

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132758.D
 Acq On : 13 Mar 2023 13:37
 Operator : CG\JU
 Sample : PB151349BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151349BL

Quant Time: Mar 14 01:29:47 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)

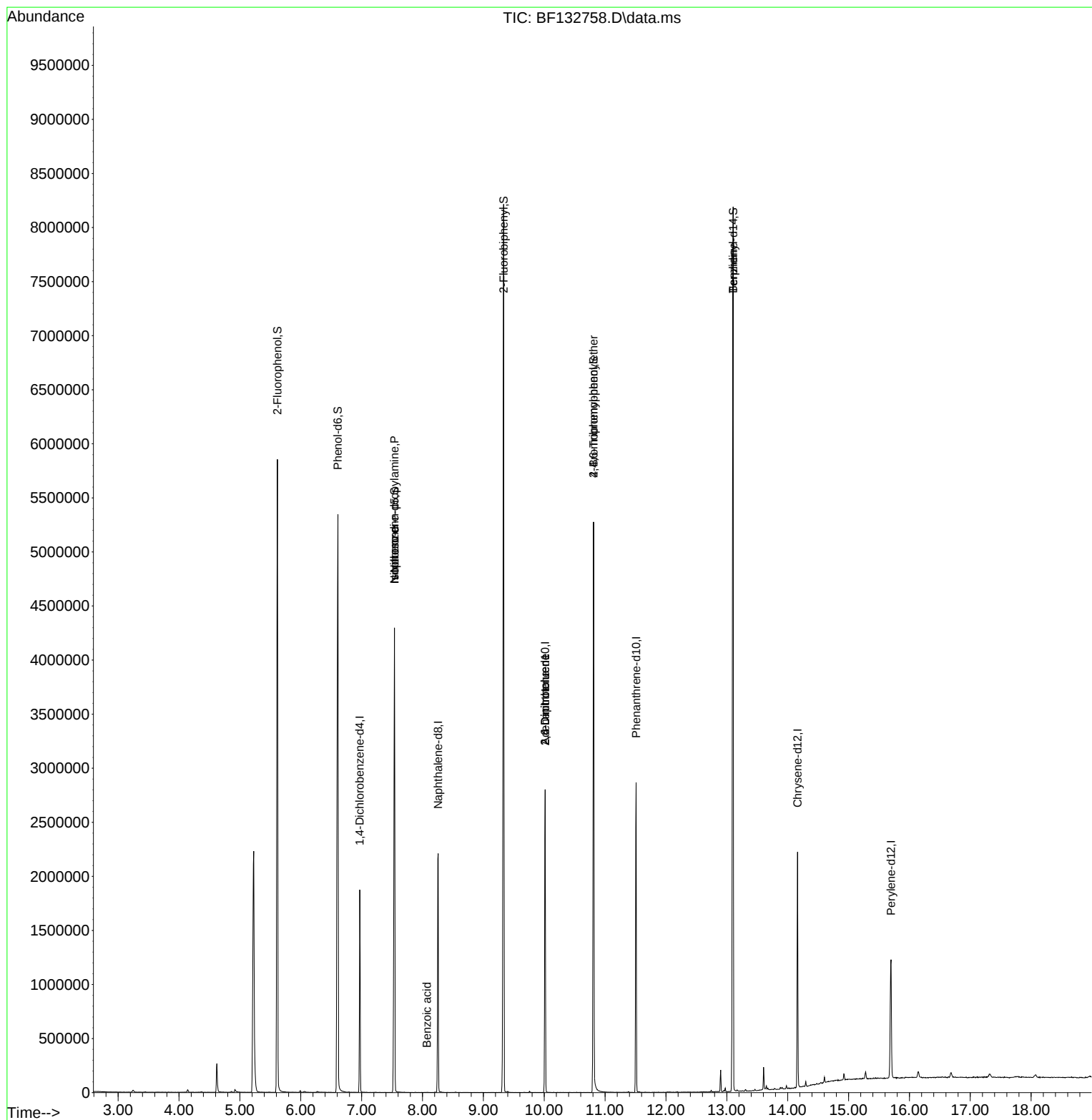
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	266763	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	1020049	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	566340	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	1076537	20.000	ng	0.00
76) Chrysene-d12	14.163	240	686642	20.000	ng	0.00
86) Perylene-d12	15.698	264	547324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1927957	117.296	ng	0.02
7) Phenol-d6	6.610	99	2507672	116.900	ng	0.00
23) Nitrobenzene-d5	7.539	82	1693874	78.785	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	773433	126.456	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	2762830	74.281	ng	0.00
79) Terphenyl-d14	13.104	244	3425917	84.358	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.539	70	223524	16.931	ng	# 74
25) Isophorone	7.539	82	1686367	40.911	ng	# 67
32) Benzoic acid	8.075	122	465	3.870	ng	# 74
51) 2,6-Dinitrotoluene	10.016	165	72955	7.768	ng	# 22
57) 2,4-Dinitrotoluene	10.016	165	72955	5.839	ng	# 21
67) 4-Bromophenyl-phenylether	10.810	248	49007	4.024	ng	# 1
77) Benzidine	13.104	184	49814	2.980	ng	# 95

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

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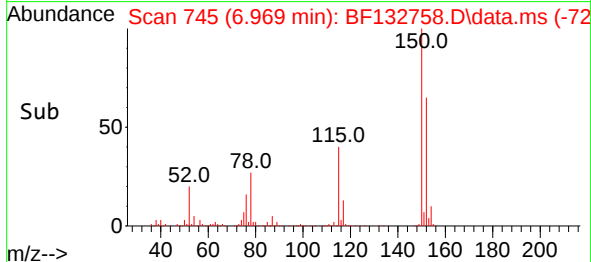
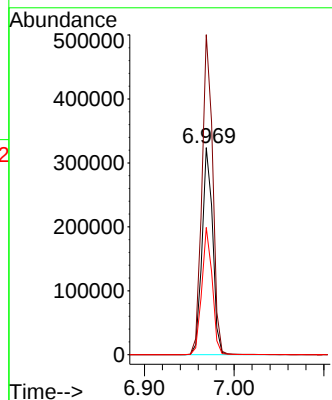
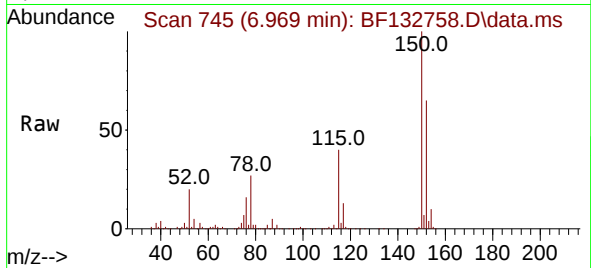




