

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131353.D
 Acq On : 23 Nov 2022 03:35
 Operator : CG\JU
 Sample : N5641-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-20

Quant Time: Nov 23 04:23:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 01:17:52 2022
 Response via : Initial Calibration

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

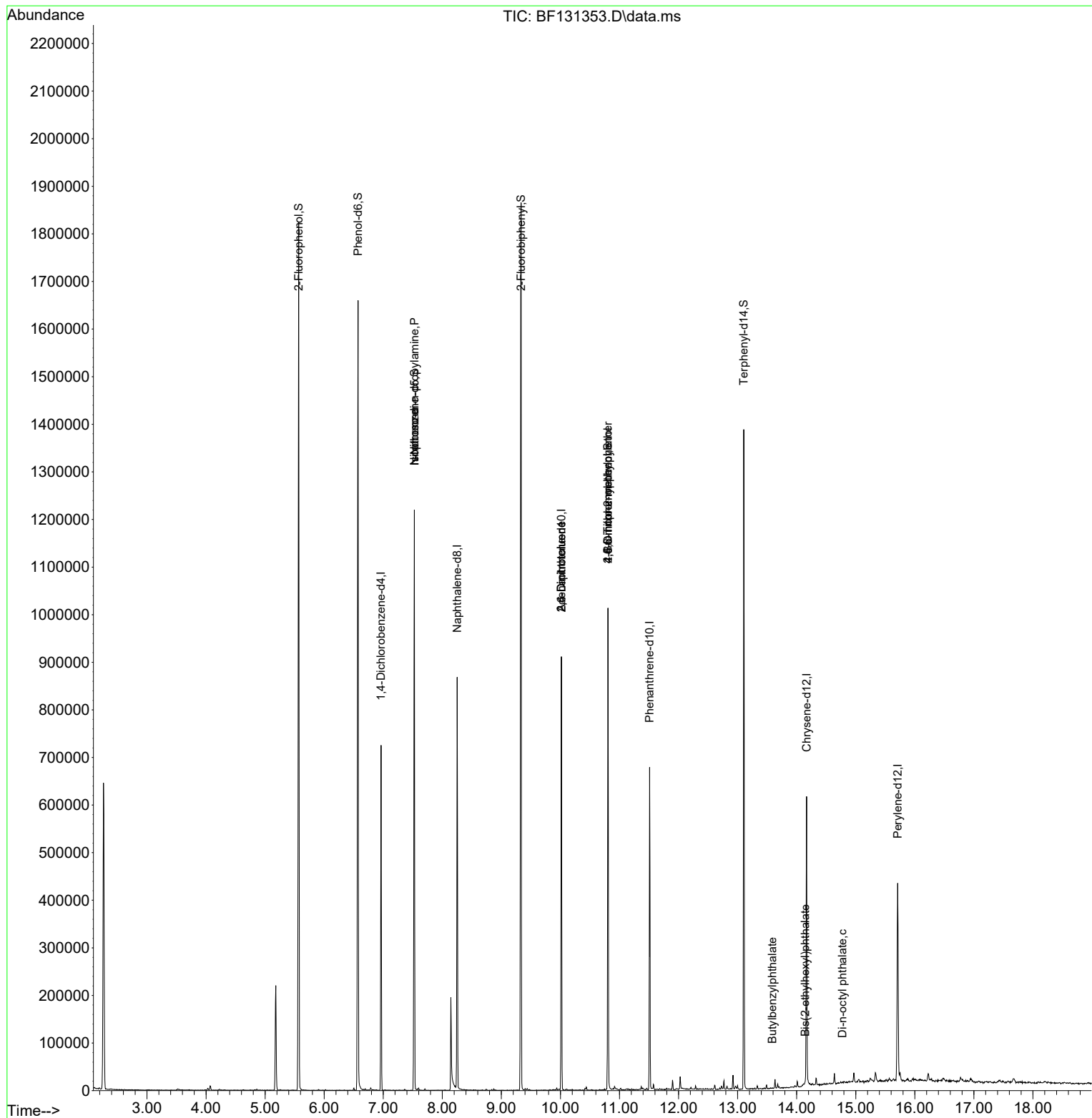
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	90823	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	316342	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	158337	20.000	ng	-0.01
64) Phenanthrene-d10	11.510	188	227646	20.000	ng	-0.01
76) Chrysene-d12	14.168	240	196922	20.000	ng	-0.01
86) Perylene-d12	15.710	264	199916	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	413730	86.698	ng	0.00
7) Phenol-d6	6.575	99	503534	82.701	ng	-0.01
23) Nitrobenzene-d5	7.528	82	328898	52.409	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	101147	75.930	ng	-0.01
45) 2-Fluorobiphenyl	9.334	172	577452	53.057	ng	0.00
79) Terphenyl-d14	13.104	244	444509	36.913	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.510	77	55	Below Cal	Qvalue	# 4
19) n-Nitroso-di-n-propyla...	7.528	70	45491	10.206	ng	# 73
25) Isophorone	7.528	82	328893	29.376	ng	# 68
51) 2,6-Dinitrotoluene	10.016	165	20636	9.354	ng	# 15
57) 2,4-Dinitrotoluene	10.016	165	20636	7.434	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.804	198	246	4.856	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	6969	2.498	ng	# 1
80) Butylbenzylphthalate	13.586	149	68	4.154	ng	# 66
84) Bis(2-ethylhexyl)phtha...	14.145	149	764	3.840	ng	# 96
85) Di-n-octyl phthalate	14.774	149	359	3.939	ng	# 1

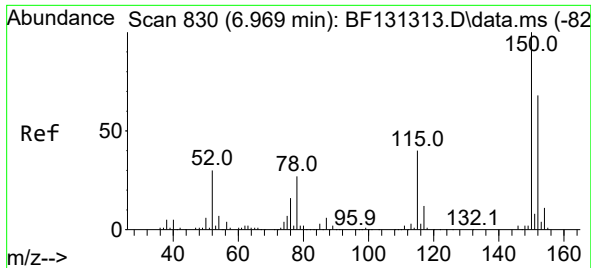
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
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Quant Time: Nov 23 04:23:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 01:17:52 2022
Response via : Initial Calibration

