

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132755.D
 Acq On : 13 Mar 2023 11:29
 Operator : CG\JU
 Sample : PB151350BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151350BL

Quant Time: Mar 14 01:27:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

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

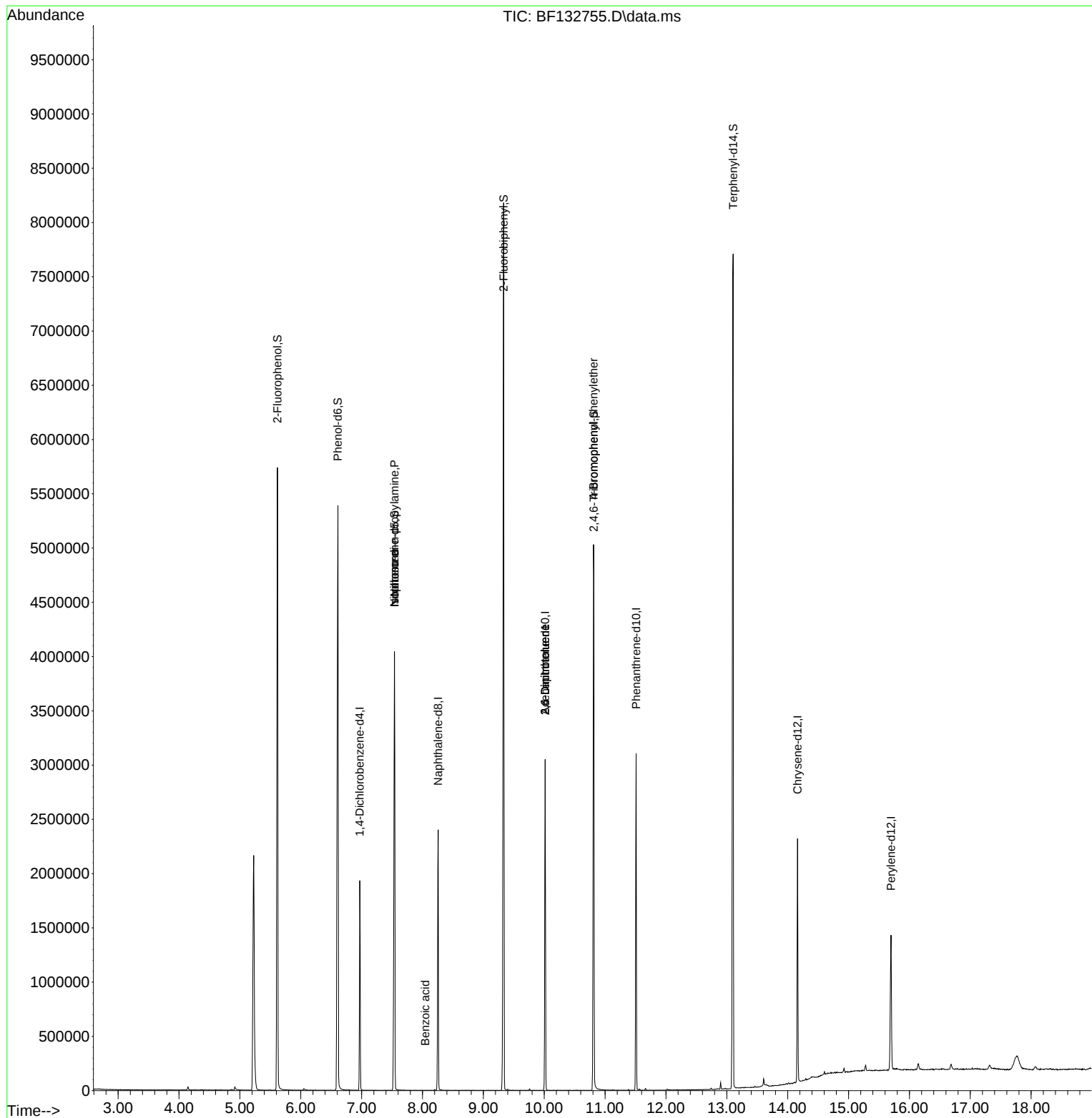
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	282571	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	1053017	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	587803	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	1108108	20.000	ng	0.00
76) Chrysene-d12	14.163	240	731923	20.000	ng	0.00
86) Perylene-d12	15.698	264	589046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1913380	109.897	ng	0.02
7) Phenol-d6	6.610	99	2479763	109.132	ng	0.00
23) Nitrobenzene-d5	7.539	82	1688465	76.075	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	750353	118.203	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	2730149	70.723	ng	0.00
79) Terphenyl-d14	13.104	244	3332550	76.982	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.539	70	224223	16.034	ng	# 75
25) Isophorone	7.539	82	1681494	39.516	ng	# 67
32) Benzoic acid	8.045	122	67	3.841	ng	# 1
51) 2,6-Dinitrotoluene	10.016	165	75222	7.717	ng	# 22
57) 2,4-Dinitrotoluene	10.016	165	75222	5.801	ng	# 21
67) 4-Bromophenyl-phenylether	10.810	248	48623	3.879	ng	# 1

