

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
 Data File : BP002463.D
 Acq On : 19 Jun 2020 17:43
 Operator : CG/JU
 Sample : L3048-02RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GROUNDWATERRE

Quant Time: Jun 20 02:23:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	210205	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	835084	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	479142	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	915162	20.00	ng	-0.01
76) Chrysene-d12	21.09	240	668600	20.00	ng	-0.02
86) Perylene-d12	23.29	264	773069	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	692828	60.99	ng	0.00
7) Phenol-d6	6.77	99	569718	37.67	ng	-0.01
23) Nitrobenzene-d5	8.73	82	1327184	94.91	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	628865	137.08	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2502539	87.82	ng	0.00
79) Terphenyl-d14	19.58	244	3014290	130.86	ng	0.00

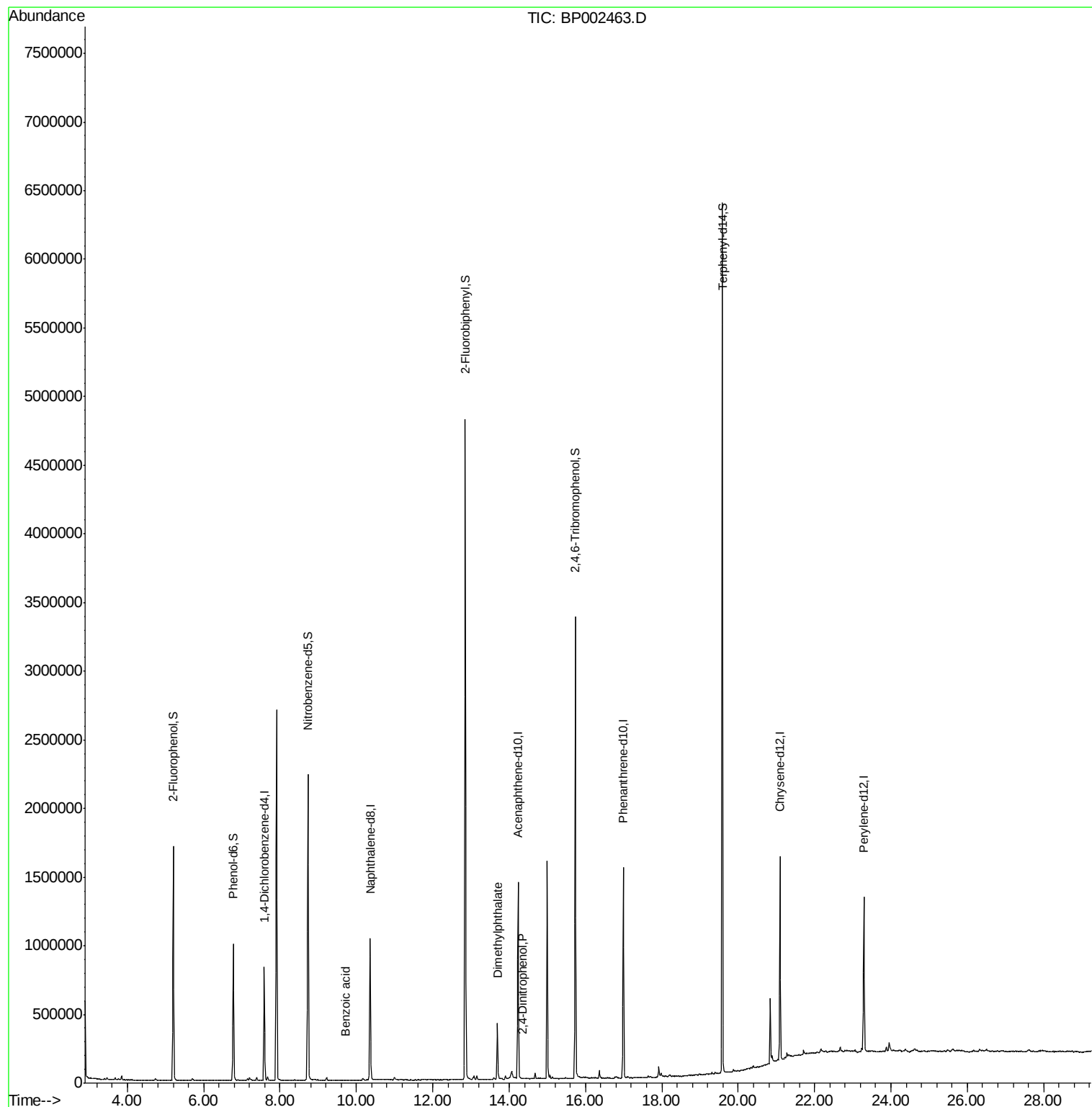
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.72	77	166	Below Cal	#	55
32) Benzoic acid	9.70	122	47	4.604 ng	#	54
50) Dimethylphthalate	13.69	163	274174	8.351 ng		99
54) 2,4-Dinitrophenol	14.35	184	25	2.792 ng	#	1
61) 4-Chlorophenyl-phenylether	15.27	204	49	Below Cal	#	20

