

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132767.D
 Acq On : 13 Mar 2023 18:53
 Operator : CG\JU
 Sample : 01876-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38414-CONCRETE

Quant Time: Mar 14 01:33:17 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)

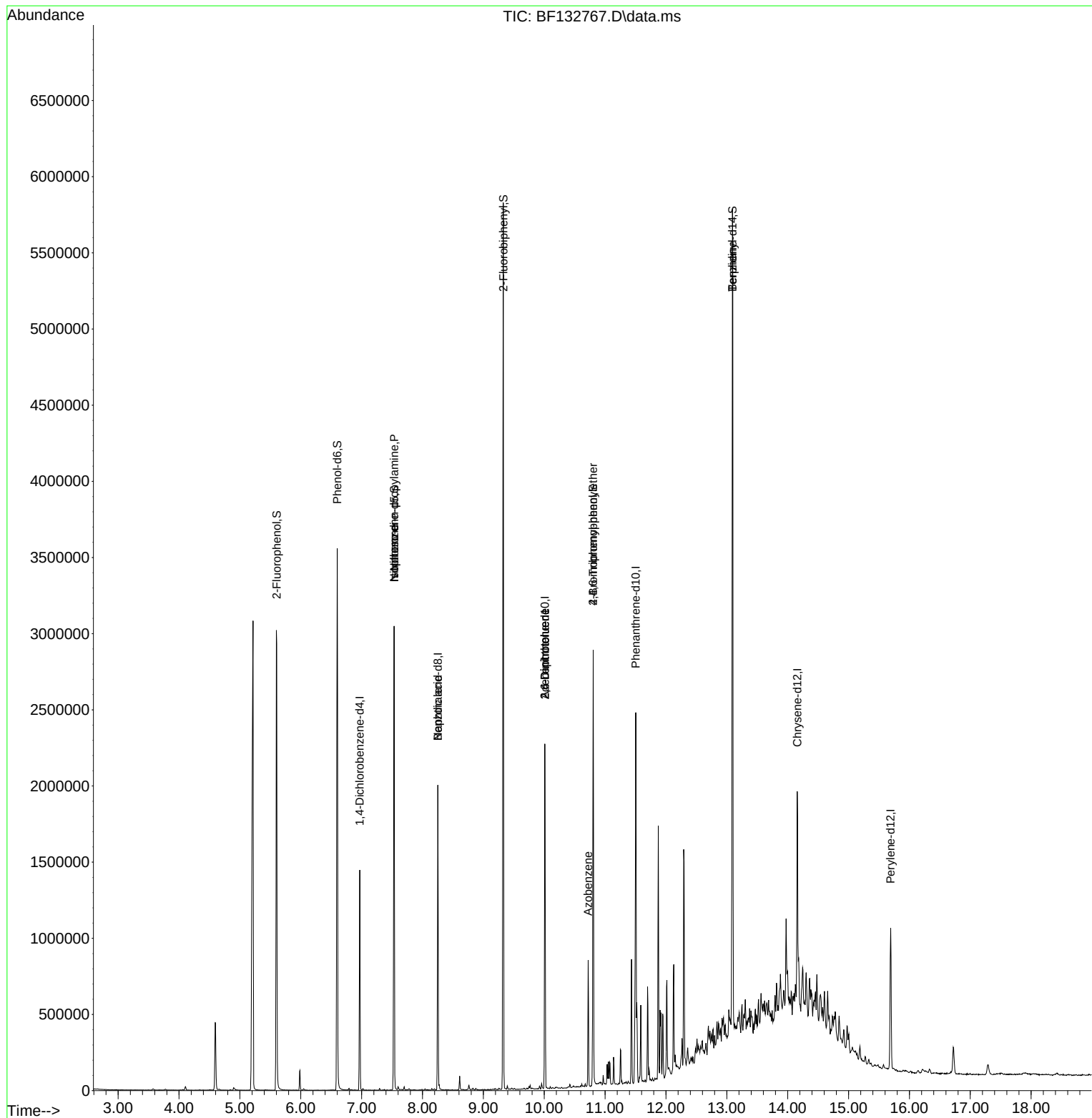
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	197598	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	790721	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	441058	20.000	ng	-0.01
64) Phenanthrene-d10	11.504	188	861287	20.000	ng	0.00
76) Chrysene-d12	14.157	240	468450	20.000	ng	#-0.01
86) Perylene-d12	15.692	264	445793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	924774	75.956	ng	0.00
7) Phenol-d6	6.599	99	1317657	82.926	ng	-0.01
23) Nitrobenzene-d5	7.534	82	977210	58.634	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	334738	70.275	ng	-0.01
45) 2-Fluorobiphenyl	9.328	172	1697713	58.610	ng	0.00
79) Terphenyl-d14	13.092	244	2155400	77.793	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.534	70	128368	13.127	ng	# 76
25) Isophorone	7.534	82	977199	30.582	ng	# 67
32) Benzoic acid	8.251	122	150	3.850	ng	# 1
51) 2,6-Dinitrotoluene	10.010	165	57217	7.823	ng	# 22
57) 2,4-Dinitrotoluene	10.010	165	57217	5.880	ng	# 21
63) Azobenzene	10.722	77	134879	4.061	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	21500	2.207	ng	# 1
77) Benzidine	13.092	184	29626	2.598	ng	# 88

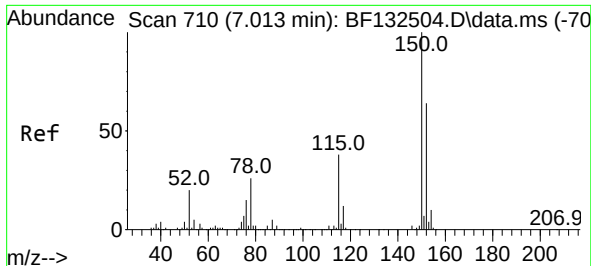
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
Data File : BF132767.D
Acq On : 13 Mar 2023 18:53
Operator : CG\JU
Sample : 01876-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
38414-CONCRETE

Quant Time: Mar 14 01:33:17 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