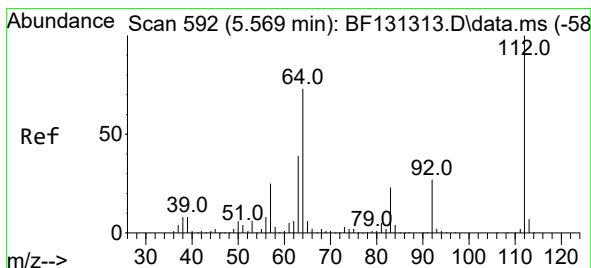
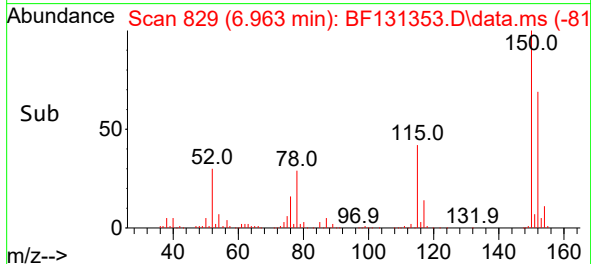
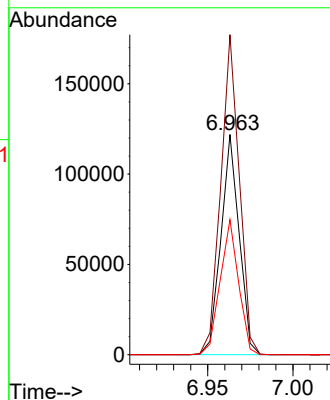
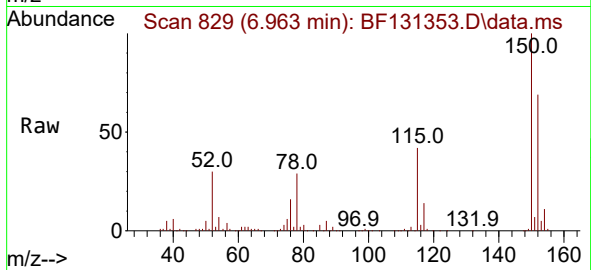




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131353.D
Acq: 23 Nov 2022 03:35

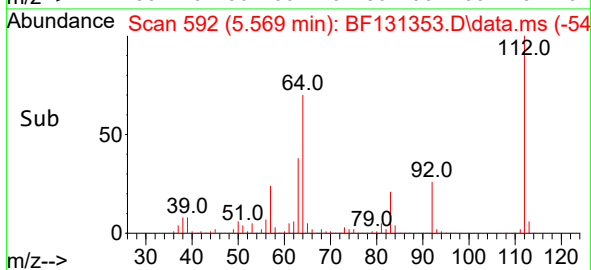
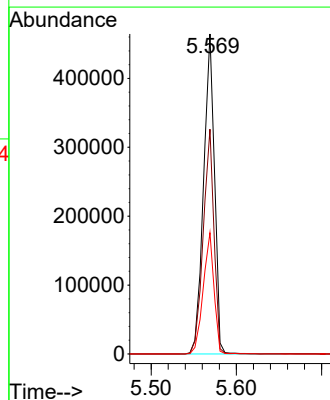
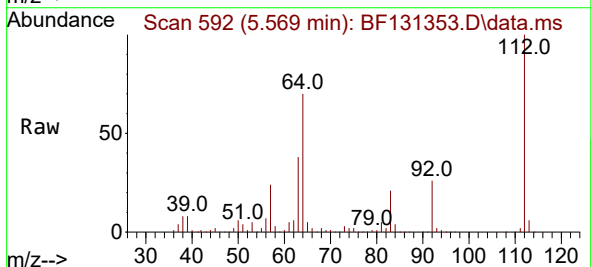
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-20

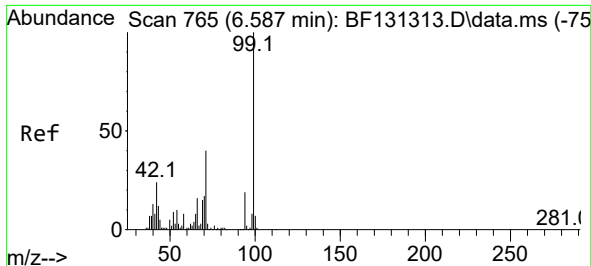
Tgt Ion:152 Resp: 90823
Ion Ratio Lower Upper
152 100
150 145.3 117.8 176.8
115 61.4 47.1 70.7



#5
2-Fluorophenol
Concen: 86.698 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.000 min
Lab File: BF131353.D
Acq: 23 Nov 2022 03:35

Tgt Ion:112 Resp: 413730
Ion Ratio Lower Upper
112 100
64 70.3 58.6 88.0
63 37.9 31.4 47.0

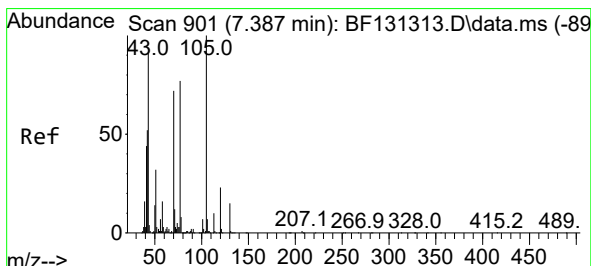
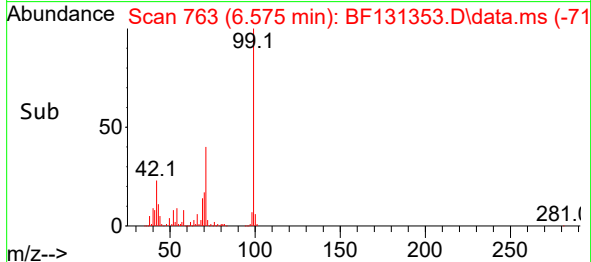
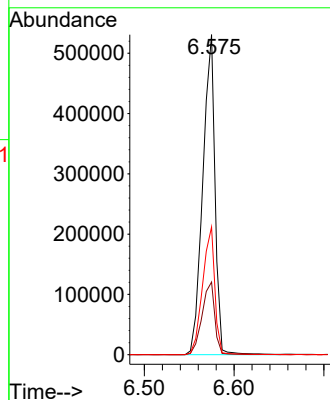
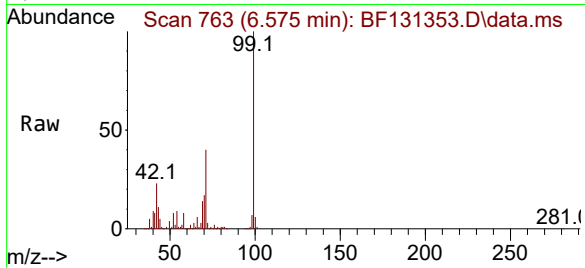




#7
Phenol-d6
Concen: 82.701 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131353.D
Acq: 23 Nov 2022 03:35

