

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011623\
 Data File : BF132087.D
 Acq On : 17 Jan 2023 00:48
 Operator : CG\JU
 Sample : PB150083BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150083BL

Quant Time: Jan 17 06:52:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 01:48:42 2023
 Response via : Initial Calibration

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

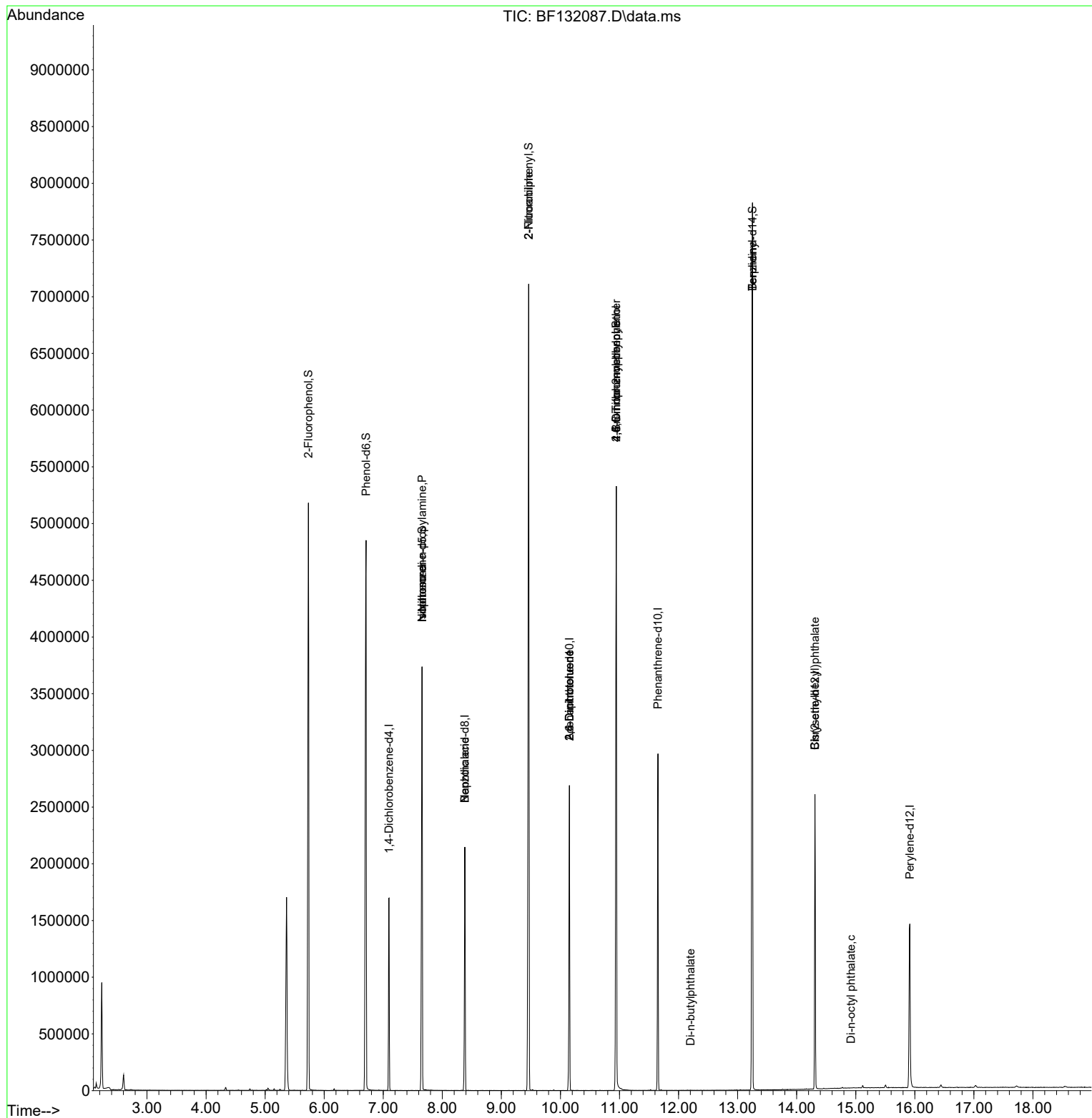
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.098	152	275443	20.000	ng	0.00
21) Naphthalene-d8	8.381	136	1008008	20.000	ng	0.00
39) Acenaphthene-d10	10.151	164	547946	20.000	ng	0.00
64) Phenanthrene-d10	11.651	188	1042696	20.000	ng	0.00
76) Chrysene-d12	14.310	240	858642	20.000	ng	0.00
86) Perylene-d12	15.915	264	745608	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	1706660	111.275	ng	0.02
7) Phenol-d6	6.710	99	2134832	111.619	ng	0.00
23) Nitrobenzene-d5	7.657	82	1408503	95.641	ng	0.00
42) 2,4,6-Tribromophenol	10.945	330	691273	132.059	ng	0.00
45) 2-Fluorobiphenyl	9.463	172	2570160	72.906	ng	0.00
79) Terphenyl-d14	13.251	244	3039660	67.265	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.657	70	186809	17.456	ng	# 80
25) Isophorone	7.657	82	1408487	40.735	ng	# 67
32) Benzoic acid	8.381	122	299	4.838	ng	# 1
48) 2-Nitroaniline	9.463	65	4203	7.833	ng	# 1
51) 2,6-Dinitrotoluene	10.151	165	71030	13.755	ng	# 21
57) 2,4-Dinitrotoluene	10.151	165	71030	12.910	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.945	198	1967	6.599	ng	# 1
67) 4-Bromophenyl-phenylether	10.945	248	42934	3.782	ng	# 1
74) Di-n-butylphthalate	12.204	149	1415	5.712	ng	# 77
77) Benzidine	13.251	184	51784	3.599	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.310	149	69	6.731	ng	# 1
85) Di-n-octyl phthalate	14.921	149	78	8.909	ng	# 1

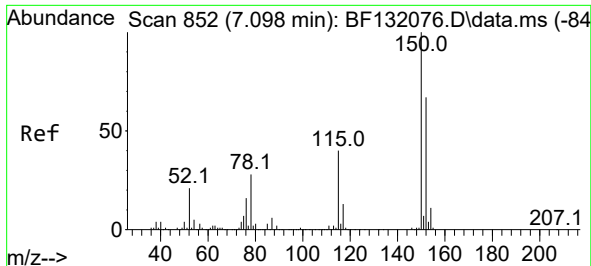
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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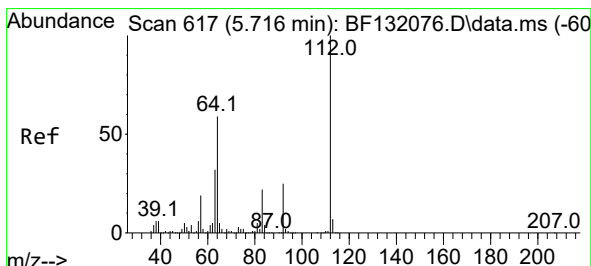
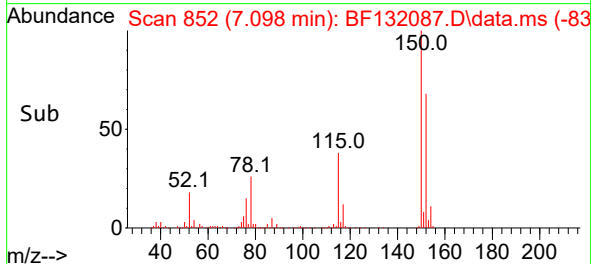
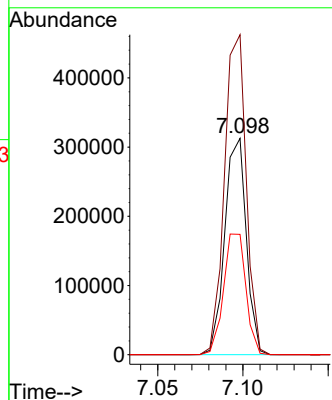
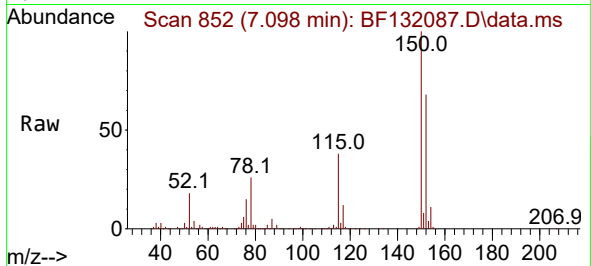