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132758.D
Acq: 13 Mar 2023 13:37

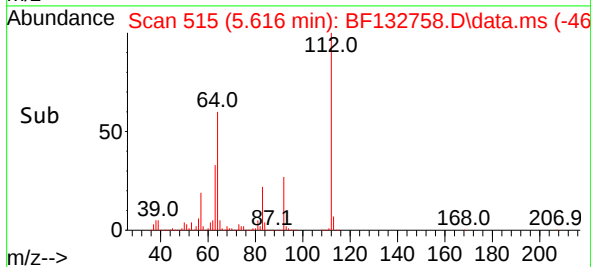
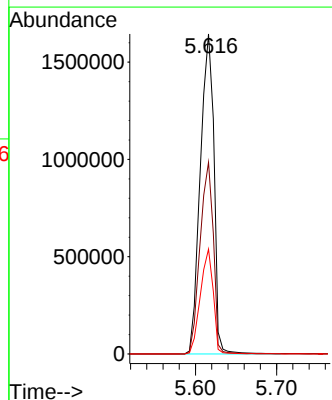
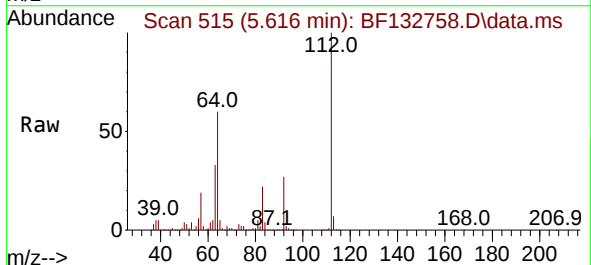
Instrument :
BNA_F
ClientSampleId :
PB151349BL

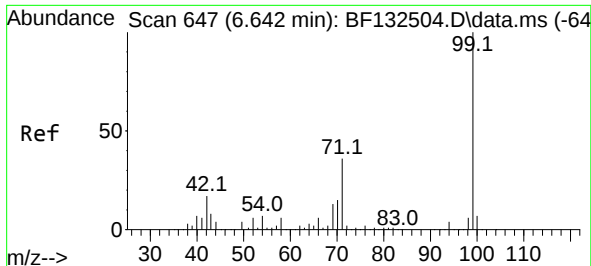
Tgt Ion:152 Resp: 266763
Ion Ratio Lower Upper
152 100
150 154.6 125.4 188.2
115 61.4 47.8 71.6



#5
2-Fluorophenol
Concen: 117.296 ng
RT: 5.616 min Scan# 515
Delta R.T. 0.018 min
Lab File: BF132758.D
Acq: 13 Mar 2023 13:37

Tgt Ion:112 Resp: 1927957
Ion Ratio Lower Upper
112 100
64 59.9 51.6 77.4
63 32.7 27.4 41.2

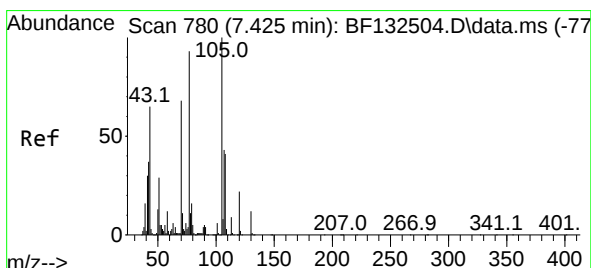
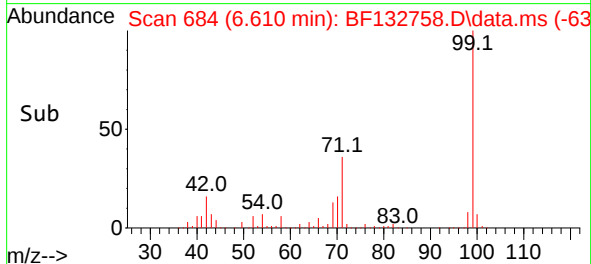
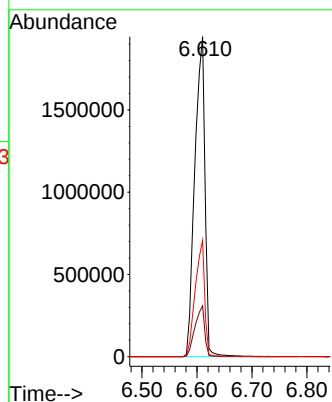
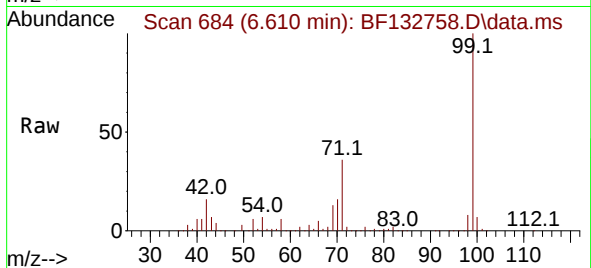




#7
Phenol-d6
Concen: 116.900 ng
RT: 6.610 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132758.D
Acq: 13 Mar 2023 13:37

