

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
 Data File : BF132362.D
 Acq On : 08 Feb 2023 17:59
 Operator : CG\JU
 Sample : 01418-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-16-020223

Quant Time: Feb 09 02:00:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

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

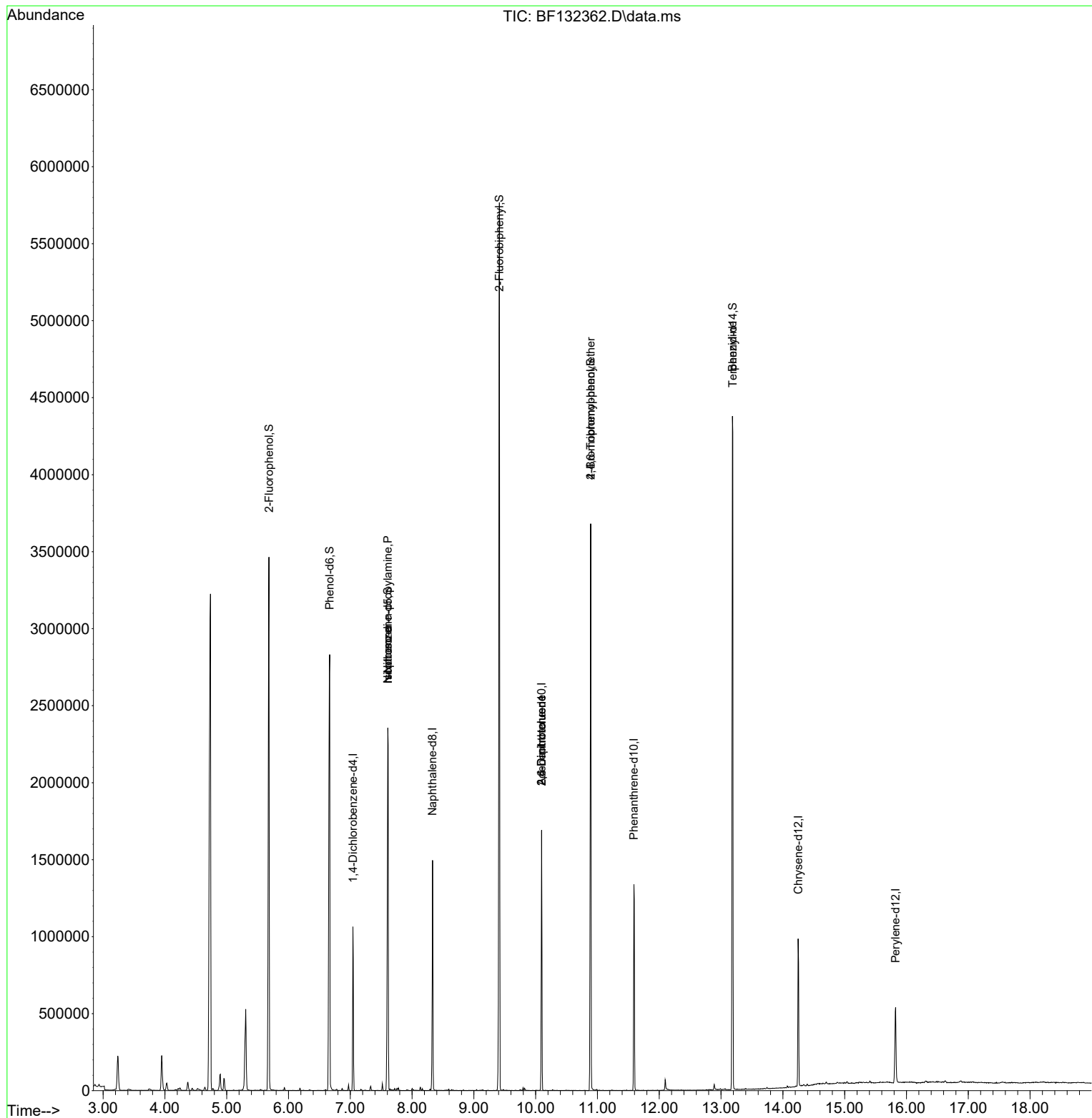
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.043	152	171707	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	651516	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	311627	20.000	ng	0.00
64) Phenanthrene-d10	11.589	188	503366	20.000	ng	0.00
76) Chrysene-d12	14.248	240	309579	20.000	ng	0.00
86) Perylene-d12	15.824	264	224776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1280901	119.909	ng	0.02
7) Phenol-d6	6.666	99	1395328	105.949	ng	0.00
23) Nitrobenzene-d5	7.607	82	1023747	87.440	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	487989	152.275	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1826797	90.526	ng	0.00
79) Terphenyl-d14	13.189	244	1645567	102.823	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.596	77	306	Below Cal		87
19) n-Nitroso-di-n-propyla...	7.607	70	126564	16.919	ng	# 78
25) Isophorone	7.607	82	1021493	45.968	ng	# 64
51) 2,6-Dinitrotoluene	10.095	165	40975	8.417	ng	# 25
57) 2,4-Dinitrotoluene	10.095	165	40975	6.479	ng	# 23
67) 4-Bromophenyl-phenylether	10.889	248	28137	5.459	ng	# 1
77) Benizidine	13.183	184	25217	2.330	ng	# 94

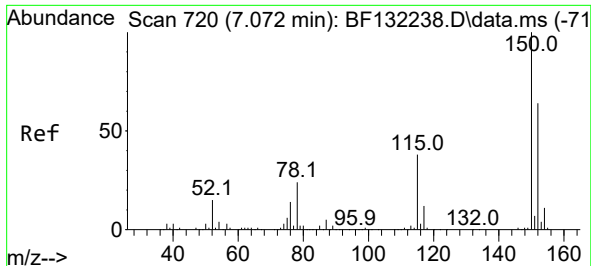
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 09 01:56:26 2023
Response via : Initial Calibration

