

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
 Data File : BF127591.D
 Acq On : 30 Mar 2022 16:46
 Operator : CG\JU
 Sample : N2152-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIT-11-DEWATERING-EFFL-UNTREATED

Quant Time: Mar 31 04:09:47 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)

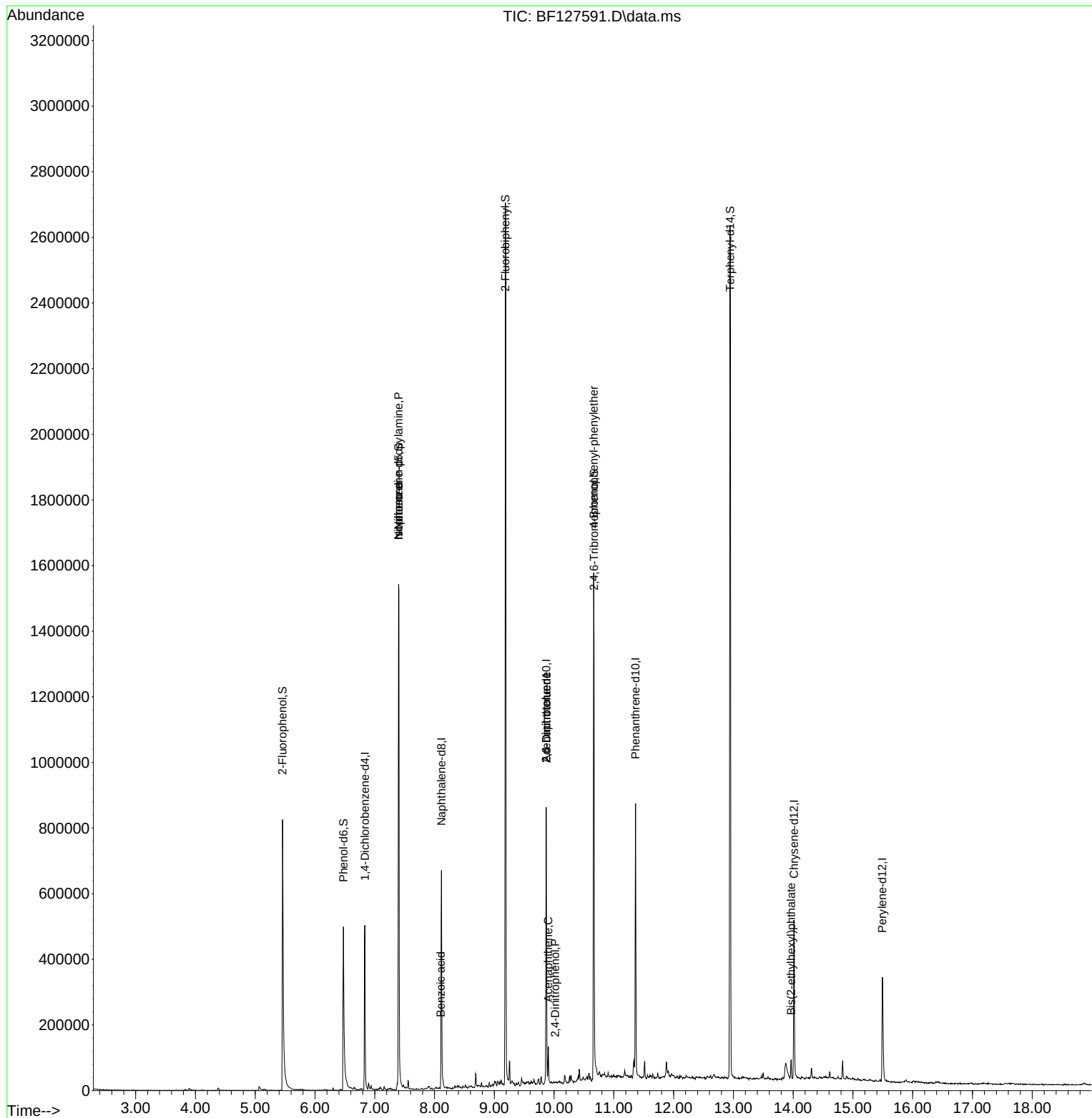
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	73473	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	275430	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	154380	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	275369	20.000	ng	0.00
76) Chrysene-d12	14.015	240	182530	20.000	ng	0.00
86) Perylene-d12	15.492	264	152269	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	260401	56.573	ng	0.00
7) Phenol-d6	6.475	99	212586	33.788	ng	0.00
23) Nitrobenzene-d5	7.398	82	526046	81.640	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	184636	112.272	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	868648	82.163	ng	0.00
79) Terphenyl-d14	12.945	244	921819	82.673	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	527	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.398	70	69269	18.367	ng	# 83
25) Isophorone	7.398	82	526041	51.258	ng	# 70
32) Benzoic acid	8.104	122	61	6.066	ng	# 29
51) 2,6-Dinitrotoluene	9.869	165	19455	8.630	ng	# 18
52) Acenaphthene	9.904	154	21808	2.693	ng	# 98
54) 2,4-Dinitrophenol	10.016	184	97	8.776	ng	# 34
55) Dibenzofuran	10.080	168	472	Below Cal	#	61
57) 2,4-Dinitrotoluene	9.869	165	19455	6.704	ng	# 14
58) Fluorene	10.422	166	7500	Below Cal		99
67) 4-Bromophenyl-phenylether	10.663	248	12436	3.868	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.968	149	13696	2.298	ng	# 92

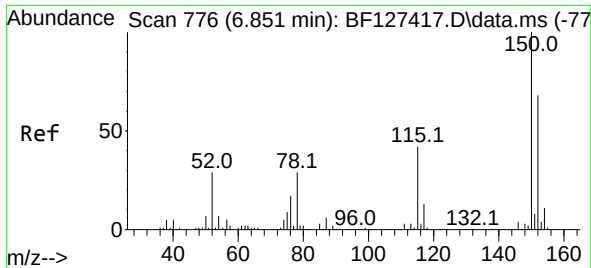
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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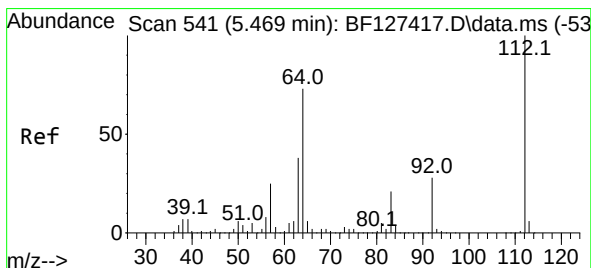
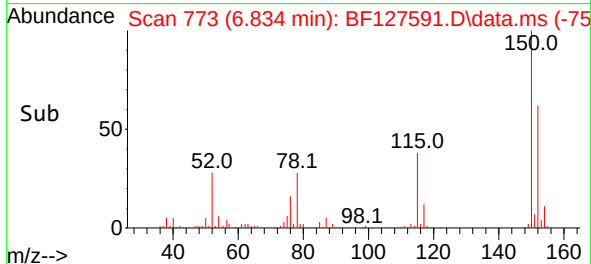
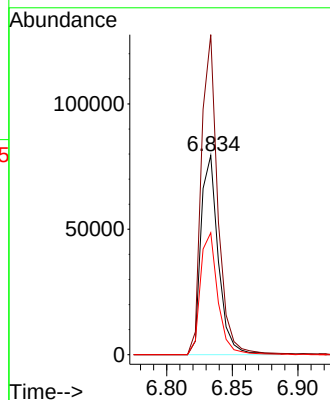
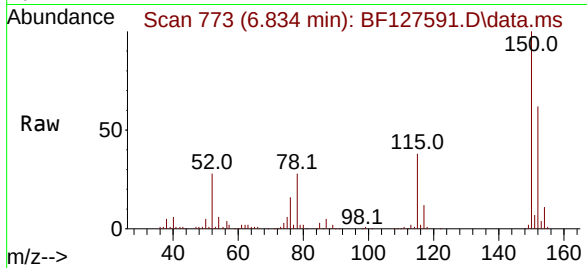




