

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
 Data File : BF127592.D
 Acq On : 30 Mar 2022 17:15
 Operator : CG\JU
 Sample : N2152-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Mar 31 04:09:55 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)

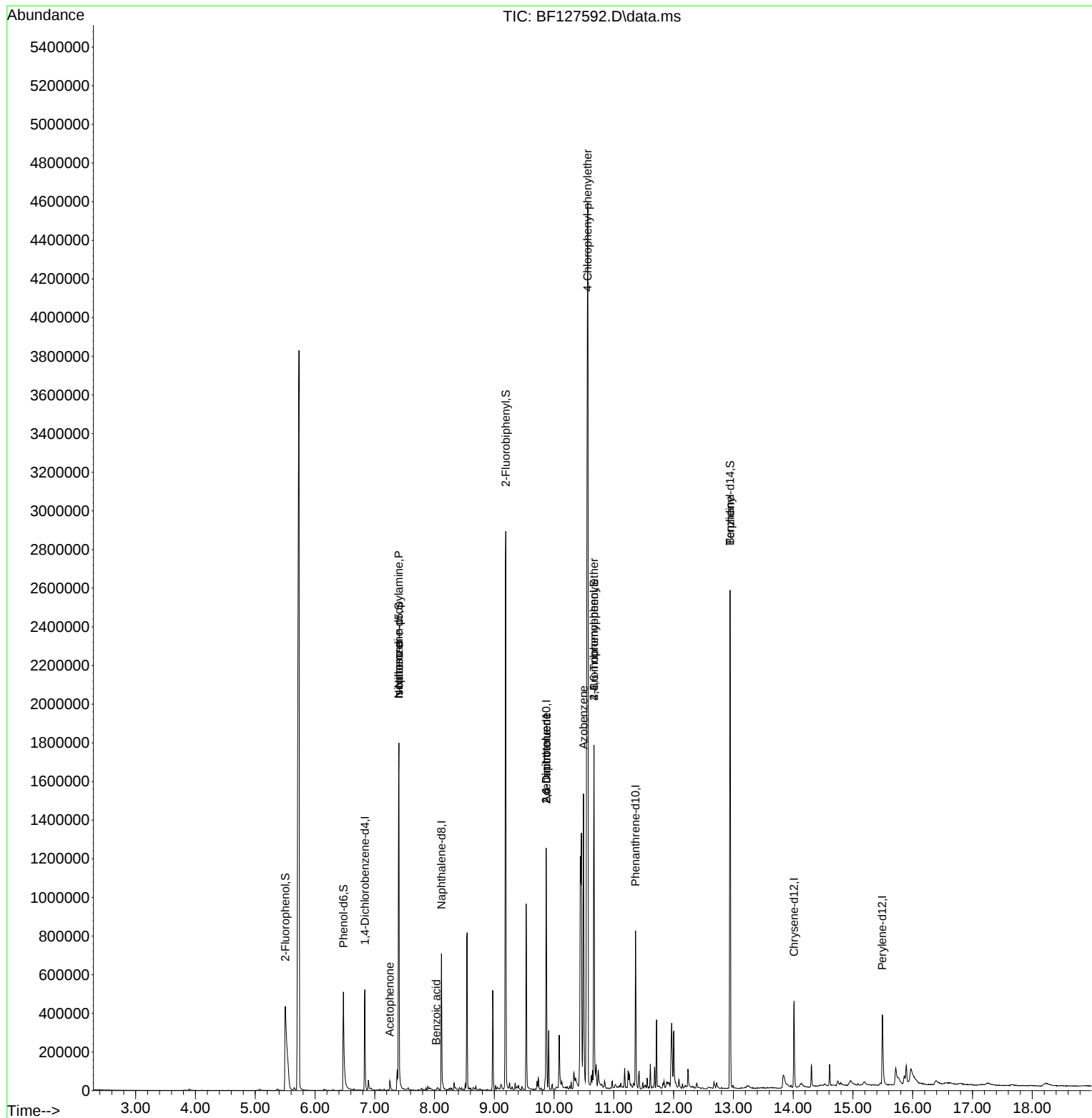
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	75033	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	270418	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	150972	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	263974	20.000	ng	0.00
76) Chrysene-d12	14.015	240	171322	20.000	ng	0.00
86) Perylene-d12	15.492	264	175057	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	278521	59.251	ng	0.05
7) Phenol-d6	6.475	99	223523	34.787	ng	0.00
23) Nitrobenzene-d5	7.404	82	567573	89.718	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	196065	121.913	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	930265	89.977	ng	0.00
79) Terphenyl-d14	12.945	244	844055	80.651	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.487	77	646	Below Cal	#	72
19) n-Nitroso-di-n-propyla...	7.404	70	78296	20.329	ng	# 79
22) Acetophenone	7.251	105	16371	2.368	ng	# 86
25) Isophorone	7.404	82	567567	56.330	ng	# 70
32) Benzoic acid	8.028	122	139	6.098	ng	94
51) 2,6-Dinitrotoluene	9.869	165	19374	8.788	ng	# 31
55) Dibenzofuran	10.092	168	116	Below Cal	#	1
57) 2,4-Dinitrotoluene	9.869	165	19374	6.827	ng	# 27
58) Fluorene	10.492	166	9981	Below Cal	#	25
61) 4-Chlorophenyl-phenyle...	10.563	204	27068	4.987	ng	# 43
63) Azobenzene	10.492	77	81494	7.200	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	13065	4.239	ng	# 1
77) Benzidine	12.945	184	11244	2.753	ng	# 86

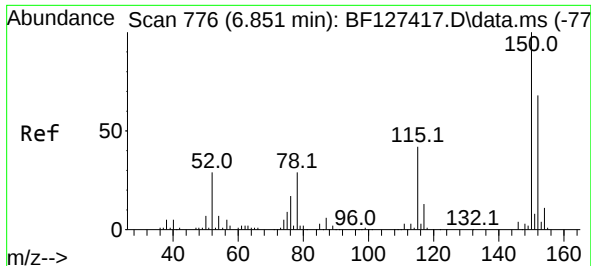
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
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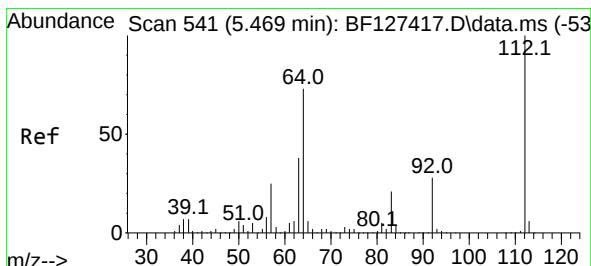
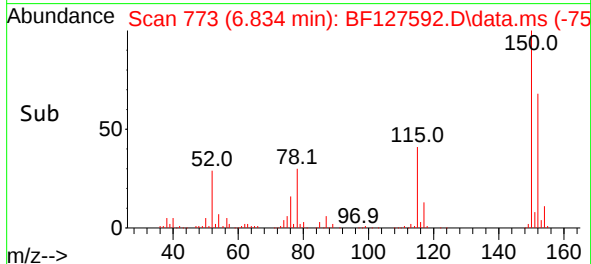
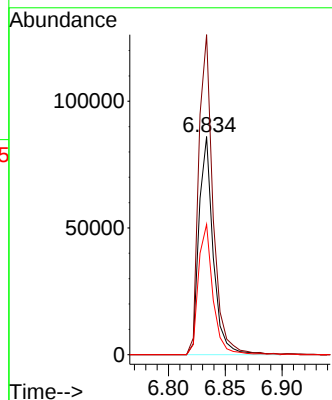
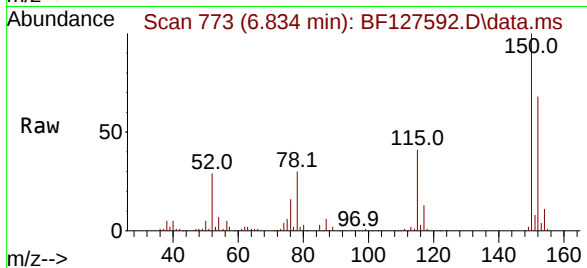