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132087.D
Acq: 17 Jan 2023 00:48

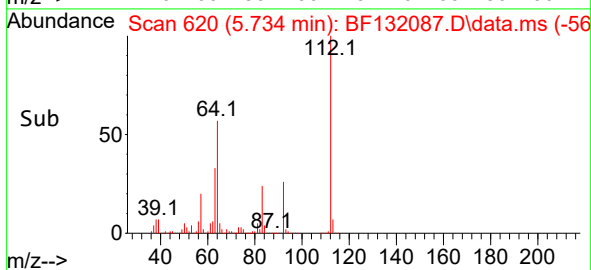
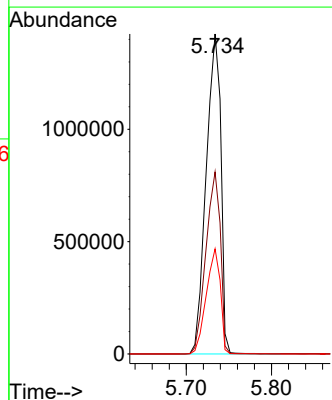
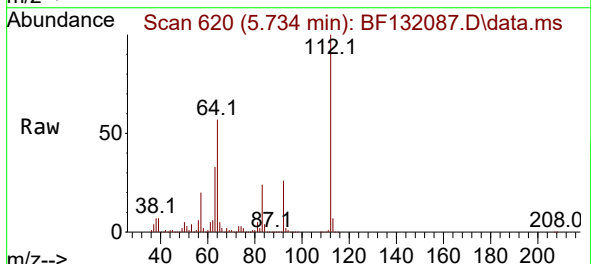
Instrument :
BNA_F
ClientSampleId :
PB150083BL

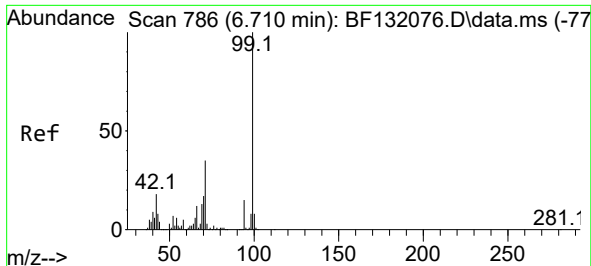
Tgt Ion:152 Resp: 275443
Ion Ratio Lower Upper
152 100
150 147.9 118.6 178.0
115 55.6 47.0 70.6



#5
2-Fluorophenol
Concen: 111.275 ng
RT: 5.734 min Scan# 620
Delta R.T. 0.018 min
Lab File: BF132087.D
Acq: 17 Jan 2023 00:48

Tgt Ion:112 Resp: 1706660
Ion Ratio Lower Upper
112 100
64 56.9 46.9 70.3
63 32.9 25.6 38.4

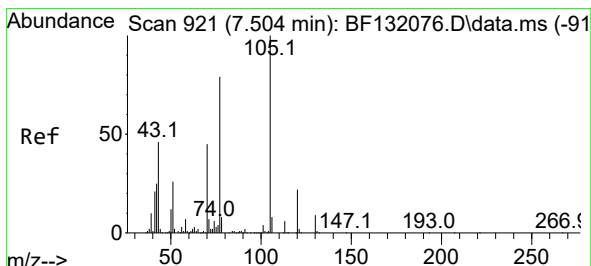
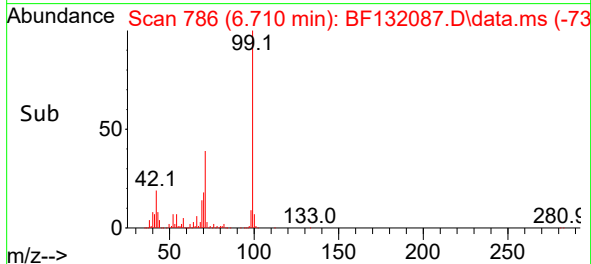
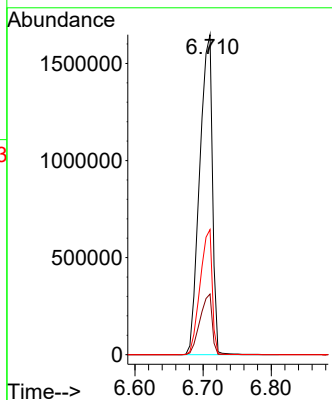
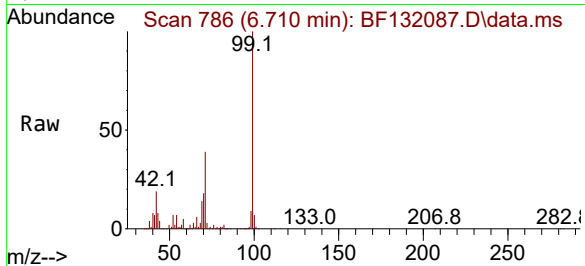




#7
Phenol-d6
Concen: 111.619 ng
RT: 6.710 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132087.D
Acq: 17 Jan 2023 00:48

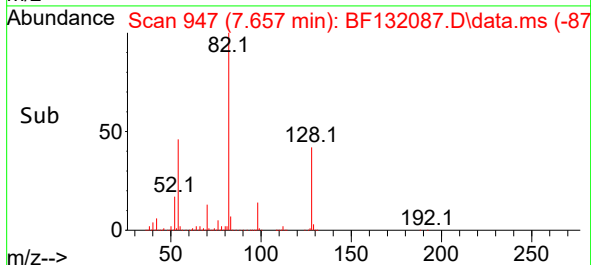
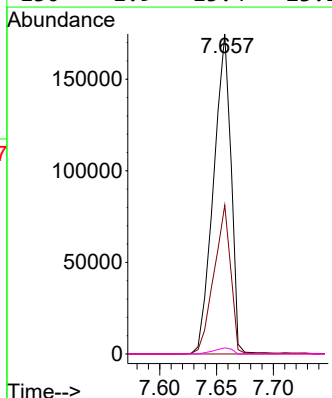
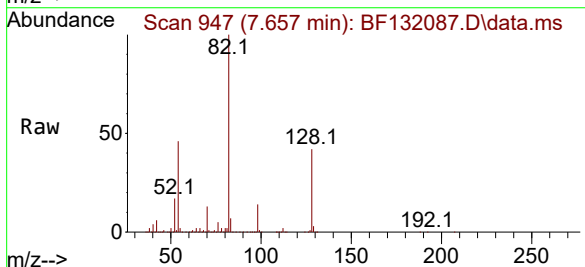
Instrument :
BNA_F
ClientSampleId :
PB150083BL