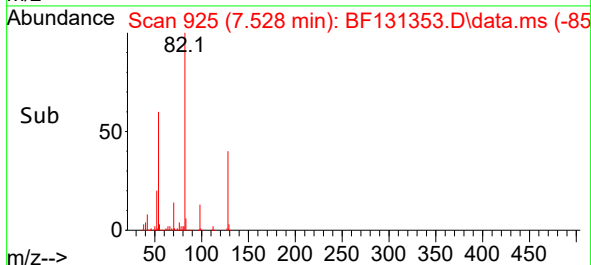
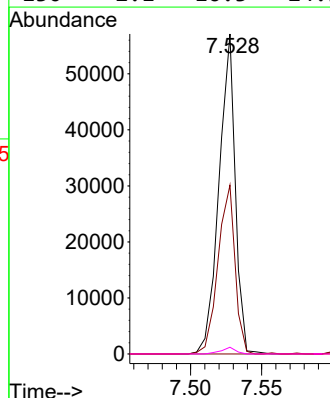
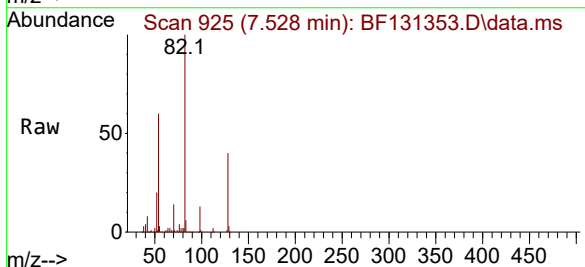
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-20

Tgt Ion: 99 Resp: 503534
Ion Ratio Lower Upper
99 100
42 22.7 19.4 29.2
71 39.9 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.206 ng
RT: 7.528 min Scan# 925
Delta R.T. 0.141 min
Lab File: BF131353.D
Acq: 23 Nov 2022 03:35

Tgt Ion: 70 Resp: 45491
Ion Ratio Lower Upper
70 100
42 52.7 57.6 86.4#
101 0.0 8.2 12.2#
130 2.1 16.3 24.5#

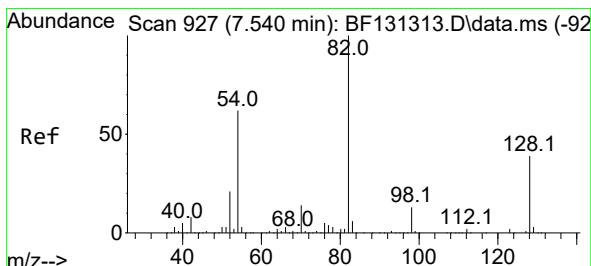
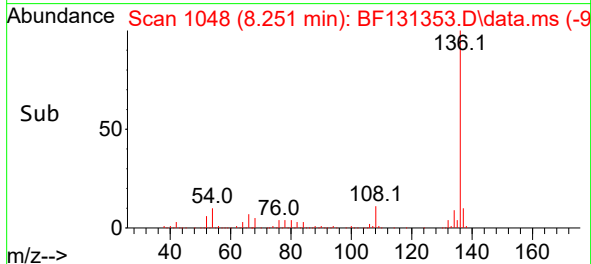
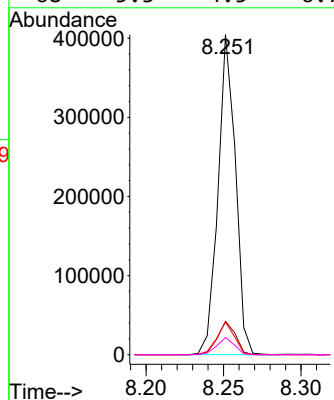
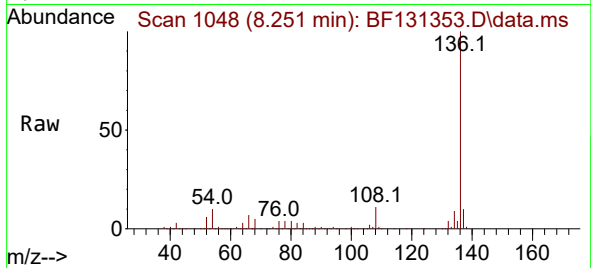




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF131353.D
Acq: 23 Nov 2022 03:35

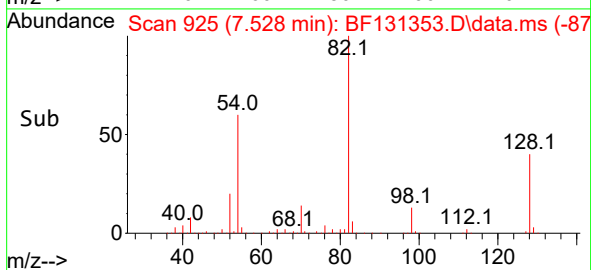
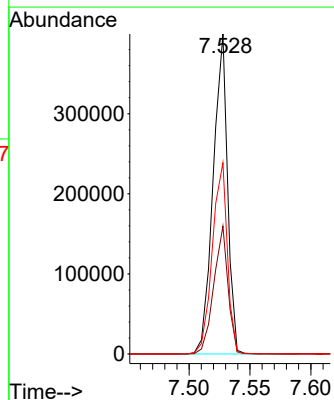
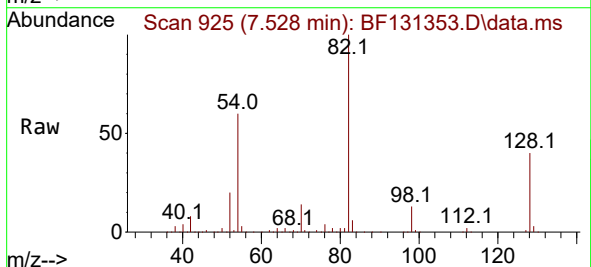
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-20

Tgt Ion:136 Resp: 316342
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.6
54 10.2 9.4 14.0
68 5.3 4.5 6.7



#23
Nitrobenzene-d5
Concen: 52.409 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.012 min
Lab File: BF131353.D
Acq: 23 Nov 2022 03:35

Tgt Ion: 82 Resp: 328898
Ion Ratio Lower Upper
82 100
128 40.0 31.4 47.0
54 59.8 49.8 74.6