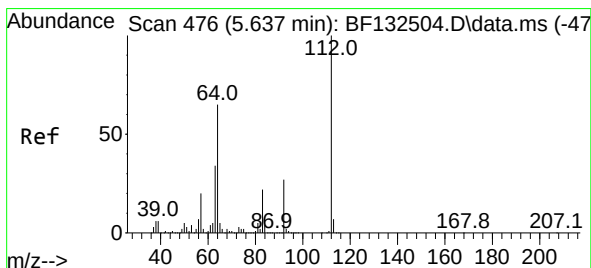
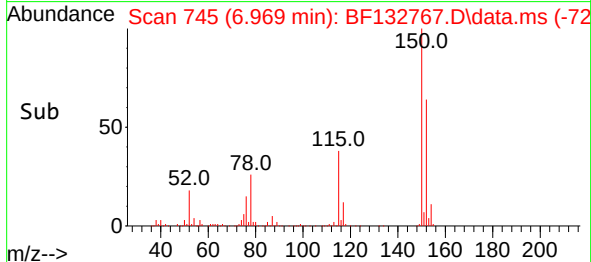
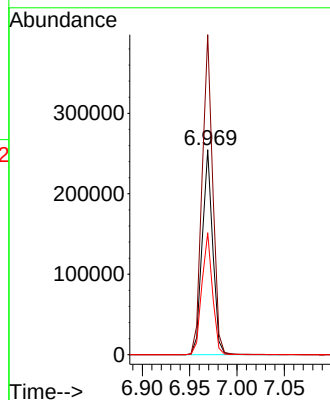
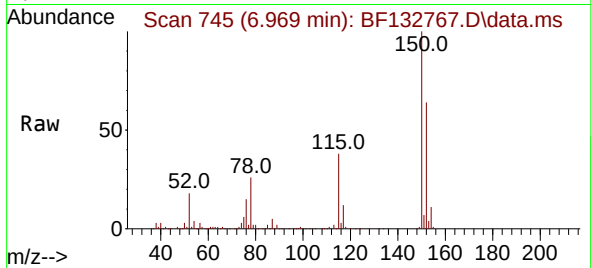




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

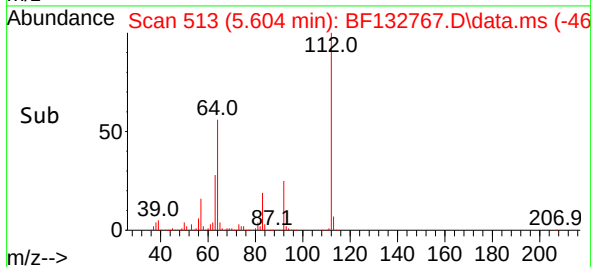
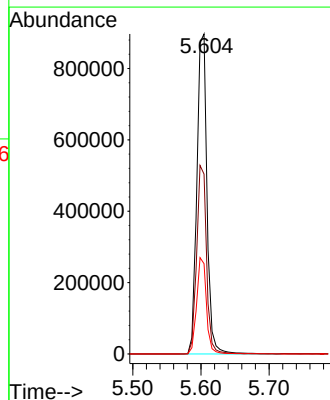
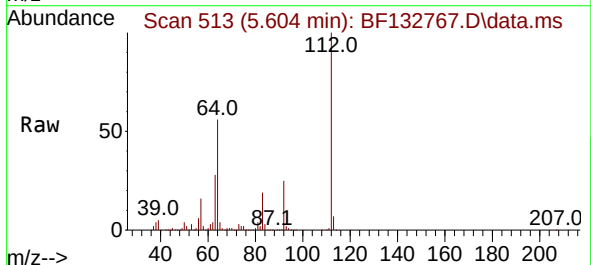
Instrument :
BNA_F
ClientSampleId :
38414-CONCRETE

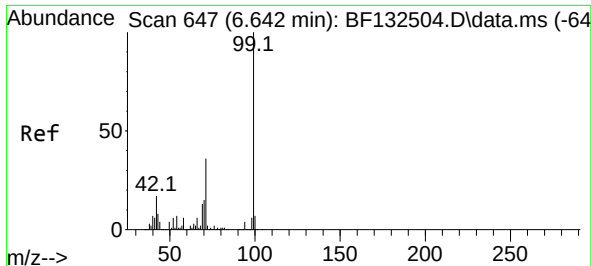
Tgt Ion:152 Resp: 197598
Ion Ratio Lower Upper
152 100
150 156.1 125.4 188.2
115 59.5 47.8 71.6



#5
2-Fluorophenol
Concen: 75.956 ng
RT: 5.604 min Scan# 513
Delta R.T. 0.006 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

Tgt Ion:112 Resp: 924774
Ion Ratio Lower Upper
112 100
64 56.2 51.6 77.4
63 28.2 27.4 41.2

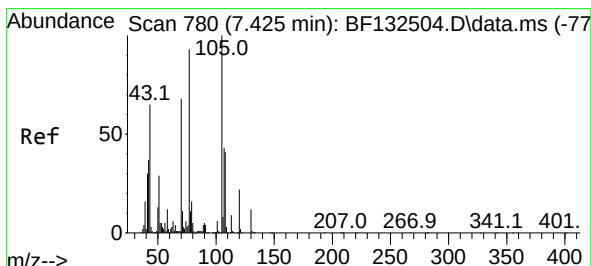
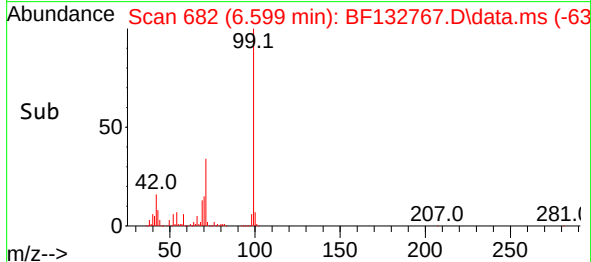
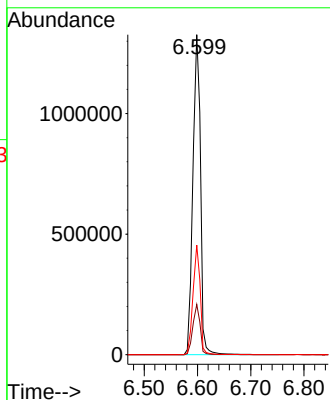
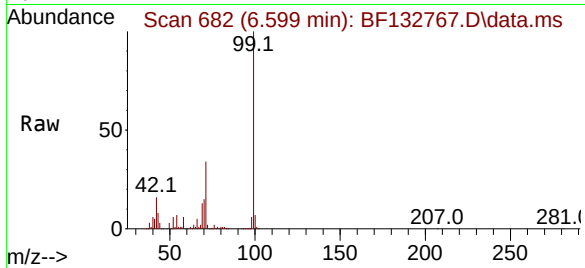




