

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
 Data File : BF132800.D
 Acq On : 15 Mar 2023 13:28
 Operator : CG\JU
 Sample : PB151406BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151406BL

Quant Time: Mar 15 13:58:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

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

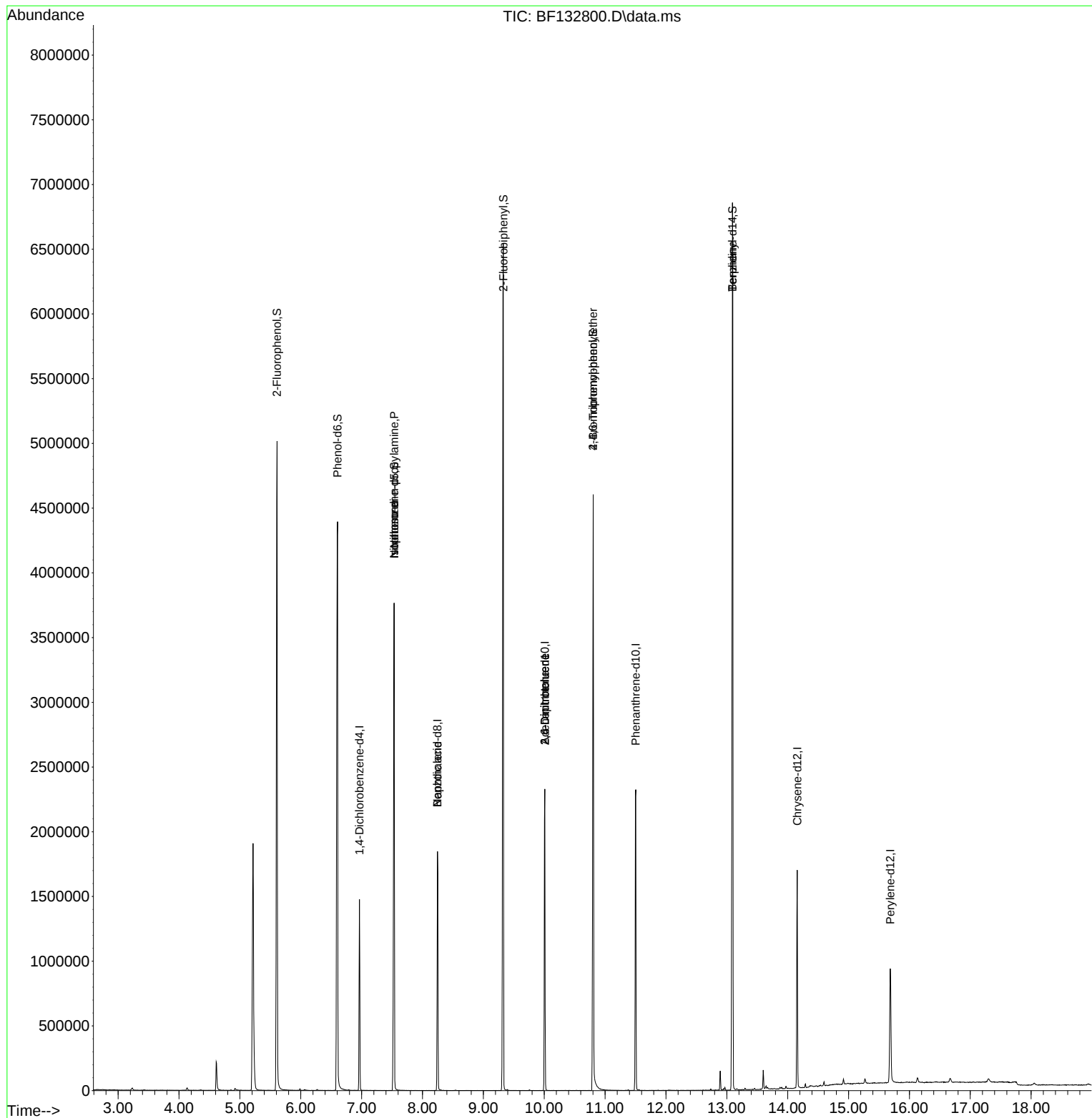
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	208967	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	846362	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	476012	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	929645	20.000	ng	0.00
76) Chrysene-d12	14.157	240	556102	20.000	ng	0.00
86) Perylene-d12	15.686	264	438495	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1645762	127.820	ng	0.02
7) Phenol-d6	6.604	99	1996624	118.820	ng	0.00
23) Nitrobenzene-d5	7.534	82	1403233	78.661	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	628061	122.174	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	2267455	72.531	ng	0.00
79) Terphenyl-d14	13.092	244	2844517	86.483	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.534	70	182583	17.655	ng	# 75
25) Isophorone	7.534	82	1403222	41.028	ng	# 67
32) Benzoic acid	8.245	122	244	3.857	ng	# 1
51) 2,6-Dinitrotoluene	10.010	165	62031	7.859	ng	# 22
57) 2,4-Dinitrotoluene	10.010	165	62031	5.907	ng	# 21
67) 4-Bromophenyl-phenylether	10.804	248	41310	3.928	ng	# 1
77) Benzidine	13.092	184	42425	3.134	ng	# 94