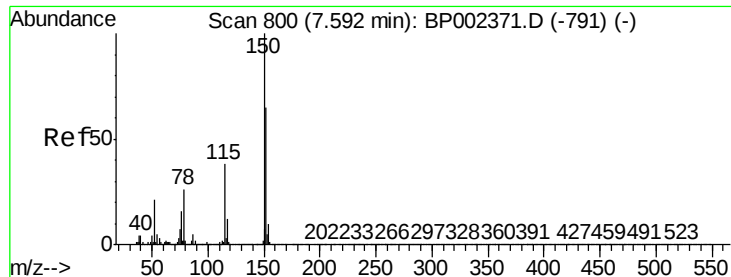
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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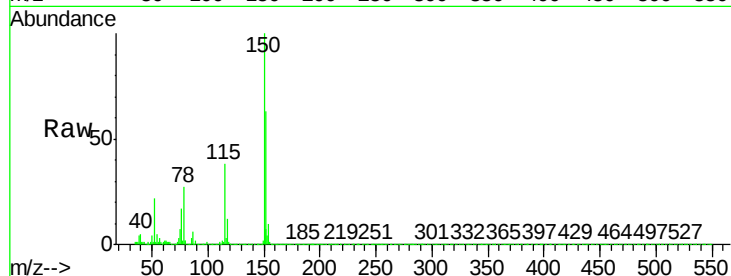


#1

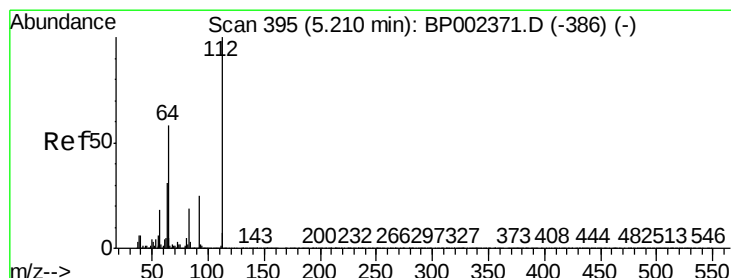
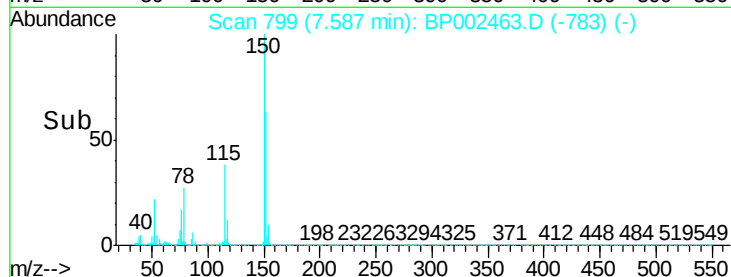
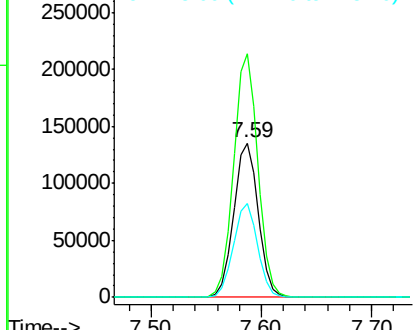
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002463.D
Acq: 19 Jun 2020 17:43

Instrument :
BNA_P
ClientSampleId :
GROUNDWATERRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.0	186.0
115	60.5	47.4	71.0



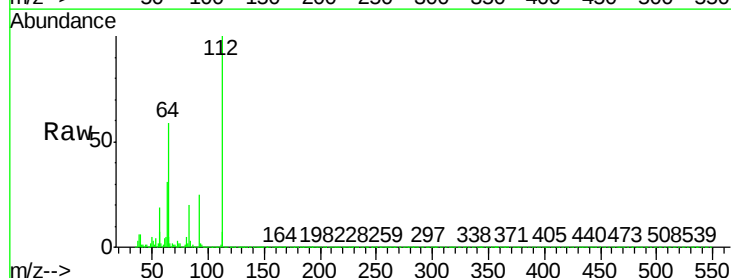
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



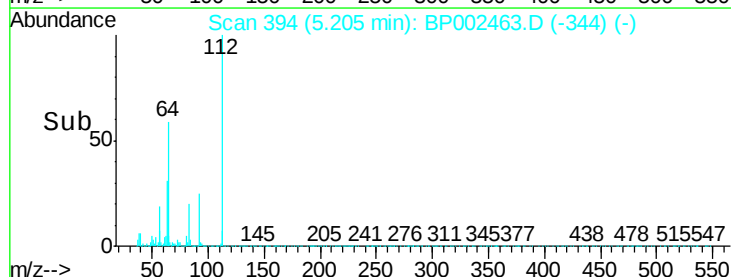
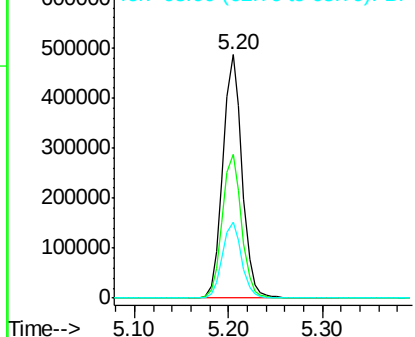
#5

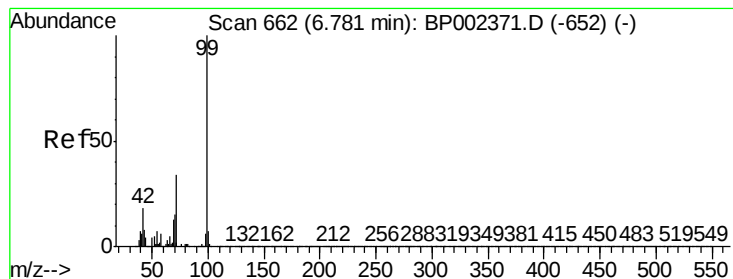
2-Fluorophenol
Concen: 60.989 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.01 min
Lab File: BP002463.D
Acq: 19 Jun 2020 17:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.2	69.2
63	31.5	24.5	36.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 37.669 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.01 min

