

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021422\
 Data File : BF126878.D
 Acq On : 14 Feb 2022 18:35
 Operator : CG\JU
 Sample : N1513-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220068-098-21-SITE-WATER

Quant Time: Feb 15 01:01:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	109078	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	438700	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	228412	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	412621	20.000	ng	0.00
76) Chrysene-d12	14.110	240	195006	20.000	ng	-0.01
86) Perylene-d12	15.621	264	195845	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	482553	68.113	ng	0.00
7) Phenol-d6	6.551	99	464198	48.536	ng	-0.01
23) Nitrobenzene-d5	7.504	82	854952	89.919	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	345180	140.962	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1361584	89.731	ng	0.00
79) Terphenyl-d14	13.057	244	1256839	92.396	ng	0.00

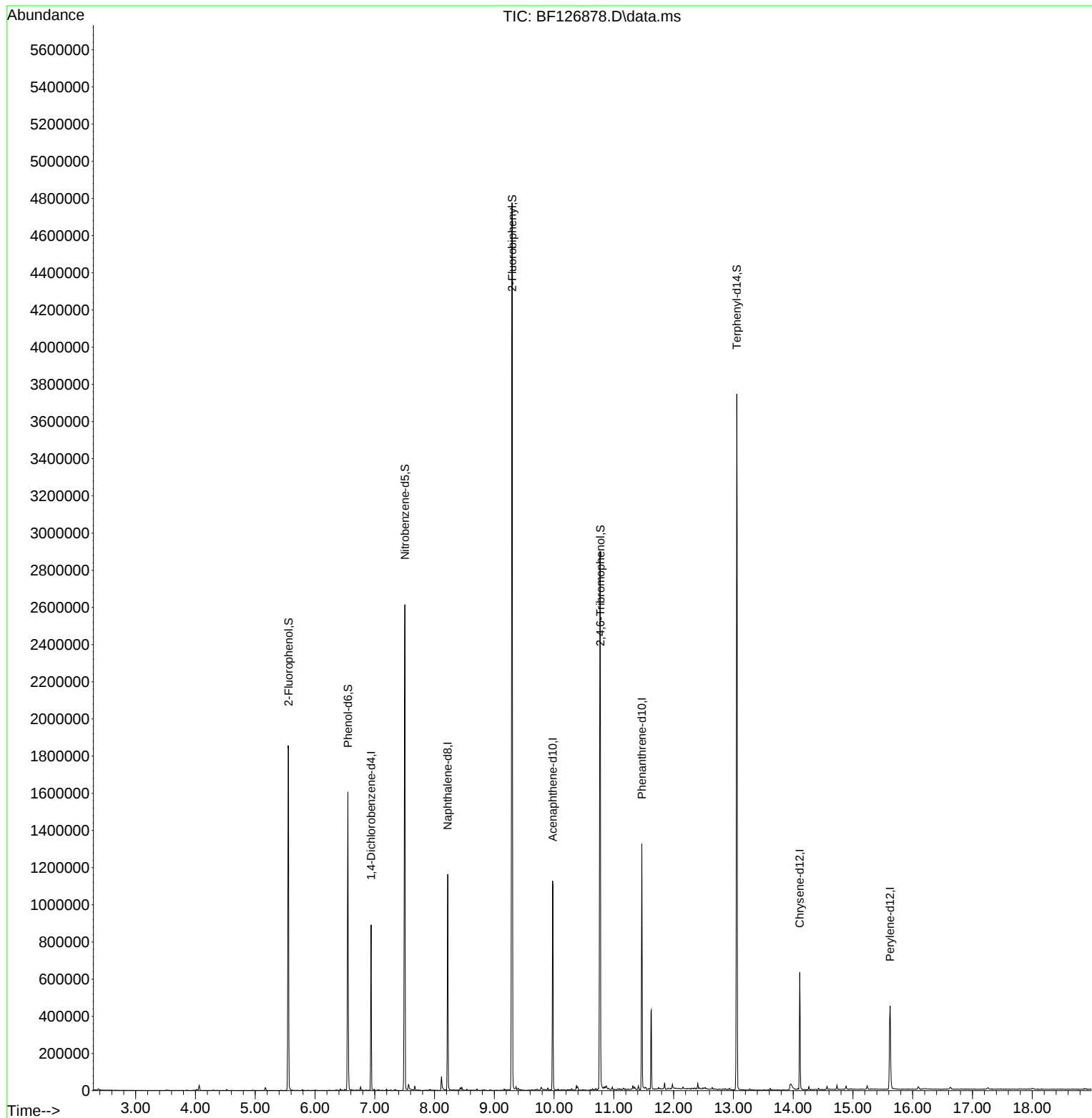
Target Compounds	Qvalue

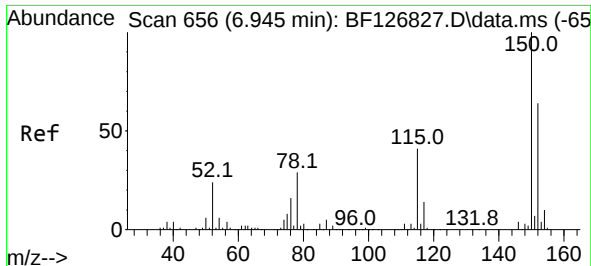
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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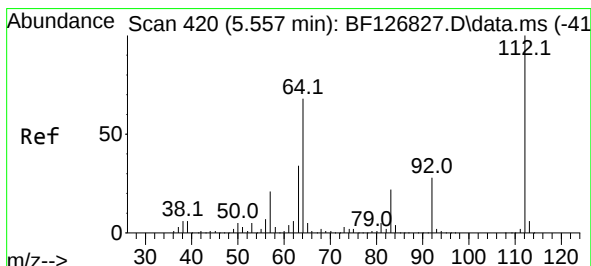
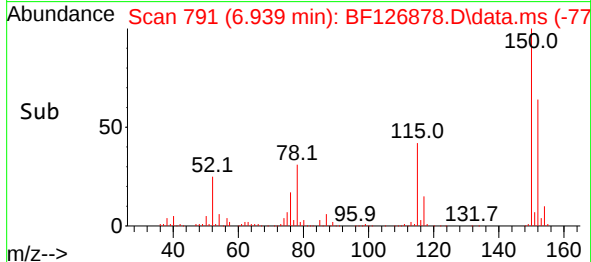
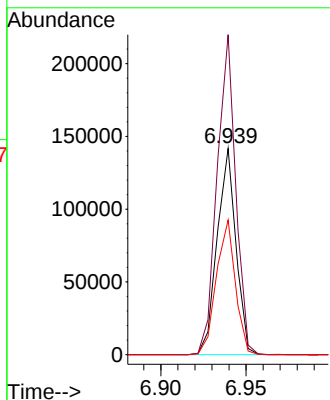
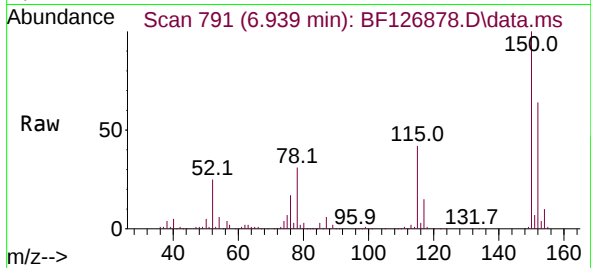




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126878.D
Acq: 14 Feb 2022 18:35

