

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
 Data File : BF127622.D
 Acq On : 01 Apr 2022 20:01
 Operator : CG\JU
 Sample : N2197-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEWATERING-EFFLUENT-033022

Quant Time: Apr 01 23:49:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

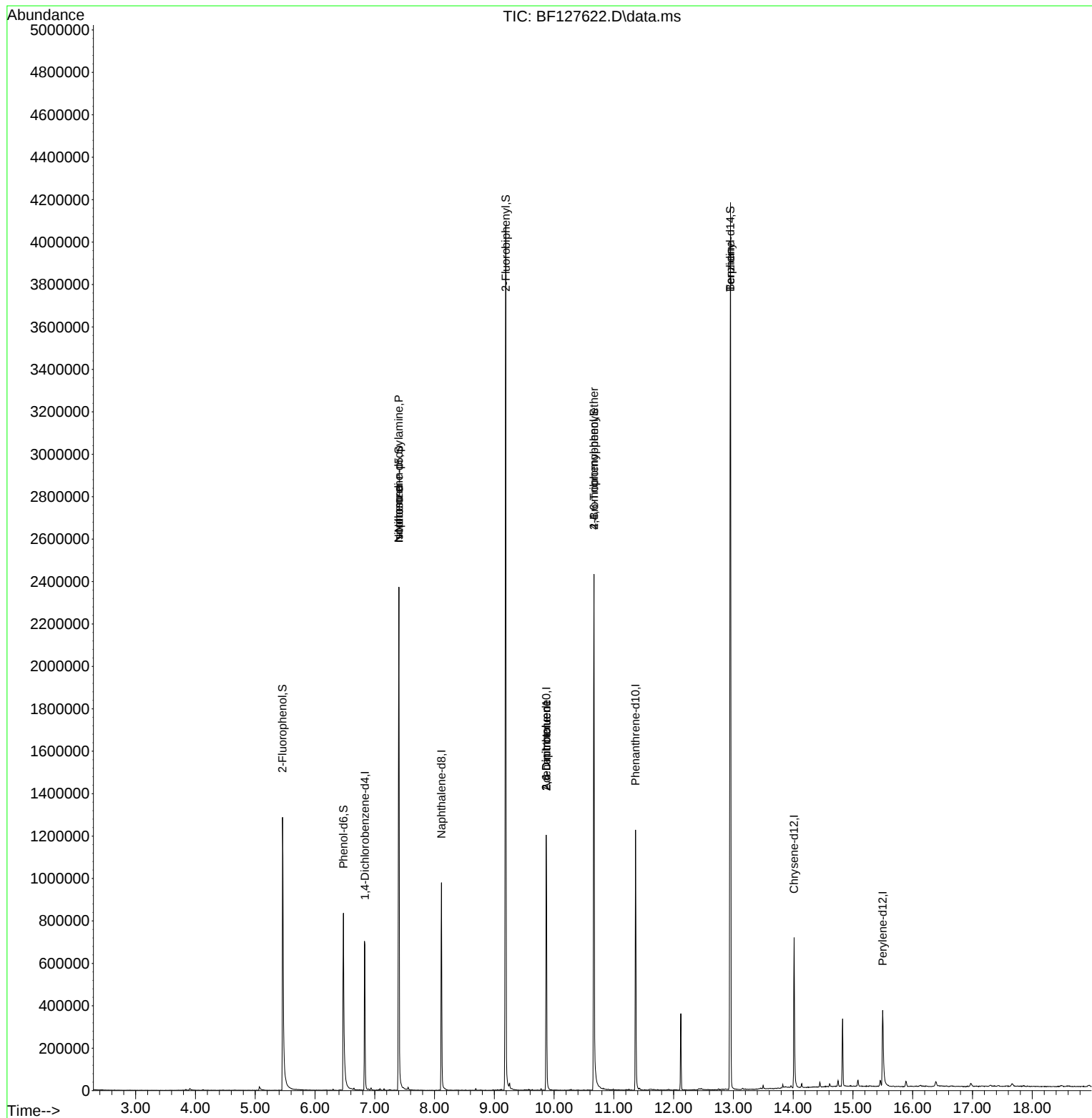
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	108196	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	411224	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	242226	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	438005	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	269525	20.000	ng	0.00
86) Perylene-d12	15.498	264	205016	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	404356	59.655	ng	0.00
7) Phenol-d6	6.475	99	350193	37.796	ng	0.00
23) Nitrobenzene-d5	7.404	82	813045	84.514	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	304610	118.051	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1349775	81.370	ng	0.00
79) Terphenyl-d14	12.951	244	1590285	96.589	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.475	77	591	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	109805	19.771	ng	# 78
25) Isophorone	7.404	82	813040	53.063	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	30816	8.712	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	30816	6.768	ng	# 13
58) Fluorene	10.669	166	11461	Below Cal	#	92
67) 4-Bromophenyl-phenylether	10.669	248	19515	3.816	ng	# 1
77) Benzidine	12.951	184	19864	3.091	ng	# 89

