

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)

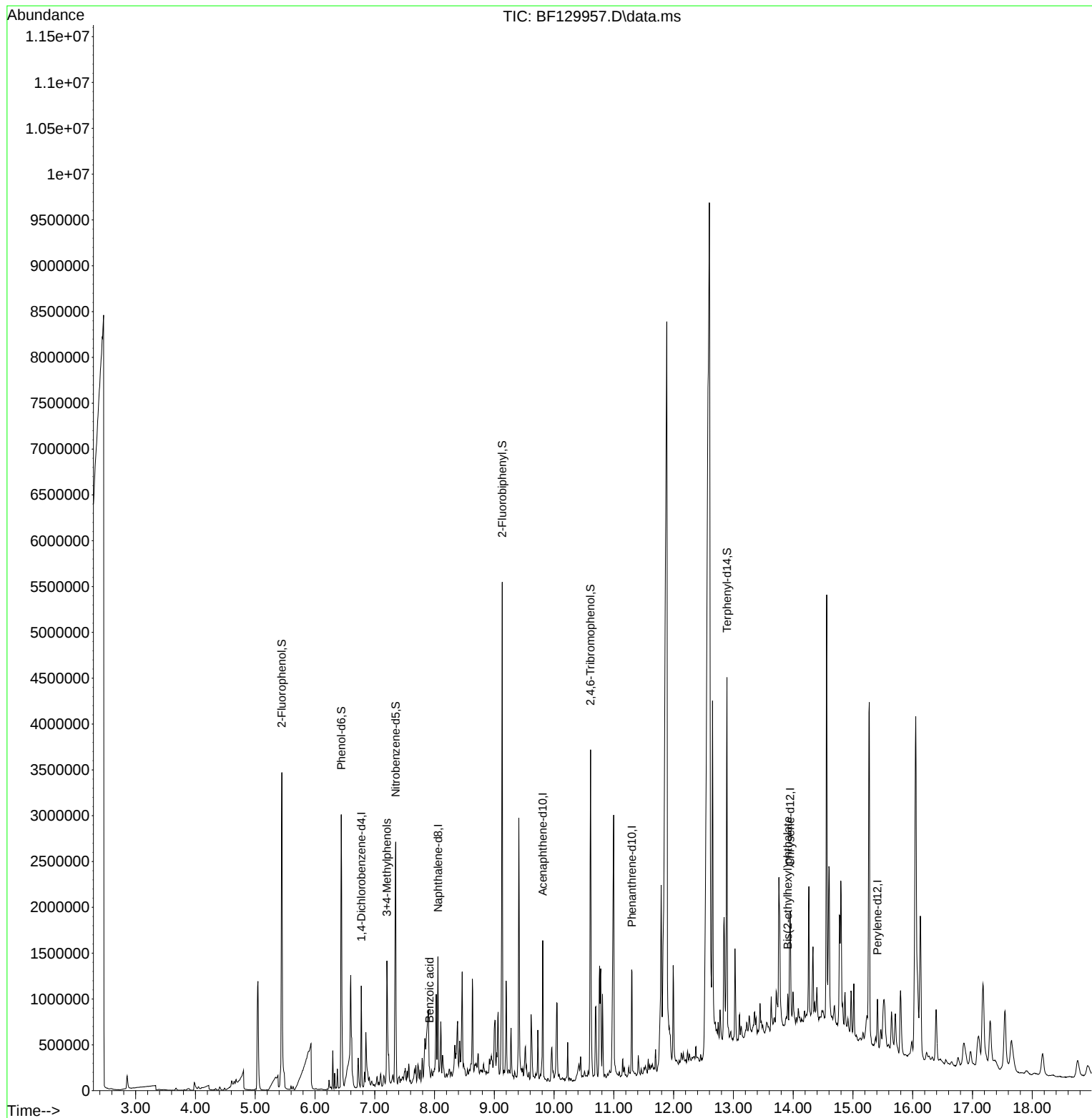
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	143163	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	565800	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	279779	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	414719	20.000	ng	0.00
76) Chrysene-d12	13.951	240	241329	20.000	ng	0.00
86) Perylene-d12	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						
20) 3+4-Methylphenols	7.204	107	343846	33.142	ng	86
32) Benzoic acid	7.916	122	9886	5.916	ng	89
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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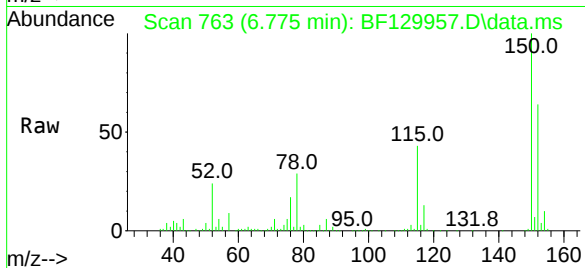
Quant Time: Aug 24 01:55:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
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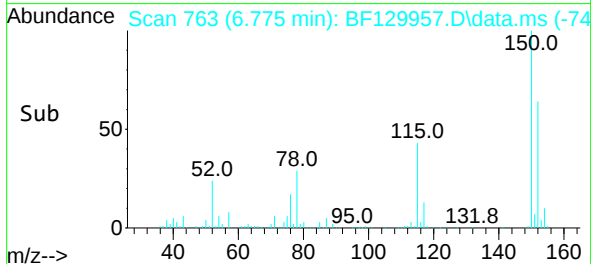
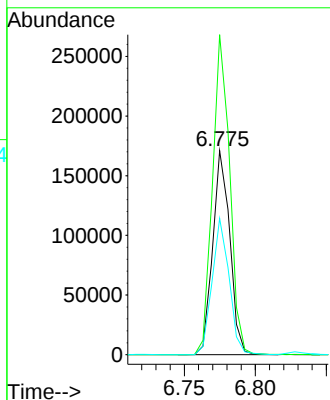