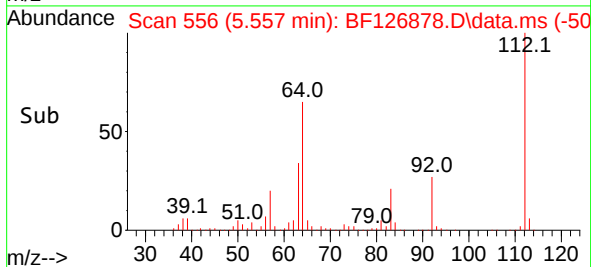
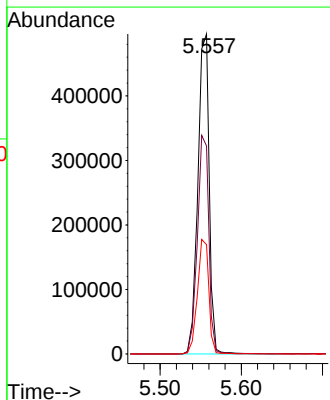
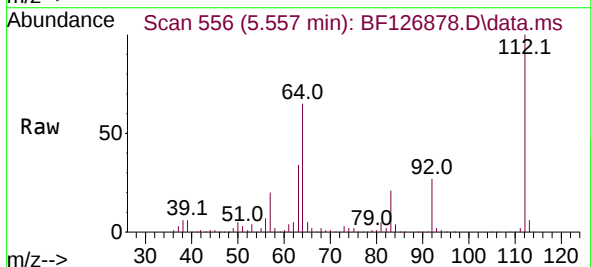
Instrument :
BNA_F
ClientSampleId :
20220068-098-21-SITE-WATER

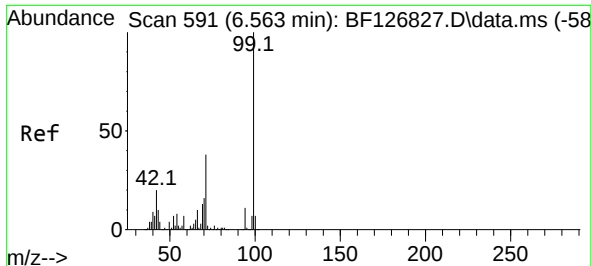
Tgt Ion:152 Resp: 109078
Ion Ratio Lower Upper
152 100
150 155.1 124.3 186.5
115 65.3 50.5 75.7



#5
2-Fluorophenol
Concen: 68.113 ng
RT: 5.557 min Scan# 556
Delta R.T. -0.000 min
Lab File: BF126878.D
Acq: 14 Feb 2022 18:35

Tgt Ion:112 Resp: 482553
Ion Ratio Lower Upper
112 100
64 65.0 54.3 81.5
63 34.2 27.5 41.3

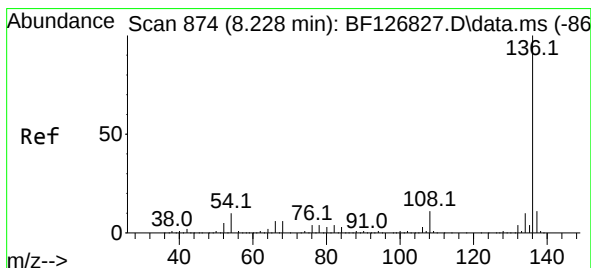
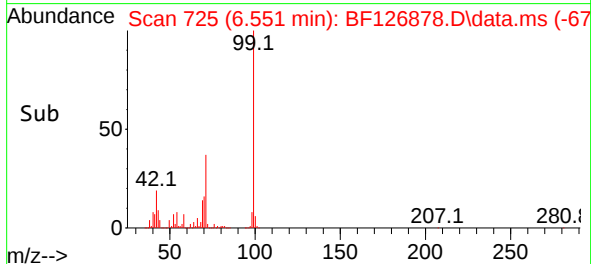
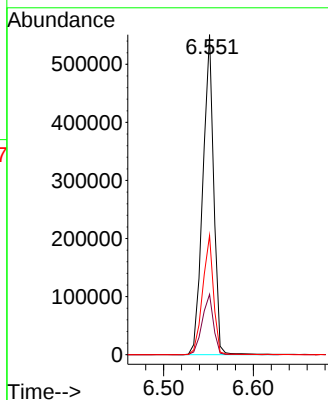
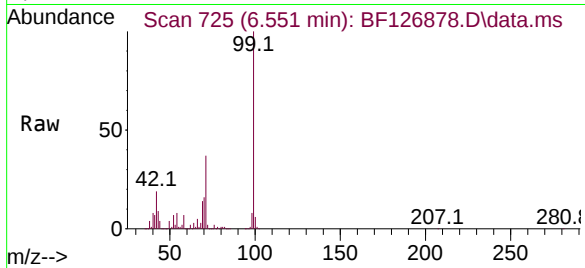




