

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137027.D
 Acq On : 10 Jan 2024 18:59
 Operator : CG\JU
 Sample : P1056-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-311P-30-32

Quant Time: Jan 11 00:02:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

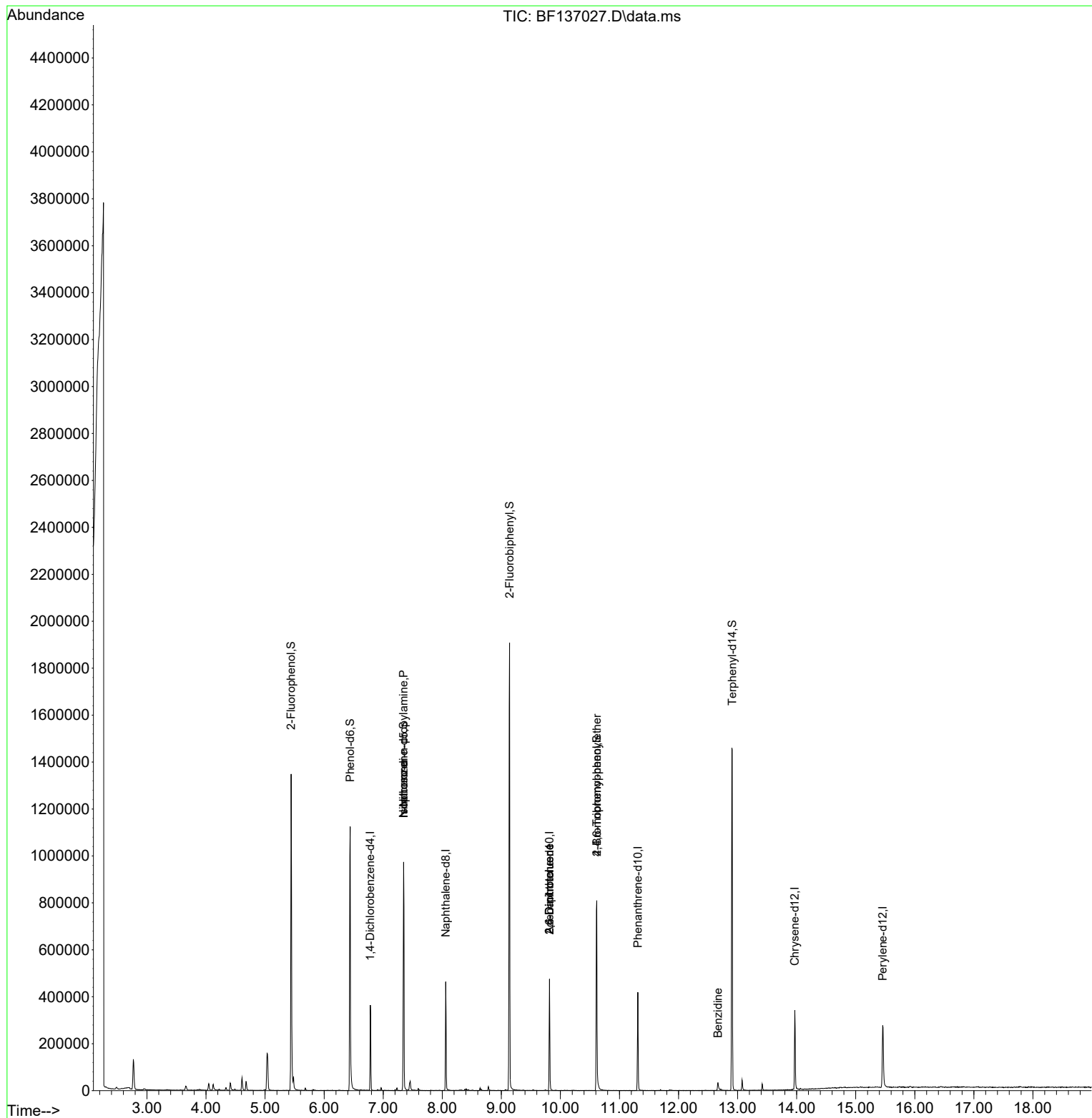
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	55591	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	195883	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	90527	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	151125	20.000	ng	0.00
76) Chrysene-d12	13.969	240	123597	20.000	ng	0.00
86) Perylene-d12	15.457	264	145910	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	380533	106.805	ng	0.01
7) Phenol-d6	6.440	99	416323	90.179	ng	0.00
23) Nitrobenzene-d5	7.345	82	317874	83.039	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	121634	114.086	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	616860	91.649	ng	-0.01
79) Terphenyl-d14	12.910	244	578466	65.405	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	41063	14.673	ng	# 73
25) Isophorone	7.345	82	317869	45.635	ng	# 65
51) 2,6-Dinitrotoluene	9.816	165	11390	7.590	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	11390	5.847	ng	# 21
67) 4-Bromophenyl-phenylether	10.616	248	6902	4.112	ng	# 1
77) Benzidine	12.669	184	26342	7.228	ng	# 94

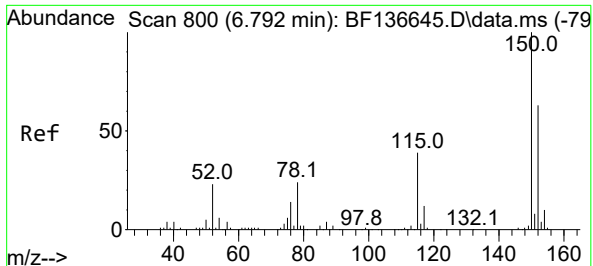
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