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

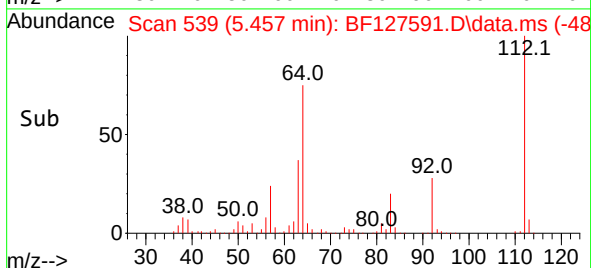
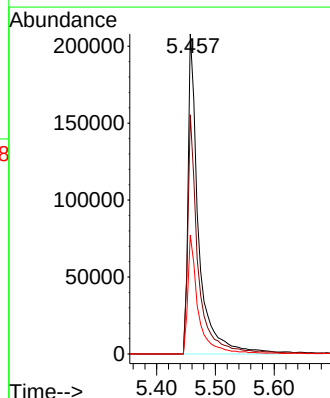
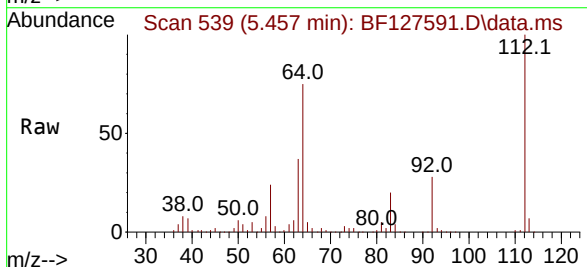
Instrument :
BNA_F
ClientSampleId :
PIT-11-DEWATERING-EFFL-UNTREATED

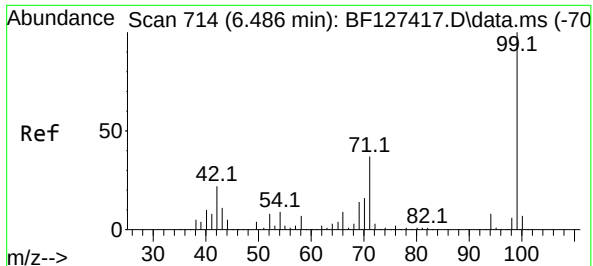
Tgt Ion:152 Resp: 73473
Ion Ratio Lower Upper
152 100
150 160.7 117.2 175.8
115 61.2 49.8 74.6



#5
2-Fluorophenol
Concen: 56.573 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.000 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

Tgt Ion:112 Resp: 260401
Ion Ratio Lower Upper
112 100
64 74.7 58.4 87.6
63 37.1 30.1 45.1

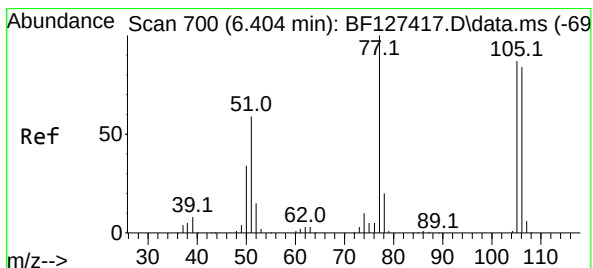
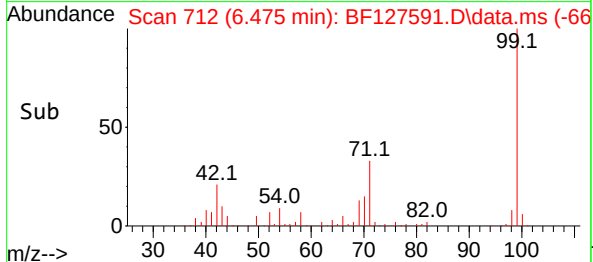
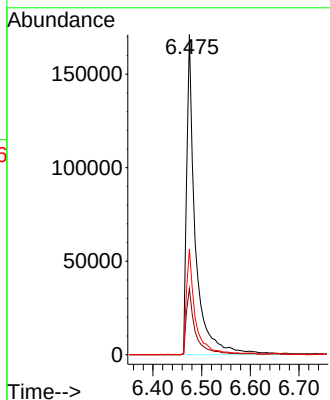
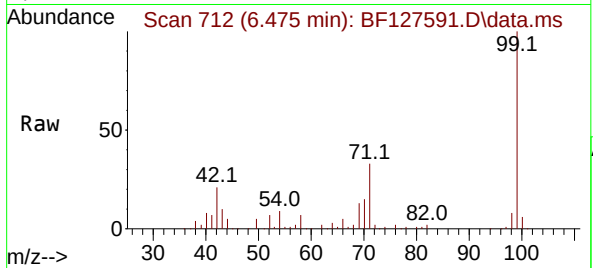




#7
Phenol-d6
Concen: 33.788 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

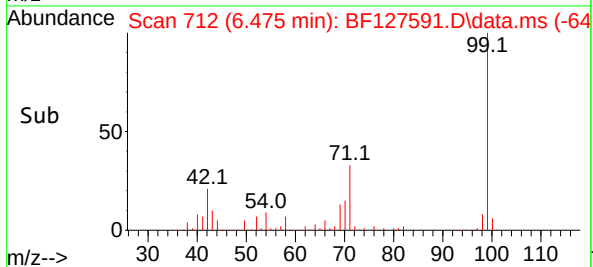
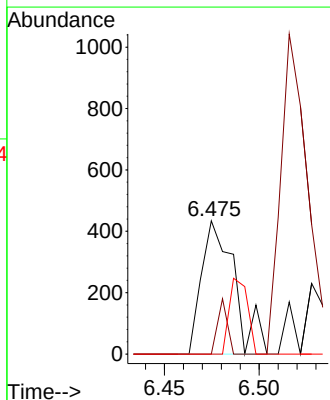
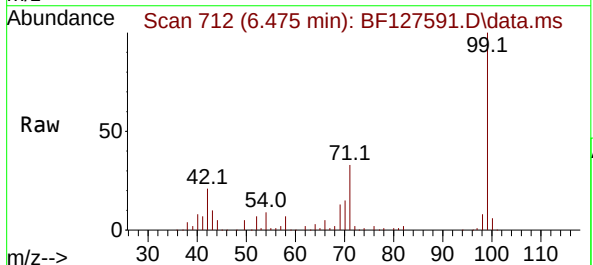
Instrument :
BNA_F
ClientSampleId :
PIT-11-DEWATERING-EFFL-UNTREATED

