

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132768.D
 Acq On : 13 Mar 2023 19:25
 Operator : CG\JU
 Sample : 01877-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOIL

Quant Time: Mar 14 01:33:37 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)

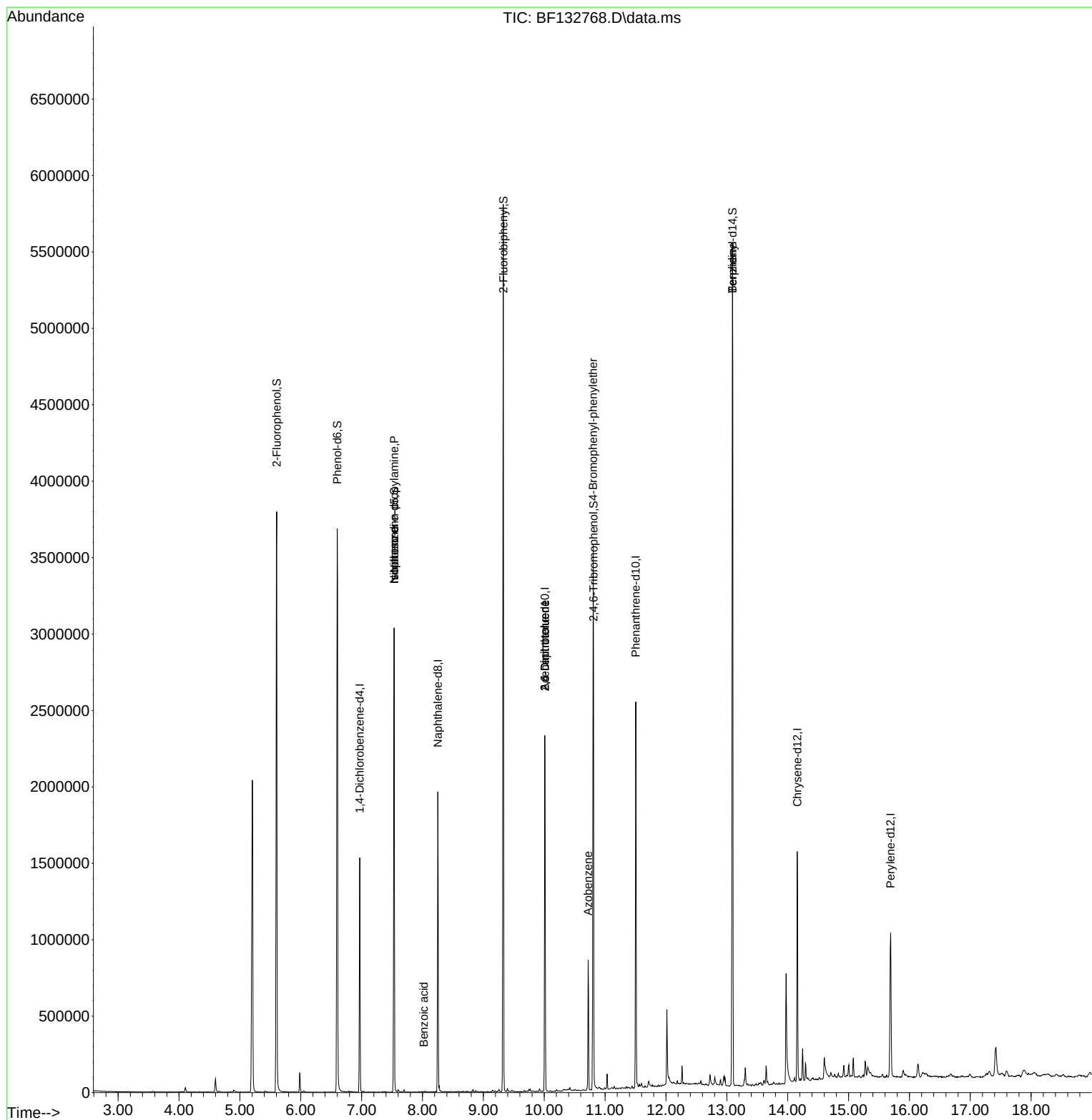
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	214326	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	793386	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	450423	20.000	ng	-0.01
64) Phenanthrene-d10	11.504	188	909922	20.000	ng	0.00
76) Chrysene-d12	14.157	240	506284	20.000	ng	#-0.01
86) Perylene-d12	15.692	264	451635	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	1146397	86.810	ng	0.00
7) Phenol-d6	6.598	99	1471856	85.401	ng	-0.01
23) Nitrobenzene-d5	7.534	82	952096	56.935	ng	-0.01
42) 2,4,6-Tribromophenol	10.810	330	454384	93.410	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1651461	55.828	ng	0.00
79) Terphenyl-d14	13.092	244	2114634	70.619	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.534	70	123709	11.663	ng	# 74
25) Isophorone	7.534	82	952263	29.702	ng	# 67
32) Benzoic acid	8.022	122	310	3.865	ng	# 30
51) 2,6-Dinitrotoluene	10.010	165	57975	7.762	ng	# 22
57) 2,4-Dinitrotoluene	10.010	165	57975	5.834	ng	# 21
63) Azobenzene	10.722	77	143554	4.232	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	29484	2.865	ng	# 1
77) Benzidine	13.092	184	30394	2.466	ng	# 92

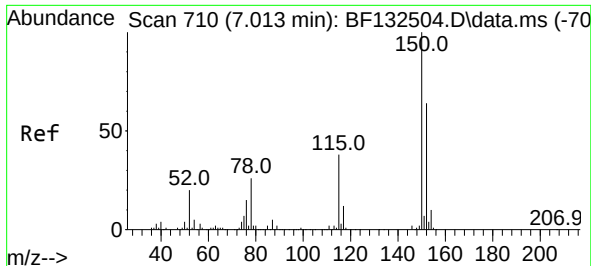
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
Data File : BF132768.D
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Operator : CG\JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
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COMP-SOIL

