

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
 Data File : BF132063.D
 Acq On : 13 Jan 2023 17:16
 Operator : CG\JU
 Sample : 01129-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-207

Quant Time: Jan 16 01:17:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 23:59:08 2023
 Response via : Initial Calibration

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

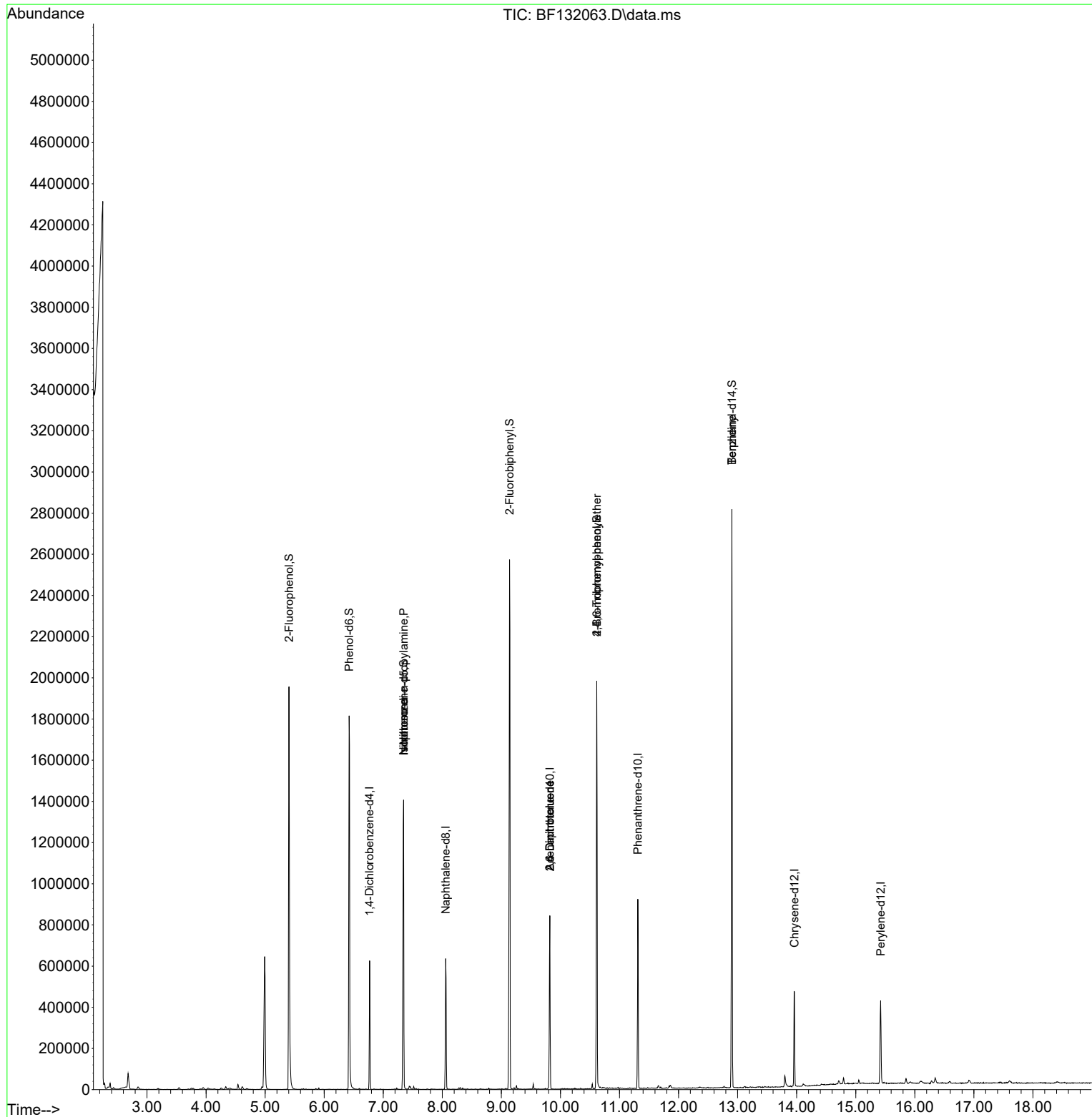
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	77727	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	291574	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	169194	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	313454	20.000	ng	0.00
76) Chrysene-d12	13.962	240	160477	20.000	ng	0.00
86) Perylene-d12	15.421	264	178332	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	543763	115.276	ng	0.02
7) Phenol-d6	6.422	99	647527	103.534	ng	0.00
23) Nitrobenzene-d5	7.345	82	522066	74.312	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	215382	110.716	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	908215	72.464	ng	0.00
79) Terphenyl-d14	12.904	244	941531	84.091	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	73926	16.340	ng	# 76
25) Isophorone	7.345	82	520243	39.640	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	21132	7.618	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	21132	5.698	ng	# 13
67) 4-Bromophenyl-phenylether	10.616	248	14656	3.738	ng	# 1
77) Benzidine	12.904	184	15199	2.851	ng	# 96