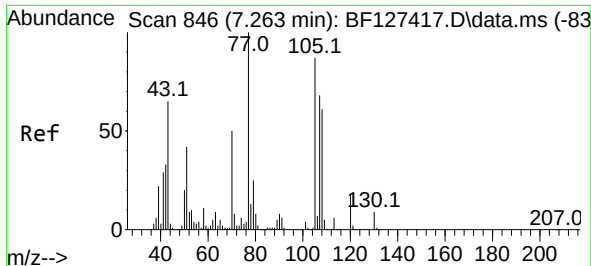
Tgt Ion: 99 Resp: 212586
Ion Ratio Lower Upper
99 100
42 20.6 17.8 26.6
71 32.9 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.475 min Scan# 712
Delta R.T. 0.082 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

Tgt Ion: 77 Resp: 527
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: 18.367 ng

RT: 7.398 min Scan# 80

Delta R.T. 0.147 min

Lab File: BF127591.D

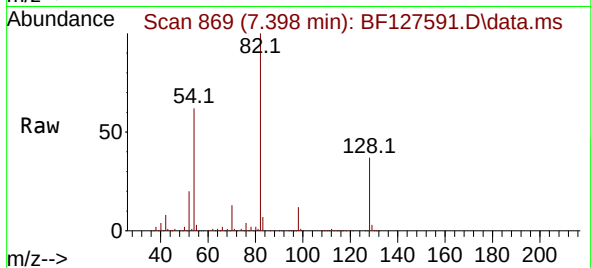
Acq: 30 Mar 2022 16:46

Instrument :

BNA_F

ClientSampleId :

PIT-11-DEWATERING-EFFL-UNTREATED



Tgt Ion: 70 Resp: 69269

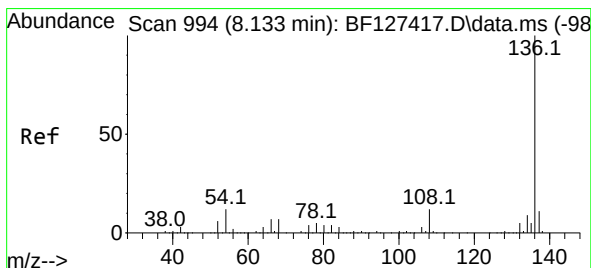
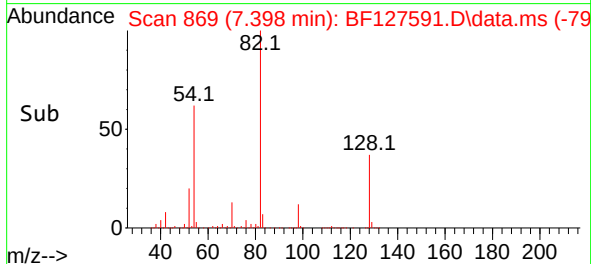
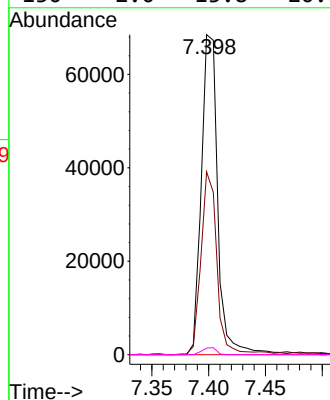
Ion Ratio Lower Upper

70 100

42 57.1 53.0 79.6

101 0.0 6.8 10.2#

130 2.0 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: BF127591.D

Acq: 30 Mar 2022 16:46

Tgt Ion:136 Resp: 275430

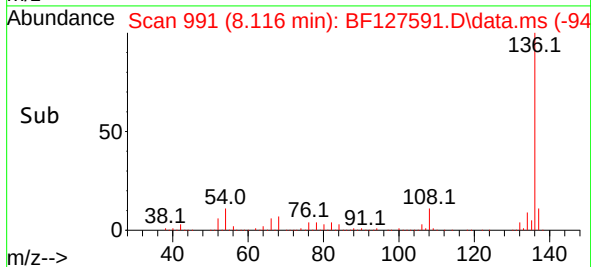
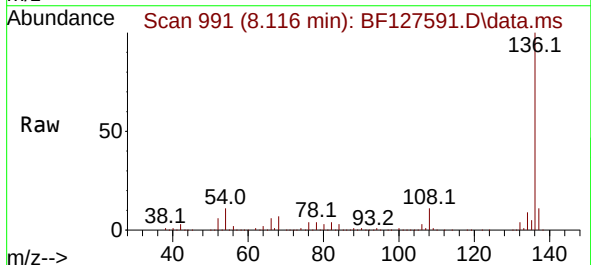
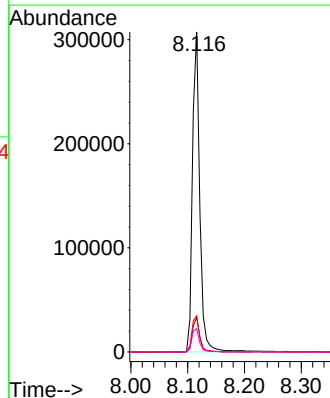
Ion Ratio Lower Upper

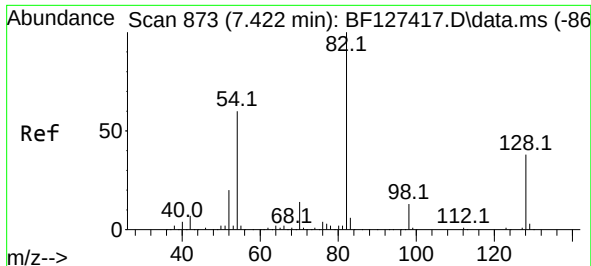
136 100

137 10.8 8.6 13.0

54 11.3 9.2 13.8

68 7.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 81.640 ng

RT: 7.398 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF127591.D

Acq: 30 Mar 2022 16:46

Instrument :

BNA_F

ClientSampleId :

PIT-11-DEWATERING-EFFL-UNTREATED

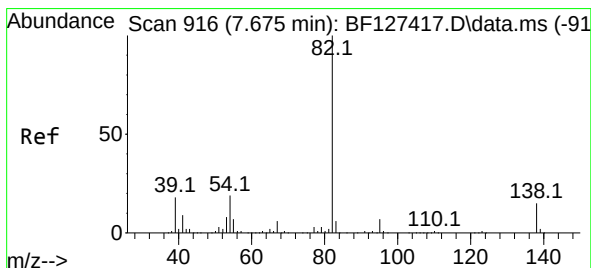
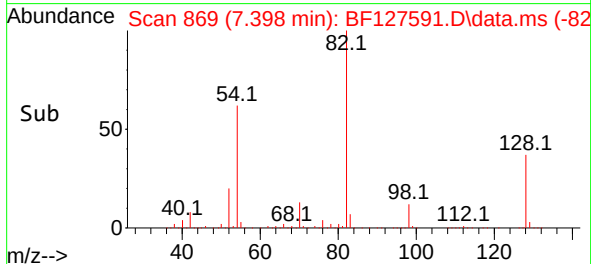
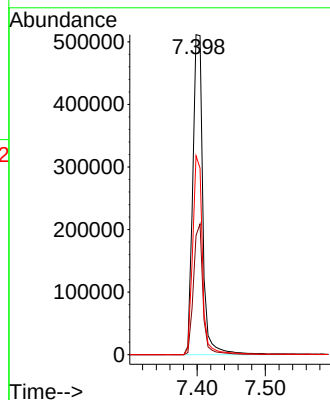
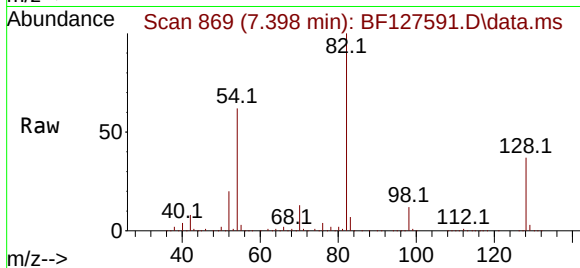
Tgt Ion: 82 Resp: 526046