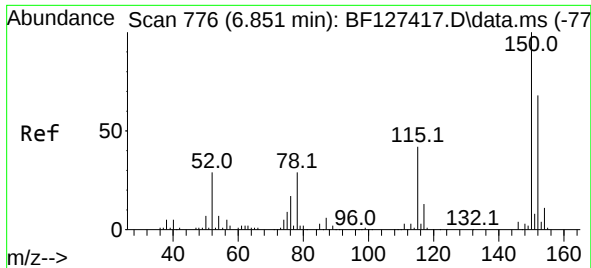
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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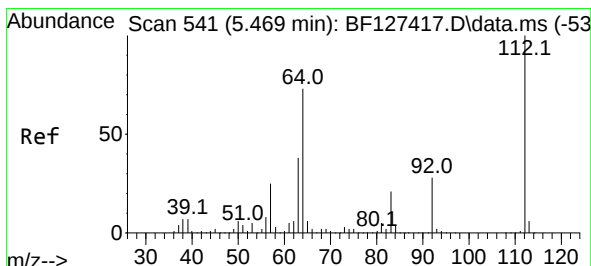
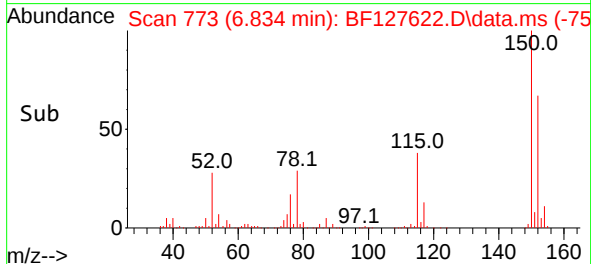
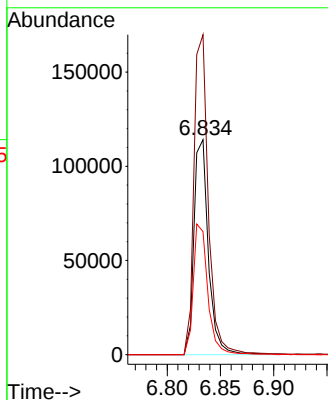
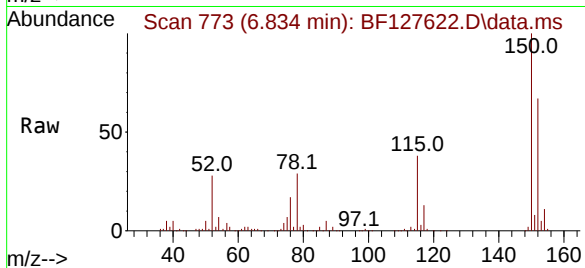




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127622.D
Acq: 01 Apr 2022 20:01

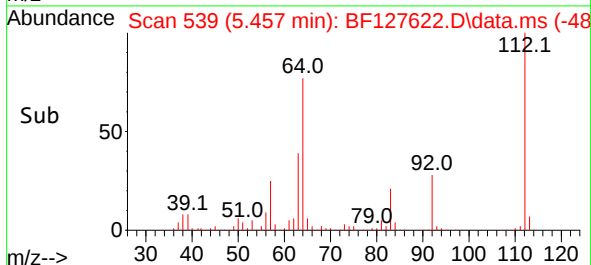
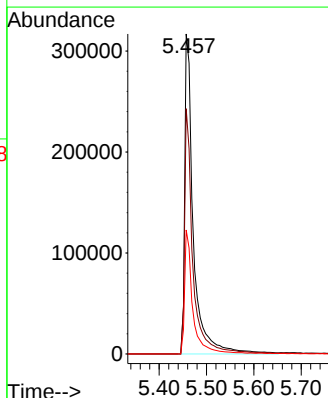
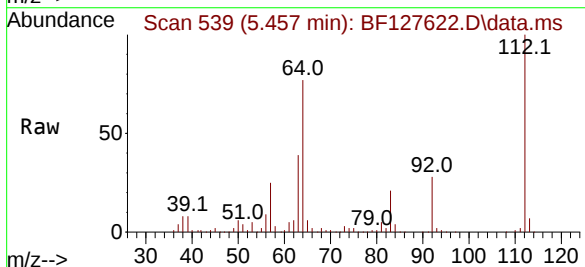
Instrument :
BNA_F
ClientSampleId :
DEWATERING-EFFLUENT-033022

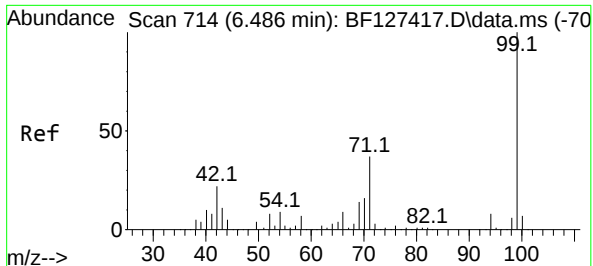
Tgt Ion:152 Resp: 108196
Ion Ratio Lower Upper
152 100
150 148.8 117.2 175.8
115 57.2 49.8 74.6



#5
2-Fluorophenol
Concen: 59.655 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.000 min
Lab File: BF127622.D
Acq: 01 Apr 2022 20:01

Tgt Ion:112 Resp: 404356
Ion Ratio Lower Upper
112 100
64 76.7 58.4 87.6
63 38.7 30.1 45.1

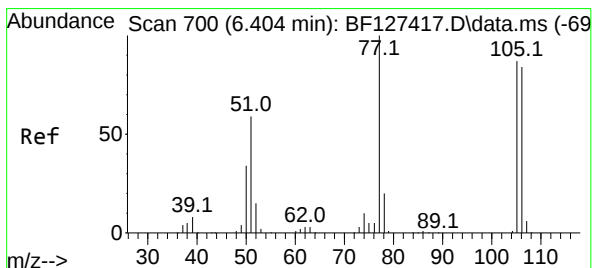
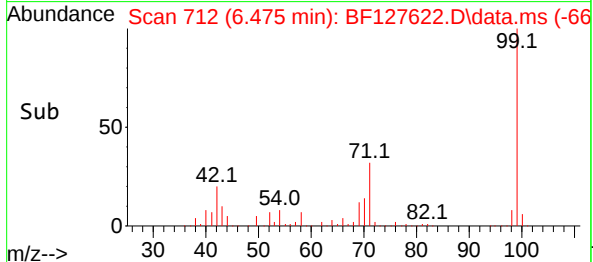
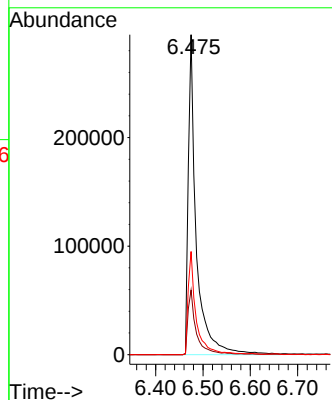
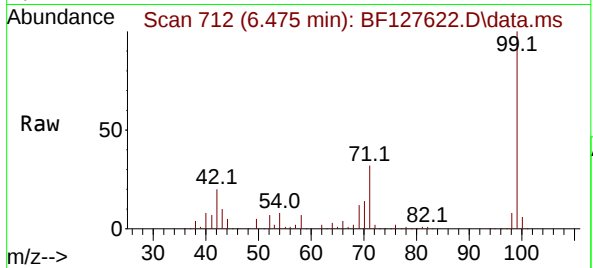