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

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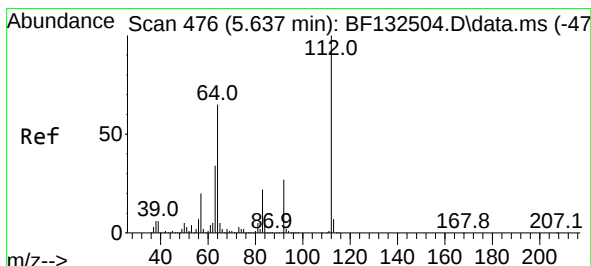
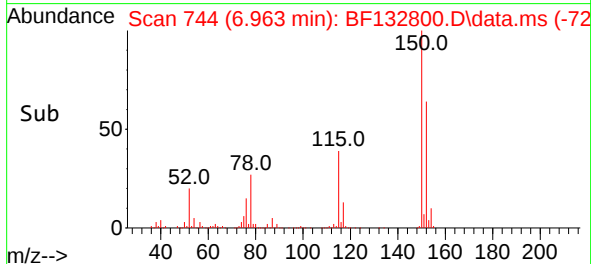
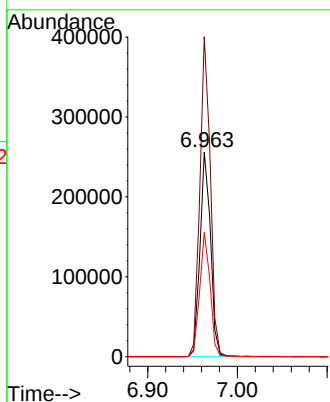
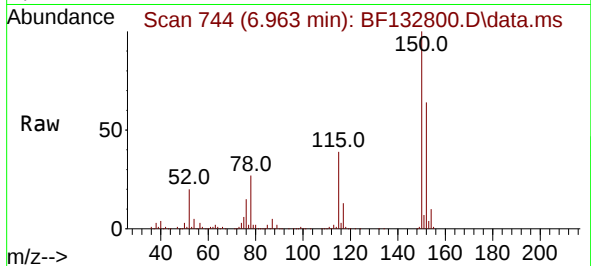




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

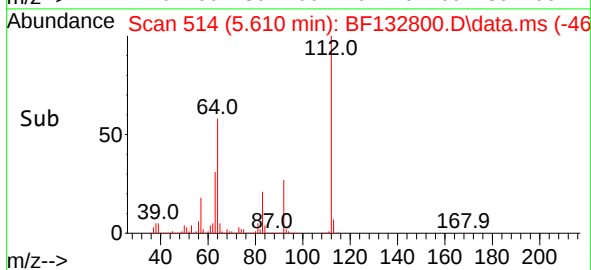
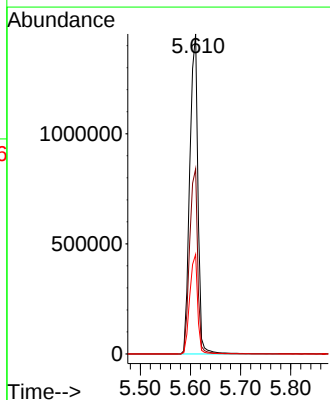
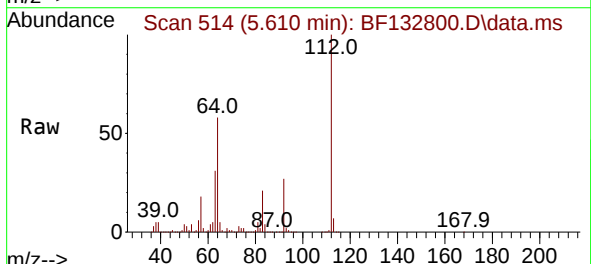
Instrument :
BNA_F
ClientSampleId :
PB151406BL

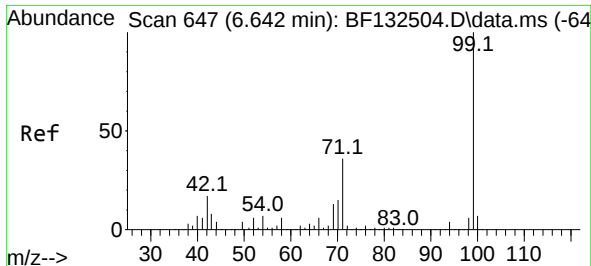
Tgt Ion:152 Resp: 208967
Ion Ratio Lower Upper
152 100
150 156.4 125.4 188.2
115 60.7 47.8 71.6



#5
2-Fluorophenol
Concen: 127.820 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.018 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

Tgt Ion:112 Resp: 1645762
Ion Ratio Lower Upper
112 100
64 57.9 51.6 77.4
63 31.1 27.4 41.2

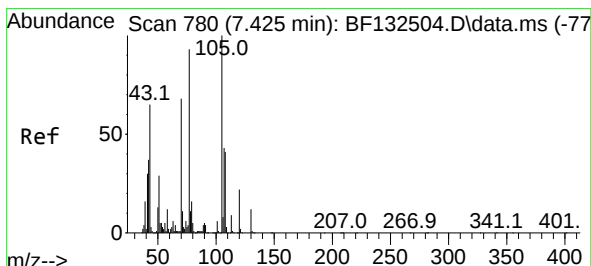
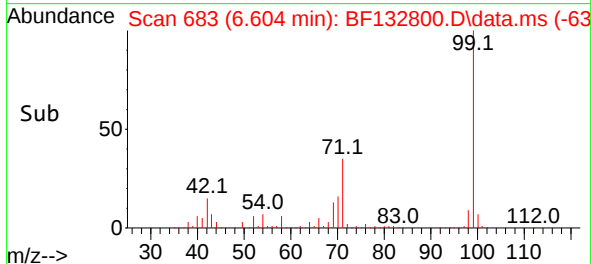
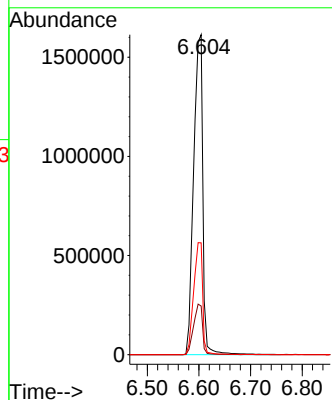
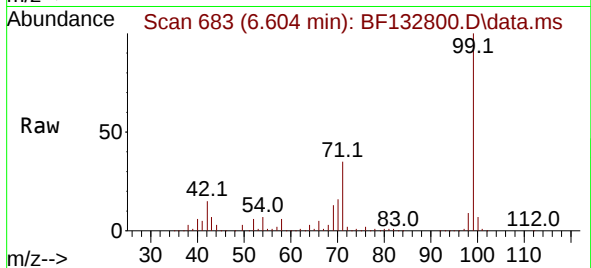




