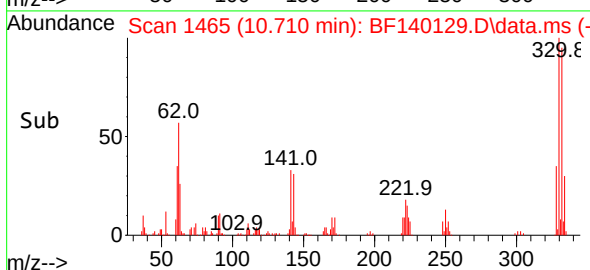
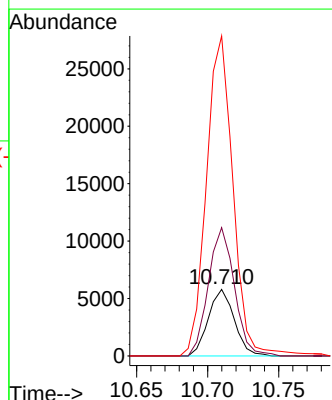
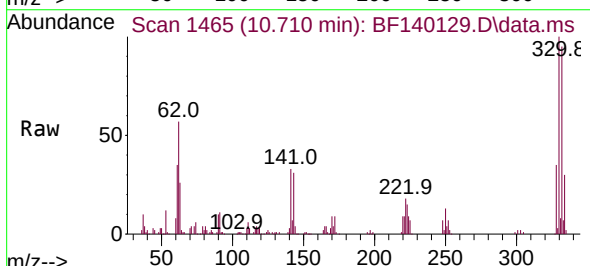
Tgt Ion:248 Resp: 7385

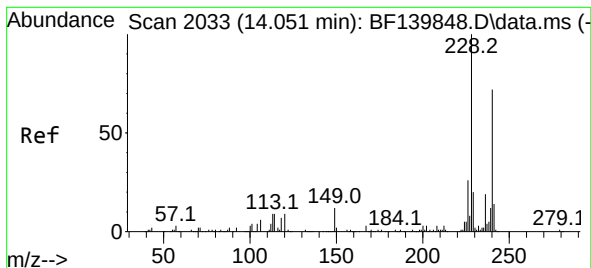
Ion Ratio Lower Upper

248 100

250 192.7 79.0 118.6#

141 480.4 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140129.D

Acq: 29 Oct 2024 22:57

Instrument :

BNA_F

ClientSampleId :

RED-1-2

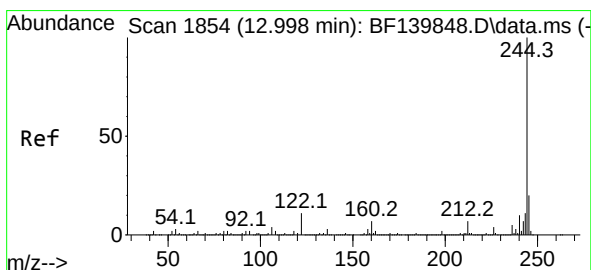
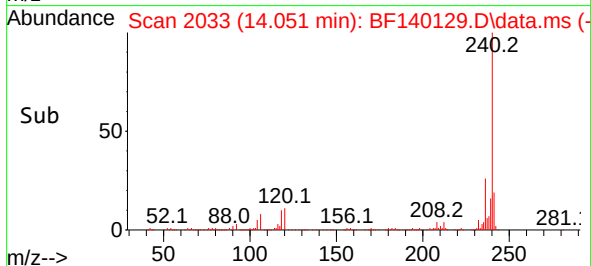
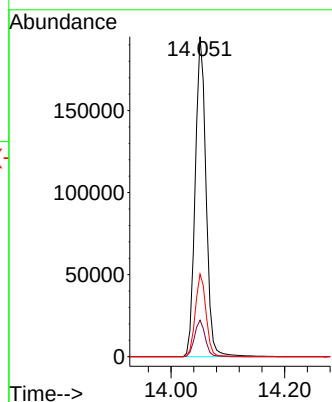
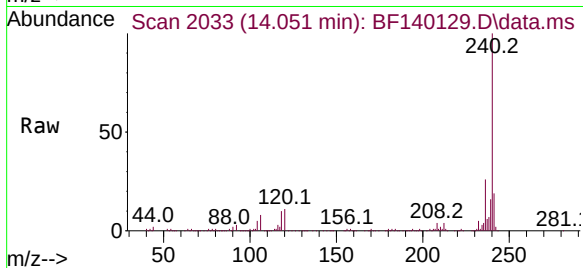
Tgt Ion:240 Resp: 259401

Ion Ratio Lower Upper

240 100

120 11.4 9.4 14.2

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 37.187 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140129.D

Acq: 29 Oct 2024 22:57

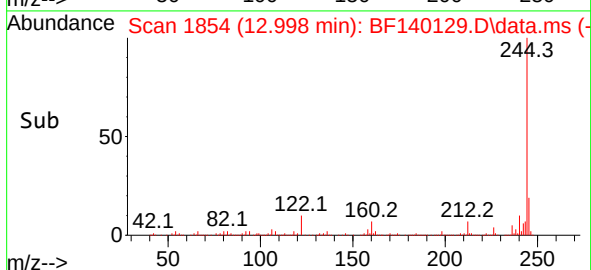
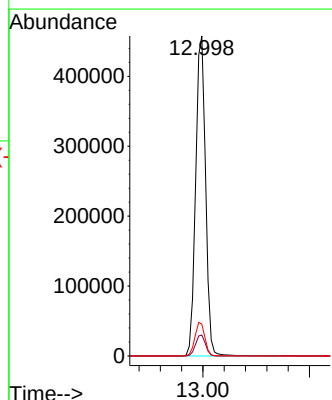
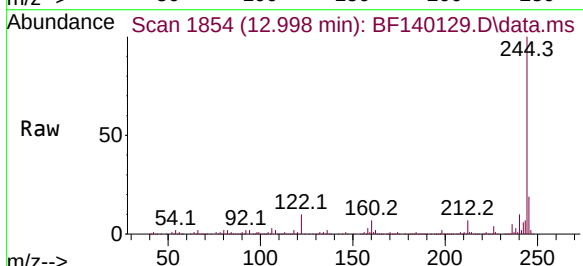
Tgt Ion:244 Resp: 591989

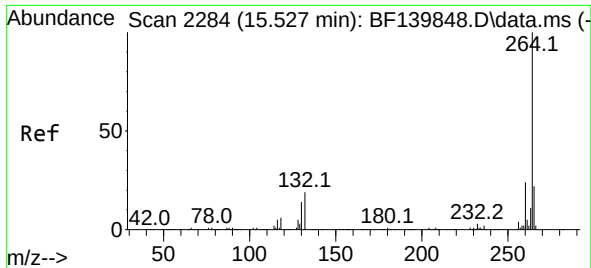
Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 10.0 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140129.D
Acq: 29 Oct 2024 22:57

Instrument :
BNA_F
ClientSampleId :
RED-1-2

Tgt Ion:264 Resp: 235722

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.4	17.4	26.0

