

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
 Data File : BF140083.D
 Acq On : 28 Oct 2024 13:23
 Operator : RC/JU
 Sample : P4561-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-18

Quant Time: Oct 28 14:01:38 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)

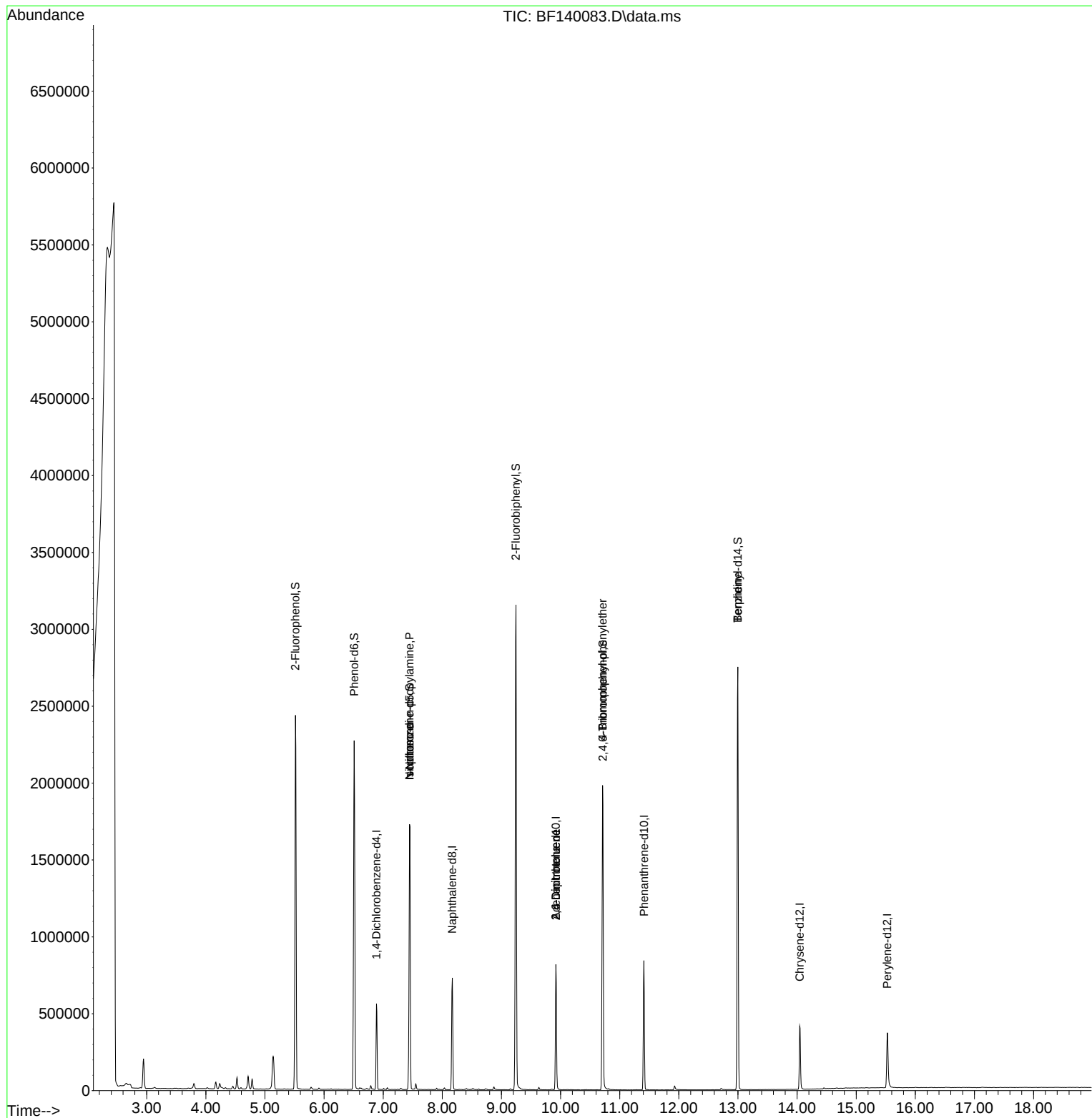
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	113132	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	442120	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	247403	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	435938	20.000	ng	0.00
76) Chrysene-d12	14.045	240	213605	20.000	ng	0.00
86) Perylene-d12	15.527	264	242121	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	935509	129.453	ng	0.02
7) Phenol-d6	6.510	99	1110306	118.627	ng	0.00
23) Nitrobenzene-d5	7.445	82	825573	103.493	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	369410	159.632	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1490825	99.590	ng	0.00
79) Terphenyl-d14	12.998	244	1410730	107.617	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	111905	19.713	ng	# 77
25) Isophorone	7.445	82	820117	54.167	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	30558	9.158	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	30558	7.447	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	23612	5.258	ng	# 1
77) Benzidine	12.998	184	17172	4.889	ng	# 93