#7
Phenol-d6
Concen: 37.796 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF127622.D
Acq: 01 Apr 2022 20:01

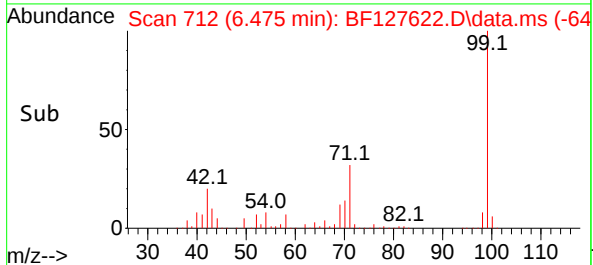
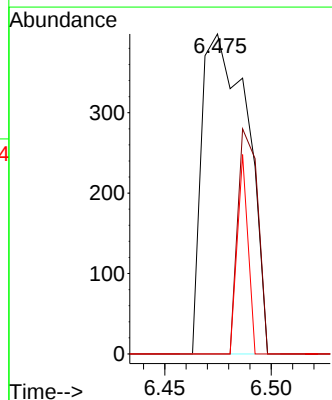
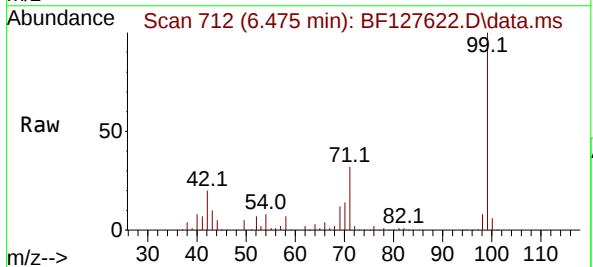
Instrument :
BNA_F
ClientSampleId :
DEWATERING-EFFLUENT-033022

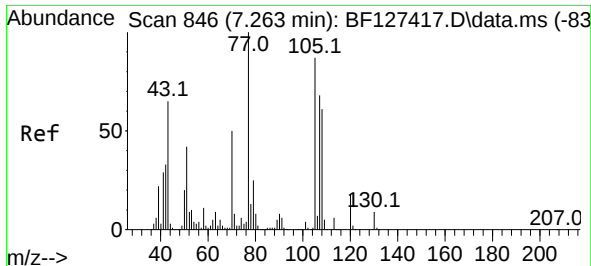
Tgt Ion: 99 Resp: 350193
Ion Ratio Lower Upper
99 100
42 20.2 17.8 26.6
71 32.2 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.475 min Scan# 712
Delta R.T. 0.082 min
Lab File: BF127622.D
Acq: 01 Apr 2022 20:01

Tgt Ion: 77 Resp: 591
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 19.771 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127622.D

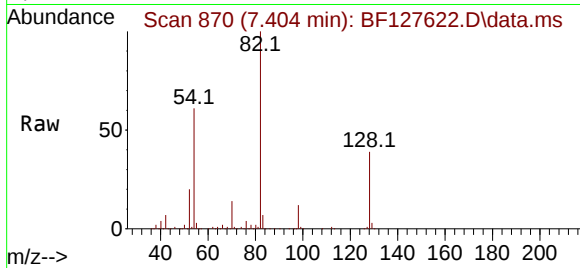
Acq: 01 Apr 2022 20:01

Instrument :

BNA_F

ClientSampleId :

DEWATERING-EFFLUENT-033022



Tgt Ion: 70 Resp: 109805

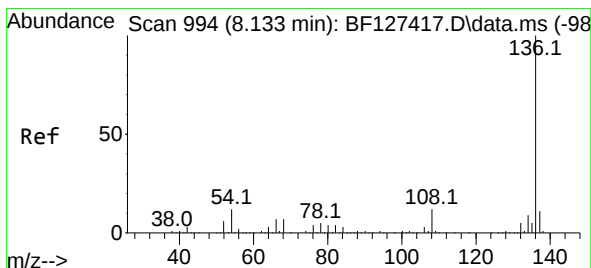
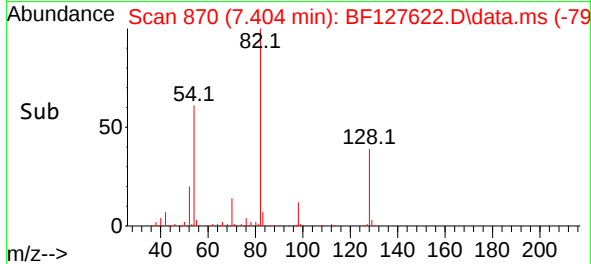
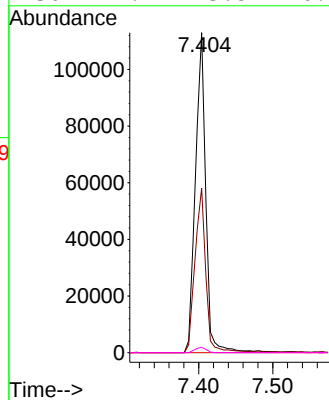
Ion Ratio Lower Upper

70 100

42 51.4 53.0 79.6#

101 0.0 6.8 10.2#

130 1.7 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF127622.D

Acq: 01 Apr 2022 20:01

Tgt Ion: 136 Resp: 411224

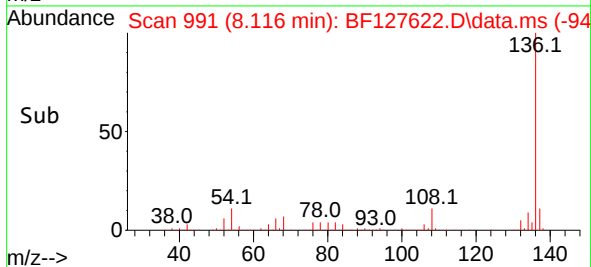
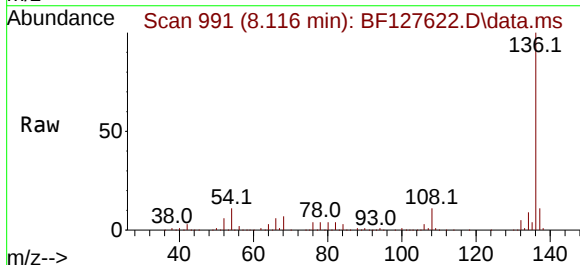
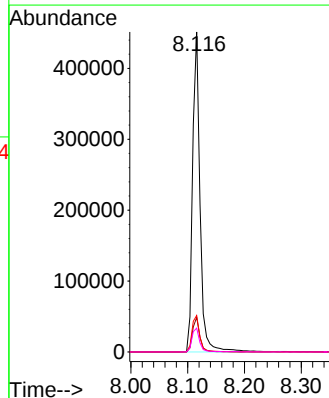
Ion Ratio Lower Upper

