

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)

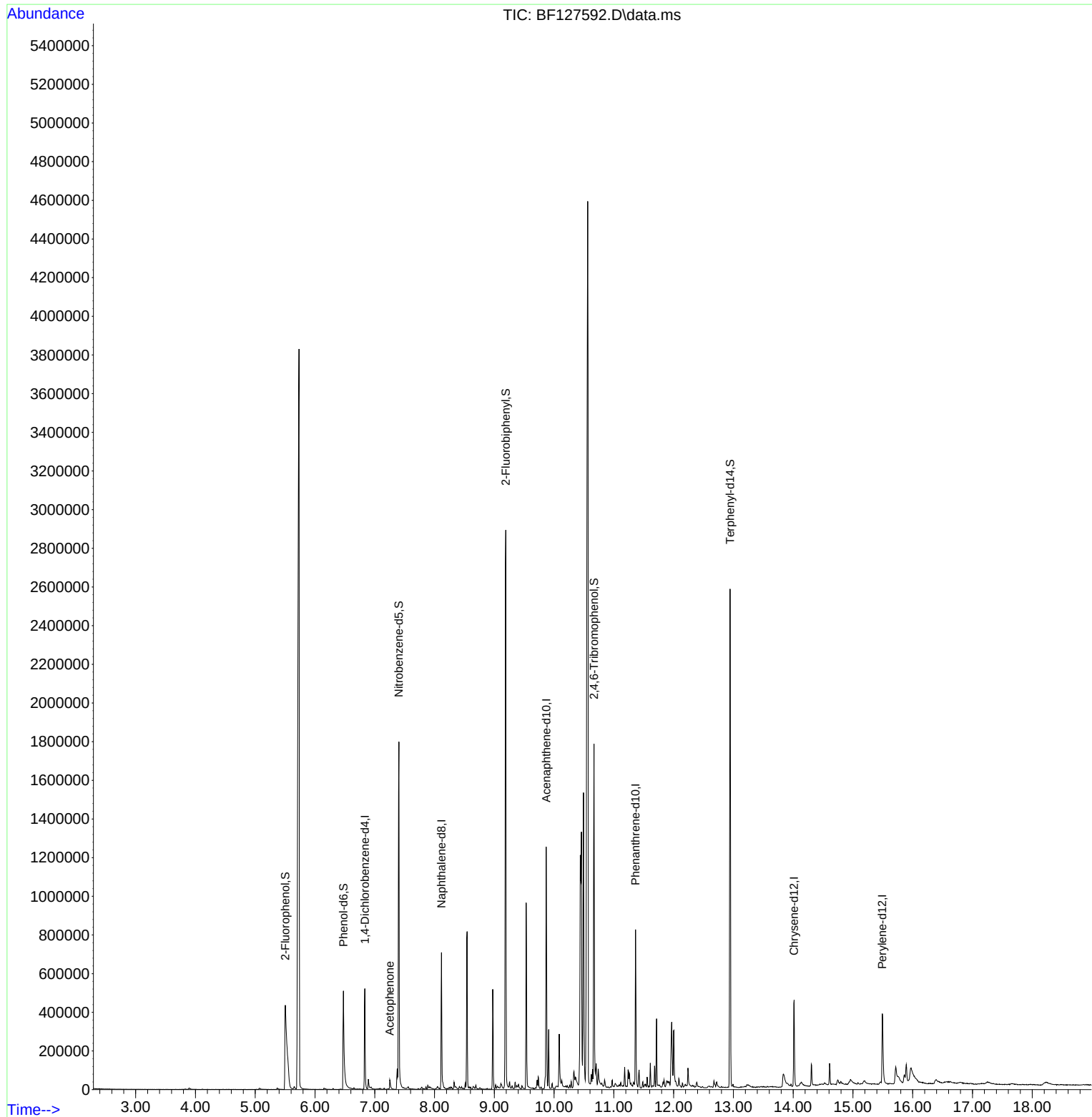
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	75033	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	270418	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	150972	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	263974	20.000	ng	0.00
76) Chrysene-d12	14.015	240	171322	20.000	ng	0.00
86) Perylene-d12	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						
22) Acetophenone	7.251	105	16371	2.368	ng	Qvalue # 86