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

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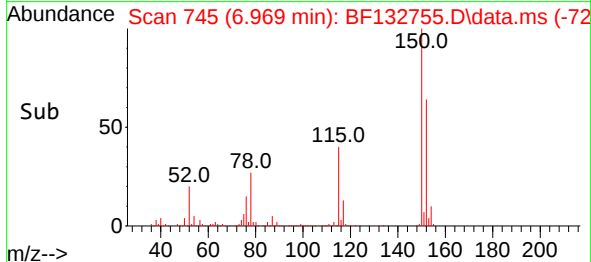
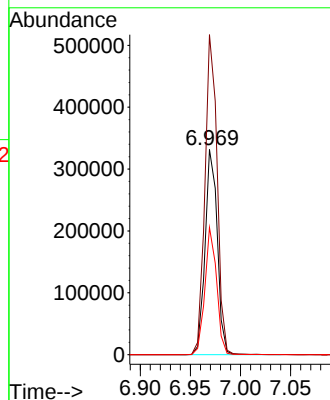
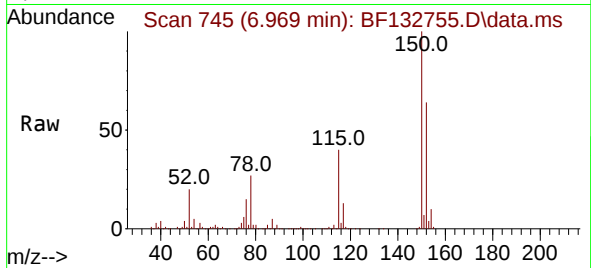




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132755.D
Acq: 13 Mar 2023 11:29

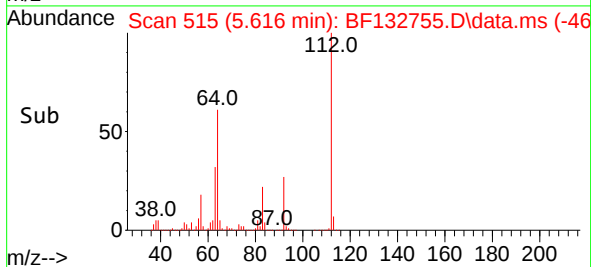
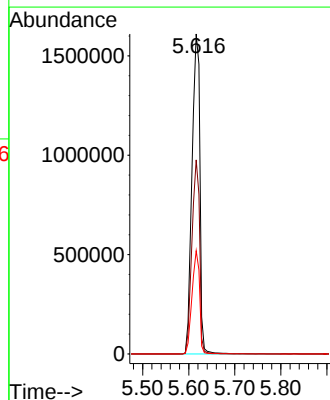
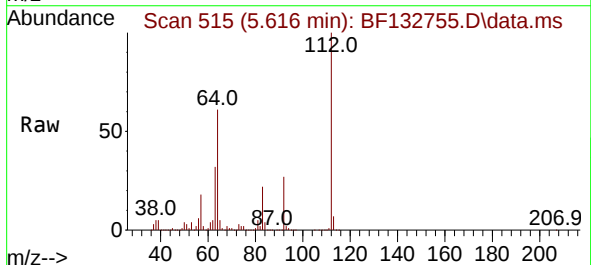
Instrument :
BNA_F
ClientSampleId :
PB151350BL

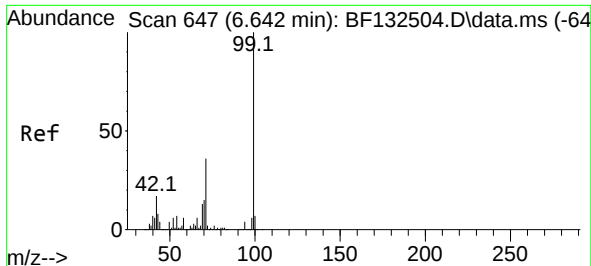
Tgt Ion:152 Resp: 282571
Ion Ratio Lower Upper
152 100
150 156.0 125.4 188.2
115 62.0 47.8 71.6



#5
2-Fluorophenol
Concen: 109.897 ng
RT: 5.616 min Scan# 515
Delta R.T. 0.018 min
Lab File: BF132755.D
Acq: 13 Mar 2023 11:29

Tgt Ion:112 Resp: 1913380
Ion Ratio Lower Upper
112 100
64 60.7 51.6 77.4
63 32.2 27.4 41.2

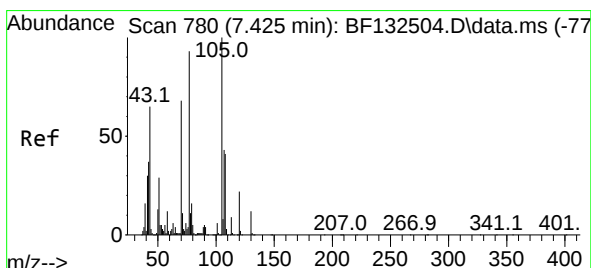
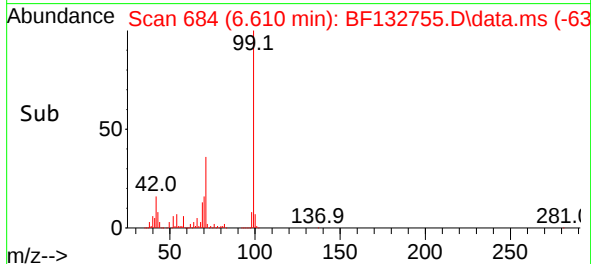
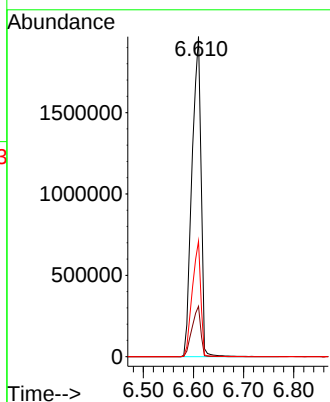
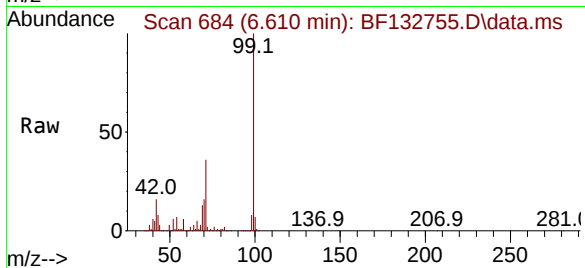