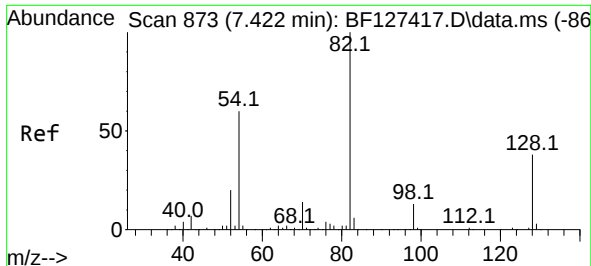
136 100

137 10.8 8.6 13.0

54 11.4 9.2 13.8

68 7.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 84.514 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127622.D

Acq: 01 Apr 2022 20:01

Instrument :

BNA_F

ClientSampleId :

DEWATERING-EFFLUENT-033022

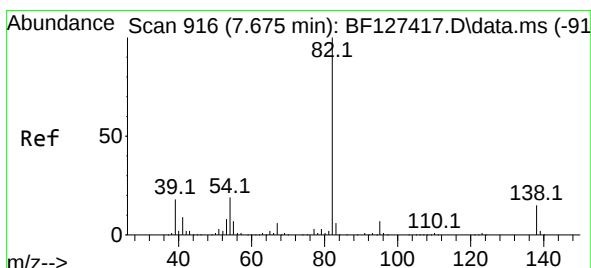
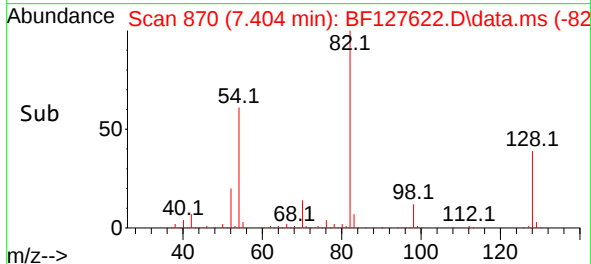
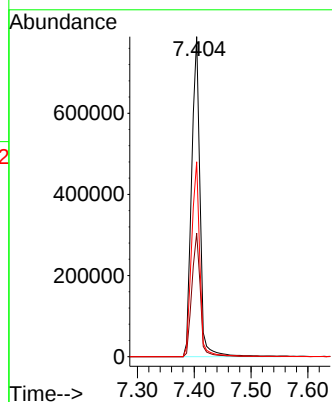
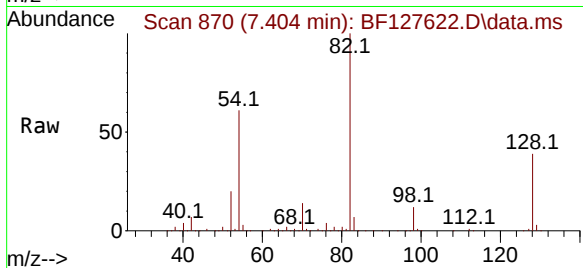
Tgt Ion: 82 Resp: 813045

Ion Ratio Lower Upper

82 100

128 38.6 30.6 45.8

54 60.9 48.2 72.2



#25

Isophorone

Concen: 53.063 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.259 min

Lab File: BF127622.D

Acq: 01 Apr 2022 20:01

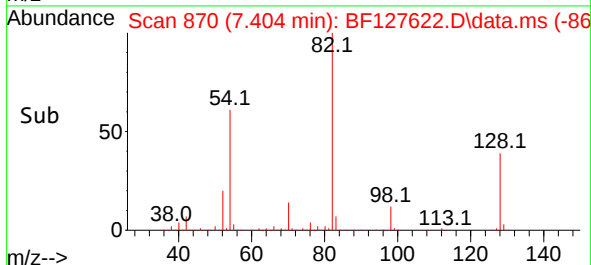
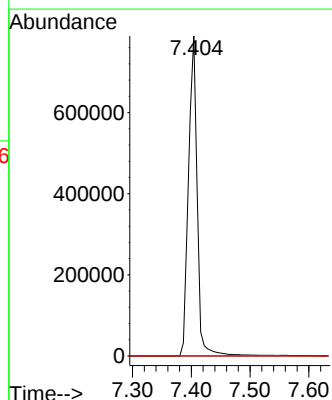
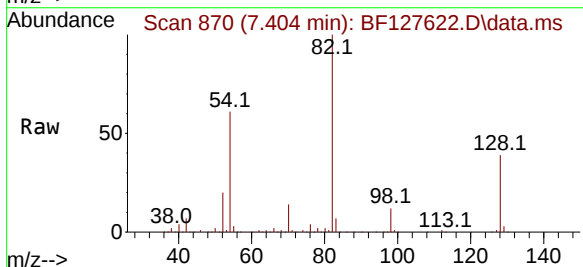
Tgt Ion: 82 Resp: 813040

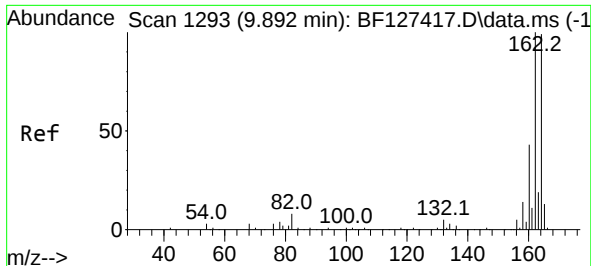
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF127622.D