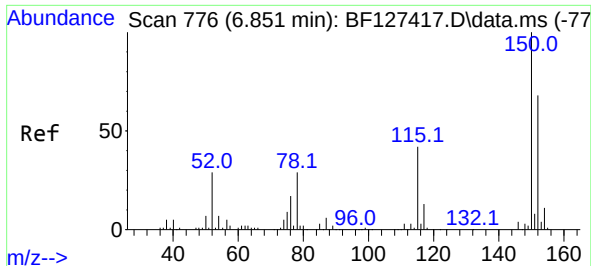
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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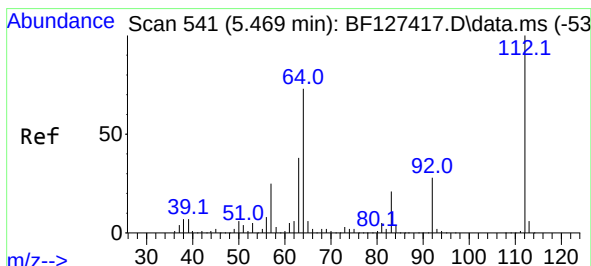
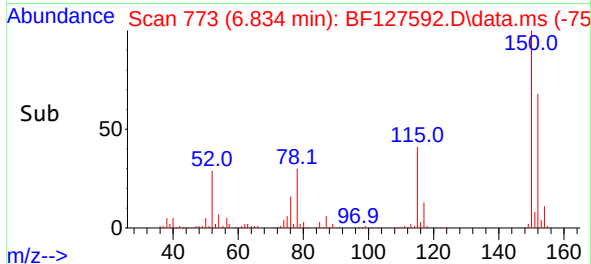
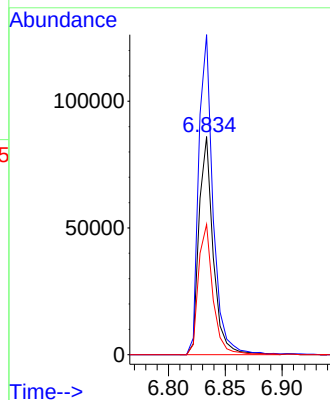
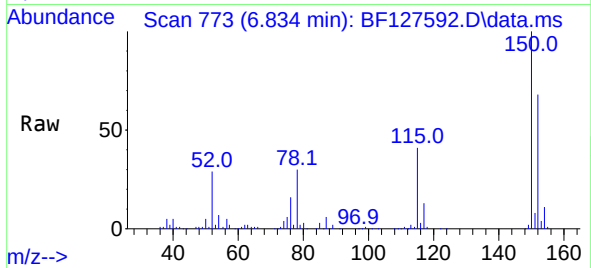




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

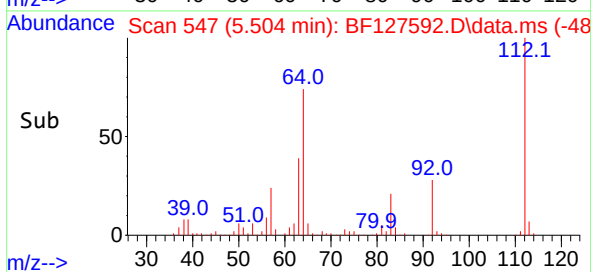
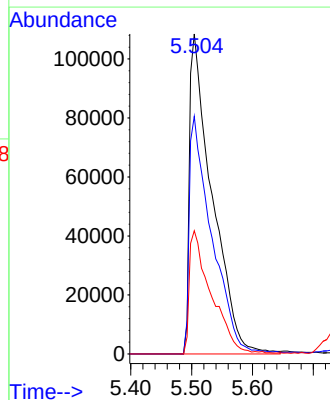
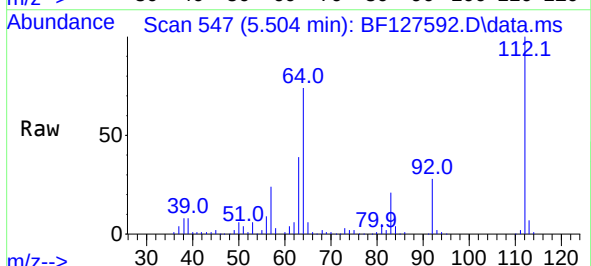
Instrument :
BNA_F
ClientSampleId :
PIT-11-DEWATERING-EFFL-TREATED