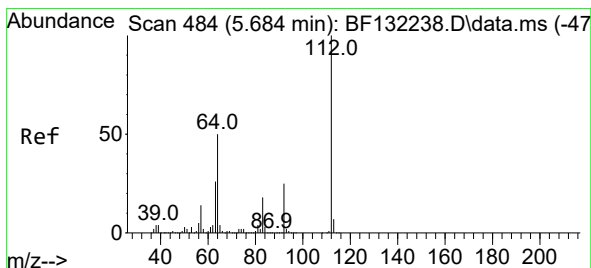
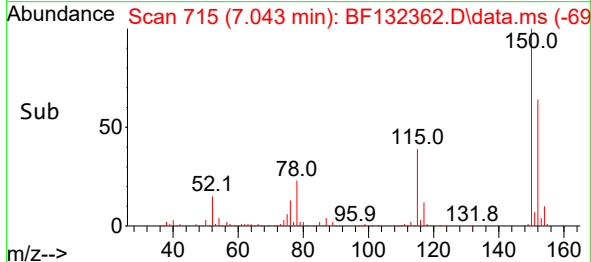
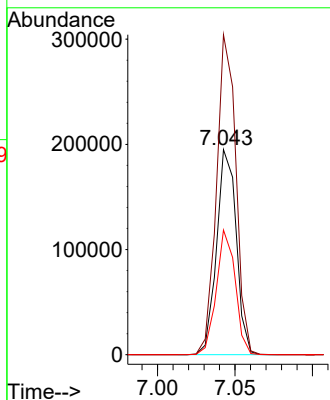
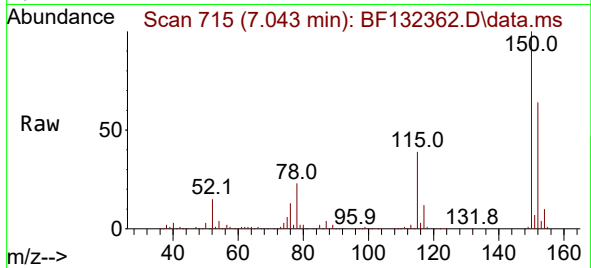




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.043 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF132362.D
Acq: 08 Feb 2023 17:59

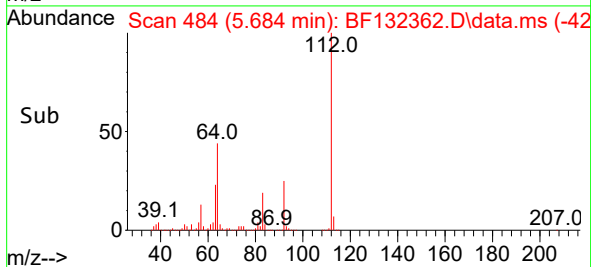
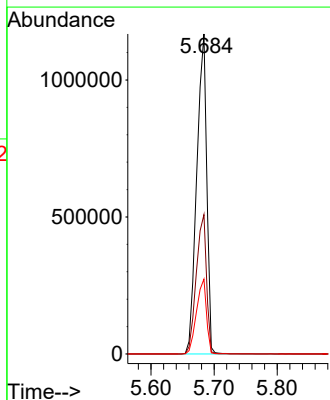
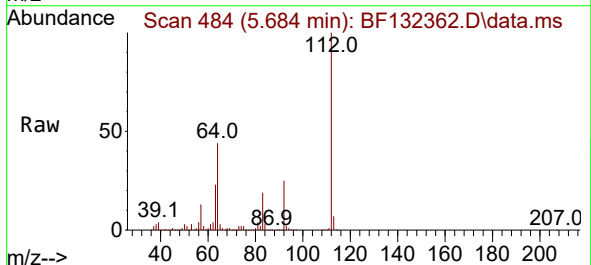
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223

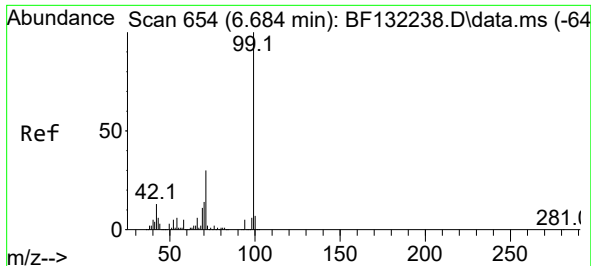
Tgt Ion:152 Resp: 171707
Ion Ratio Lower Upper
152 100
150 156.0 124.2 186.2
115 60.8 47.3 70.9



#5
2-Fluorophenol
Concen: 119.909 ng
RT: 5.684 min Scan# 484
Delta R.T. 0.024 min
Lab File: BF132362.D
Acq: 08 Feb 2023 17:59

Tgt Ion:112 Resp: 1280901
Ion Ratio Lower Upper
112 100
64 43.5 40.0 60.0
63 23.4 20.5 30.7