#7
Phenol-d6
Concen: 109.132 ng
RT: 6.610 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132755.D
Acq: 13 Mar 2023 11:29

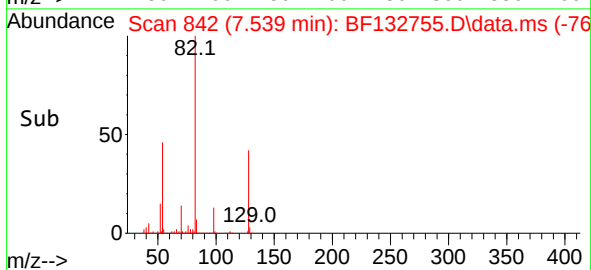
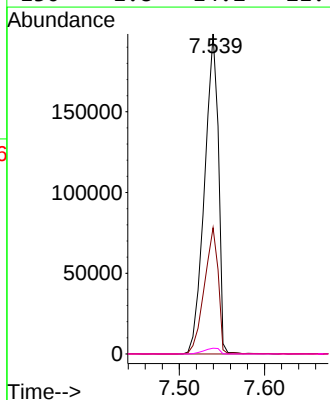
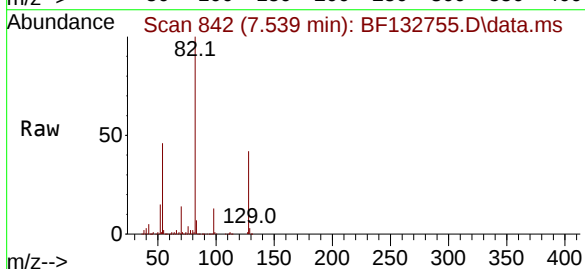
Instrument :
BNA_F
ClientSampleId :
PB151350BL

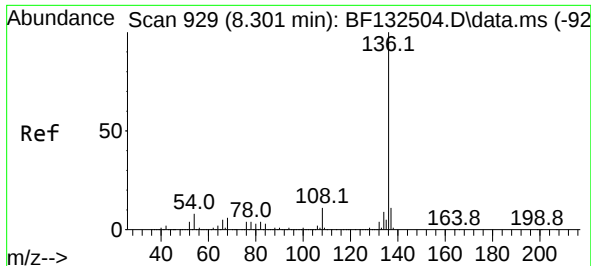
Tgt Ion: 99 Resp: 2479763
Ion Ratio Lower Upper
99 100
42 15.8 13.9 20.9
71 36.1 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.034 ng
RT: 7.539 min Scan# 842
Delta R.T. 0.153 min
Lab File: BF132755.D
Acq: 13 Mar 2023 11:29

Tgt Ion: 70 Resp: 224223
Ion Ratio Lower Upper
70 100
42 39.5 44.1 66.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.4#

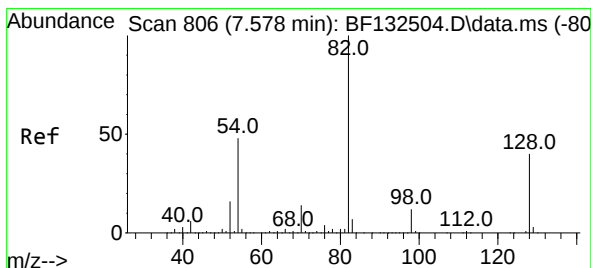
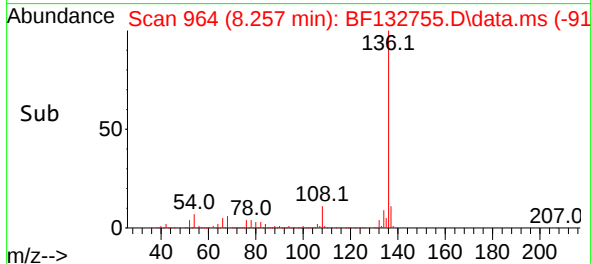
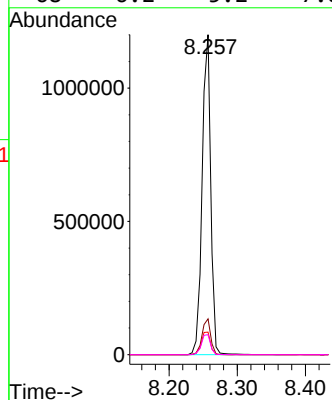
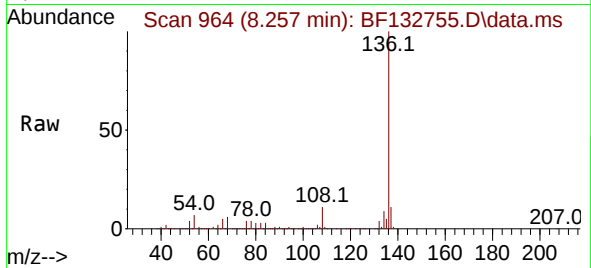




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132755.D
Acq: 13 Mar 2023 11:29