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

Instrument :
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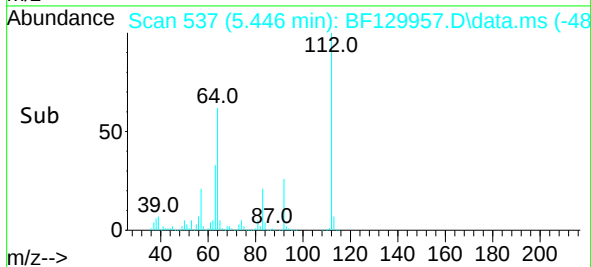
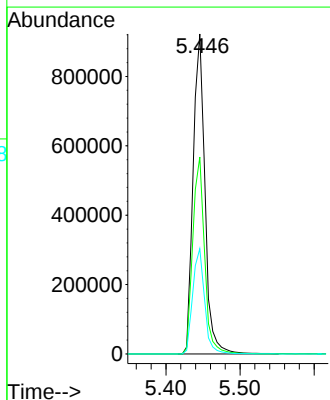
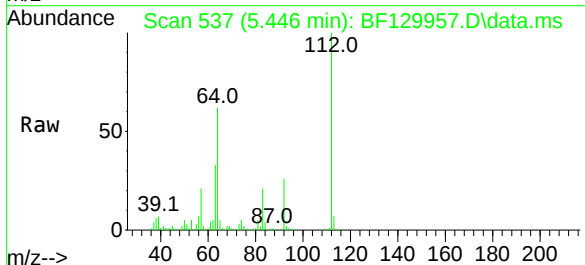


Tgt Ion:152 Resp: 143163
Ion Ratio Lower Upper
152 100
150 156.8 126.9 190.3
115 66.9 53.4 80.0



#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

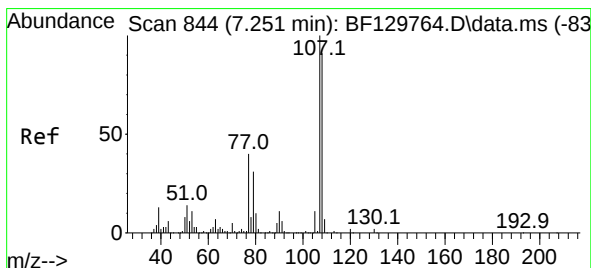
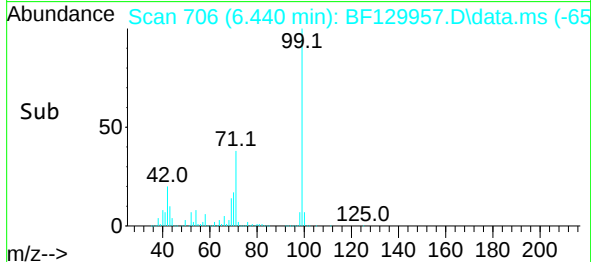
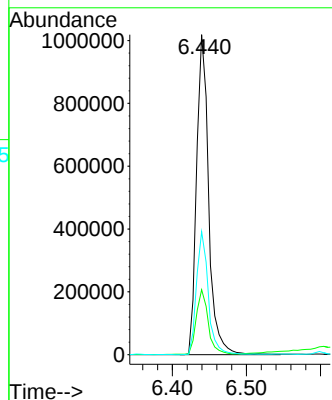
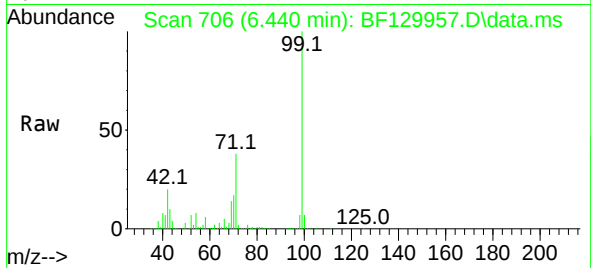