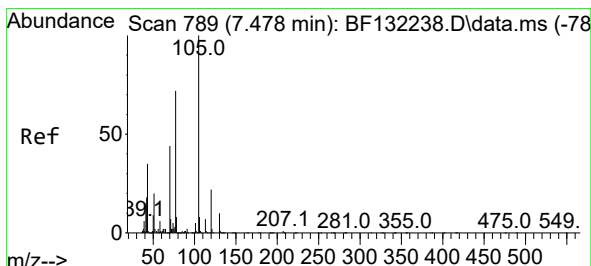
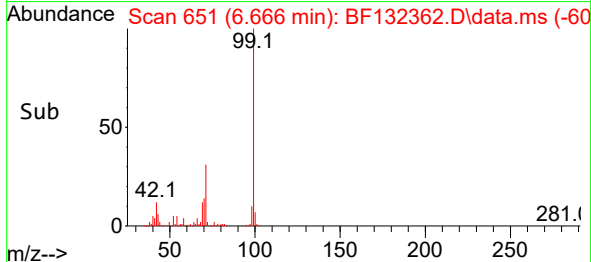
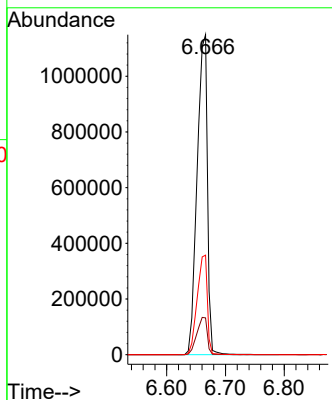
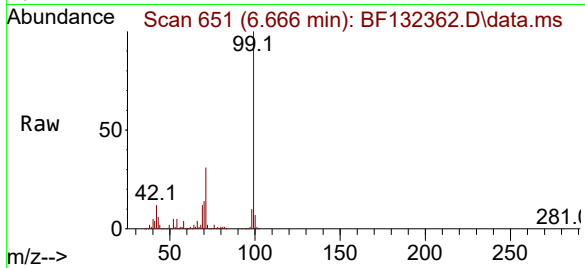




#7
Phenol-d6
Concen: 105.949 ng
RT: 6.666 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132362.D
Acq: 08 Feb 2023 17:59

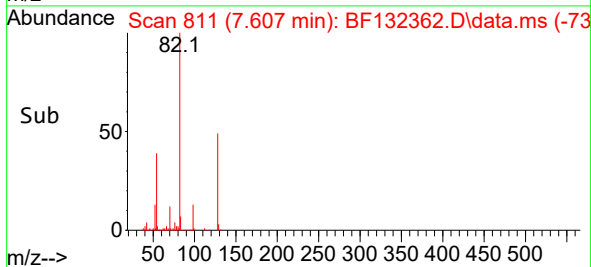
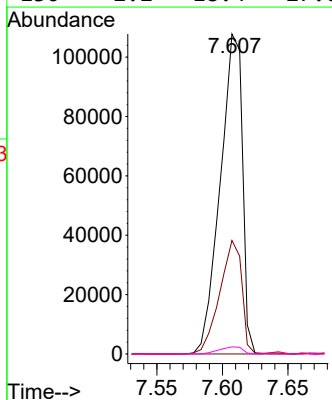
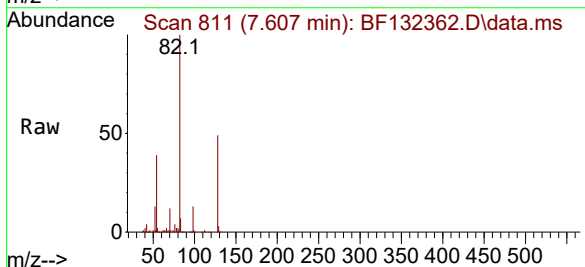
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223

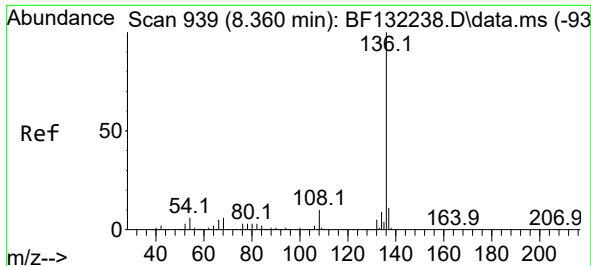
Tgt Ion: 99 Resp: 1395328
Ion Ratio Lower Upper
99 100
42 11.5 10.1 15.1
71 31.1 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.919 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.147 min
Lab File: BF132362.D
Acq: 08 Feb 2023 17:59

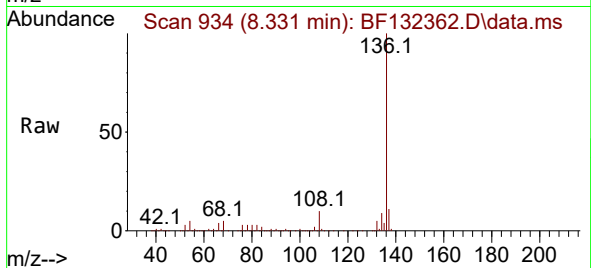
Tgt Ion: 70 Resp: 126564
Ion Ratio Lower Upper
70 100
42 35.5 33.4 50.0
101 0.0 8.2 12.4#
130 2.2 18.4 27.6#



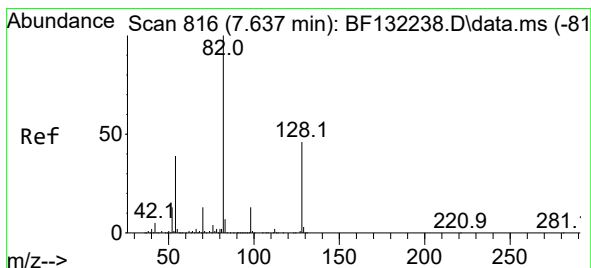
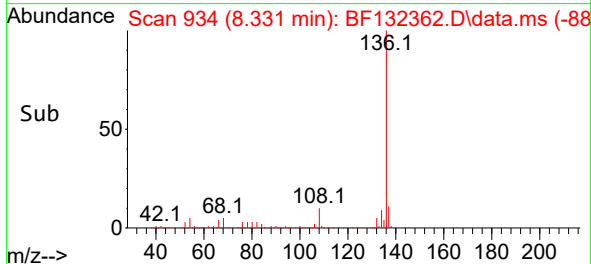
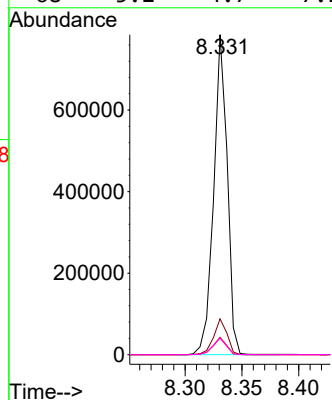