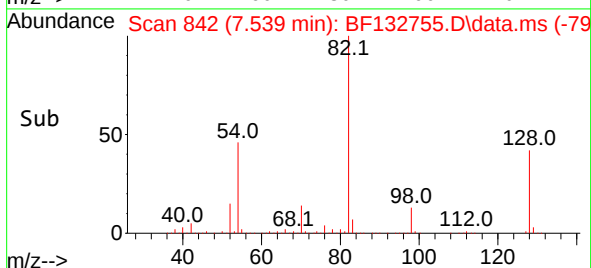
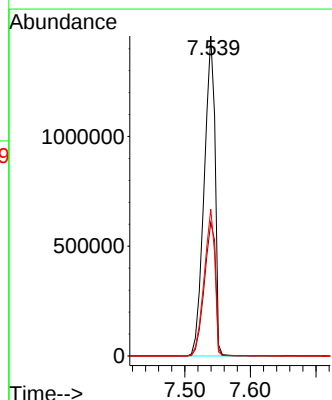
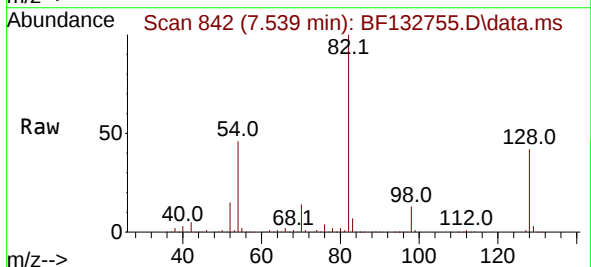
Instrument :
BNA_F
ClientSampleId :
PB151350BL

Tgt Ion:136 Resp: 1053017
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.0 6.2 9.4
68 6.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 76.075 ng
RT: 7.539 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF132755.D
Acq: 13 Mar 2023 11:29

Tgt Ion: 82 Resp: 1688465
Ion Ratio Lower Upper
82 100
128 41.7 32.2 48.2
54 45.9 38.4 57.6

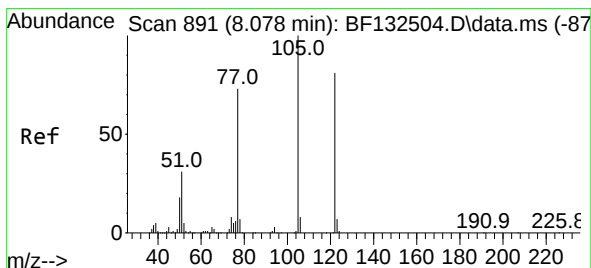
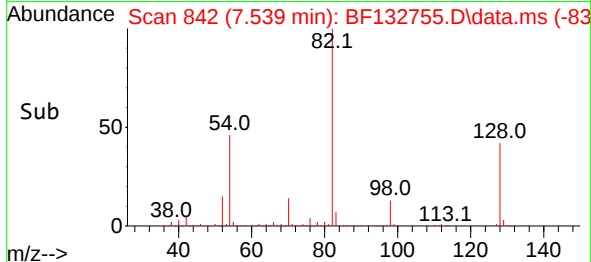
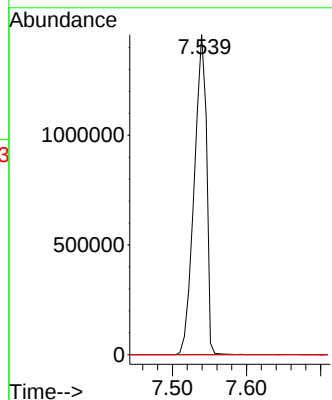
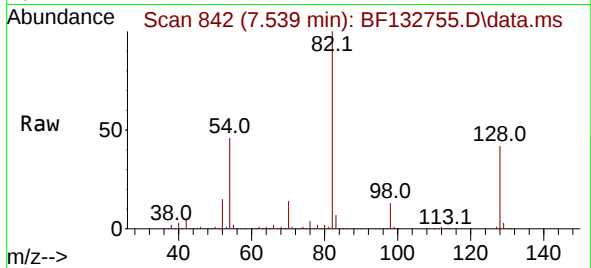




#25
Isophorone
Concen: 39.516 ng
RT: 7.539 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132755.D
Acq: 13 Mar 2023 11:29

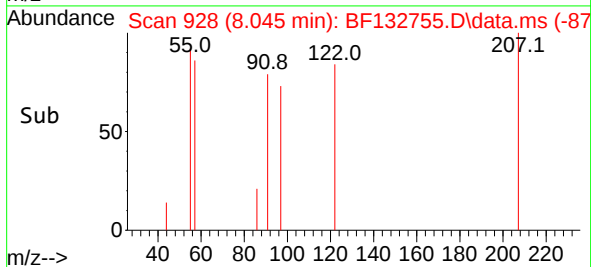
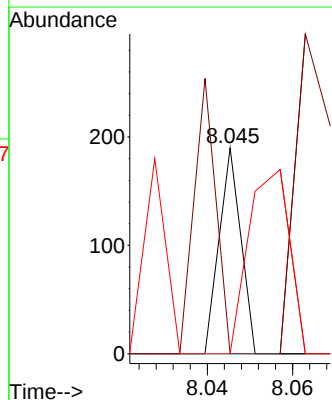
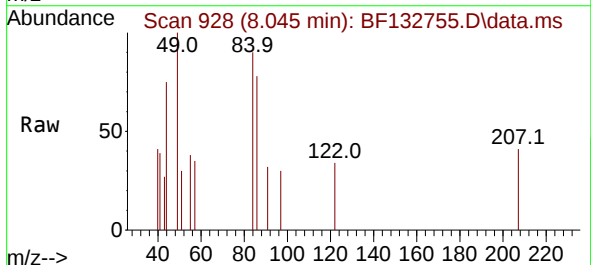
Instrument :
BNA_F
ClientSampleId :
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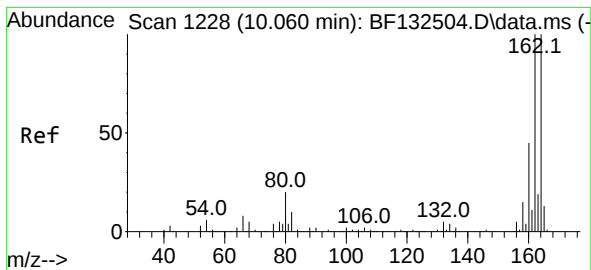
Tgt Ion: 82 Resp: 1681494
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.841 ng
RT: 8.045 min Scan# 928
Delta R.T. 0.006 min
Lab File: BF132755.D
Acq: 13 Mar 2023 11:29