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

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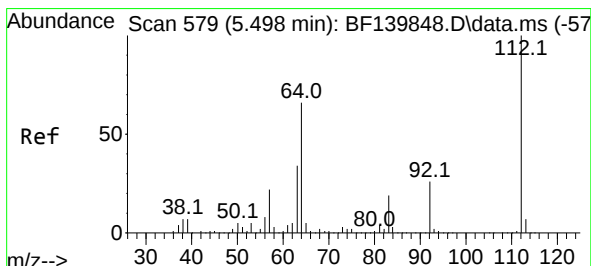
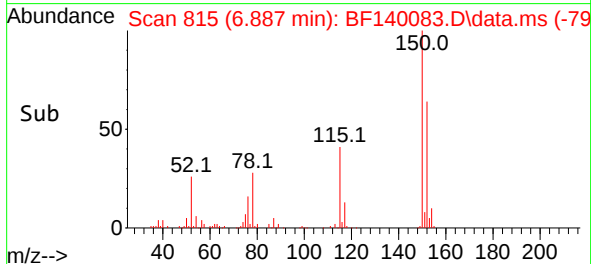
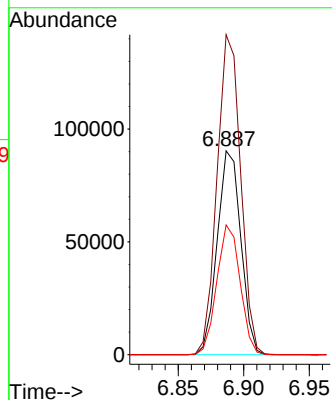
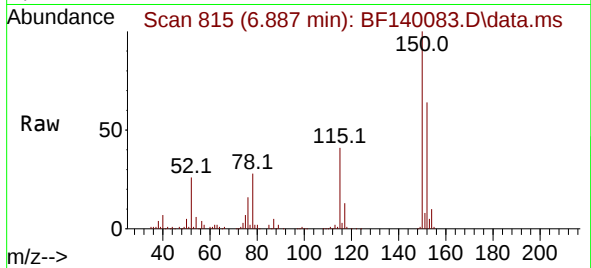




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140083.D
Acq: 28 Oct 2024 13:23

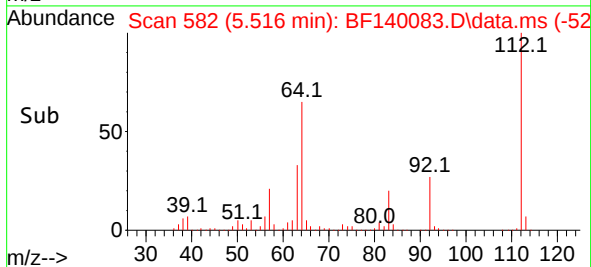
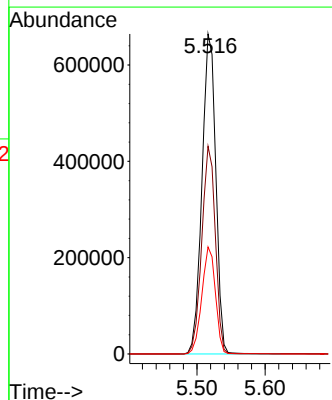
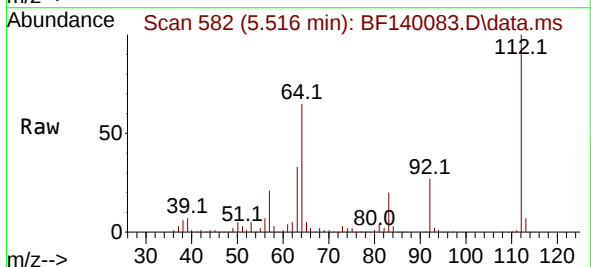
Instrument :
BNA_F
ClientSampleId :
BP-F-18

Tgt Ion:152 Resp: 113132
Ion Ratio Lower Upper
152 100
150 157.0 130.2 195.2
115 63.7 51.4 77.2



#5
2-Fluorophenol
Concen: 129.453 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140083.D
Acq: 28 Oct 2024 13:23

Tgt Ion:112 Resp: 935509
Ion Ratio Lower Upper
112 100
64 64.9 53.0 79.6
63 33.4 27.0 40.4



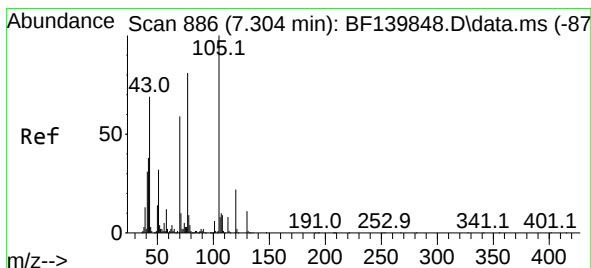
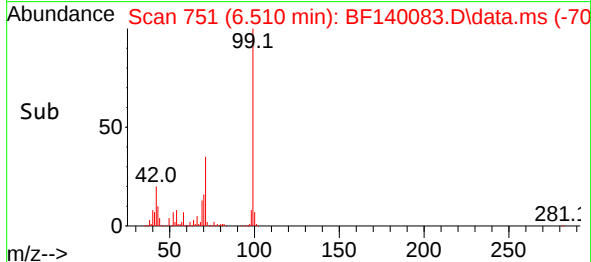
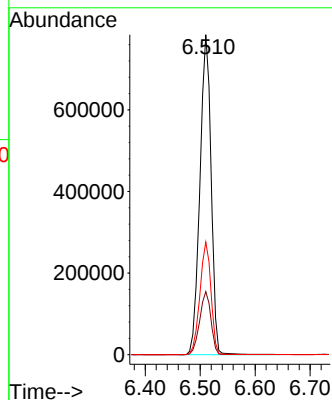
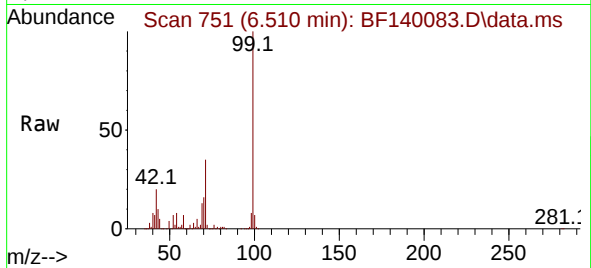