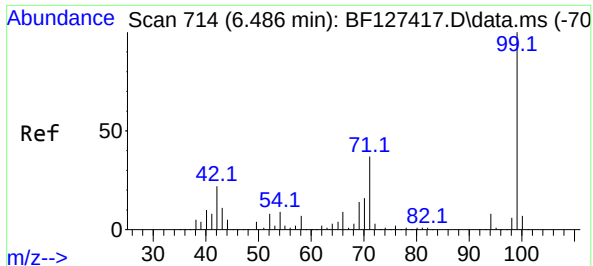
Tgt Ion:152 Resp: 75033
Ion Ratio Lower Upper
152 100
150 146.7 117.2 175.8
115 59.7 49.8 74.6



#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

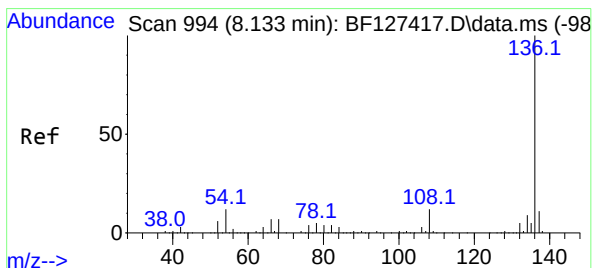
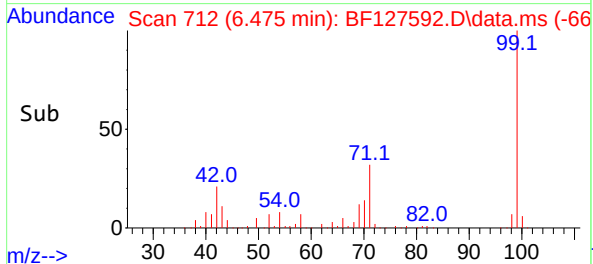
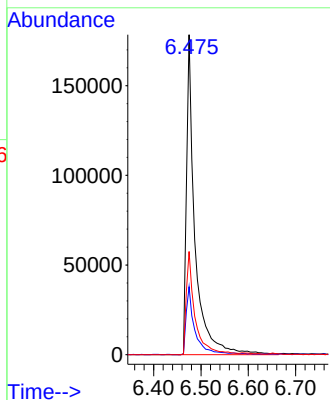
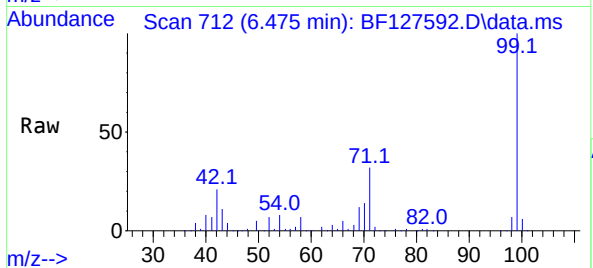




#7
Phenol-d6
Concen: 34.787 ng
RT: 6.475 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