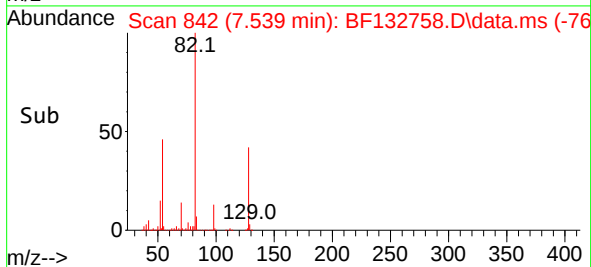
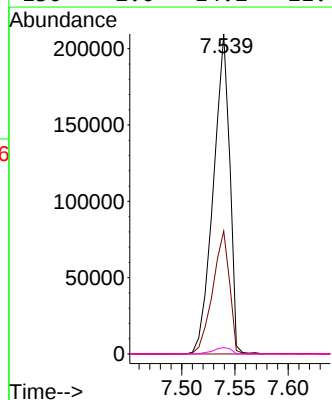
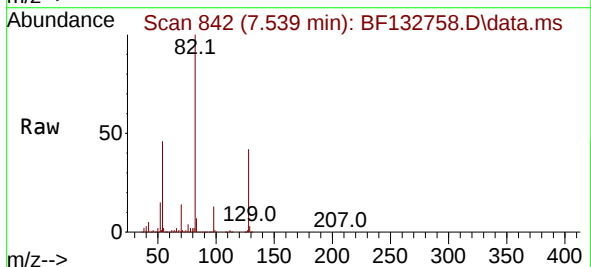
Instrument :
BNA_F
ClientSampleId :
PB151349BL

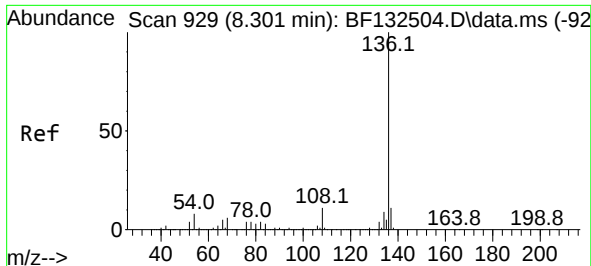
Tgt Ion: 99 Resp: 2507672
Ion Ratio Lower Upper
99 100
42 15.9 13.9 20.9
71 36.4 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.931 ng
RT: 7.539 min Scan# 842
Delta R.T. 0.153 min
Lab File: BF132758.D
Acq: 13 Mar 2023 13:37

Tgt Ion: 70 Resp: 223524
Ion Ratio Lower Upper
70 100
42 38.4 44.1 66.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#

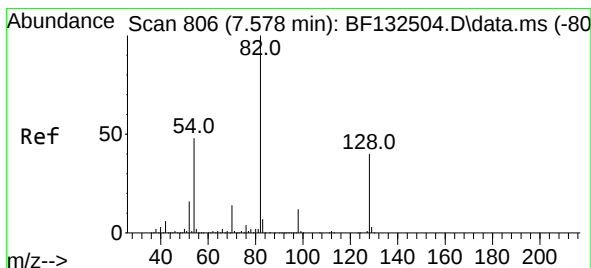
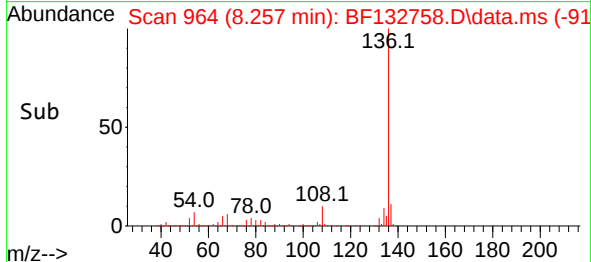
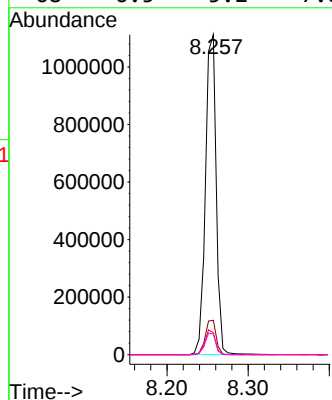
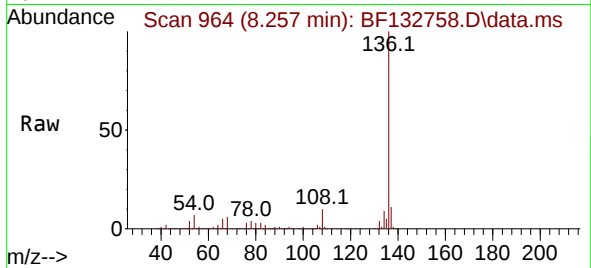




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132758.D
Acq: 13 Mar 2023 13:37

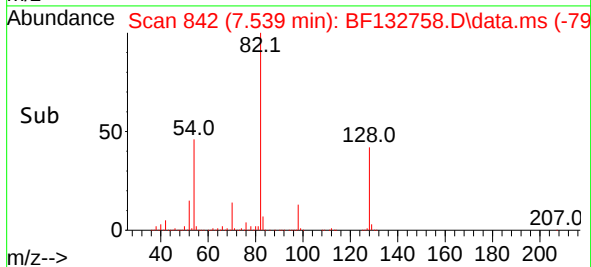
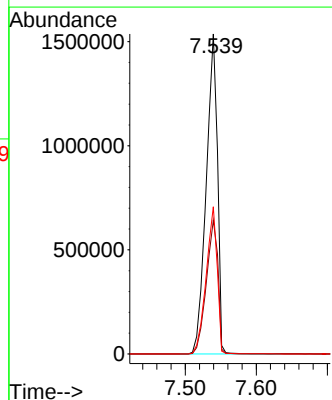
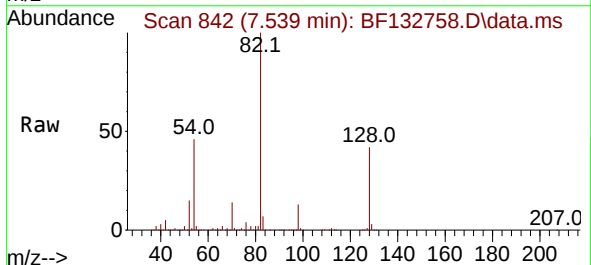
Instrument :
BNA_F
ClientSampleId :
PB151349BL