Lab File: BP002463.D

Acq: 19 Jun 2020 17:43

Instrument :

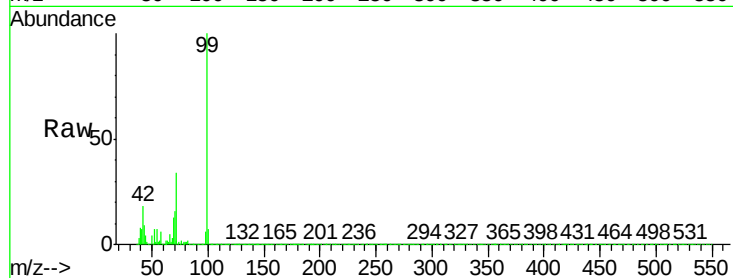
BNA_P

ClientSampleId :

GROUNDWATERRE

Tot Ion: 99 Resp: 569718

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.6	22.0
71	33.8	27.2	40.8

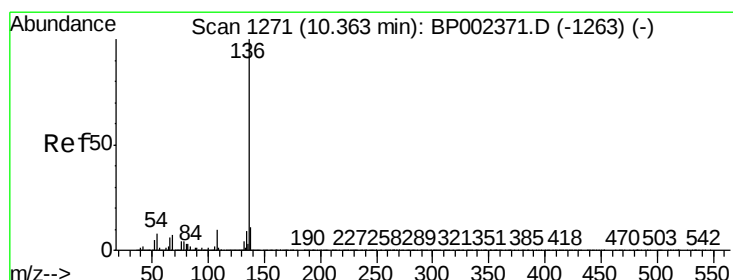
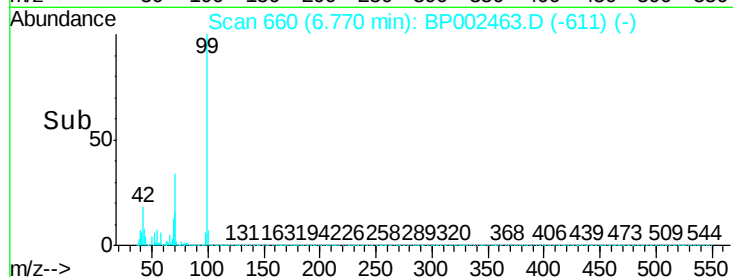
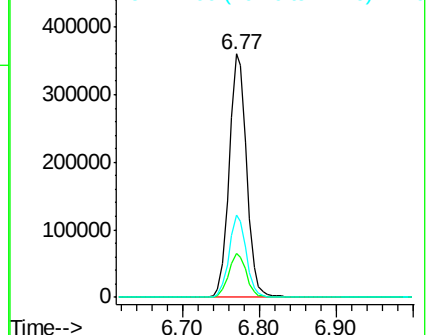


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

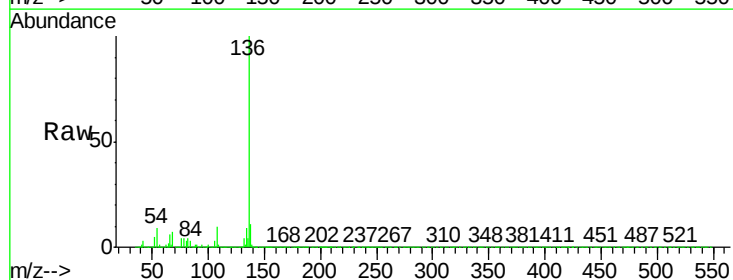
Delta R.T. -0.01 min

Lab File: BP002463.D

Acq: 19 Jun 2020 17:43

Tgt Ion: 136 Resp: 835084

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.0	6.4	9.6
68	7.0	5.6	8.4



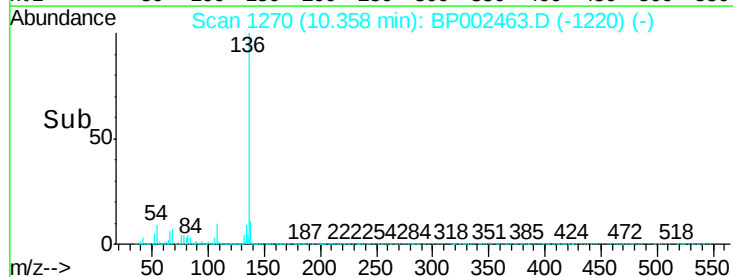
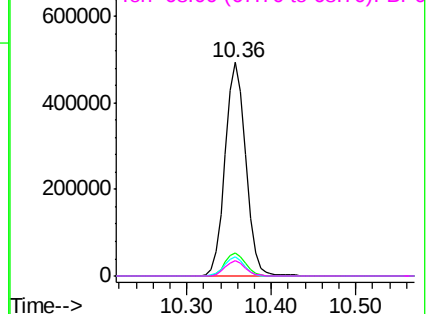
Abundance