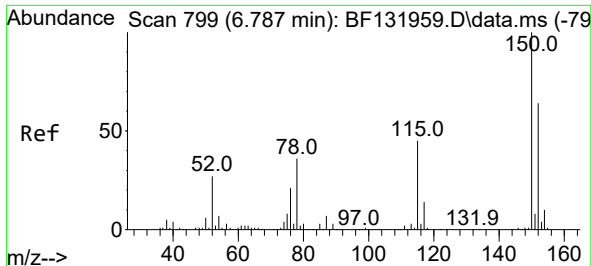
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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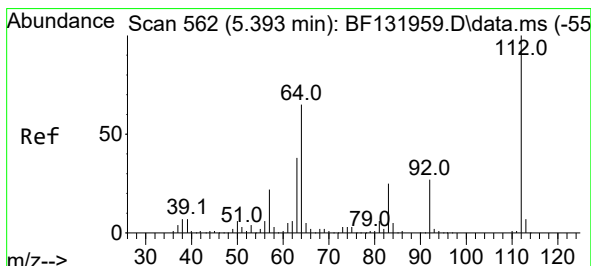
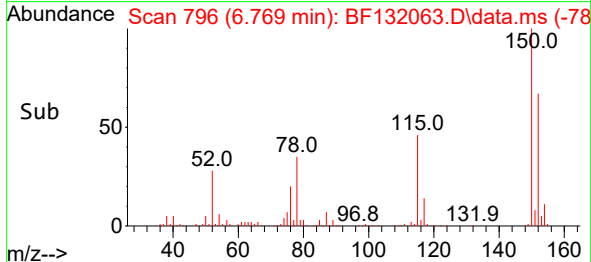
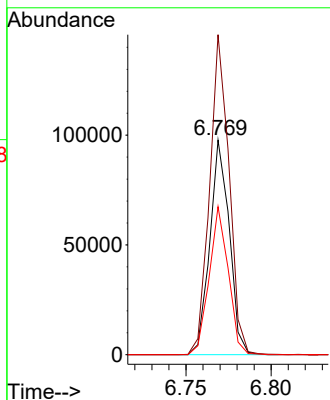
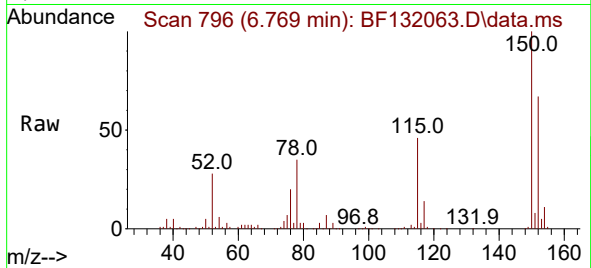




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132063.D
Acq: 13 Jan 2023 17:16

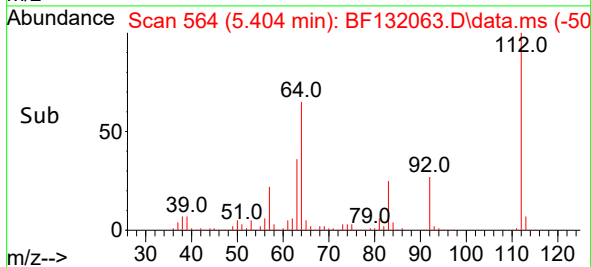
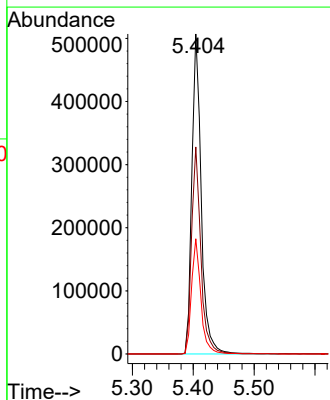
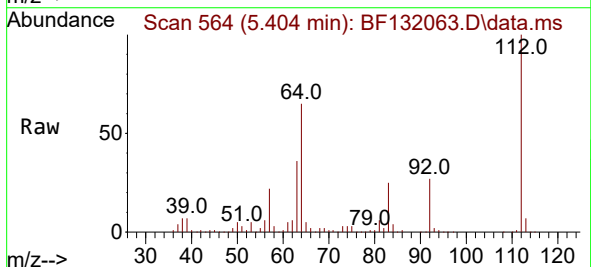
Instrument :
BNA_F
ClientSampleId :
VNJ-207

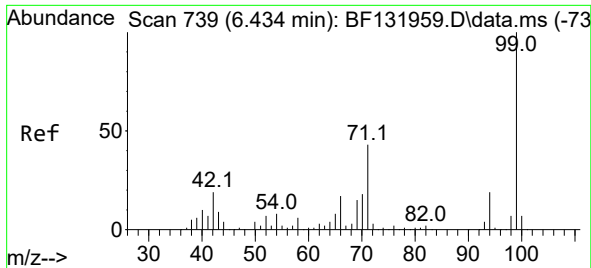
Tgt Ion:152 Resp: 77727
Ion Ratio Lower Upper
152 100
150 149.2 124.6 186.8
115 69.0 55.6 83.4



#5
2-Fluorophenol
Concen: 115.276 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.023 min
Lab File: BF132063.D
Acq: 13 Jan 2023 17:16

Tgt Ion:112 Resp: 543763
Ion Ratio Lower Upper
112 100
64 64.7 51.9 77.9
63 36.0 30.2 45.2

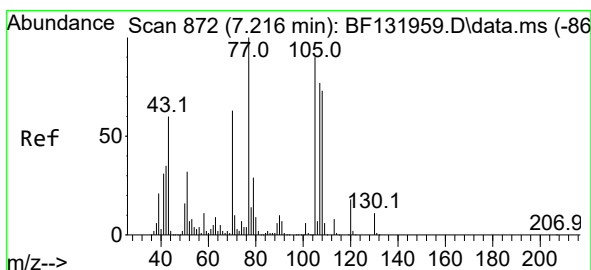
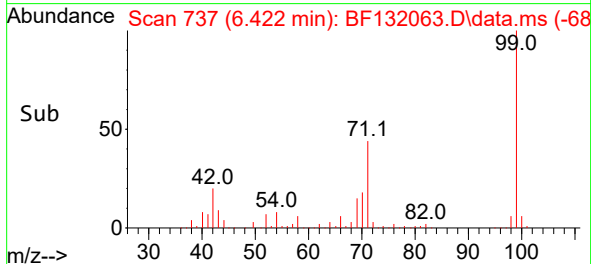
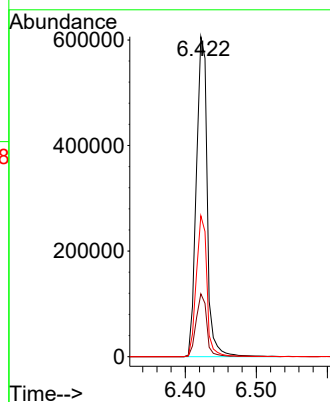
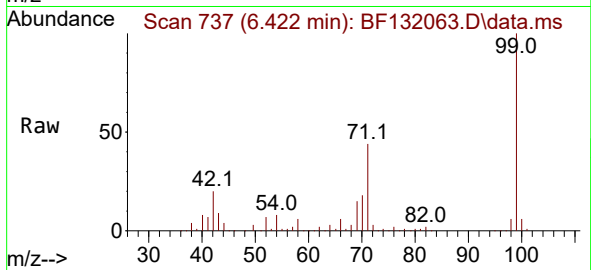