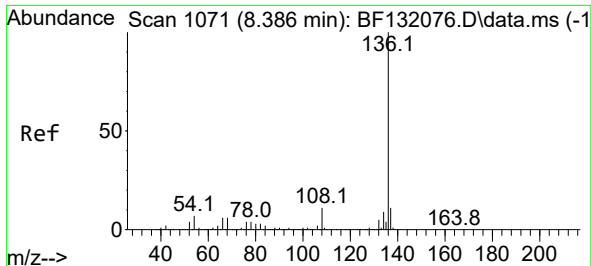
Tgt Ion: 99 Resp: 2134832
Ion Ratio Lower Upper
99 100
42 19.0 14.0 21.0
71 39.1 28.2 42.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.456 ng
RT: 7.657 min Scan# 947
Delta R.T. 0.153 min
Lab File: BF132087.D
Acq: 17 Jan 2023 00:48

Tgt Ion: 70 Resp: 186809
Ion Ratio Lower Upper
70 100
42 46.5 44.2 66.4
101 0.0 7.4 11.0#
130 1.9 15.4 23.2#

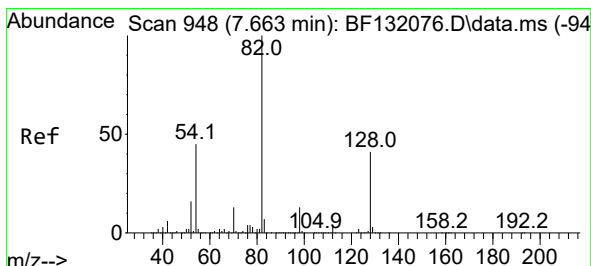
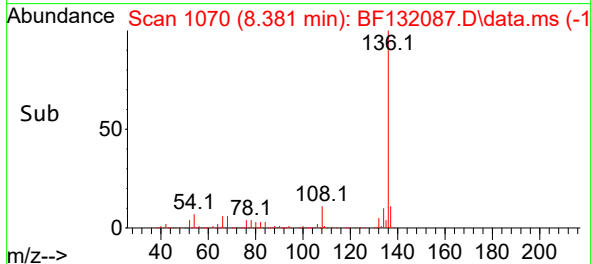
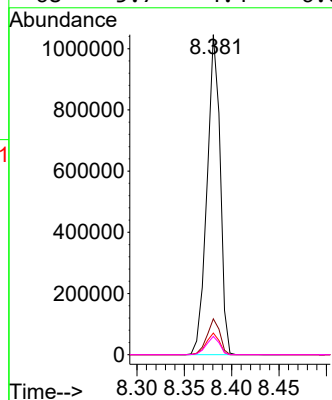
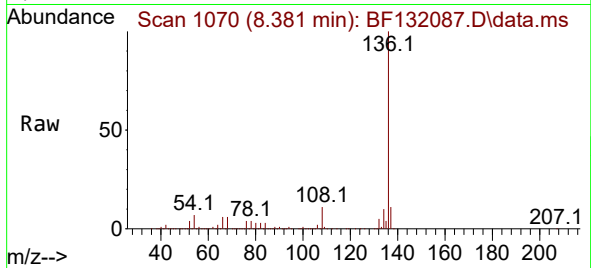




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.381 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BF132087.D
Acq: 17 Jan 2023 00:48

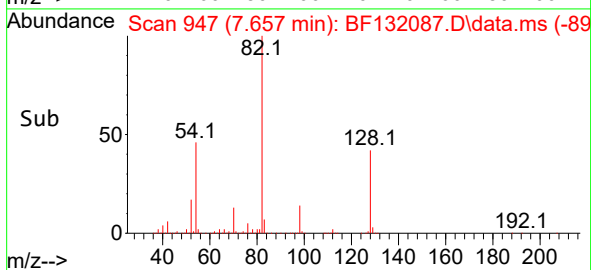
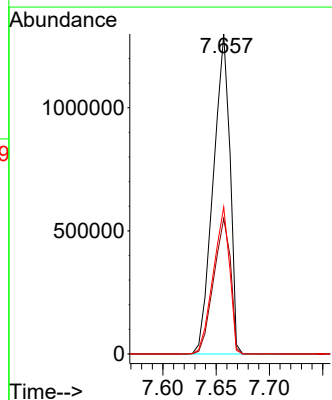
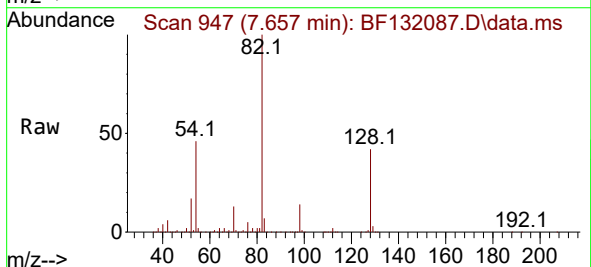
Instrument :
BNA_F
ClientSampleId :
PB150083BL

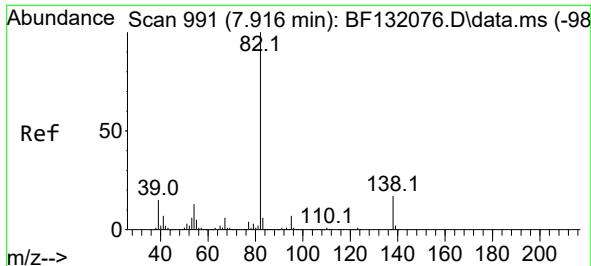
Tgt Ion:136 Resp: 1008008
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.7 5.3 7.9
68 5.7 4.4 6.6



#23
Nitrobenzene-d5
Concen: 95.641 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF132087.D
Acq: 17 Jan 2023 00:48

Tgt Ion: 82 Resp: 1408503
Ion Ratio Lower Upper
82 100
128 42.3 32.6 48.8
54 45.9 36.0 54.0

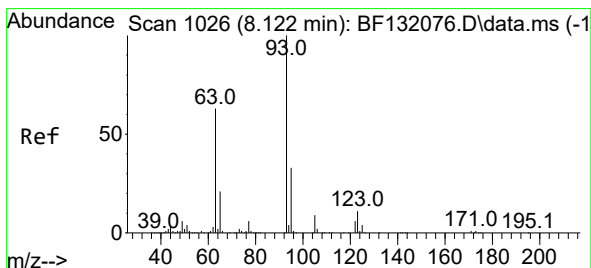
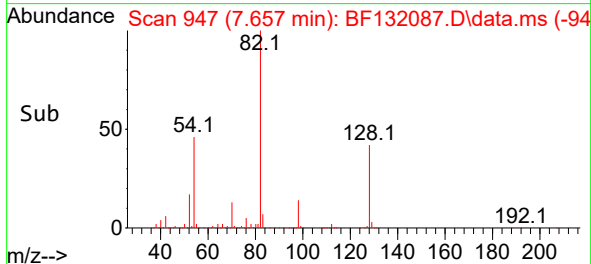
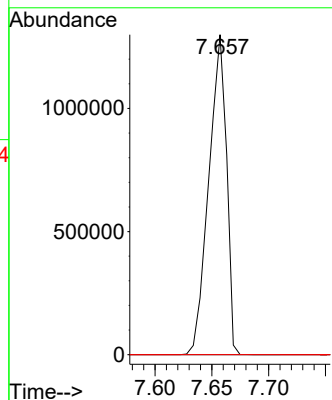
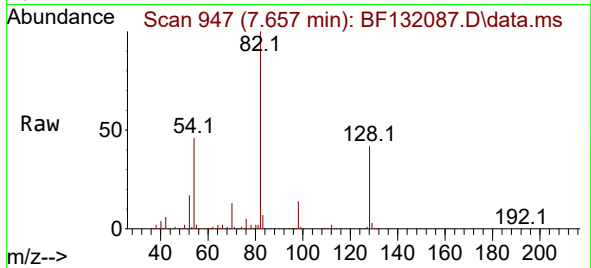




#25
Isophorone
Concen: 40.735 ng
RT: 7.657 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF132087.D
Acq: 17 Jan 2023 00:48