#7
Phenol-d6
Concen: 48.536 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126878.D
Acq: 14 Feb 2022 18:35

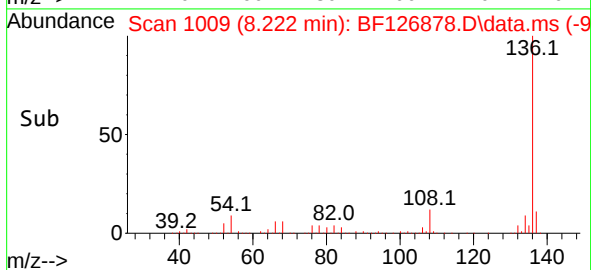
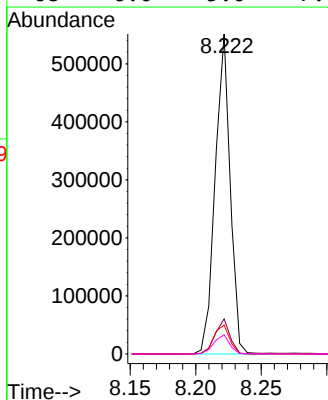
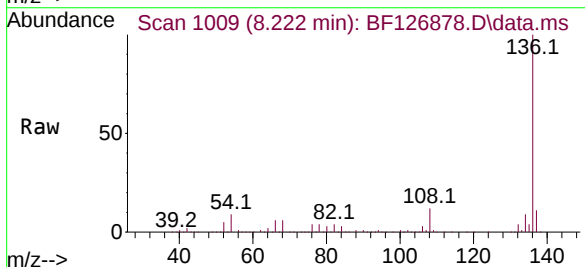
Instrument :
BNA_F
ClientSampleId :
20220068-098-21-SITE-WATER

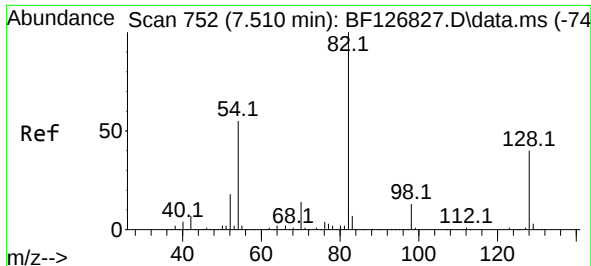
Tgt Ion: 99 Resp: 464198
Ion Ratio Lower Upper
99 100
42 18.8 15.8 23.6
71 37.3 30.6 45.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF126878.D
Acq: 14 Feb 2022 18:35

Tgt Ion: 136 Resp: 438700
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.1 8.0 12.0
68 6.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 89.919 ng

RT: 7.504 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF126878.D

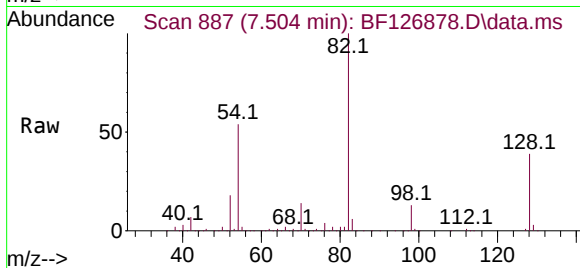
Acq: 14 Feb 2022 18:35

Instrument :

BNA_F

ClientSampleId :