#7
Phenol-d6
Concen: 118.820 ng
RT: 6.604 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

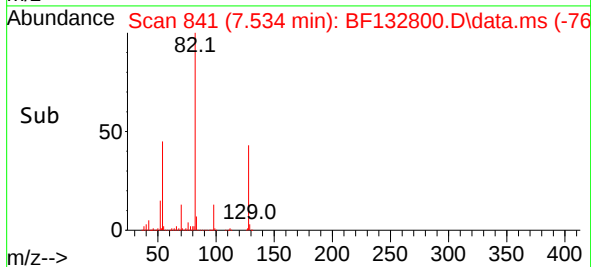
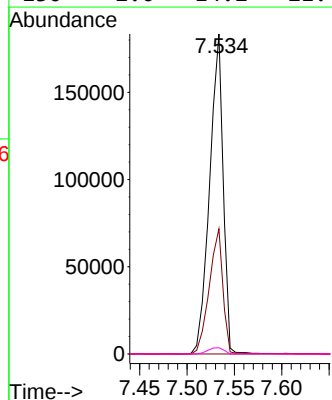
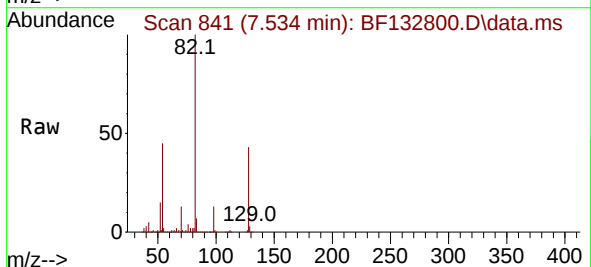
Instrument :
BNA_F
ClientSampleId :
PB151406BL

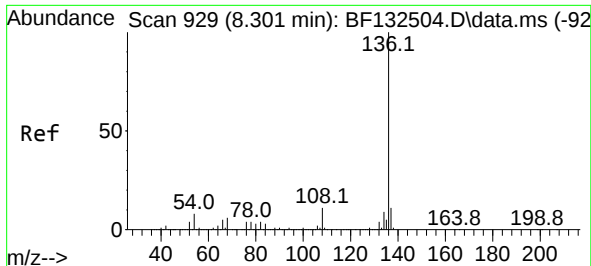
Tgt Ion: 99 Resp: 1996624
Ion Ratio Lower Upper
99 100
42 15.2 13.9 20.9
71 34.9 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.655 ng
RT: 7.534 min Scan# 841
Delta R.T. 0.153 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

Tgt Ion: 70 Resp: 182583
Ion Ratio Lower Upper
70 100
42 39.1 44.1 66.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#

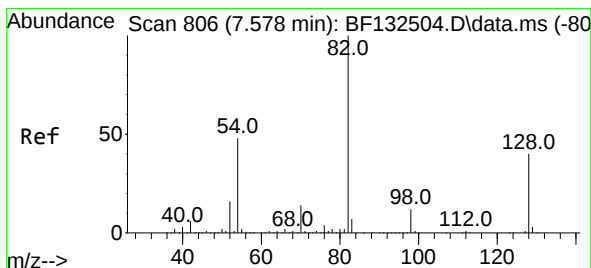
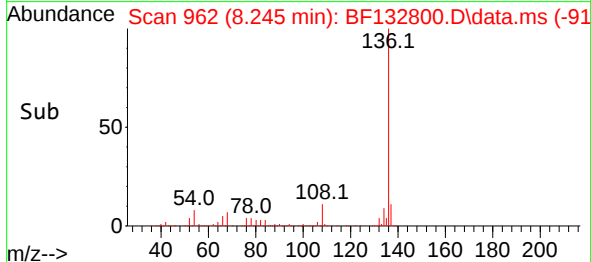
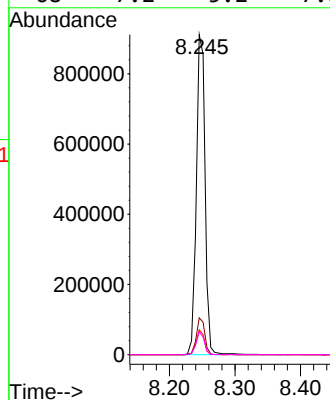
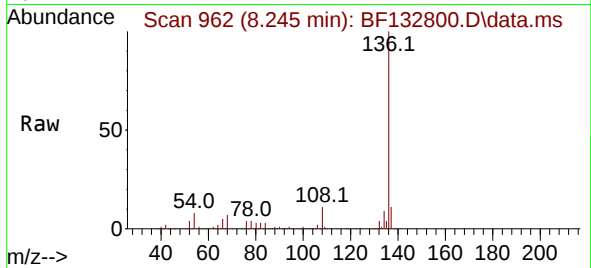