#7
Phenol-d6
Concen: 103.534 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132063.D
Acq: 13 Jan 2023 17:16

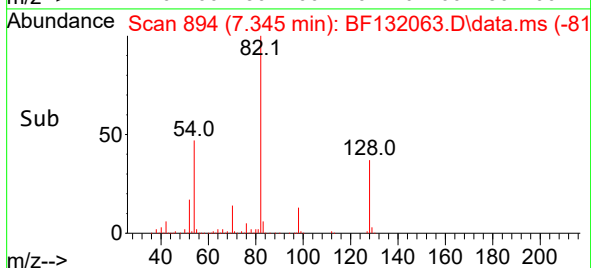
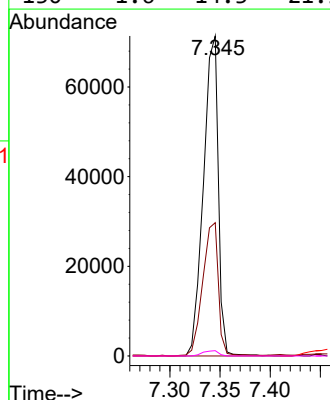
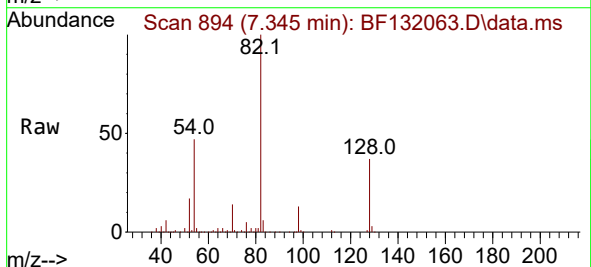
Instrument :
BNA_F
ClientSampleId :
VNJ-207

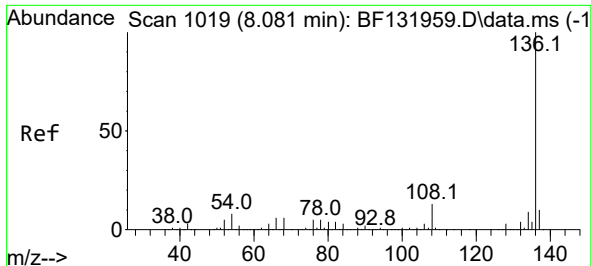
Tgt Ion: 99 Resp: 647527
Ion Ratio Lower Upper
99 100
42 19.7 15.4 23.2
71 44.0 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.340 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.147 min
Lab File: BF132063.D
Acq: 13 Jan 2023 17:16

Tgt Ion: 70 Resp: 73926
Ion Ratio Lower Upper
70 100
42 41.6 44.3 66.5#
101 0.0 7.5 11.3#
130 1.6 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132063.D

Acq: 13 Jan 2023 17:16

Instrument :

BNA_F

ClientSampleId :

VNJ-207

Tgt Ion:136 Resp: 291574

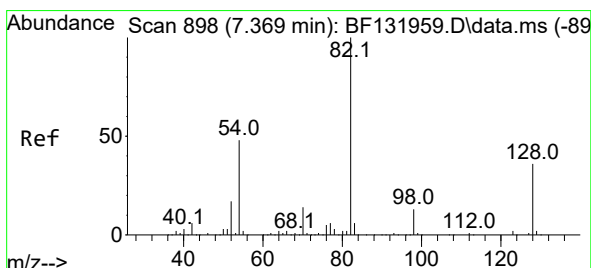
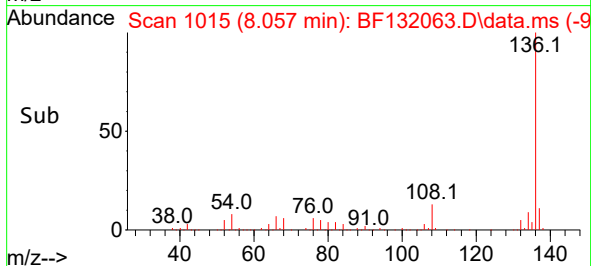
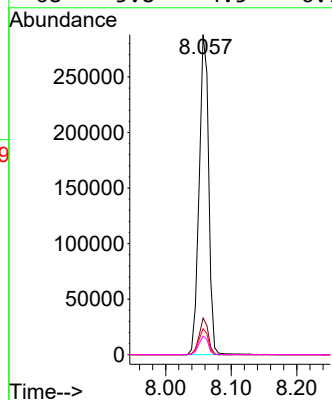
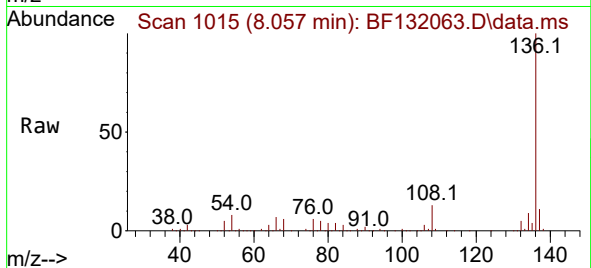
Ion Ratio Lower Upper