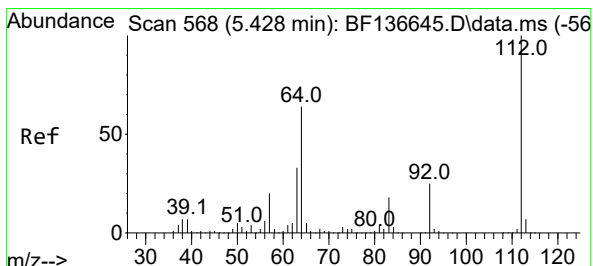
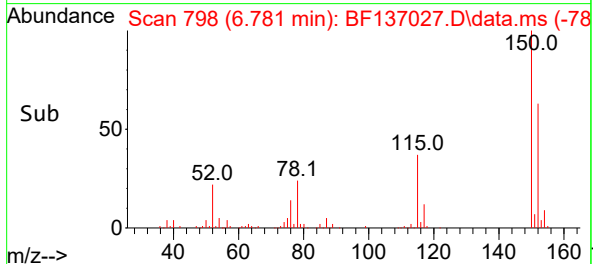
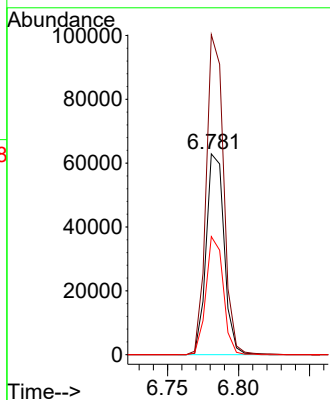
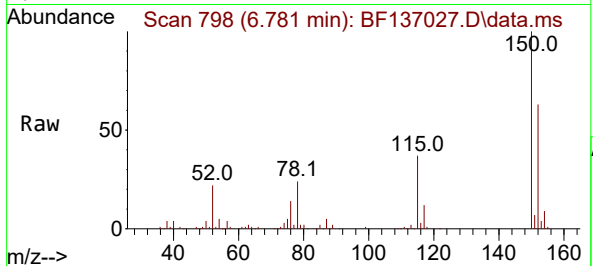




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137027.D
Acq: 10 Jan 2024 18:59

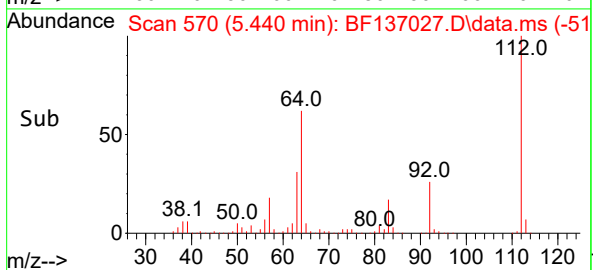
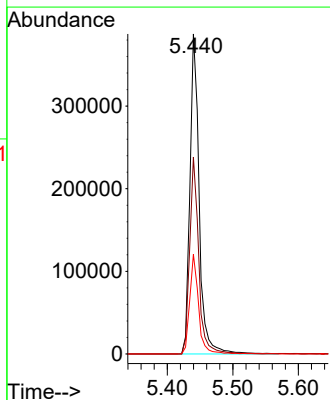
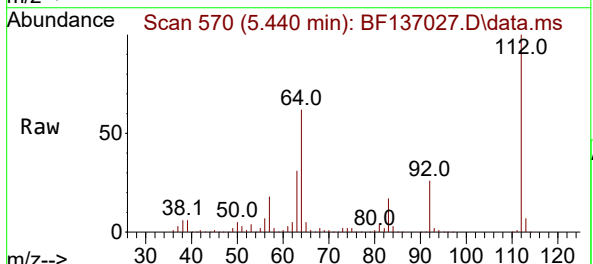
Instrument :
BNA_F
ClientSampleId :
MR-311P-30-32

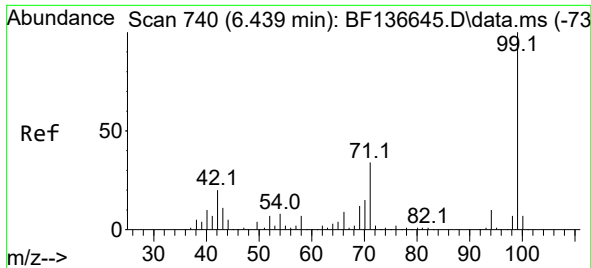
Tgt Ion:152 Resp: 55591
Ion Ratio Lower Upper
152 100
150 159.3 127.0 190.6
115 58.8 49.0 73.4



#5
2-Fluorophenol
Concen: 106.805 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF137027.D
Acq: 10 Jan 2024 18:59

Tgt Ion:112 Resp: 380533
Ion Ratio Lower Upper
112 100
64 61.5 51.1 76.7
63 31.1 26.1 39.1