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

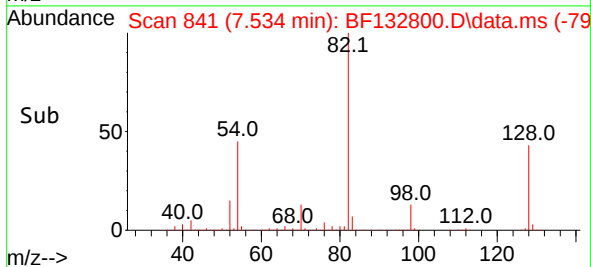
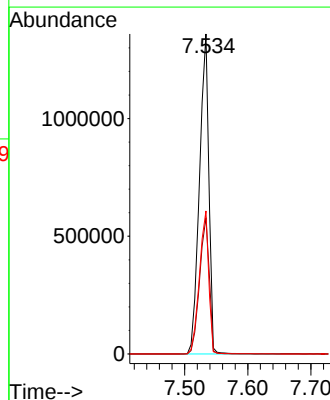
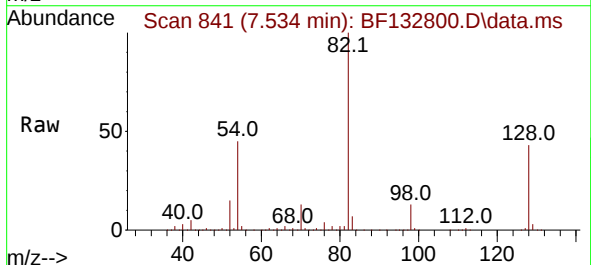
Instrument :
BNA_F
ClientSampleId :
PB151406BL

Tgt Ion:136 Resp: 846362
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 7.8 6.2 9.4
68 7.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 78.661 ng
RT: 7.534 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

Tgt Ion: 82 Resp: 1403233
Ion Ratio Lower Upper
82 100
128 42.6 32.2 48.2
54 44.7 38.4 57.6

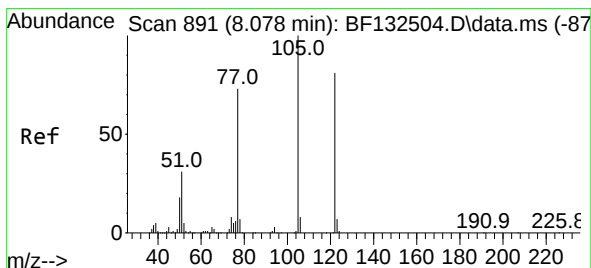
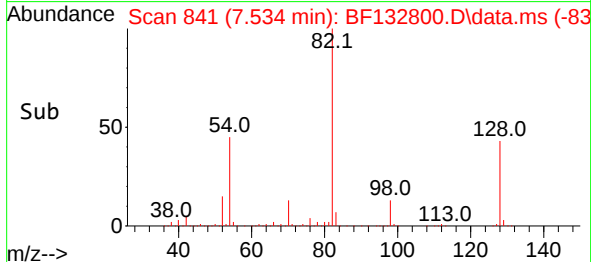
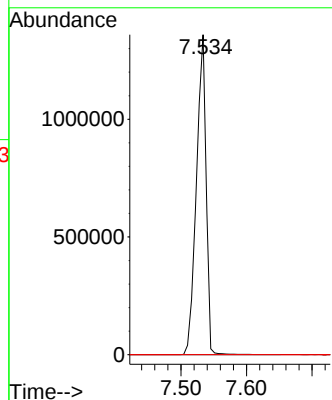
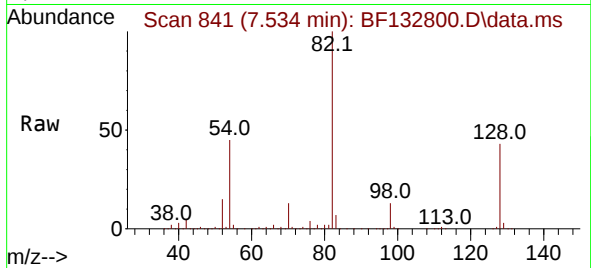




#25
Isophorone
Concen: 41.028 ng
RT: 7.534 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

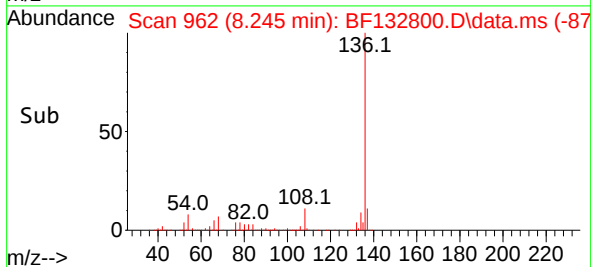
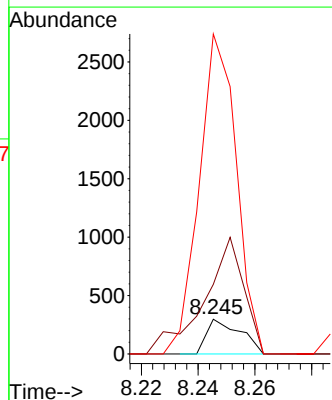
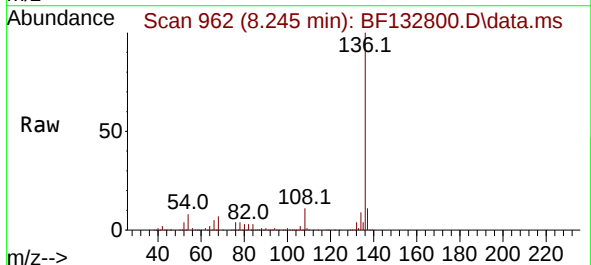
Instrument :
BNA_F
ClientSampleId :
PB151406BL

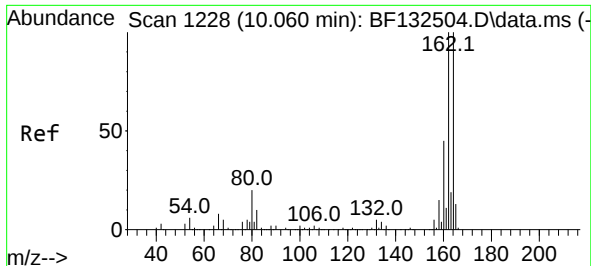
Tgt Ion: 82 Resp: 1403222
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.857 ng
RT: 8.245 min Scan# 962
Delta R.T. 0.212 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

Tgt Ion: 122 Resp: 244
Ion Ratio Lower Upper
122 100
105 200.0 102.6 142.6#
77 919.1 70.2 110.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132800.D