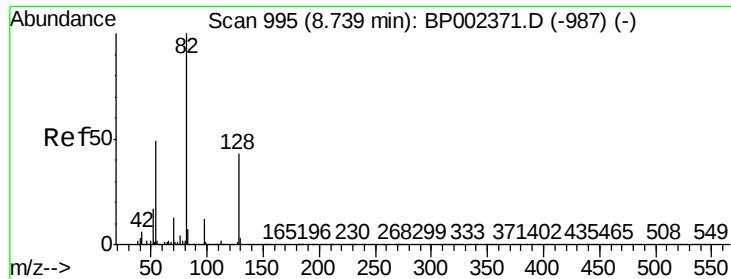
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

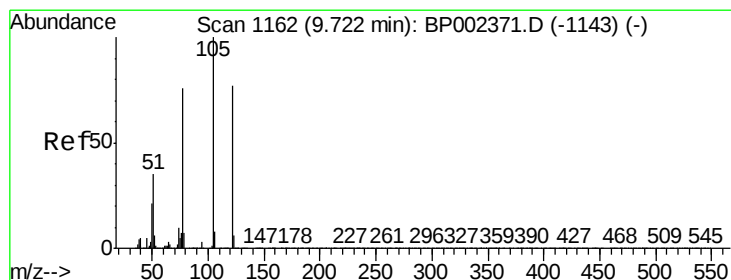
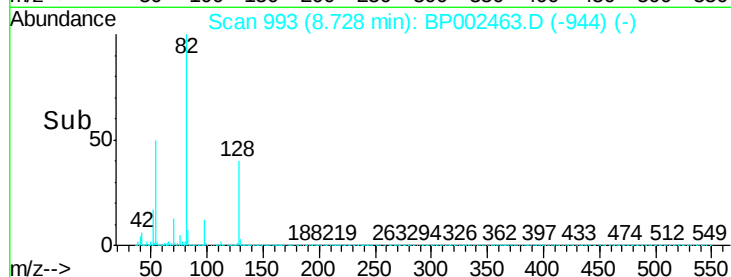
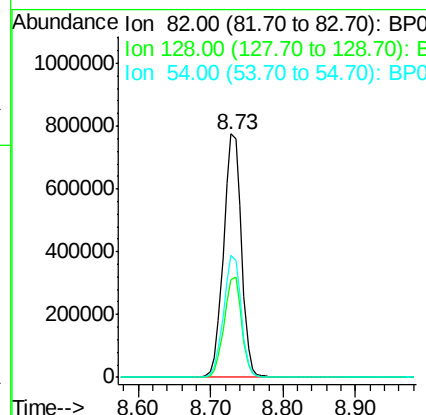
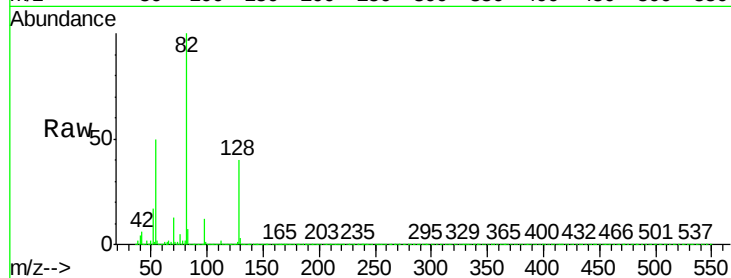




#23
 Nitrobenzene-d5
 Concen: 94.910 ng
 RT: 8.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BP002463.D
 Acq: 19 Jun 2020 17:43

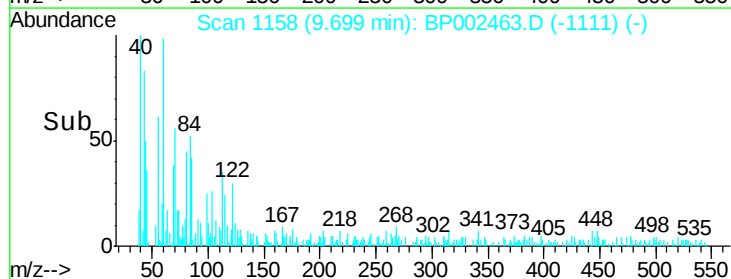
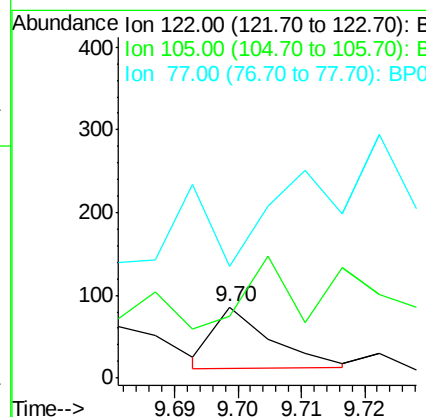
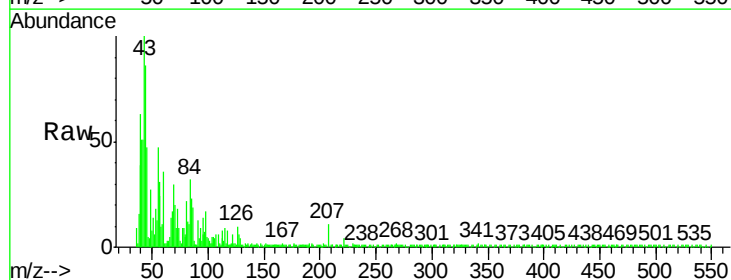
Instrument :
 BNA_P
 ClientSampleId :
 GROUNDWATERRE