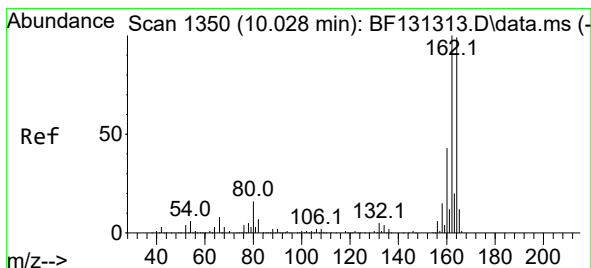
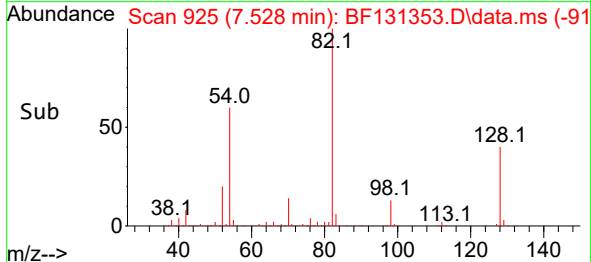
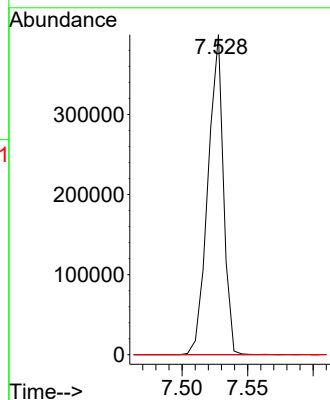
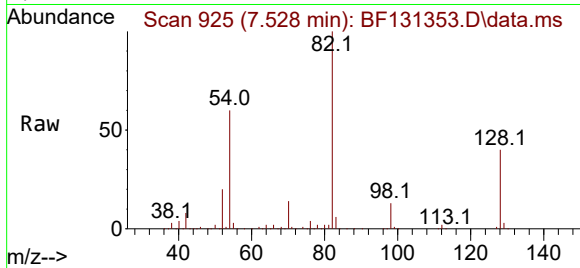




#25
Isophorone
Concen: 29.376 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131353.D
Acq: 23 Nov 2022 03:35

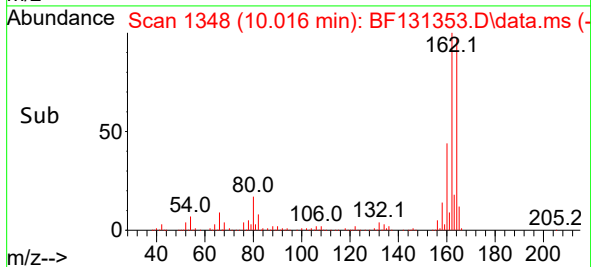
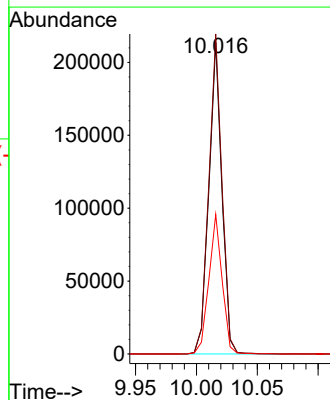
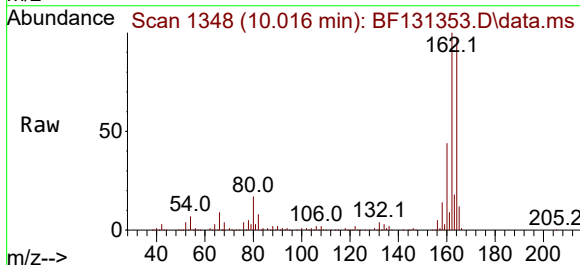
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-20

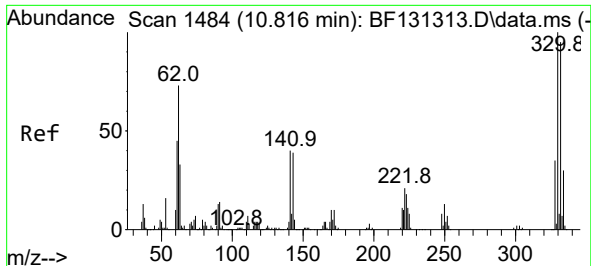
Tgt Ion: 82 Resp: 328893
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.012 min
Lab File: BF131353.D
Acq: 23 Nov 2022 03:35

Tgt Ion:164 Resp: 158337
Ion Ratio Lower Upper
164 100
162 102.7 80.6 120.8
160 44.8 34.4 51.6

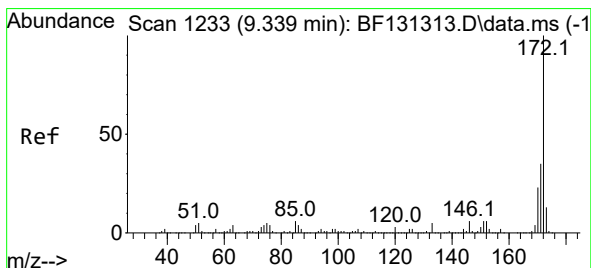
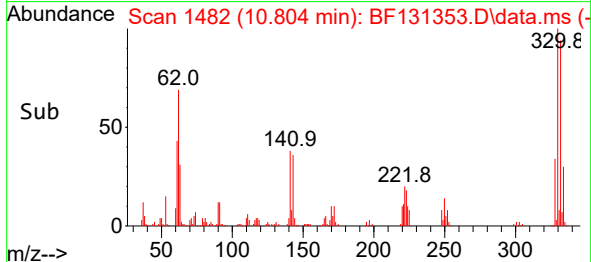
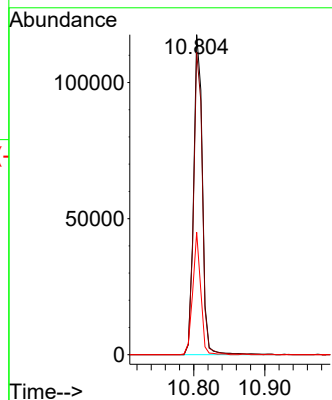
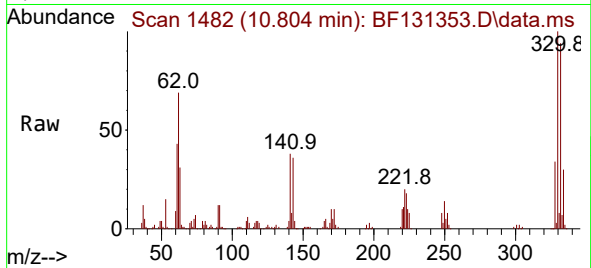




#42
2,4,6-Tribromophenol
Concen: 75.930 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.012 min
Lab File: BF131353.D
Acq: 23 Nov 2022 03:35