Ion Ratio Lower Upper

82 100

128 37.2 30.6 45.8

54 62.1 48.2 72.2



#25

Isophorone

Concen: 51.258 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.265 min

Lab File: BF127591.D

Acq: 30 Mar 2022 16:46

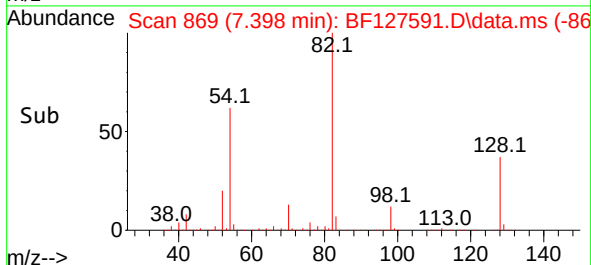
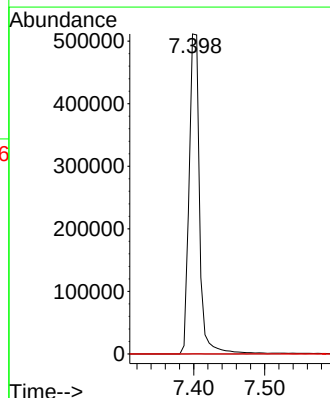
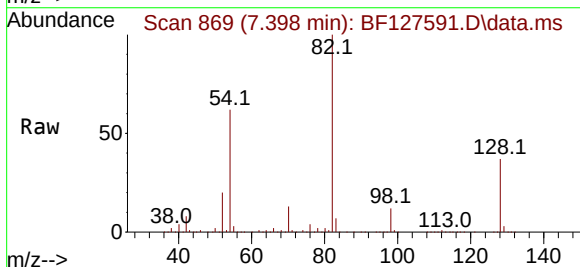
Tgt Ion: 82 Resp: 526041

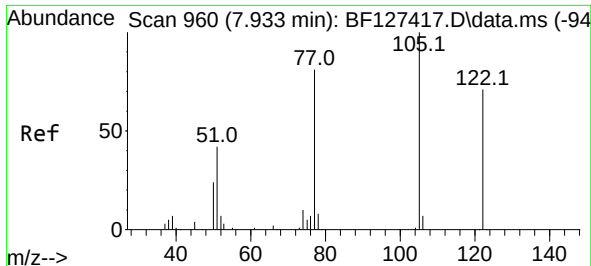
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

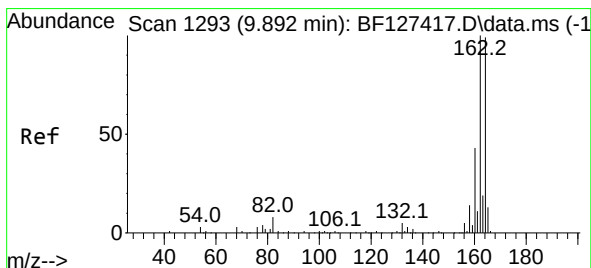
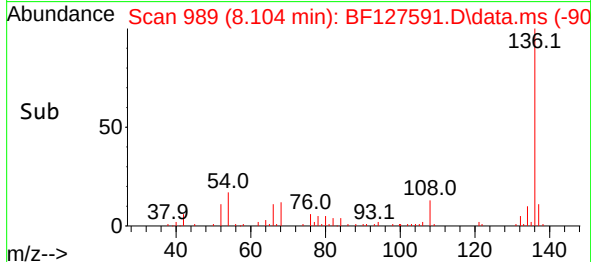
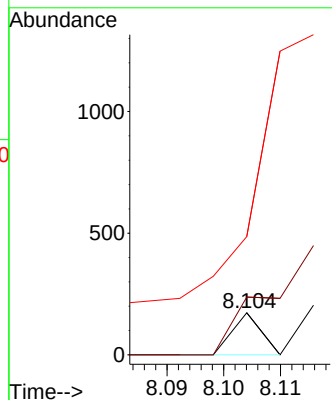
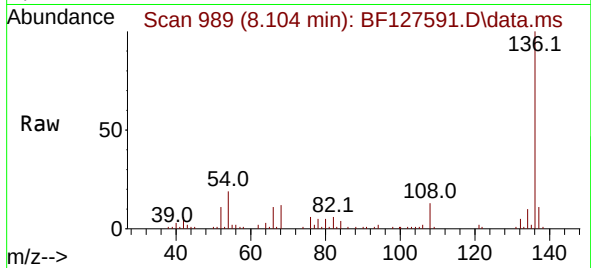




#32
Benzoic acid
Concen: 6.066 ng
RT: 8.104 min Scan# 91
Delta R.T. 0.176 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

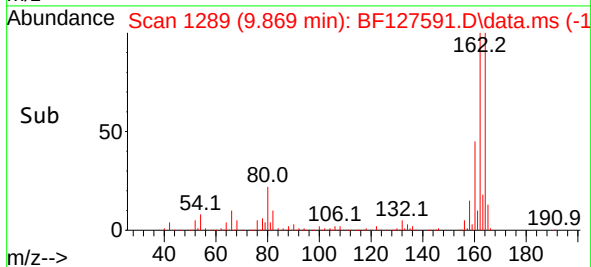
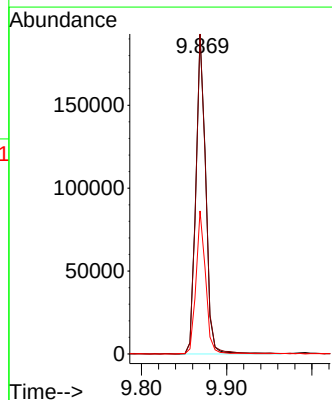
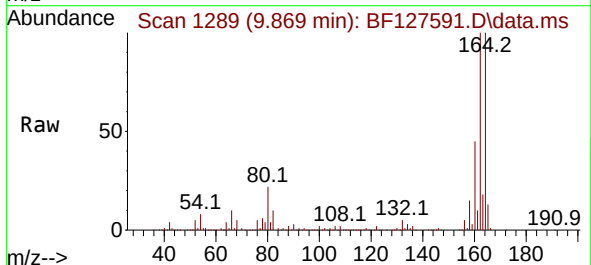
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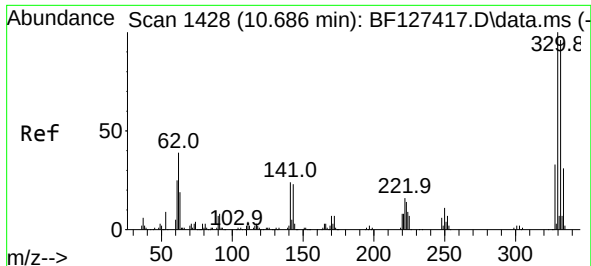
Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 137.0 117.1 157.1
77 280.9 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

