

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129957.D
 Acq On : 23 Aug 2022 17:11
 Operator : CG\JU
 Sample : N4141-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOILD-WASTE

Quant Time: Aug 24 01:55:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

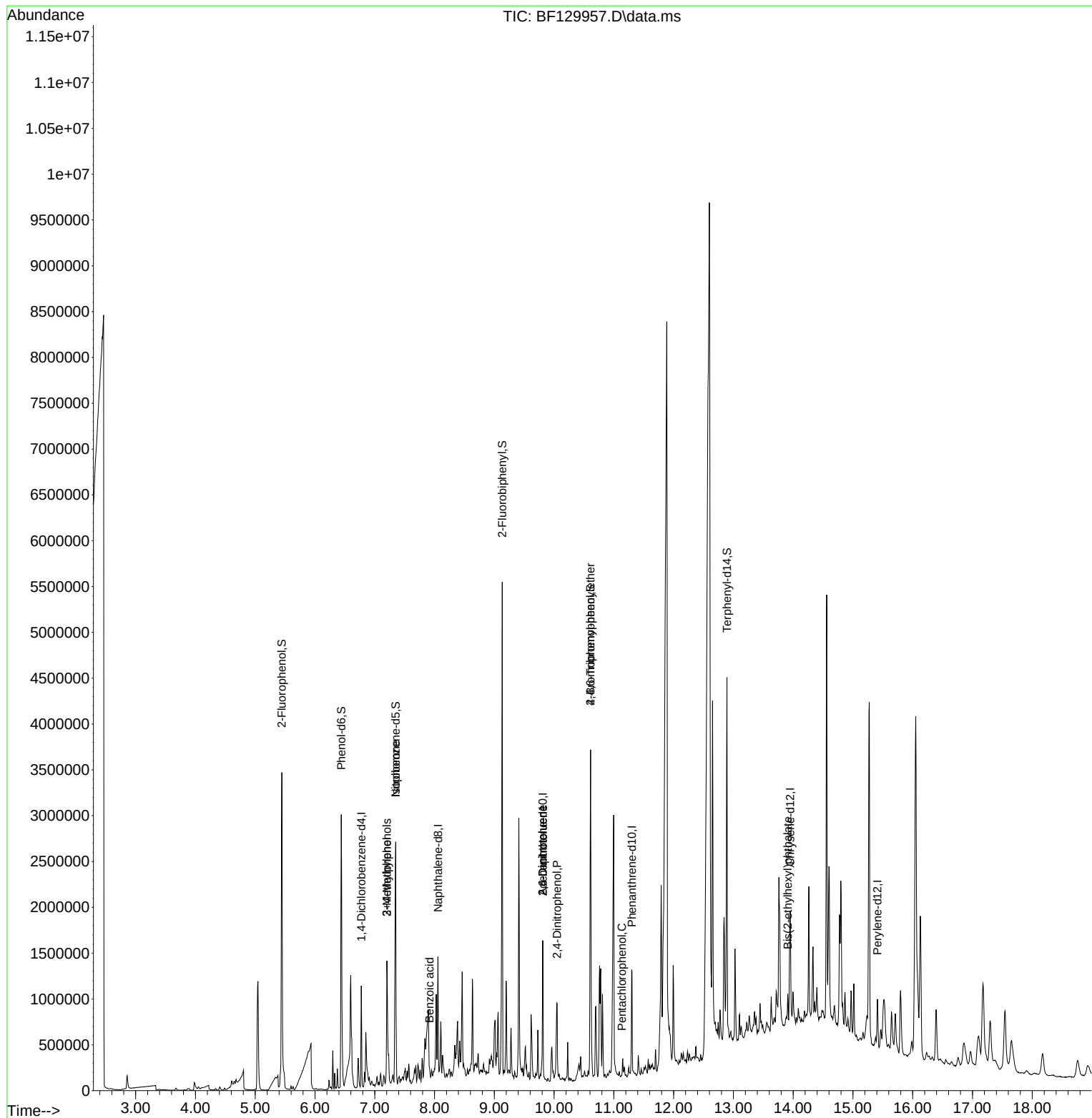
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	143163	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	565800	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	279779	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	414719	20.000	ng	0.00
76) Chrysene-d12	13.951	240	241329	20.000	ng	0.00
86) Perylene-d12	15.410	264	237523	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1021308	118.116	ng	0.04
7) Phenol-d6	6.440	99	1153829	106.559	ng	0.00
23) Nitrobenzene-d5	7.351	82	950620	89.941	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	324727	115.643	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1641747	89.124	ng	0.00
79) Terphenyl-d14	12.892	244	1224110	84.401	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.328	77	7262	Below Cal	#	1
17) 2-Methylphenol	7.204	107	343846	44.488	ng	# 61
20) 3+4-Methylphenols	7.204	107	343846	33.142	ng	# 86
25) Isophorone	7.351	82	950592	52.255	ng	# 65
32) Benzoic acid	7.916	122	9886	5.916	ng	# 89
51) 2,6-Dinitrotoluene	9.810	165	36199	8.320	ng	# 23
54) 2,4-Dinitrophenol	10.051	184	63	5.502	ng	# 1
57) 2,4-Dinitrotoluene	9.810	165	36199	6.409	ng	# 18
67) 4-Bromophenyl-phenylether	10.610	248	20581	4.237	ng	# 1
70) Pentachlorophenol	11.133	266	128	5.258	ng	# 20
77) Benzidine	12.651	184	2835	Below Cal	#	1
84) Bis(2-ethylhexyl)phtha...	13.910	149	81559	7.747	ng	# 98

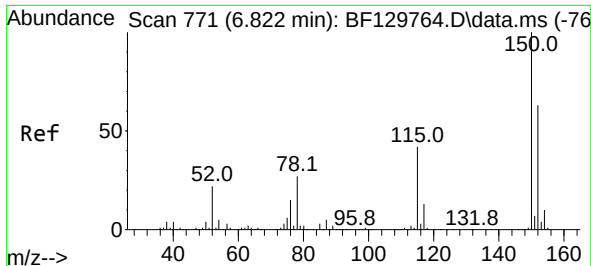
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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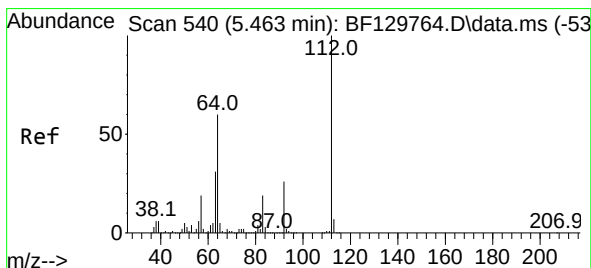
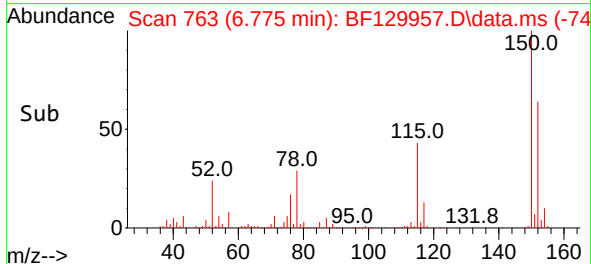
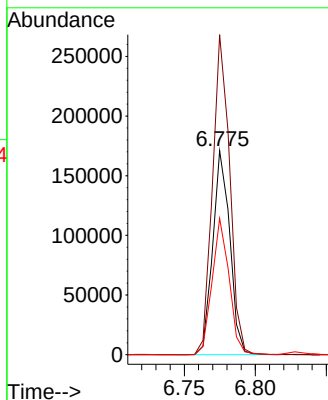
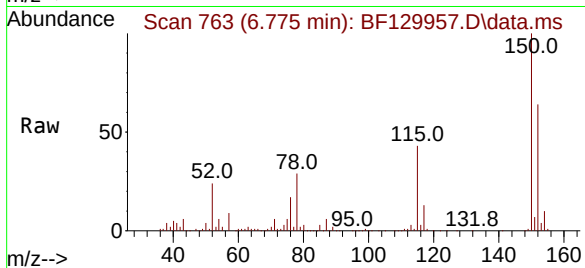