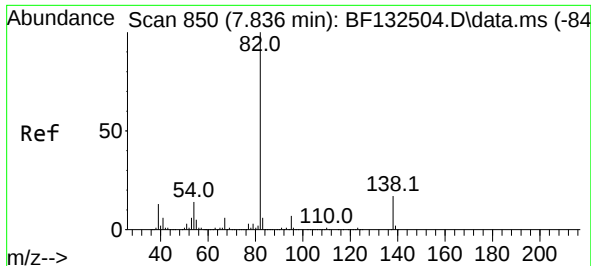
Tgt Ion:136 Resp: 1020049
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.9 6.2 9.4
68 6.5 5.2 7.8



#23
Nitrobenzene-d5
Concen: 78.785 ng
RT: 7.539 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF132758.D
Acq: 13 Mar 2023 13:37

Tgt Ion: 82 Resp: 1693874
Ion Ratio Lower Upper
82 100
128 41.8 32.2 48.2
54 46.0 38.4 57.6

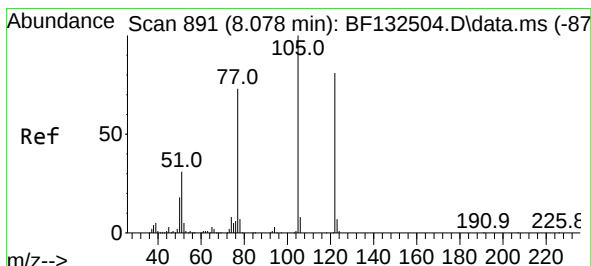
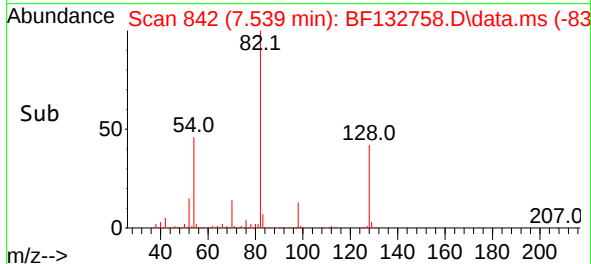
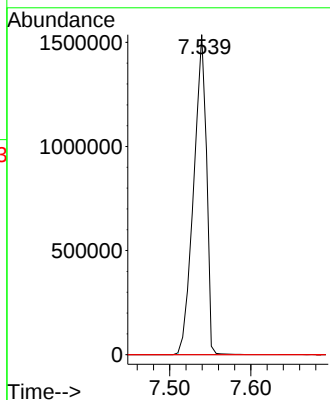
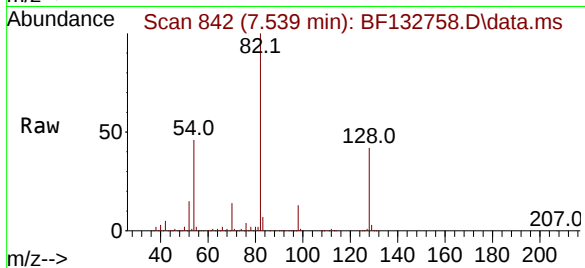




#25
Isophorone
Concen: 40.911 ng
RT: 7.539 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132758.D
Acq: 13 Mar 2023 13:37

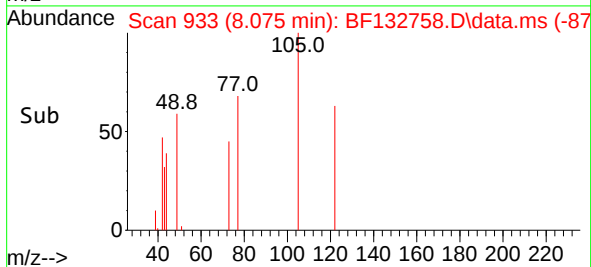
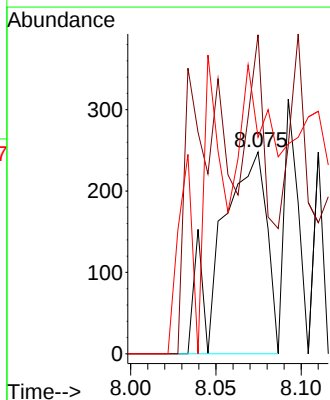
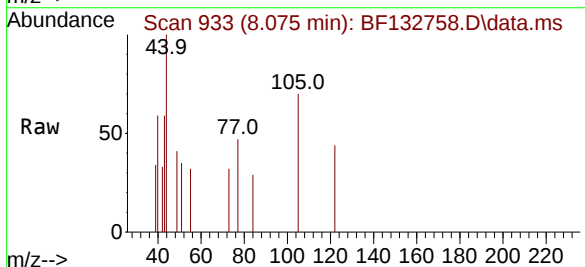
Instrument :
BNA_F
ClientSampleId :
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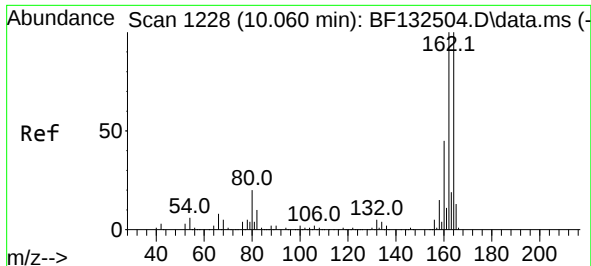
Tgt Ion: 82 Resp: 1686367
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.870 ng
RT: 8.075 min Scan# 933
Delta R.T. 0.035 min
Lab File: BF132758.D
Acq: 13 Mar 2023 13:37

Tgt Ion:122 Resp: 465
Ion Ratio Lower Upper
122 100
105 158.1 102.6 142.6#
77 107.3 70.2 110.2