Tgt Ion:164 Resp: 154380
Ion Ratio Lower Upper
164 100
162 100.2 81.2 121.8
160 44.8 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 112.272 ng

RT: 10.669 min Scan# 1428

Delta R.T. 0.000 min

Lab File: BF127591.D

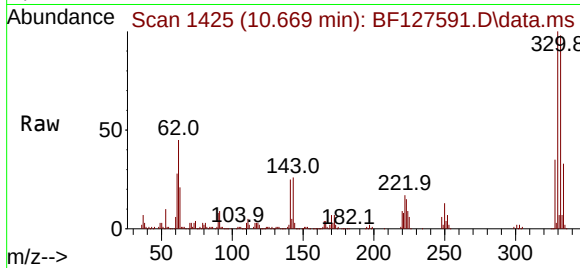
Acq: 30 Mar 2022 16:46

Instrument :

BNA_F

ClientSampleId :

PIT-11-DEWATERING-EFFL-UNTREATED



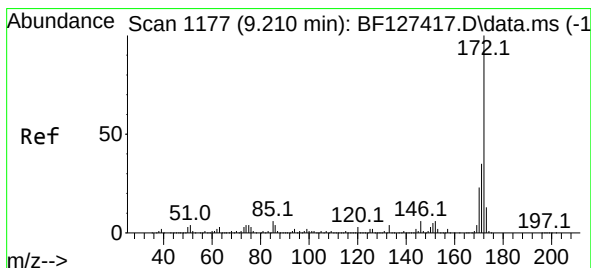
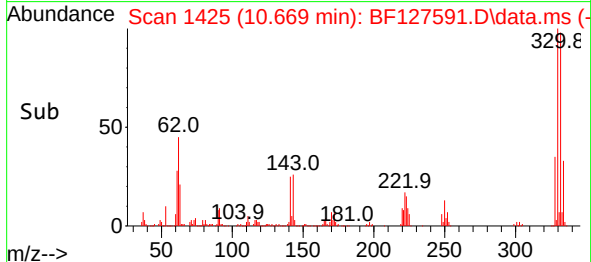
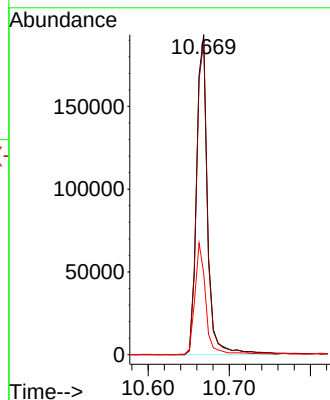
Tgt Ion:330 Resp: 184636

Ion Ratio Lower Upper

330 100

332 97.7 79.1 118.7

141 34.8 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 82.163 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF127591.D

Acq: 30 Mar 2022 16:46

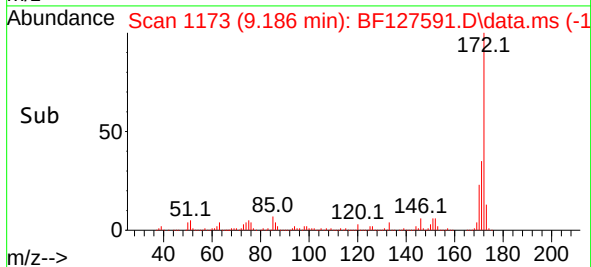
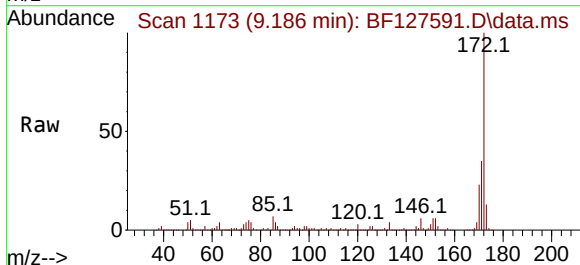
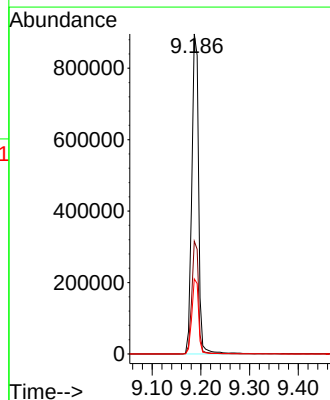
Tgt Ion:172 Resp: 868648

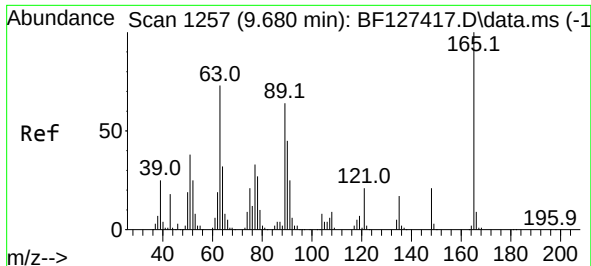
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.4 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 8.630 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF127591.D

Acq: 30 Mar 2022 16:46

Instrument :

BNA_F

ClientSampleId :

PIT-11-DEWATERING-EFFL-UNTREATED

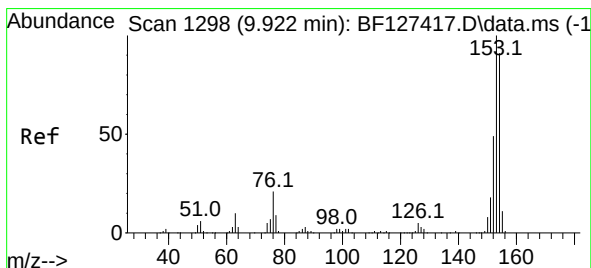
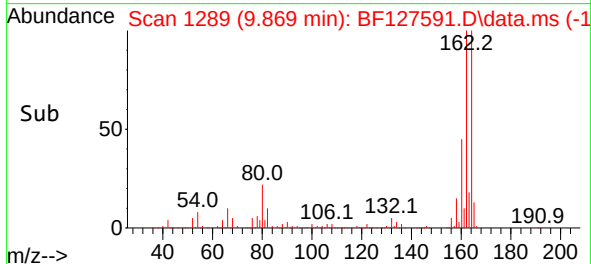
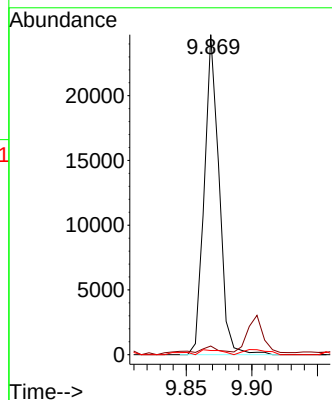
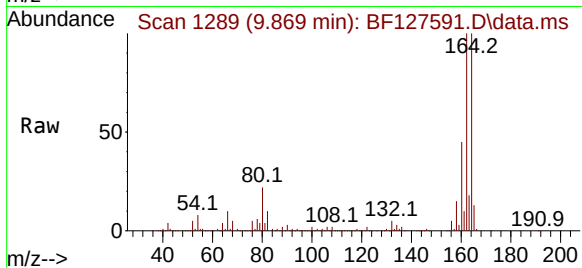
Tgt Ion:165 Resp: 19455