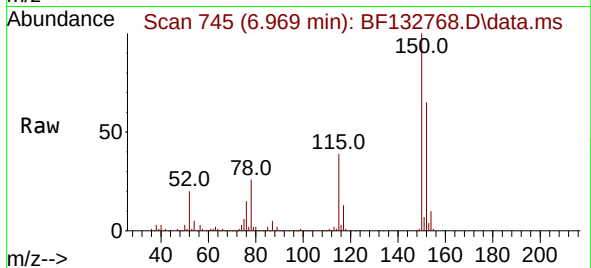
Quant Time: Mar 14 01:33:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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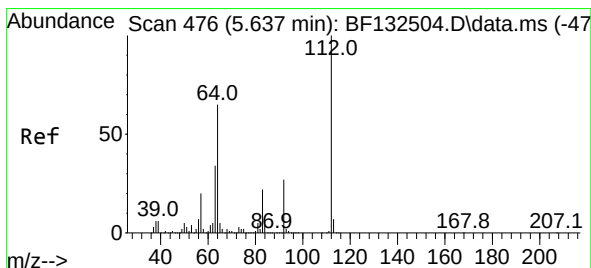
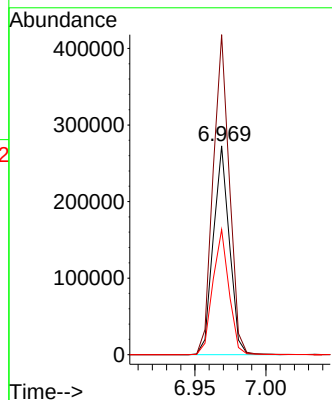
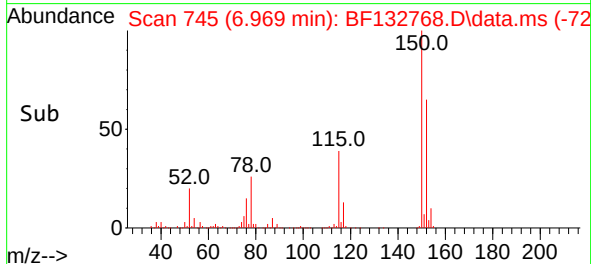


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

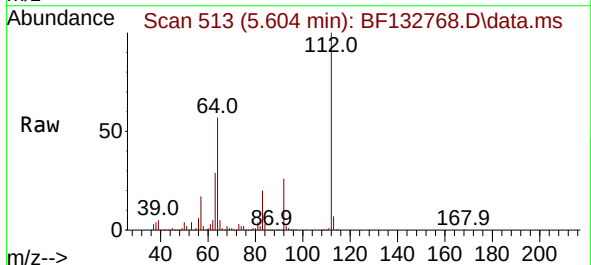
Instrument :
BNA_F
ClientSampleId :
COMP-SOIL



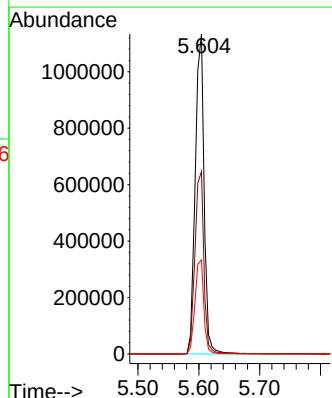
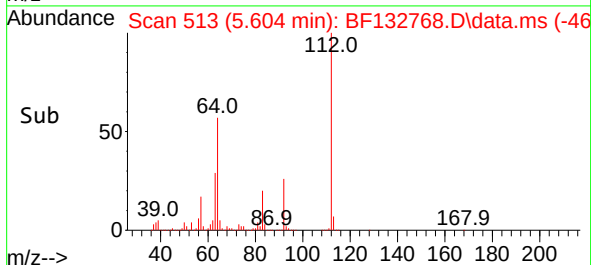
Tgt Ion:152 Resp: 214326
Ion Ratio Lower Upper
152 100
150 153.2 125.4 188.2
115 59.9 47.8 71.6

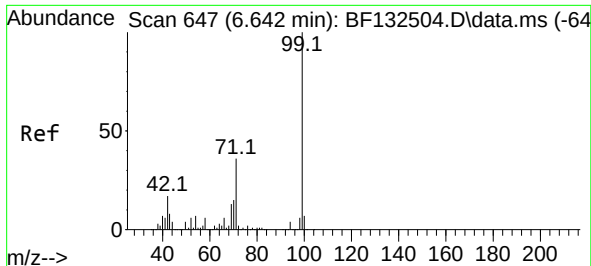


#5
2-Fluorophenol
Concen: 86.810 ng
RT: 5.604 min Scan# 513
Delta R.T. 0.006 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25



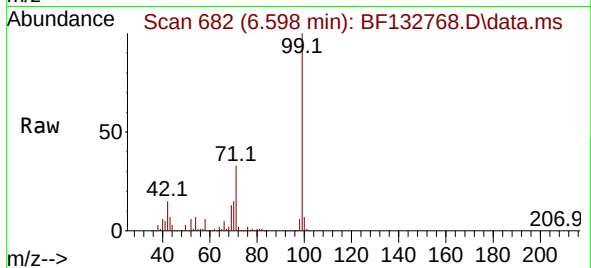
Tgt Ion:112 Resp: 1146397
Ion Ratio Lower Upper
112 100
64 57.0 51.6 77.4
63 29.4 27.4 41.2





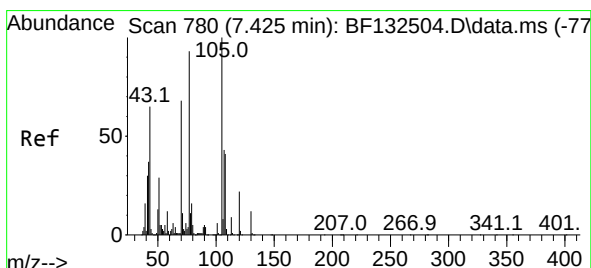
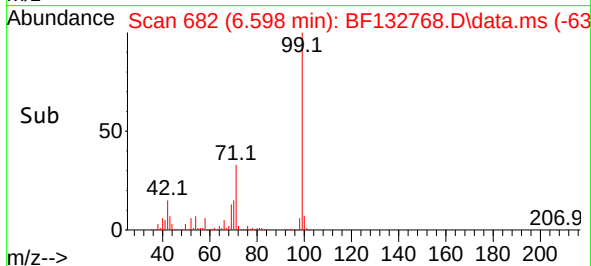
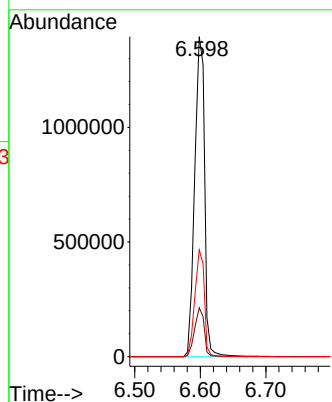
#7
Phenol-d6
Concen: 85.401 ng
RT: 6.598 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