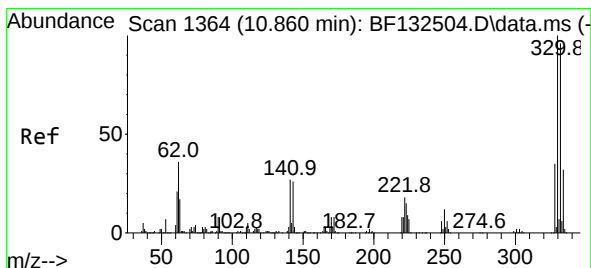
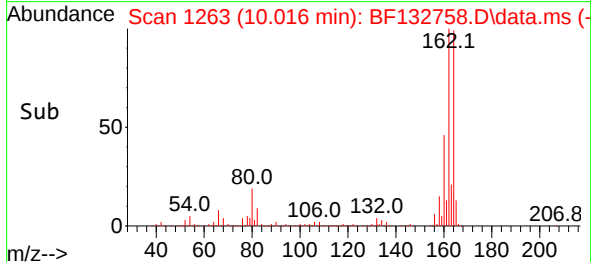
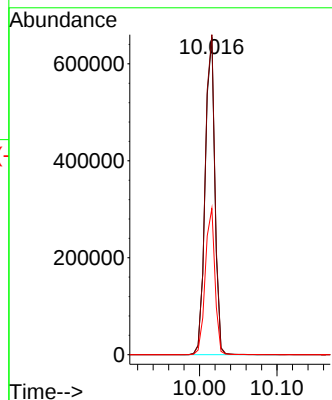
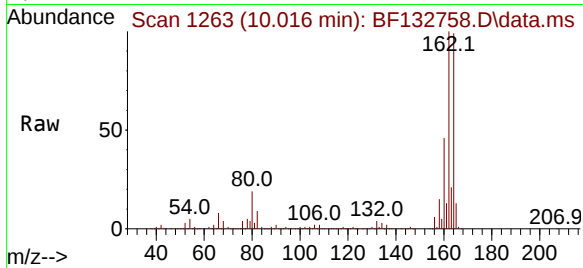




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132758.D
Acq: 13 Mar 2023 13:37

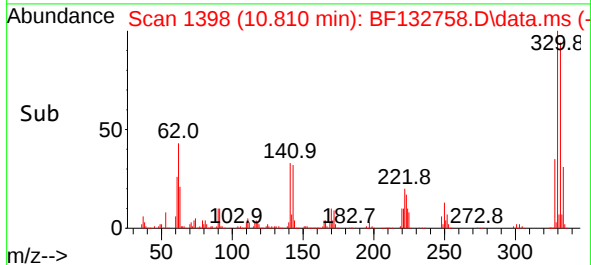
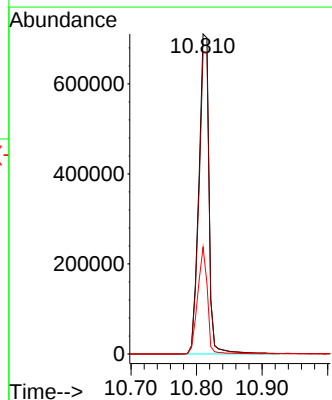
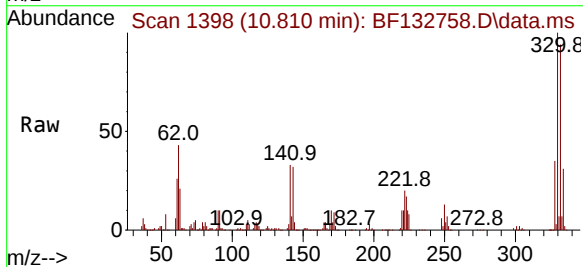
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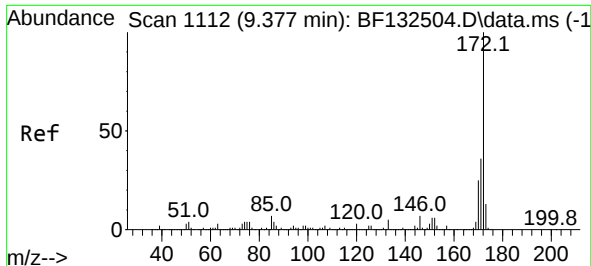
Tgt Ion:164 Resp: 566340
Ion Ratio Lower Upper
164 100
162 100.9 79.8 119.8
160 46.1 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 126.456 ng
RT: 10.810 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF132758.D
Acq: 13 Mar 2023 13:37

Tgt Ion:330 Resp: 773433
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 31.7 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 74.281 ng

RT: 9.333 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BF132758.D

Acq: 13 Mar 2023 13:37

Instrument :

BNA_F

ClientSampleId :

PB151349BL

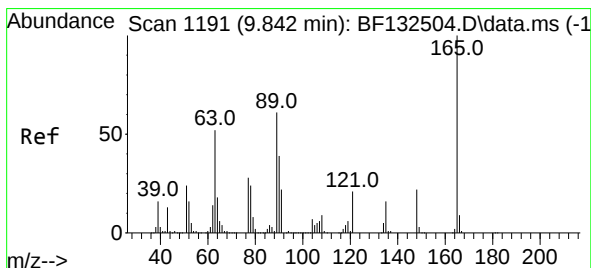
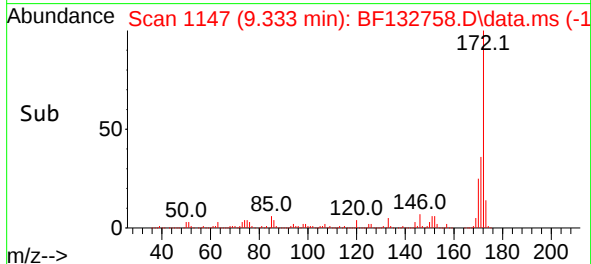
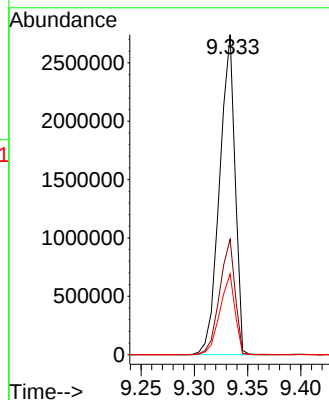
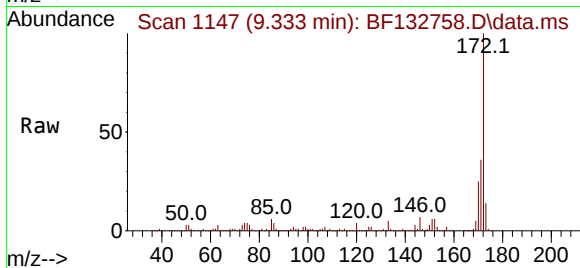
Tgt Ion:172 Resp: 2762830