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

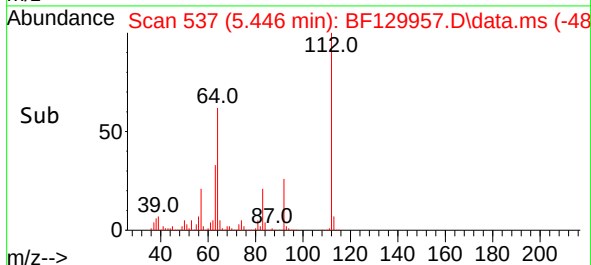
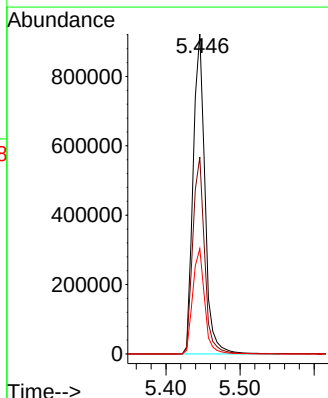
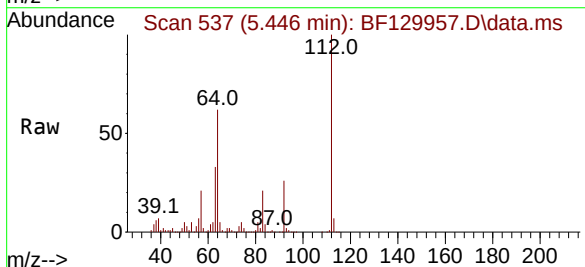
Instrument :
BNA_F
ClientSampleId :
SOILD-WASTE

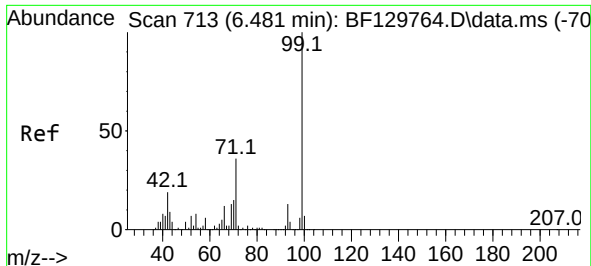
Tgt Ion:152 Resp: 143163
Ion Ratio Lower Upper
152 100
150 156.8 126.9 190.3
115 66.9 53.4 80.0



#5
2-Fluorophenol
Concen: 118.116 ng
RT: 5.446 min Scan# 537
Delta R.T. 0.035 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

Tgt Ion:112 Resp: 1021308
Ion Ratio Lower Upper
112 100
64 61.6 47.6 71.4
63 32.9 24.6 37.0

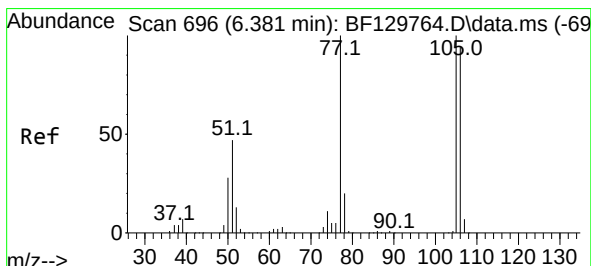
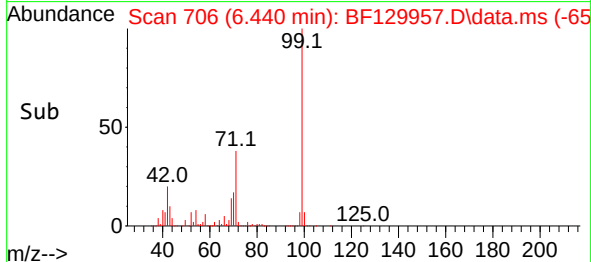
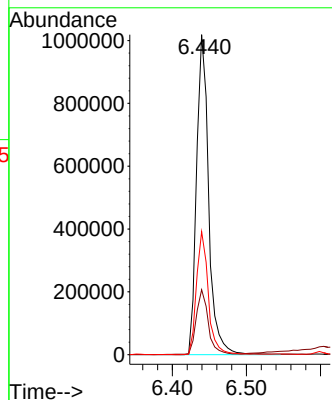
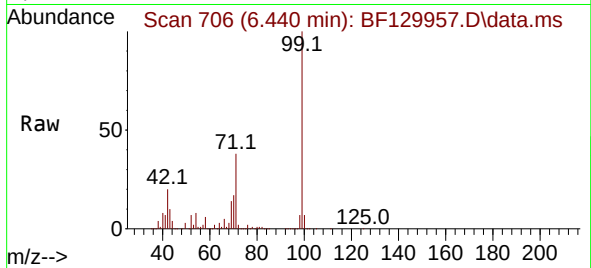




#7
Phenol-d6
Concen: 106.559 ng
RT: 6.440 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

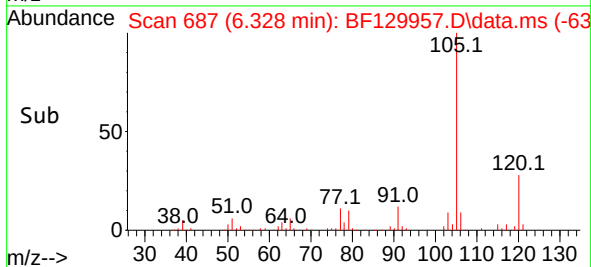
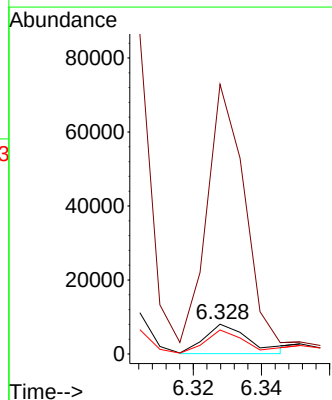
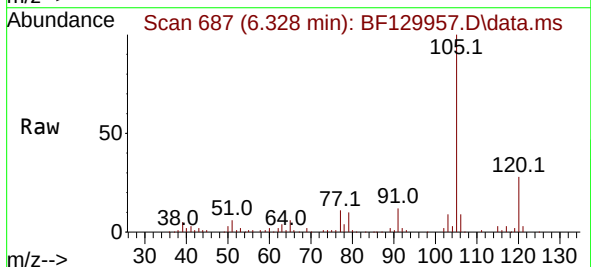
Instrument :
BNA_F
ClientSampleId :
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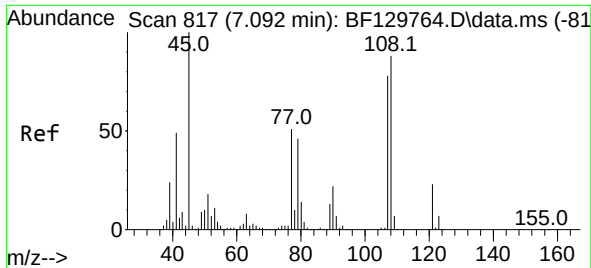
Tgt Ion: 99 Resp: 1153829
Ion Ratio Lower Upper
99 100
42 20.3 15.0 22.4
71 38.5 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.328 min Scan# 687
Delta R.T. -0.006 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