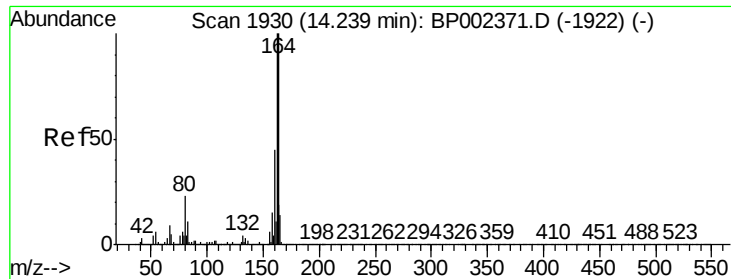
Tot Ion: 82 Resp: 1327184
 Ion Ratio Lower Upper
 82 100
 128 40.4 34.5 51.7
 54 50.2 39.4 59.2



#32
 Benzoic acid
 Concen: 4.604 ng
 RT: 9.70 min Scan# 1158
 Delta R.T. -0.02 min
 Lab File: BP002463.D
 Acq: 19 Jun 2020 17:43

Tgt Ion: 122 Resp: 47
 Ion Ratio Lower Upper
 122 100
 105 87.2 106.3 146.3#
 77 157.0 77.5 117.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP002463.D

Acq: 19 Jun 2020 17:43

Instrument :

BNA_P

ClientSampleId :

GROUNDWATERRE

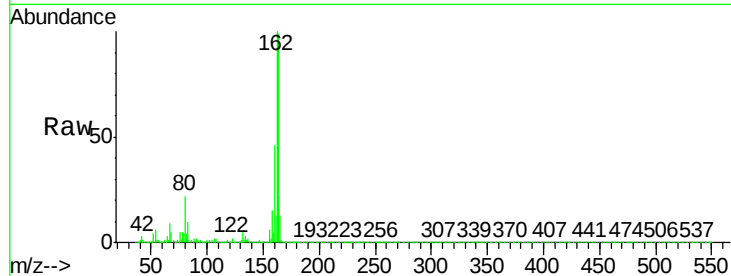
Tot Ion:164 Resp: 479142

Ion Ratio Lower Upper

164 100

162 101.1 79.8 119.8

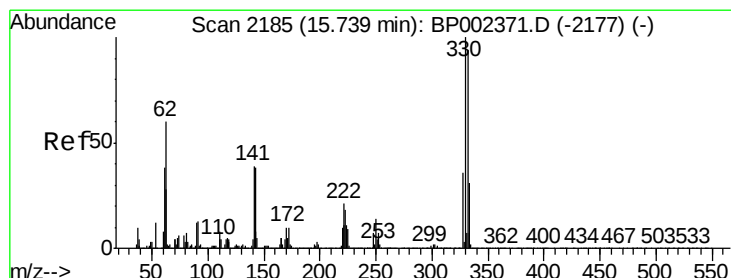
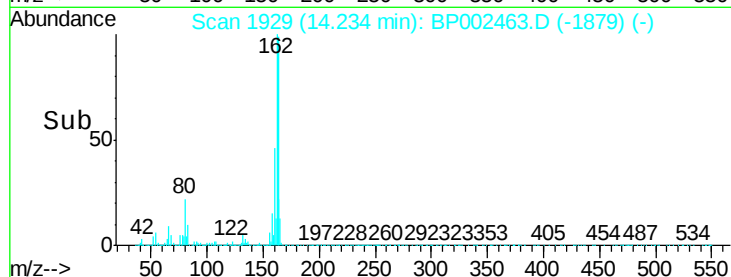
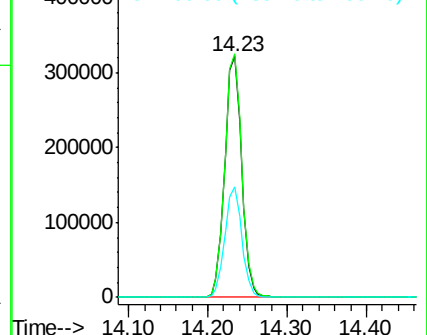
160 46.0 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 137.084 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002463.D

Acq: 19 Jun 2020 17:43

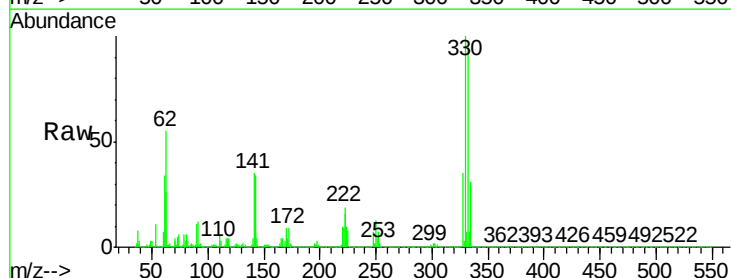
Tgt Ion:330 Resp: 628865

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

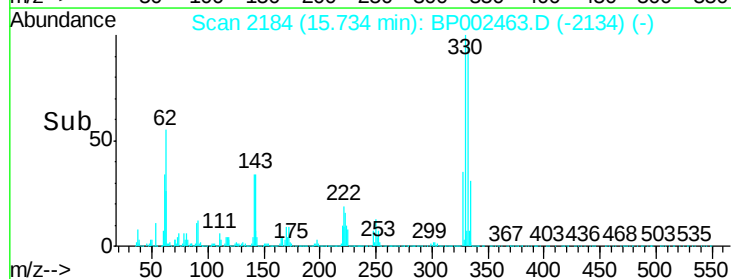
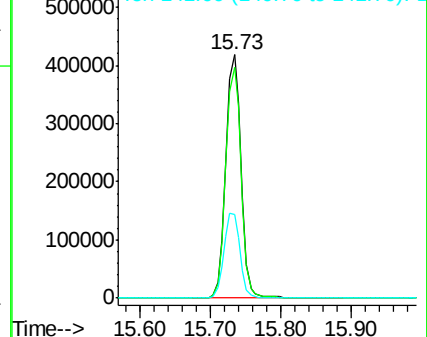
141 36.7 30.3 45.5