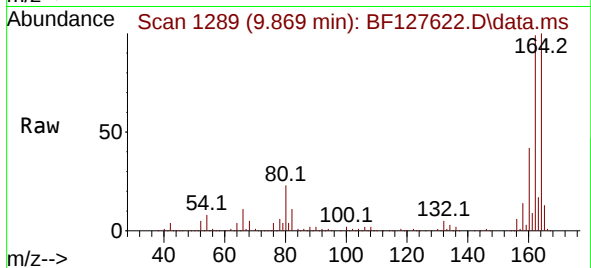
Acq: 01 Apr 2022 20:01

Instrument :

BNA_F

ClientSampleId :

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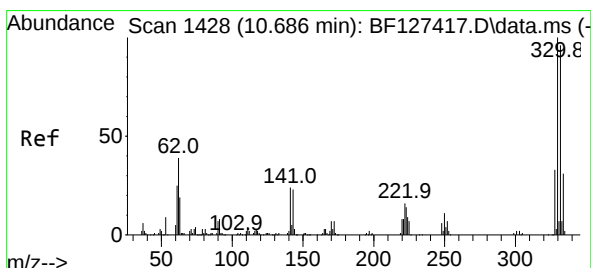
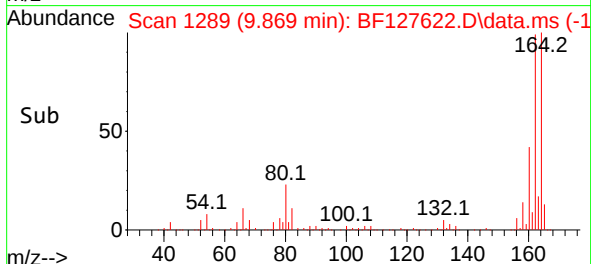
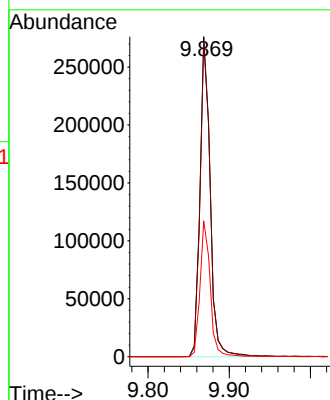
Tgt Ion:164 Resp: 242226

Ion Ratio Lower Upper

164 100

162 98.6 81.2 121.8

160 42.5 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 118.051 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF127622.D

Acq: 01 Apr 2022 20:01

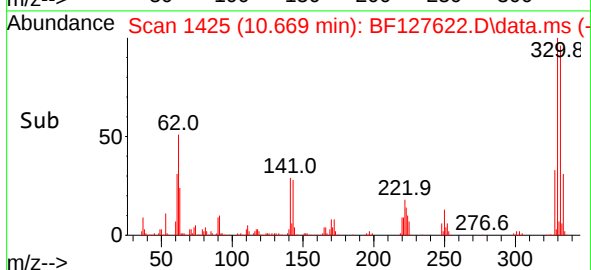
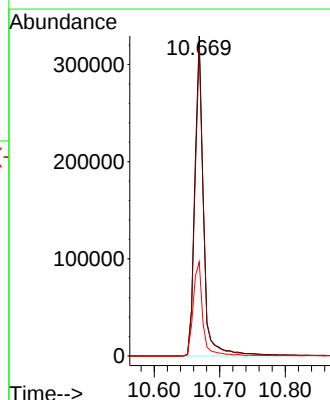
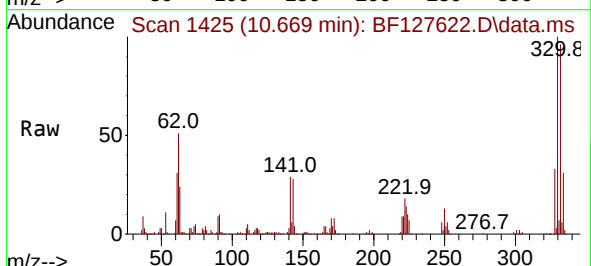
Tgt Ion:330 Resp: 304610

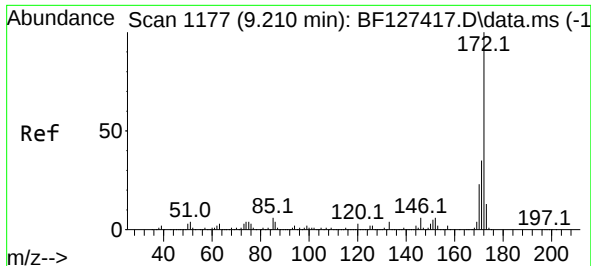
Ion Ratio Lower Upper

330 100

332 97.7 79.1 118.7

141 32.9 26.2 39.4

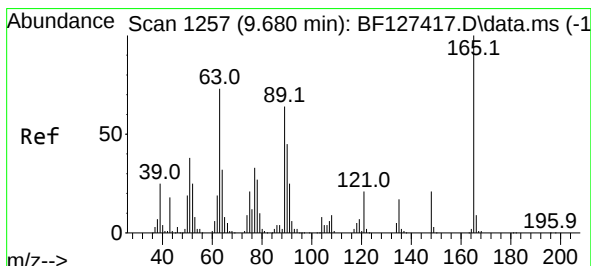
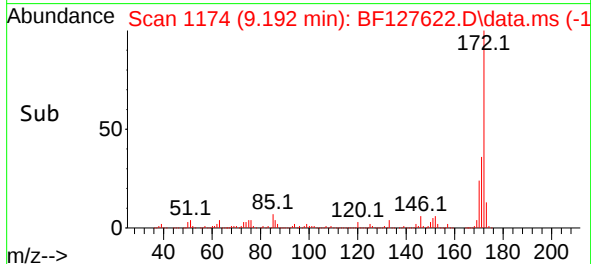
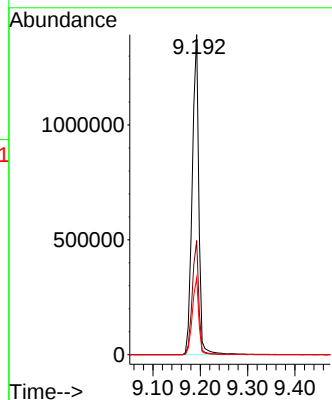
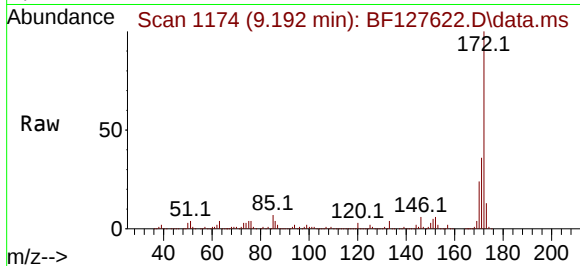