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.331 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132362.D
Acq: 08 Feb 2023 17:59

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223

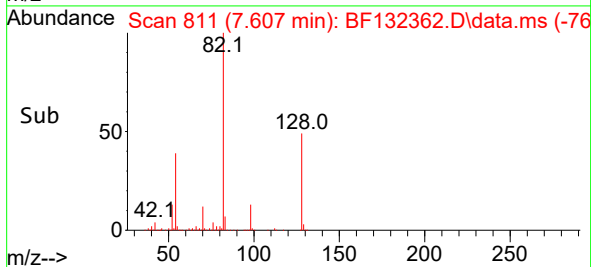
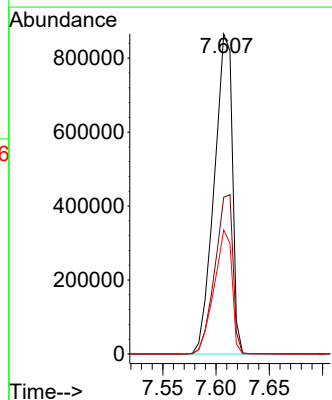
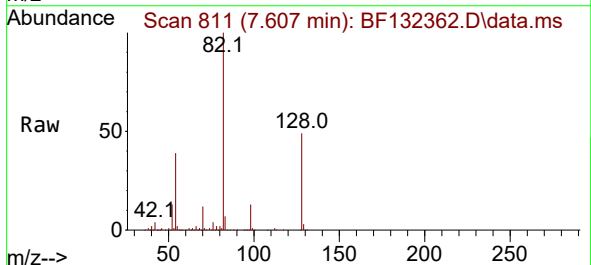


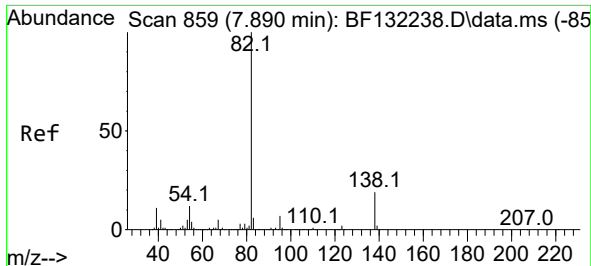
Tgt Ion:136 Resp: 651516
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.5 4.9 7.3
68 5.2 4.7 7.1



#23
Nitrobenzene-d5
Concen: 87.440 ng
RT: 7.607 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF132362.D
Acq: 08 Feb 2023 17:59

Tgt Ion: 82 Resp: 1023747
Ion Ratio Lower Upper
82 100
128 49.0 37.0 55.4
54 38.8 31.5 47.3

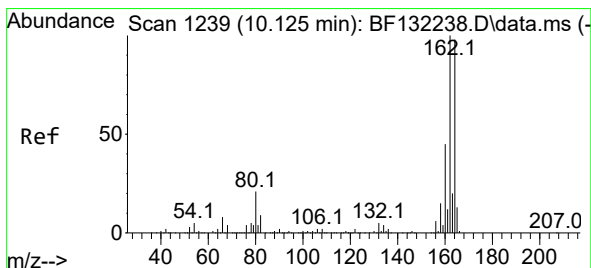
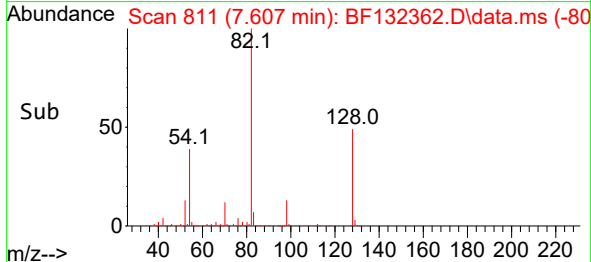
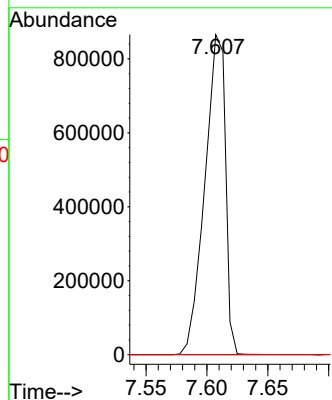
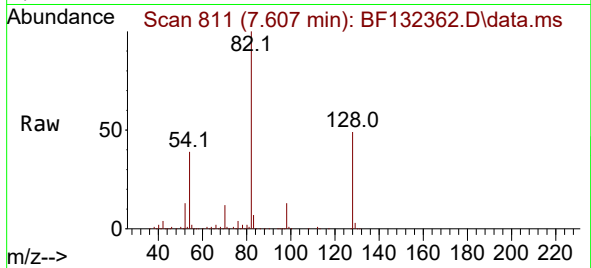




#25
Isophorone
Concen: 45.968 ng
RT: 7.607 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF132362.D
Acq: 08 Feb 2023 17:59