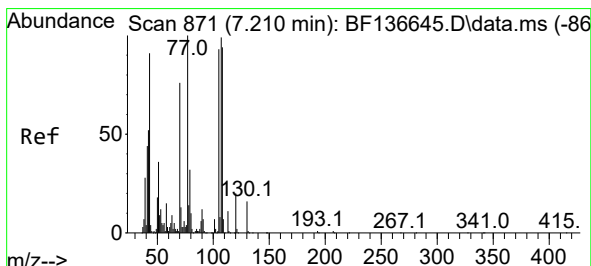
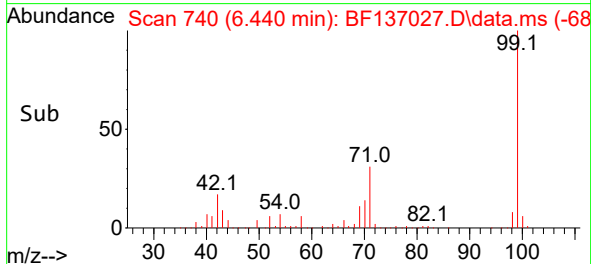
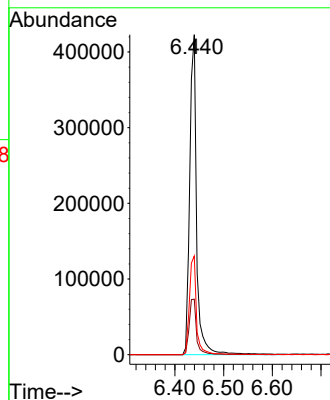
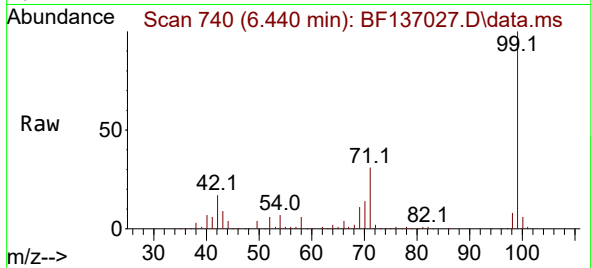




#7
Phenol-d6
Concen: 90.179 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF137027.D
Acq: 10 Jan 2024 18:59

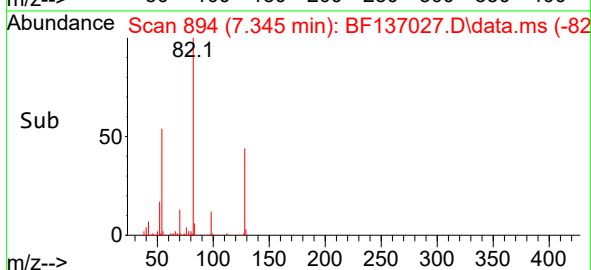
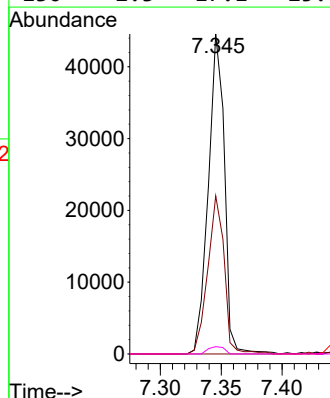
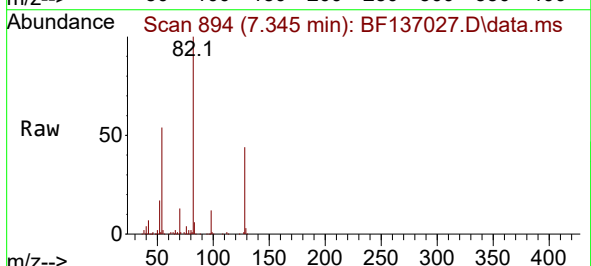
Instrument :
BNA_F
ClientSampleId :
MR-311P-30-32

Tgt Ion: 99 Resp: 416323
Ion Ratio Lower Upper
99 100
42 17.4 16.1 24.1
71 30.9 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.673 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF137027.D
Acq: 10 Jan 2024 18:59

Tgt Ion: 70 Resp: 41063
Ion Ratio Lower Upper
70 100
42 49.4 54.2 81.4#
101 0.0 7.6 11.4#
130 2.3 17.1 25.7#

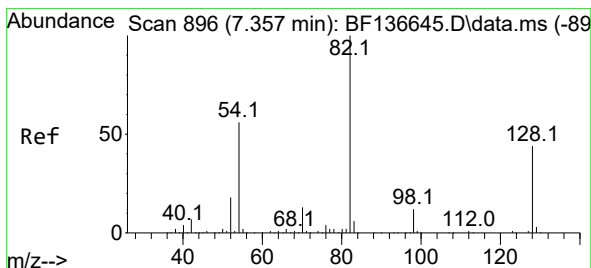
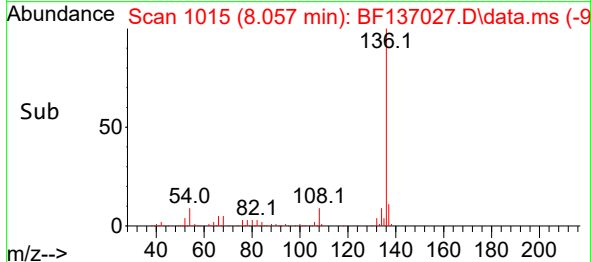
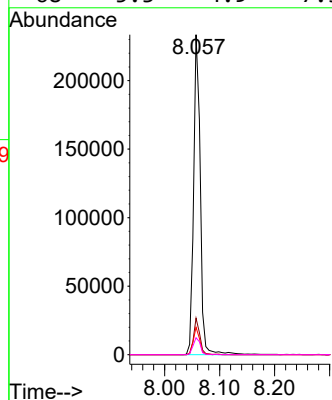
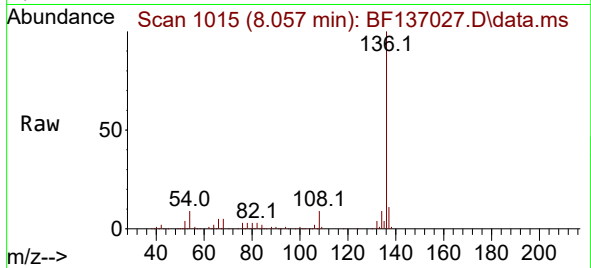