#7
Phenol-d6
Concen: 118.627 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF140083.D
Acq: 28 Oct 2024 13:23

Instrument :
BNA_F
ClientSampleId :
BP-F-18

Tgt Ion: 99 Resp: 1110306

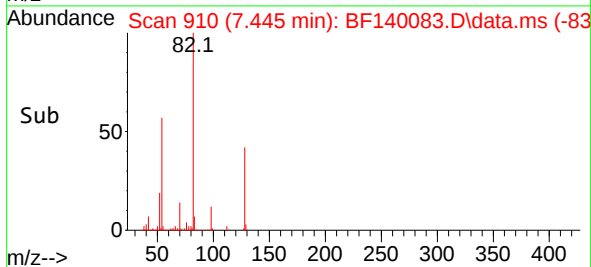
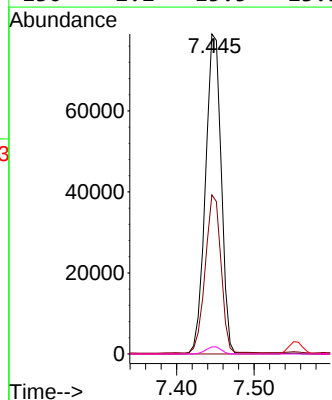
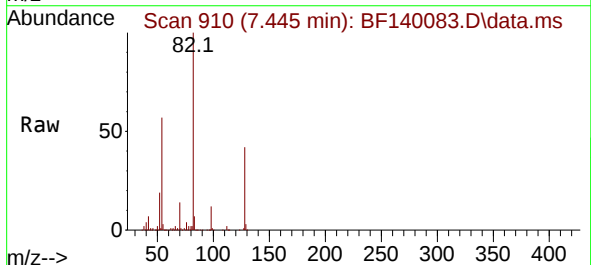
Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.7	25.1
71	35.2	27.7	41.5

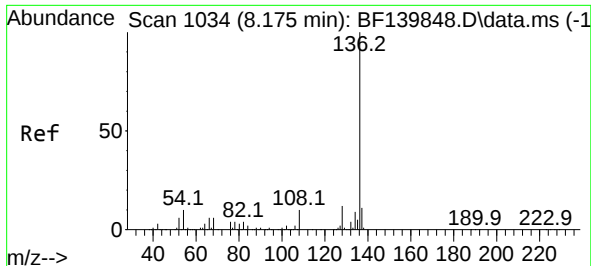


#19
n-Nitroso-di-n-propylamine
Concen: 19.713 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140083.D
Acq: 28 Oct 2024 13:23

Tgt Ion: 70 Resp: 111905

Ion	Ratio	Lower	Upper
70	100		
42	49.7	51.5	77.3#
101	0.0	7.5	11.3#
130	2.2	15.5	23.3#



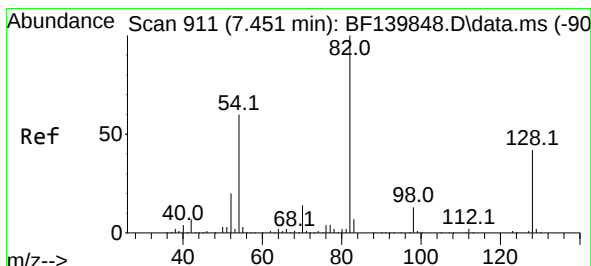
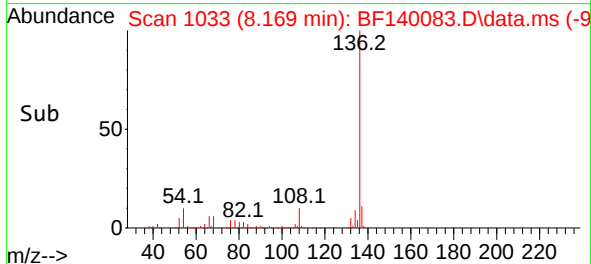
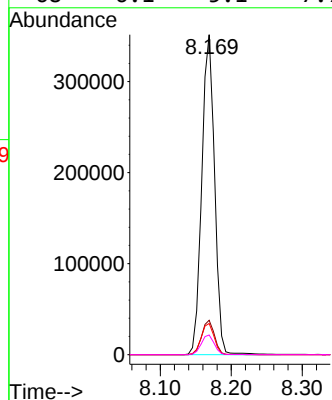
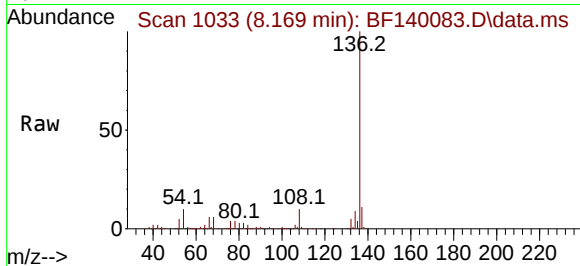


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140083.D
Acq: 28 Oct 2024 13:23