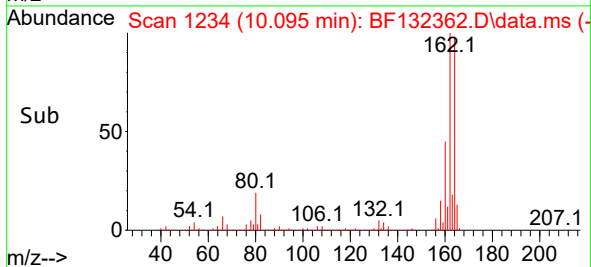
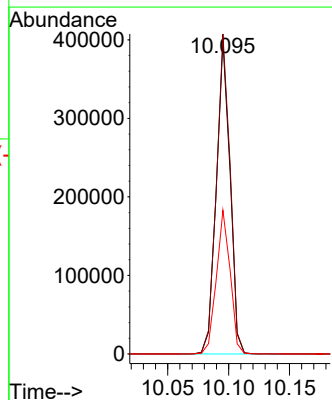
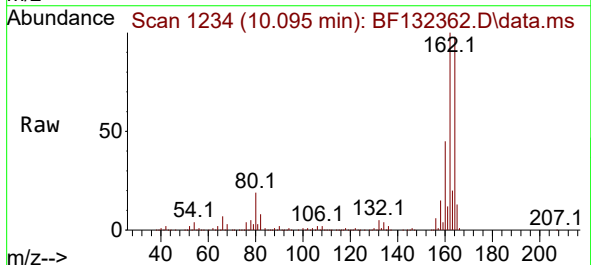
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223

Tgt Ion: 82 Resp: 1021493
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF132362.D
Acq: 08 Feb 2023 17:59

Tgt Ion:164 Resp: 311627
Ion Ratio Lower Upper
164 100
162 102.2 82.0 123.0
160 45.9 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 152.275 ng

RT: 10.889 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF132362.D

Acq: 08 Feb 2023 17:59

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223

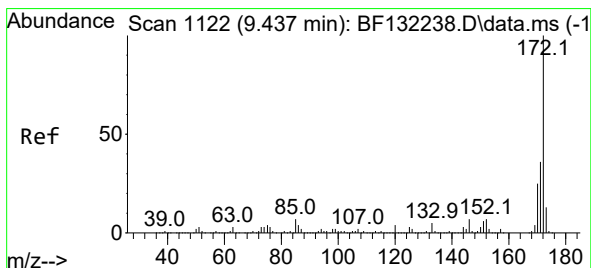
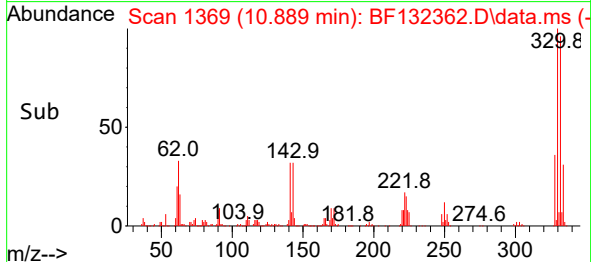
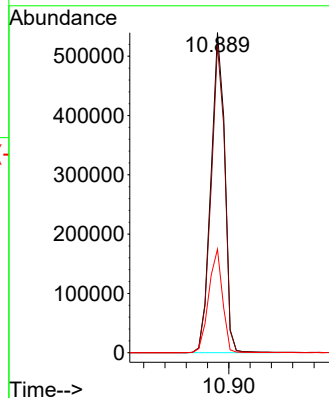
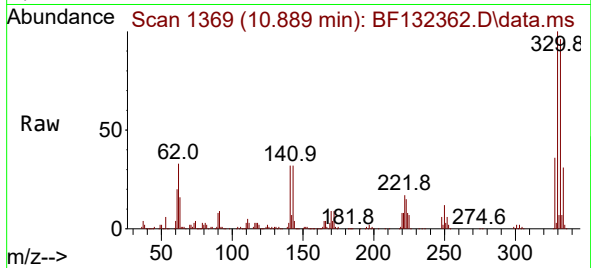
Tgt Ion:330 Resp: 487989

Ion Ratio Lower Upper

330 100

332 95.6 77.9 116.9

141 32.3 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 90.526 ng

RT: 9.413 min Scan# 1118

Delta R.T. 0.000 min

Lab File: BF132362.D

Acq: 08 Feb 2023 17:59

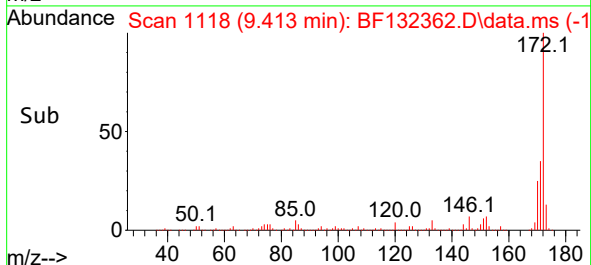
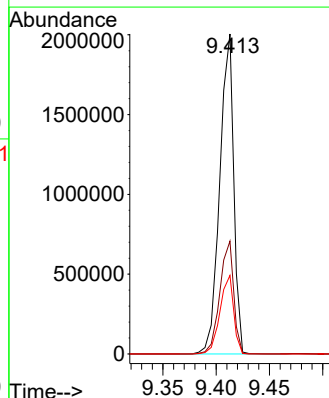
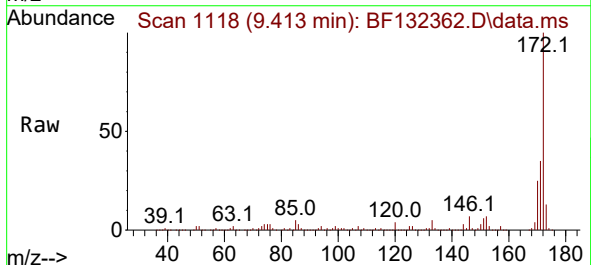
Tgt Ion:172 Resp: 1826797