#7
Phenol-d6
Concen: 82.926 ng
RT: 6.599 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

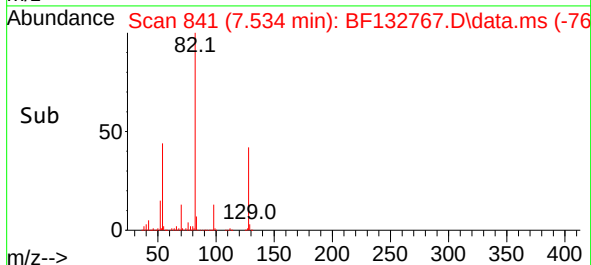
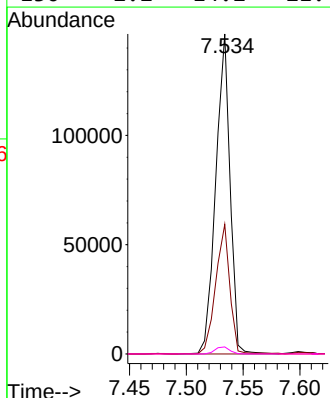
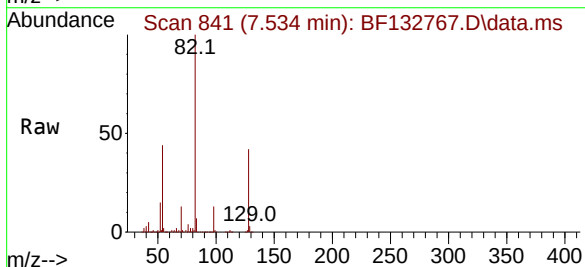
Instrument :
BNA_F
ClientSampleId :
38414-CONCRETE

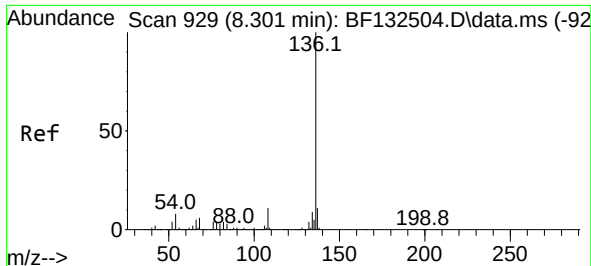
Tgt Ion: 99 Resp: 1317657
Ion Ratio Lower Upper
99 100
42 15.7 13.9 20.9
71 34.3 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.127 ng
RT: 7.534 min Scan# 841
Delta R.T. 0.147 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

Tgt Ion: 70 Resp: 128368
Ion Ratio Lower Upper
70 100
42 40.5 44.1 66.1#
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



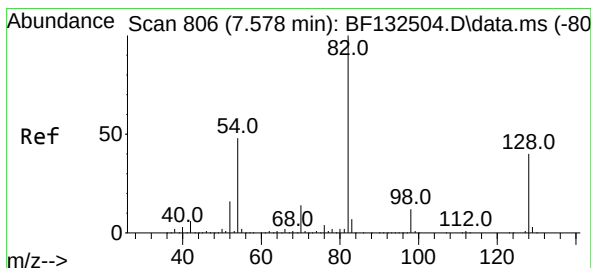
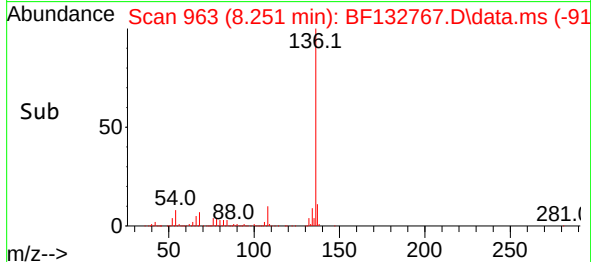
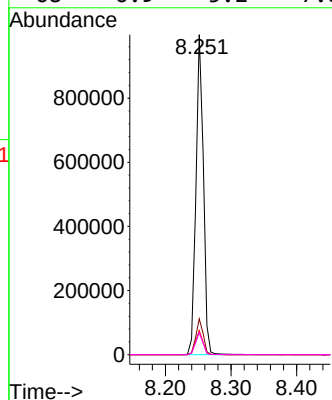
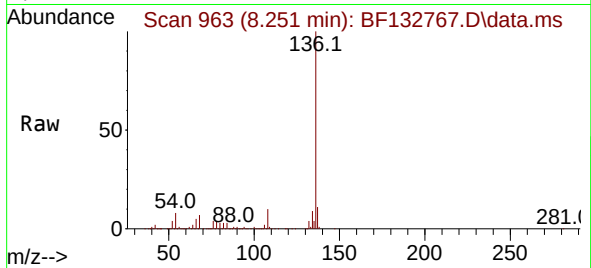


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

Instrument :
BNA_F
ClientSampleId :
38414-CONCRETE

Tgt Ion:136 Resp: 790721

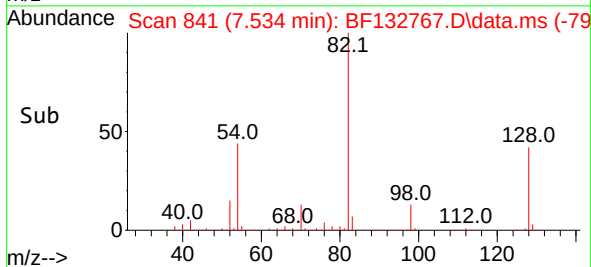
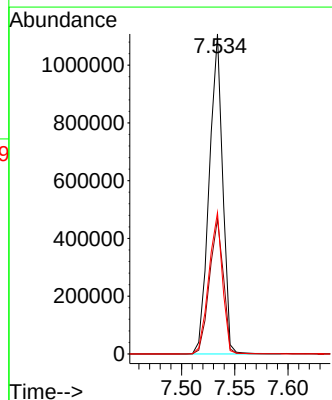
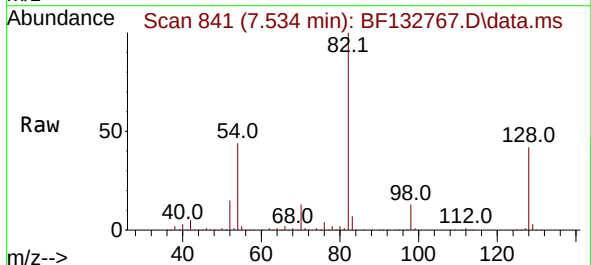
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.5	6.2	9.4
68	6.9	5.2	7.8