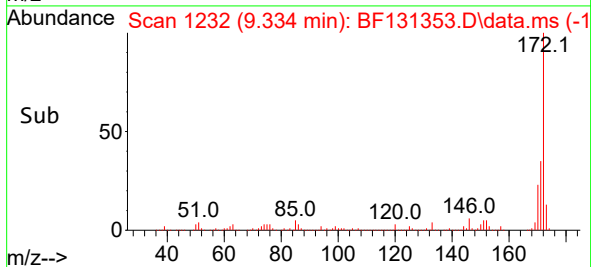
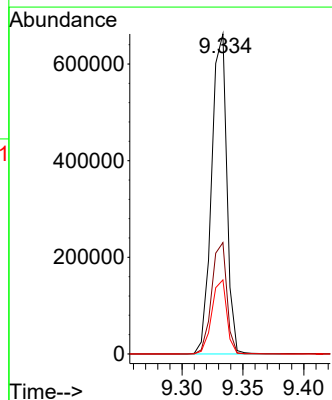
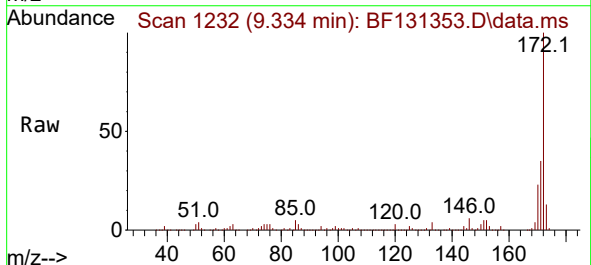
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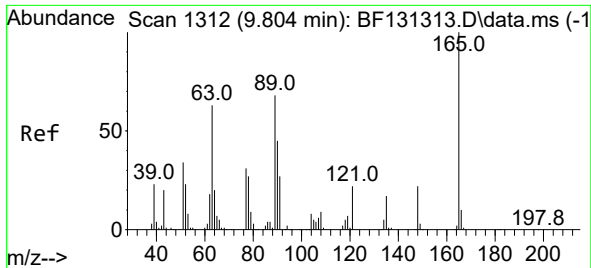
Tgt Ion:330 Resp: 101147
Ion Ratio Lower Upper
330 100
332 94.9 77.5 116.3
141 34.8 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 53.057 ng
RT: 9.334 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF131353.D
Acq: 23 Nov 2022 03:35

Tgt Ion:172 Resp: 577452
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.2 18.7 28.1

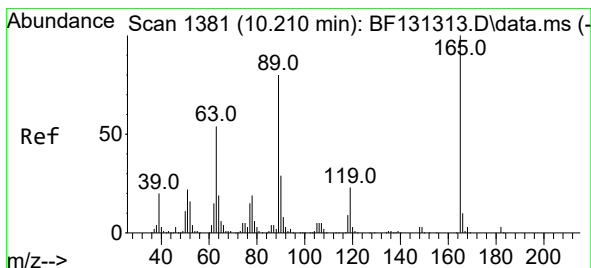
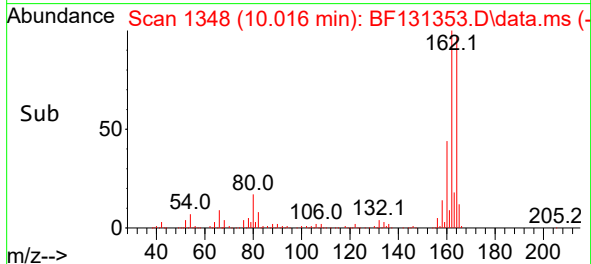
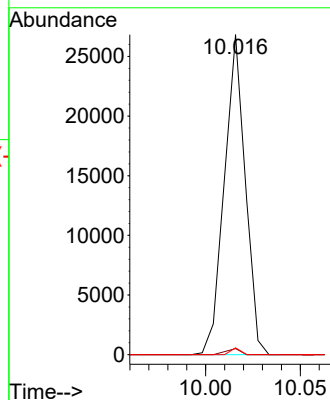
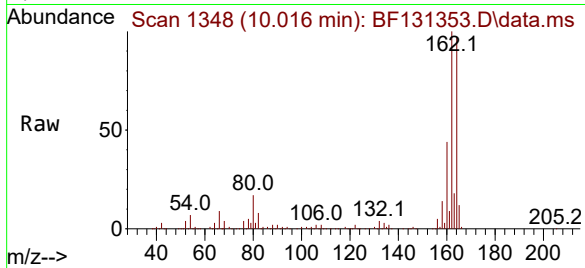




#51
2,6-Dinitrotoluene
Concen: 9.354 ng
RT: 10.016 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF131353.D
Acq: 23 Nov 2022 03:35

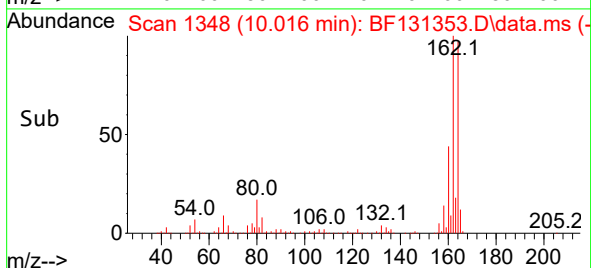
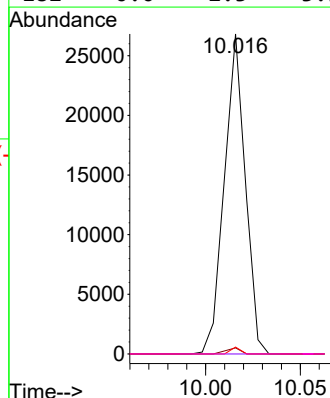
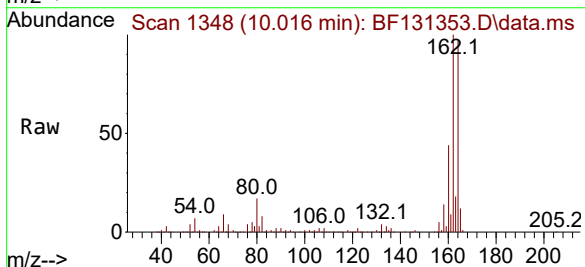
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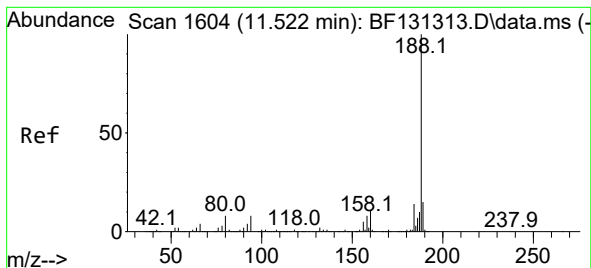
Tgt Ion:165 Resp: 20636
Ion Ratio Lower Upper
165 100
63 1.9 62.0 93.0#
89 2.2 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.434 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.194 min
Lab File: BF131353.D
Acq: 23 Nov 2022 03:35