Instrument :
BNA_F
ClientSampleId :
BP-F-18

Tgt Ion:136 Resp: 442120

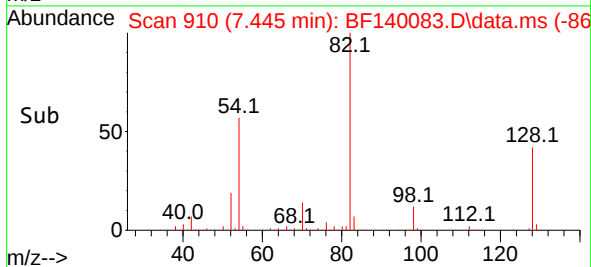
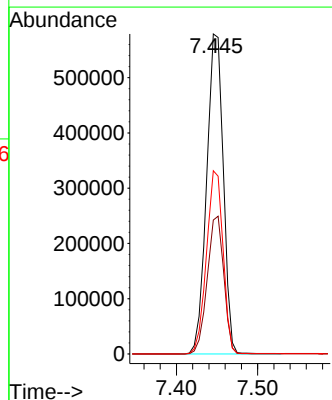
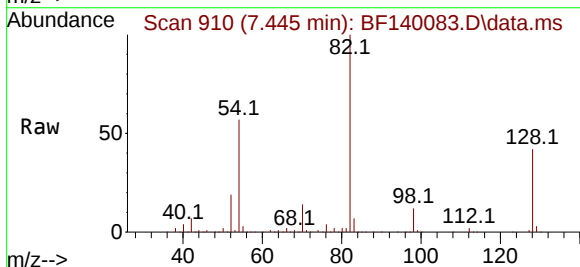
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.8	8.4	12.6
68	6.1	5.1	7.7

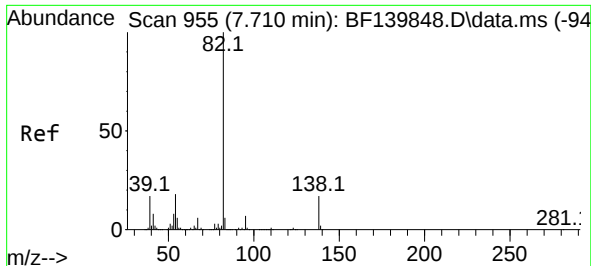


#23
Nitrobenzene-d5
Concen: 103.493 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140083.D
Acq: 28 Oct 2024 13:23

Tgt Ion: 82 Resp: 825573

Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.4	50.0
54	57.3	47.8	71.8

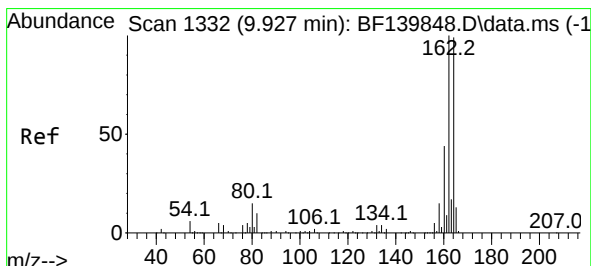
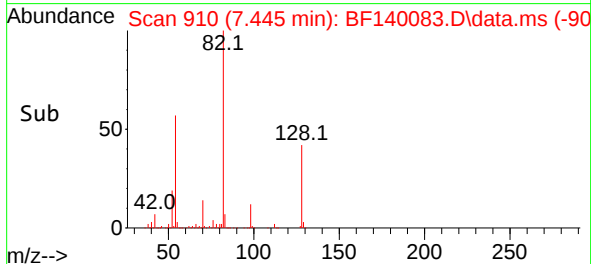
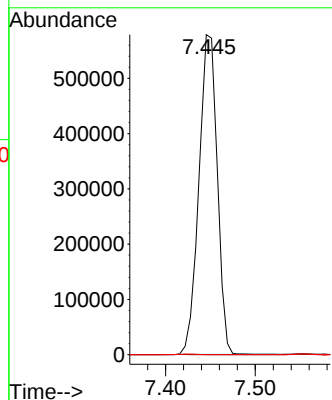
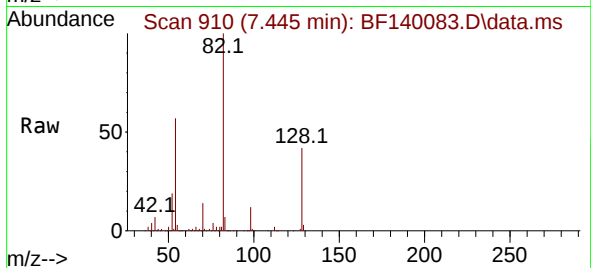




#25
Isophorone
Concen: 54.167 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140083.D
Acq: 28 Oct 2024 13:23

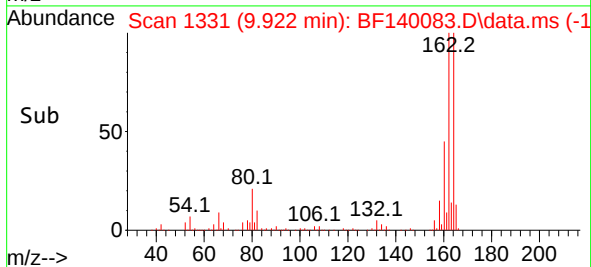
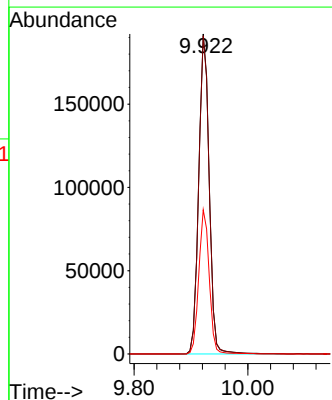
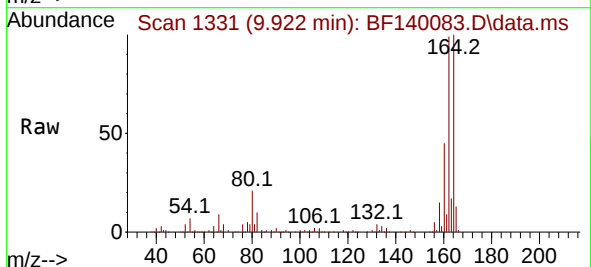
Instrument :
BNA_F
ClientSampleId :
BP-F-18