#7
Phenol-d6
Concen: 106.559 ng
RT: 6.440 min Scan# 713
Delta R.T. 0.006 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

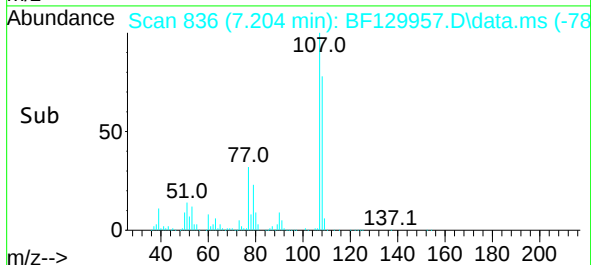
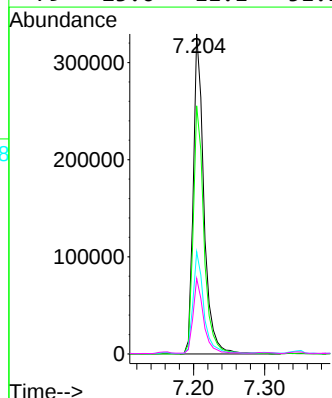
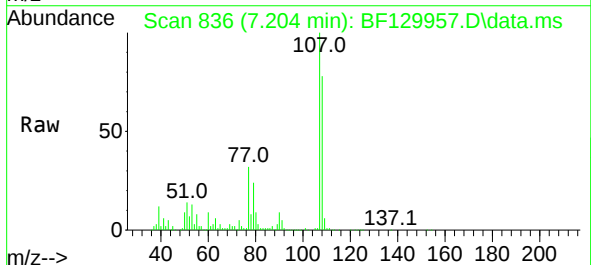
Instrument :
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ClientSampleId :
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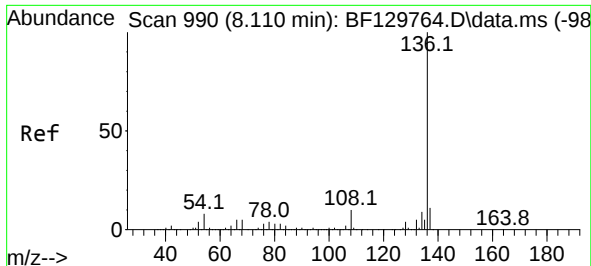
Tgt Ion: 99 Resp: 1153829
Ion Ratio Lower Upper
99 100
42 20.3 15.0 22.4
71 38.5 28.8 43.2



#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



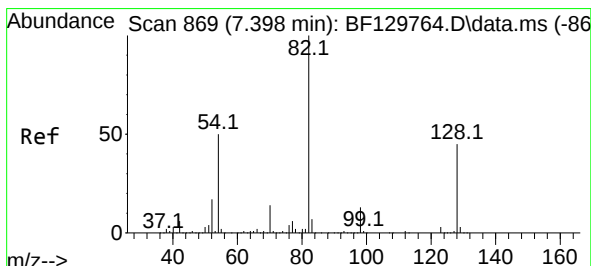
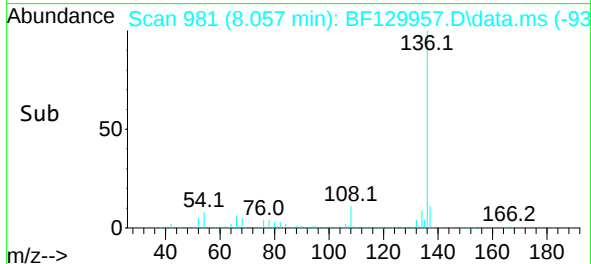
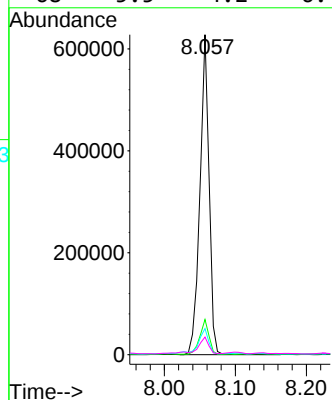
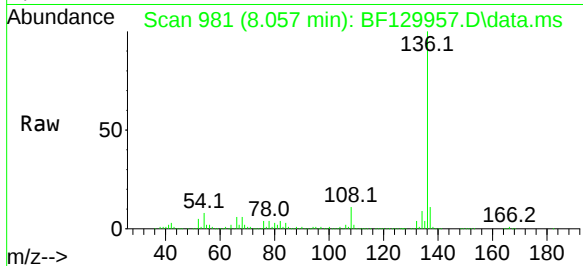