#45
2-Fluorobiphenyl
Concen: 81.370 ng
RT: 9.192 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF127622.D
Acq: 01 Apr 2022 20:01

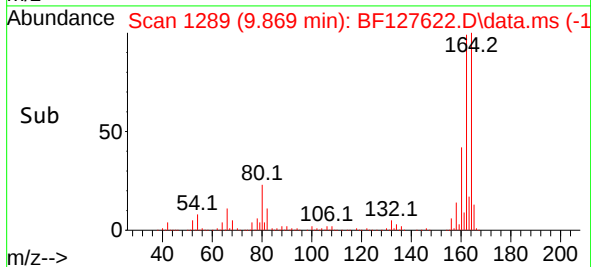
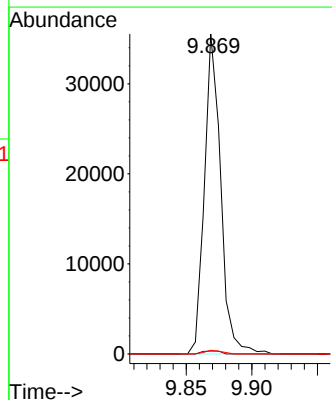
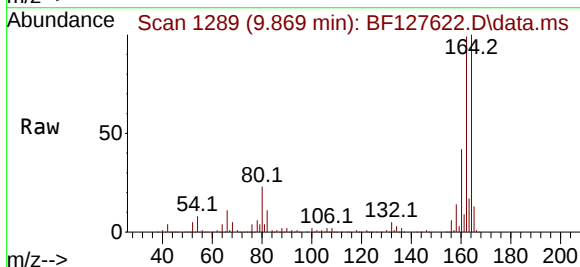
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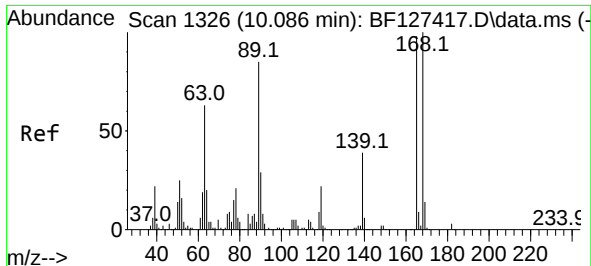
Tgt Ion:172 Resp: 1349775
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 24.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.712 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127622.D
Acq: 01 Apr 2022 20:01

Tgt Ion:165 Resp: 30816
Ion Ratio Lower Upper
165 100
63 0.9 58.3 87.5#
89 1.1 51.5 77.3#

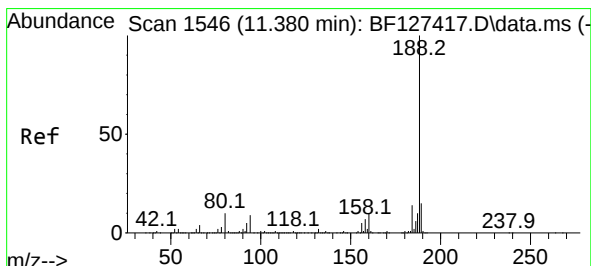
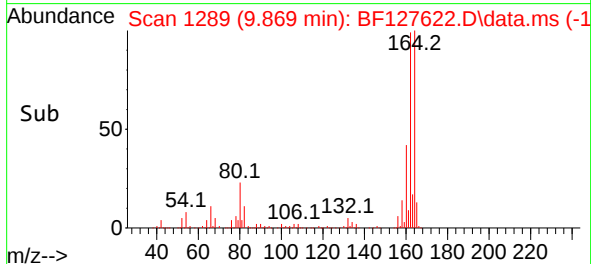
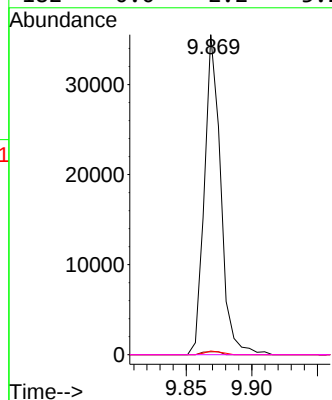
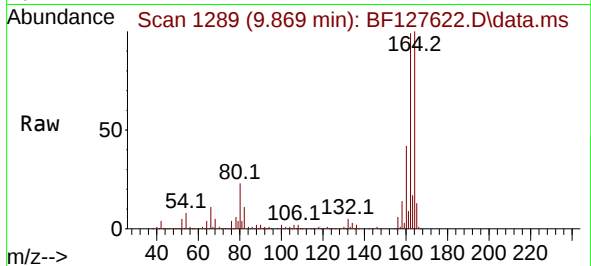




#57
2,4-Dinitrotoluene
Concen: 6.768 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127622.D
Acq: 01 Apr 2022 20:01