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

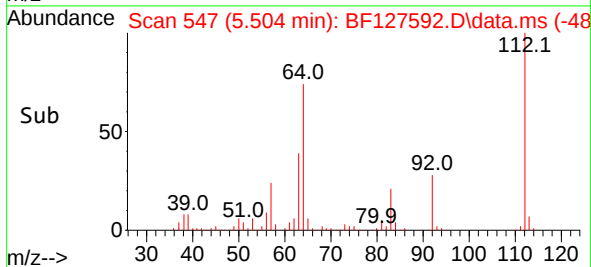
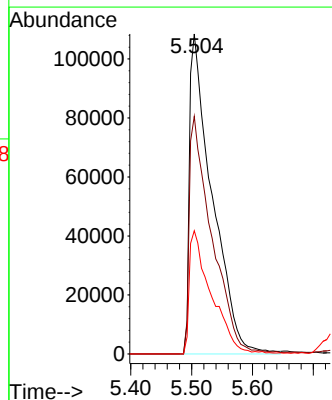
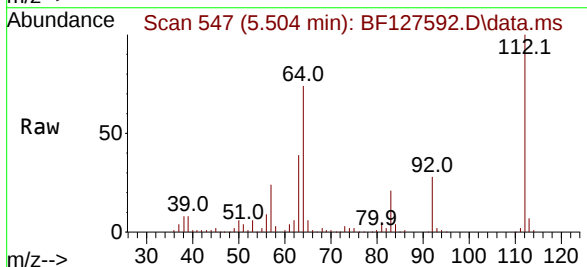
Instrument :
BNA_F
ClientSampleId :
PIT-11-DEWATERING-EFFL-TREATED

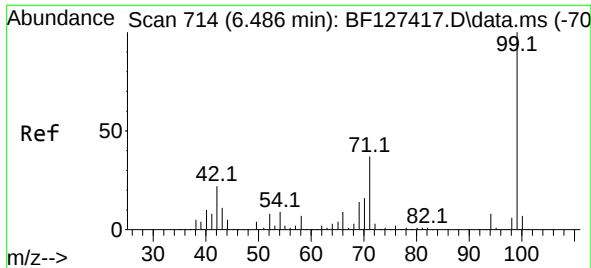
Tgt Ion:152 Resp: 75033
Ion Ratio Lower Upper
152 100
150 146.7 117.2 175.8
115 59.7 49.8 74.6



#5
2-Fluorophenol
Concen: 59.251 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.047 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

Tgt Ion:112 Resp: 278521
Ion Ratio Lower Upper
112 100
64 74.2 58.4 87.6
63 38.5 30.1 45.1

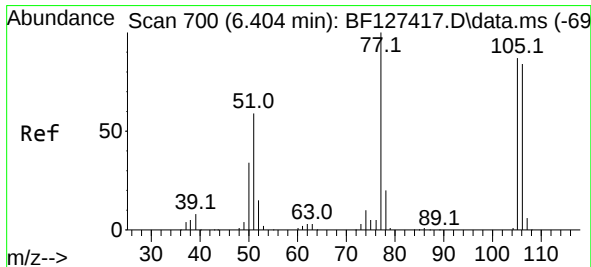
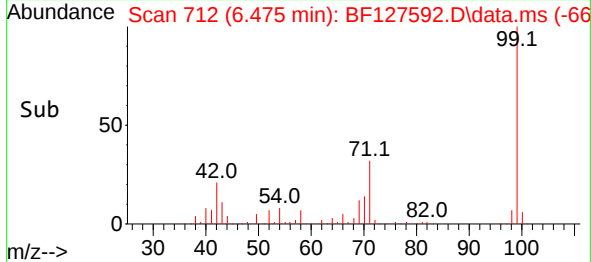
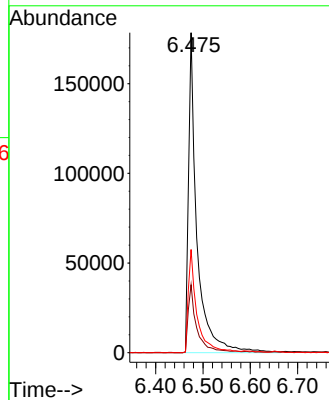
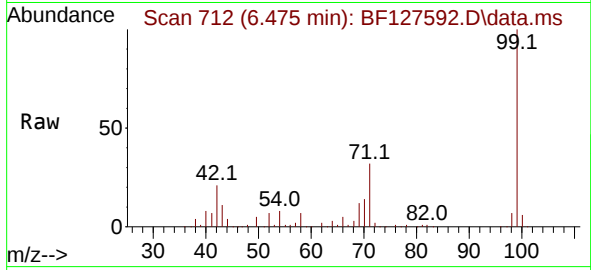




#7
Phenol-d6
Concen: 34.787 ng
RT: 6.475 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

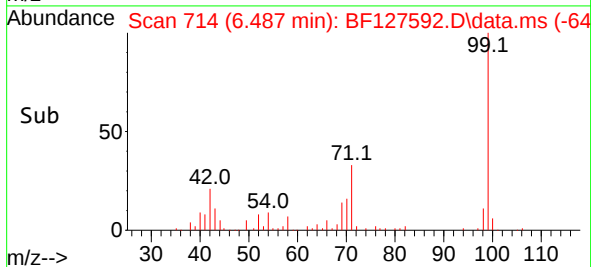
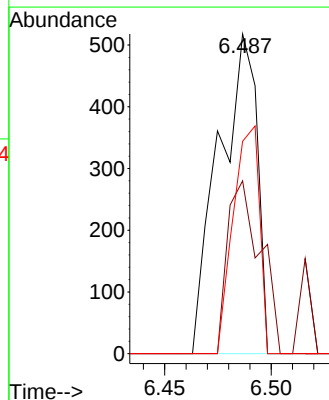
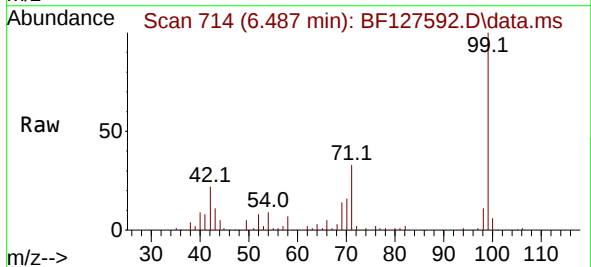
Instrument :
BNA_F
ClientSampleId :
PIT-11-DEWATERING-EFFL-TREATED

Tgt Ion: 99 Resp: 223523
Ion Ratio Lower Upper
99 100
42 21.2 17.8 26.6
71 32.2 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.487 min Scan# 714
Delta R.T. 0.094 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

Tgt Ion: 77 Resp: 646
Ion Ratio Lower Upper
77 100
105 54.1 66.8 106.8#
106 66.4 64.3 104.3