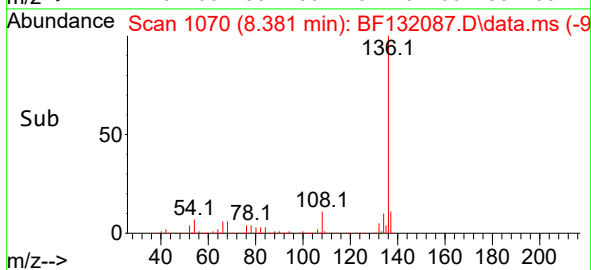
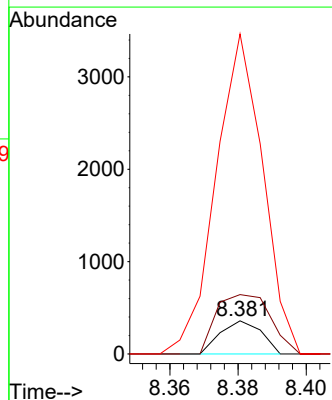
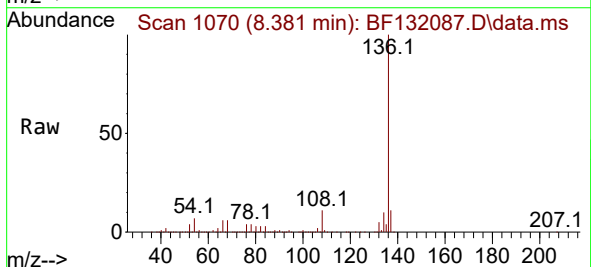
Instrument :
BNA_F
ClientSampleId :
PB150083BL

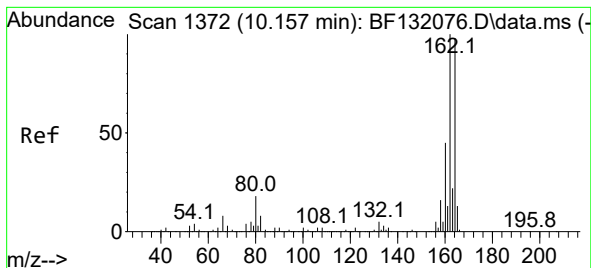
Tgt Ion: 82 Resp: 1408487
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 4.838 ng
RT: 8.381 min Scan# 1070
Delta R.T. 0.259 min
Lab File: BF132087.D
Acq: 17 Jan 2023 00:48

Tgt Ion:122 Resp: 299
Ion Ratio Lower Upper
122 100
105 179.6 105.1 145.1#
77 967.9 74.0 114.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132087.D

Acq: 17 Jan 2023 00:48

Instrument :

BNA_F

ClientSampleId :

PB150083BL

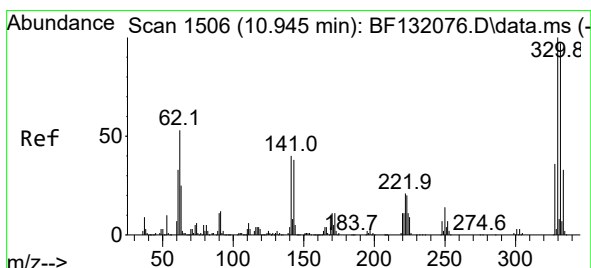
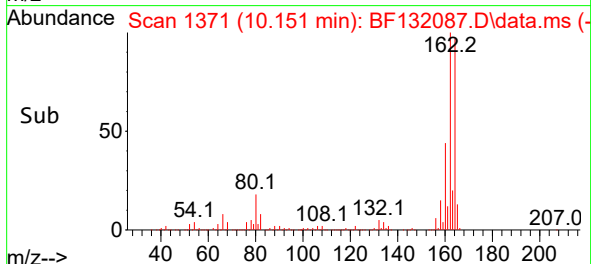
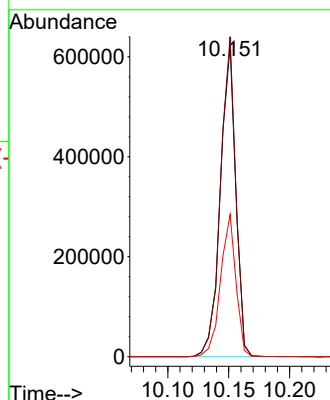
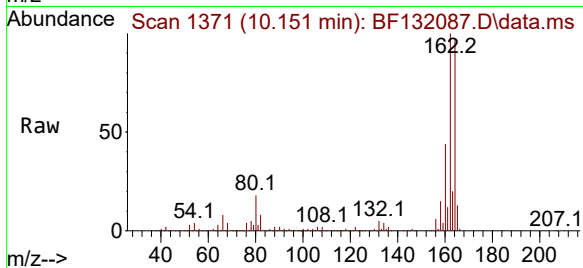
Tgt Ion:164 Resp: 547946

Ion Ratio Lower Upper

164 100

162 102.9 81.5 122.3

160 45.8 36.6 55.0



#42

2,4,6-Tribromophenol

Concen: 132.059 ng

RT: 10.945 min Scan# 1506

Delta R.T. 0.000 min

Lab File: BF132087.D

Acq: 17 Jan 2023 00:48

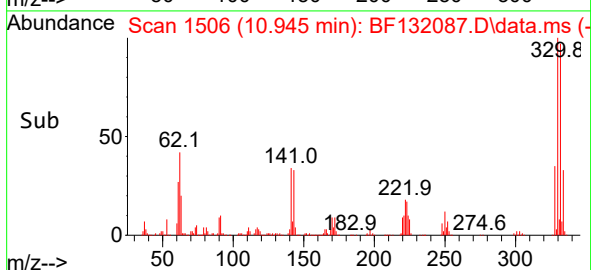
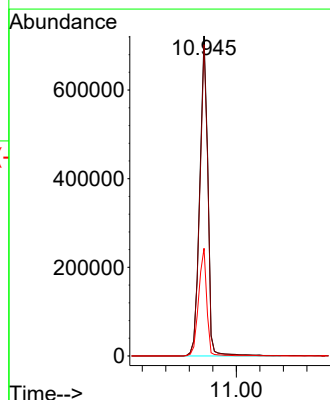
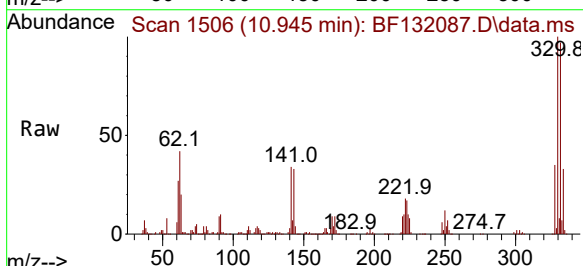
Tgt Ion:330 Resp: 691273