Tgt Ion:165 Resp: 20636
Ion Ratio Lower Upper
165 100
63 1.9 43.4 65.2#
89 2.2 64.0 96.0#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.510 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF131353.D

Acq: 23 Nov 2022 03:35

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-20

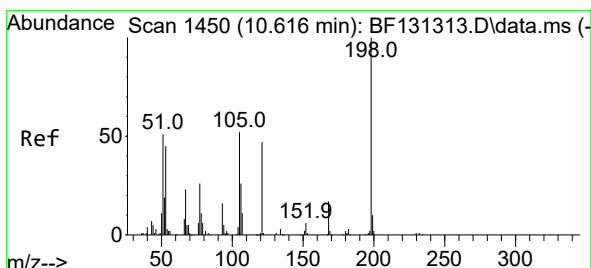
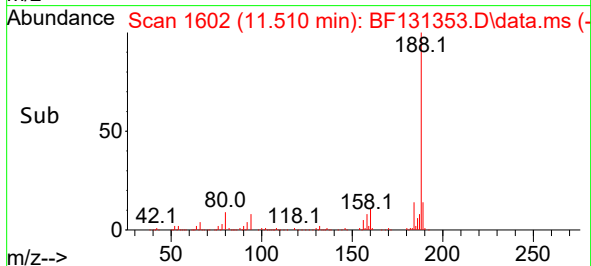
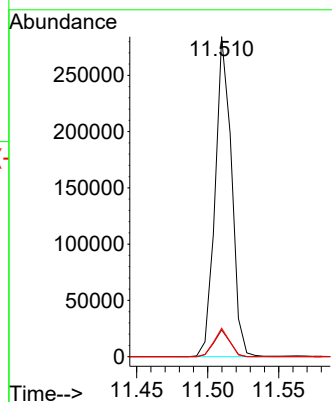
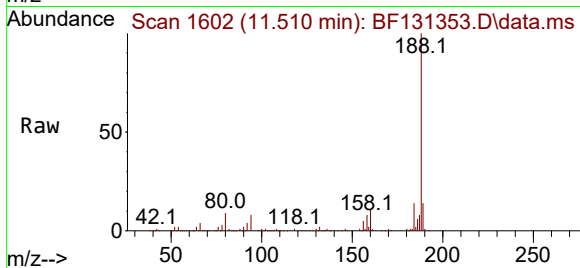
Tgt Ion:188 Resp: 227646

Ion Ratio Lower Upper

188 100

94 8.4 6.3 9.5

80 8.9 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 4.856 ng

RT: 10.804 min Scan# 1482

Delta R.T. 0.188 min

Lab File: BF131353.D

Acq: 23 Nov 2022 03:35

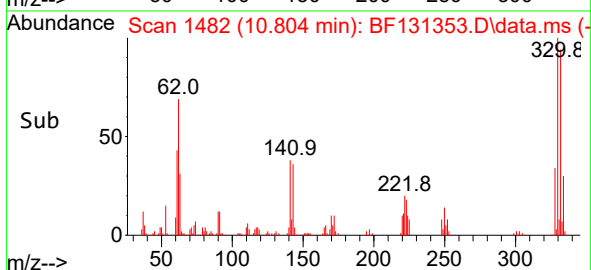
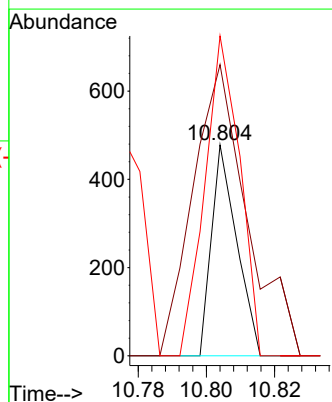
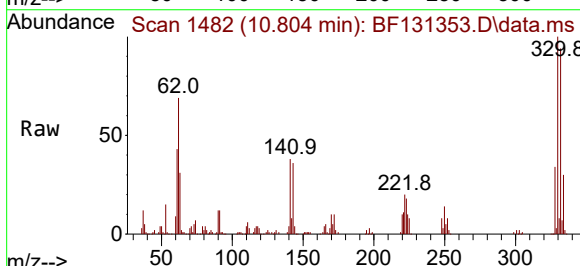
Tgt Ion:198 Resp: 246

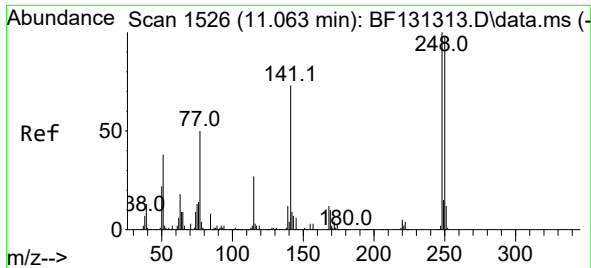
Ion Ratio Lower Upper

198 100

51 138.1 50.1 90.1#

105 151.7 32.5 72.5#

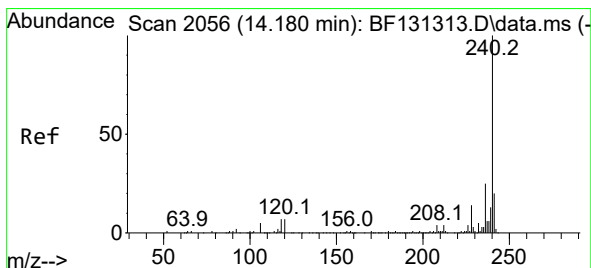
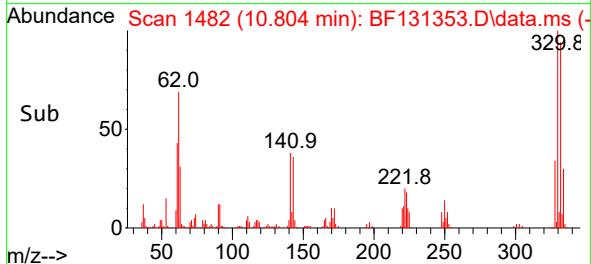
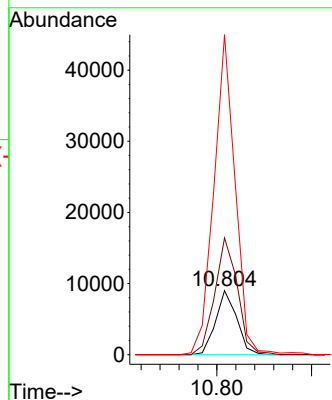
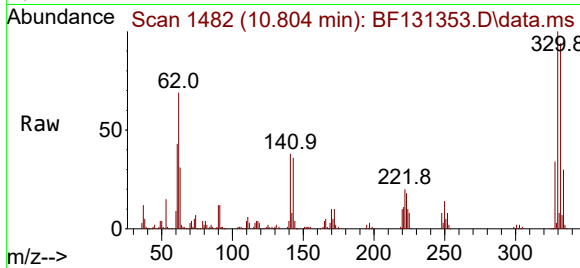