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 25.3 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.768 ng

RT: 10.016 min Scan# 1263

Delta R.T. 0.212 min

Lab File: BF132758.D

Acq: 13 Mar 2023 13:37

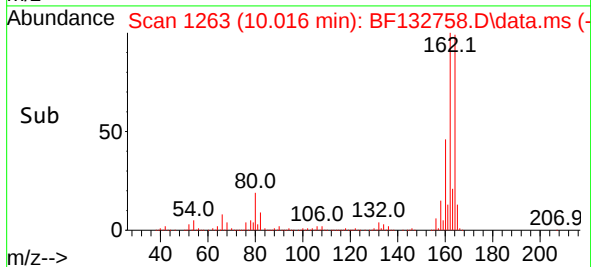
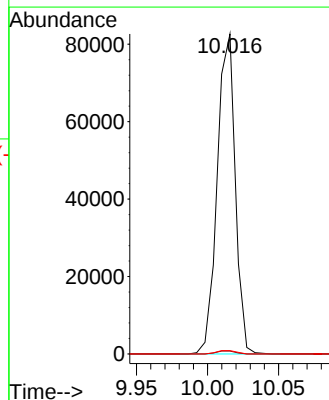
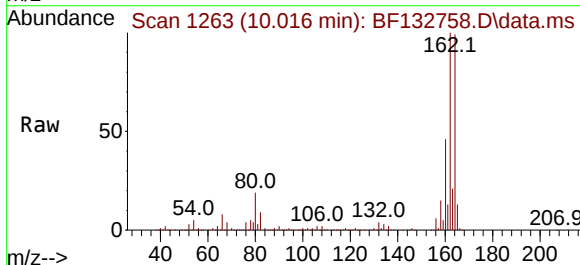
Tgt Ion:165 Resp: 72955

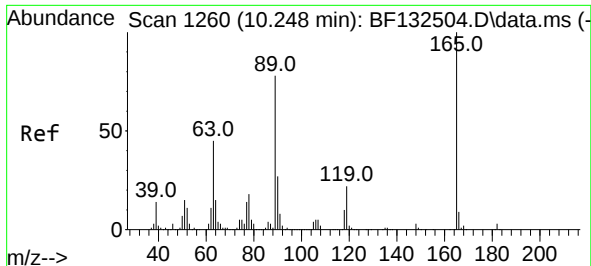
Ion Ratio Lower Upper

165 100

63 0.9 47.3 70.9#

89 1.1 48.9 73.3#

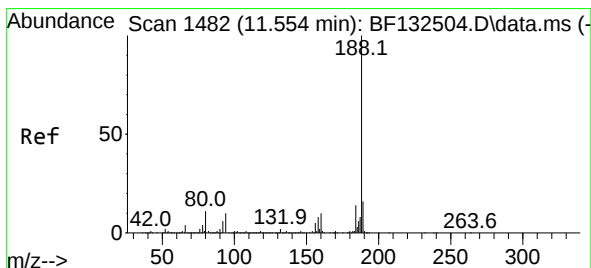
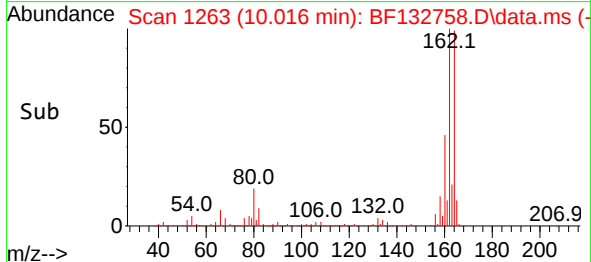
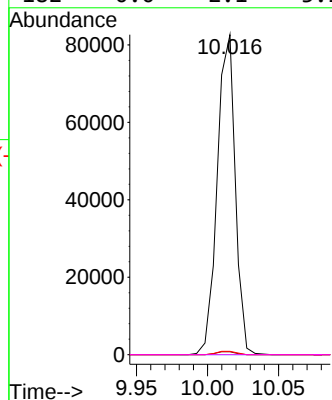
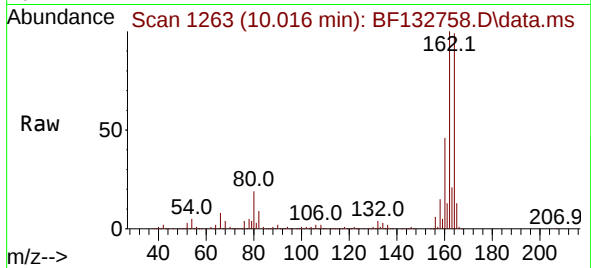




#57
2,4-Dinitrotoluene
Concen: 5.839 ng
RT: 10.016 min Scan# 1517
Delta R.T. -0.194 min
Lab File: BF132758.D
Acq: 13 Mar 2023 13:37