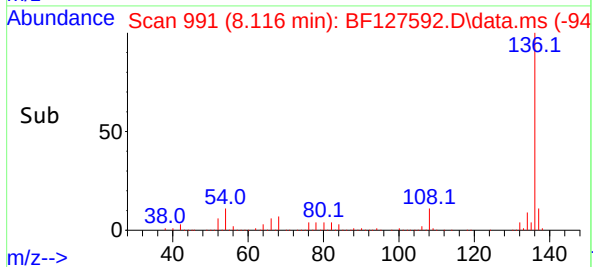
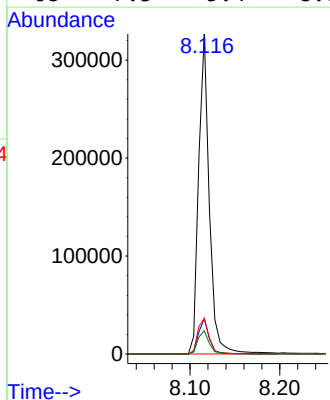
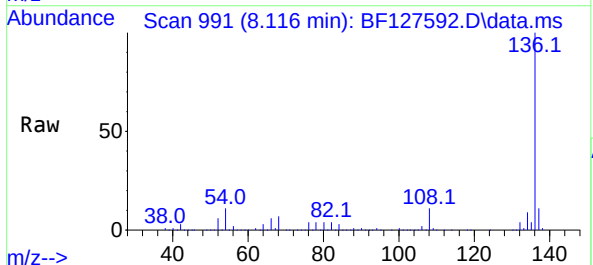
Instrument : BNA_F
ClientSampleId : PIT-11-DEWATERING-EFFL-TREATED

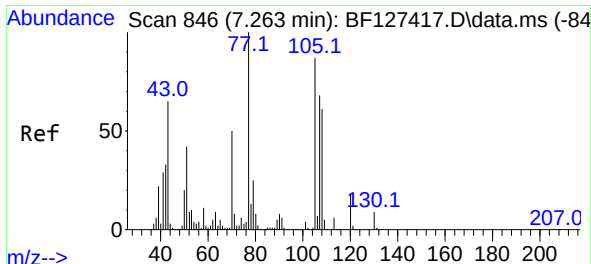
Tgt Ion: 99 Resp: 223523
Ion Ratio Lower Upper
99 100
42 21.2 17.8 26.6
71 32.2 29.6 44.4



#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

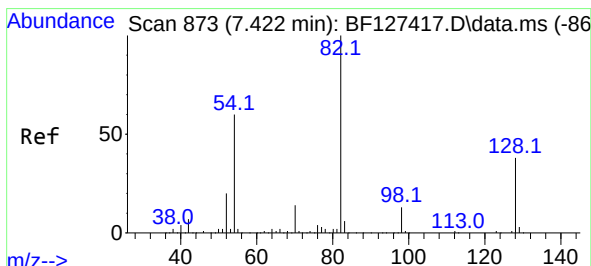
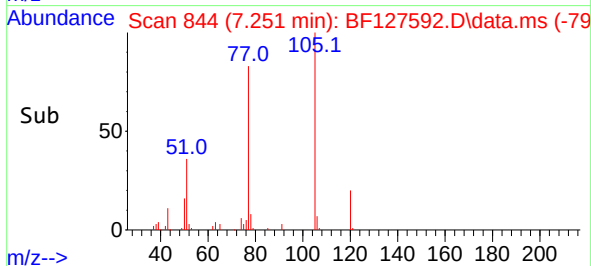
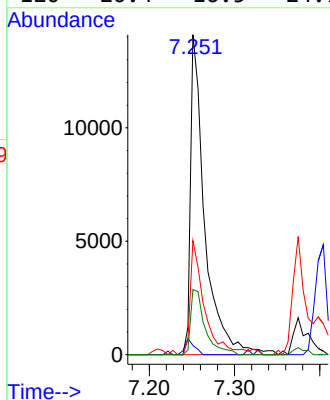
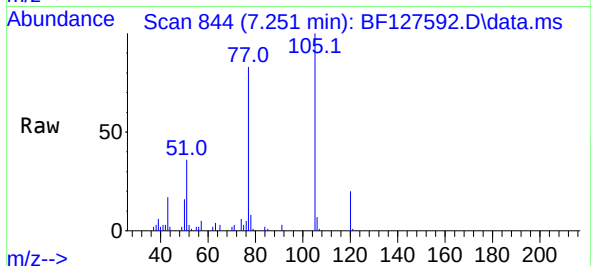




#22
Acetophenone
Concen: 2.368 ng
RT: 7.251 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