Ion Ratio Lower Upper

165 100

63 2.7 58.3 87.5#

89 1.3 51.5 77.3#



#52

Acenaphthene

Concen: 2.693 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.006 min

Lab File: BF127591.D

Acq: 30 Mar 2022 16:46

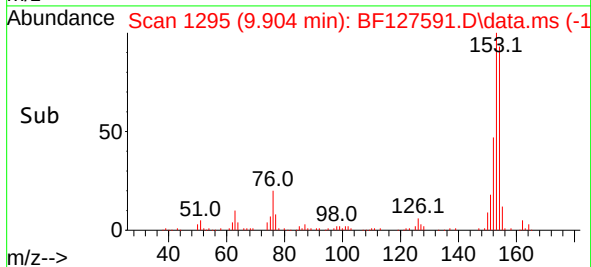
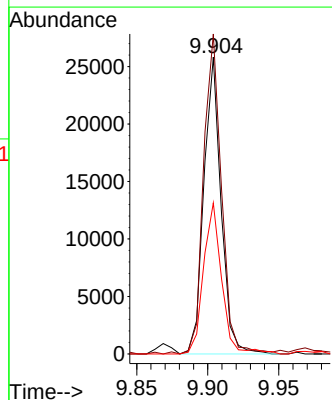
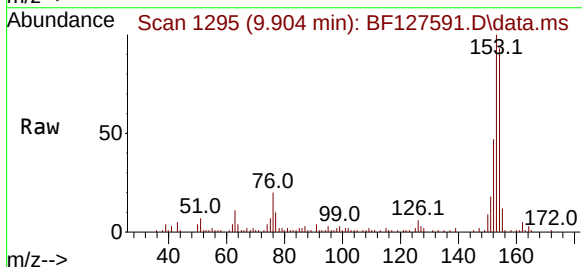
Tgt Ion:154 Resp: 21808

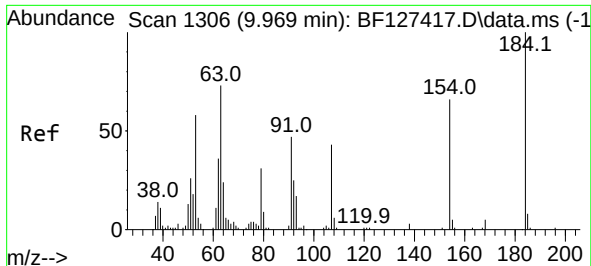
Ion Ratio Lower Upper

154 100

153 107.8 87.6 131.4

152 50.9 42.9 64.3

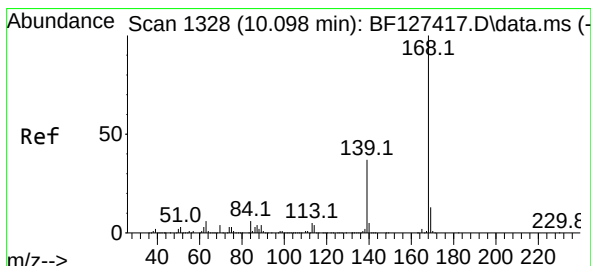
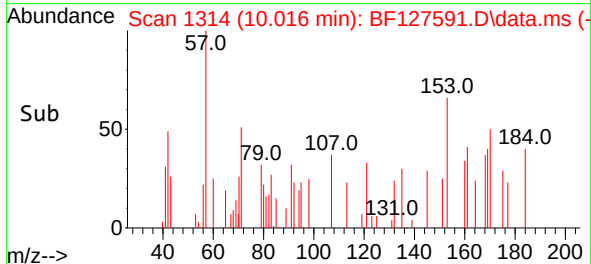
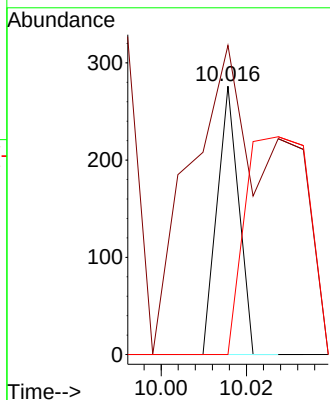
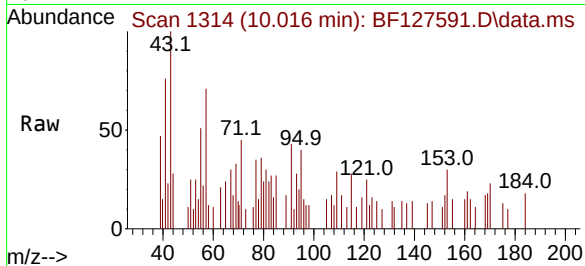




#54
2,4-Dinitrophenol
Concen: 8.776 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

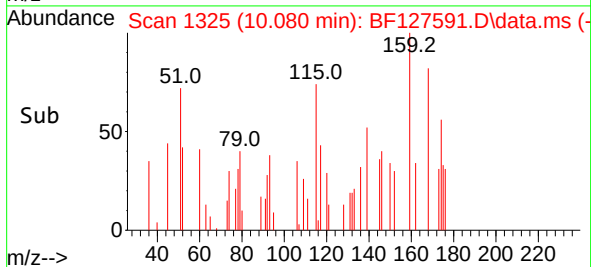
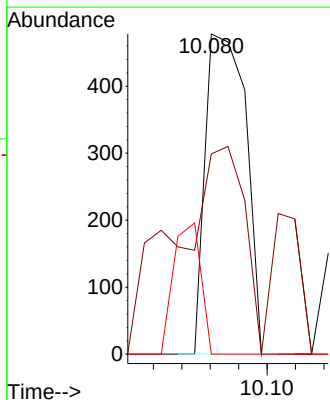
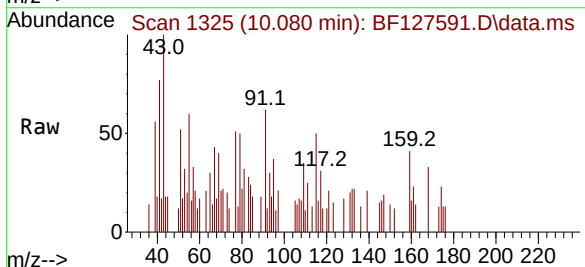
Instrument :
BNA_F
ClientSampleId :
PIT-11-DEWATERING-EFFL-UNTREATED

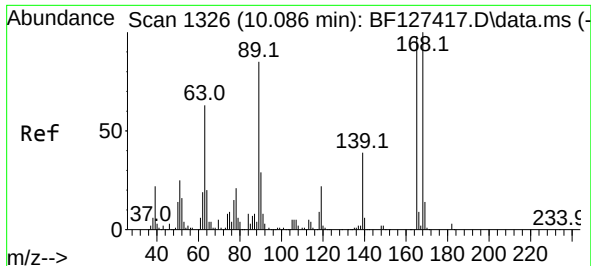
Tgt Ion:184 Resp: 97
Ion Ratio Lower Upper
184 100
63 115.2 58.1 87.1#
154 0.0 53.2 79.8#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.080 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

Tgt Ion:168 Resp: 472
Ion Ratio Lower Upper
168 100
139 62.6 30.3 45.5#
169 0.0 10.8 16.2#