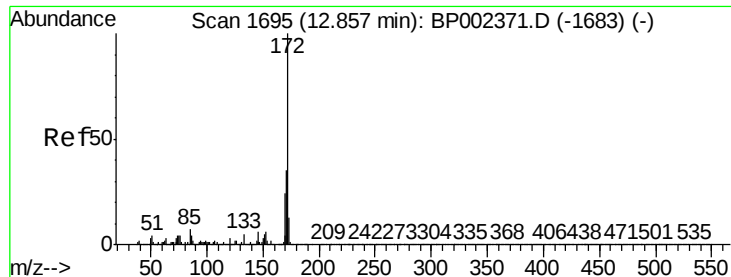


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

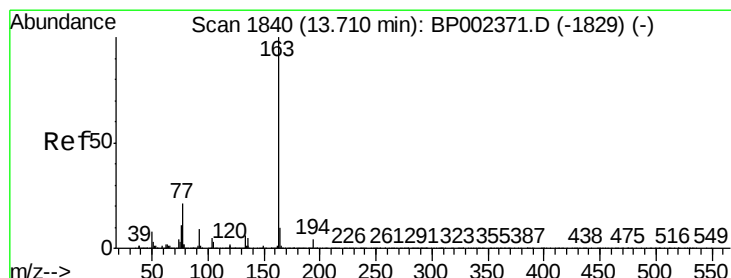
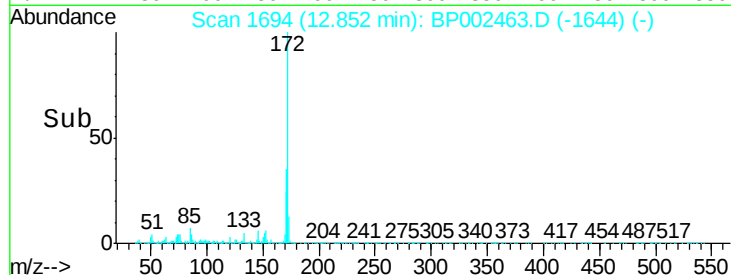
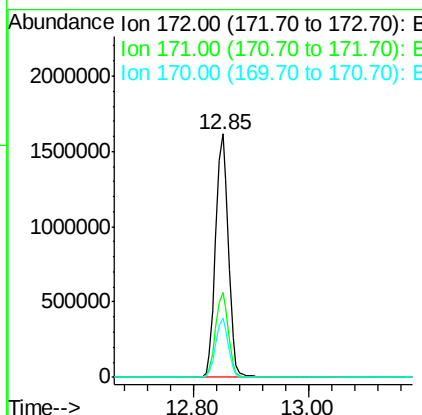
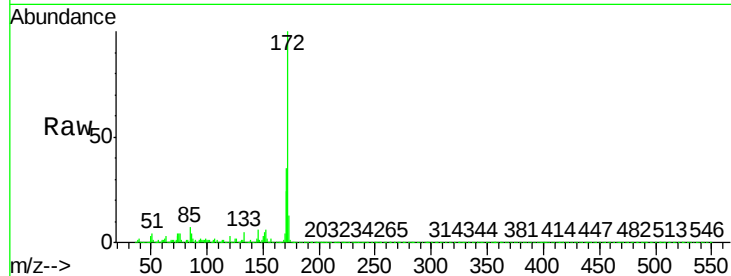




#45
2-Fluorobiphenyl
Concen: 87.820 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002463.D
Acq: 19 Jun 2020 17:43