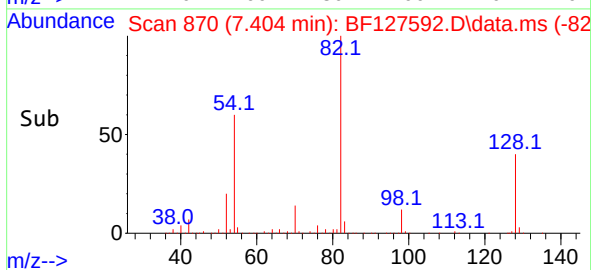
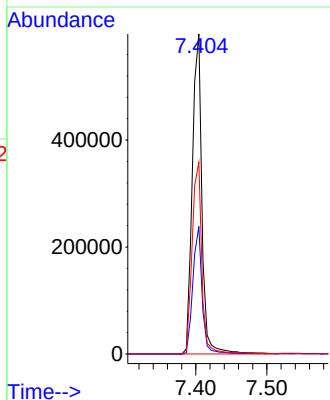
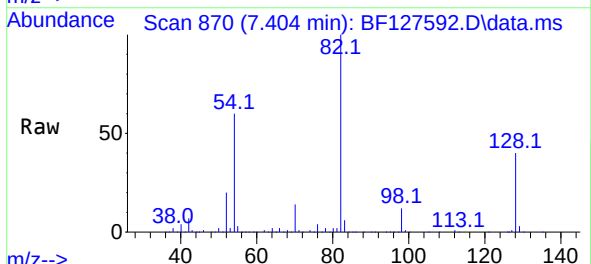
Instrument :
BNA_F
ClientSampleId :
PIT-11-DEWATERING-EFFL-TREATED

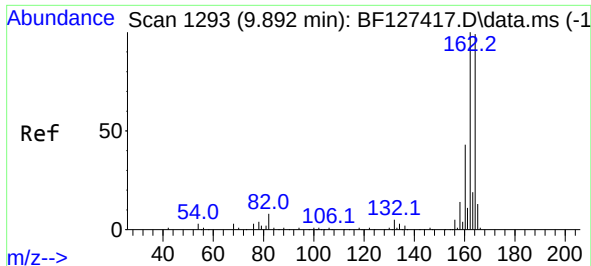
Tgt Ion:105 Resp: 16371
Ion Ratio Lower Upper
105 100
71 2.9 7.3 10.9#
51 35.7 38.8 58.2#
120 20.4 16.5 24.7



#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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF127592.D

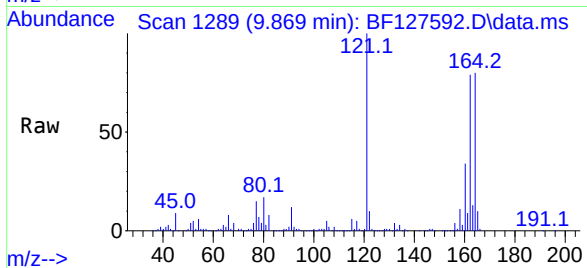
Acq: 30 Mar 2022 17:15

Instrument :

BNA_F

ClientSampleId :

PIT-11-DEWATERING-EFFL-TREATED



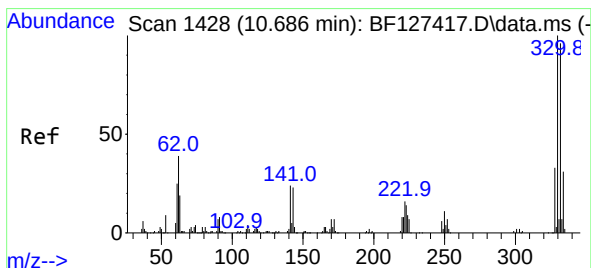
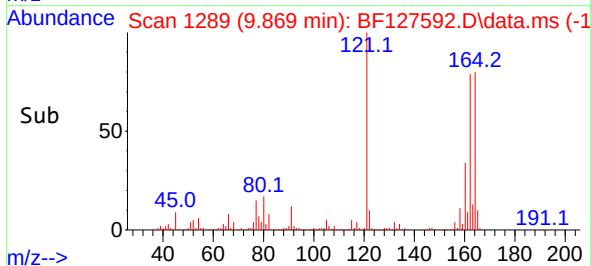
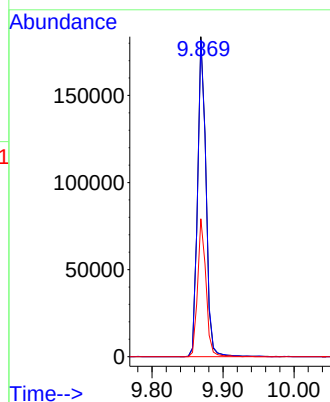
Tgt Ion:164 Resp: 150972