#19

n-Nitroso-di-n-propylamine

Concen: 20.329 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127592.D

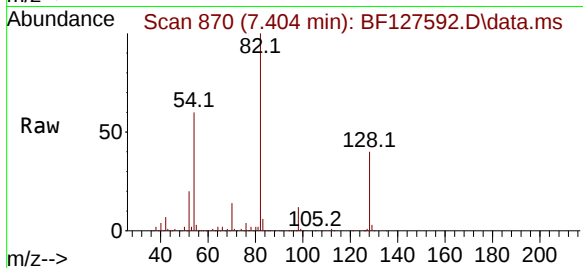
Acq: 30 Mar 2022 17:15

Instrument :

BNA_F

ClientSampleId :

PIT-11-DEWATERING-EFFL-TREATED



Tgt Ion: 70 Resp: 78296

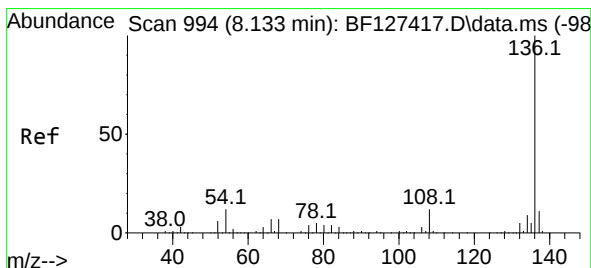
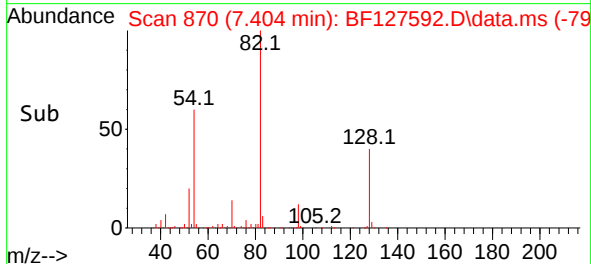
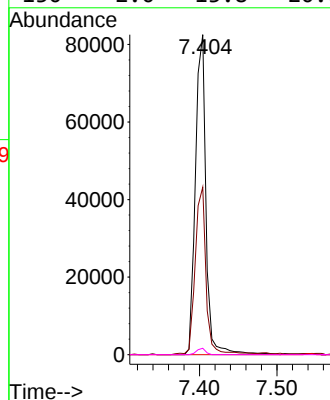
Ion Ratio Lower Upper

70 100

42 52.3 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: BF127592.D

Acq: 30 Mar 2022 17:15

Tgt Ion:136 Resp: 270418

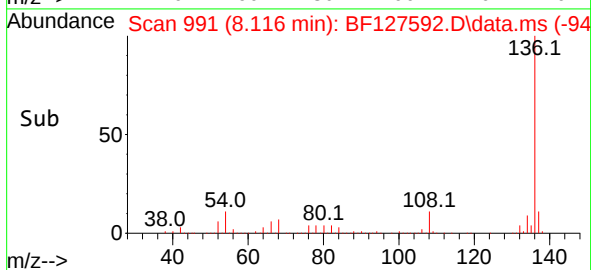
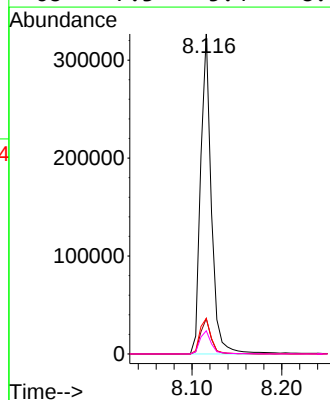
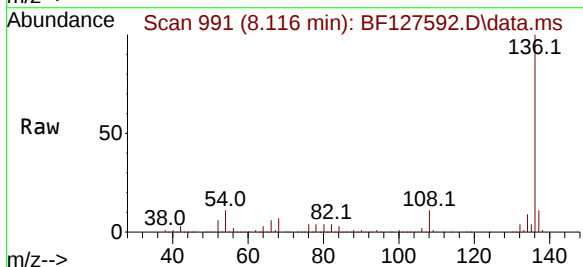
Ion Ratio Lower Upper

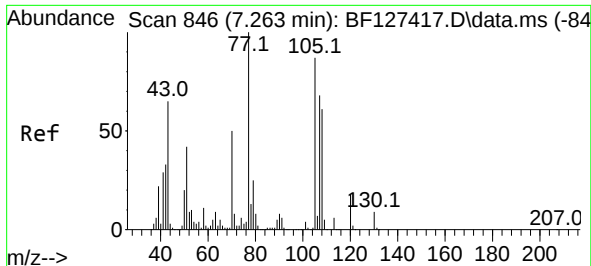
136 100

137 11.0 8.6 13.0

54 11.1 9.2 13.8

68 7.3 5.4 8.0

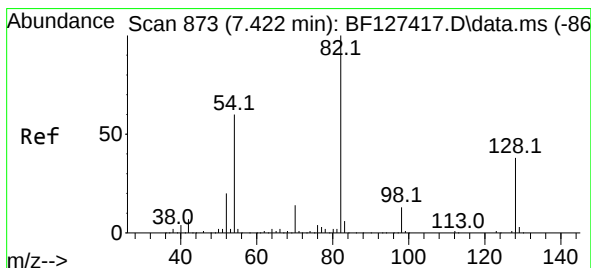
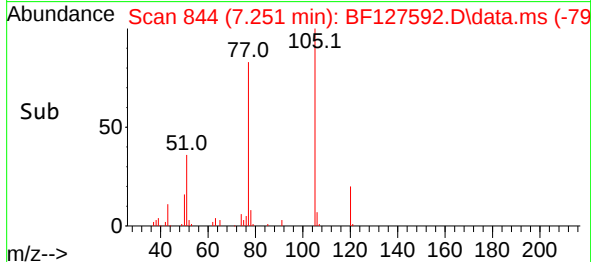
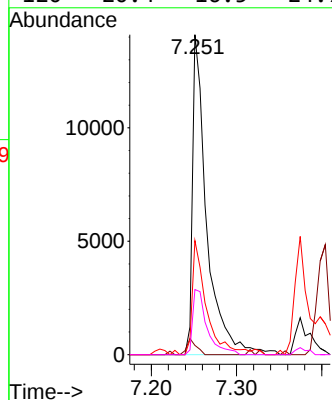
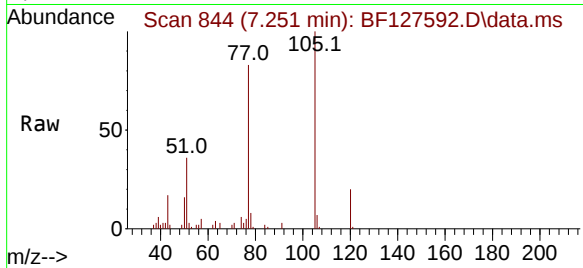




#22
Acetophenone
Concen: 2.368 ng
RT: 7.251 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