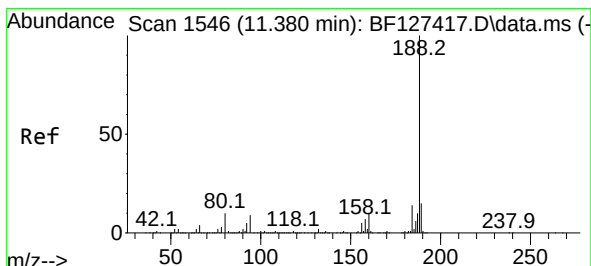
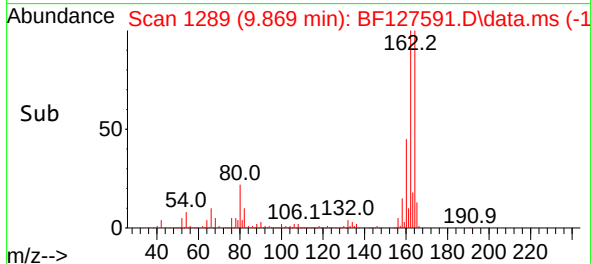
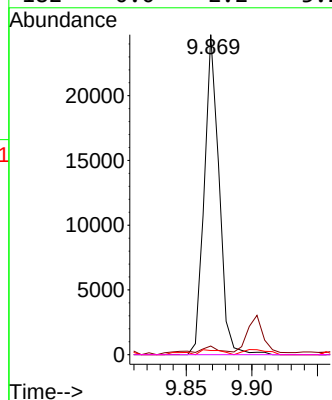
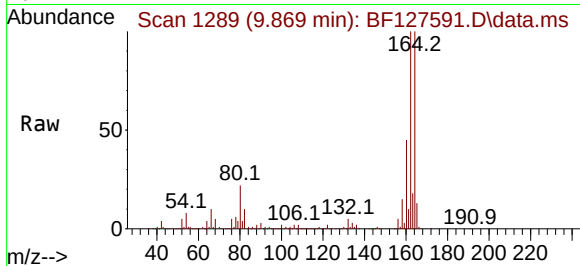




#57
2,4-Dinitrotoluene
Concen: 6.704 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

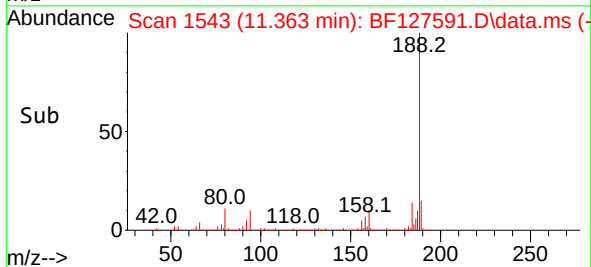
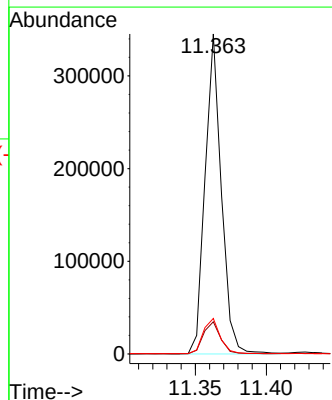
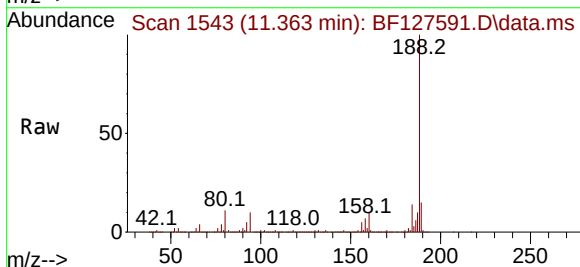
Instrument :
BNA_F
ClientSampleId :
PIT-11-DEWATERING-EFFL-UNTREATED

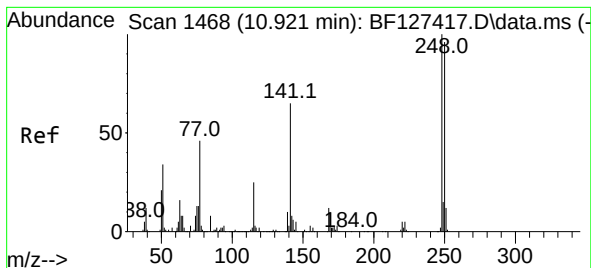
Tgt Ion:165 Resp: 19455
Ion Ratio Lower Upper
165 100
63 2.7 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

Tgt Ion:188 Resp: 275369
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.0
80 11.1 8.0 12.0

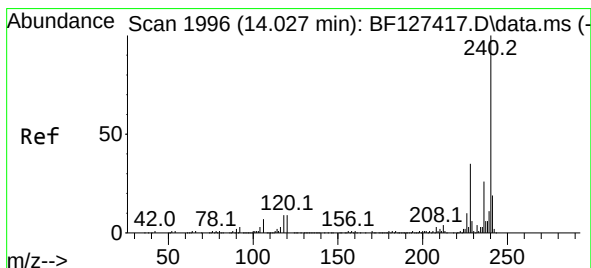
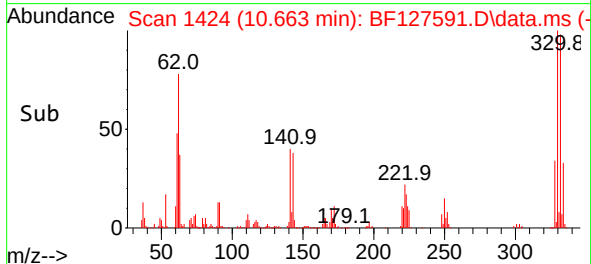
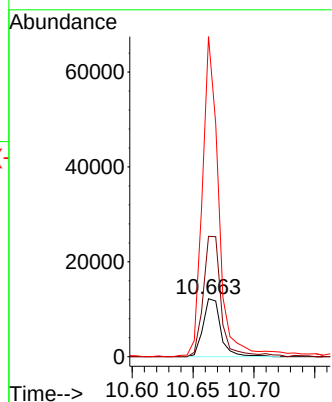
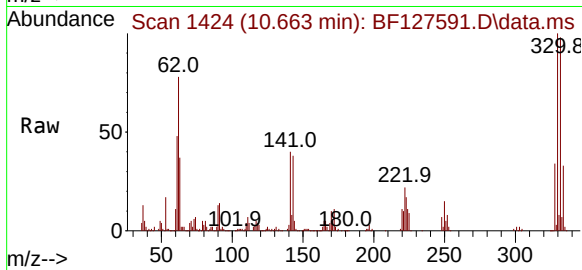




#67
4-Bromophenyl-phenylether
Concen: 3.868 ng
RT: 10.663 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