Acq: 15 Mar 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB151406BL

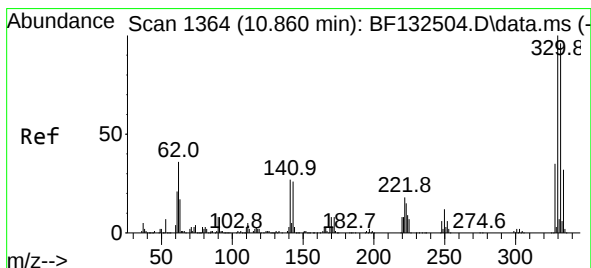
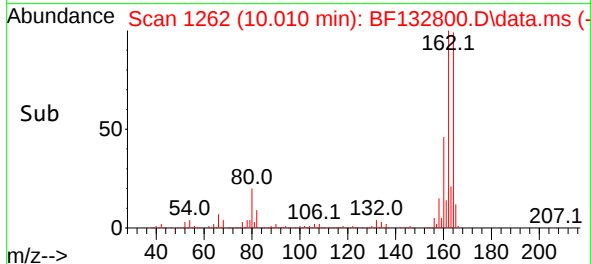
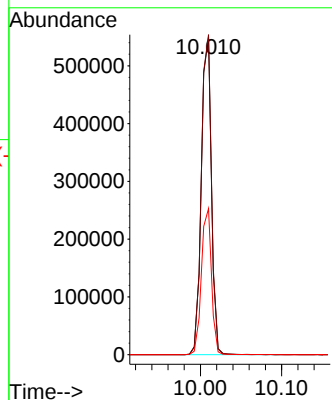
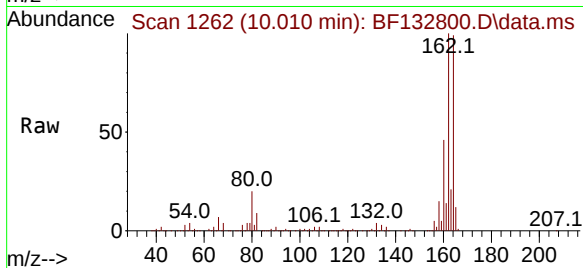
Tgt Ion:164 Resp: 476012

Ion Ratio Lower Upper

164 100

162 100.7 79.8 119.8

160 46.0 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 122.174 ng

RT: 10.804 min Scan# 1397

Delta R.T. -0.006 min

Lab File: BF132800.D

Acq: 15 Mar 2023 13:28

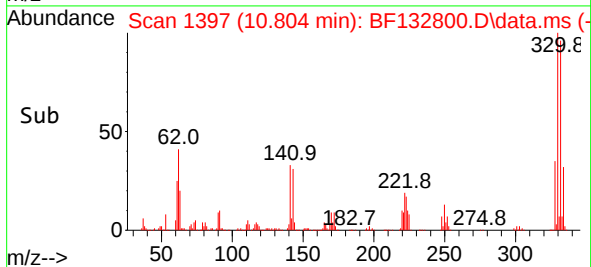
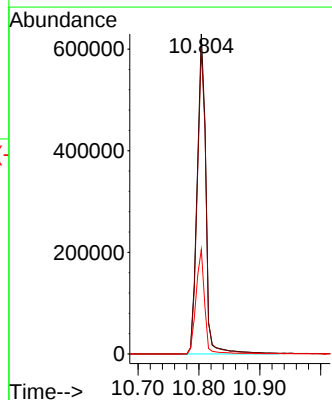
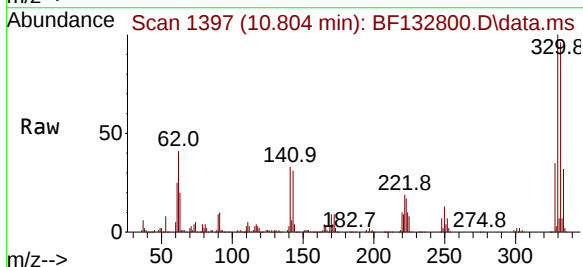
Tgt Ion:330 Resp: 628061

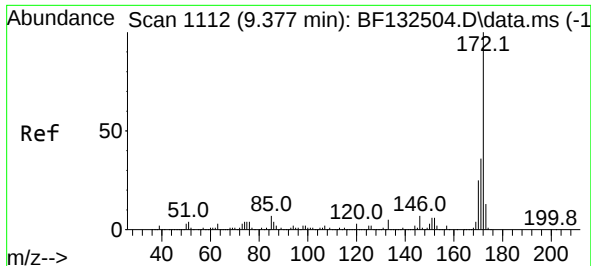
Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

141 32.6 28.4 42.6

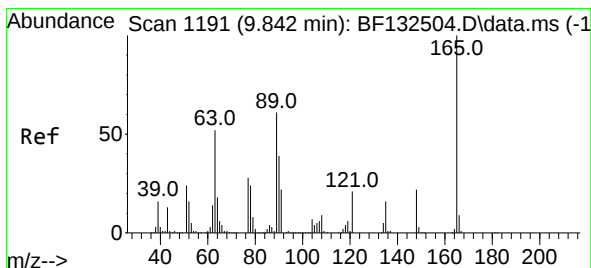
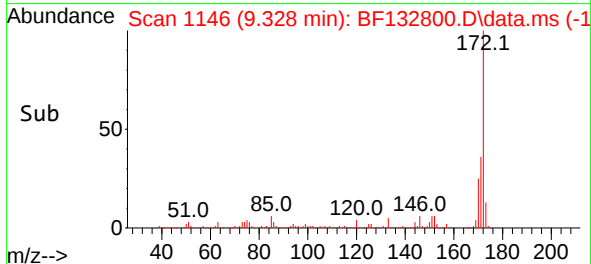
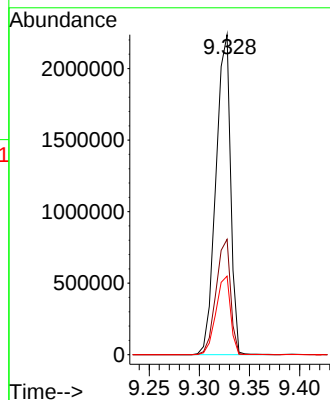
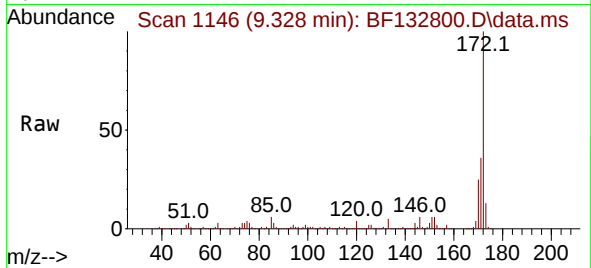