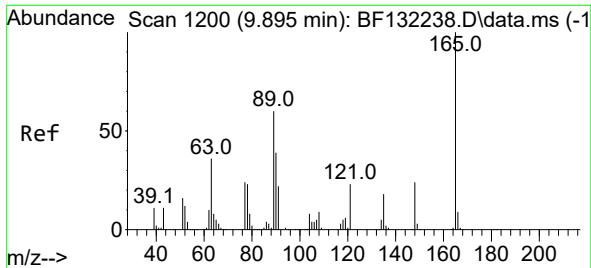
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 24.5 19.7 29.5

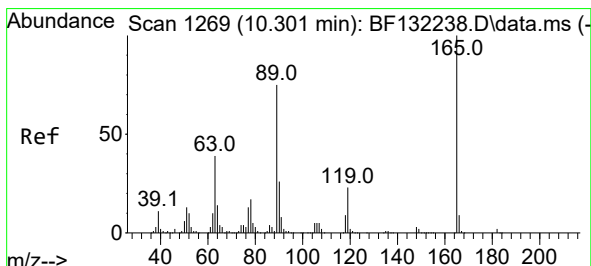
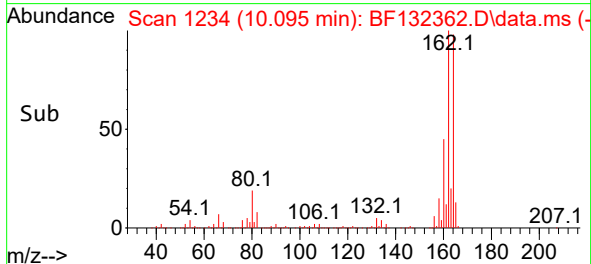
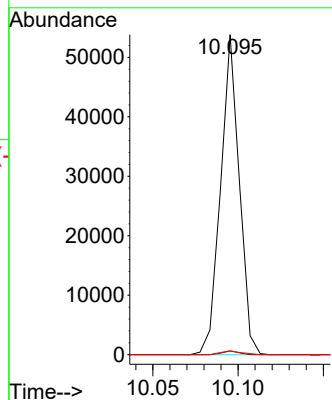
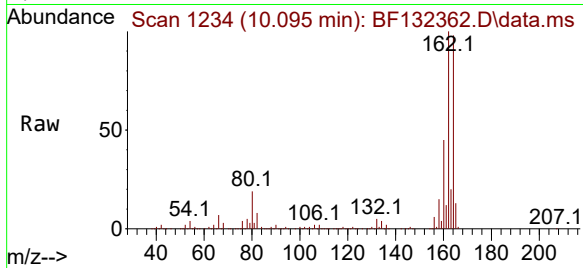




#51
2,6-Dinitrotoluene
Concen: 8.417 ng
RT: 10.095 min Scan# 1234
Delta R.T. 0.218 min
Lab File: BF132362.D
Acq: 08 Feb 2023 17:59

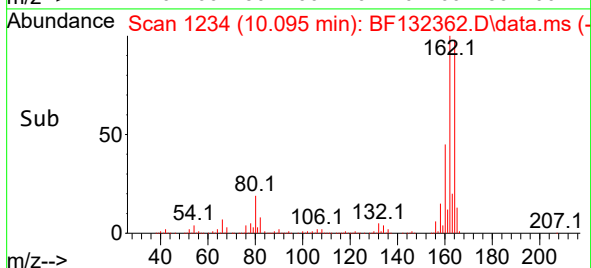
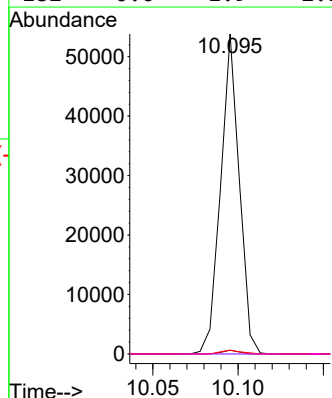
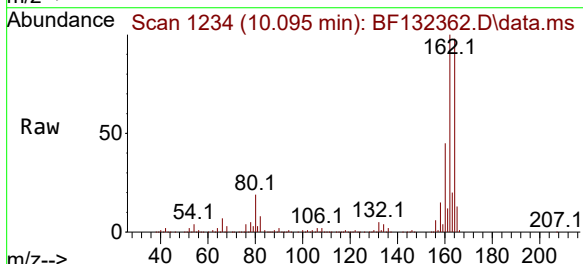
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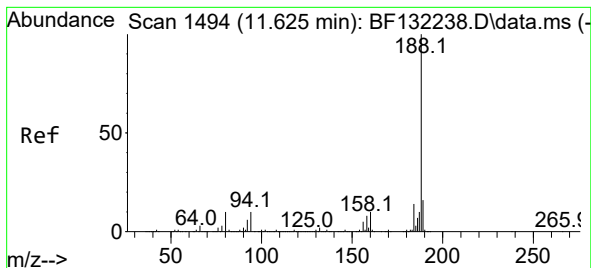
Tgt Ion:165 Resp: 40975
Ion Ratio Lower Upper
165 100
63 1.1 41.5 62.3#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.479 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.188 min
Lab File: BF132362.D
Acq: 08 Feb 2023 17:59

Tgt Ion:165 Resp: 40975
Ion Ratio Lower Upper
165 100
63 1.1 30.9 46.3#
89 1.2 60.1 90.1#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.589 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF132362.D