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

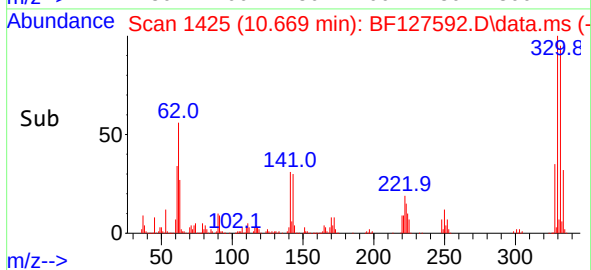
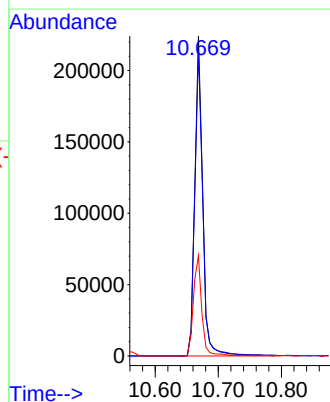
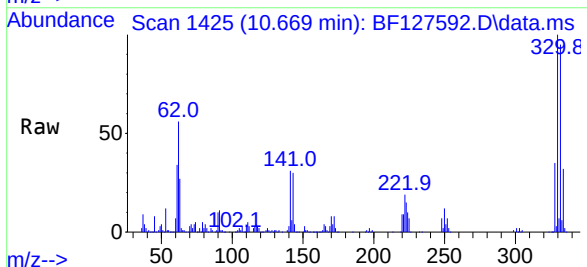
Tgt Ion:330 Resp: 196065

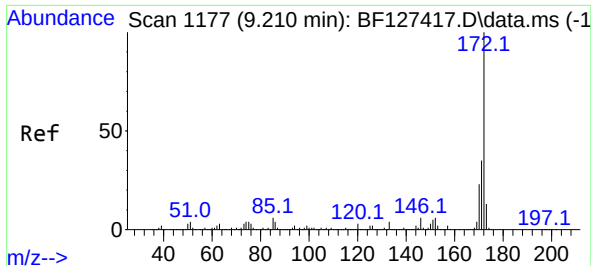
Ion Ratio Lower Upper

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

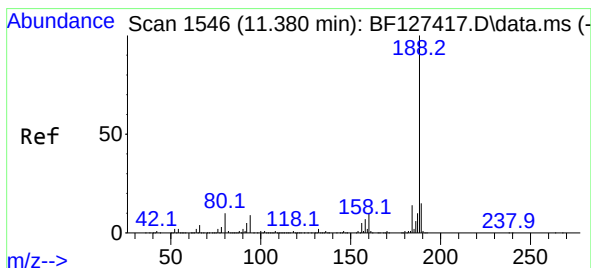
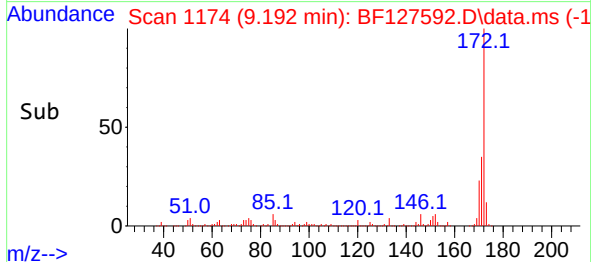
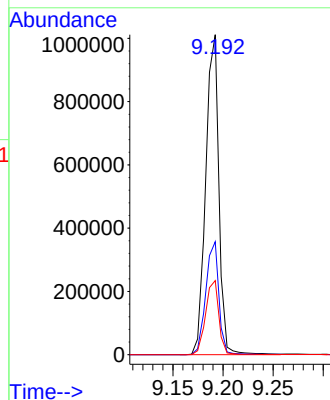
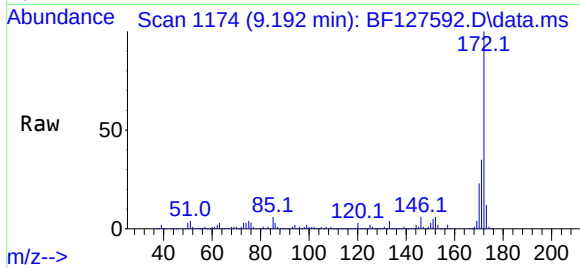
Tgt Ion:172 Resp: 930265