136 100

137 11.5 8.2 12.2

54 8.1 6.6 9.8

68 5.8 4.5 6.7



#23

Nitrobenzene-d5

Concen: 74.312 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF132063.D

Acq: 13 Jan 2023 17:16

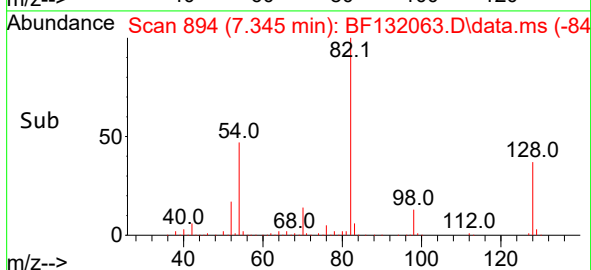
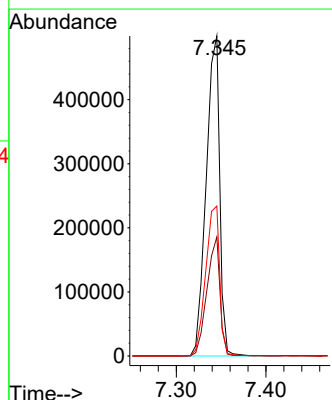
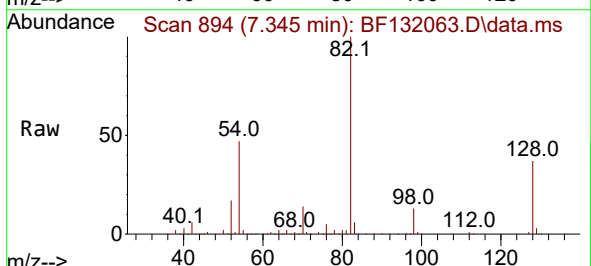
Tgt Ion: 82 Resp: 522066

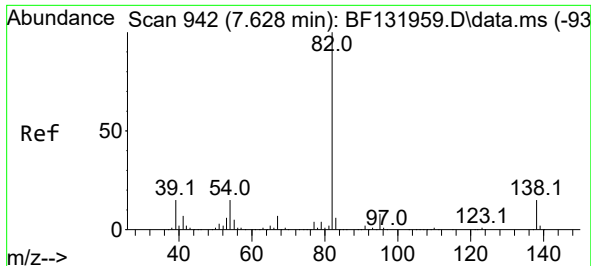
Ion Ratio Lower Upper

82 100

128 37.2 28.7 43.1

54 46.9 38.1 57.1

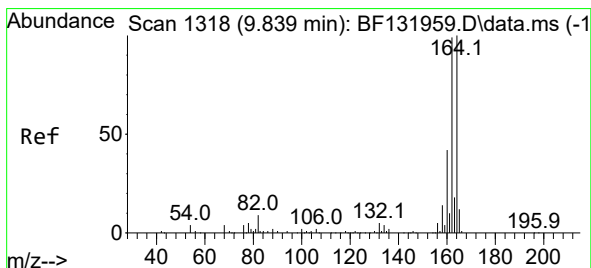
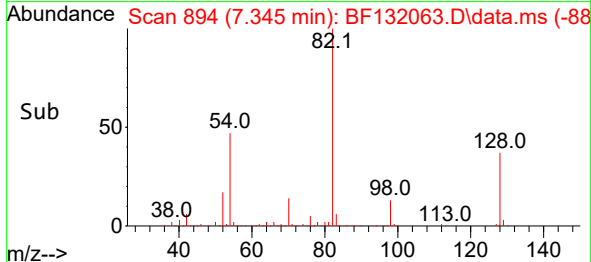
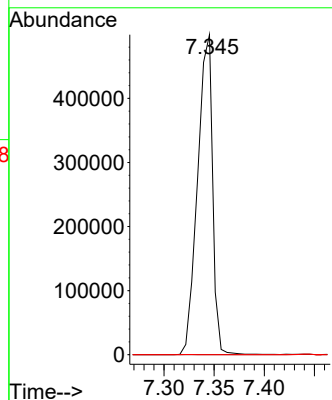
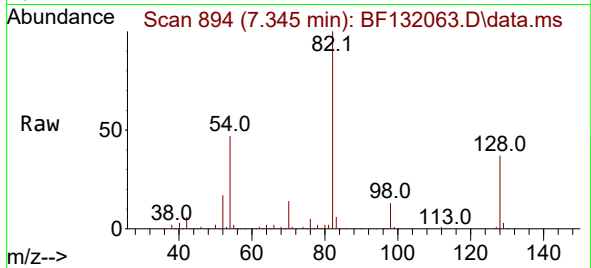




#25
Isophorone
Concen: 39.640 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF132063.D
Acq: 13 Jan 2023 17:16