Instrument :
BNA_F
ClientSampleId :
COMP-SOIL



Tgt Ion: 99 Resp: 1471856

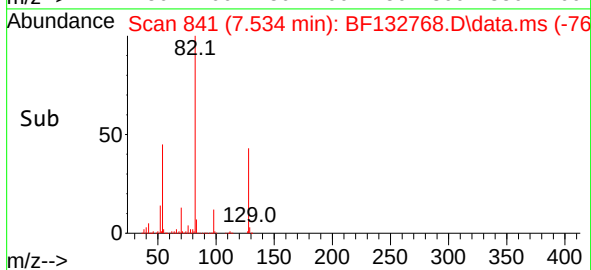
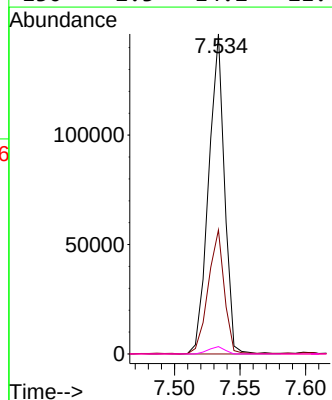
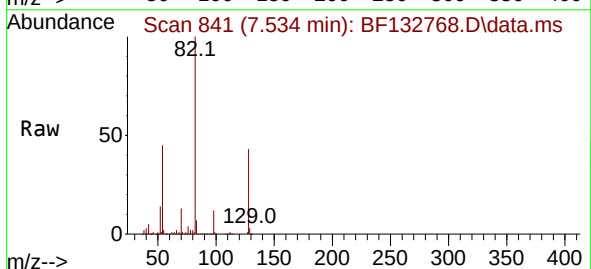
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.9	20.9
71	33.4	28.5	42.7

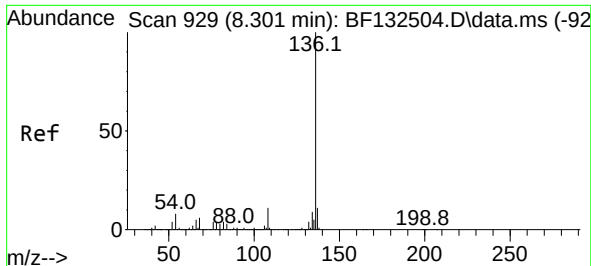


#19
n-Nitroso-di-n-propylamine
Concen: 11.663 ng
RT: 7.534 min Scan# 841
Delta R.T. 0.147 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

Tgt Ion: 70 Resp: 123709

Ion	Ratio	Lower	Upper
70	100		
42	38.7	44.1	66.1#
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#



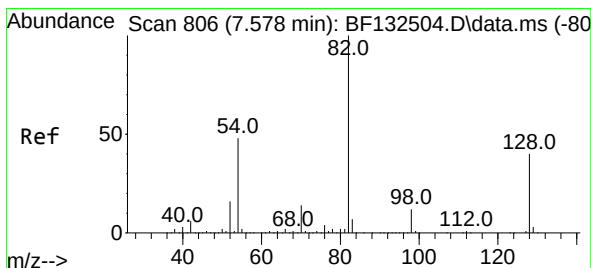
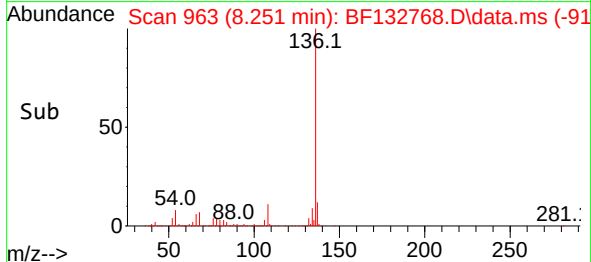
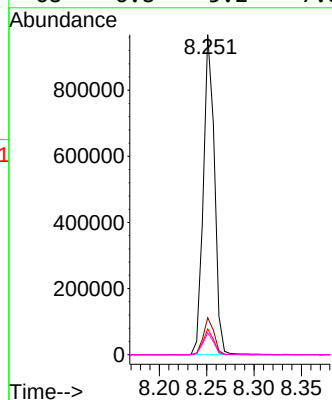
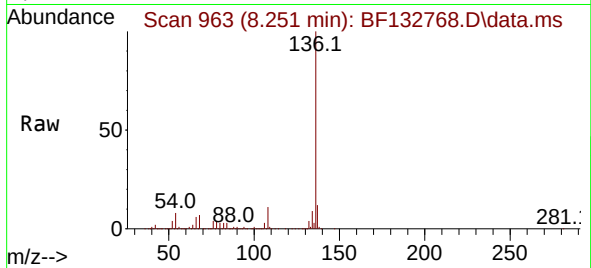


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

Instrument :
BNA_F
ClientSampleId :
COMP-SOIL

Tgt Ion:136 Resp: 793386

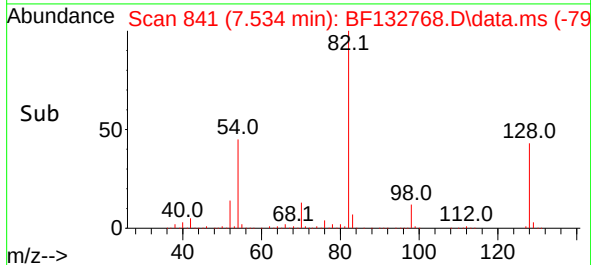
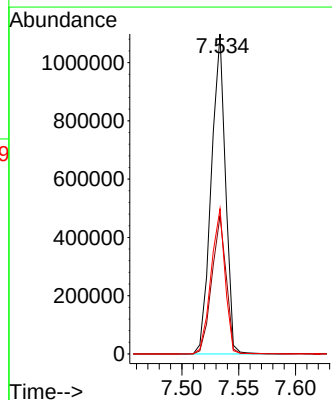
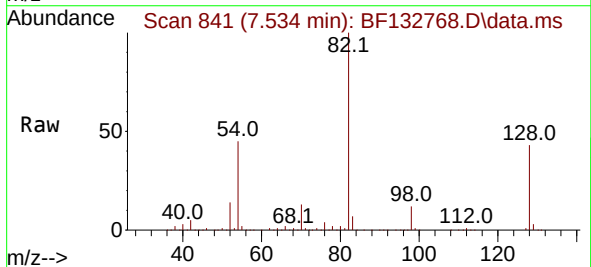
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	8.1	6.2	9.4
68	6.8	5.2	7.8