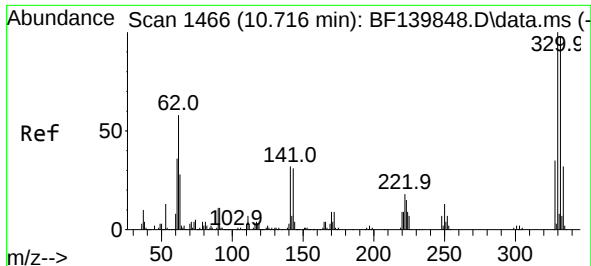
Tgt Ion: 82 Resp: 820117
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140083.D
Acq: 28 Oct 2024 13:23

Tgt Ion:164 Resp: 247403
Ion Ratio Lower Upper
164 100
162 99.4 81.0 121.4
160 45.0 35.4 53.0

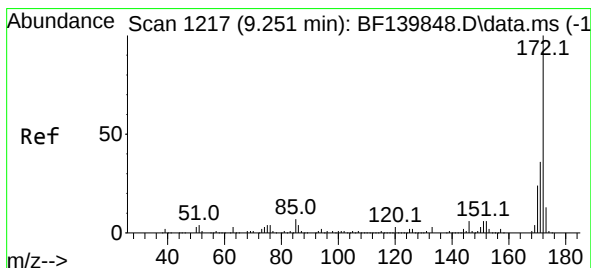
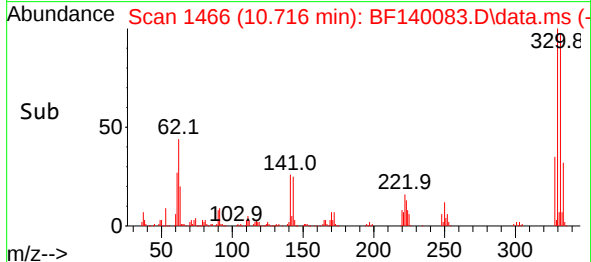
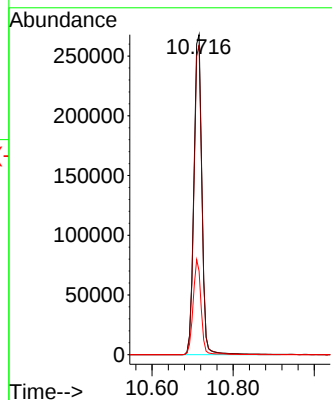
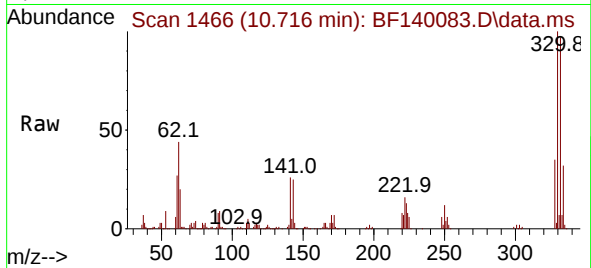




#42
2,4,6-Tribromophenol
Concen: 159.632 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140083.D
Acq: 28 Oct 2024 13:23

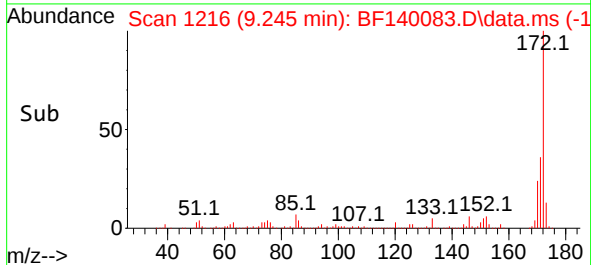
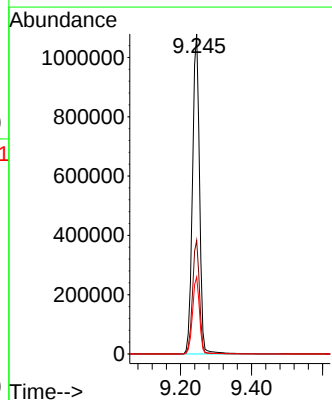
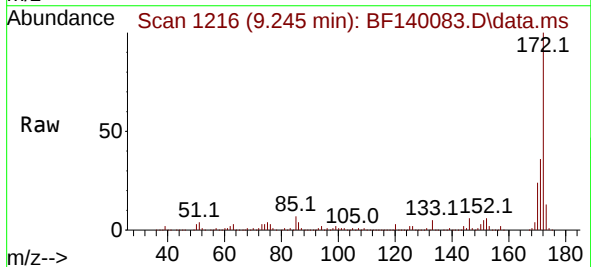
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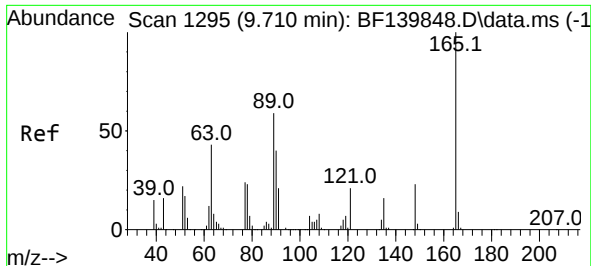
Tgt Ion:330 Resp: 369410
Ion Ratio Lower Upper
330 100
332 96.2 78.1 117.1
141 29.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 99.590 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140083.D
Acq: 28 Oct 2024 13:23