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

Instrument :
BNA_F
ClientSampleId :
SOILD-WASTE

Tgt Ion:136 Resp: 565800

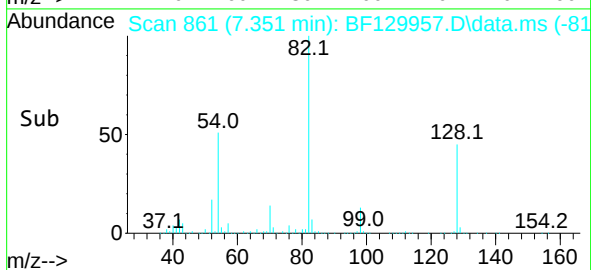
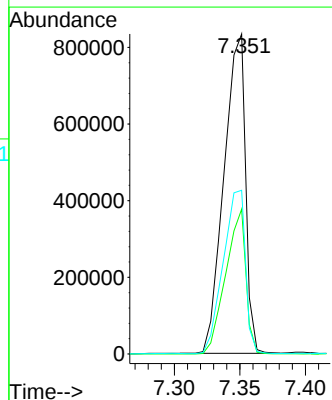
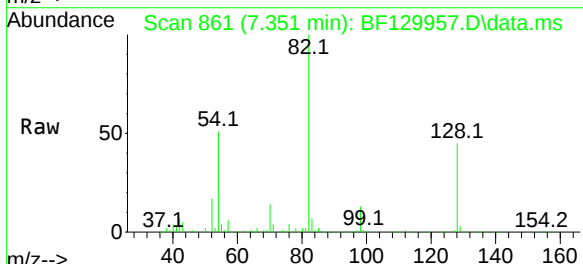
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.1	6.2	9.2
68	5.5	4.2	6.4

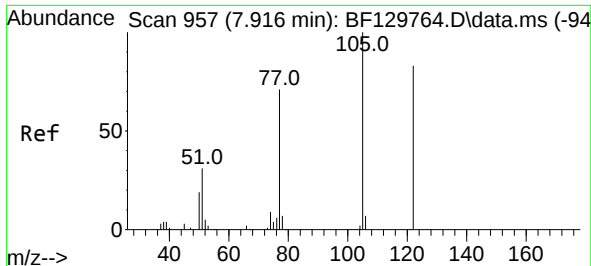


#23
Nitrobenzene-d5
Concen: 89.941 ng
RT: 7.351 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

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

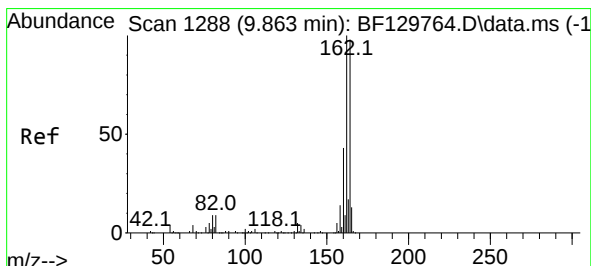
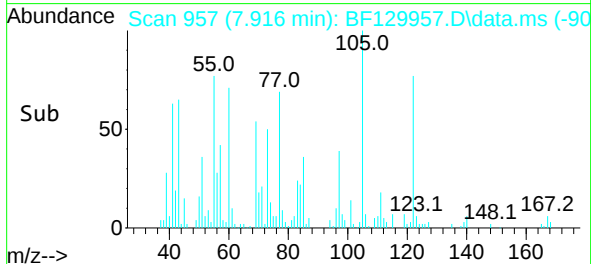
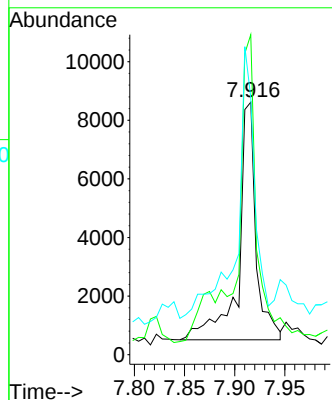
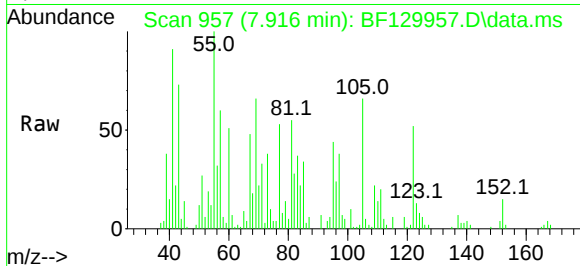