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF137027.D
Acq: 10 Jan 2024 18:59

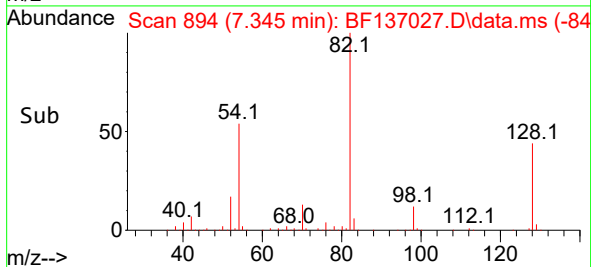
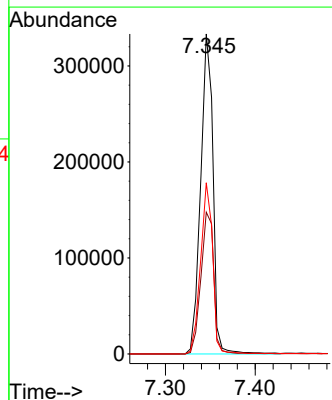
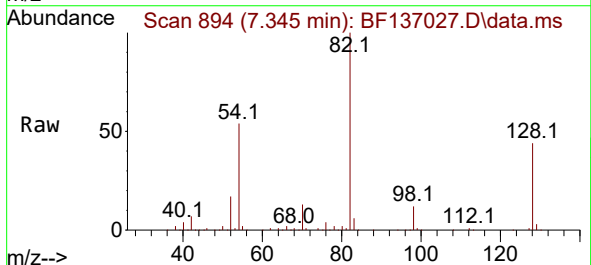
Instrument :
BNA_F
ClientSampleId :
MR-311P-30-32

Tgt Ion:136 Resp: 195883
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 8.6 7.2 10.8
68 5.3 4.9 7.3



#23
Nitrobenzene-d5
Concen: 83.039 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF137027.D
Acq: 10 Jan 2024 18:59

Tgt Ion: 82 Resp: 317874
Ion Ratio Lower Upper
82 100
128 44.3 35.3 52.9
54 53.5 44.5 66.7

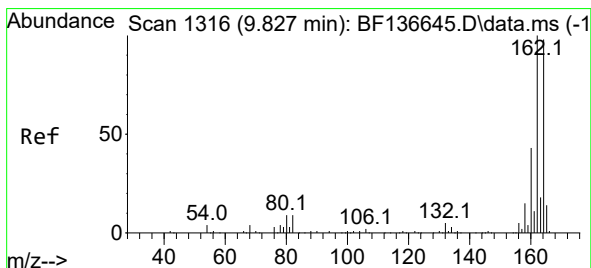
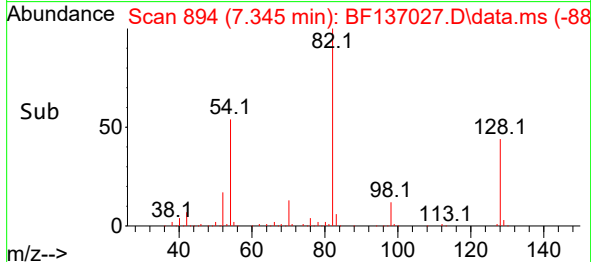
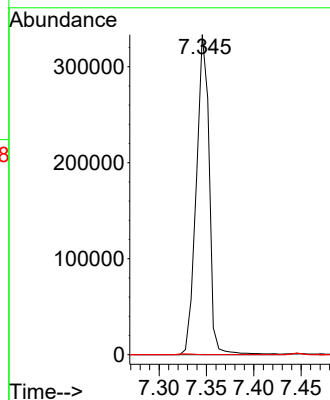
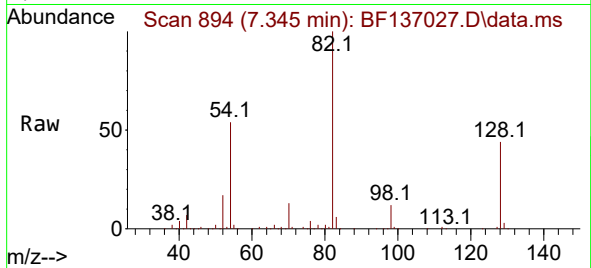




#25
Isophorone
Concen: 45.635 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF137027.D
Acq: 10 Jan 2024 18:59

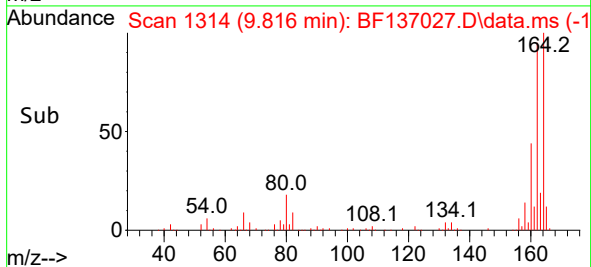
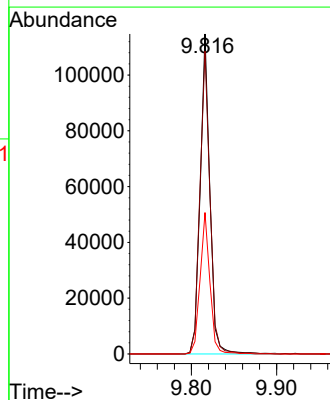
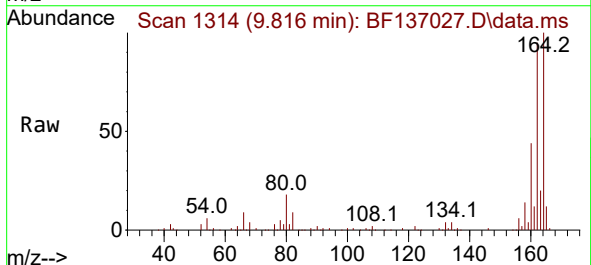
Instrument :
BNA_F
ClientSampleId :
MR-311P-30-32