Tgt Ion: 122 Resp: 67
Ion Ratio Lower Upper
122 100
105 0.0 102.6 142.6#
77 0.0 70.2 110.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132755.D

Acq: 13 Mar 2023 11:29

Instrument :

BNA_F

ClientSampleId :

PB151350BL

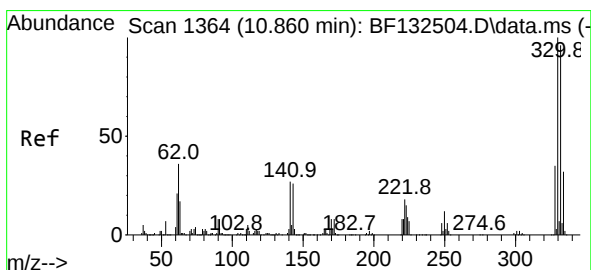
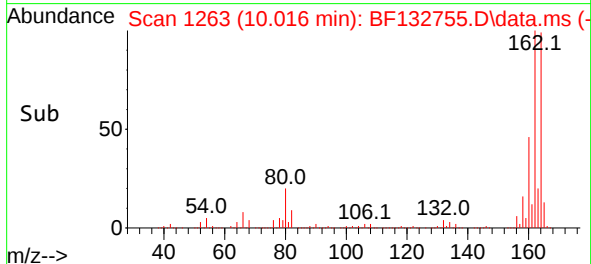
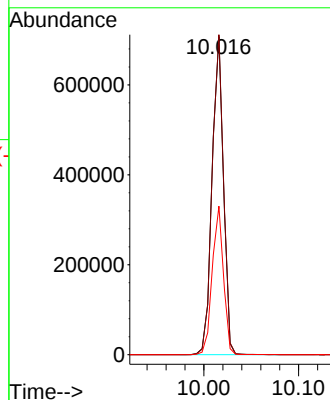
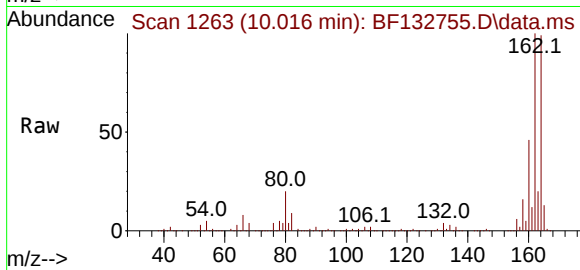
Tgt Ion:164 Resp: 587803

Ion Ratio Lower Upper

164 100

162 100.6 79.8 119.8

160 46.7 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 118.203 ng

RT: 10.816 min Scan# 1399

Delta R.T. 0.000 min

Lab File: BF132755.D

Acq: 13 Mar 2023 11:29

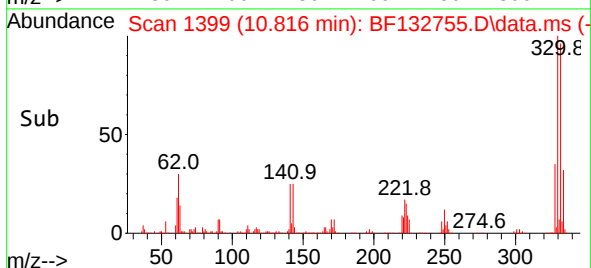
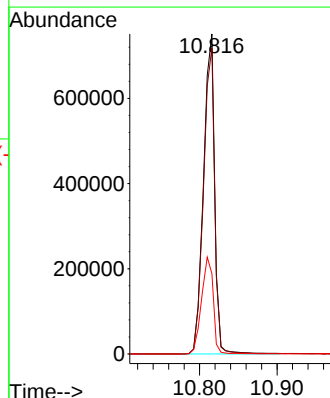
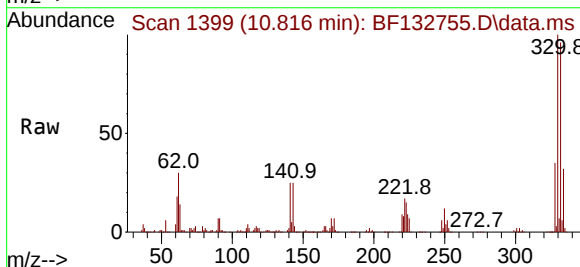
Tgt Ion:330 Resp: 750353

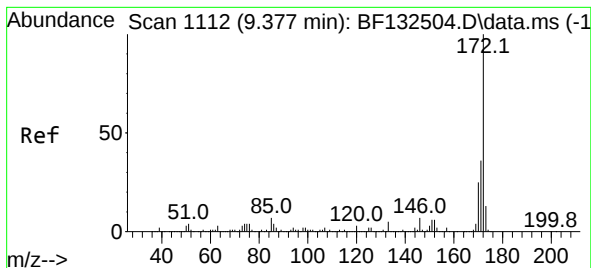
Ion Ratio Lower Upper

330 100

332 95.8 76.2 114.4

141 31.8 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 70.723 ng

RT: 9.333 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BF132755.D

Acq: 13 Mar 2023 11:29

Instrument :

BNA_F

ClientSampleId :