Tgt Ion:172 Resp: 1490825
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 24.0 19.1 28.7

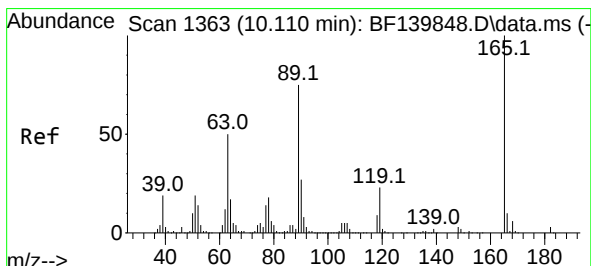
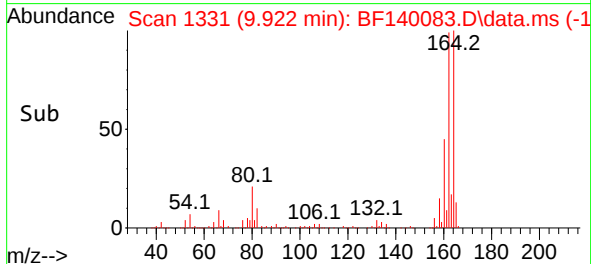
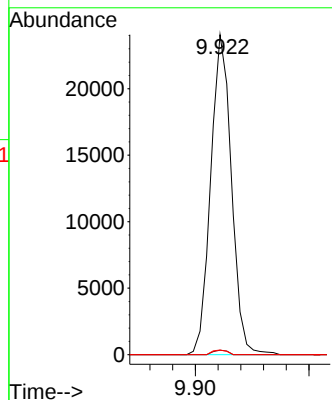
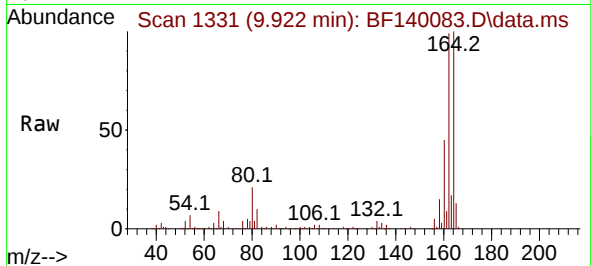




#51
2,6-Dinitrotoluene
Concen: 9.158 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140083.D
Acq: 28 Oct 2024 13:23

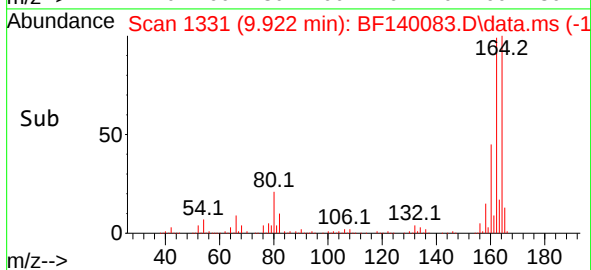
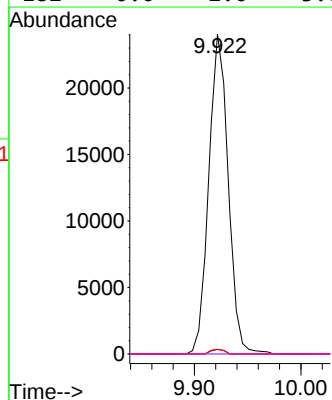
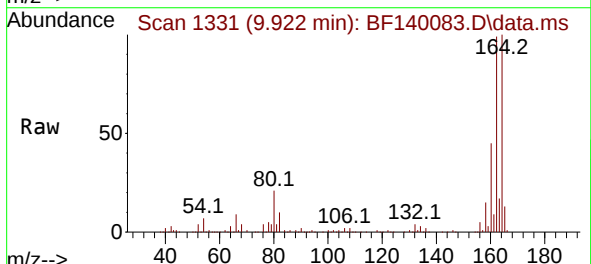
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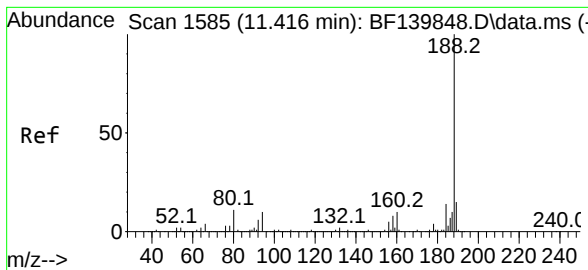
Tgt Ion:165 Resp: 30558
Ion Ratio Lower Upper
165 100
63 1.4 50.6 75.8#
89 1.4 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.447 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140083.D
Acq: 28 Oct 2024 13:23

Tgt Ion:165 Resp: 30558
Ion Ratio Lower Upper
165 100
63 1.4 40.1 60.1#
89 1.4 60.4 90.6#
182 0.0 2.0 3.0#