Tgt Ion: 82 Resp: 317869
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137027.D
Acq: 10 Jan 2024 18:59

Tgt Ion:164 Resp: 90527
Ion Ratio Lower Upper
164 100
162 94.7 81.6 122.4
160 44.2 34.9 52.3

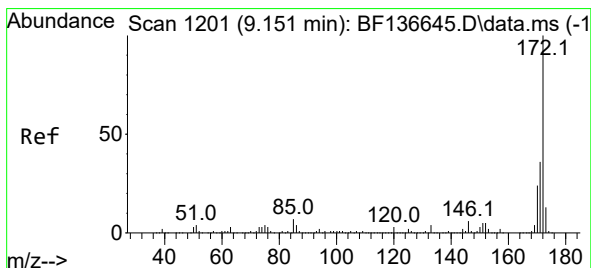
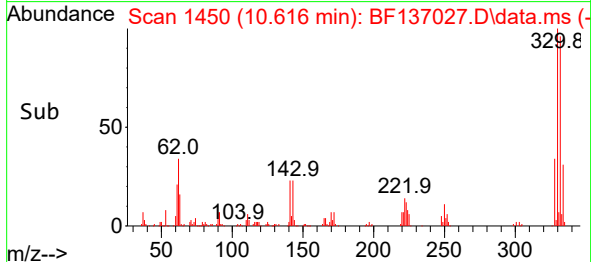
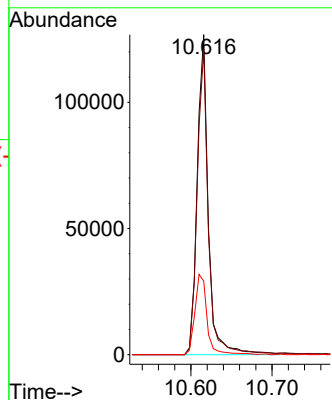
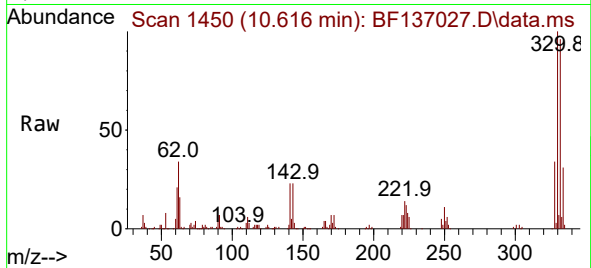




#42
2,4,6-Tribromophenol
Concen: 114.086 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137027.D
Acq: 10 Jan 2024 18:59

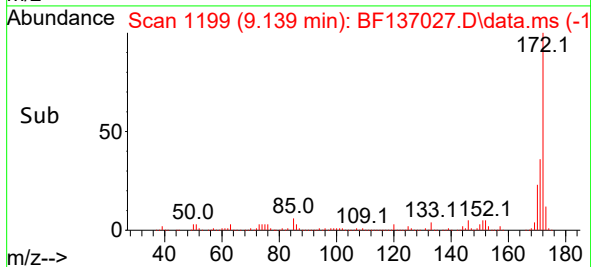
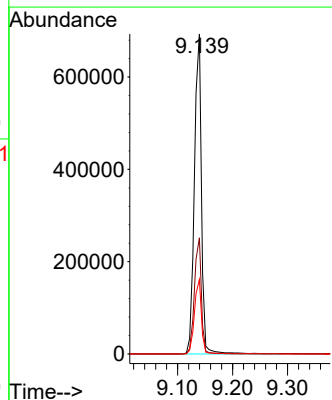
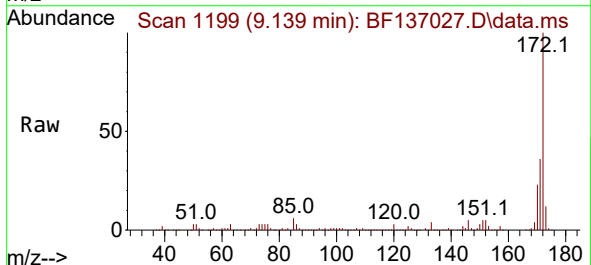
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ClientSampleId :
MR-311P-30-32

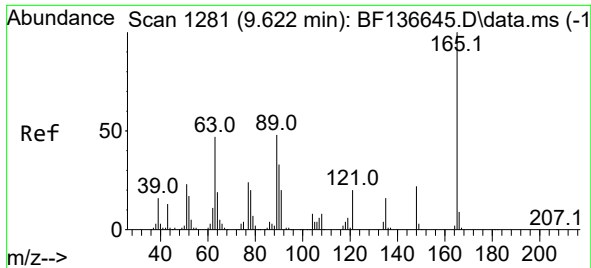
Tgt Ion:330 Resp: 121634
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.0
141 27.4 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 91.649 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137027.D
Acq: 10 Jan 2024 18:59

Tgt Ion:172 Resp: 616860
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 23.3 19.0 28.4