Acq: 08 Feb 2023 17:59

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223

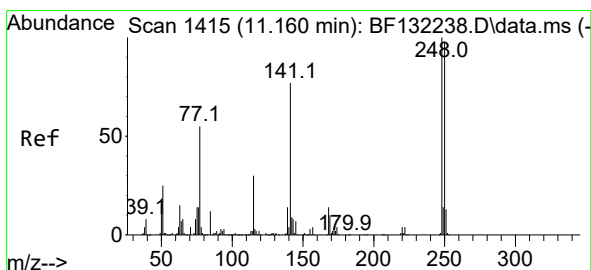
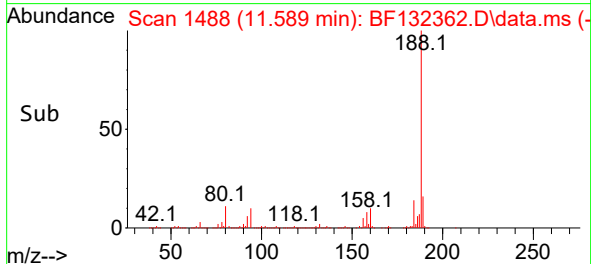
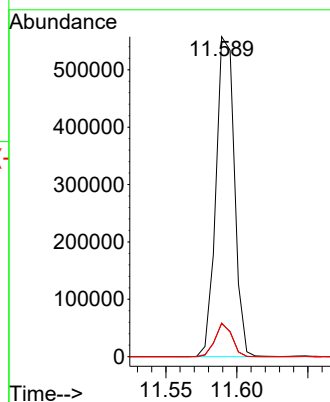
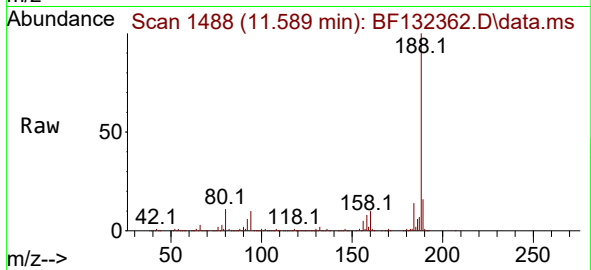
Tgt Ion:188 Resp: 503366

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

80 10.5 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 5.459 ng

RT: 10.889 min Scan# 1369

Delta R.T. -0.241 min

Lab File: BF132362.D

Acq: 08 Feb 2023 17:59

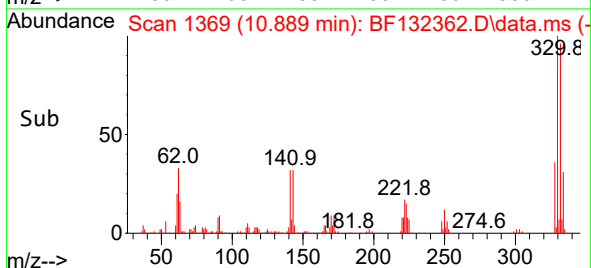
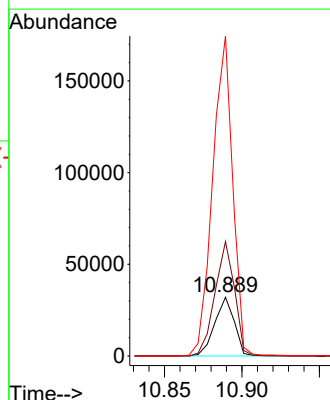
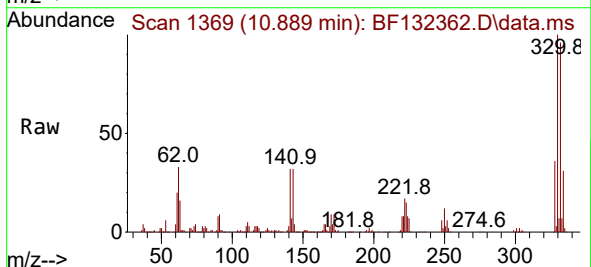
Tgt Ion:248 Resp: 28137

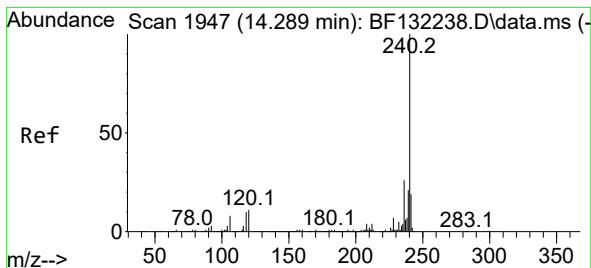
Ion Ratio Lower Upper

248 100

250 194.8 78.6 117.8#

141 545.1 61.6 92.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.248 min Scan# 1940

Delta R.T. -0.006 min

Lab File: BF132362.D

Acq: 08 Feb 2023 17:59

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223

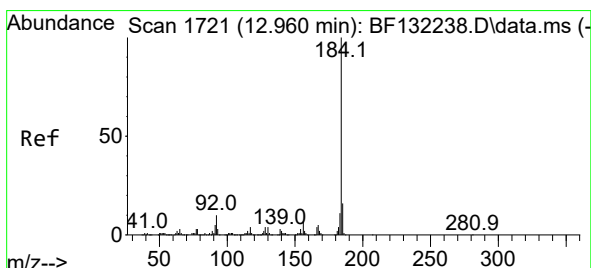
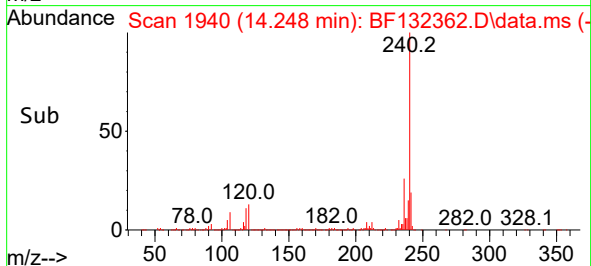
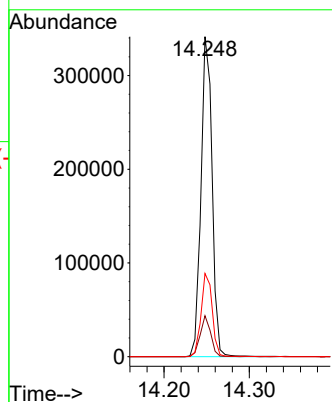
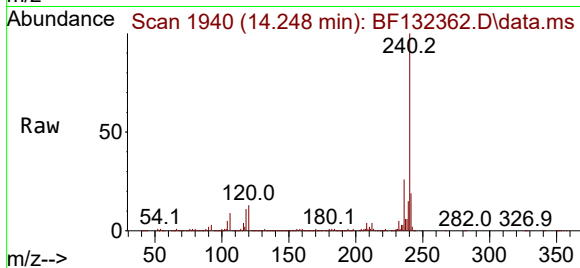
Tgt Ion:240 Resp: 309579