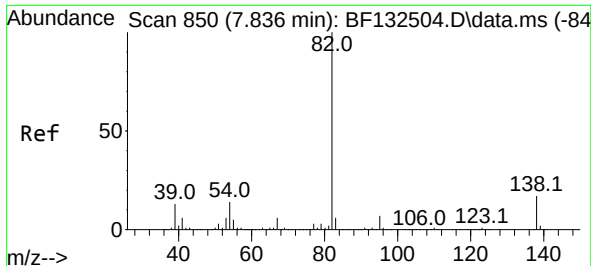


#23
Nitrobenzene-d5
Concen: 58.634 ng
RT: 7.534 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

Tgt Ion: 82 Resp: 977210

Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.2	48.2
54	44.2	38.4	57.6

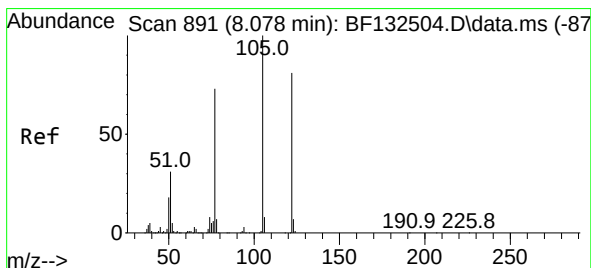
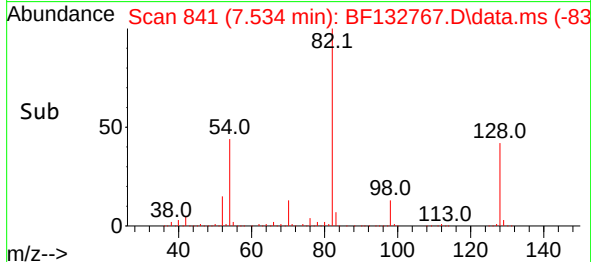
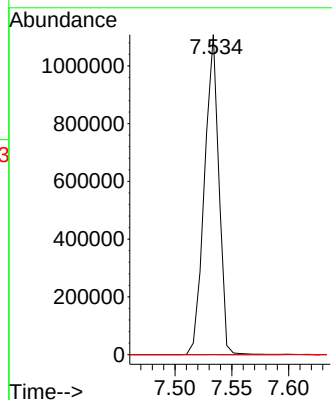
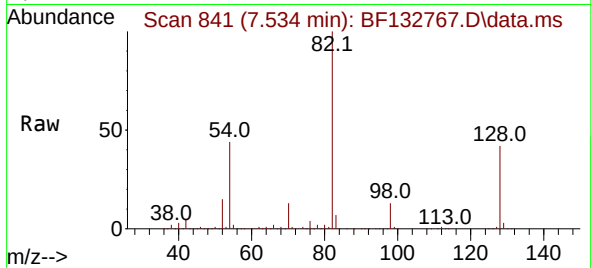




#25
Isophorone
Concen: 30.582 ng
RT: 7.534 min Scan# 841
Delta R.T. -0.264 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

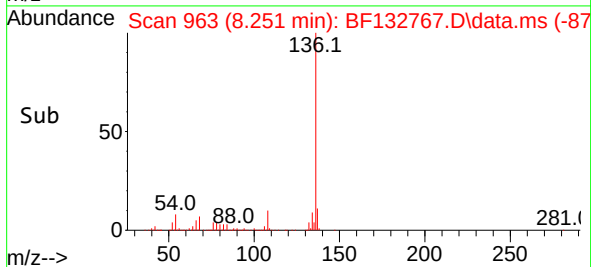
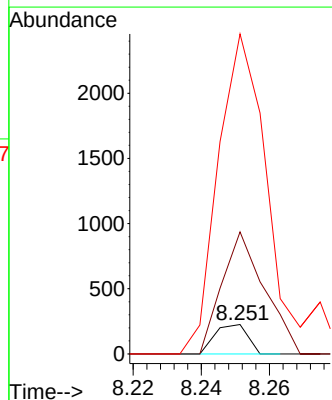
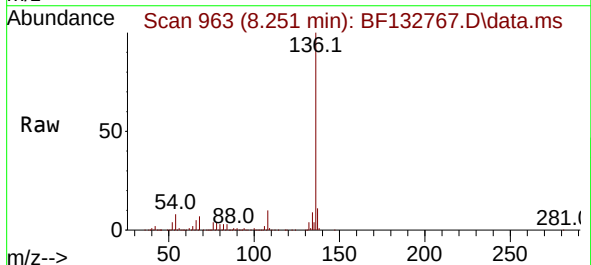
Instrument :
BNA_F
ClientSampleId :
38414-CONCRETE

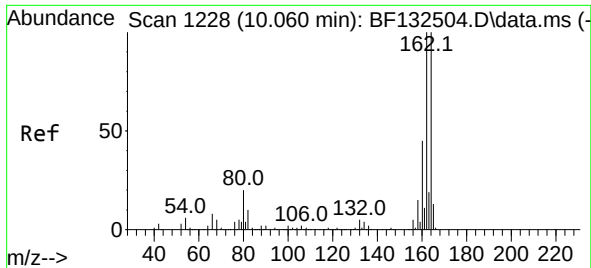
Tgt Ion: 82 Resp: 977199
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.850 ng
RT: 8.251 min Scan# 963
Delta R.T. 0.212 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

Tgt Ion:122 Resp: 150
Ion Ratio Lower Upper
122 100
105 416.4 102.6 142.6#
77 1091.1 70.2 110.2#