PB151350BL

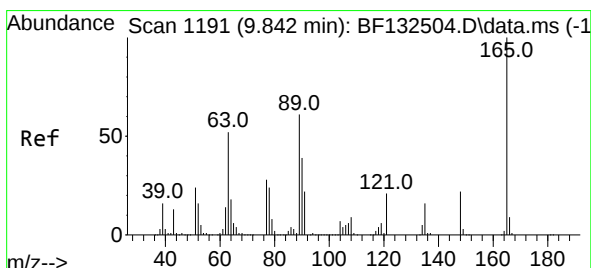
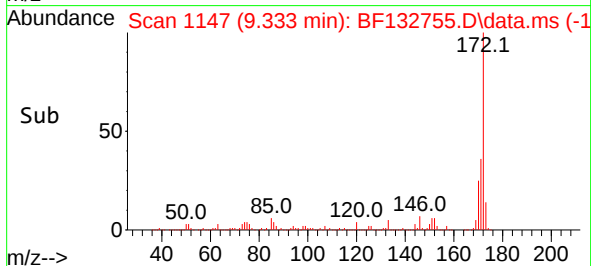
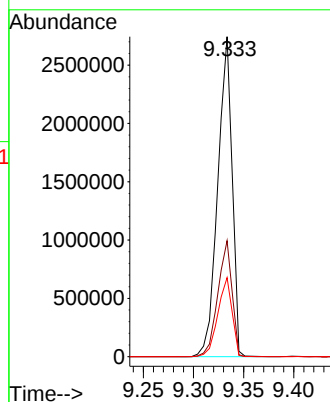
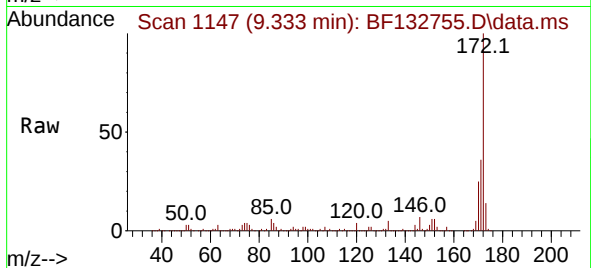
Tgt Ion:172 Resp: 2730149

Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.7 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.717 ng

RT: 10.016 min Scan# 1263

Delta R.T. 0.212 min

Lab File: BF132755.D

Acq: 13 Mar 2023 11:29

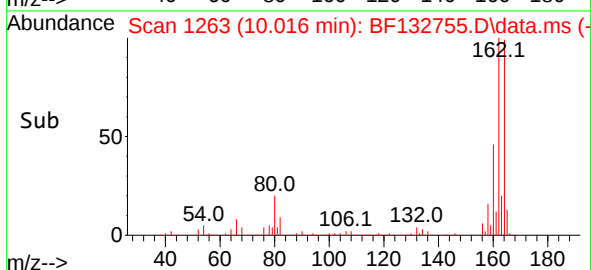
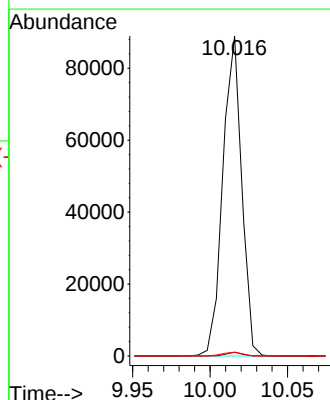
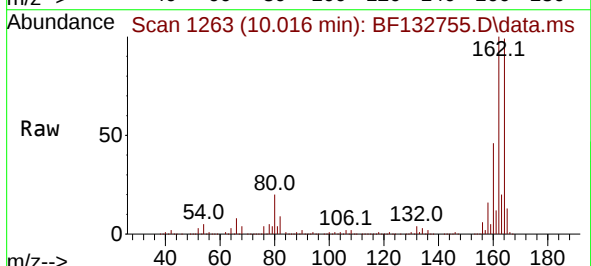
Tgt Ion:165 Resp: 75222