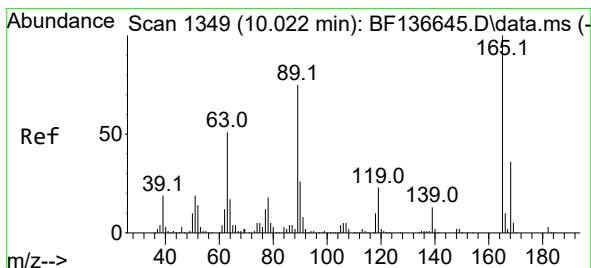
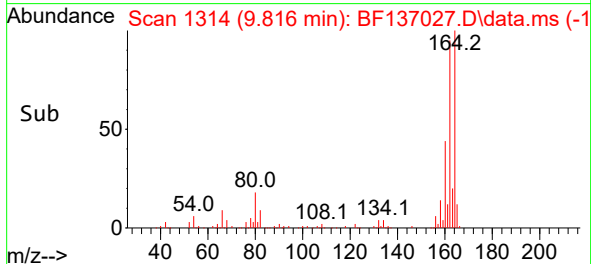
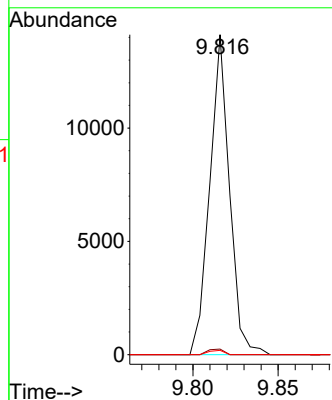
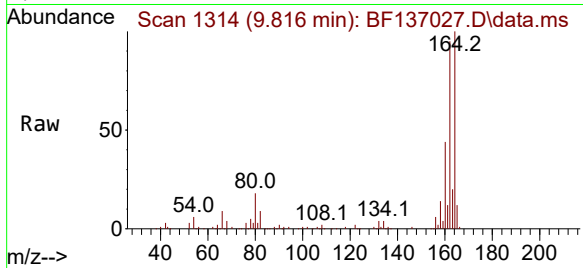




#51
2,6-Dinitrotoluene
Concen: 7.590 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137027.D
Acq: 10 Jan 2024 18:59

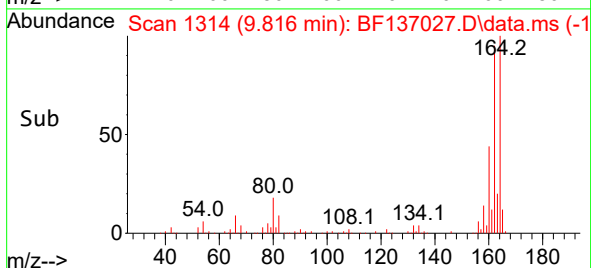
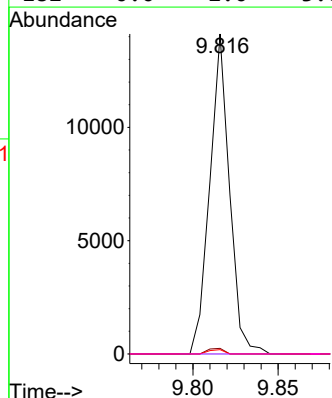
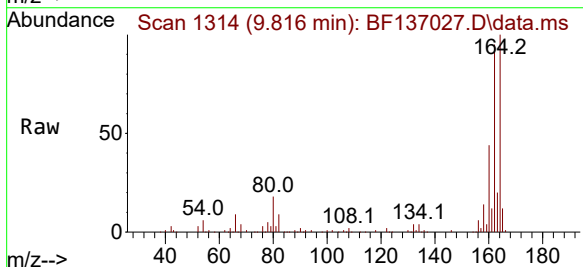
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ClientSampleId :
MR-311P-30-32

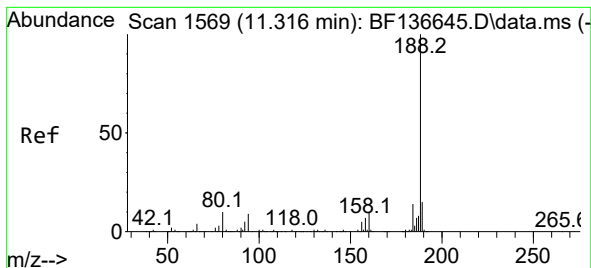
Tgt Ion:165 Resp: 11390
Ion Ratio Lower Upper
165 100
63 1.8 39.8 59.6#
89 1.4 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 5.847 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF137027.D
Acq: 10 Jan 2024 18:59

Tgt Ion:165 Resp: 11390
Ion Ratio Lower Upper
165 100
63 1.8 41.0 61.6#
89 1.4 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137027.D

Acq: 10 Jan 2024 18:59

Instrument :

BNA_F

ClientSampleId :