#32
Benzoic acid
Concen: 5.916 ng
RT: 7.916 min Scan# 91
Delta R.T. 0.035 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

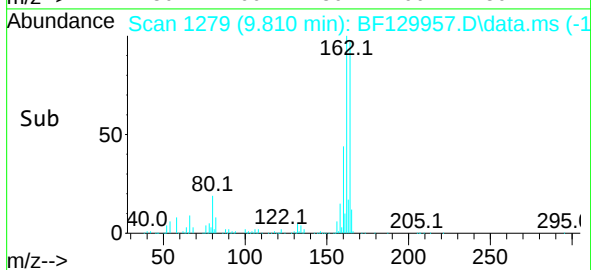
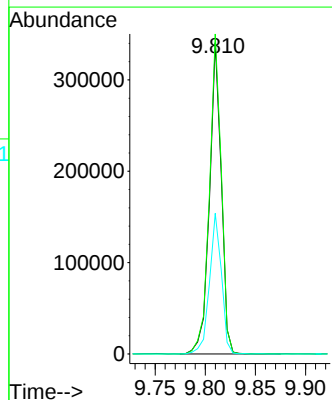
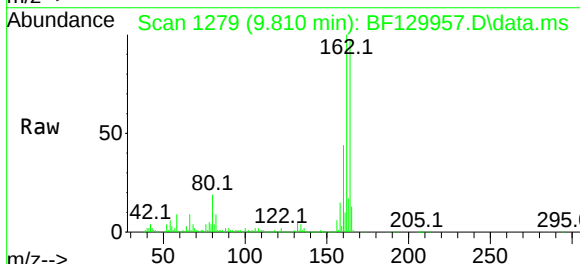
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BNA_F
ClientSampleId :
SOILD-WASTE

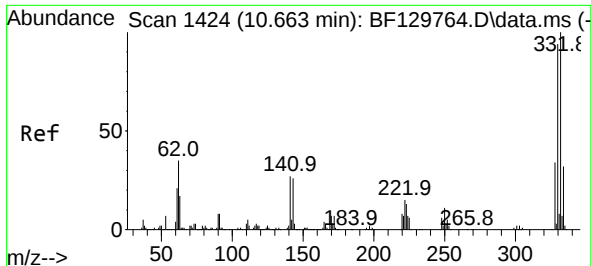
Tgt Ion:122 Resp: 9886
Ion Ratio Lower Upper
122 100
105 126.8 99.9 139.9
77 101.9 65.9 105.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

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# 1424

Delta R.T. 0.000 min

Lab File: BF129957.D

Acq: 23 Aug 2022 17:11

Instrument :

BNA_F

ClientSampleId :