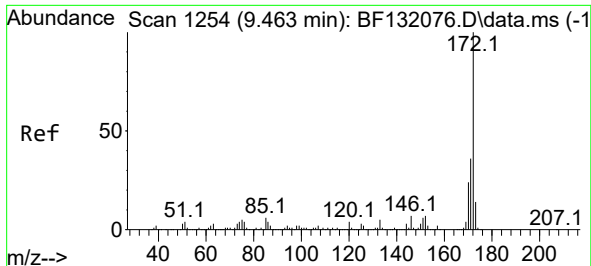
Ion Ratio Lower Upper

330 100

332 97.0 77.9 116.9

141 33.7 29.2 43.8

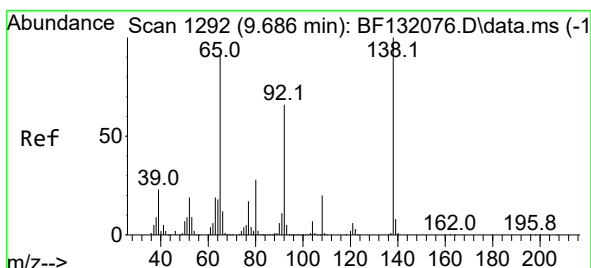
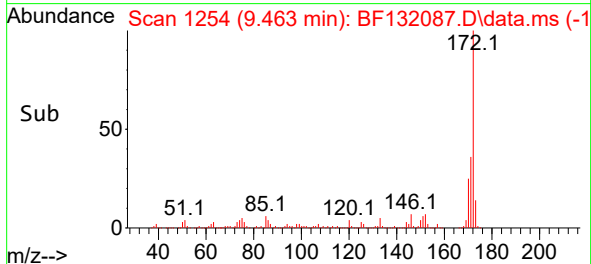
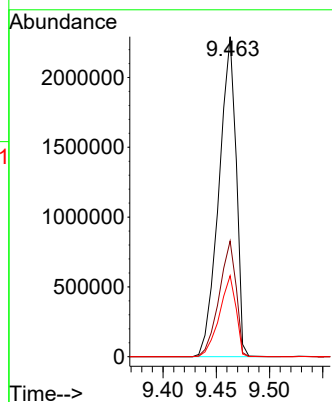
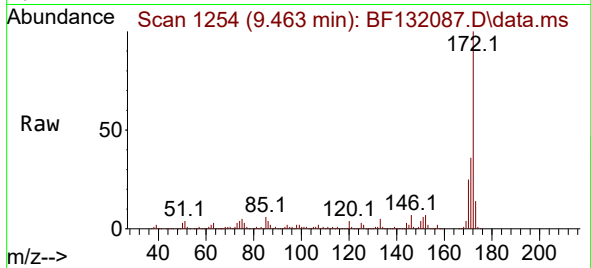




#45
2-Fluorobiphenyl
Concen: 72.906 ng
RT: 9.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132087.D
Acq: 17 Jan 2023 00:48

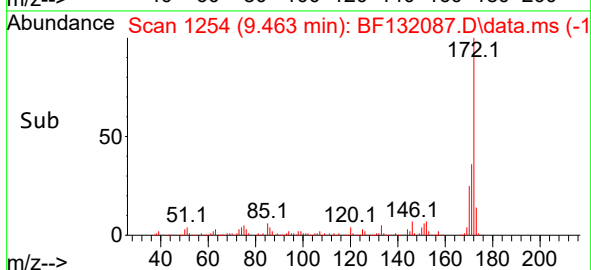
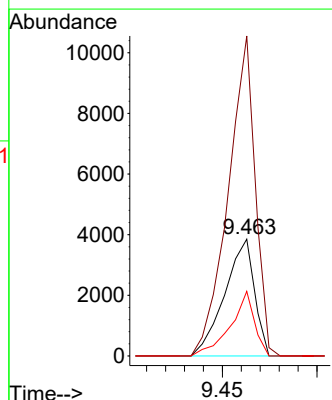
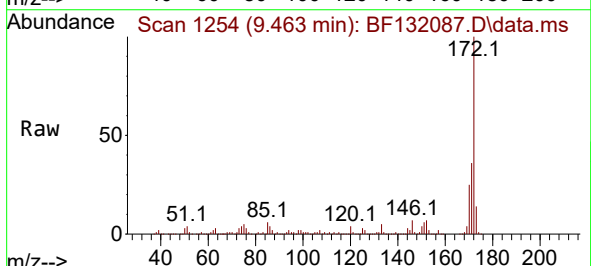
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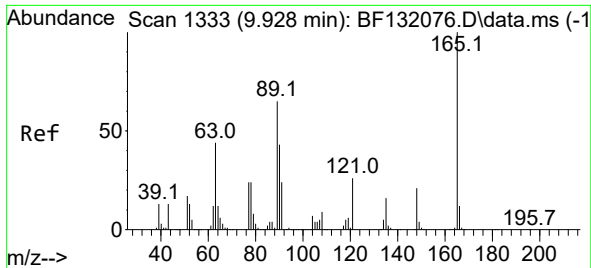
Tgt Ion:172 Resp: 2570160
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 25.3 19.5 29.3



#48
2-Nitroaniline
Concen: 7.833 ng
RT: 9.463 min Scan# 1254
Delta R.T. -0.223 min
Lab File: BF132087.D
Acq: 17 Jan 2023 00:48

Tgt Ion: 65 Resp: 4203
Ion Ratio Lower Upper
65 100
92 274.2 57.8 86.6#
138 55.4 88.2 132.4#

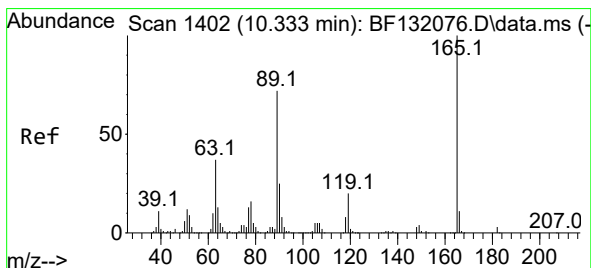
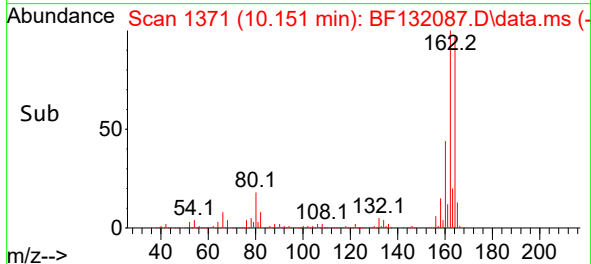
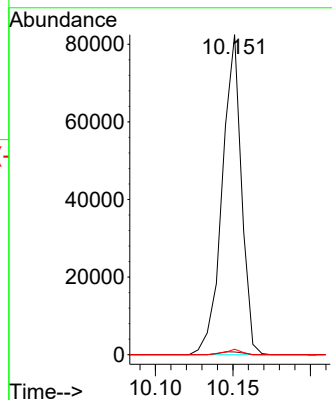
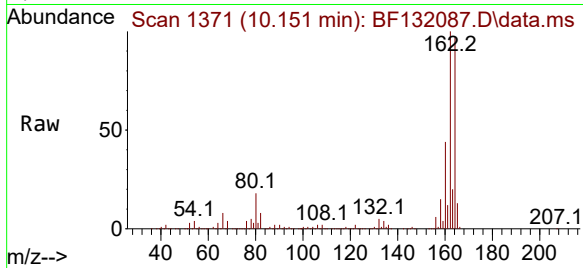




#51
2,6-Dinitrotoluene
Concen: 13.755 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.223 min
Lab File: BF132087.D
Acq: 17 Jan 2023 00:48

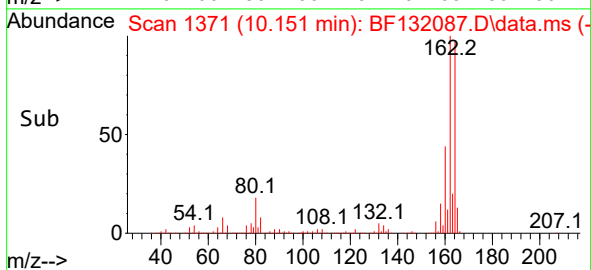
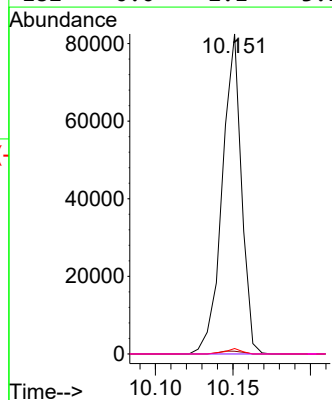
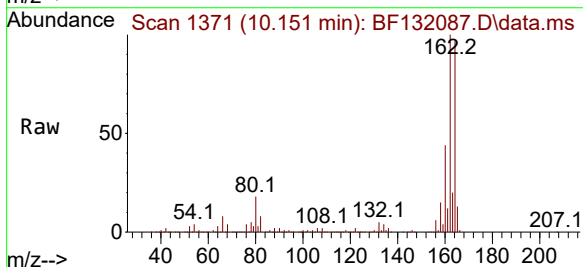
Instrument :
BNA_F
ClientSampleId :
PB150083BL