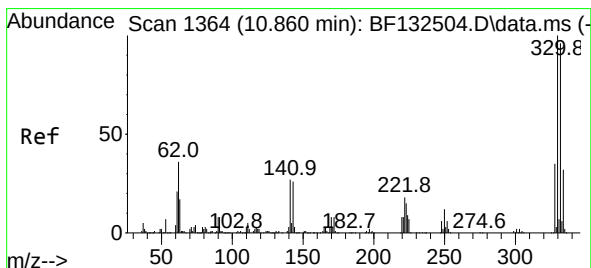
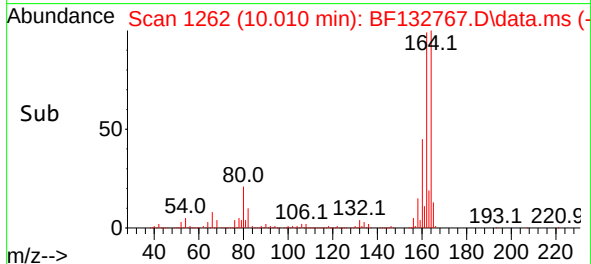
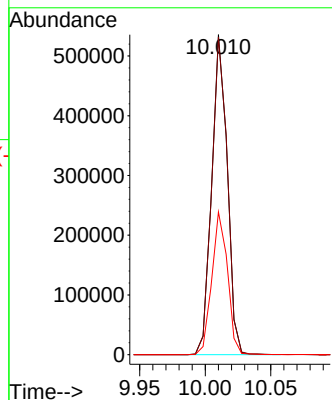
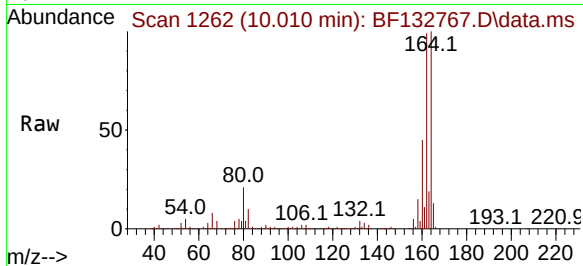




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

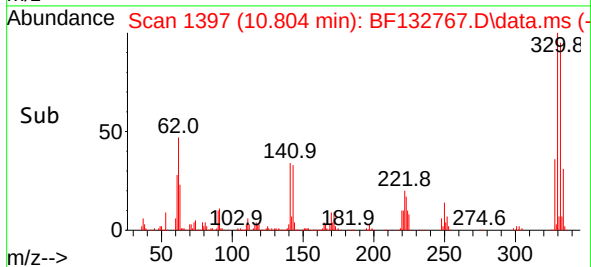
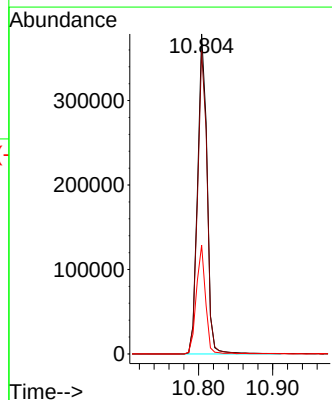
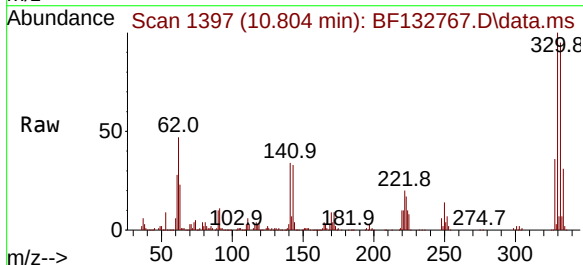
Instrument :
BNA_F
ClientSampleId :
38414-CONCRETE

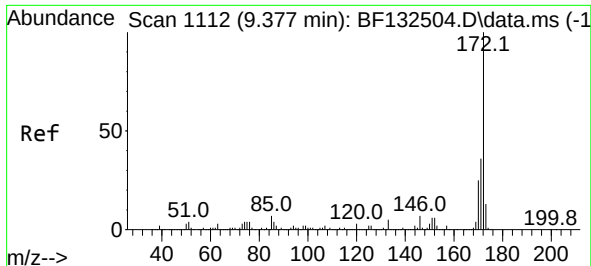
Tgt Ion:164 Resp: 441058
Ion Ratio Lower Upper
164 100
162 99.2 79.8 119.8
160 44.6 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 70.275 ng
RT: 10.804 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

Tgt Ion:330 Resp: 334738
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 33.1 28.4 42.6

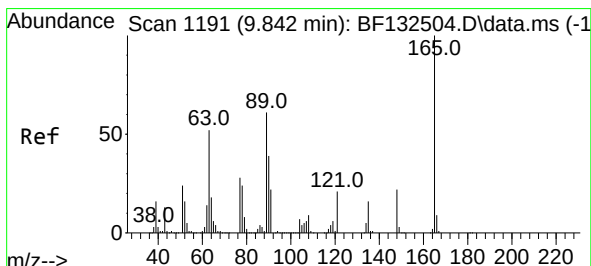
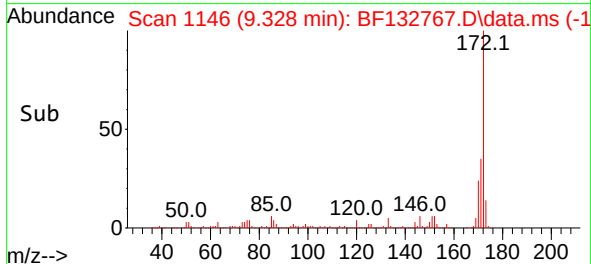
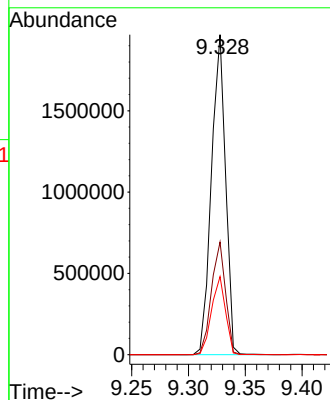
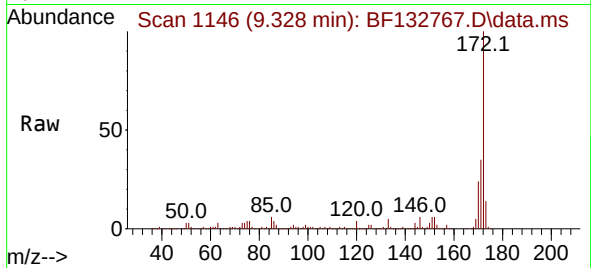




#45
2-Fluorobiphenyl
Concen: 58.610 ng
RT: 9.328 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