SOILD-WASTE

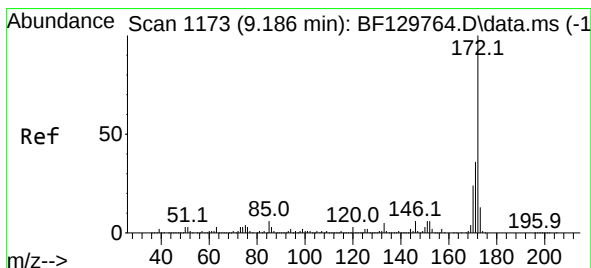
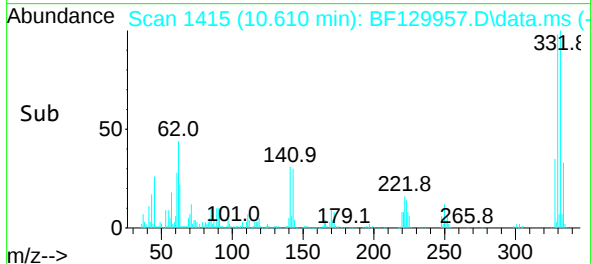
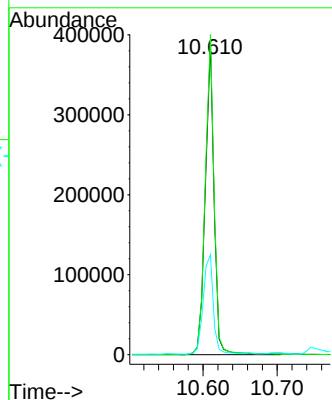
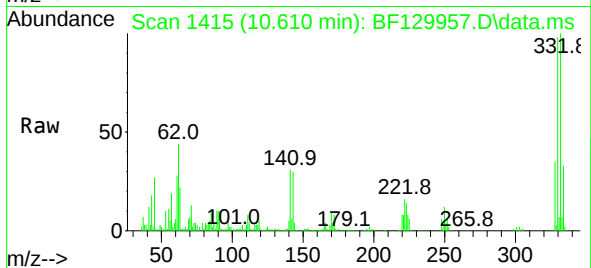
Tgt Ion:330 Resp: 324727

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# 1164

Delta R.T. 0.000 min

Lab File: BF129957.D

Acq: 23 Aug 2022 17:11

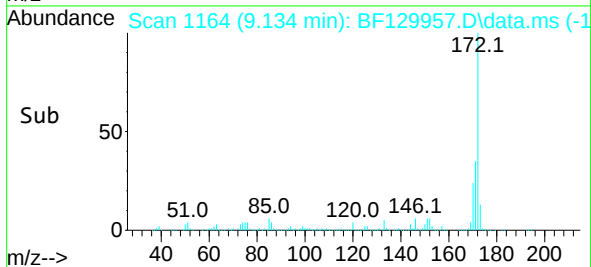
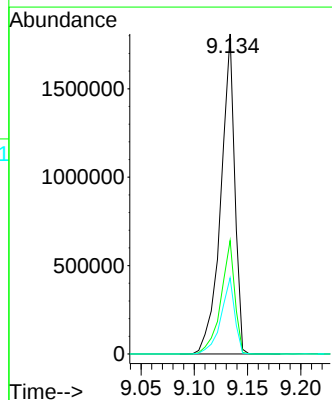
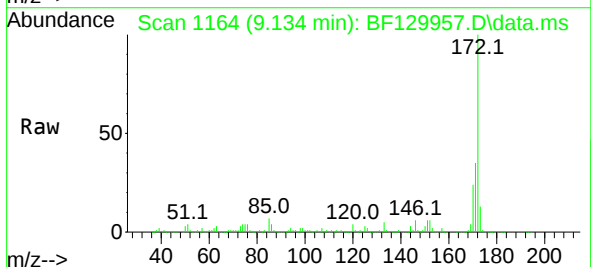
Tgt Ion:172 Resp: 1641747

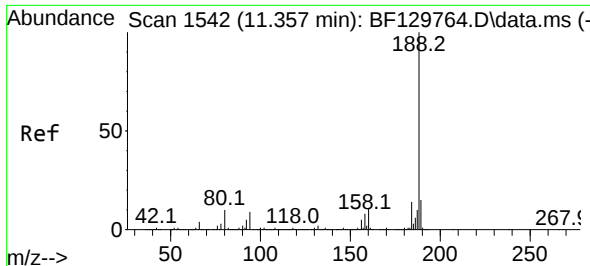
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.8 19.1 28.7