Tgt Ion: 77 Resp: 7262
Ion Ratio Lower Upper
77 100
105 904.9 80.3 120.3#
106 80.7 74.3 114.3

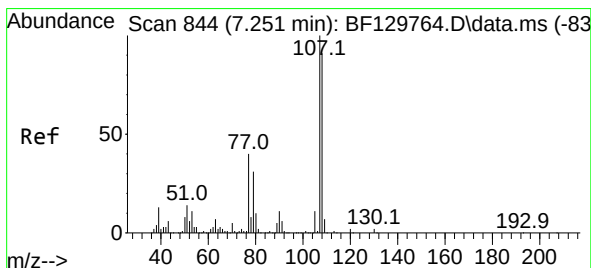
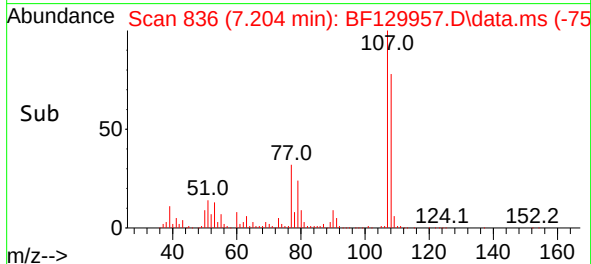
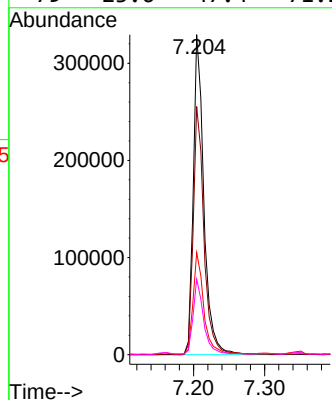
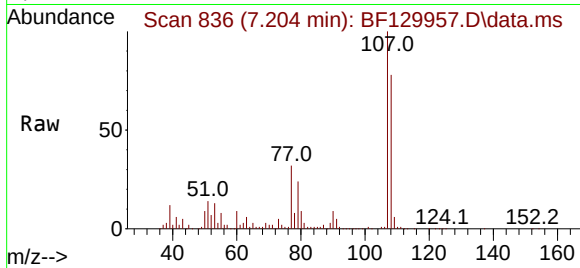




#17
2-Methylphenol
Concen: 44.488 ng
RT: 7.204 min Scan# 817
Delta R.T. 0.153 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

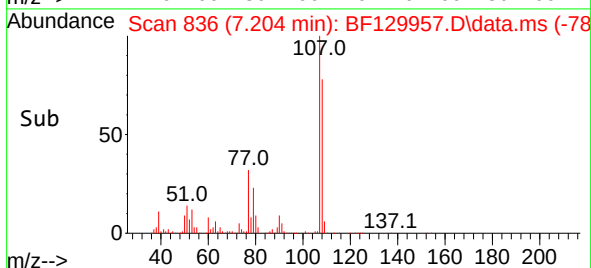
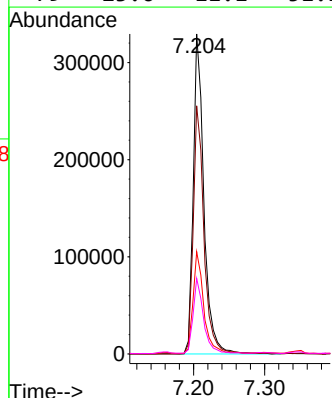
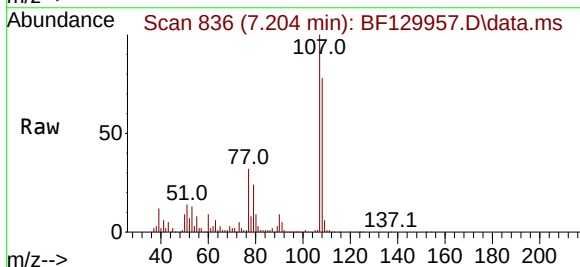
Instrument :
BNA_F
ClientSampleId :
SOILD-WASTE

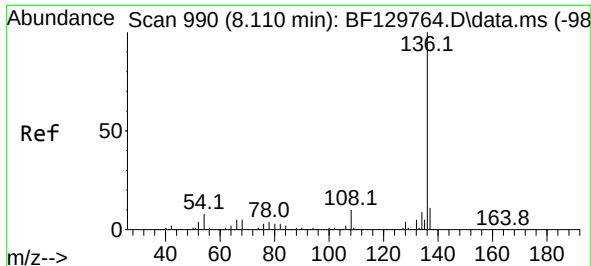
Tgt Ion:107 Resp: 343846
Ion Ratio Lower Upper
107 100
108 77.5 90.2 135.2#
77 32.0 51.8 77.8#
79 23.6 47.4 71.2#



#20
3+4-Methylphenols
Concen: 33.142 ng
RT: 7.204 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

Tgt Ion:107 Resp: 343846
Ion Ratio Lower Upper
107 100
108 77.5 71.3 111.3
77 32.0 20.4 60.4
79 23.6 11.1 51.1

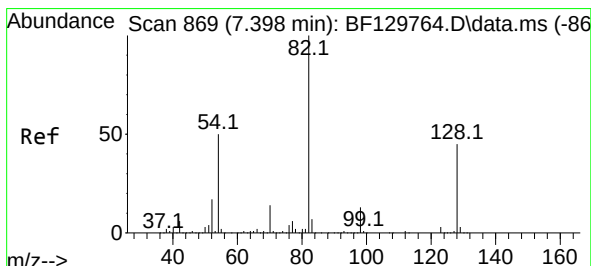
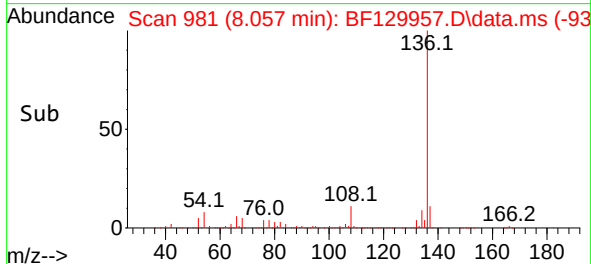
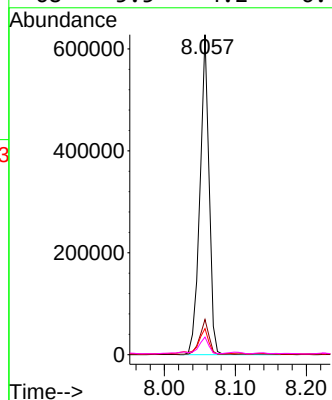
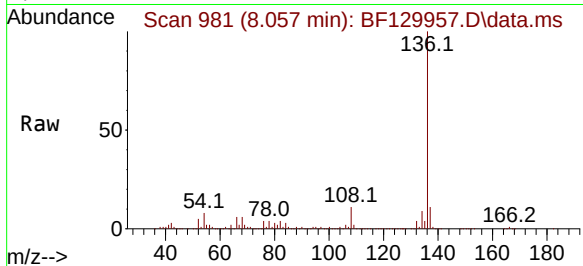