MR-311P-30-32

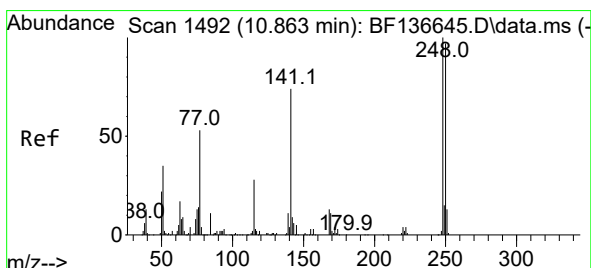
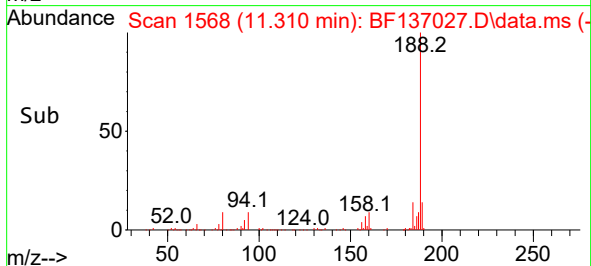
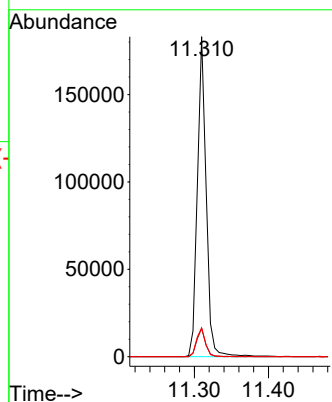
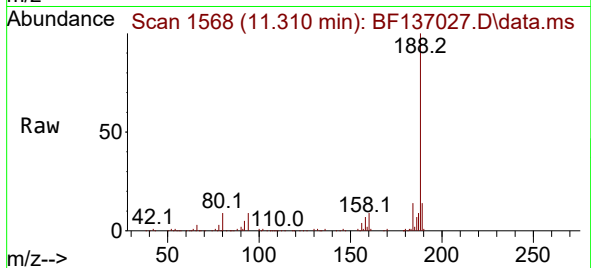
Tgt Ion:188 Resp: 151125

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

80 9.0 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 4.112 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.247 min

Lab File: BF137027.D

Acq: 10 Jan 2024 18:59

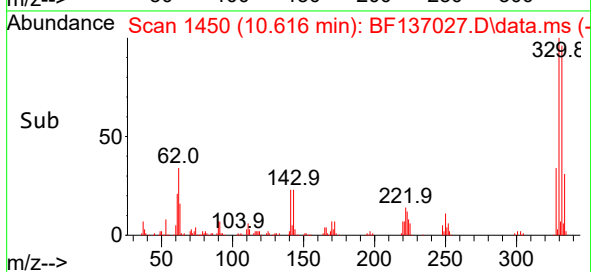
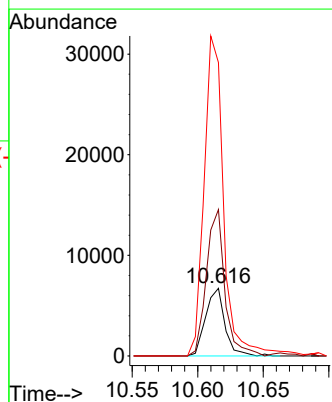
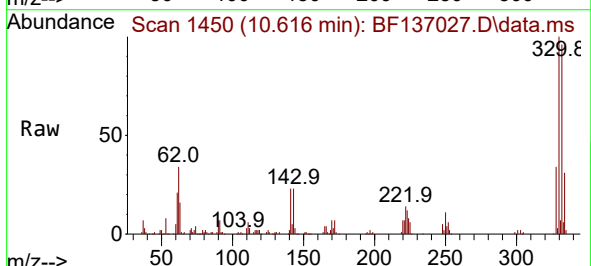
Tgt Ion:248 Resp: 6902

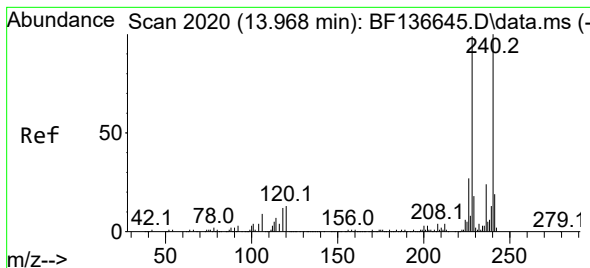
Ion Ratio Lower Upper

248 100

250 216.0 77.8 116.6#

141 433.2 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137027.D

Acq: 10 Jan 2024 18:59

Instrument :

BNA_F

ClientSampleId :

MR-311P-30-32

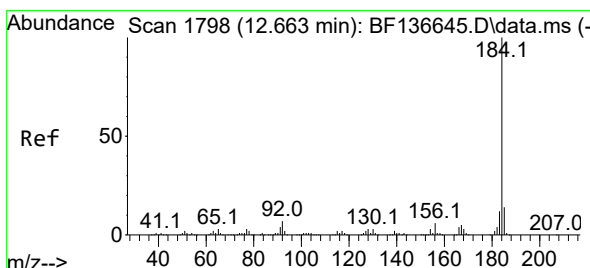
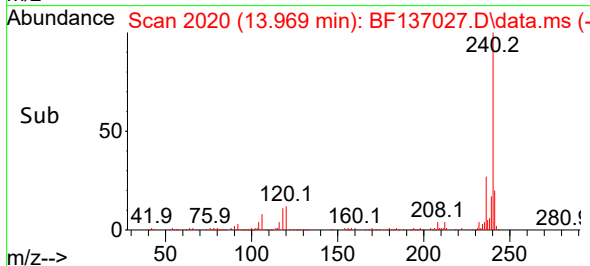
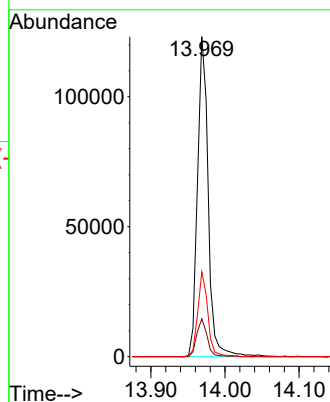
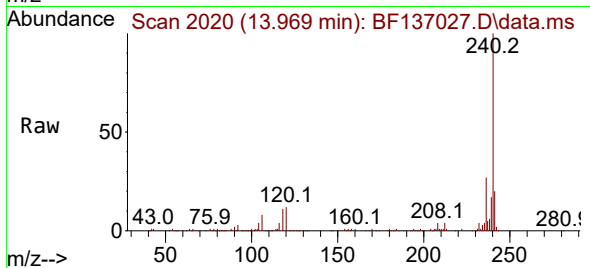
Tgt Ion:240 Resp: 123597