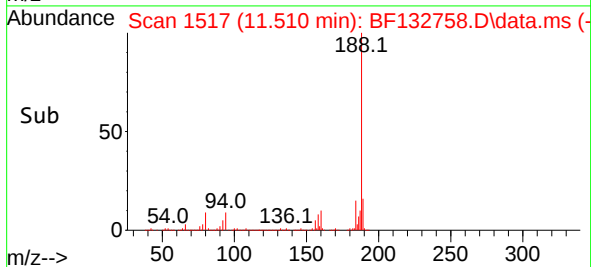
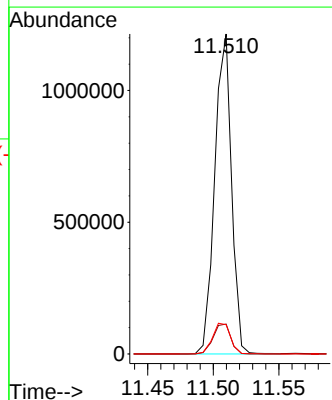
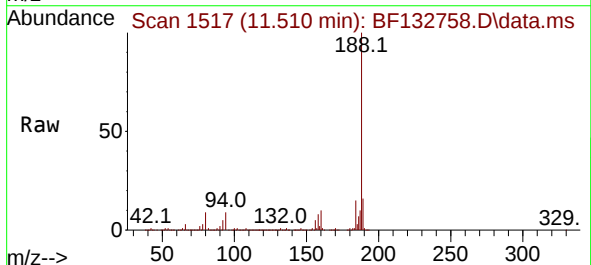
Instrument :
BNA_F
ClientSampleId :
PB151349BL

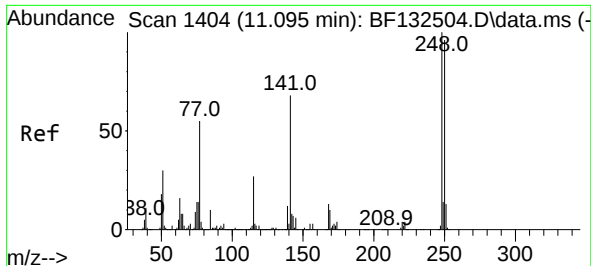
Tgt Ion:165 Resp: 72955
Ion Ratio Lower Upper
165 100
63 0.9 36.5 54.7#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF132758.D
Acq: 13 Mar 2023 13:37

Tgt Ion:188 Resp: 1076537
Ion Ratio Lower Upper
188 100
94 9.3 8.3 12.5
80 9.2 8.7 13.1

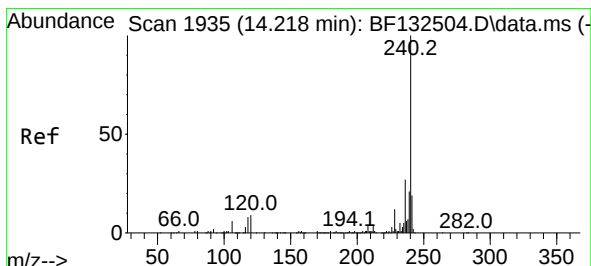
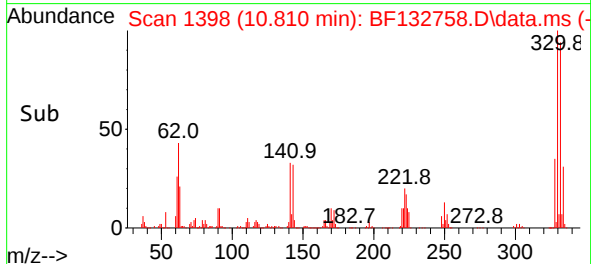
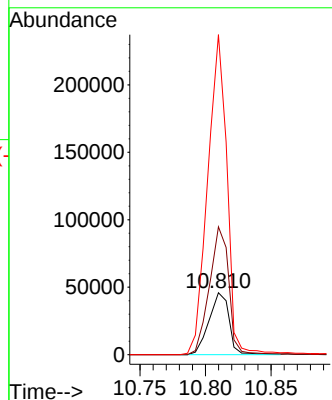
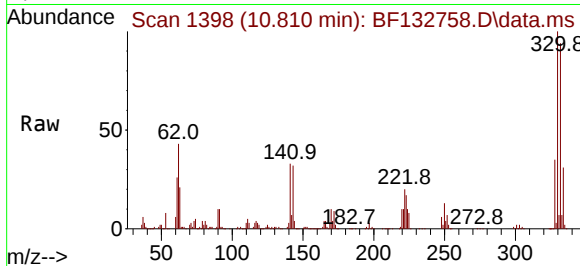




#67
4-Bromophenyl-phenylether
Concen: 4.024 ng
RT: 10.810 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132758.D
Acq: 13 Mar 2023 13:37

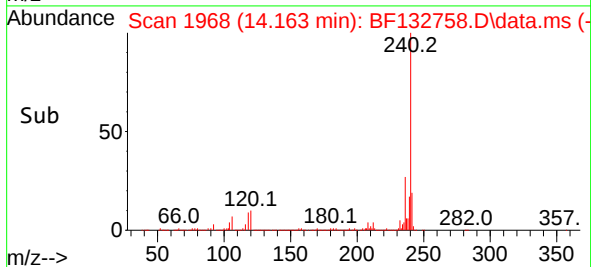
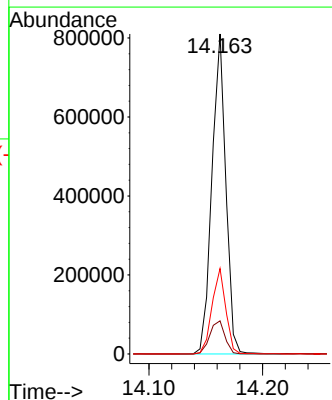
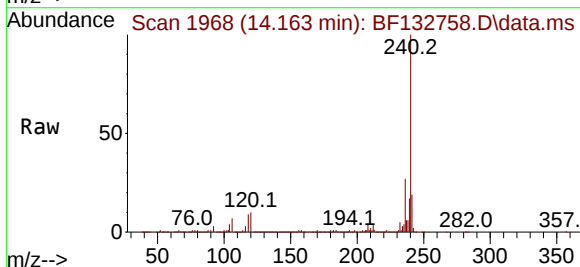
Instrument :
BNA_F
ClientSampleId :
PB151349BL