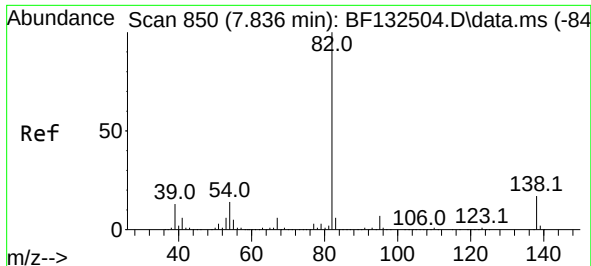


#23
Nitrobenzene-d5
Concen: 56.935 ng
RT: 7.534 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

Tgt Ion: 82 Resp: 952096

Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.2	48.2
54	45.4	38.4	57.6

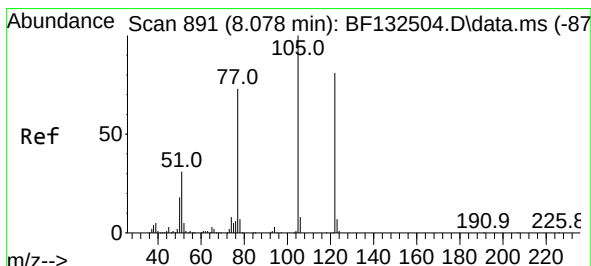
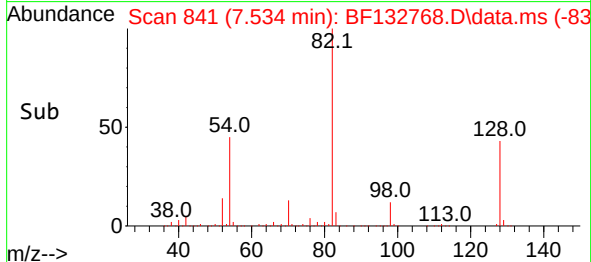
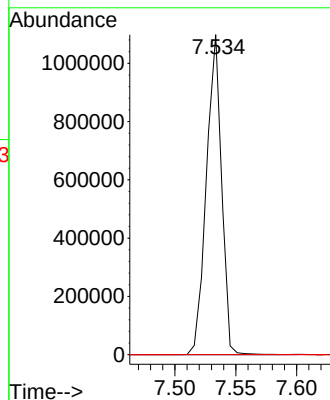
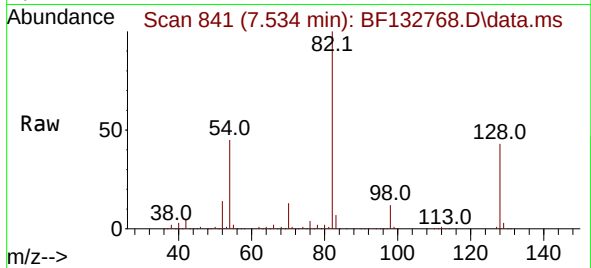




#25
Isophorone
Concen: 29.702 ng
RT: 7.534 min Scan# 841
Delta R.T. -0.265 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

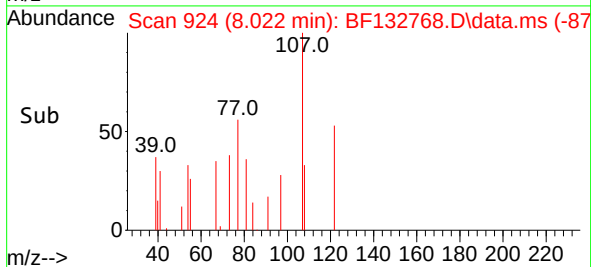
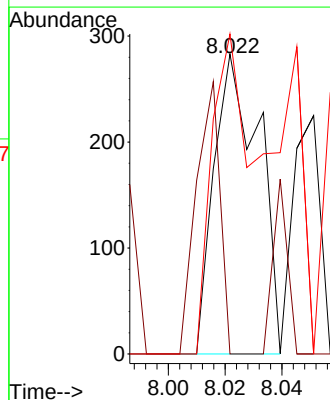
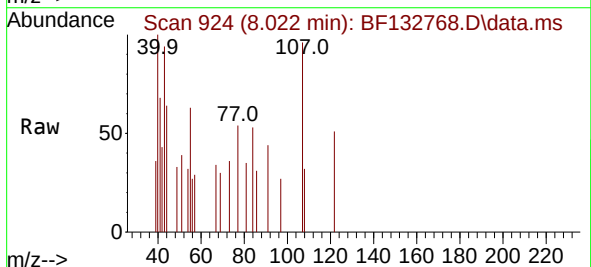
Instrument :
BNA_F
ClientSampleId :
COMP-SOIL

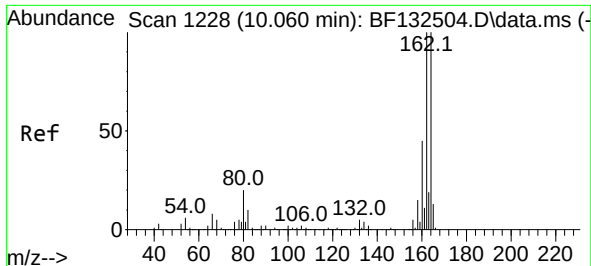
Tgt Ion: 82 Resp: 952263
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.865 ng
RT: 8.022 min Scan# 924
Delta R.T. -0.018 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

Tgt Ion: 122 Resp: 310
Ion Ratio Lower Upper
122 100
105 0.0 102.6 142.6#
77 106.7 70.2 110.2