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.1 18.6 27.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1543

Delta R.T. 0.000 min

Lab File: BF127592.D

Acq: 30 Mar 2022 17:15

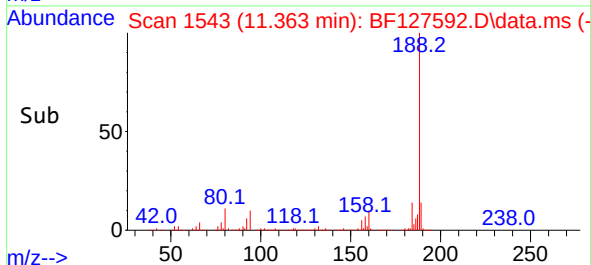
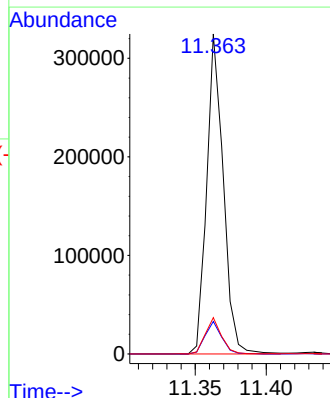
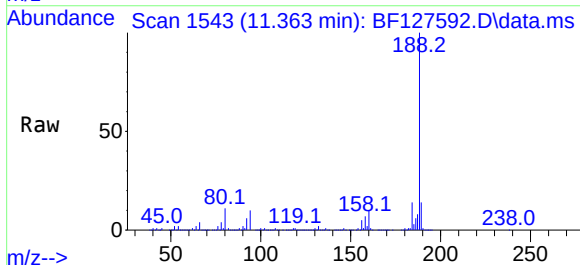
Tgt Ion:188 Resp: 263974