#67
4-Bromophenyl-phenylether
Concen: 2.498 ng
RT: 10.804 min Scan# 141
Delta R.T. -0.259 min
Lab File: BF131353.D
Acq: 23 Nov 2022 03:35

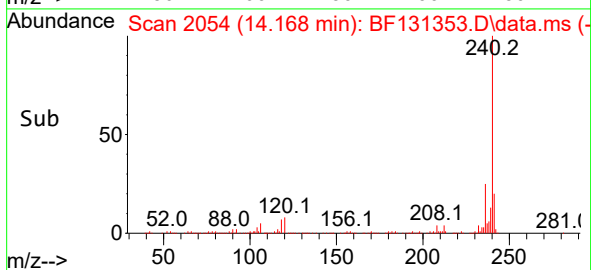
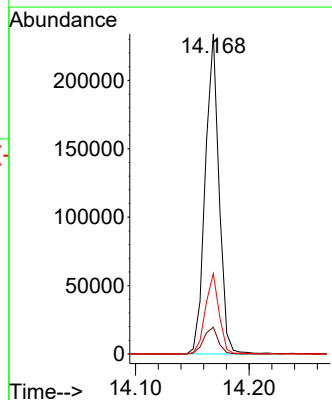
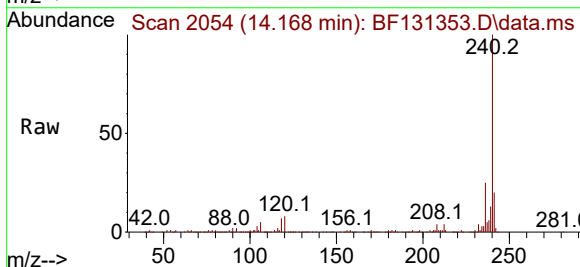
Instrument :
BNA_F
ClientSampleId :
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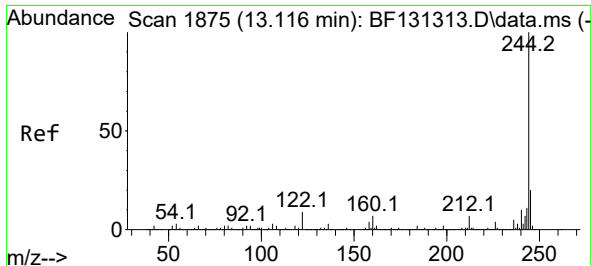
Tgt Ion:248 Resp: 6969
Ion Ratio Lower Upper
248 100
250 182.6 78.3 117.5#
141 500.3 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.168 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF131353.D
Acq: 23 Nov 2022 03:35

Tgt Ion:240 Resp: 196922
Ion Ratio Lower Upper
240 100
120 8.4 5.8 8.8
236 25.1 20.3 30.5

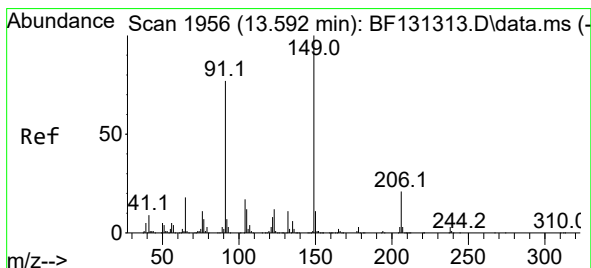
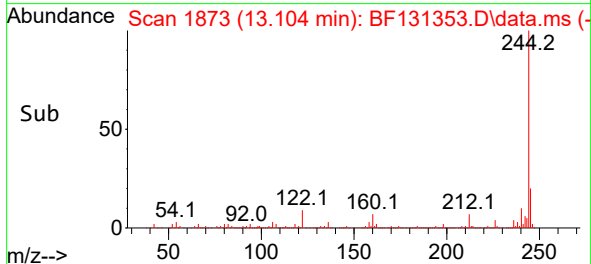
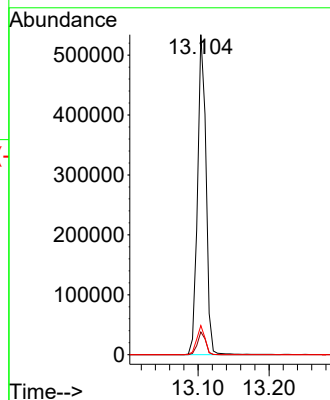
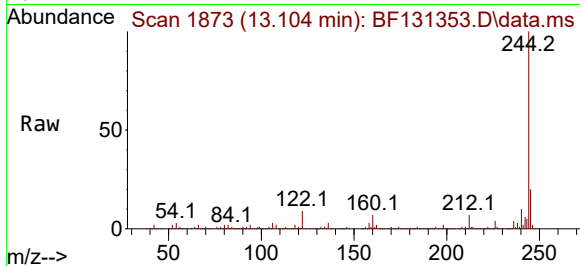




#79
 Terphenyl-d14
 Concen: 36.913 ng
 RT: 13.104 min Scan# 1873
 Delta R.T. -0.012 min
 Lab File: BF131353.D
 Acq: 23 Nov 2022 03:35

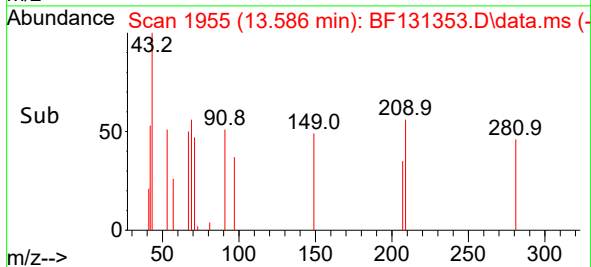
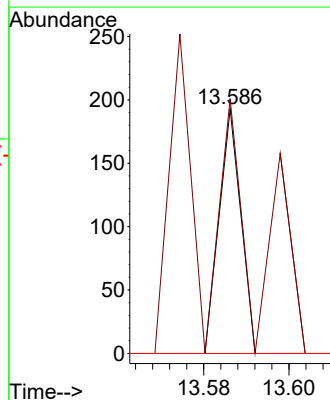
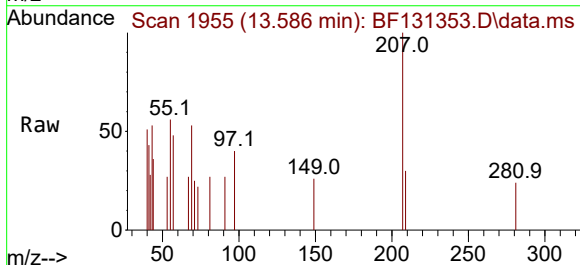
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-20