Ion Ratio Lower Upper

240 100

120 11.8 10.3 15.5

236 26.5 19.4 29.2



#77

Benzidine

Concen: 7.228 ng

RT: 12.669 min Scan# 1799

Delta R.T. 0.006 min

Lab File: BF137027.D

Acq: 10 Jan 2024 18:59

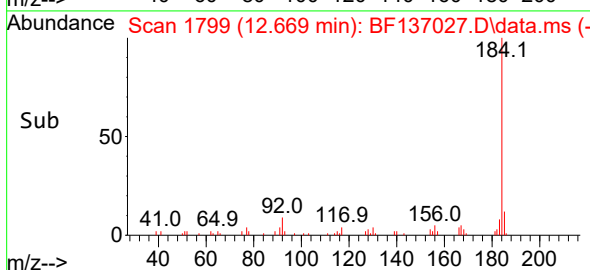
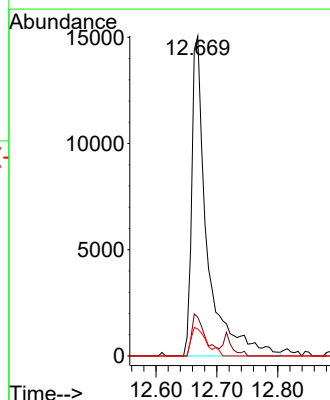
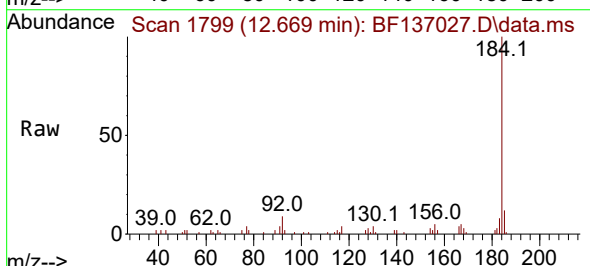
Tgt Ion:184 Resp: 26342

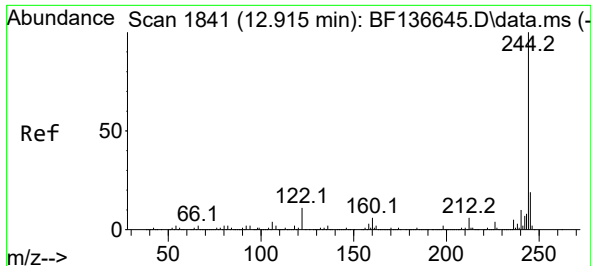
Ion Ratio Lower Upper

184 100

185 12.1 11.2 16.8

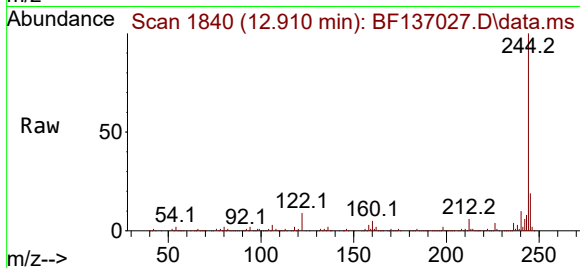
183 8.5 9.3 13.9#



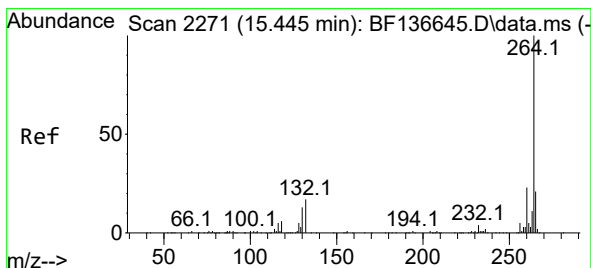
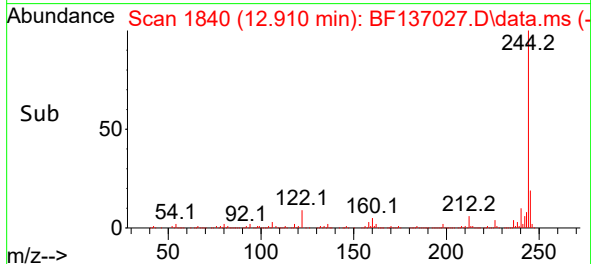
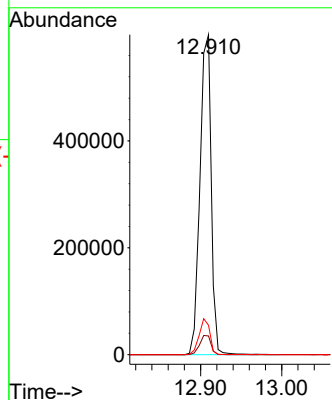


#79
Terphenyl-d14
Concen: 65.405 ng
RT: 12.910 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF137027.D
Acq: 10 Jan 2024 18:59

Instrument :
BNA_F
ClientSampleId :
MR-311P-30-32



Tgt Ion:244 Resp: 578466
Ion Ratio Lower Upper
244 100
212 5.9 5.0 7.4
122 9.2 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF137027.D
Acq: 10 Jan 2024 18:59

Tgt Ion:264 Resp: 145910
Ion Ratio Lower Upper
264 100
260 20.9 18.3 27.5
265 20.7 17.0 25.6