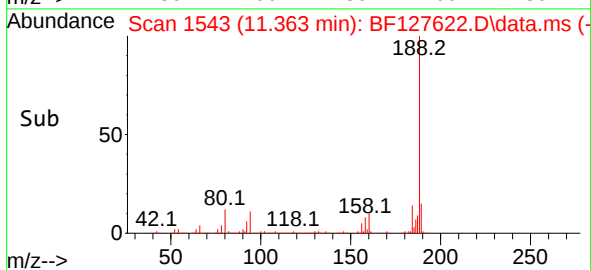
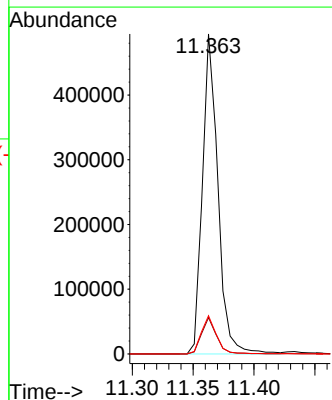
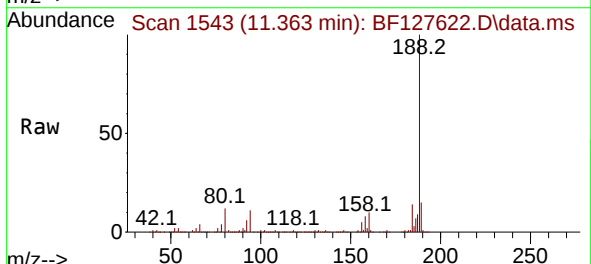
Instrument :
BNA_F
ClientSampleId :
DEWATERING-EFFLUENT-033022

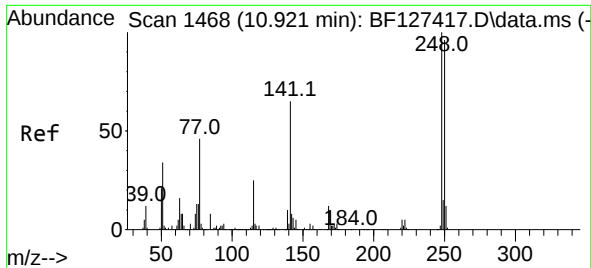
Tgt Ion:165 Resp: 30816
Ion Ratio Lower Upper
165 100
63 0.9 53.1 79.7#
89 1.1 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127622.D
Acq: 01 Apr 2022 20:01

Tgt Ion:188 Resp: 438005
Ion Ratio Lower Upper
188 100
94 11.4 7.4 11.0#
80 12.0 8.0 12.0

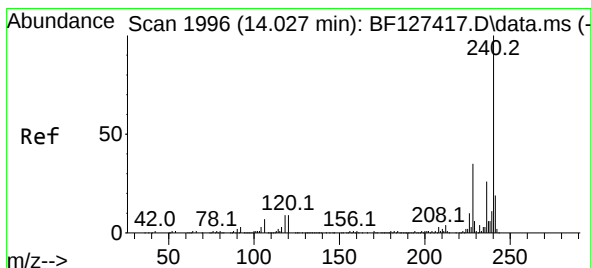
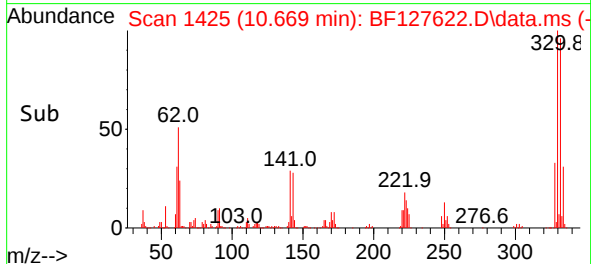
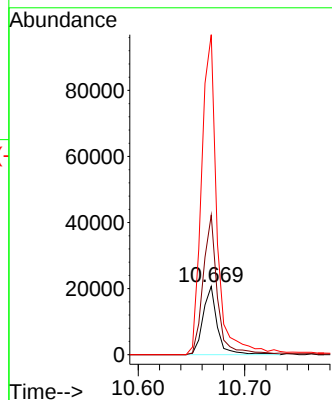
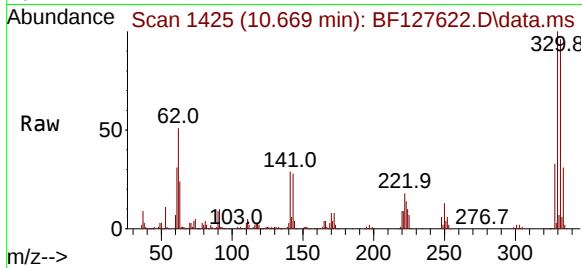




#67
4-Bromophenyl-phenylether
Concen: 3.816 ng
RT: 10.669 min Scan# 1468
Delta R.T. -0.235 min
Lab File: BF127622.D
Acq: 01 Apr 2022 20:01

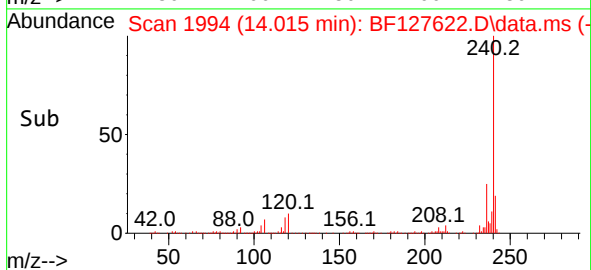
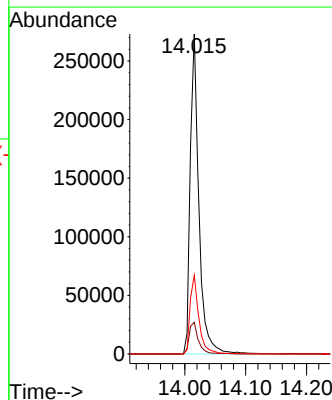
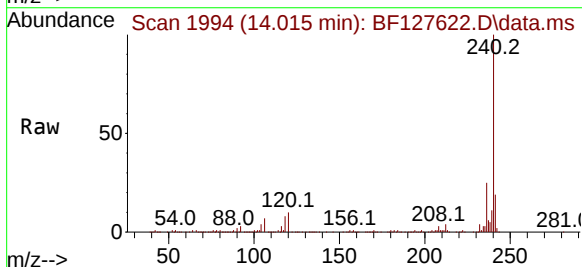
Instrument :
BNA_F
ClientSampleId :
DEWATERING-EFFLUENT-033022