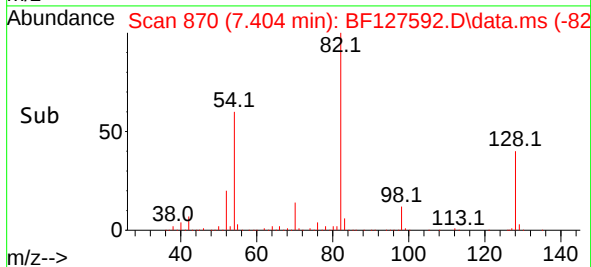
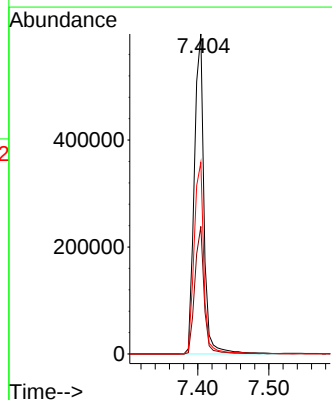
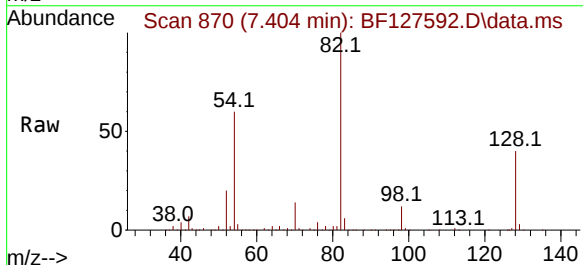
Instrument :
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ClientSampleId :
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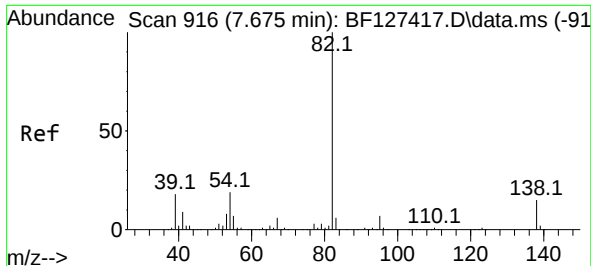
Tgt Ion:105 Resp: 16371
Ion Ratio Lower Upper
105 100
71 2.9 7.3 10.9#
51 35.7 38.8 58.2#
120 20.4 16.5 24.7



#23
Nitrobenzene-d5
Concen: 89.718 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

Tgt Ion: 82 Resp: 567573
Ion Ratio Lower Upper
82 100
128 39.9 30.6 45.8
54 59.8 48.2 72.2

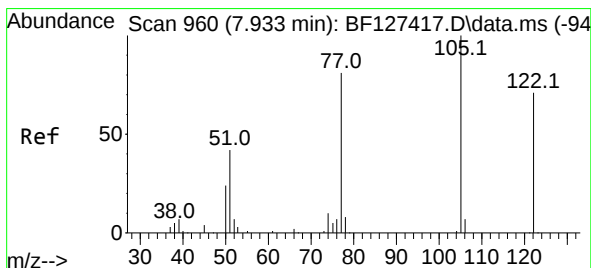
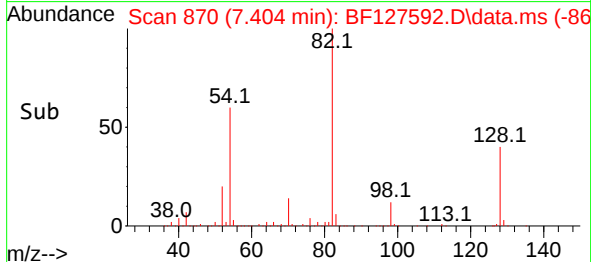
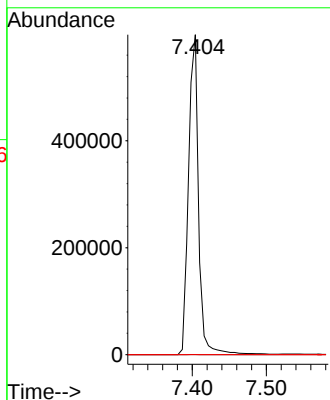
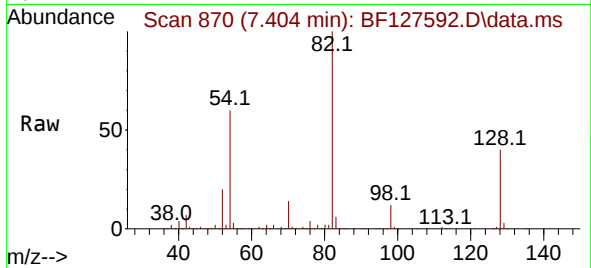




#25
Isophorone
Concen: 56.330 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

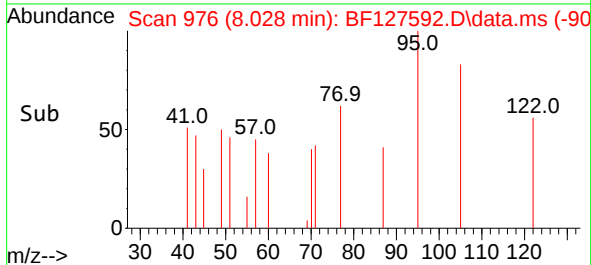
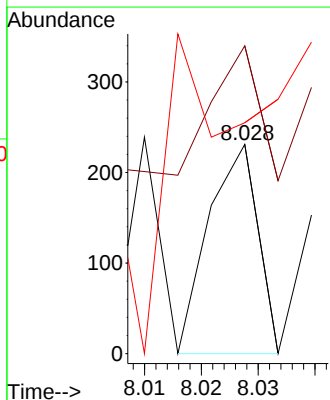
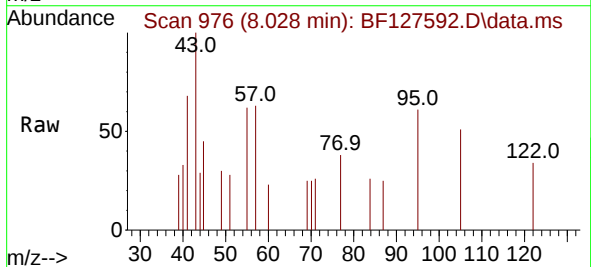
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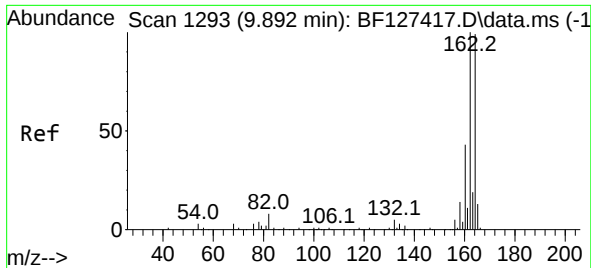
Tgt Ion: 82 Resp: 567567
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#32
Benzoic acid
Concen: 6.098 ng
RT: 8.028 min Scan# 976
Delta R.T. 0.100 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

Tgt Ion:122 Resp: 139
Ion Ratio Lower Upper
122 100
105 147.2 117.1 157.1
77 110.4 93.0 133.0