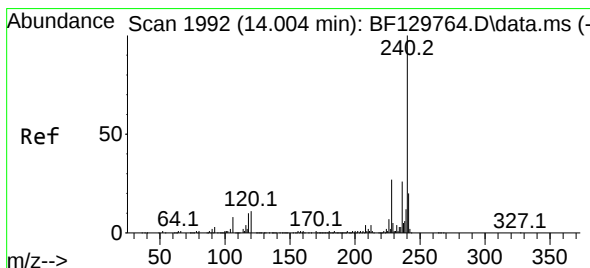
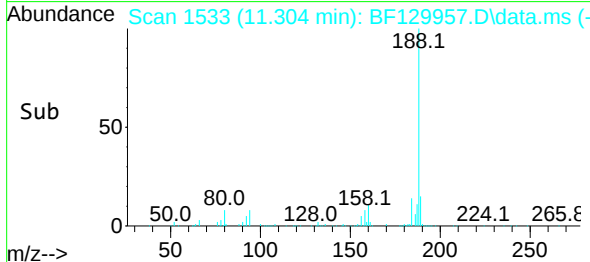
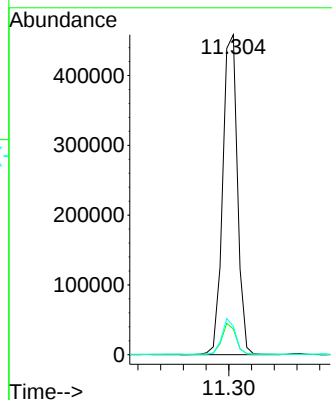
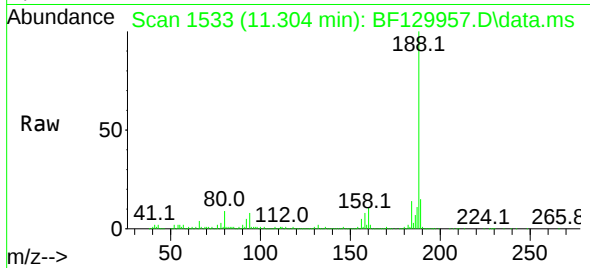




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129957.D
Acq: 23 Aug 2022 17:11

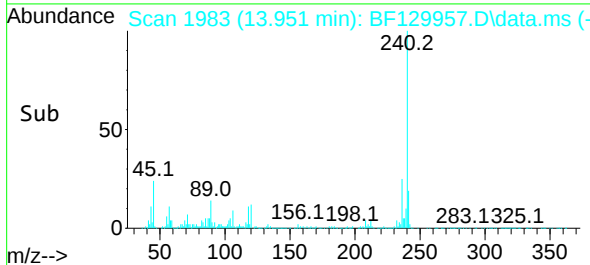
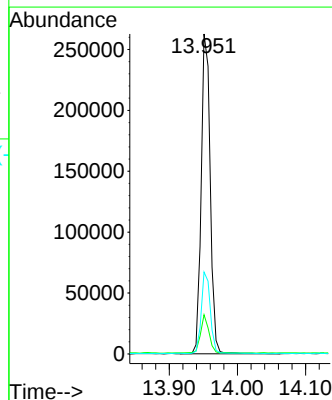
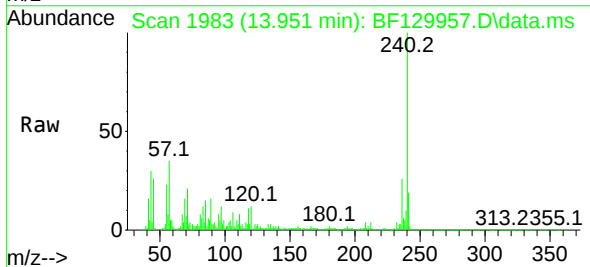
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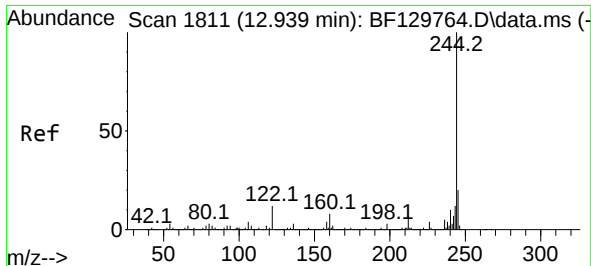
Tgt Ion:188 Resp: 414719
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.8 7.9 11.9