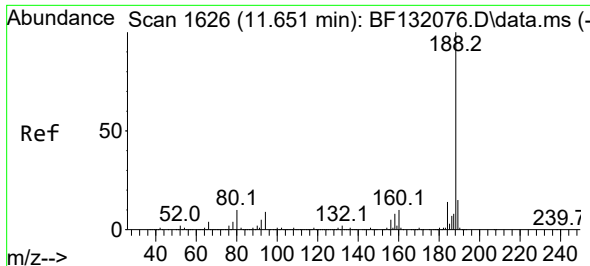
Tgt Ion:165 Resp: 71030
Ion Ratio Lower Upper
165 100
63 0.9 45.7 68.5#
89 1.7 52.5 78.7#



#57
2,4-Dinitrotoluene
Concen: 12.910 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.182 min
Lab File: BF132087.D
Acq: 17 Jan 2023 00:48

Tgt Ion:165 Resp: 71030
Ion Ratio Lower Upper
165 100
63 0.9 29.5 44.3#
89 1.7 57.8 86.8#
182 0.0 2.1 3.1#

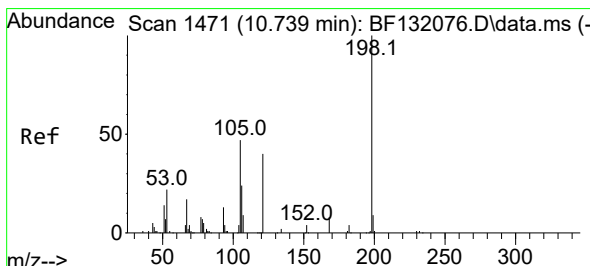
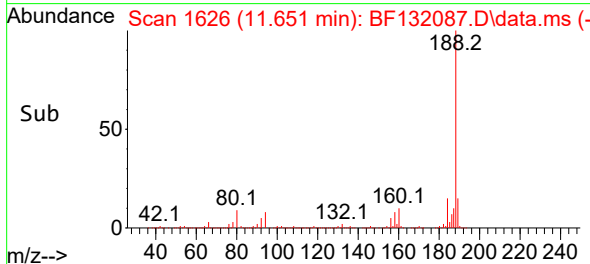
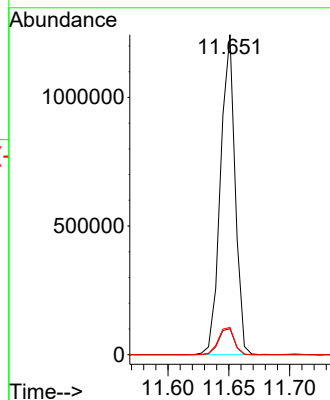
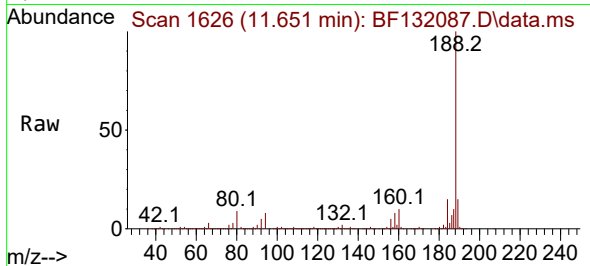




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.651 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132087.D
Acq: 17 Jan 2023 00:48

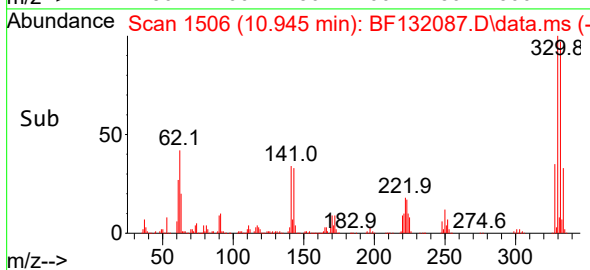
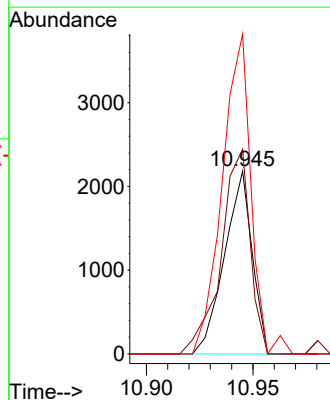
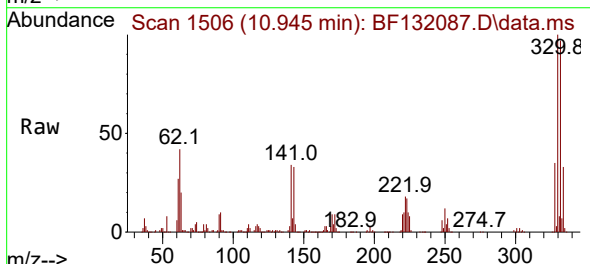
Instrument :
BNA_F
ClientSampleId :
PB150083BL

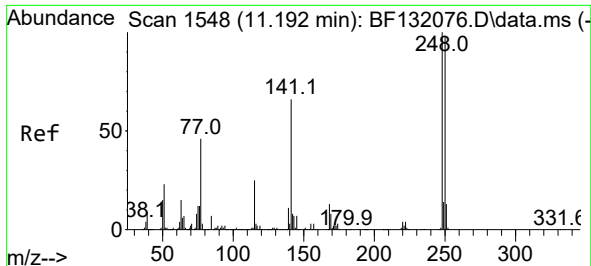
Tgt Ion:188 Resp: 1042696
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 8.5 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 6.599 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.206 min
Lab File: BF132087.D
Acq: 17 Jan 2023 00:48

Tgt Ion:198 Resp: 1967
Ion Ratio Lower Upper
198 100
51 112.0 20.4 60.4#
105 175.0 28.0 68.0#

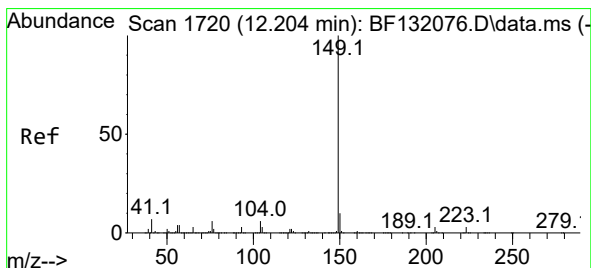
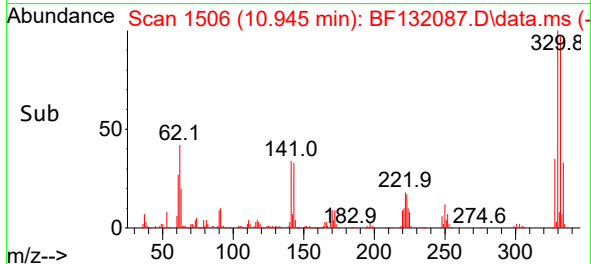
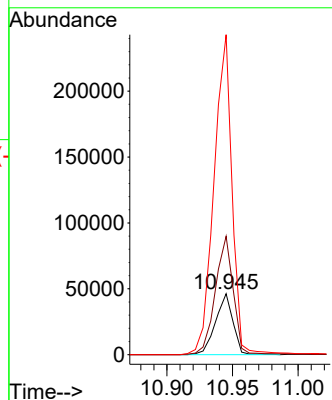
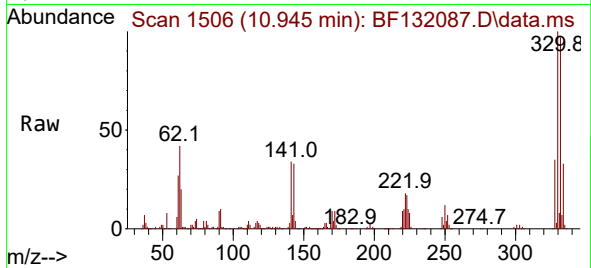