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

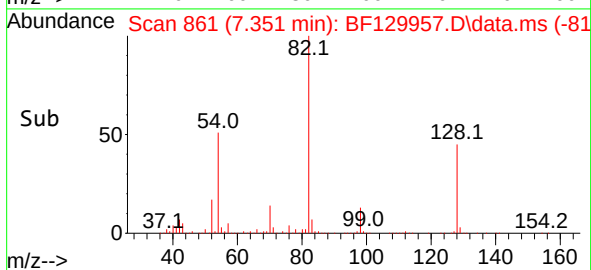
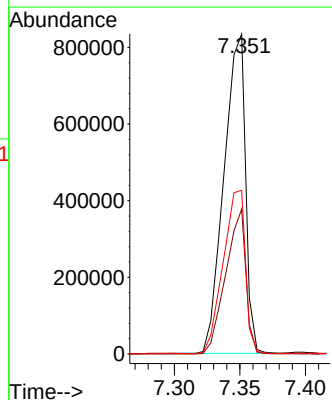
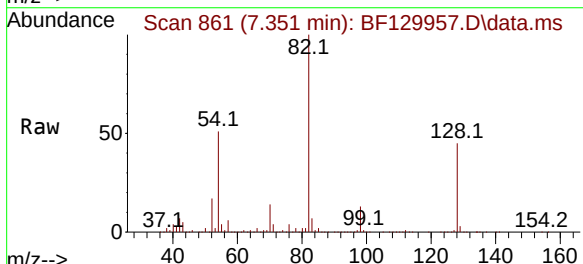
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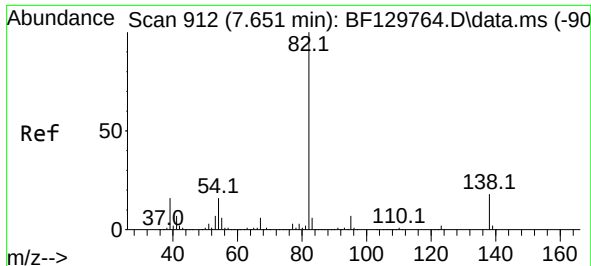
Tgt Ion:136 Resp: 565800
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.1 6.2 9.2
68 5.5 4.2 6.4



#23
Nitrobenzene-d5
Concen: 89.941 ng
RT: 7.351 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

Tgt Ion: 82 Resp: 950620
Ion Ratio Lower Upper
82 100
128 45.2 36.1 54.1
54 51.2 40.0 60.0

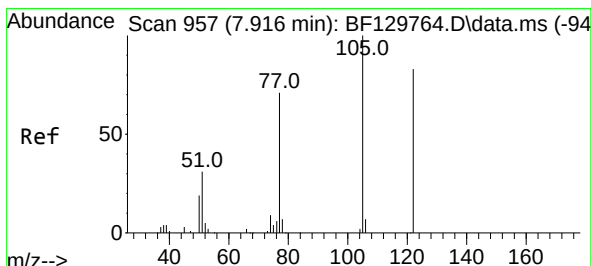
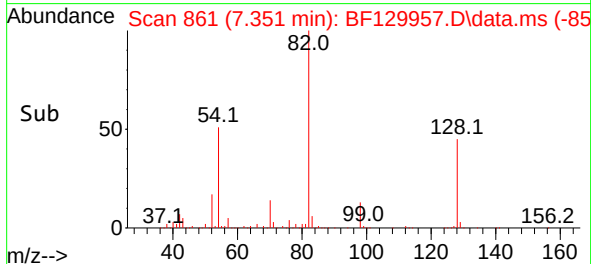
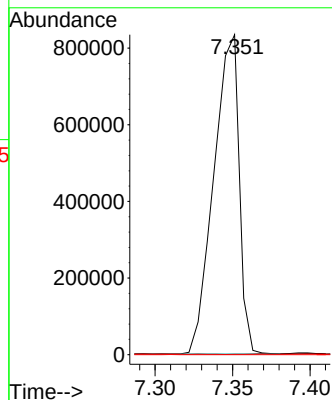
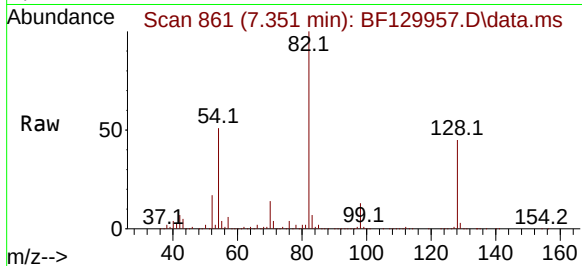




#25
Isophorone
Concen: 52.255 ng
RT: 7.351 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

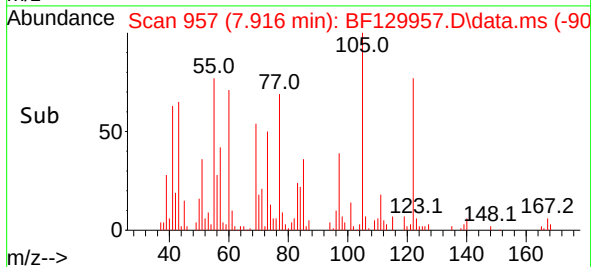
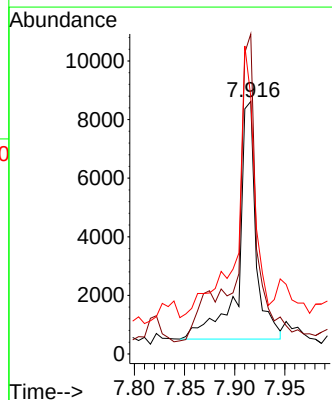
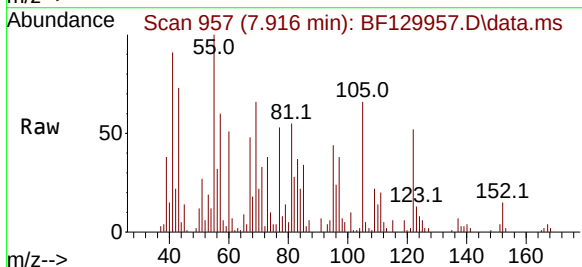
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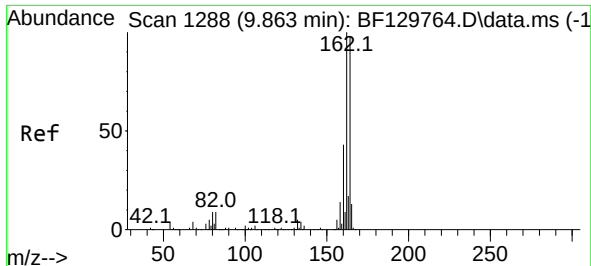
Tgt Ion: 82 Resp: 950592
Ion Ratio Lower Upper
82 100
95 0.1 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 5.916 ng
RT: 7.916 min Scan# 957
Delta R.T. 0.035 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

Tgt Ion:122 Resp: 9886
Ion Ratio Lower Upper
122 100
105 126.8 99.9 139.9
77 101.9 65.9 105.9