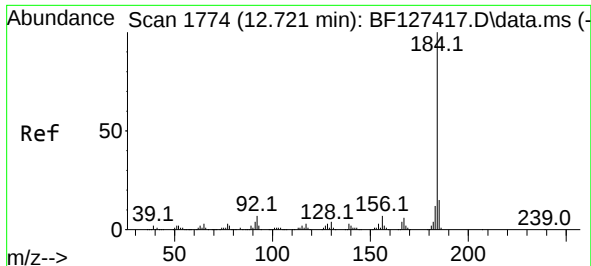
Tgt Ion:248 Resp: 19515
Ion Ratio Lower Upper
248 100
250 204.2 76.6 115.0#
141 468.4 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127622.D
Acq: 01 Apr 2022 20:01

Tgt Ion:240 Resp: 269525
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 24.6 20.7 31.1

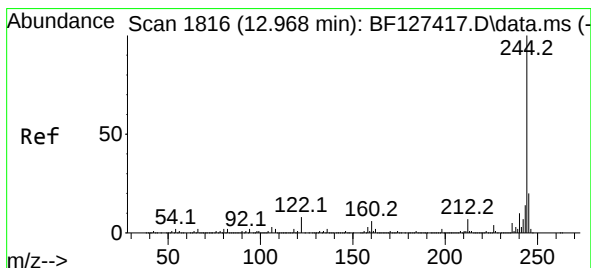
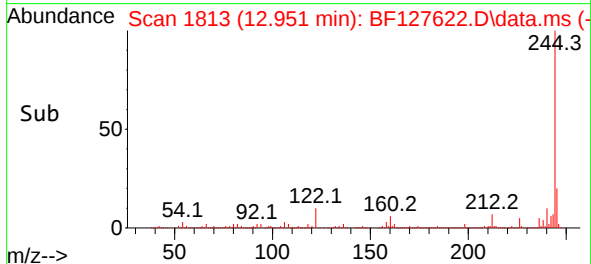
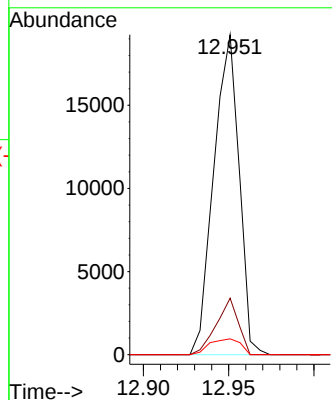
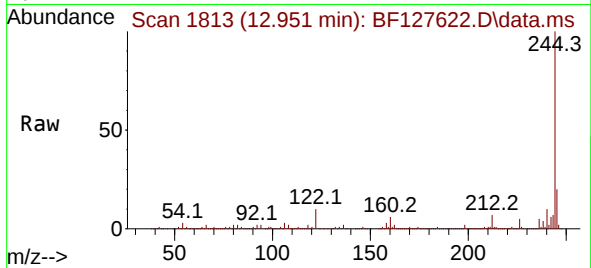




#77
Benzidine
Concen: 3.091 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF127622.D
Acq: 01 Apr 2022 20:01

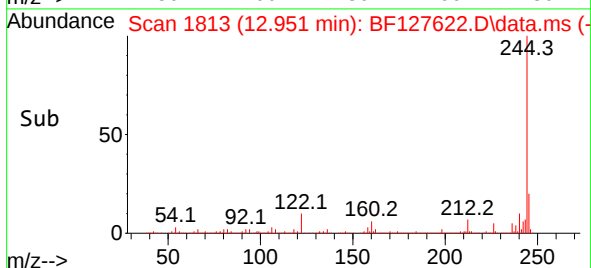
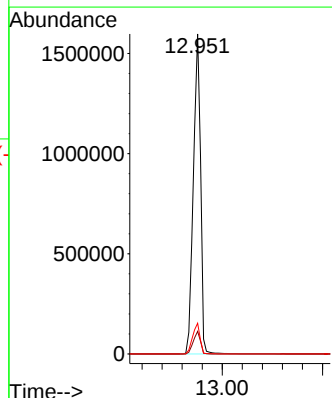
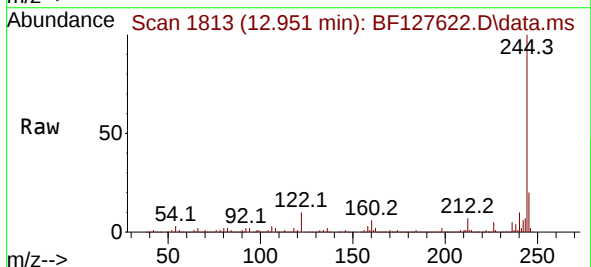
Instrument :
BNA_F
ClientSampleId :
DEWATERING-EFFLUENT-033022

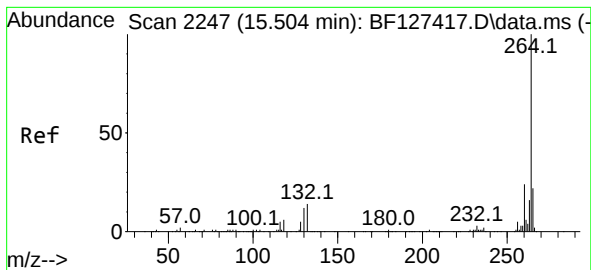
Tgt Ion:184 Resp: 19864
Ion Ratio Lower Upper
184 100
185 17.6 12.2 18.2
183 4.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 96.589 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127622.D
Acq: 01 Apr 2022 20:01

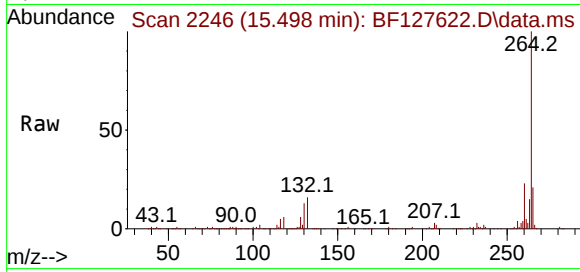
Tgt Ion:244 Resp: 1590285
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.6 6.2 9.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF127622.D
 Acq: 01 Apr 2022 20:01

Instrument :
 BNA_F
 ClientSampleId :
 DEWATERING-EFFLUENT-033022



Tgt Ion:264 Resp: 205016
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.1 28.7
 265 21.2 17.4 26.2