#67
4-Bromophenyl-phenylether
Concen: 3.782 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.247 min
Lab File: BF132087.D
Acq: 17 Jan 2023 00:48

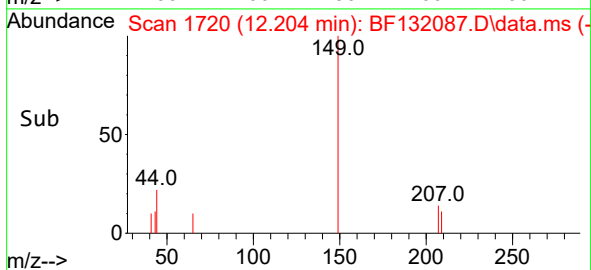
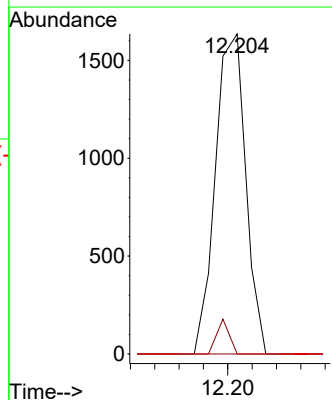
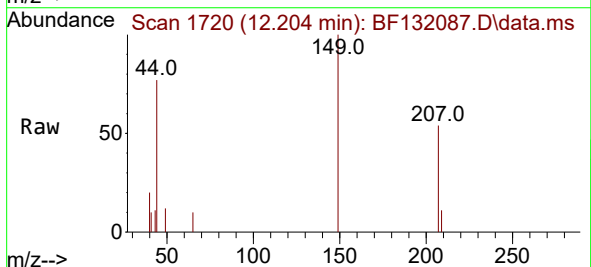
Instrument :
BNA_F
ClientSampleId :
PB150083BL

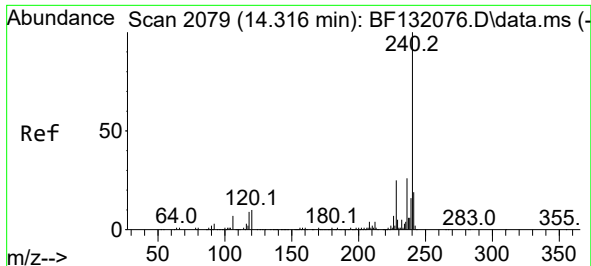
Tgt Ion:248 Resp: 42934
Ion Ratio Lower Upper
248 100
250 194.0 78.2 117.4#
141 524.4 53.2 79.8#



#74
Di-n-butylphthalate
Concen: 5.712 ng
RT: 12.204 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BF132087.D
Acq: 17 Jan 2023 00:48

Tgt Ion:149 Resp: 1415
Ion Ratio Lower Upper
149 100
150 0.0 7.7 11.5#
104 0.0 4.6 6.8#

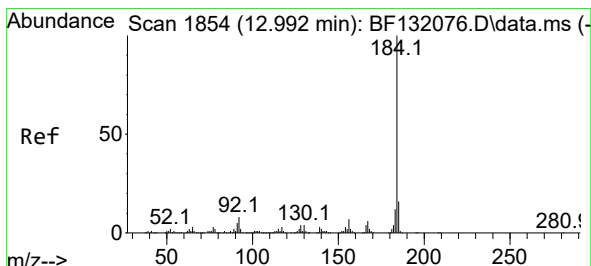
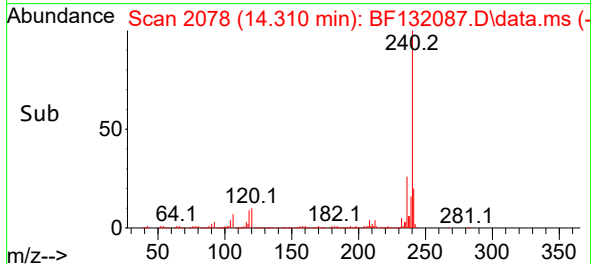
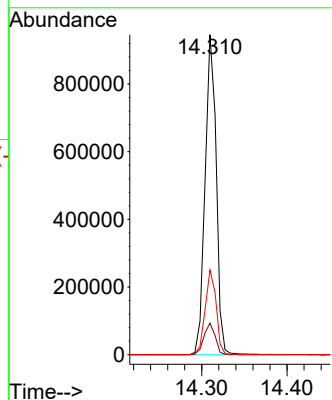
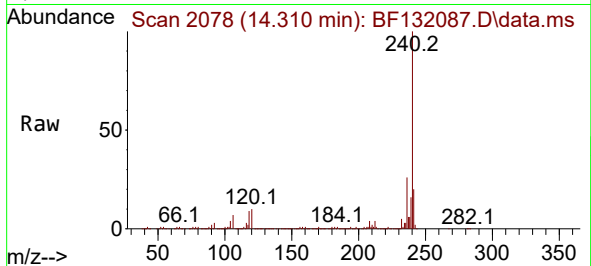




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.310 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BF132087.D
Acq: 17 Jan 2023 00:48

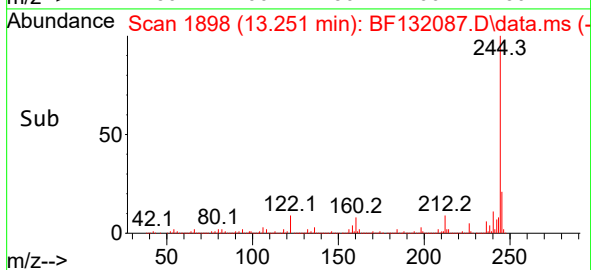
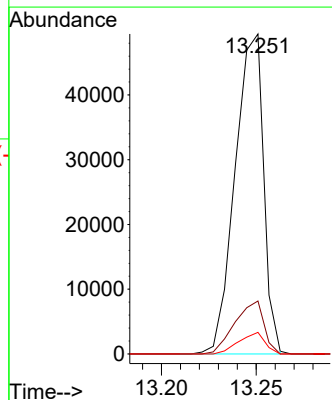
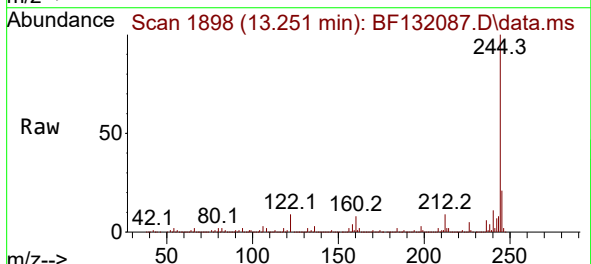
Instrument :
BNA_F
ClientSampleId :
PB150083BL

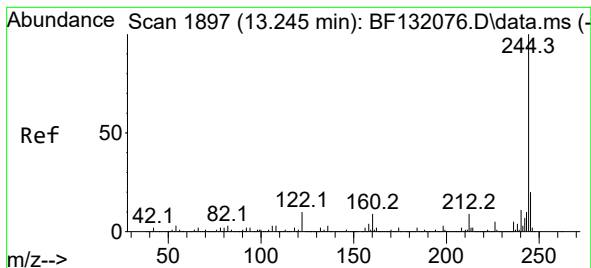
Tgt Ion:240 Resp: 858642
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 26.5 21.0 31.4