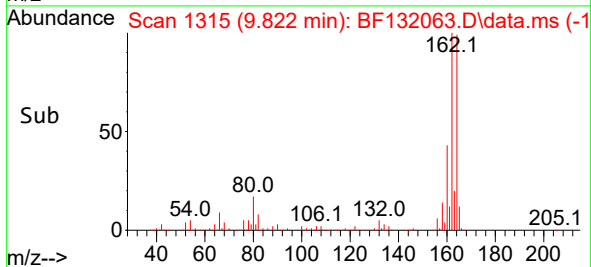
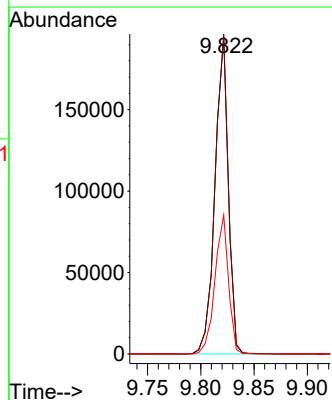
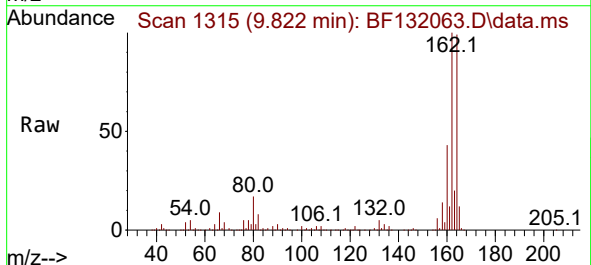
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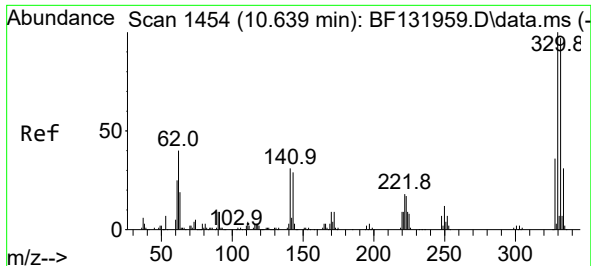
Tgt Ion: 82 Resp: 520243
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132063.D
Acq: 13 Jan 2023 17:16

Tgt Ion:164 Resp: 169194
Ion Ratio Lower Upper
164 100
162 101.0 79.4 119.0
160 43.8 33.9 50.9

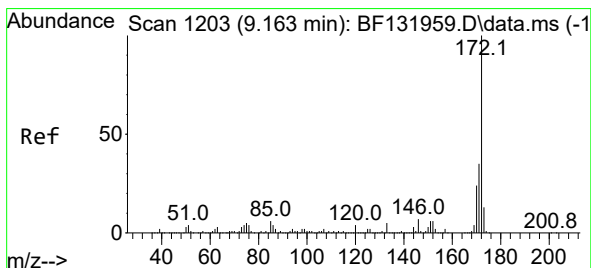
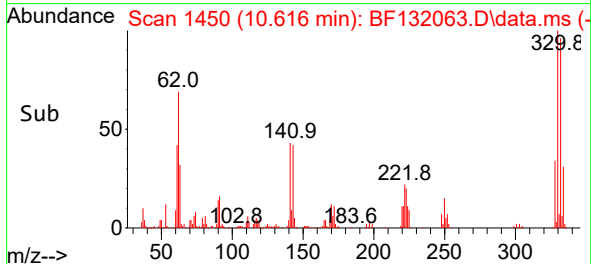
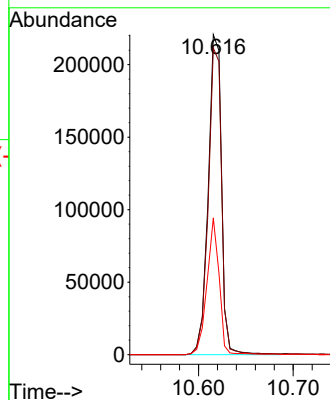
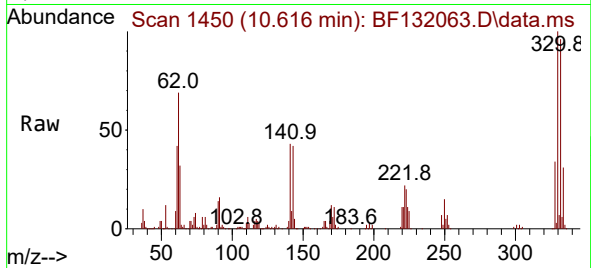




#42
2,4,6-Tribromophenol
Concen: 110.716 ng
RT: 10.616 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF132063.D
Acq: 13 Jan 2023 17:16

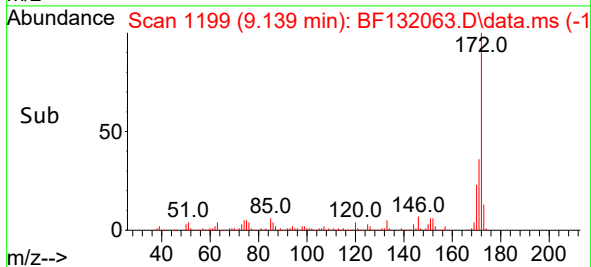
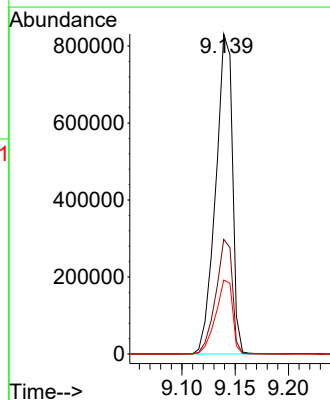
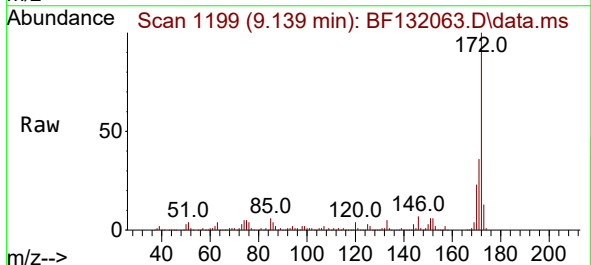
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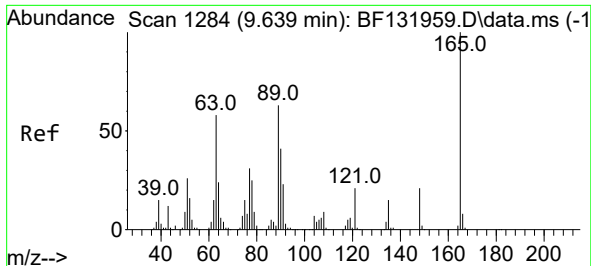
Tgt Ion:330 Resp: 215382
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 39.2 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 72.464 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF132063.D
Acq: 13 Jan 2023 17:16