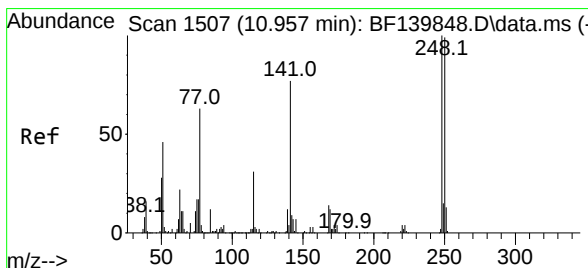
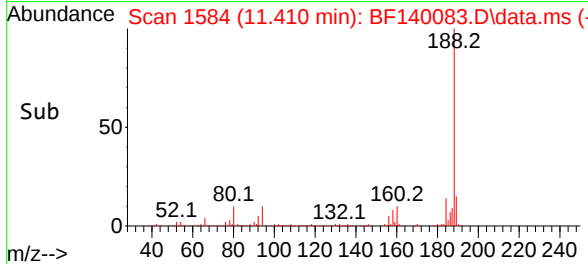
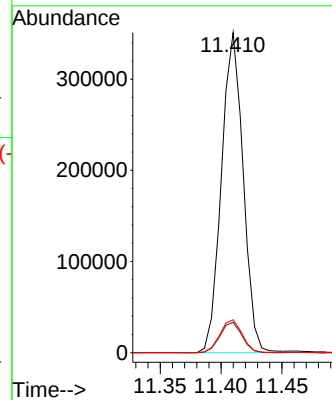
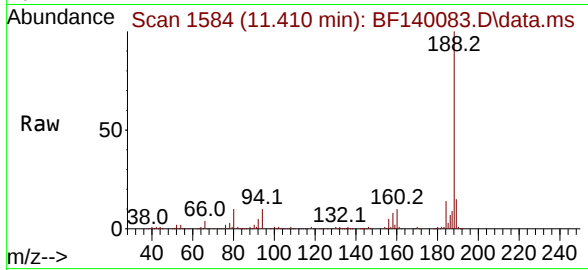




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140083.D
Acq: 28 Oct 2024 13:23

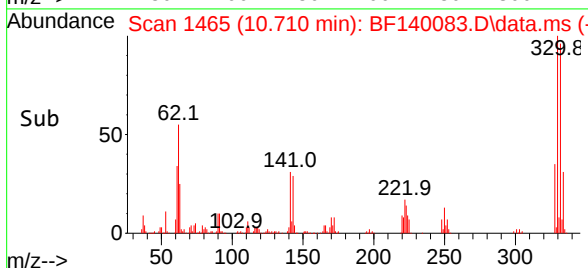
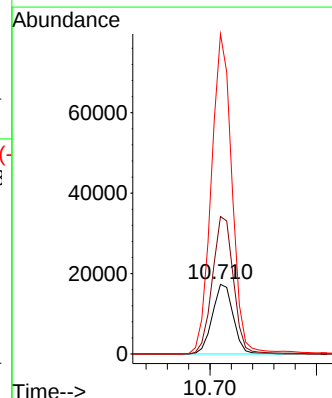
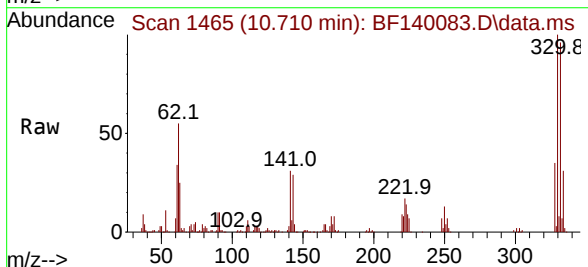
Instrument :
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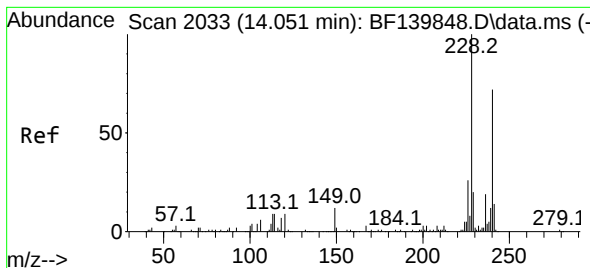
Tgt Ion:188 Resp: 435938
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.3 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 5.258 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF140083.D
Acq: 28 Oct 2024 13:23

Tgt Ion:248 Resp: 23612
Ion Ratio Lower Upper
248 100
250 197.5 79.0 118.6#
141 459.6 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140083.D

Acq: 28 Oct 2024 13:23

Instrument :

BNA_F

ClientSampleId :

BP-F-18

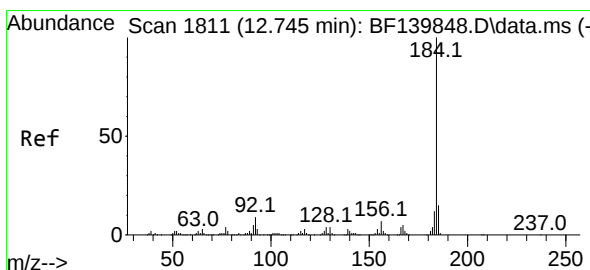
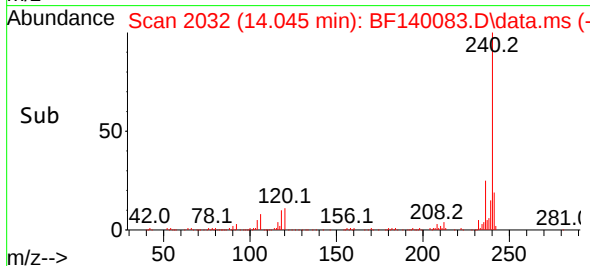
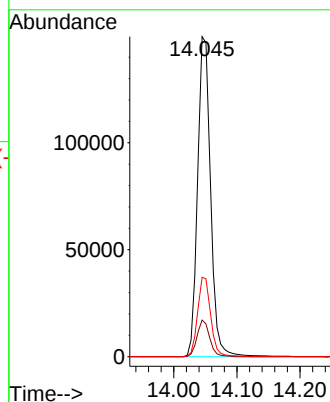
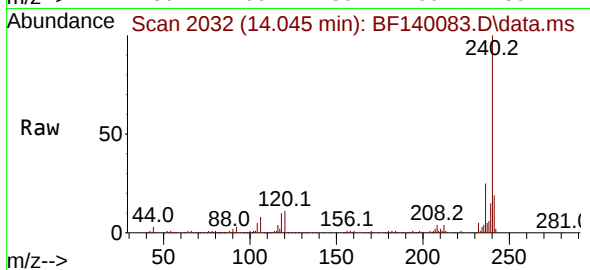
Tgt Ion:240 Resp: 213605

Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.2

236 24.8 20.9 31.3



#77

Benzidine

Concen: 4.889 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF140083.D

Acq: 28 Oct 2024 13:23

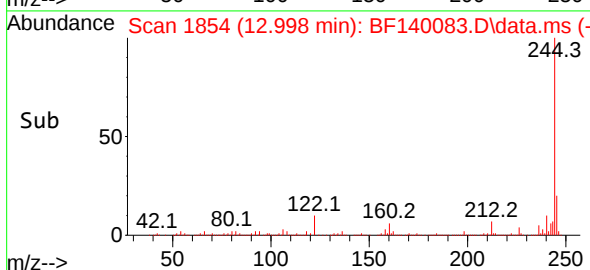
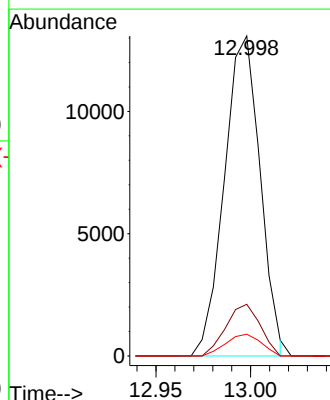
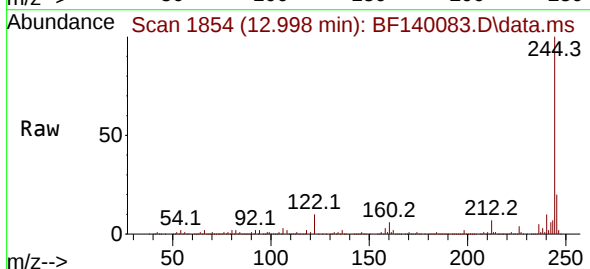
Tgt Ion:184 Resp: 17172

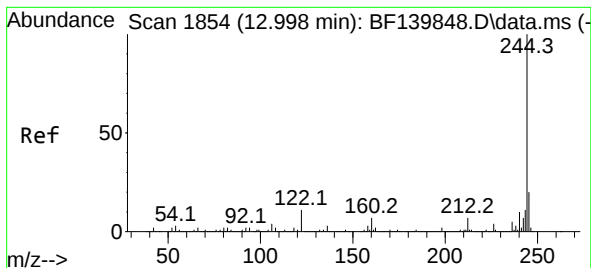
Ion Ratio Lower Upper

184 100

185 16.1 12.0 18.0

183 6.8 9.4 14.2#





#79

Terphenyl-d14

Concen: 107.617 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140083.D

Acq: 28 Oct 2024 13:23

Instrument :

BNA_F

ClientSampleId :

BP-F-18

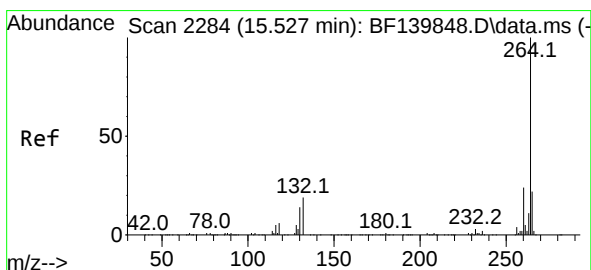
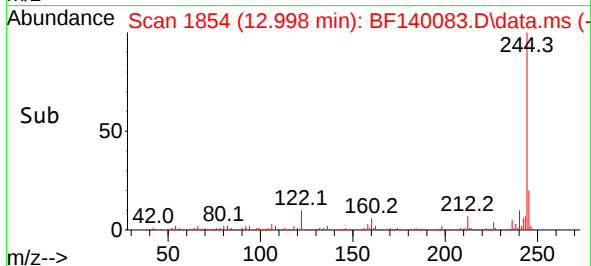
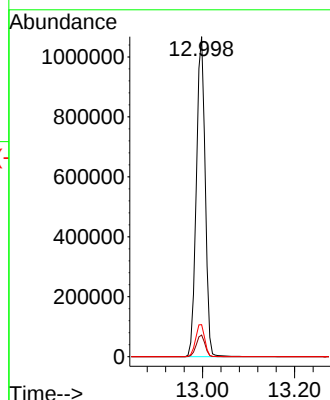
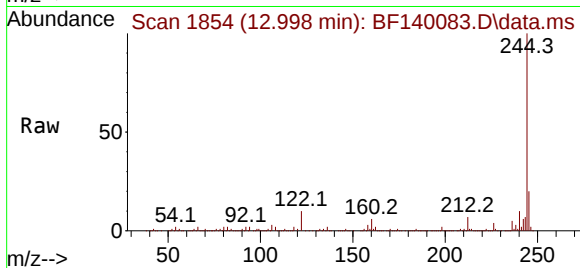
Tgt Ion:244 Resp: 1410730

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.0 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF140083.D

Acq: 28 Oct 2024 13:23

Tgt Ion:264 Resp: 242121

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.2 17.4 26.0