#45
2-Fluorobiphenyl
Concen: 72.531 ng
RT: 9.328 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

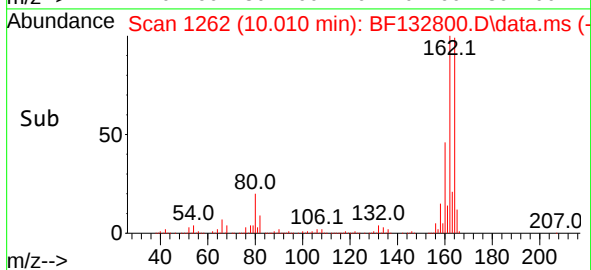
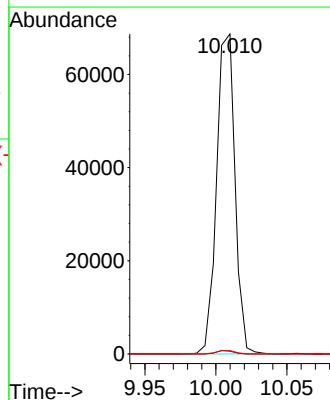
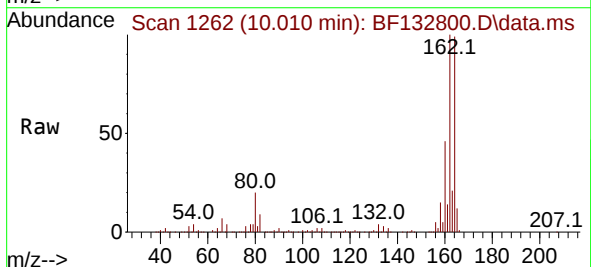
Instrument :
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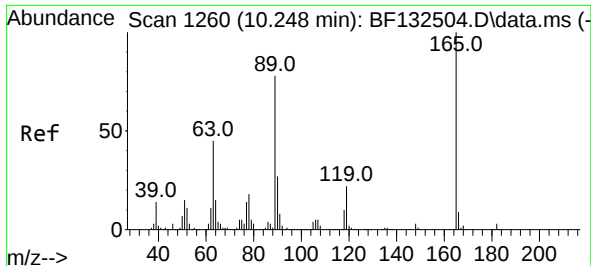
Tgt Ion:172 Resp: 2267455
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.6 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.859 ng
RT: 10.010 min Scan# 1262
Delta R.T. 0.212 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

Tgt Ion:165 Resp: 62031
Ion Ratio Lower Upper
165 100
63 0.8 47.3 70.9#
89 1.1 48.9 73.3#

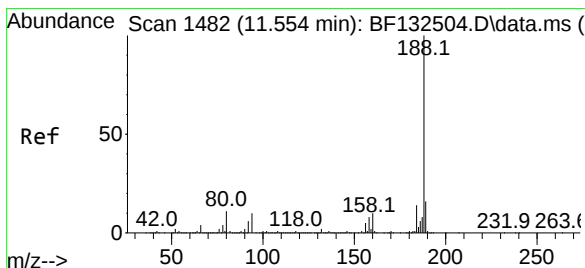
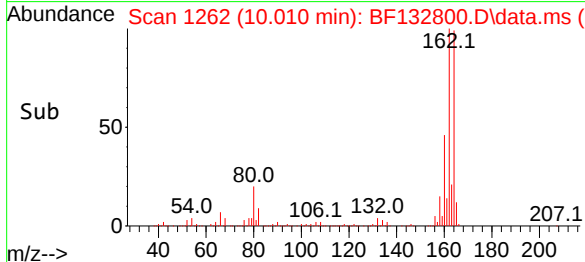
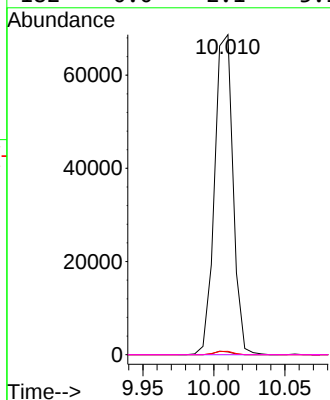
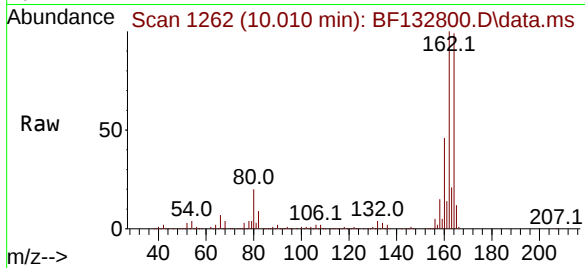




#57
2,4-Dinitrotoluene
Concen: 5.907 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