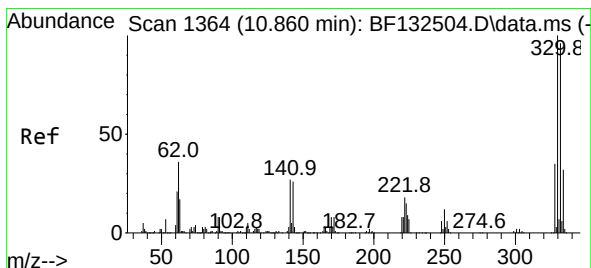
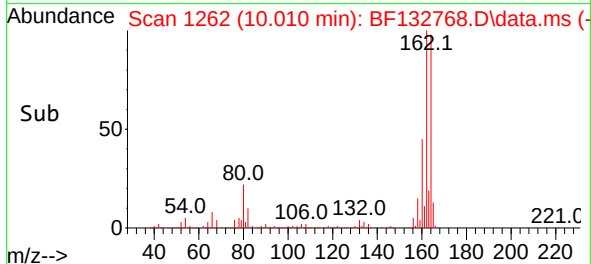
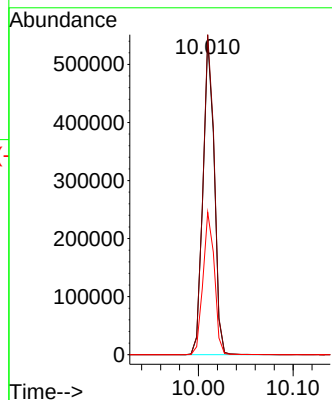
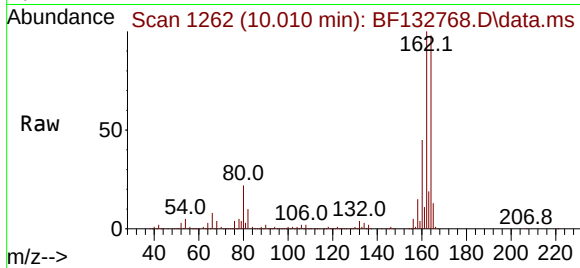




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

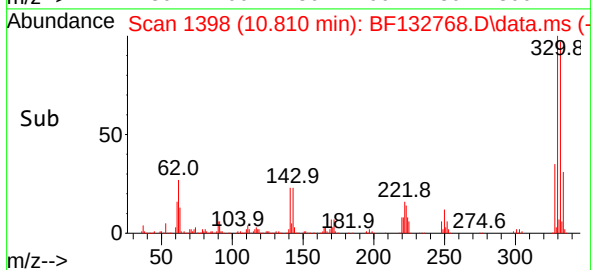
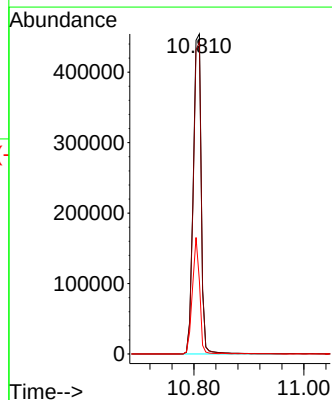
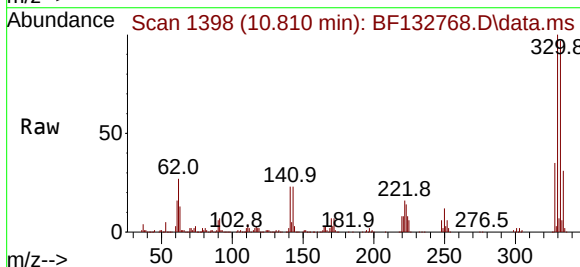
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ClientSampleId :
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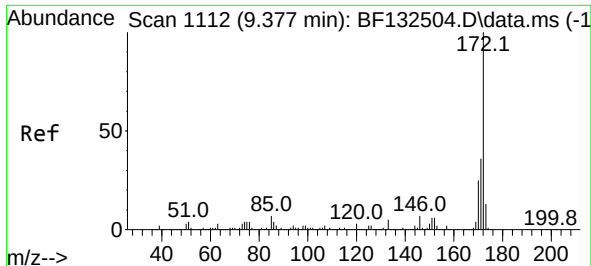
Tgt Ion:164 Resp: 450423
Ion Ratio Lower Upper
164 100
162 101.7 79.8 119.8
160 45.2 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 93.410 ng
RT: 10.810 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

Tgt Ion:330 Resp: 454384
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 32.7 28.4 42.6

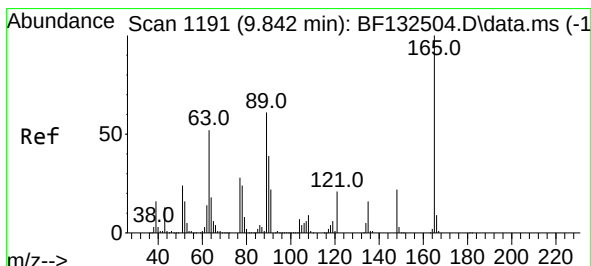
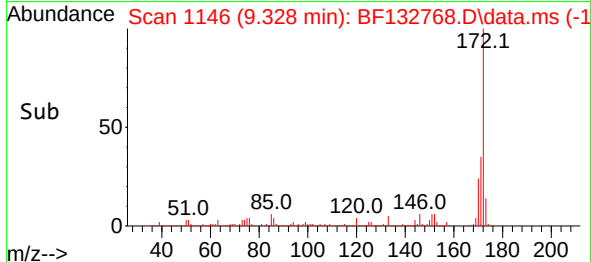
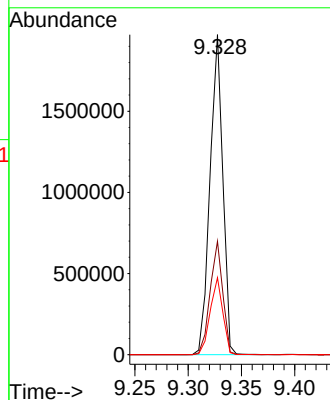
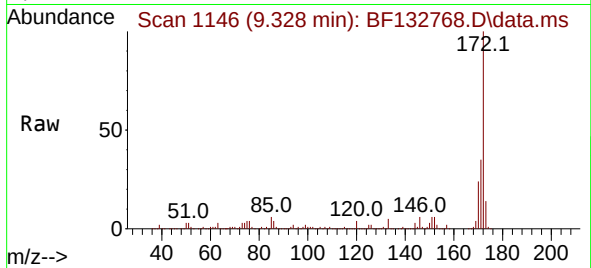




#45
2-Fluorobiphenyl
Concen: 55.828 ng
RT: 9.328 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