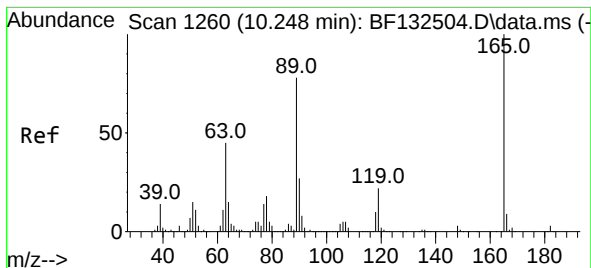
Ion Ratio Lower Upper

165 100

63 1.2 47.3 70.9#

89 1.2 48.9 73.3#

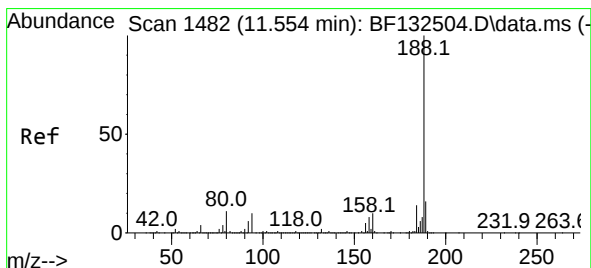
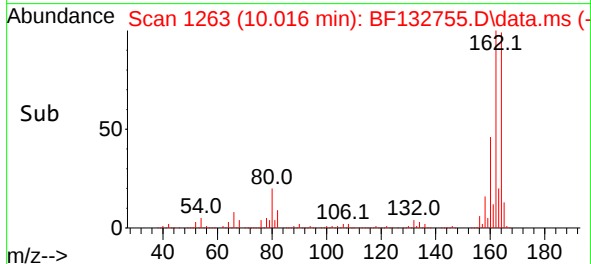
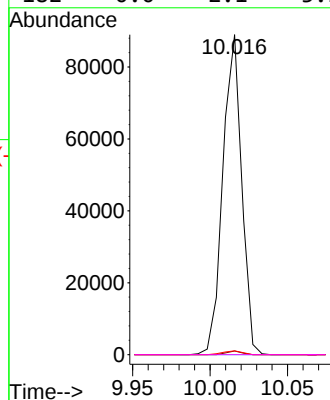
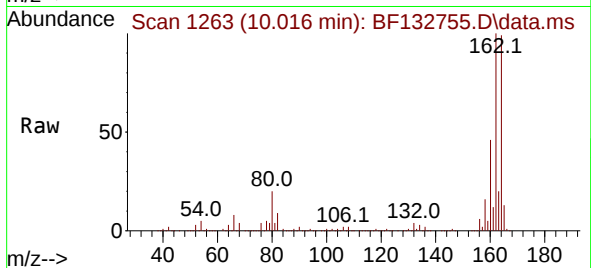




#57
2,4-Dinitrotoluene
Concen: 5.801 ng
RT: 10.016 min Scan# 1517
Delta R.T. -0.194 min
Lab File: BF132755.D
Acq: 13 Mar 2023 11:29

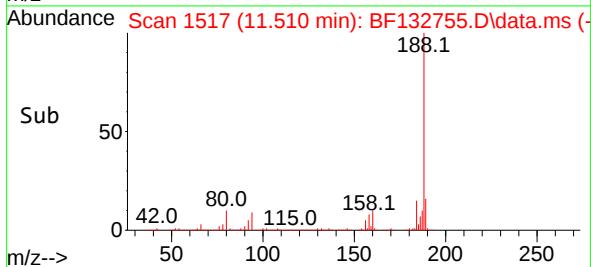
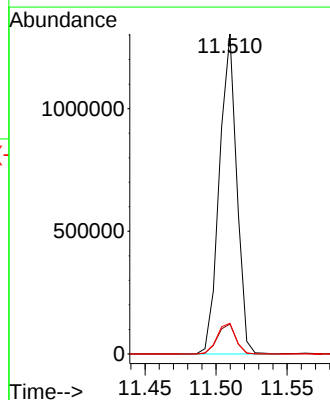
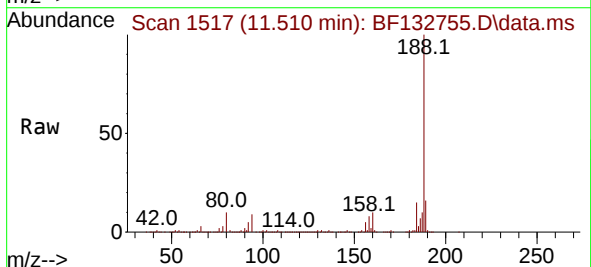
Instrument :
BNA_F
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PB151350BL

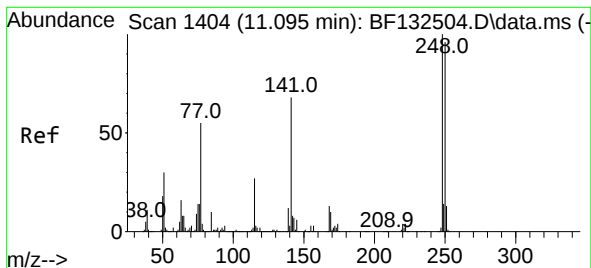
Tgt Ion:165 Resp: 75222
Ion Ratio Lower Upper
165 100
63 1.2 36.5 54.7#
89 1.2 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF132755.D
Acq: 13 Mar 2023 11:29

Tgt Ion:188 Resp: 1108108
Ion Ratio Lower Upper
188 100
94 9.3 8.3 12.5
80 9.6 8.7 13.1

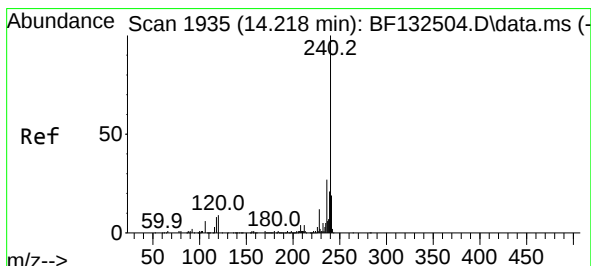
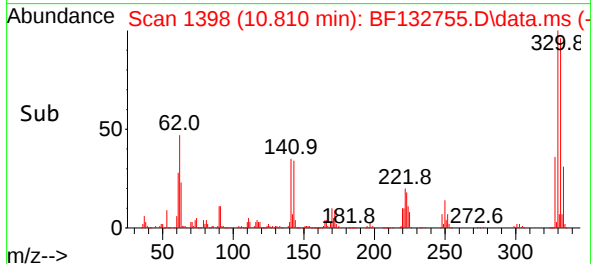
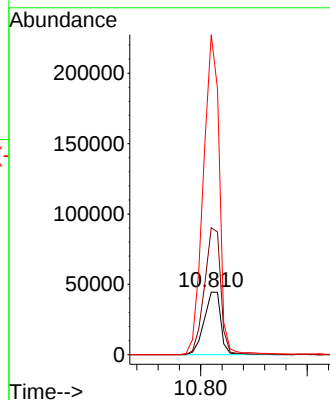
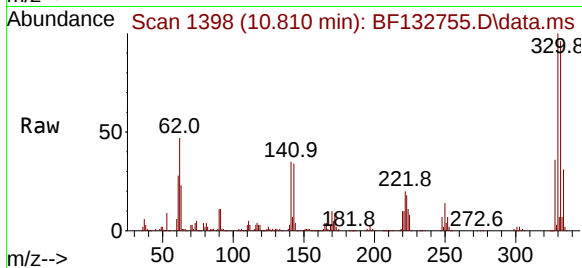