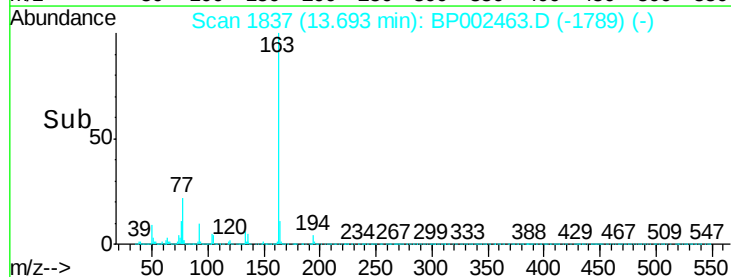
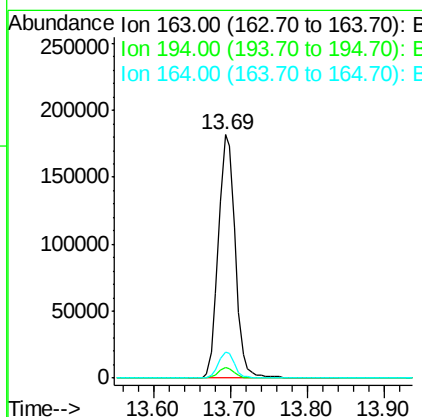
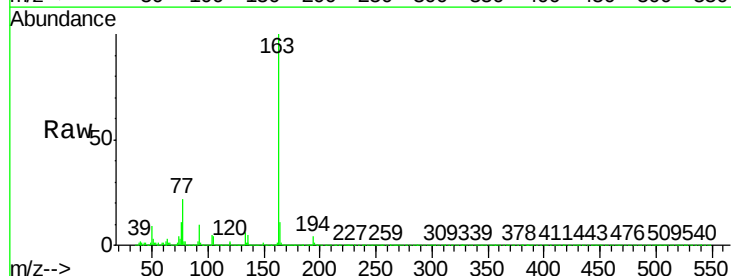
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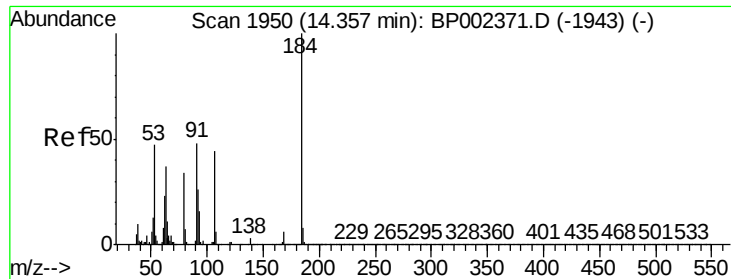
Tot Ion:172 Resp: 2502539
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 24.4 19.0 28.6



#50
Dimethylphthalate
Concen: 8.351 ng
RT: 13.69 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BP002463.D
Acq: 19 Jun 2020 17:43

Tgt Ion:163 Resp: 274174
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.6 8.1 12.1

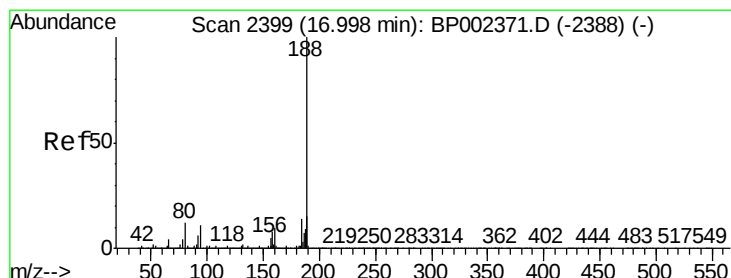
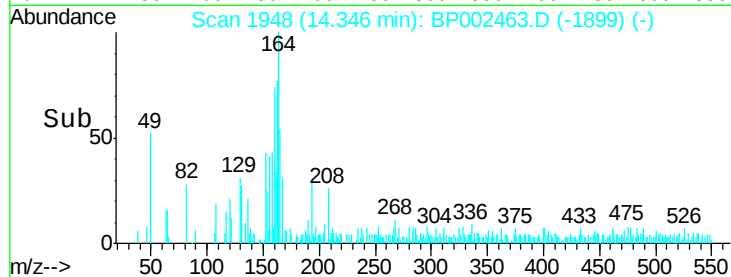
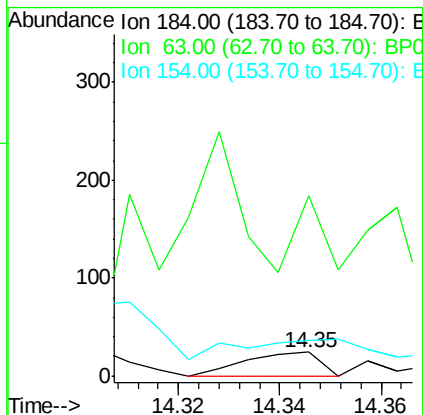
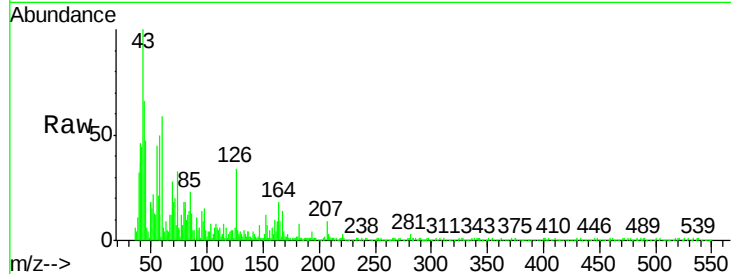




#54
2,4-Dinitrophenol
Concen: 2.792 ng
RT: 14.35 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP002463.D
Acq: 19 Jun 2020 17:43