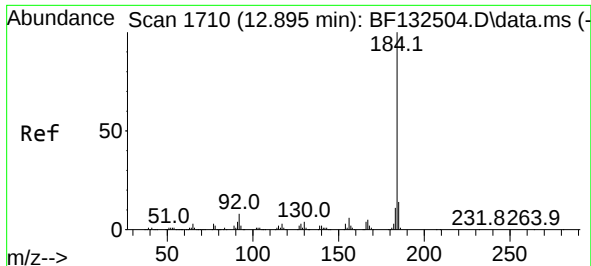
Tgt Ion:248 Resp: 49007
Ion Ratio Lower Upper
248 100
250 206.4 77.0 115.4#
141 516.3 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BF132758.D
Acq: 13 Mar 2023 13:37

Tgt Ion:240 Resp: 686642
Ion Ratio Lower Upper
240 100
120 10.3 7.2 10.8
236 26.7 21.8 32.6

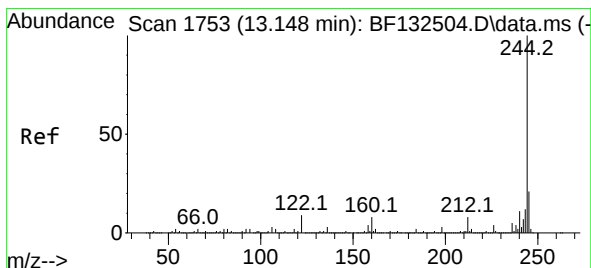
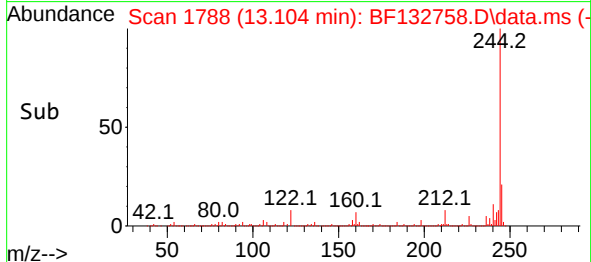
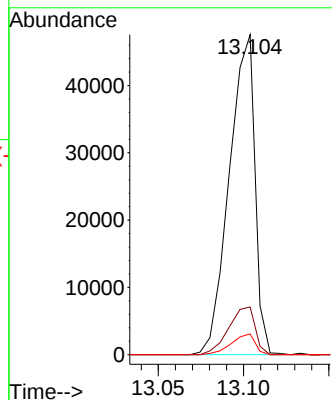
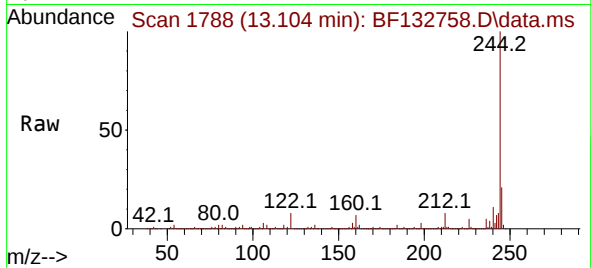




#77
Benzidine
Concen: 2.980 ng
RT: 13.104 min Scan# 1788
Delta R.T. 0.253 min
Lab File: BF132758.D
Acq: 13 Mar 2023 13:37

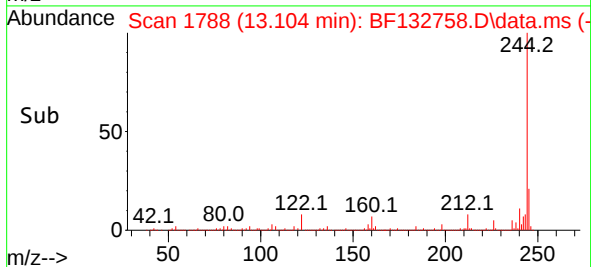
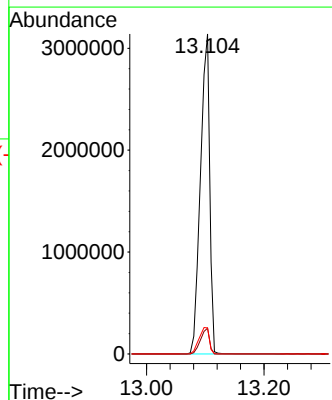
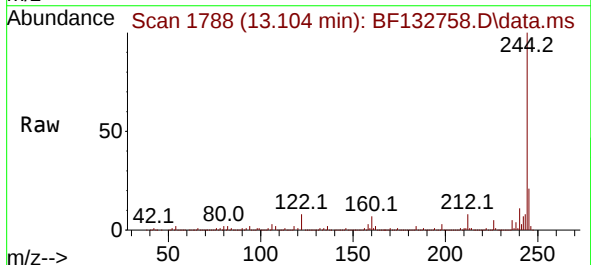
Instrument :
BNA_F
ClientSampleId :
PB151349BL

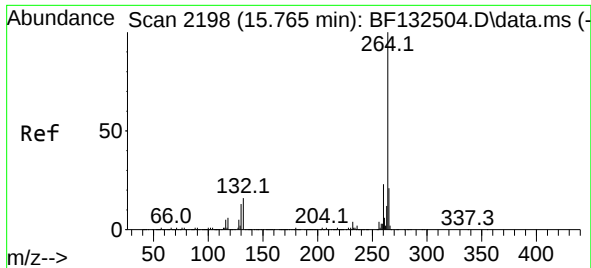
Tgt Ion:184 Resp: 49814
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 6.5 8.7 13.1#



#79
Terphenyl-d14
Concen: 84.358 ng
RT: 13.104 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BF132758.D
Acq: 13 Mar 2023 13:37

Tgt Ion:244 Resp: 3425917
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 8.2 7.5 11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.698 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF132758.D
Acq: 13 Mar 2023 13:37

Instrument :
BNA_F
ClientSampleId :
PB151349BL

Tgt Ion:264 Resp: 547324

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	21.7	17.1	25.7