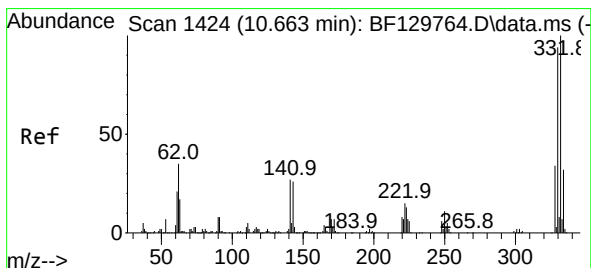
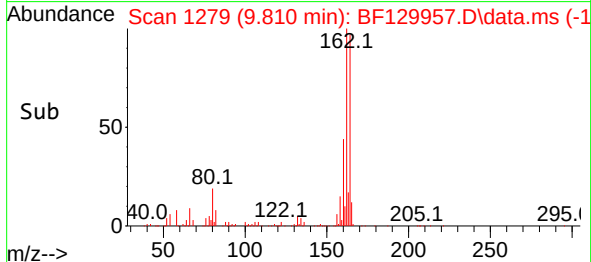
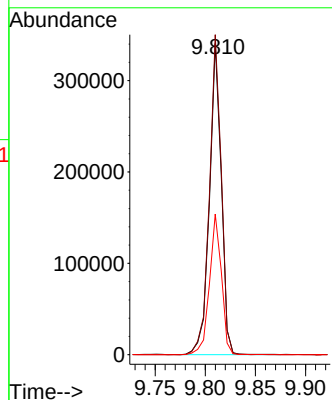
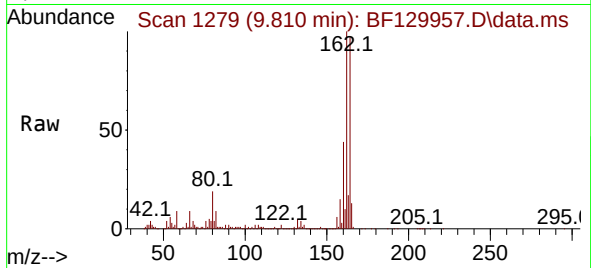




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

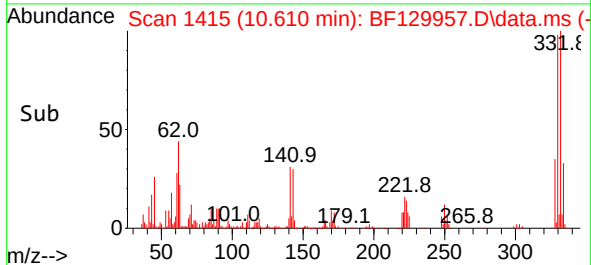
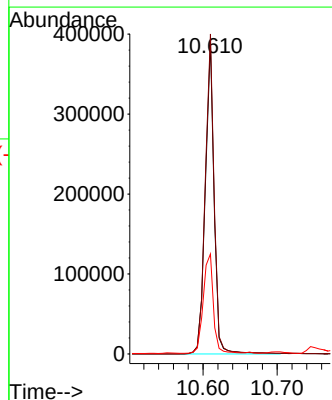
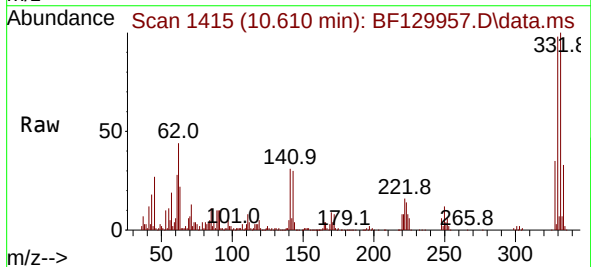
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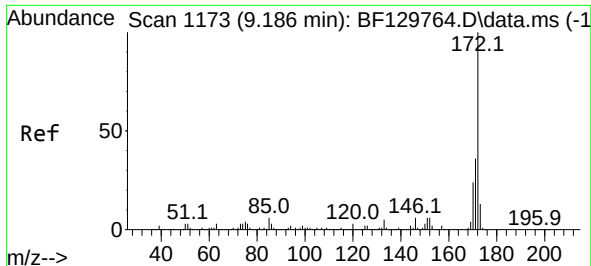
Tgt Ion:164 Resp: 279779
Ion Ratio Lower Upper
164 100
162 102.8 82.0 123.0
160 45.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 115.643 ng
RT: 10.610 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

Tgt Ion:330 Resp: 324727
Ion Ratio Lower Upper
330 100
332 103.8 82.6 124.0
141 36.1 27.6 41.4

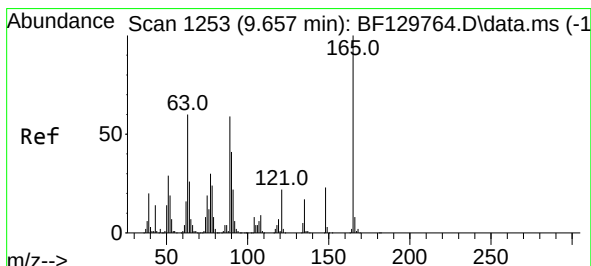
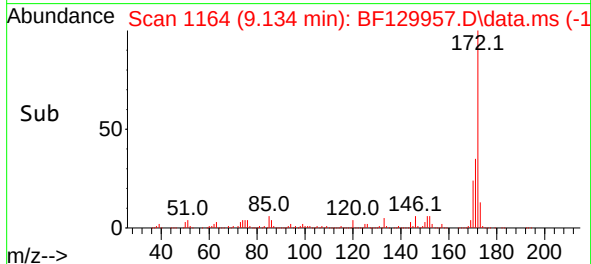
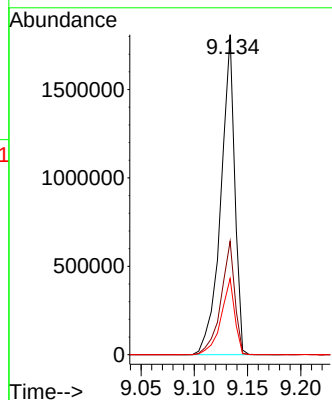
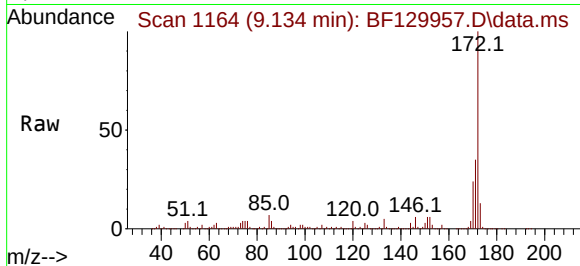




#45
2-Fluorobiphenyl
Concen: 89.124 ng
RT: 9.134 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

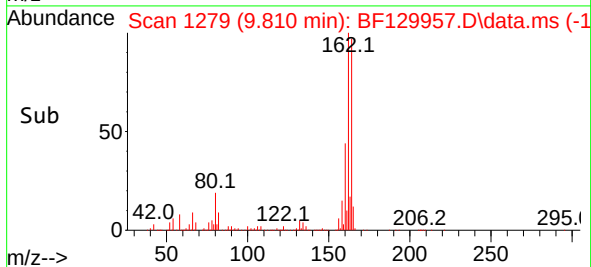
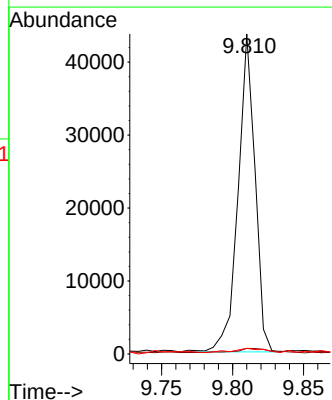
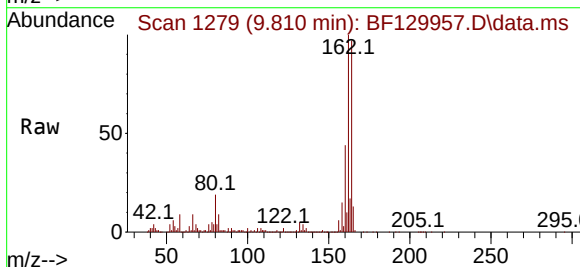
Instrument :
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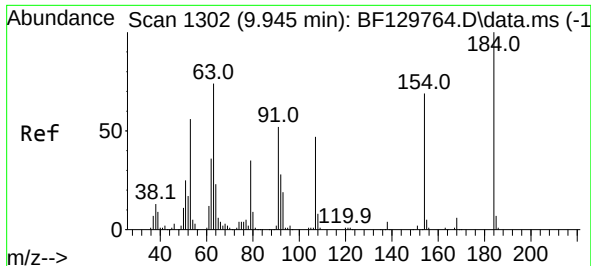
Tgt Ion:172 Resp: 1641747
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.8 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 8.320 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.194 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