#67
4-Bromophenyl-phenylether
Concen: 3.879 ng
RT: 10.810 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132755.D
Acq: 13 Mar 2023 11:29

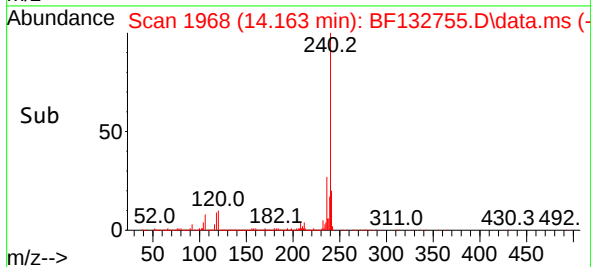
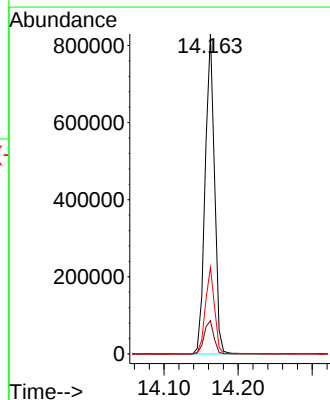
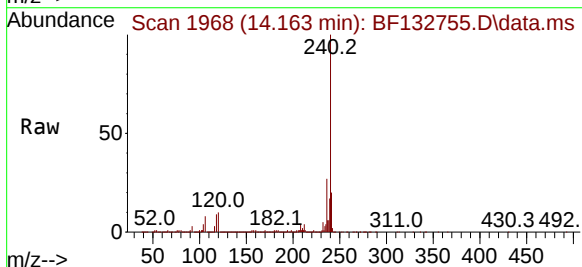
Instrument :
BNA_F
ClientSampleId :
PB151350BL

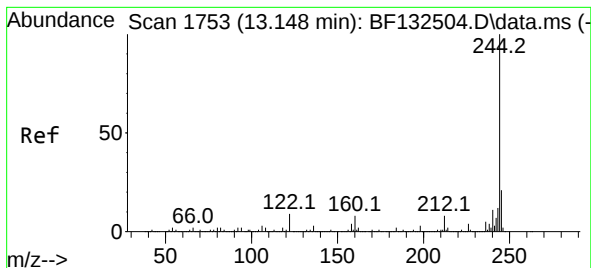
Tgt Ion:248 Resp: 48623
Ion Ratio Lower Upper
248 100
250 202.9 77.0 115.4#
141 512.1 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BF132755.D
Acq: 13 Mar 2023 11:29

Tgt Ion:240 Resp: 731923
Ion Ratio Lower Upper
240 100
120 10.4 7.2 10.8
236 27.1 21.8 32.6





#79

Terphenyl-d14

Concen: 76.982 ng

RT: 13.104 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132755.D

Acq: 13 Mar 2023 11:29

Instrument :

BNA_F

ClientSampleId :

PB151350BL

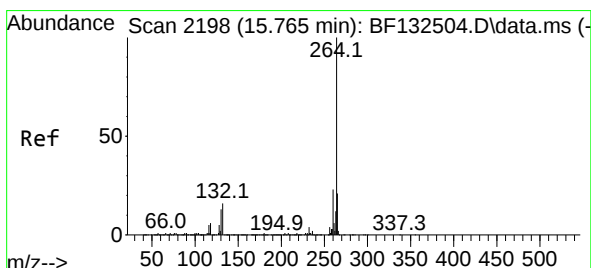
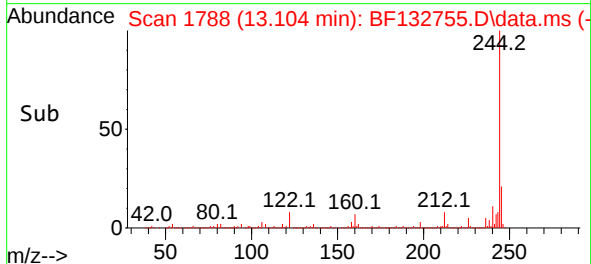
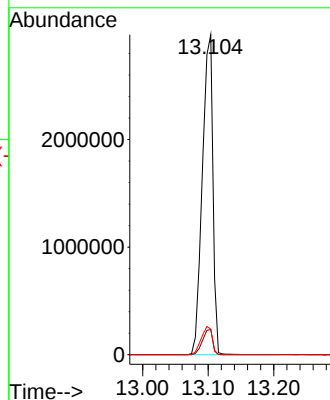
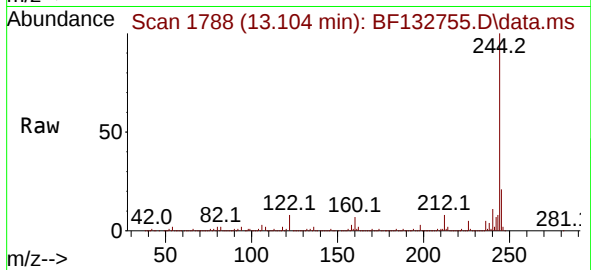
Tgt Ion:244 Resp: 3332550

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 8.0 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.698 min Scan# 2229

Delta R.T. 0.000 min

Lab File: BF132755.D

Acq: 13 Mar 2023 11:29

Tgt Ion:264 Resp: 589046

Ion Ratio Lower Upper

264 100

260 25.1 18.8 28.2

265 21.6 17.1 25.7