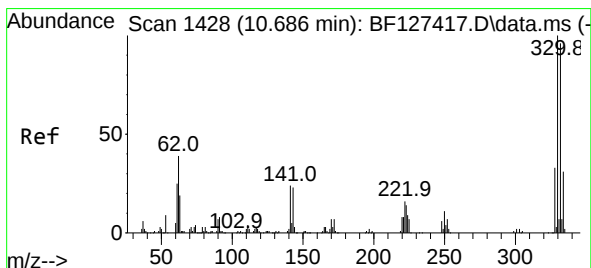
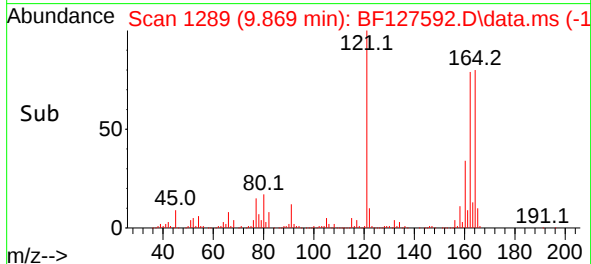
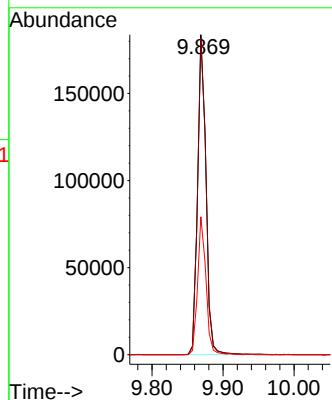
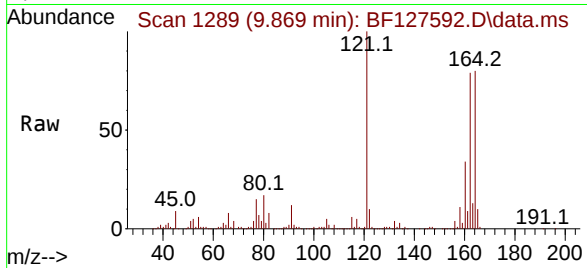




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

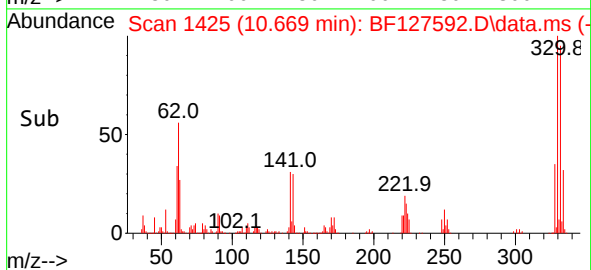
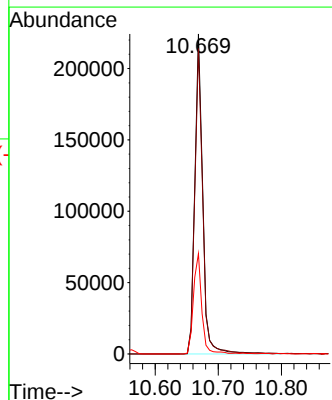
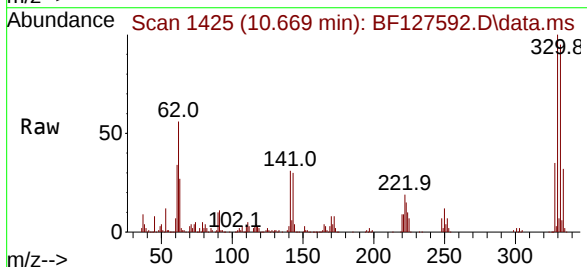
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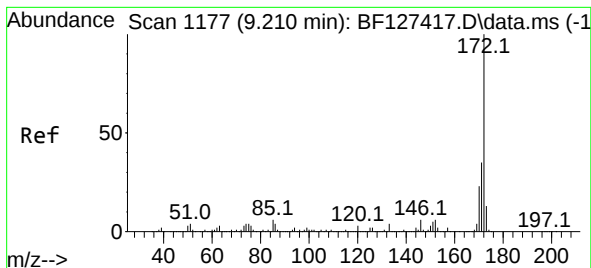
Tgt Ion:164 Resp: 150972
Ion Ratio Lower Upper
164 100
162 99.0 81.2 121.8
160 43.1 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 121.913 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

Tgt Ion:330 Resp: 196065
Ion Ratio Lower Upper
330 100
332 95.2 79.1 118.7
141 33.0 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 89.977 ng

RT: 9.192 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127592.D

Acq: 30 Mar 2022 17:15

Instrument :

BNA_F

ClientSampleId :

PIT-11-DEWATERING-EFFL-TREATED

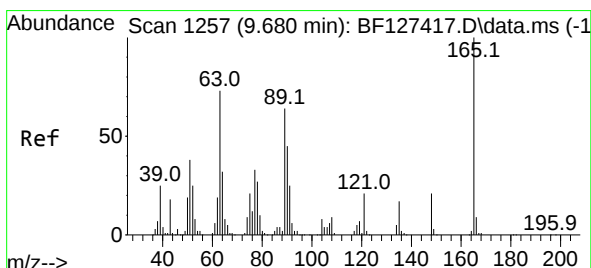
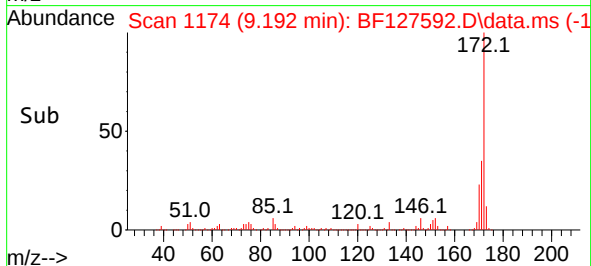
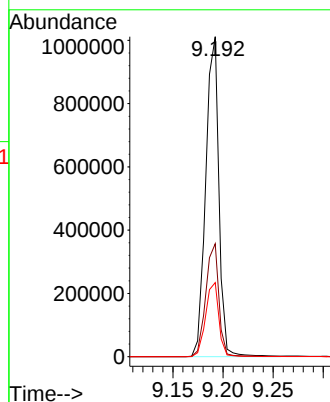
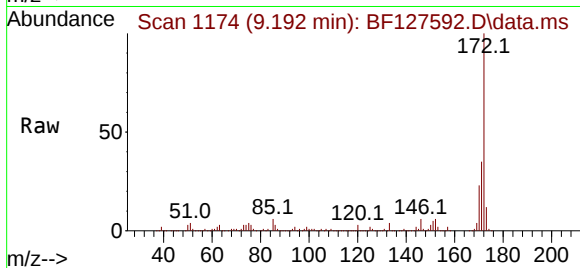
Tgt Ion:172 Resp: 930265

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.1 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.788 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF127592.D

Acq: 30 Mar 2022 17:15

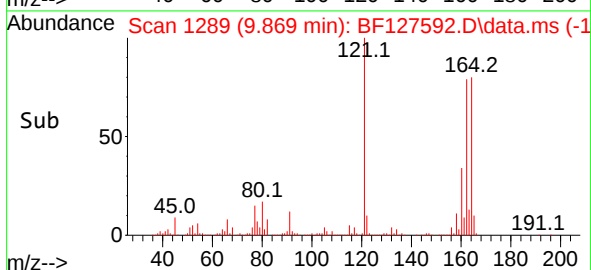
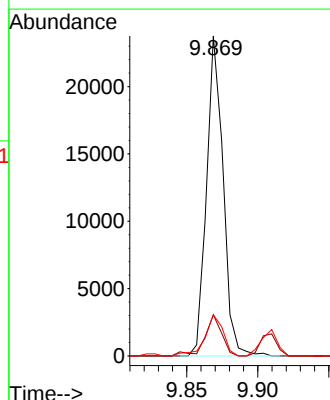
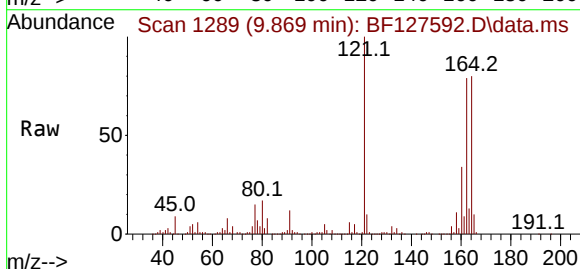
Tgt Ion:165 Resp: 19374