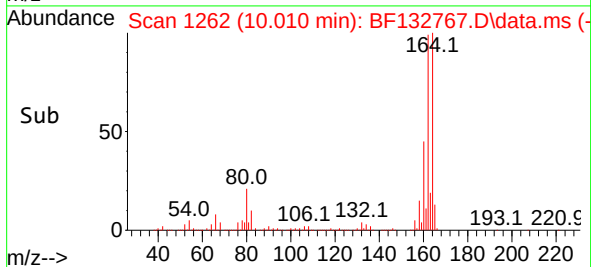
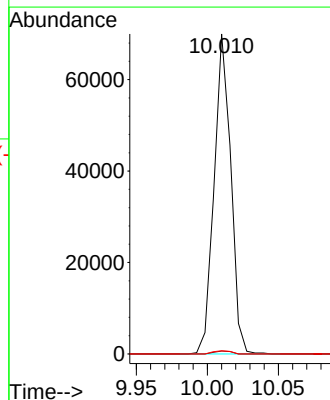
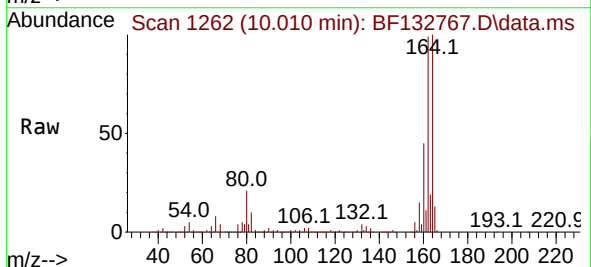
Instrument :
BNA_F
ClientSampleId :
38414-CONCRETE

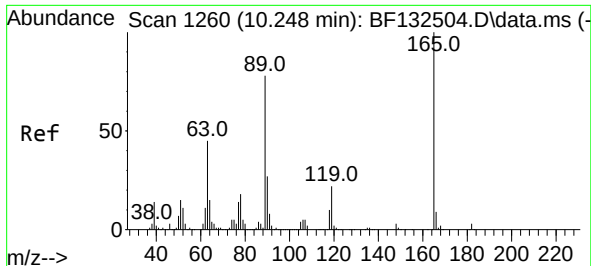
Tgt Ion:172 Resp: 1697713
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 24.4 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.823 ng
RT: 10.010 min Scan# 1262
Delta R.T. 0.206 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

Tgt Ion:165 Resp: 57217
Ion Ratio Lower Upper
165 100
63 0.9 47.3 70.9#
89 1.0 48.9 73.3#

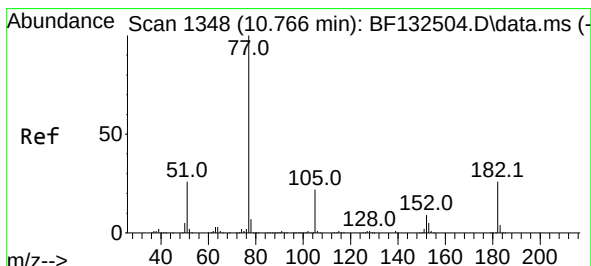
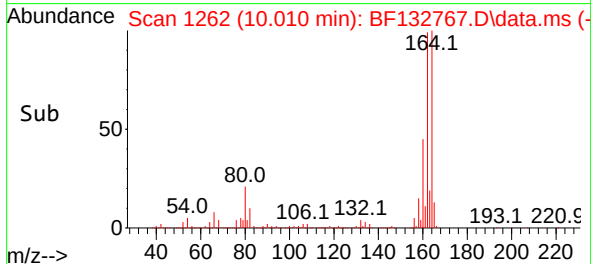
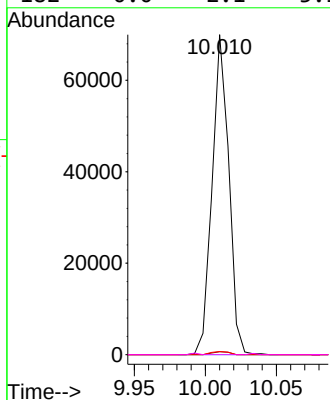
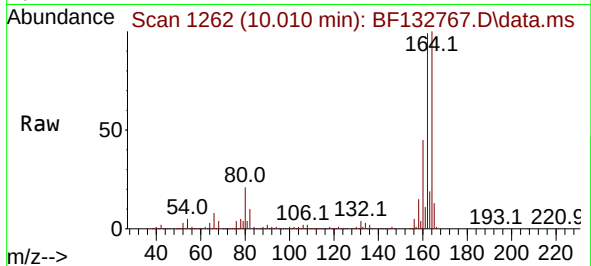




#57
2,4-Dinitrotoluene
Concen: 5.880 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

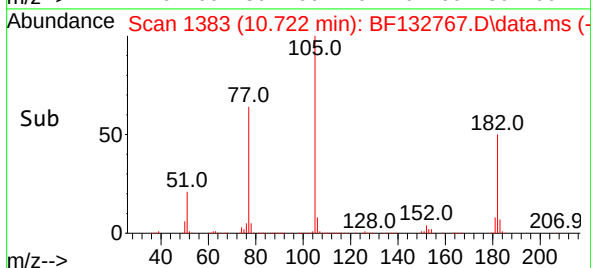
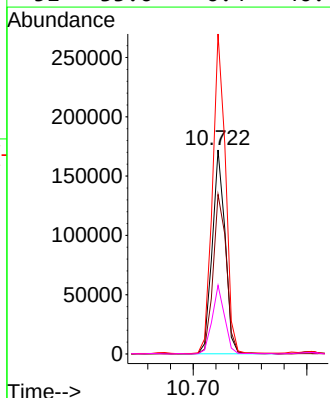
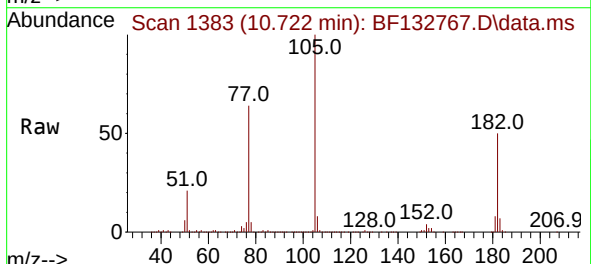
Instrument :
BNA_F
ClientSampleId :
38414-CONCRETE

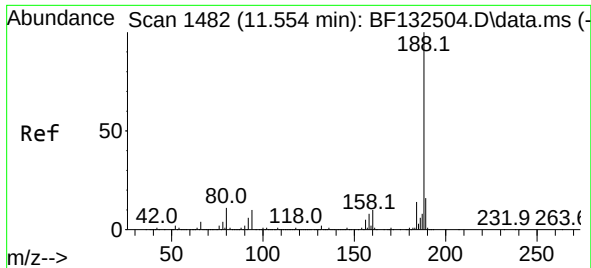
Tgt Ion:165 Resp: 57217
Ion Ratio Lower Upper
165 100
63 0.9 36.5 54.7#
89 1.0 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 4.061 ng
RT: 10.722 min Scan# 1383
Delta R.T. 0.000 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