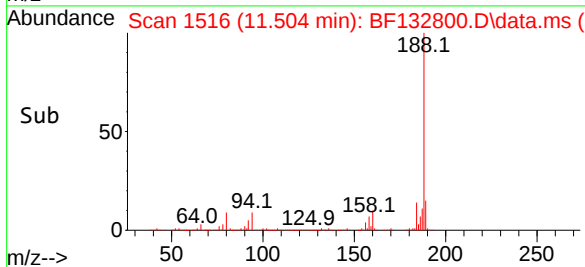
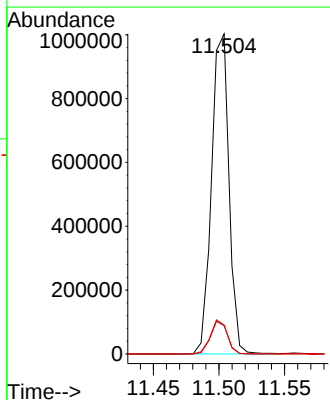
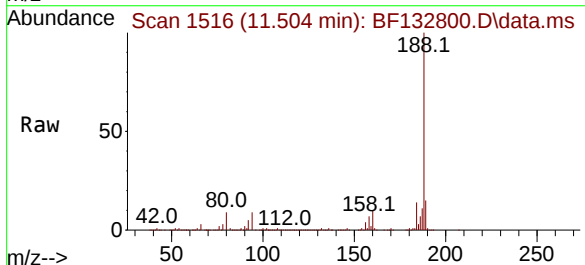
Instrument :
BNA_F
ClientSampleId :
PB151406BL

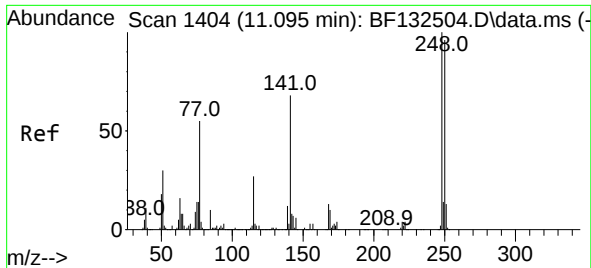
Tgt Ion:165 Resp: 62031
Ion Ratio Lower Upper
165 100
63 0.8 36.5 54.7#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

Tgt Ion:188 Resp: 929645
Ion Ratio Lower Upper
188 100
94 8.9 8.3 12.5
80 9.1 8.7 13.1

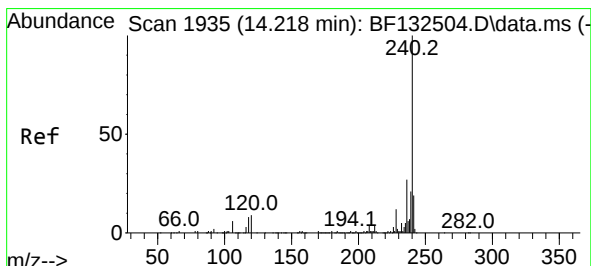
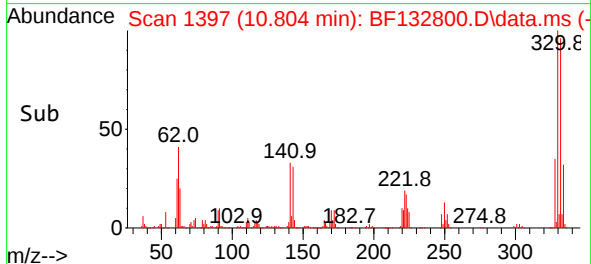
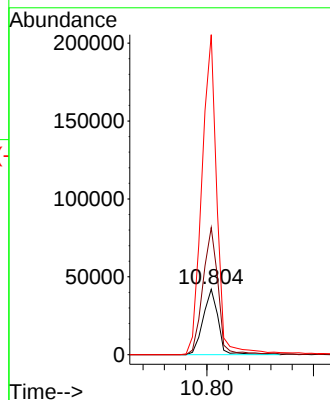
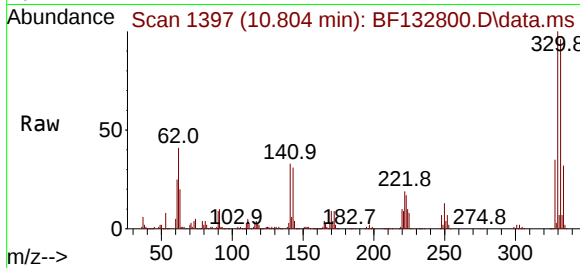




#67
4-Bromophenyl-phenylether
Concen: 3.928 ng
RT: 10.804 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

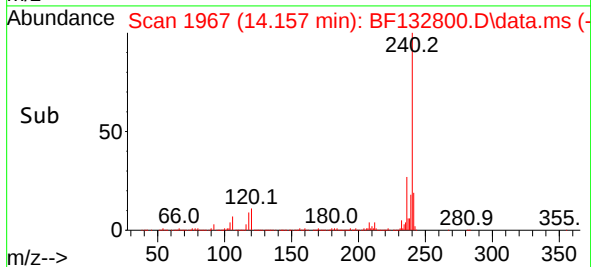
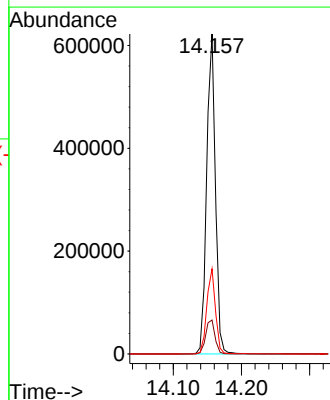
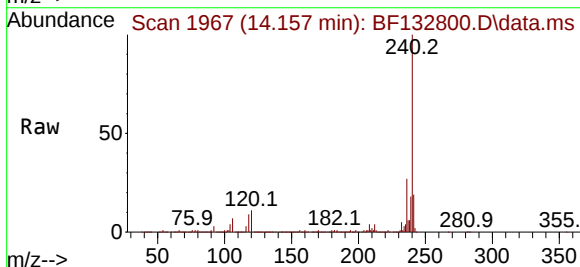
Instrument :
BNA_F
ClientSampleId :
PB151406BL