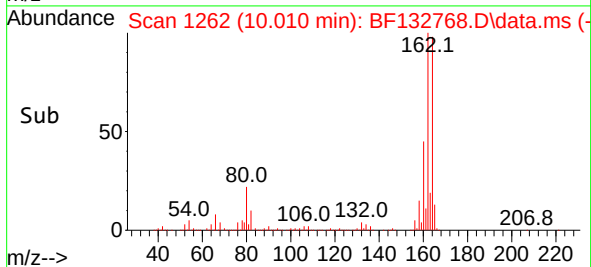
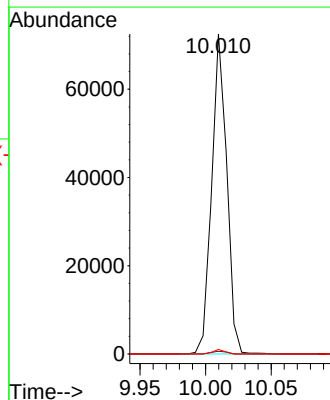
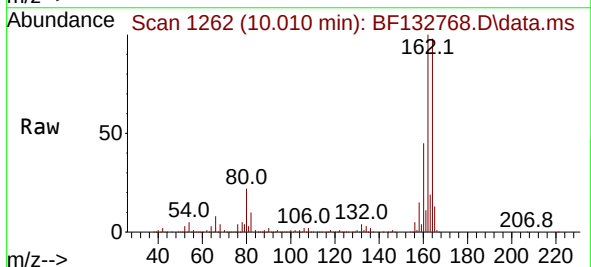
Instrument :
BNA_F
ClientSampleId :
COMP-SOIL

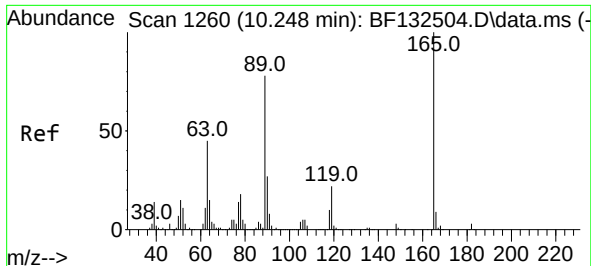
Tgt Ion:172 Resp: 1651461
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 24.0 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.762 ng
RT: 10.010 min Scan# 1262
Delta R.T. 0.206 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

Tgt Ion:165 Resp: 57975
Ion Ratio Lower Upper
165 100
63 0.8 47.3 70.9#
89 1.4 48.9 73.3#

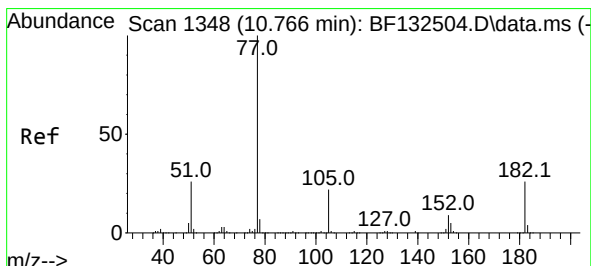
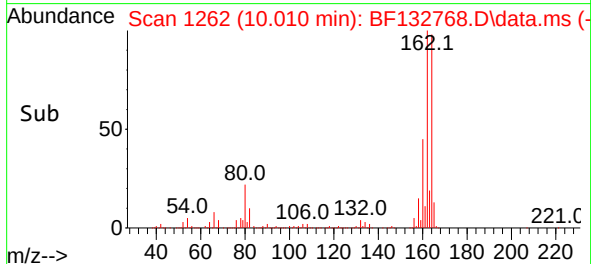
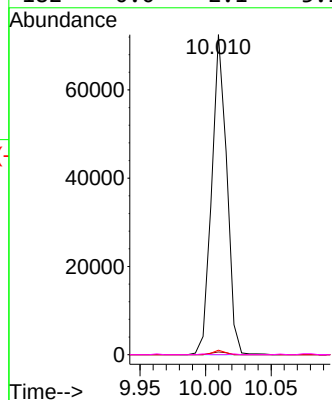
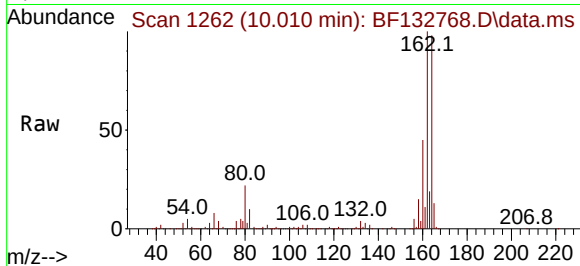




#57
2,4-Dinitrotoluene
Concen: 5.834 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

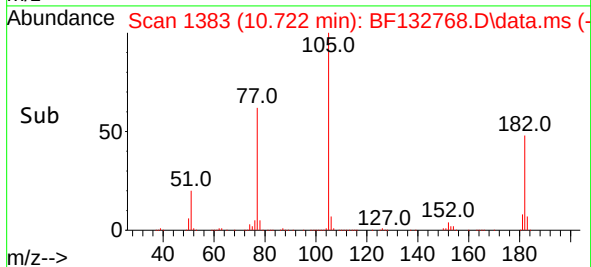
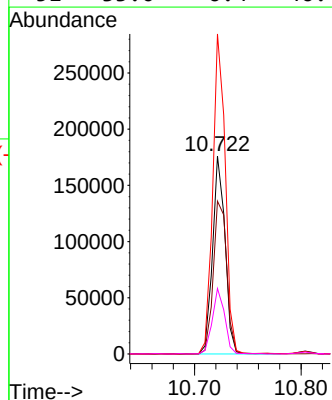
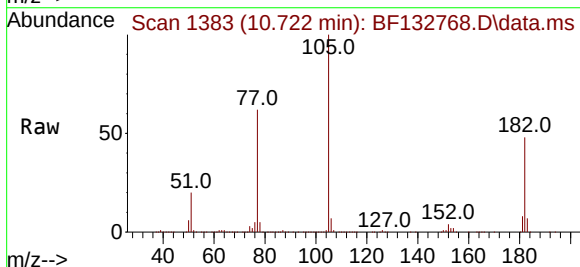
Instrument :
BNA_F
ClientSampleId :
COMP-SOIL