#77
Benzidine
Concen: 3.599 ng
RT: 13.251 min Scan# 1898
Delta R.T. 0.259 min
Lab File: BF132087.D
Acq: 17 Jan 2023 00:48

Tgt Ion:184 Resp: 51784
Ion Ratio Lower Upper
184 100
185 16.5 13.1 19.7
183 6.7 9.4 14.0#





#79

Terphenyl-d14

Concen: 67.265 ng

RT: 13.251 min Scan# 1898

Delta R.T. 0.006 min

Lab File: BF132087.D

Acq: 17 Jan 2023 00:48

Instrument :

BNA_F

ClientSampleId :

PB150083BL

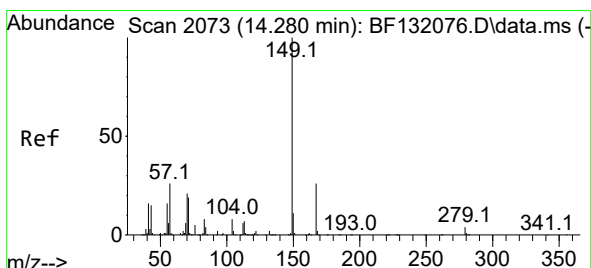
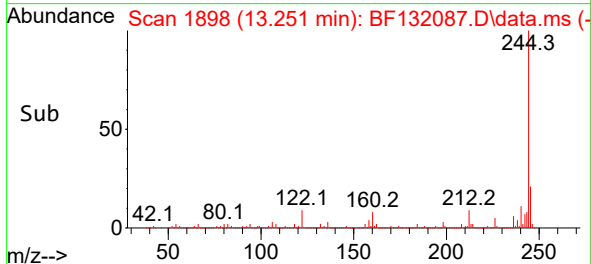
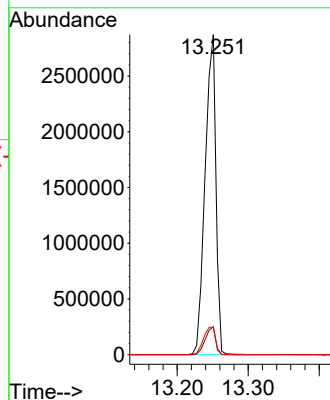
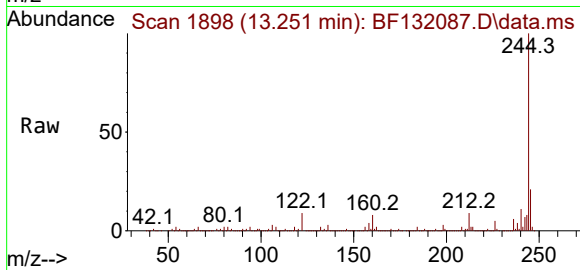
Tgt Ion:244 Resp: 3039660

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

122 8.5 7.8 11.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.731 ng

RT: 14.310 min Scan# 2078

Delta R.T. 0.030 min

Lab File: BF132087.D

Acq: 17 Jan 2023 00:48

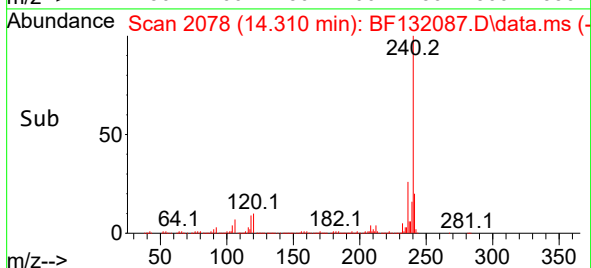
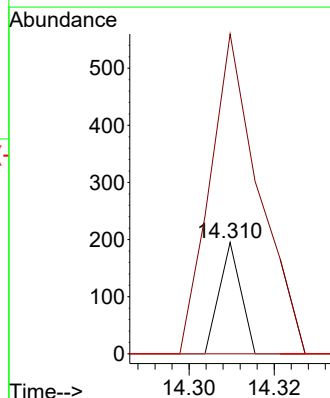
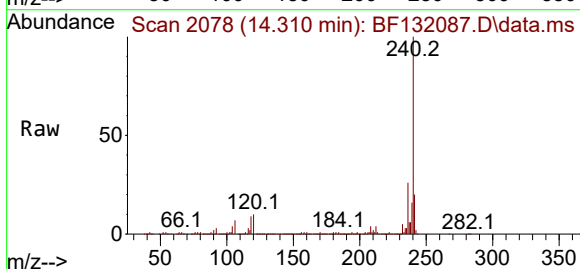
Tgt Ion:149 Resp: 69

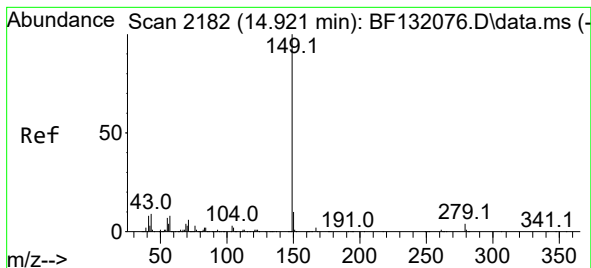
Ion Ratio Lower Upper

149 100

167 287.2 20.9 31.3#

279 0.0 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 8.909 ng

RT: 14.921 min Scan# 2182

Delta R.T. 0.000 min

Lab File: BF132087.D

Acq: 17 Jan 2023 00:48

Instrument :

BNA_F

ClientSampleId :

PB150083BL

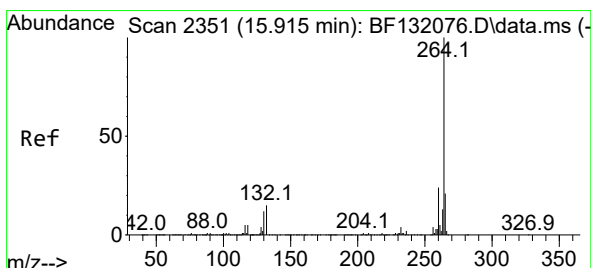
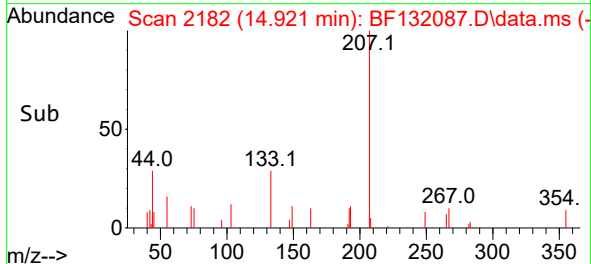
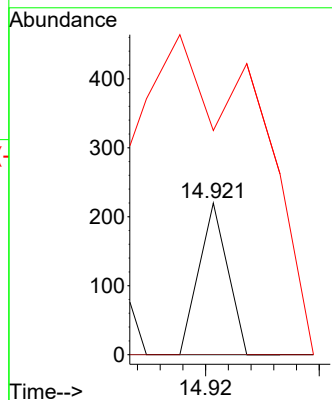
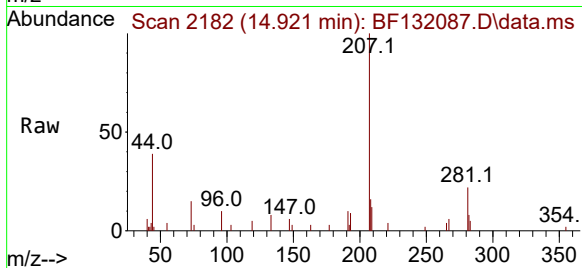
Tgt Ion:149 Resp: 78

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 1153.8 8.8 13.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.915 min Scan# 2351

Delta R.T. -0.000 min

Lab File: BF132087.D

Acq: 17 Jan 2023 00:48

Tgt Ion:264 Resp: 745608

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.1 17.1 25.7