Ion Ratio Lower Upper

240 100

120 12.8 8.8 13.2

236 26.0 21.0 31.6



#77

Benzidine

Concen: 2.330 ng

RT: 13.183 min Scan# 1759

Delta R.T. 0.253 min

Lab File: BF132362.D

Acq: 08 Feb 2023 17:59

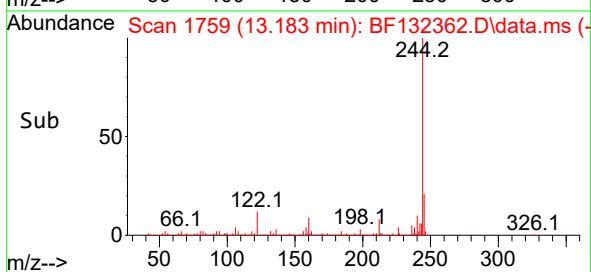
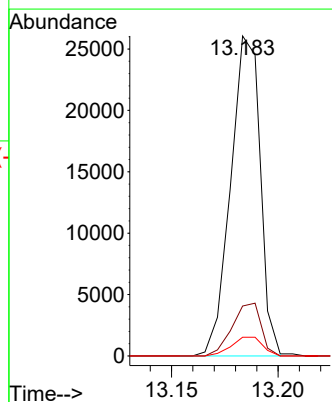
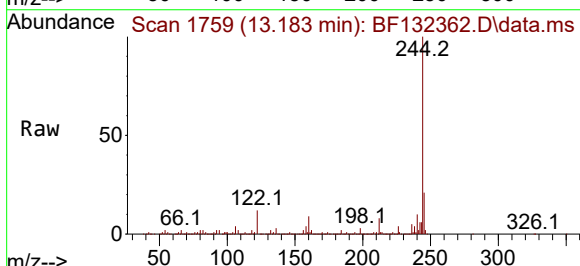
Tgt Ion:184 Resp: 25217

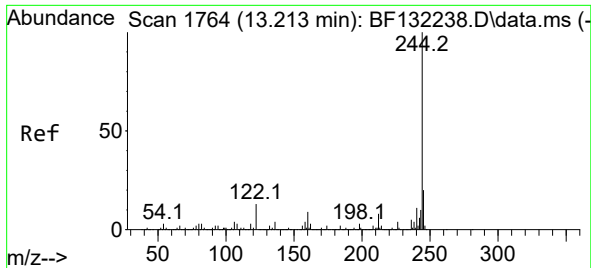
Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

183 5.9 8.9 13.3#

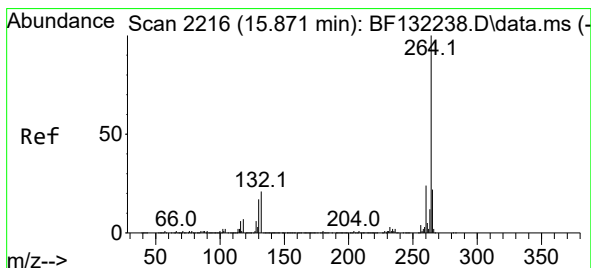
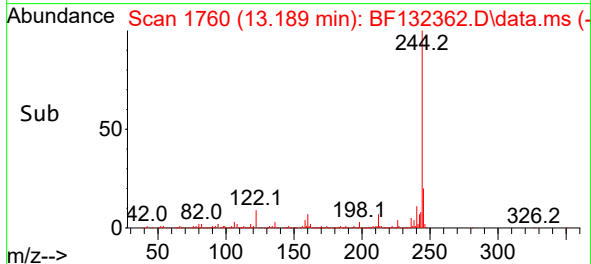
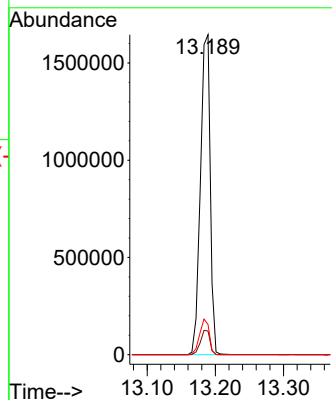
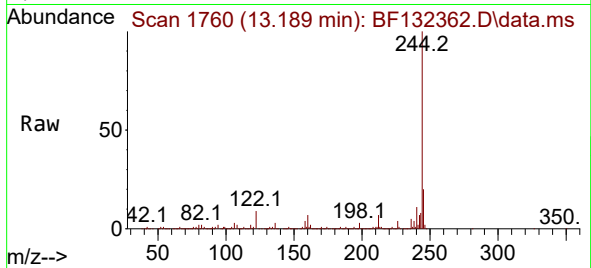




#79
 Terphenyl-d14
 Concen: 102.823 ng
 RT: 13.189 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132362.D
 Acq: 08 Feb 2023 17:59

Instrument :
 BNA_F
 ClientSampleId :
 JPP-16-020223

Tgt Ion:244 Resp: 1645567
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 9.4 10.5 15.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.824 min Scan# 2208
 Delta R.T. 0.000 min
 Lab File: BF132362.D
 Acq: 08 Feb 2023 17:59

Tgt Ion:264 Resp: 224776
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.6 17.4 26.2