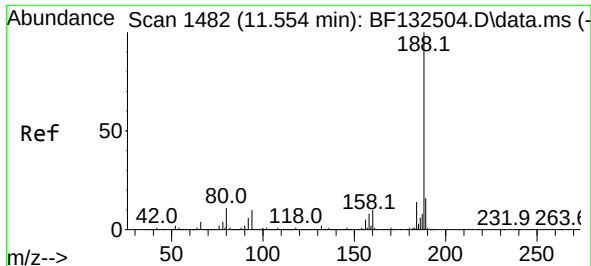
Tgt Ion:165 Resp: 57975
Ion Ratio Lower Upper
165 100
63 0.8 36.5 54.7#
89 1.4 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 4.232 ng
RT: 10.722 min Scan# 1383
Delta R.T. 0.000 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

Tgt Ion: 77 Resp: 143554
Ion Ratio Lower Upper
77 100
182 77.2 5.5 45.5#
105 161.7 1.8 41.8#
51 33.0 6.4 46.4

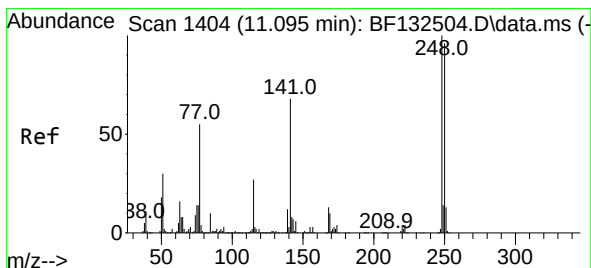
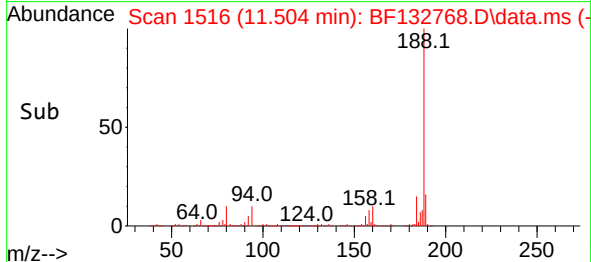
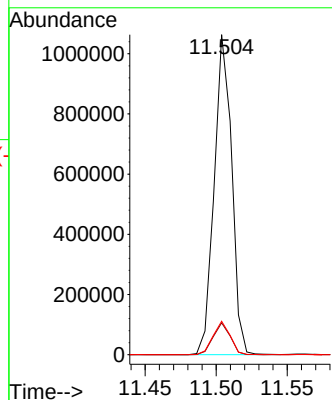
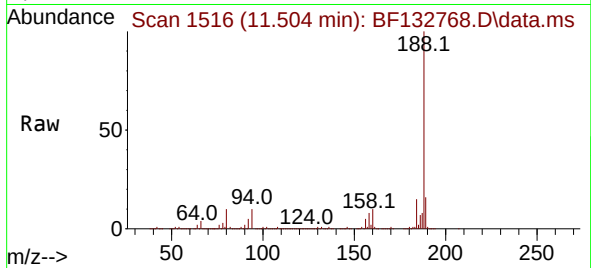




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

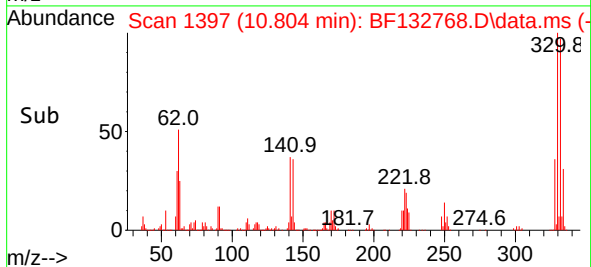
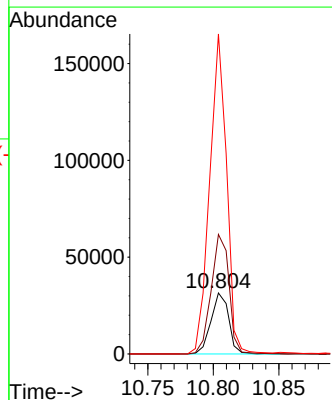
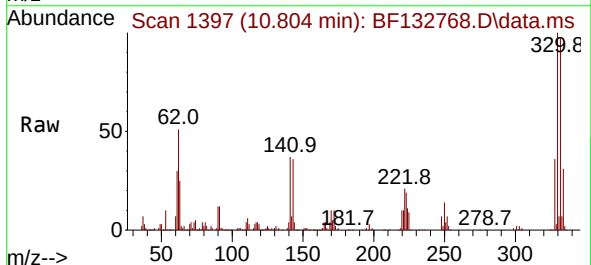
Instrument :
BNA_F
ClientSampleId :
COMP-SOIL

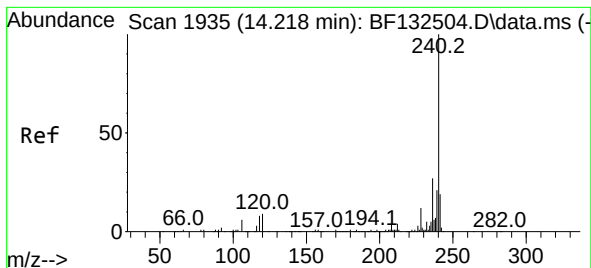
Tgt Ion:188 Resp: 909922
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.4 8.7 13.1



#67
4-Bromophenyl-phenylether
Concen: 2.865 ng
RT: 10.804 min Scan# 1397
Delta R.T. -0.247 min
Lab File: BF132768.D
Acq: 13 Mar 2023 19:25

Tgt Ion:248 Resp: 29484
Ion Ratio Lower Upper
248 100
250 196.3 77.0 115.4#
141 525.1 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: BF132768.D

Acq: 13 Mar 2023 19:25

Instrument :

BNA_F

ClientSampleId :