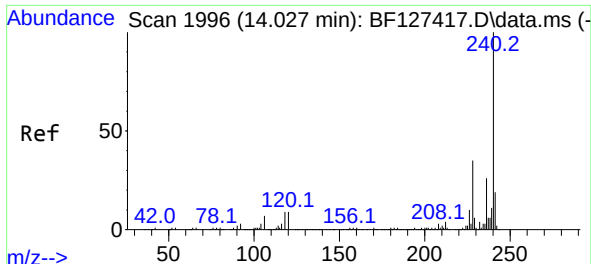
Ion Ratio Lower Upper

188 100

94 10.2 7.4 11.0

80 11.3 8.0 12.0

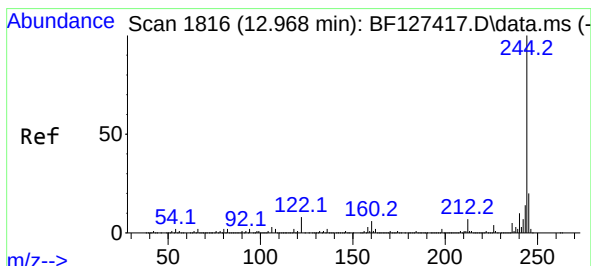
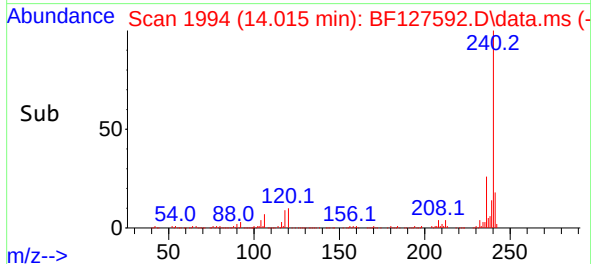
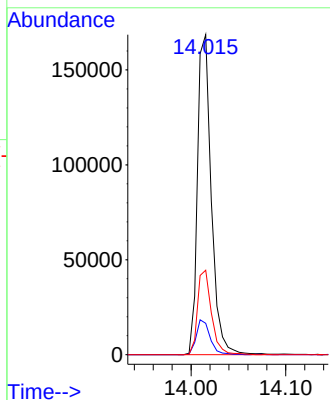
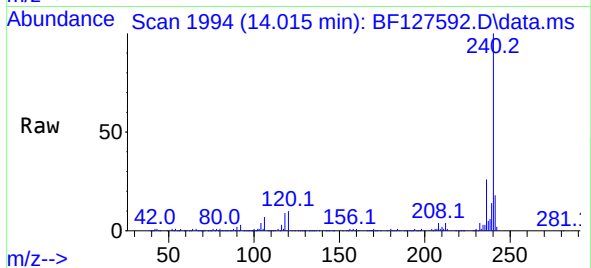




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

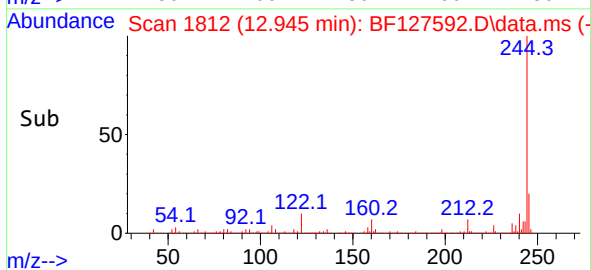
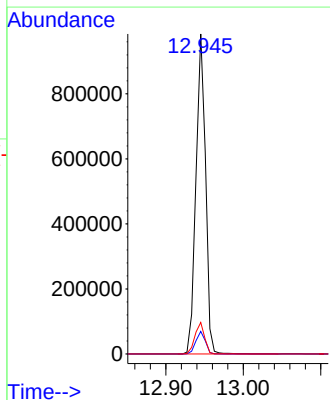
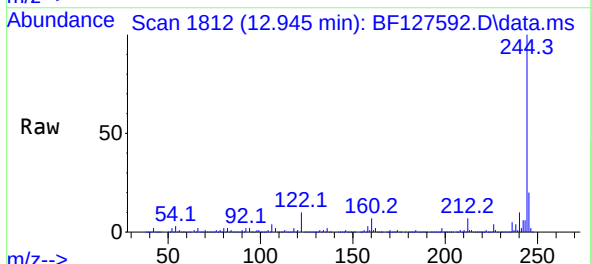
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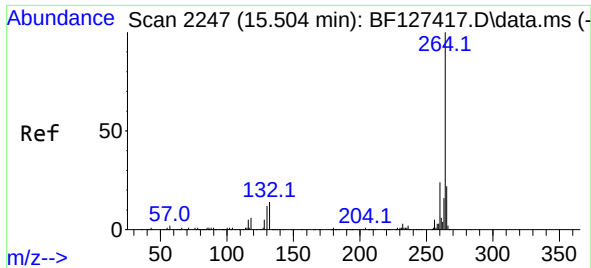
Tgt Ion:240 Resp: 171322
Ion Ratio Lower Upper
240 100
120 9.8 7.1 10.7
236 26.4 20.7 31.1



#79
Terphenyl-d14
Concen: 80.651 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF127592.D
Acq: 30 Mar 2022 17:15

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# 21
 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:264 Resp: 175057

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.1	28.7
265	22.6	17.4	26.2