Tgt Ion: 77 Resp: 134879
Ion Ratio Lower Upper
77 100
182 78.2 5.5 45.5#
105 156.9 1.8 41.8#
51 33.6 6.4 46.4

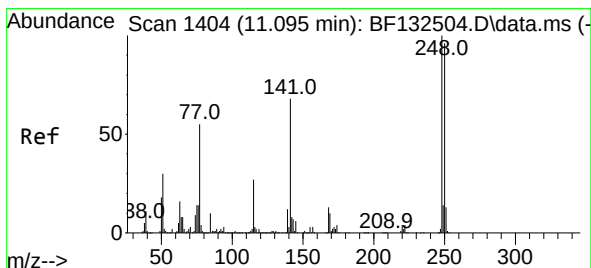
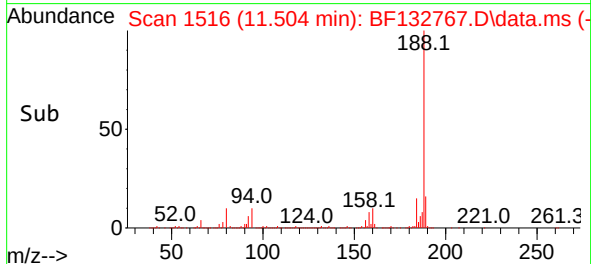
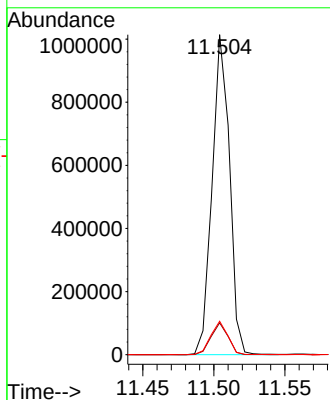
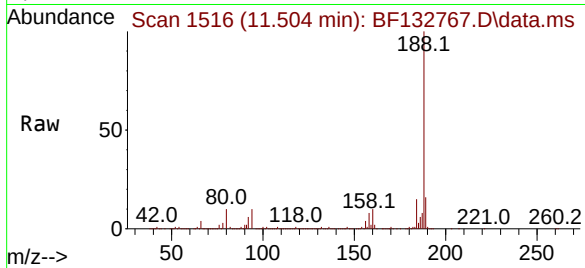




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

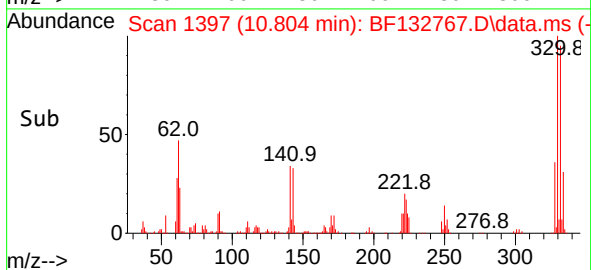
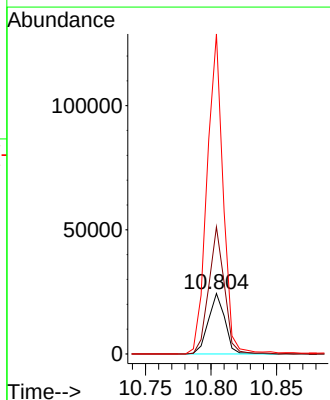
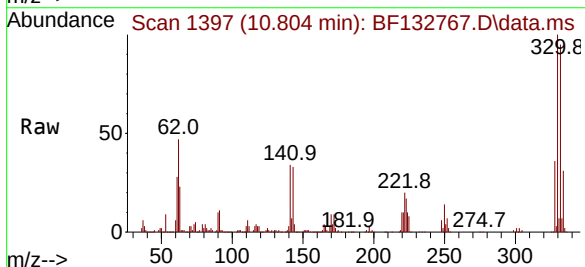
Instrument :
BNA_F
ClientSampleId :
38414-CONCRETE

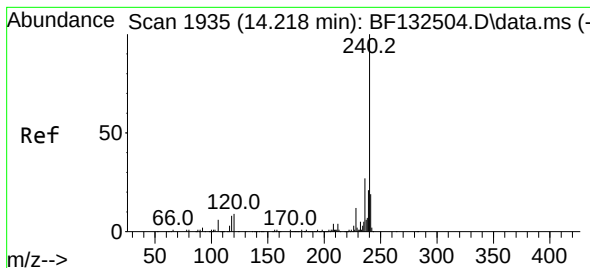
Tgt Ion:188 Resp: 861287
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.4 8.7 13.1



#67
4-Bromophenyl-phenylether
Concen: 2.207 ng
RT: 10.804 min Scan# 1397
Delta R.T. -0.247 min
Lab File: BF132767.D
Acq: 13 Mar 2023 18:53

Tgt Ion:248 Resp: 21500
Ion Ratio Lower Upper
248 100
250 209.9 77.0 115.4#
141 528.9 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.157 min Scan# 1935

Delta R.T. -0.012 min

Lab File: BF132767.D

Acq: 13 Mar 2023 18:53

Instrument :

BNA_F

ClientSampleId :