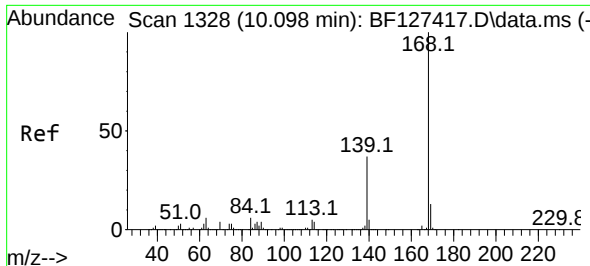
Ion Ratio Lower Upper

165 100

63 12.9 58.3 87.5#

89 12.9 51.5 77.3#

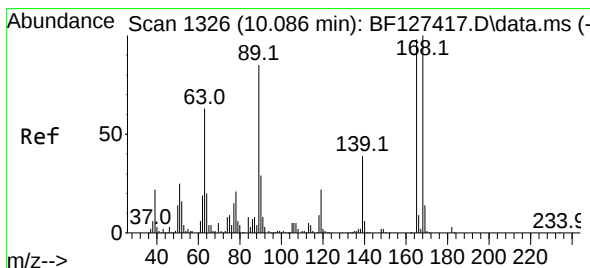
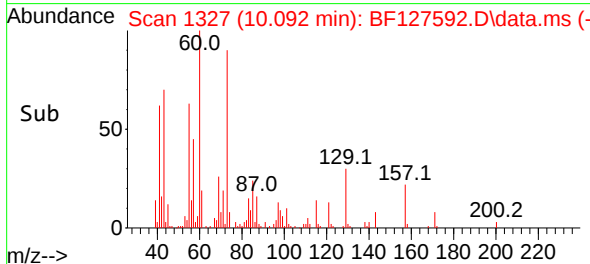
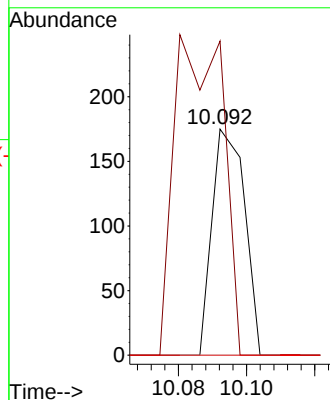
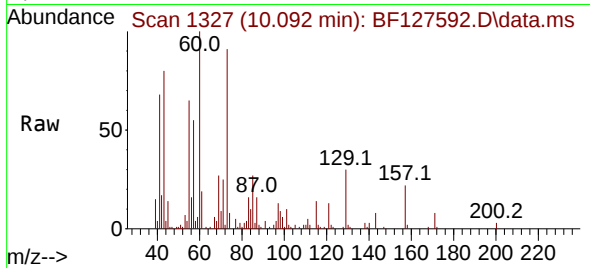




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.092 min Scan# 1116
Delta R.T. 0.012 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

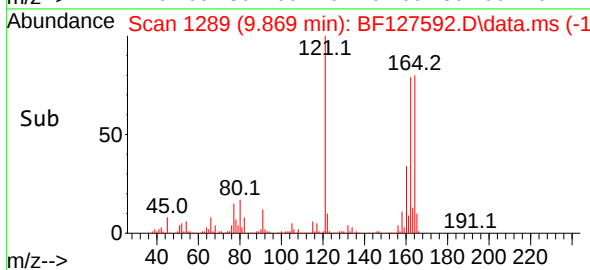
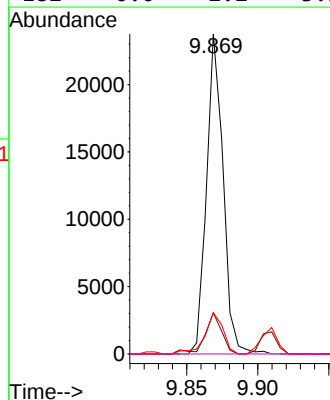
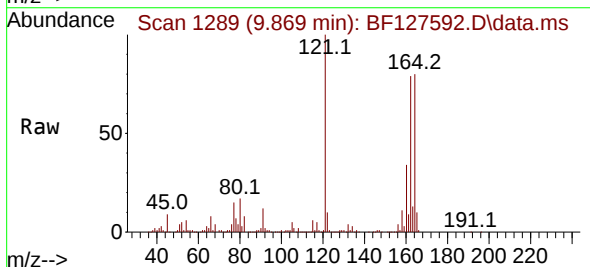
Instrument : BNA_F
ClientSampleId : PIT-11-DEWATERING-EFFL-TREATED

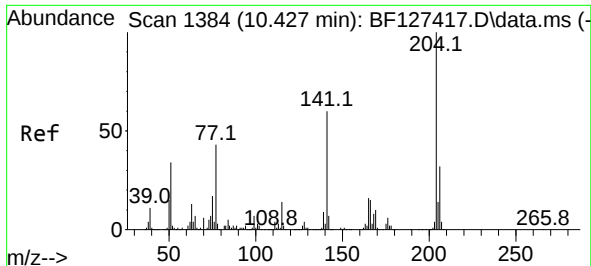
Tgt Ion:168 Resp: 116
Ion Ratio Lower Upper
168 100
139 138.9 30.3 45.5#
169 0.0 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 6.827 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

Tgt Ion:165 Resp: 19374
Ion Ratio Lower Upper
165 100
63 12.9 53.1 79.7#
89 12.9 69.2 103.8#
182 0.0 2.2 3.2#

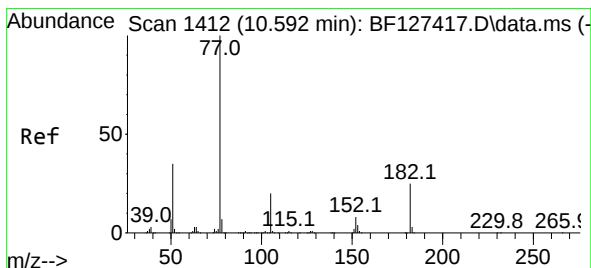
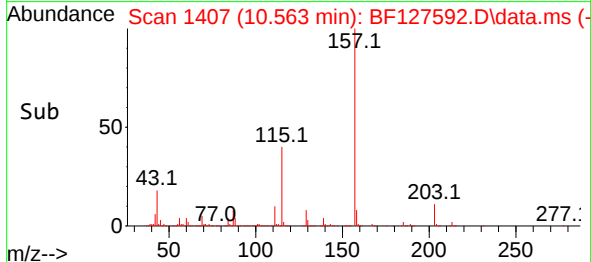
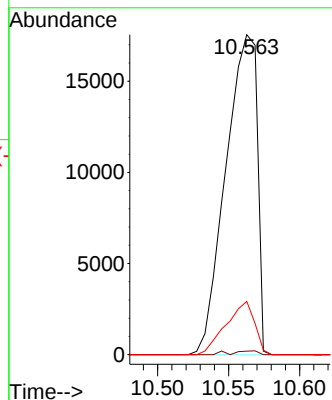
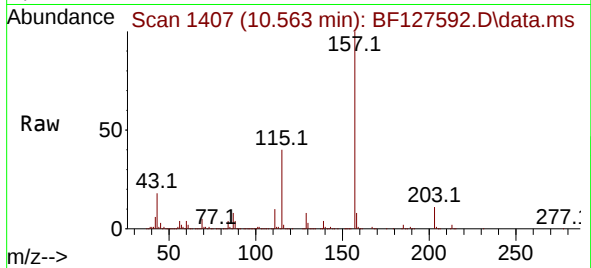