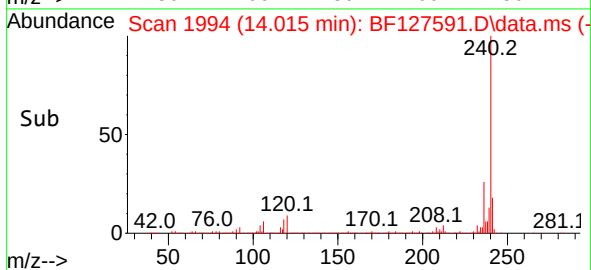
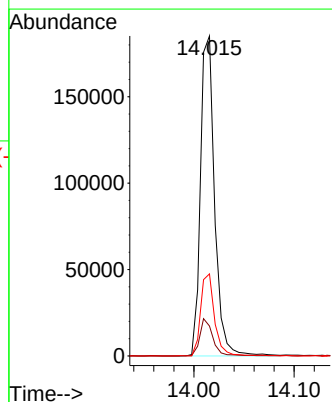
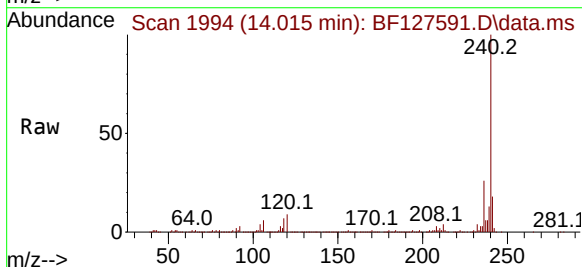
Instrument : BNA_F
ClientSampleId : PIT-11-DEWATERING-EFFL-UNTREATED

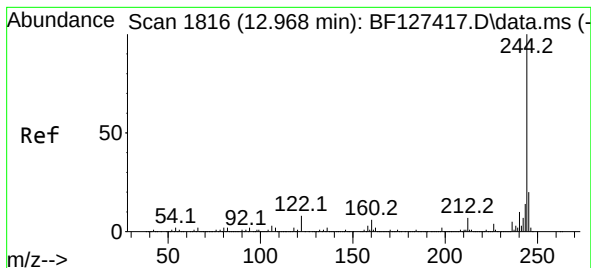
Tgt Ion:248 Resp: 12436
Ion Ratio Lower Upper
248 100
250 207.9 76.6 115.0#
141 552.8 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127591.D
Acq: 30 Mar 2022 16:46

Tgt Ion:240 Resp: 182530
Ion Ratio Lower Upper
240 100
120 9.4 7.1 10.7
236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 82.673 ng

RT: 12.945 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF127591.D

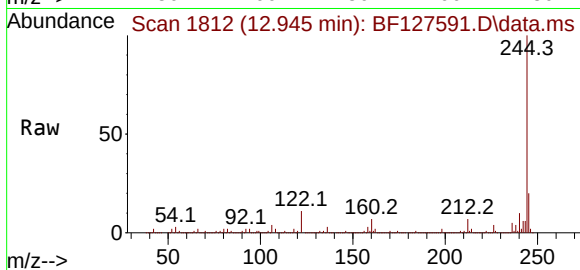
Acq: 30 Mar 2022 16:46

Instrument :

BNA_F

ClientSampleId :

PIT-11-DEWATERING-EFFL-UNTREATED



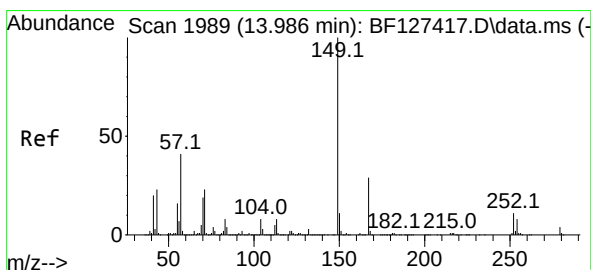
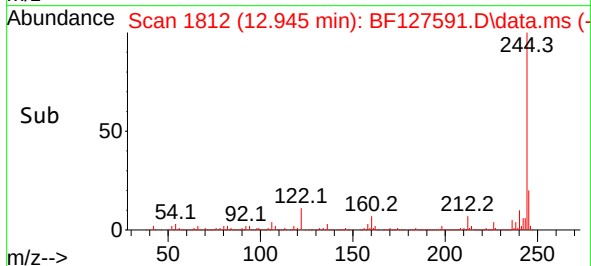
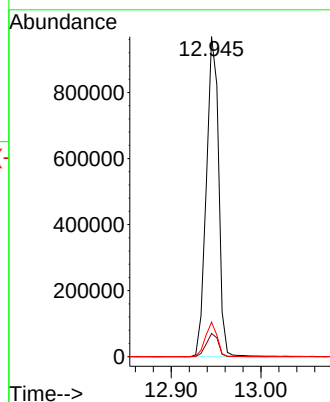
Tgt Ion:244 Resp: 921819

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 10.8 6.2 9.2#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.298 ng

RT: 13.968 min Scan# 1986

Delta R.T. 0.000 min

Lab File: BF127591.D

Acq: 30 Mar 2022 16:46

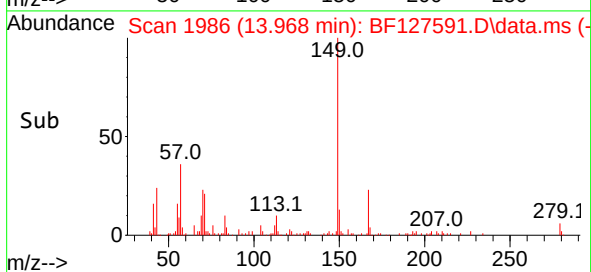
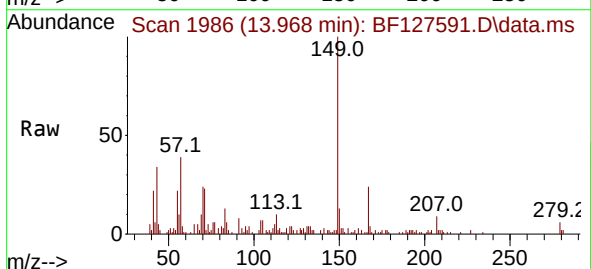
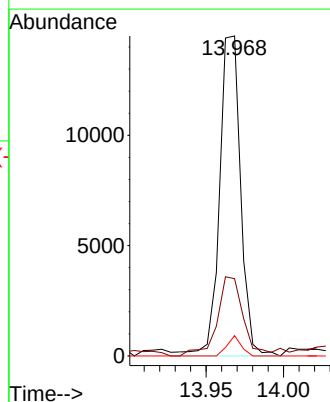
Tgt Ion:149 Resp: 13696

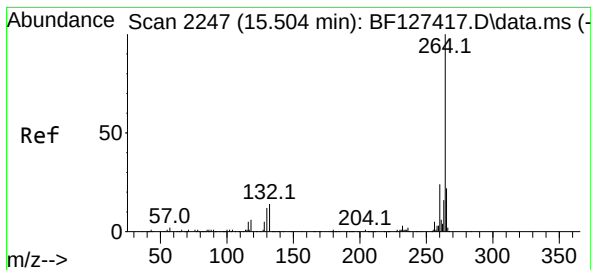
Ion Ratio Lower Upper

149 100

167 24.2 22.9 34.3

279 6.4 3.2 4.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF127591.D

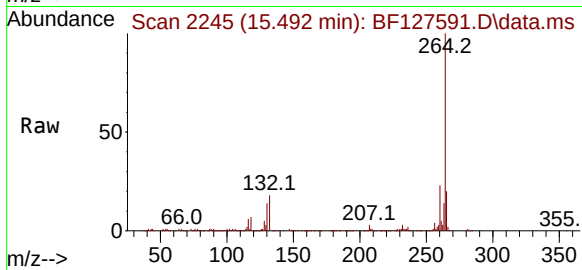
Acq: 30 Mar 2022 16:46

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:264 Resp: 152269

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 19.8 17.4 26.2