Tgt Ion:165 Resp: 36199
Ion Ratio Lower Upper
165 100
63 1.7 47.8 71.8#
89 1.8 47.2 70.8#

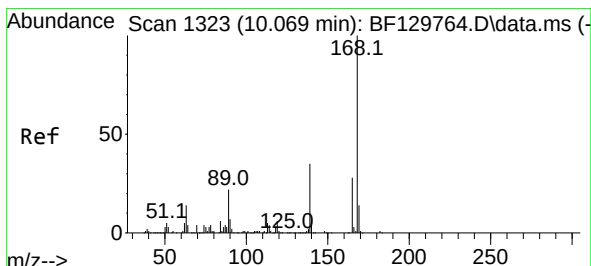
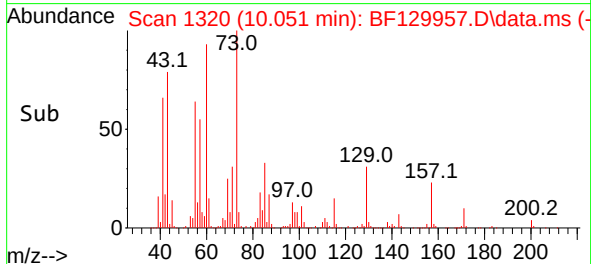
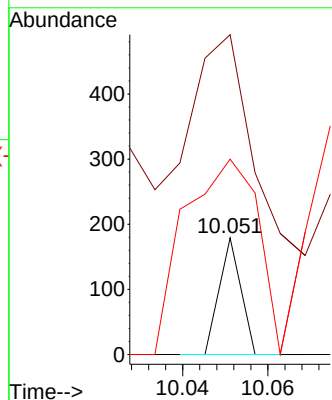
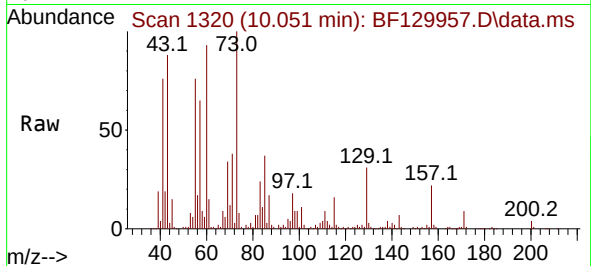




#54
2,4-Dinitrophenol
Concen: 5.502 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.147 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

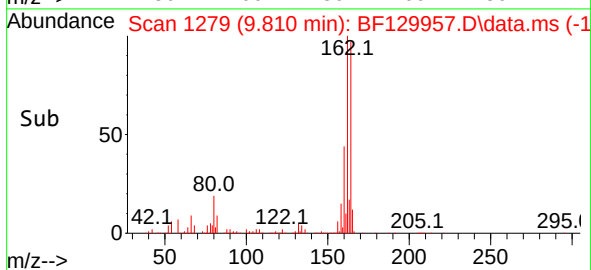
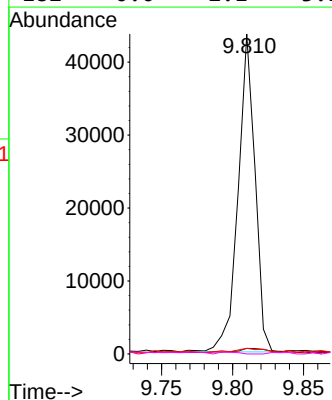
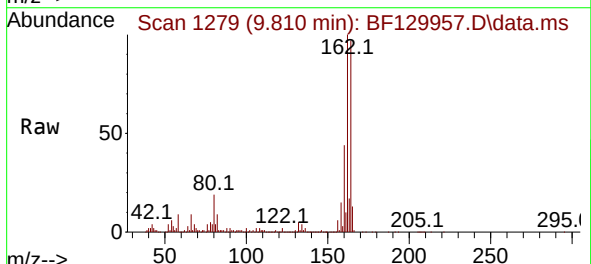
Instrument :
BNA_F
ClientSampleId :
SOILD-WASTE

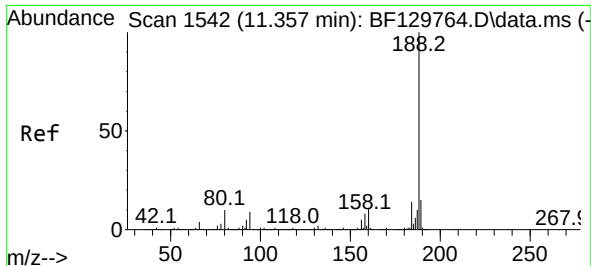
Tgt Ion:184 Resp: 63
Ion Ratio Lower Upper
184 100
63 274.3 59.6 89.4#
154 167.6 55.3 82.9#



#57
2,4-Dinitrotoluene
Concen: 6.409 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.212 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

Tgt Ion:165 Resp: 36199
Ion Ratio Lower Upper
165 100
63 1.7 48.4 72.6#
89 1.8 62.3 93.5#
182 0.0 2.1 3.1#

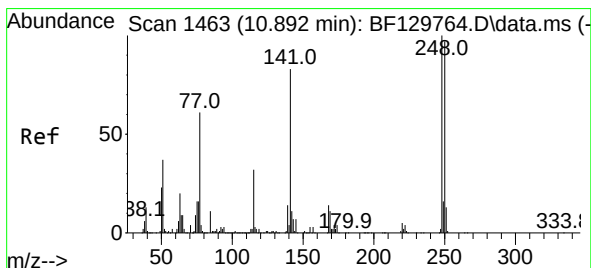
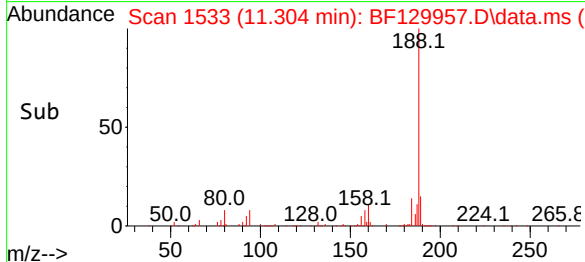
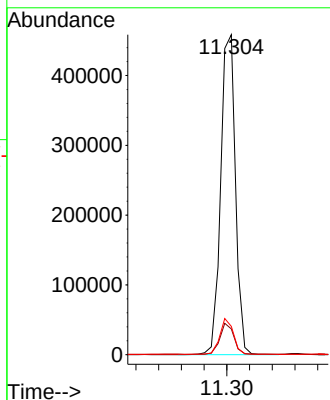
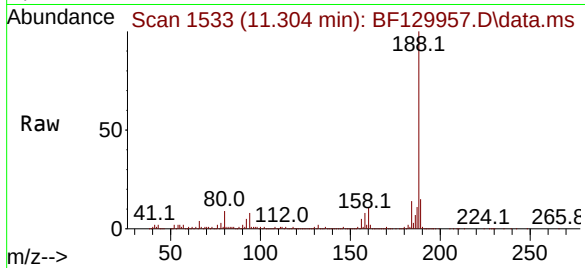