20220068-098-21-SITE-WATER



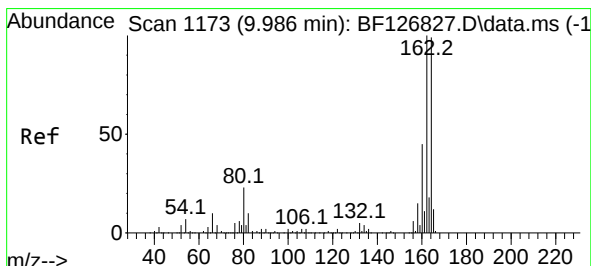
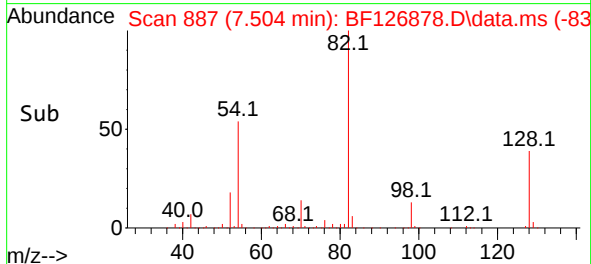
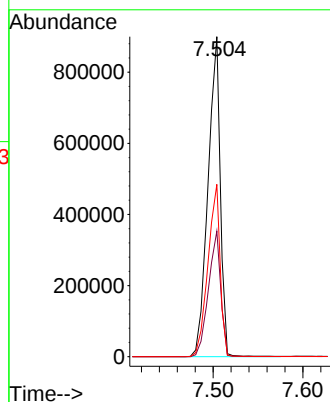
Tgt Ion: 82 Resp: 854952

Ion Ratio Lower Upper

82 100

128 39.2 31.6 47.4

54 53.8 43.7 65.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BF126878.D

Acq: 14 Feb 2022 18:35

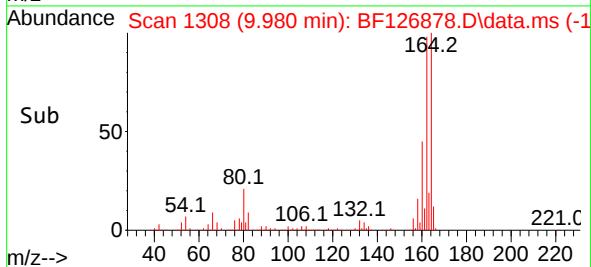
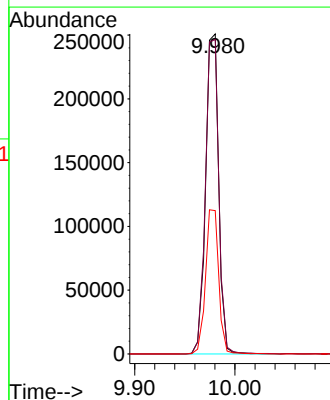
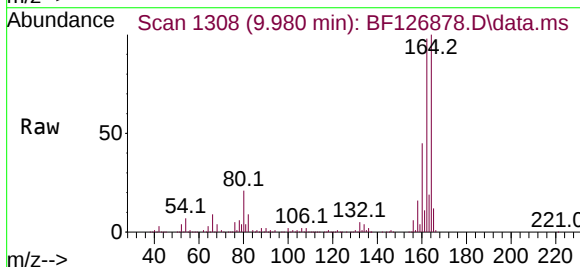
Tgt Ion: 164 Resp: 228412