38414-CONCRETE

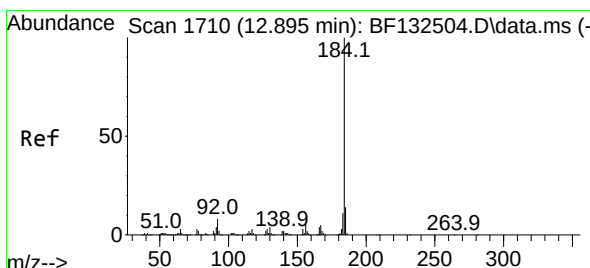
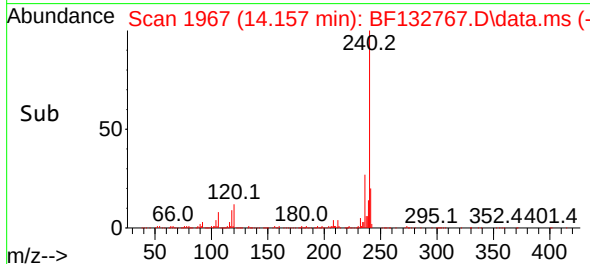
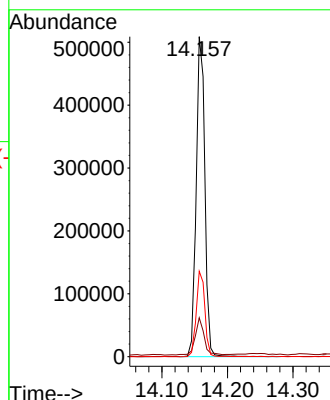
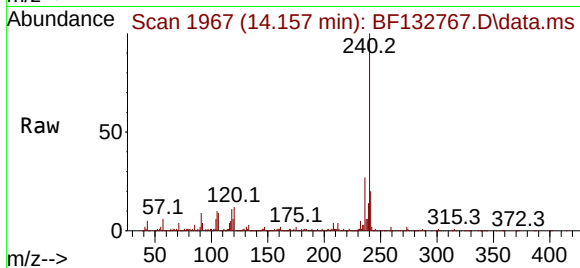
Tgt Ion:240 Resp: 468450

Ion Ratio Lower Upper

240 100

120 12.1 7.2 10.8#

236 26.7 21.8 32.6



#77

Benzidine

Concen: 2.598 ng

RT: 13.092 min Scan# 1786

Delta R.T. 0.241 min

Lab File: BF132767.D

Acq: 13 Mar 2023 18:53

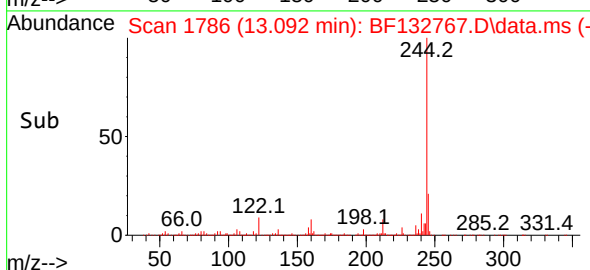
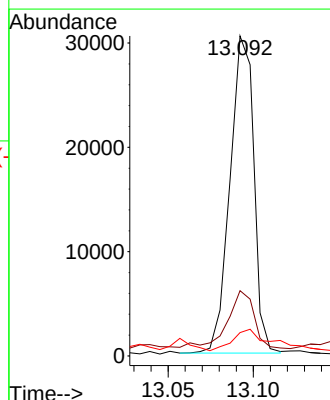
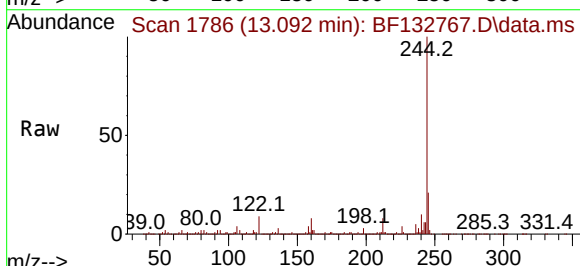
Tgt Ion:184 Resp: 29626

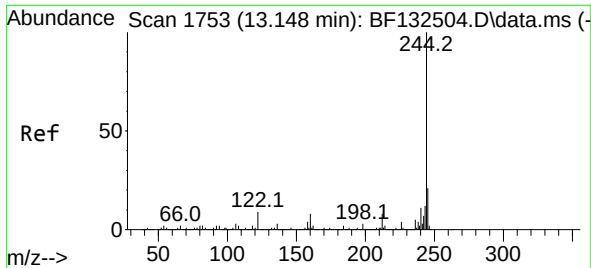
Ion Ratio Lower Upper

184 100

185 20.4 11.7 17.5#

183 7.3 8.7 13.1#

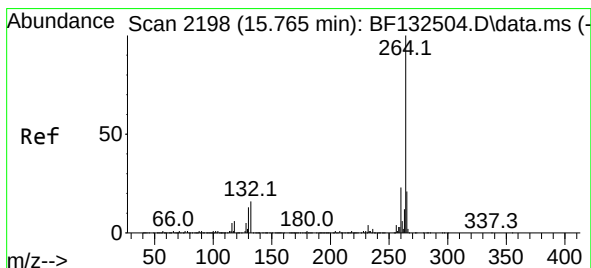
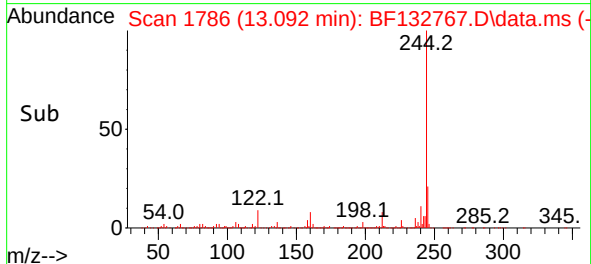
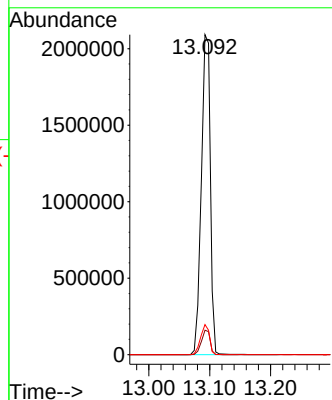
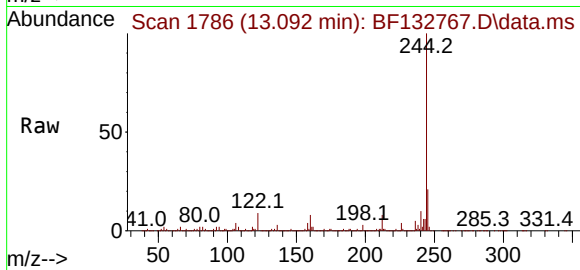




#79
 Terphenyl-d14
 Concen: 77.793 ng
 RT: 13.092 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132767.D
 Acq: 13 Mar 2023 18:53

Instrument :
 BNA_F
 ClientSampleId :
 38414-CONCRETE

Tgt Ion:244 Resp: 2155400
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 9.4 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 2228
 Delta R.T. -0.006 min
 Lab File: BF132767.D
 Acq: 13 Mar 2023 18:53

Tgt Ion:264 Resp: 445793
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.0 17.1 25.7