#61
4-Chlorophenyl-phenylether
Concen: 4.987 ng
RT: 10.563 min Scan# 1407
Delta R.T. 0.147 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

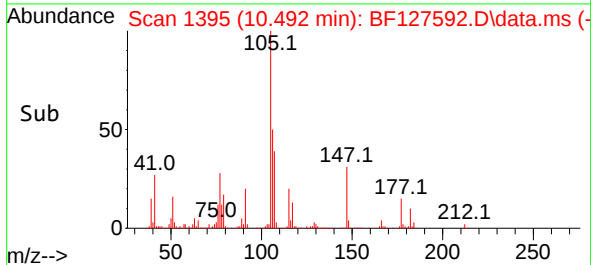
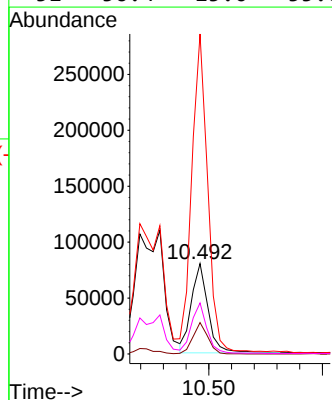
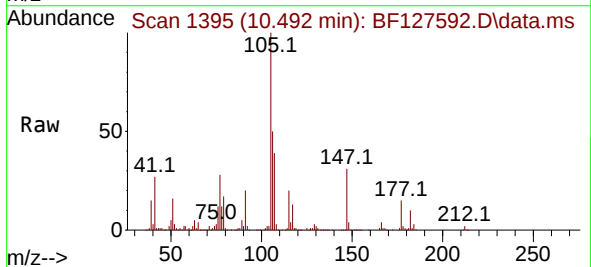
Instrument :
BNA_F
ClientSampleId :
PIT-11-DEWATERING-EFFL-TREATED

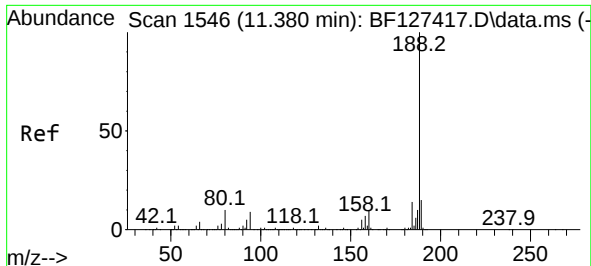
Tgt Ion: 204 Resp: 27068
Ion Ratio Lower Upper
204 100
206 1.1 25.9 38.9#
141 16.6 47.8 71.8#



#63
Azobenzene
Concen: 7.200 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.082 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

Tgt Ion: 77 Resp: 81494
Ion Ratio Lower Upper
77 100
182 34.8 4.5 44.5
105 354.2 0.3 40.3#
51 56.4 15.0 55.0#

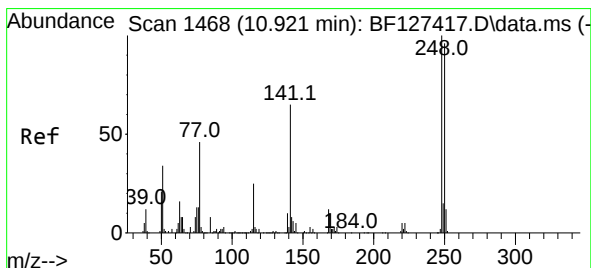
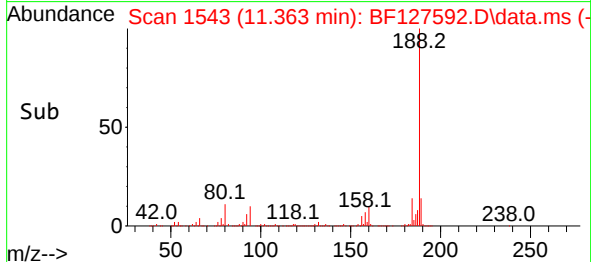
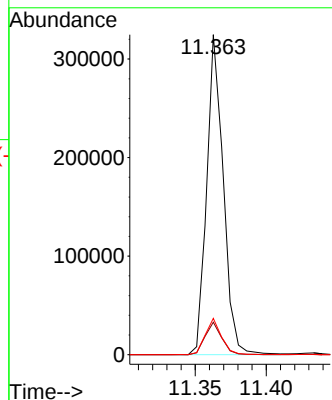
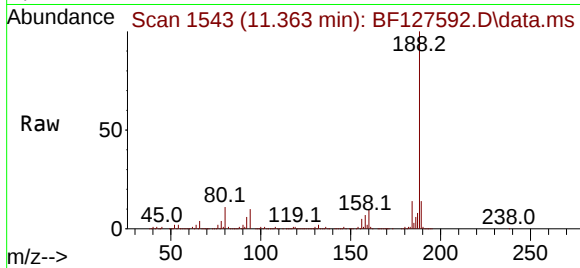




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

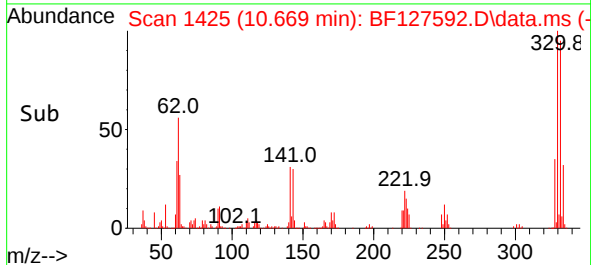
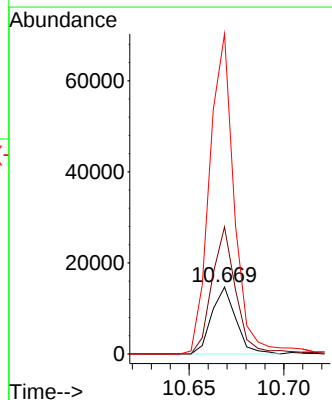
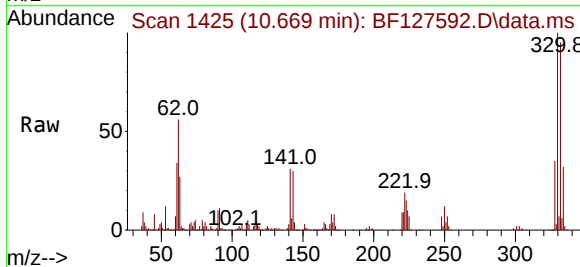
Instrument :
BNA_F
ClientSampleId :
PIT-11-DEWATERING-EFFL-TREATED

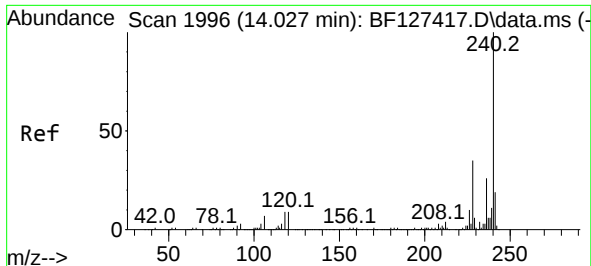
Tgt Ion:188 Resp: 263974
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.0
80 11.3 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.239 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.235 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