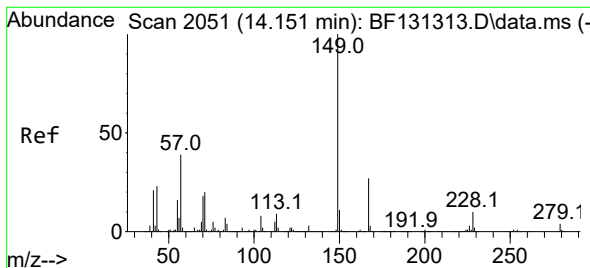
Tgt Ion:244 Resp: 444509
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.1 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.154 ng
 RT: 13.586 min Scan# 1955
 Delta R.T. -0.006 min
 Lab File: BF131353.D
 Acq: 23 Nov 2022 03:35

Tgt Ion:149 Resp: 68
 Ion Ratio Lower Upper
 149 100
 91 104.1 61.9 92.9#
 206 0.0 16.5 24.7#

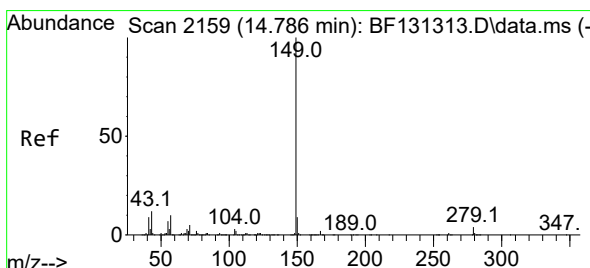
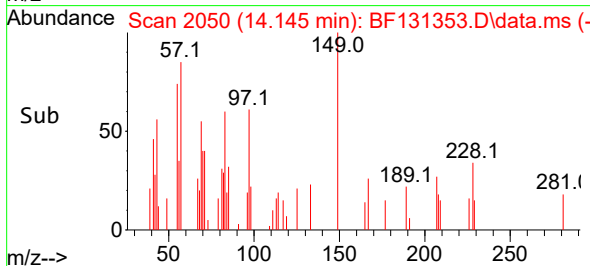
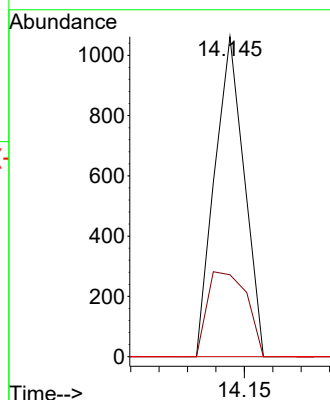
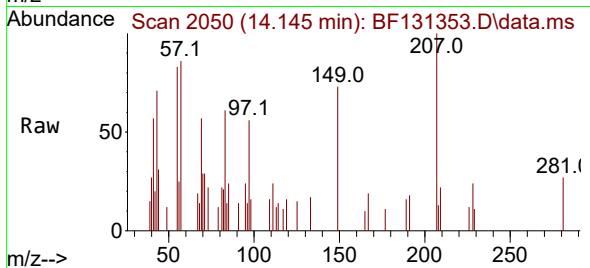




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.840 ng
 RT: 14.145 min Scan# 2050
 Delta R.T. -0.006 min
 Lab File: BF131353.D
 Acq: 23 Nov 2022 03:35

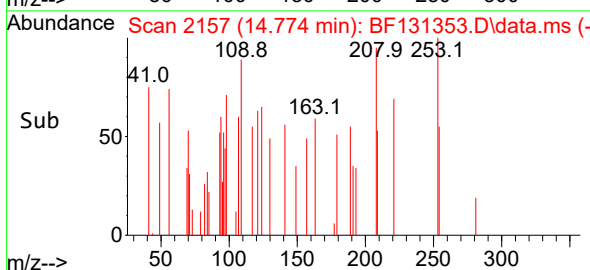
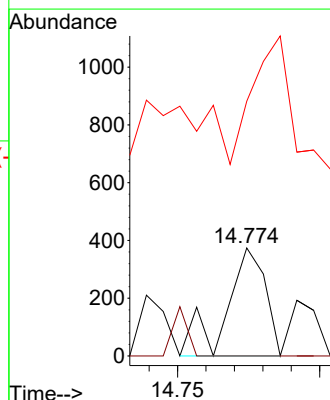
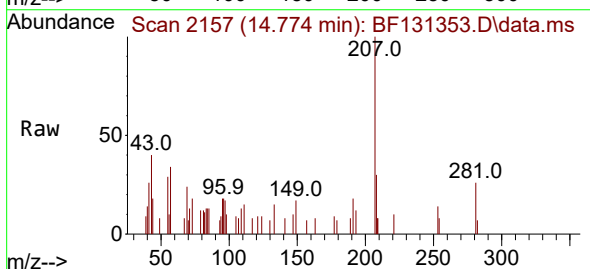
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-20

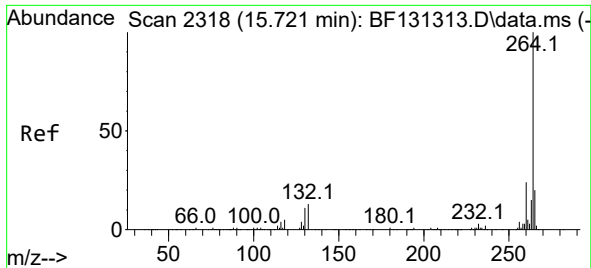
Tgt Ion:149 Resp: 764
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.9 32.9
 279 0.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 3.939 ng
 RT: 14.774 min Scan# 2157
 Delta R.T. -0.012 min
 Lab File: BF131353.D
 Acq: 23 Nov 2022 03:35

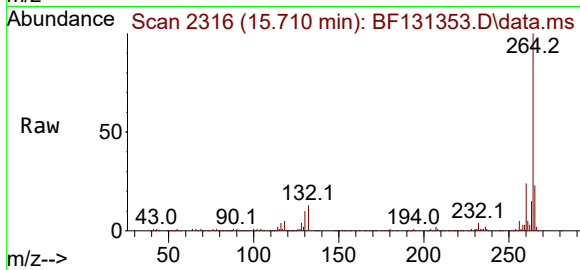
Tgt Ion:149 Resp: 359
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 117.3 10.7 16.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.710 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF131353.D
 Acq: 23 Nov 2022 03:35

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-20



Tgt Ion:264 Resp: 199916
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.4
 265 22.9 16.4 24.6