COMP-SOIL

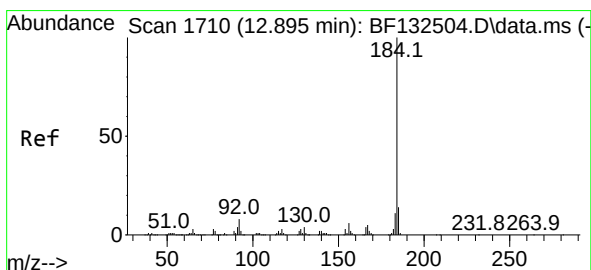
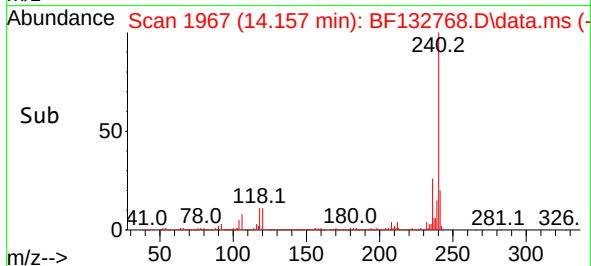
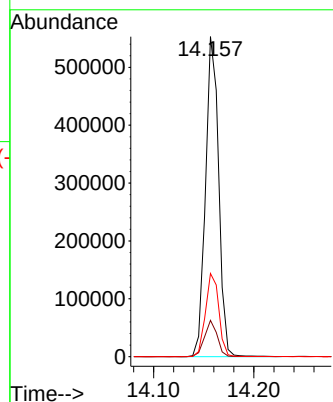
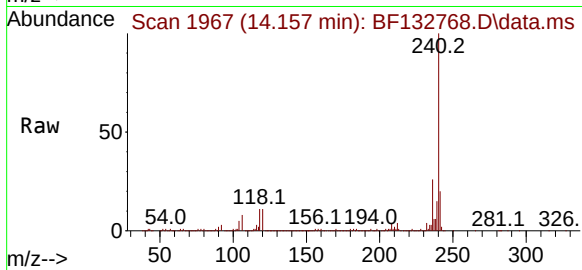
Tgt Ion:240 Resp: 506284

Ion Ratio Lower Upper

240 100

120 11.4 7.2 10.8#

236 26.0 21.8 32.6



#77

Benidine

Concen: 2.466 ng

RT: 13.092 min Scan# 1786

Delta R.T. 0.241 min

Lab File: BF132768.D

Acq: 13 Mar 2023 19:25

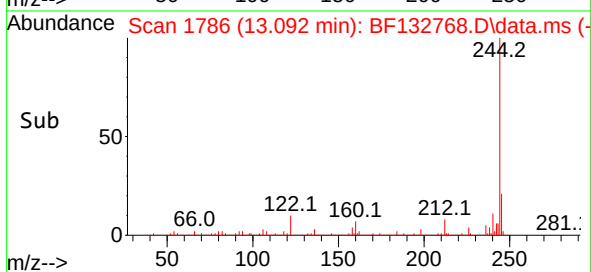
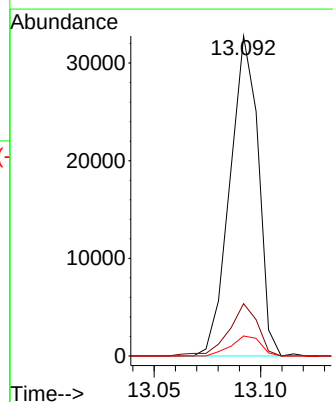
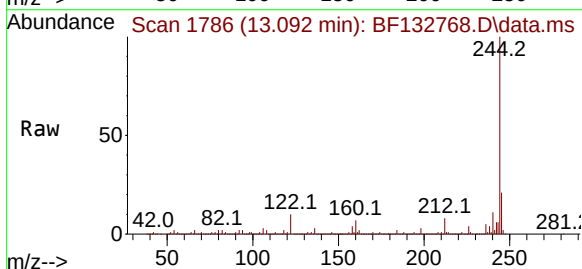
Tgt Ion:184 Resp: 30394

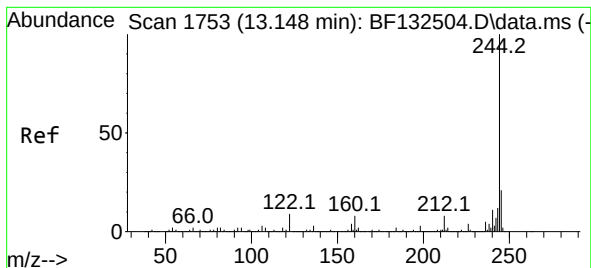
Ion Ratio Lower Upper

184 100

185 16.4 11.7 17.5

183 6.3 8.7 13.1#





#79

Terphenyl-d14

Concen: 70.619 ng

RT: 13.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132768.D

Acq: 13 Mar 2023 19:25

Instrument :

BNA_F

ClientSampleId :

COMP-SOIL

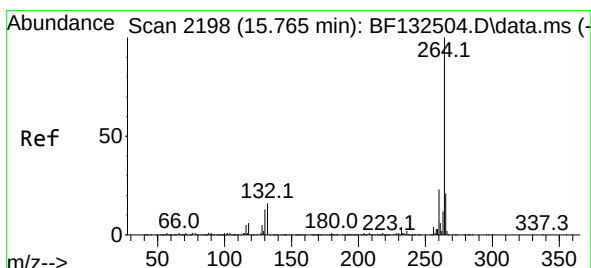
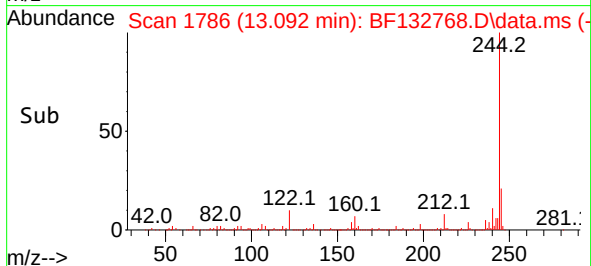
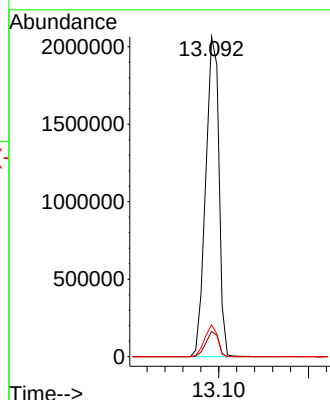
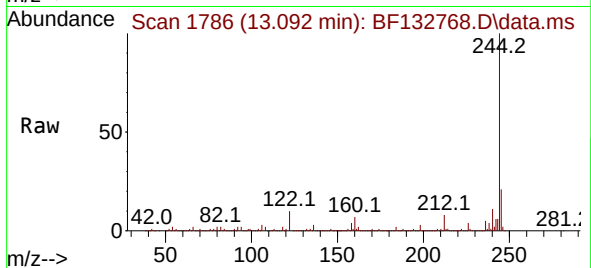
Tgt Ion:244 Resp: 2114634

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 9.9 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: BF132768.D

Acq: 13 Mar 2023 19:25

Tgt Ion:264 Resp: 451635

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.6 17.1 25.7