Tgt Ion:248 Resp: 13065
Ion Ratio Lower Upper
248 100
250 190.1 76.6 115.0#
141 478.6 52.2 78.2#

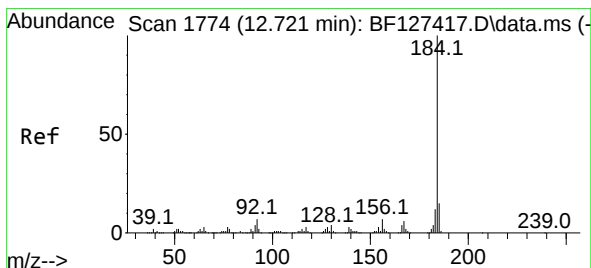
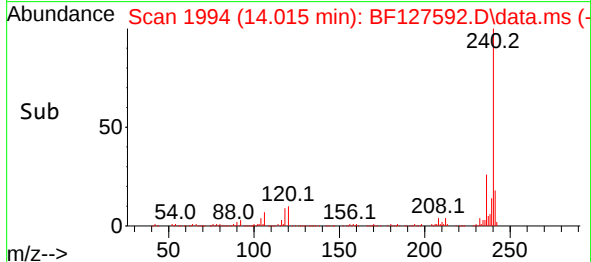
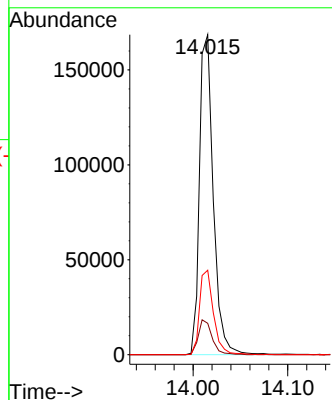
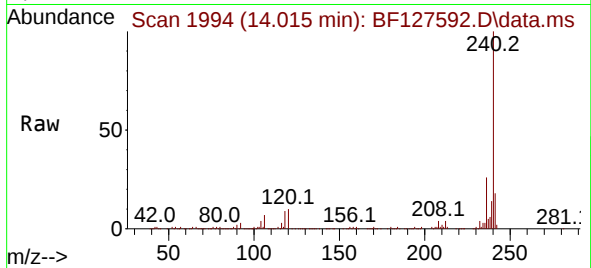




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

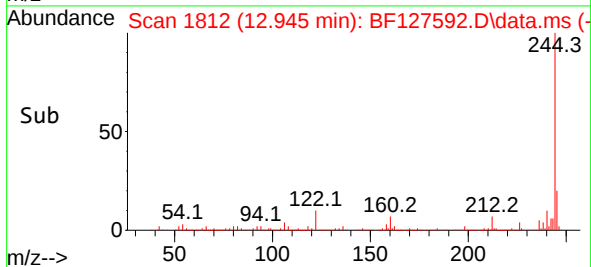
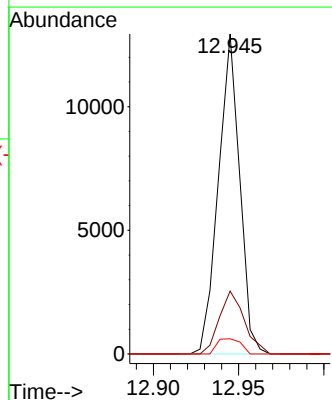
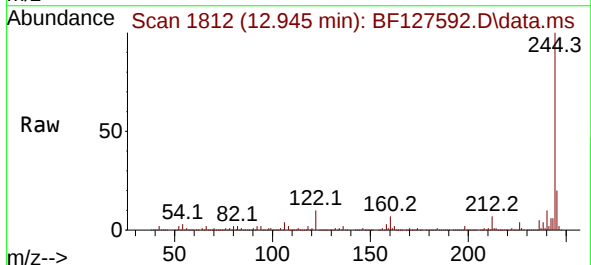
Instrument :
BNA_F
ClientSampleId :
PIT-11-DEWATERING-EFFL-TREATED

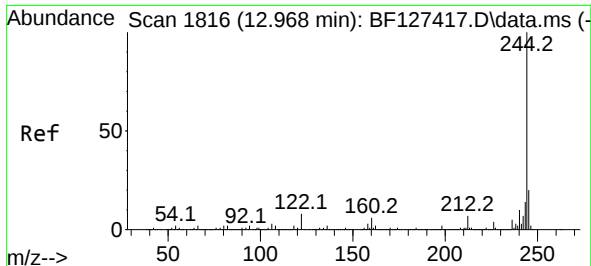
Tgt Ion:240 Resp: 171322
Ion Ratio Lower Upper
240 100
120 9.8 7.1 10.7
236 26.4 20.7 31.1



#77
Benzidine
Concen: 2.753 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.235 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

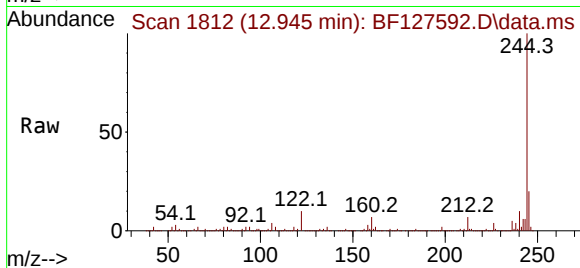
Tgt Ion:184 Resp: 11244
Ion Ratio Lower Upper
184 100
185 19.6 12.2 18.2#
183 4.8 9.4 14.0#



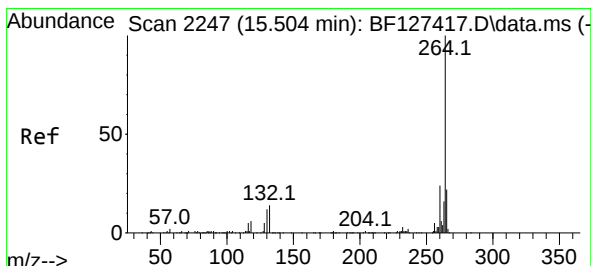
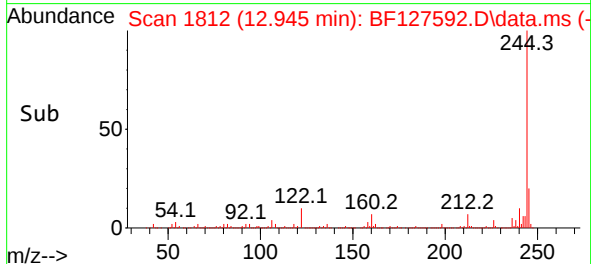
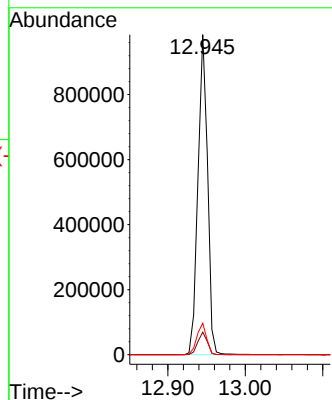


#79
 Terphenyl-d14
 Concen: 80.651 ng
 RT: 12.945 min Scan# 1816
 Delta R.T. -0.006 min
 Lab File: BF127592.D
 Acq: 30 Mar 2022 17:15

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



Tgt Ion:244 Resp: 844055
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 9.9 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2245
 Delta R.T. 0.000 min
 Lab File: BF127592.D
 Acq: 30 Mar 2022 17:15

Tgt Ion:264 Resp: 175057
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.1 28.7
 265 22.6 17.4 26.2