Tgt Ion:172 Resp: 908215
Ion Ratio Lower Upper
172 100
171 35.8 28.0 42.0
170 23.1 18.9 28.3

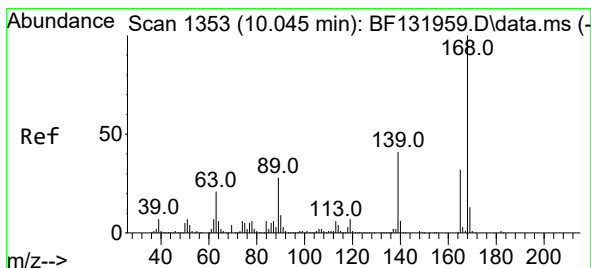
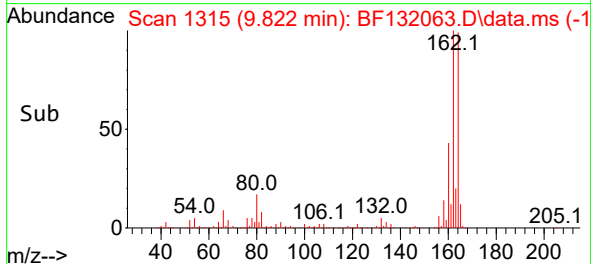
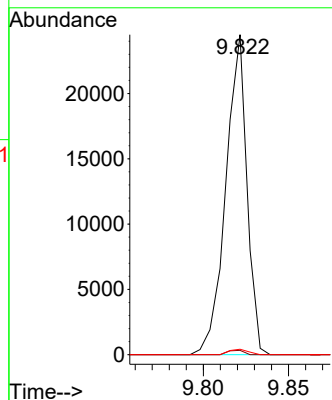
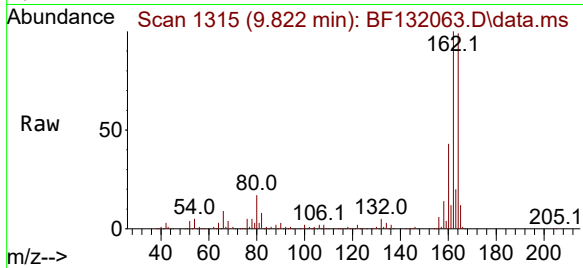




#51
2,6-Dinitrotoluene
Concen: 7.618 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF132063.D
Acq: 13 Jan 2023 17:16

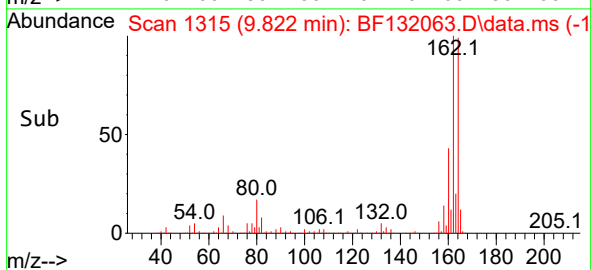
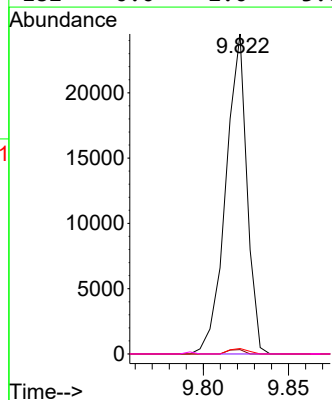
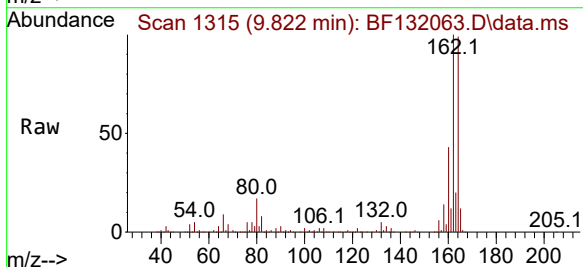
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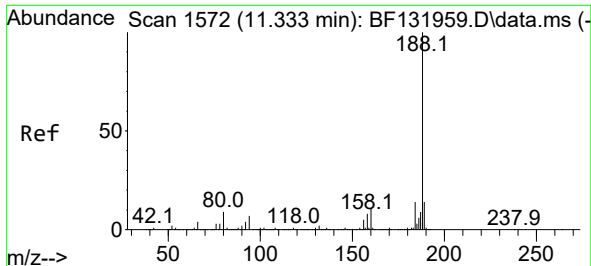
Tgt Ion:165 Resp: 21132
Ion Ratio Lower Upper
165 100
63 1.3 47.4 71.0#
89 1.7 50.2 75.2#



#57
2,4-Dinitrotoluene
Concen: 5.698 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF132063.D
Acq: 13 Jan 2023 17:16

Tgt Ion:165 Resp: 21132
Ion Ratio Lower Upper
165 100
63 1.3 53.2 79.8#
89 1.7 71.2 106.8#
182 0.0 2.0 3.0#