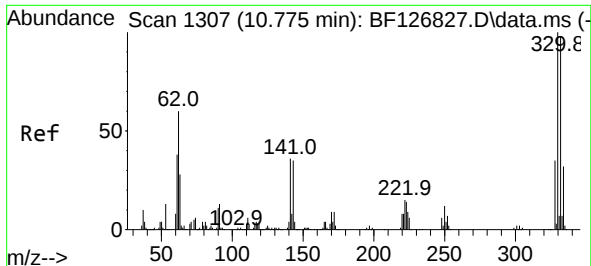
Ion Ratio Lower Upper

164 100

162 98.3 80.9 121.3

160 44.8 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 140.962 ng

RT: 10.774 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF126878.D

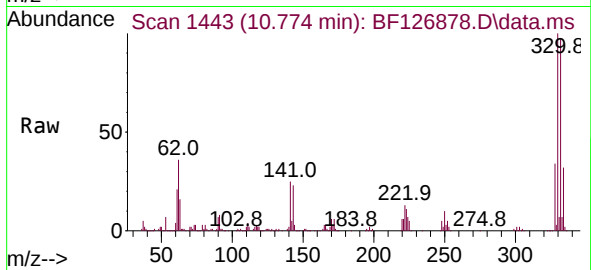
Acq: 14 Feb 2022 18:35

Instrument :

BNA_F

ClientSampleId :

20220068-098-21-SITE-WATER



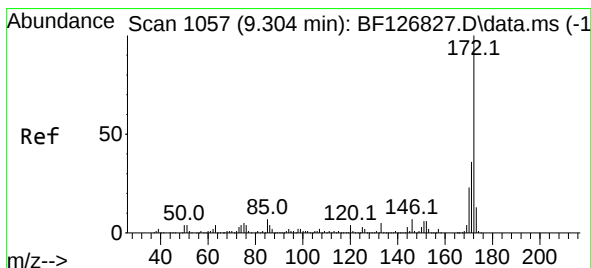
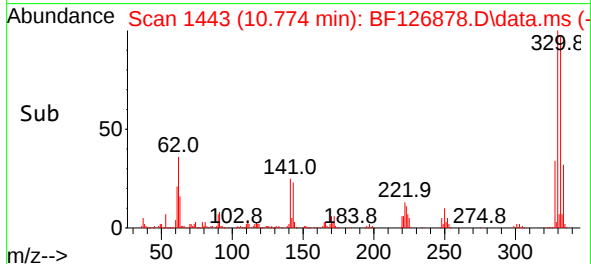
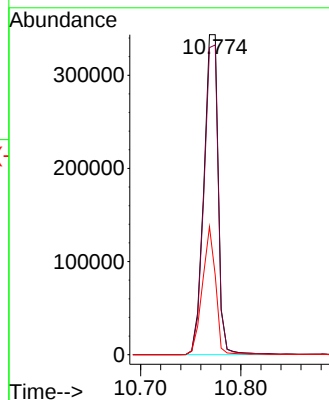
Tgt Ion:330 Resp: 345180

Ion Ratio Lower Upper

330 100

332 96.3 78.2 117.4

141 36.6 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 89.731 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126878.D

Acq: 14 Feb 2022 18:35

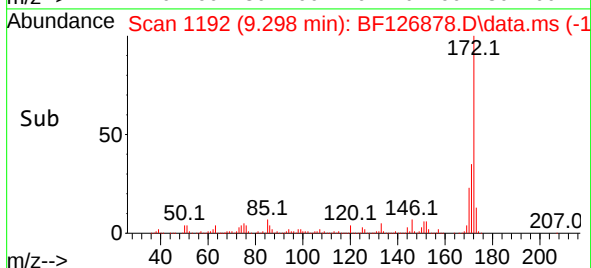
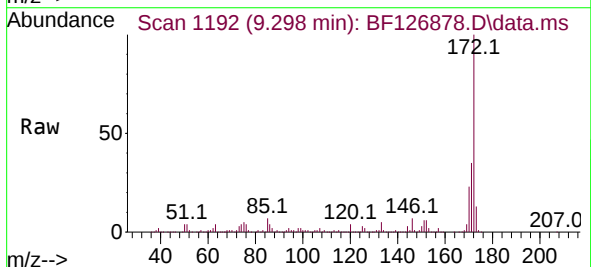
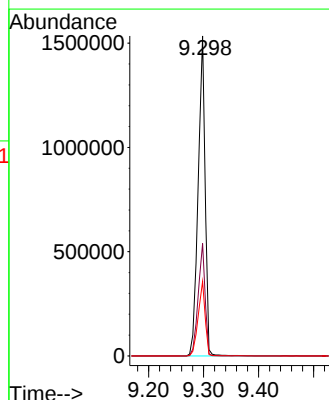
Tgt Ion:172 Resp: 1361584