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

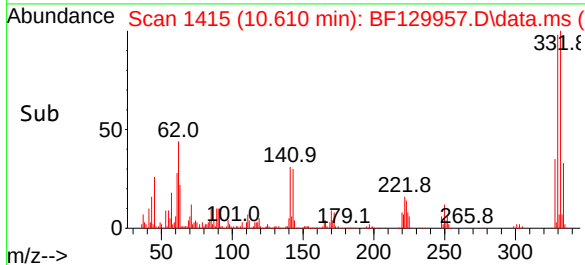
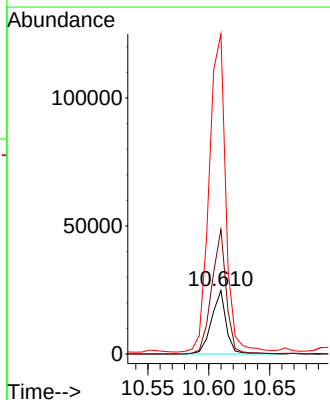
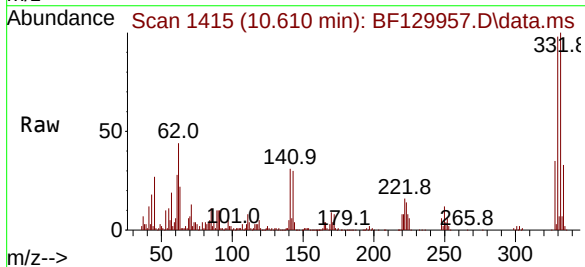
Instrument :
BNA_F
ClientSampleId :
SOILD-WASTE

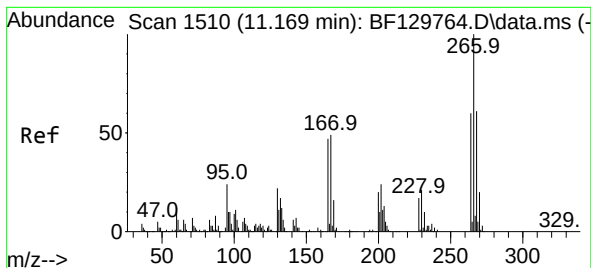
Tgt Ion:188 Resp: 414719
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.8 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.237 ng
RT: 10.610 min Scan# 1415
Delta R.T. -0.235 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

Tgt Ion:248 Resp: 20581
Ion Ratio Lower Upper
248 100
250 196.3 77.8 116.6#
141 504.7 66.2 99.2#





#70

Pentachlorophenol

Concen: 5.258 ng

RT: 11.133 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF129957.D

Acq: 23 Aug 2022 17:11

Instrument :

BNA_F

ClientSampleId :

SOILD-WASTE

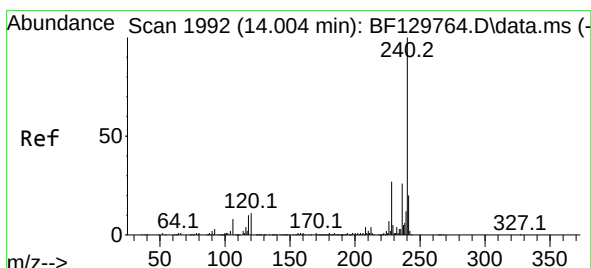
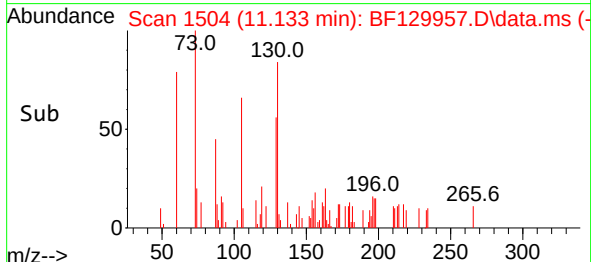
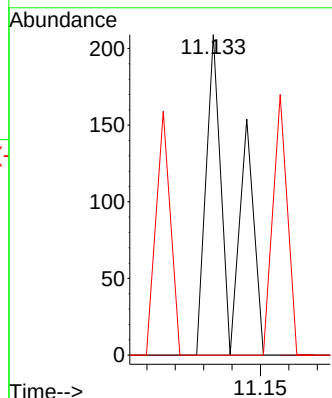
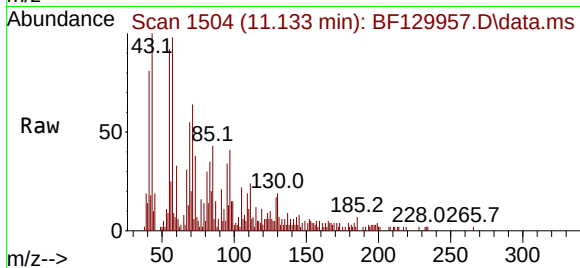
Tgt Ion:266 Resp: 128

Ion Ratio Lower Upper

266 100

268 0.0 49.0 73.4#

264 0.0 47.9 71.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 1983

Delta R.T. 0.000 min

Lab File: BF129957.D

Acq: 23 Aug 2022 17:11

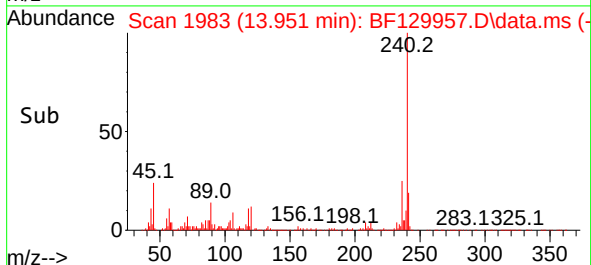
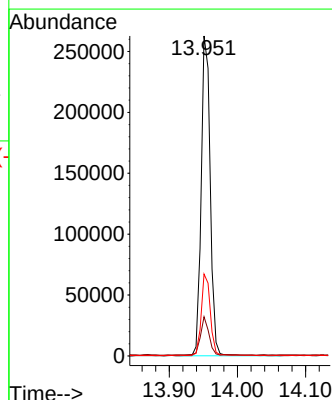
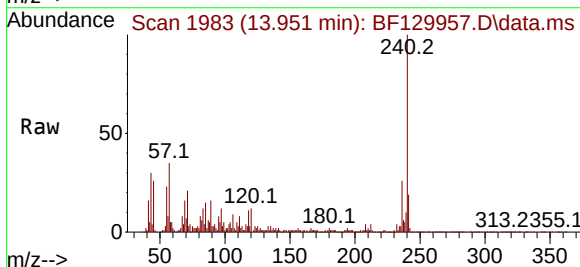
Tgt Ion:240 Resp: 241329

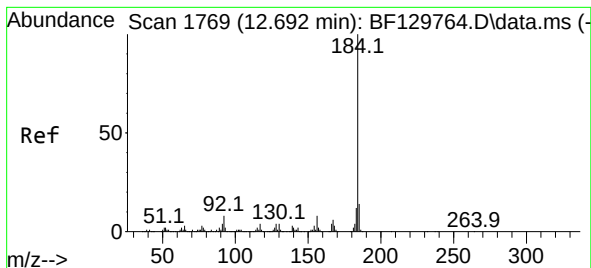
Ion Ratio Lower Upper

240 100

120 12.3 9.2 13.8

236 25.6 20.7 31.1





#77

Benzidine

Concen: Below Cal

RT: 12.651 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF129957.D

Acq: 23 Aug 2022 17:11

Instrument :