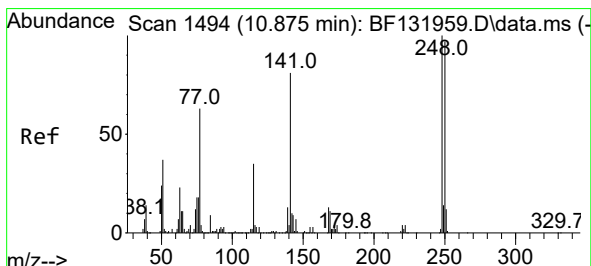
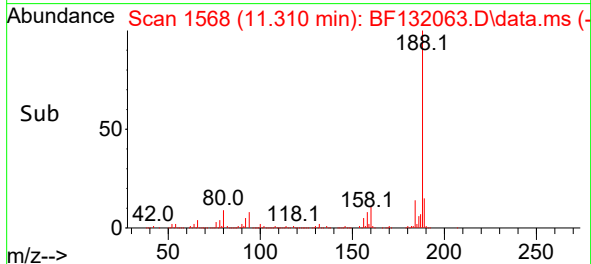
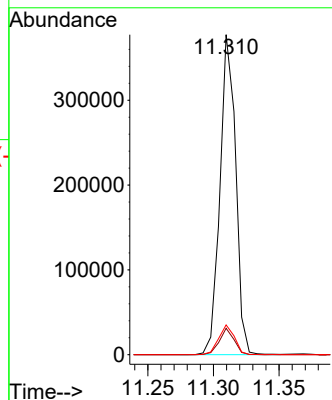
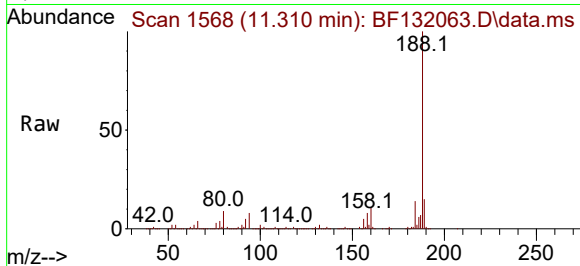




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF132063.D
Acq: 13 Jan 2023 17:16

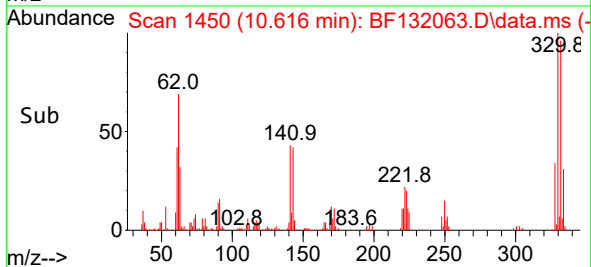
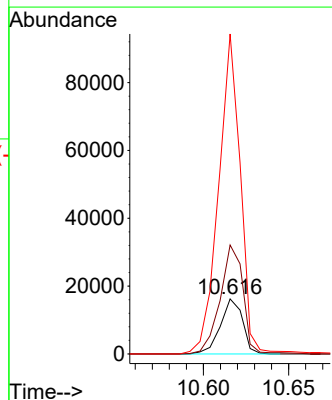
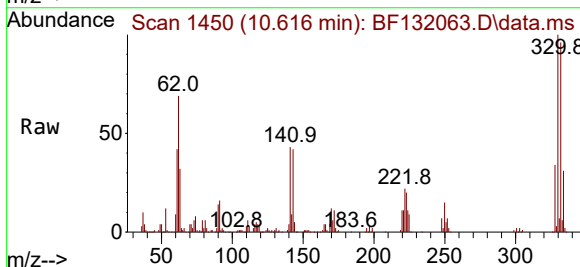
Instrument :
BNA_F
ClientSampleId :
VNJ-207

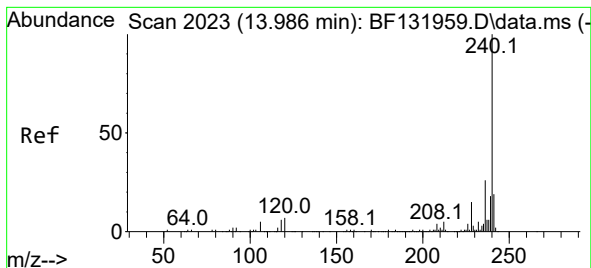
Tgt Ion:188 Resp: 313454
Ion Ratio Lower Upper
188 100
94 8.3 5.8 8.6
80 9.3 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 3.738 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.241 min
Lab File: BF132063.D
Acq: 13 Jan 2023 17:16

Tgt Ion:248 Resp: 14656
Ion Ratio Lower Upper
248 100
250 197.8 77.4 116.2#
141 581.3 65.0 97.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF132063.D

Acq: 13 Jan 2023 17:16

Instrument :

BNA_F

ClientSampleId :

VNJ-207

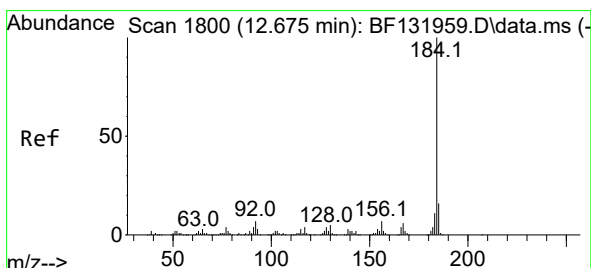
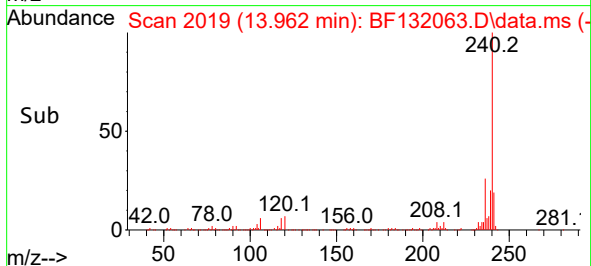
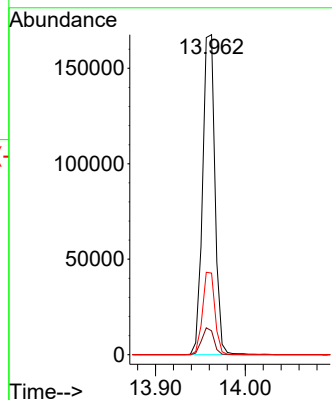
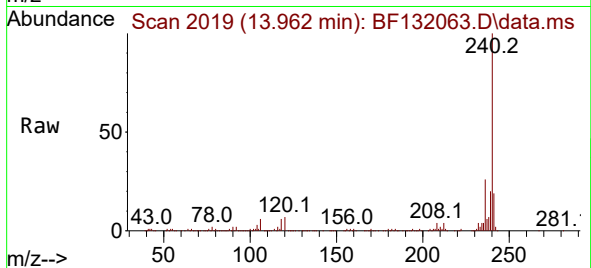
Tgt Ion:240 Resp: 160477