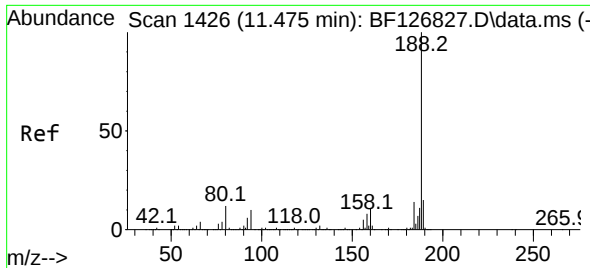
Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

170 23.3 18.7 28.1

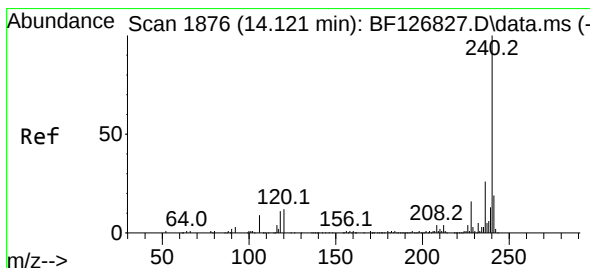
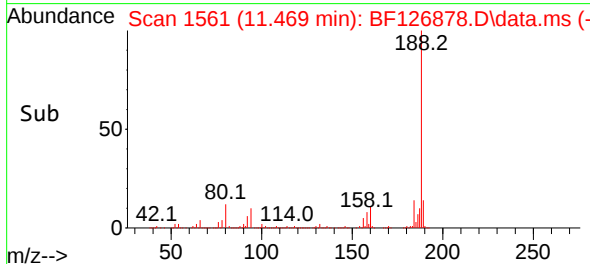
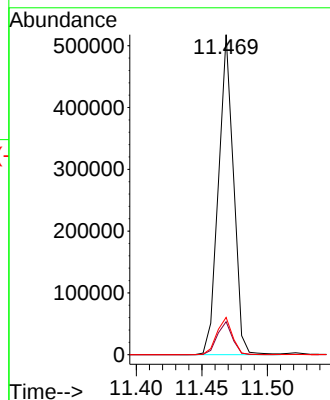
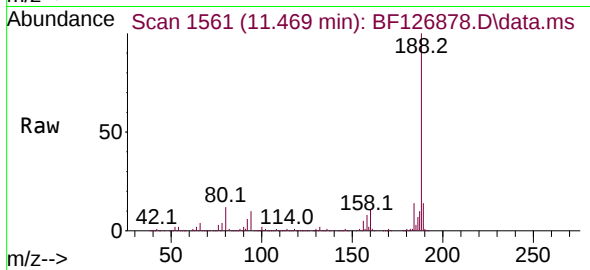




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126878.D
Acq: 14 Feb 2022 18:35