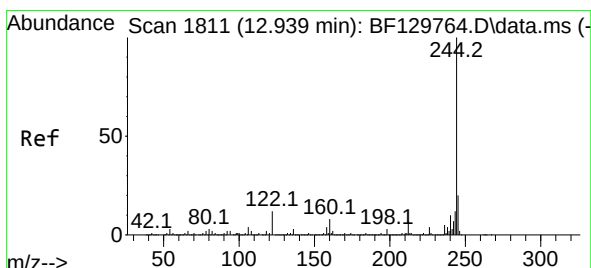
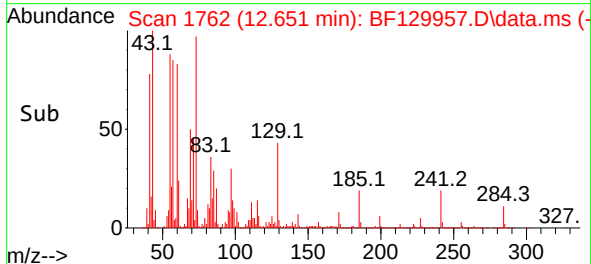
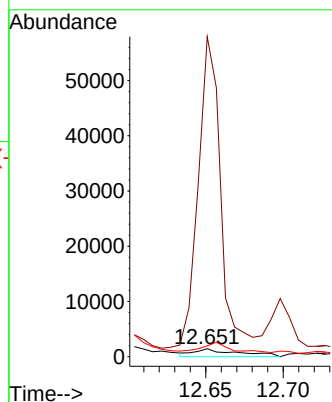
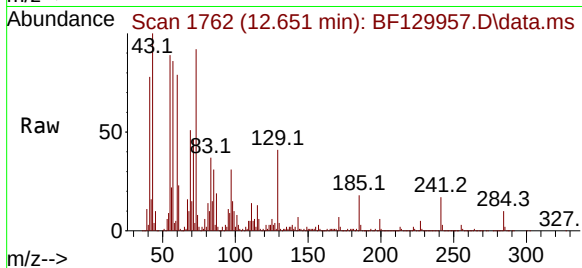
BNA_F

ClientSampleId :

SOILD-WASTE

Tgt Ion:184 Resp: 2835

Ion	Ratio	Lower	Upper
184	100		
185	3968.8	11.4	17.2#
183	134.5	9.4	14.2#



#79

Terphenyl-d14

Concen: 84.401 ng

RT: 12.892 min Scan# 1803

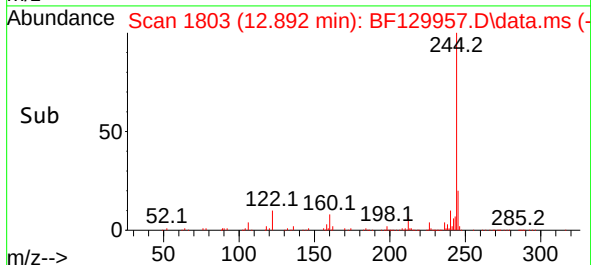
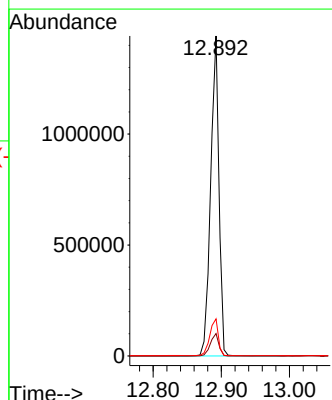
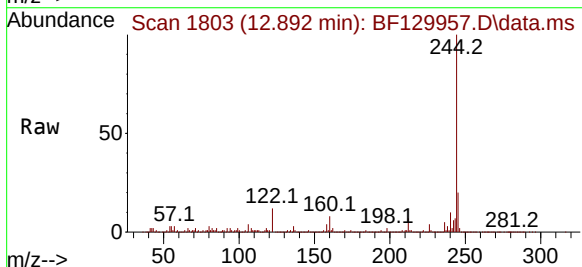
Delta R.T. 0.006 min

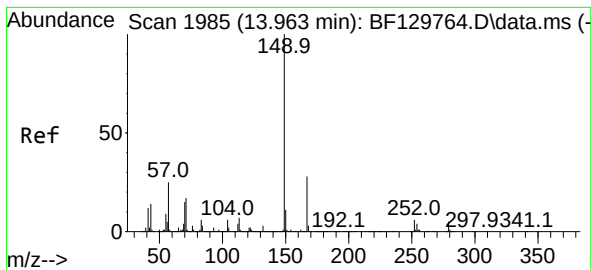
Lab File: BF129957.D

Acq: 23 Aug 2022 17:11

Tgt Ion:244 Resp: 1224110

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	11.6	9.9	14.9

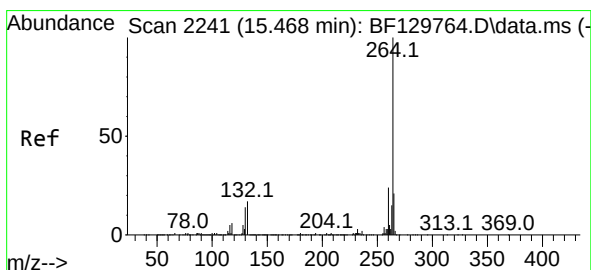
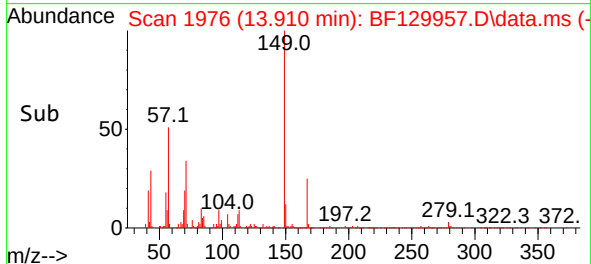
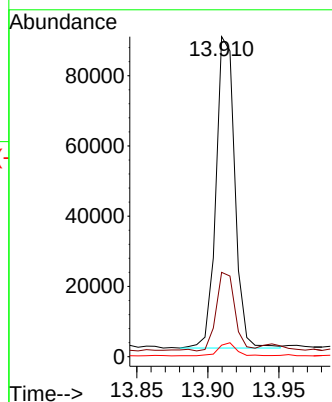
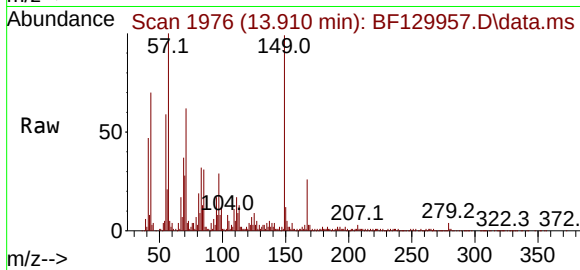




#84
Bis(2-ethylhexyl)phthalate
Concen: 7.747 ng
RT: 13.910 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

Instrument :
BNA_F
ClientSampleId :
SOILD-WASTE

Tgt Ion:149 Resp: 81559
Ion Ratio Lower Upper
149 100
167 26.4 22.0 33.0
279 3.6 3.6 5.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2231
Delta R.T. 0.012 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

Tgt Ion:264 Resp: 237523
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 21.4 16.7 25.1