Ion Ratio Lower Upper

240 100

120 7.4 5.4 8.0

236 25.5 21.1 31.7



#77

Benzidine

Concen: 2.851 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.247 min

Lab File: BF132063.D

Acq: 13 Jan 2023 17:16

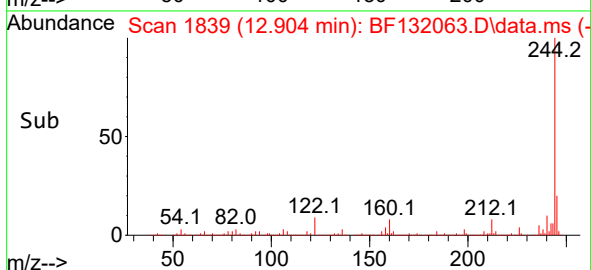
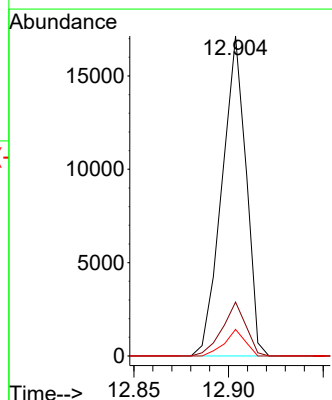
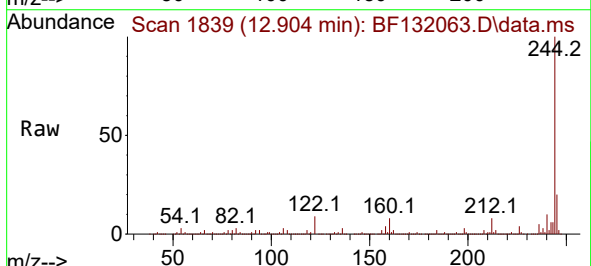
Tgt Ion:184 Resp: 15199

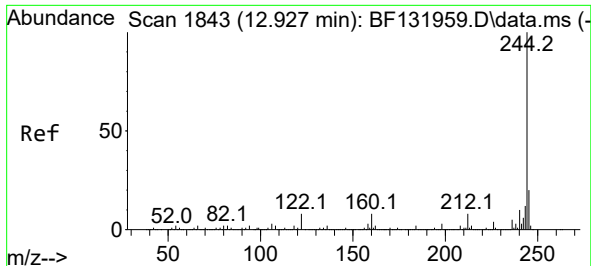
Ion Ratio Lower Upper

184 100

185 16.8 12.8 19.2

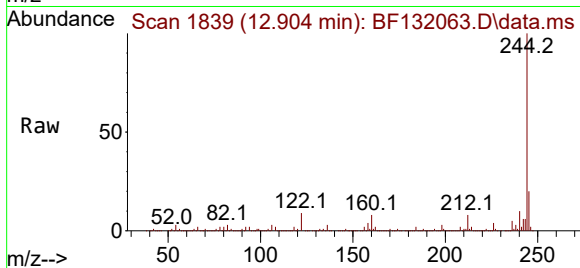
183 8.3 9.0 13.4#



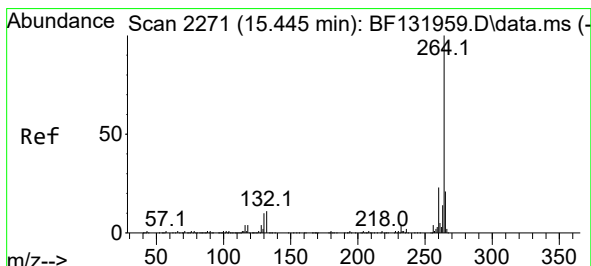
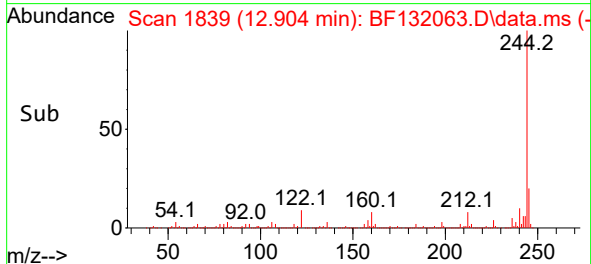
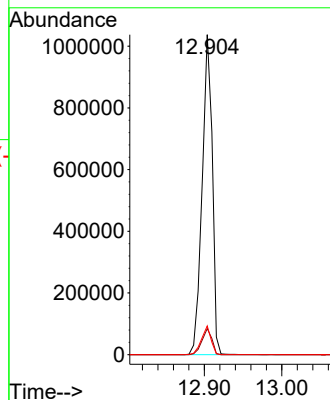


#79
 Terphenyl-d14
 Concen: 84.091 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF132063.D
 Acq: 13 Jan 2023 17:16

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-207



Tgt Ion:244 Resp: 941531
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.3 9.5
 122 9.0 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.006 min
 Lab File: BF132063.D
 Acq: 13 Jan 2023 17:16

Tgt Ion:264 Resp: 178332
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.3 27.5
 265 21.1 16.9 25.3