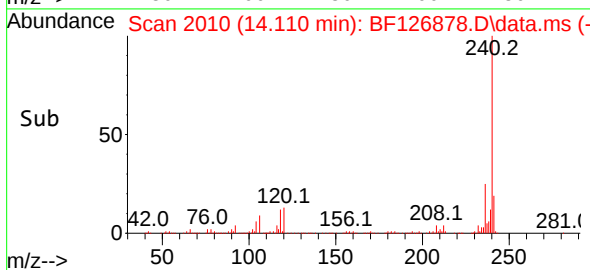
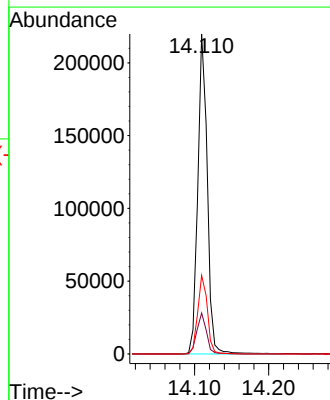
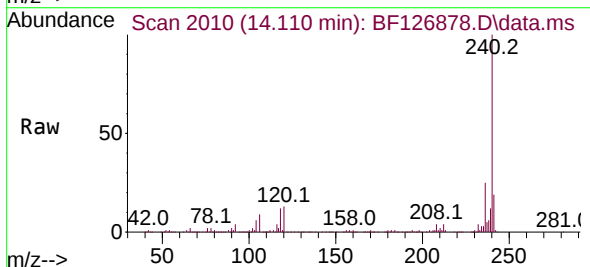
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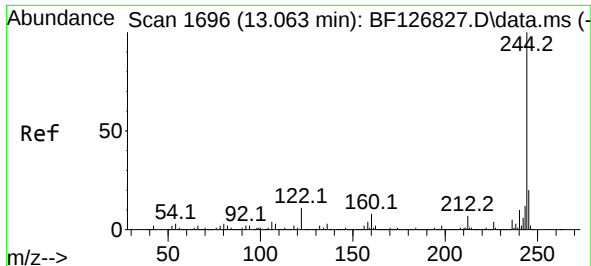
Tgt Ion:188 Resp: 412621
Ion Ratio Lower Upper
188 100
94 10.3 8.1 12.1
80 11.7 9.5 14.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF126878.D
Acq: 14 Feb 2022 18:35

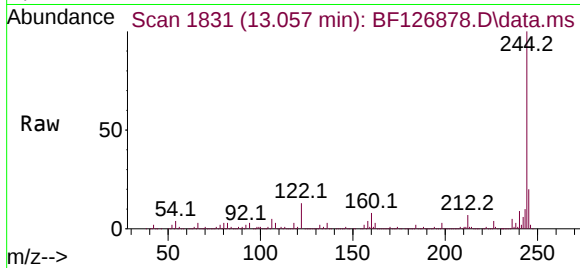
Tgt Ion:240 Resp: 195006
Ion Ratio Lower Upper
240 100
120 12.8 9.8 14.6
236 24.6 20.5 30.7





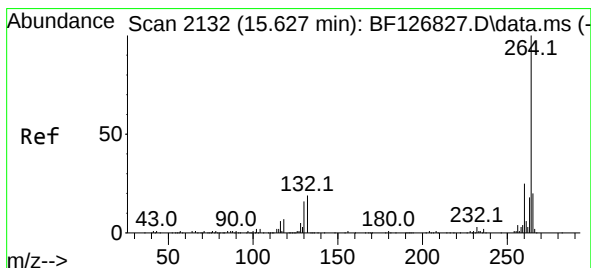
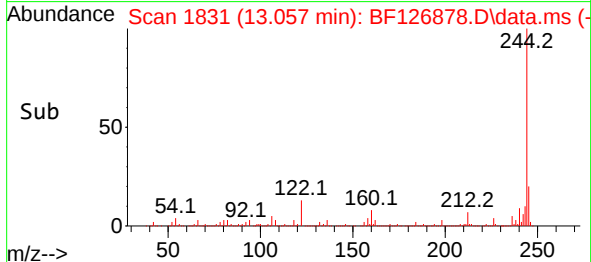
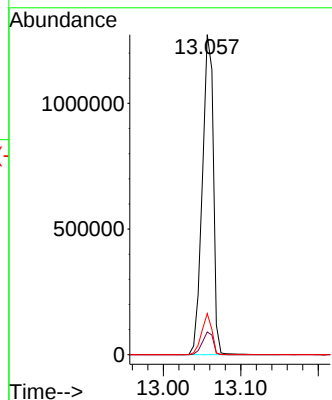
#79
 Terphenyl-d14
 Concen: 92.396 ng
 RT: 13.057 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126878.D
 Acq: 14 Feb 2022 18:35

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1256839

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	12.9	9.0	13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF126878.D
 Acq: 14 Feb 2022 18:35

Tgt Ion:264 Resp: 195845

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.0	15.9	23.9