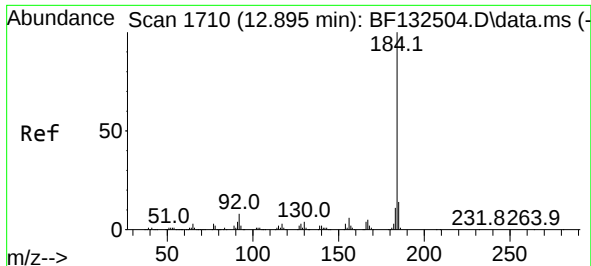
Tgt Ion:248 Resp: 41310
Ion Ratio Lower Upper
248 100
250 194.2 77.0 115.4#
141 489.1 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

Tgt Ion:240 Resp: 556102
Ion Ratio Lower Upper
240 100
120 10.6 7.2 10.8
236 26.6 21.8 32.6

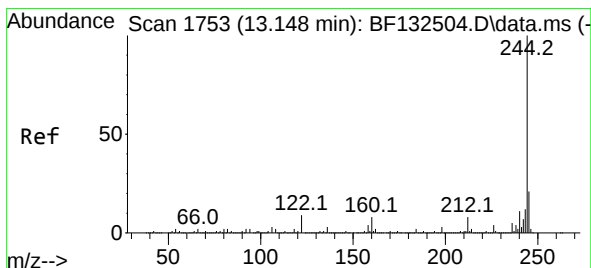
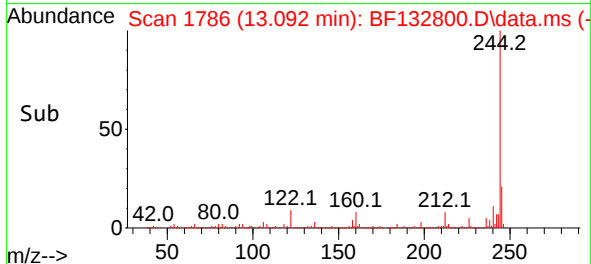
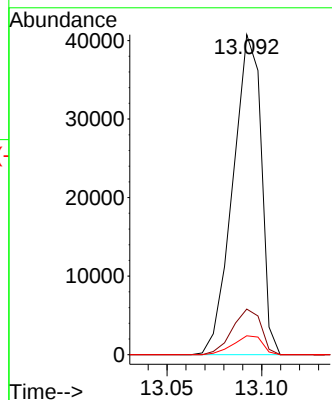
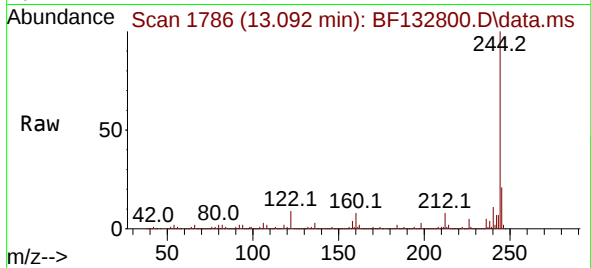




#77
Benzidine
Concen: 3.134 ng
RT: 13.092 min Scan# 1786
Delta R.T. 0.247 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

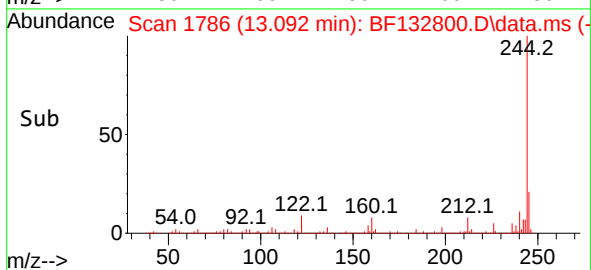
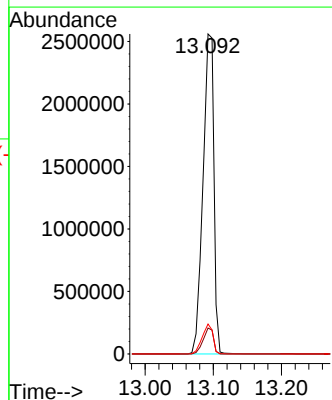
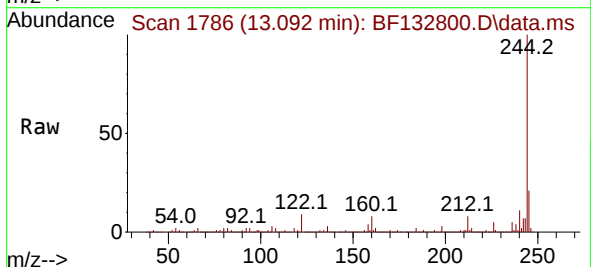
Instrument :
BNA_F
ClientSampleId :
PB151406BL

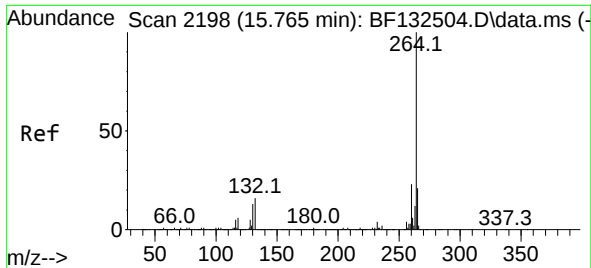
Tgt Ion:184 Resp: 42425
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 5.9 8.7 13.1#



#79
Terphenyl-d14
Concen: 86.483 ng
RT: 13.092 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

Tgt Ion:244 Resp: 2844517
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 9.3 7.5 11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.686 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132800.D
Acq: 15 Mar 2023 13:28

Instrument :
BNA_F
ClientSampleId :
PB151406BL

Tgt Ion:264 Resp: 438495

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	22.2	17.1	25.7