#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

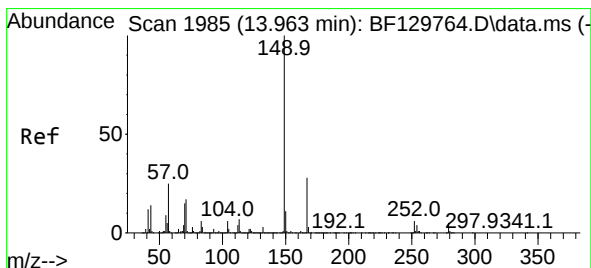
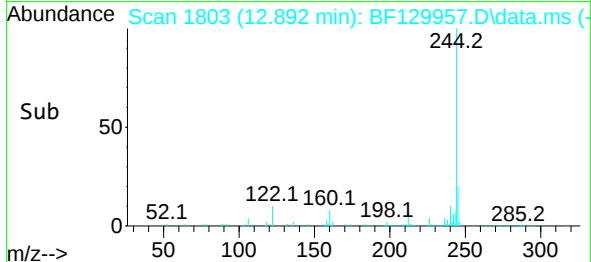
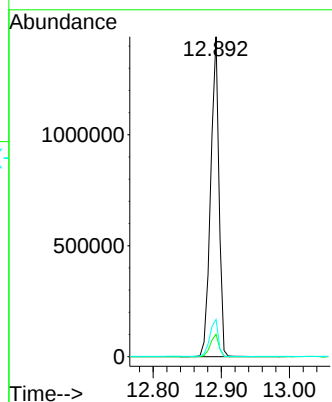
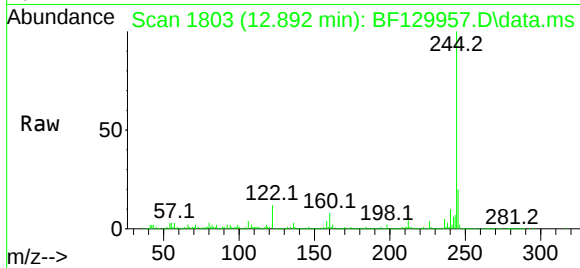




#79
 Terphenyl-d14
 Concen: 84.401 ng
 RT: 12.892 min Scan# 1811
 Delta R.T. 0.006 min
 Lab File: BF129957.D
 Acq: 23 Aug 2022 17:11

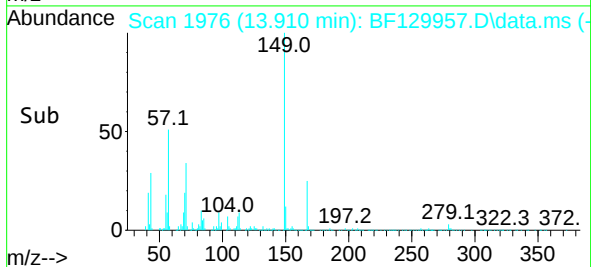
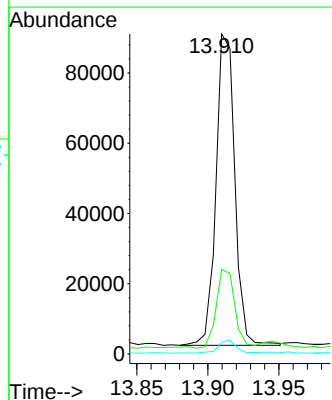
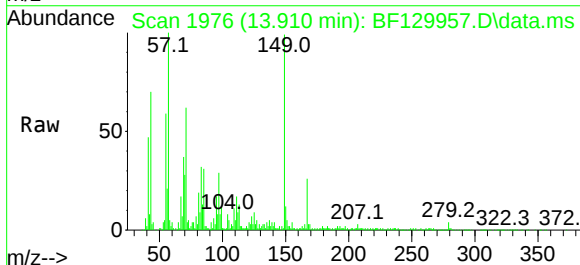
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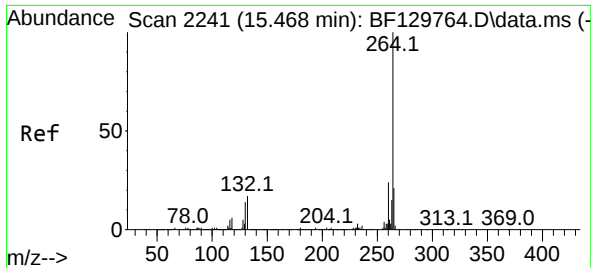
Tgt Ion:244 Resp: 1224110
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.6 9.9 14.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.747 ng
 RT: 13.910 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: BF129957.D
 Acq: 23 Aug 2022 17:11

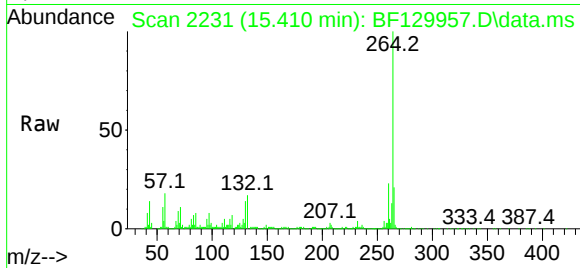
Tgt Ion:149 Resp: 81559
 Ion Ratio Lower Upper
 149 100
 167 26.4 22.0 33.0
 279 3.6 3.6 5.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF129957.D
 Acq: 23 Aug 2022 17:11

Instrument :
 BNA_F
 ClientSampleId :
 SOILD-WASTE



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