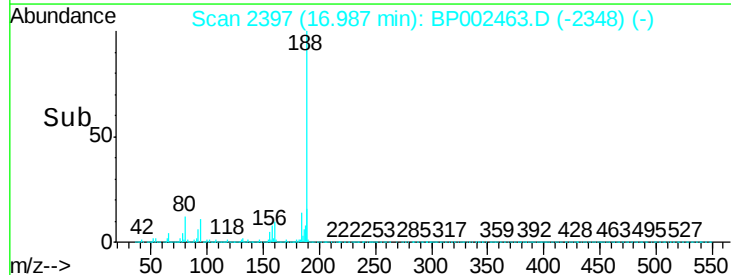
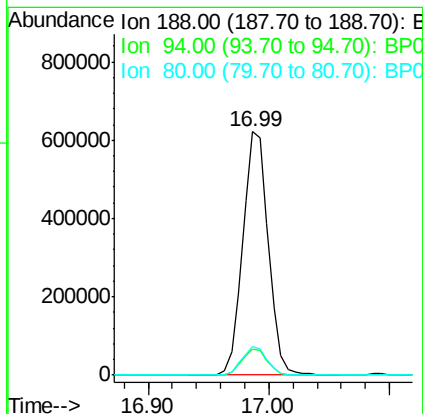
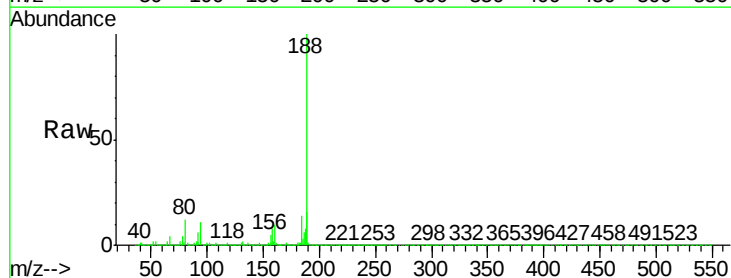
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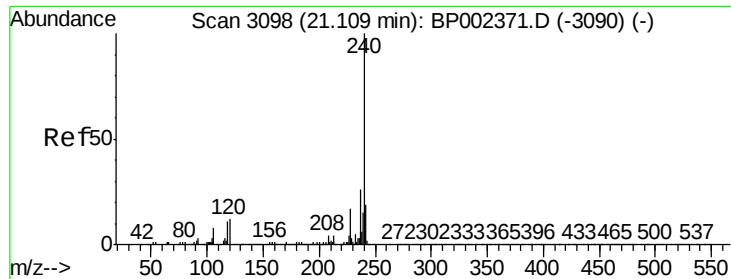
Tot Ion:184 Resp: 25
Ion Ratio Lower Upper
184 100
63 766.7 52.3 78.5#
154 150.0 48.6 72.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BP002463.D
Acq: 19 Jun 2020 17:43

Tgt Ion:188 Resp: 915162
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.9 9.4 14.0

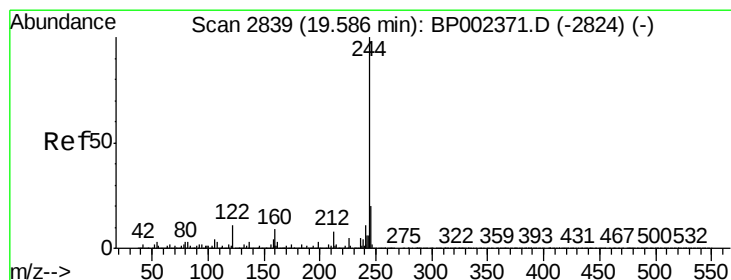
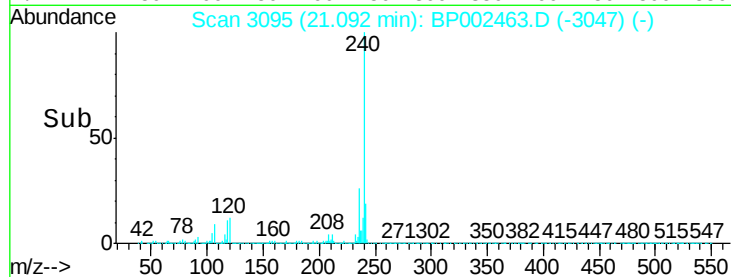
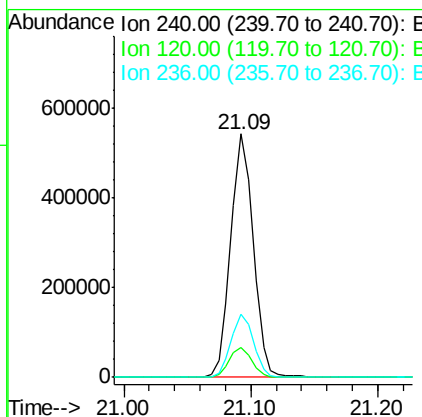
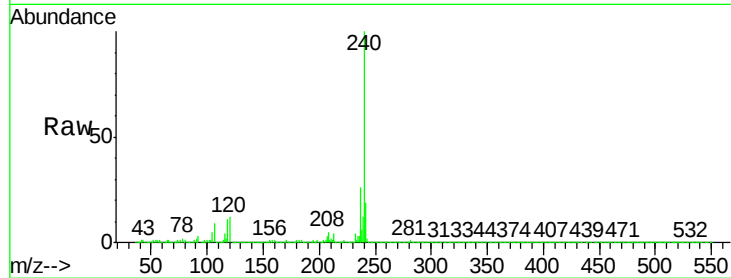




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BP002463.D
Acq: 19 Jun 2020 17:43

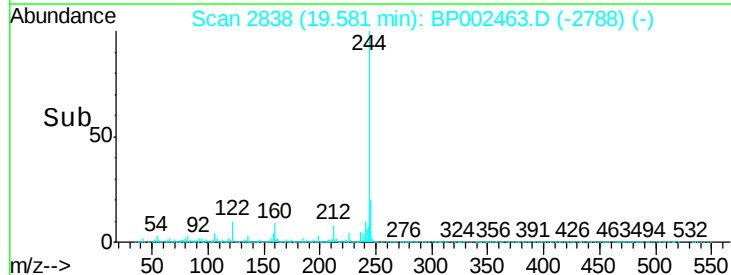
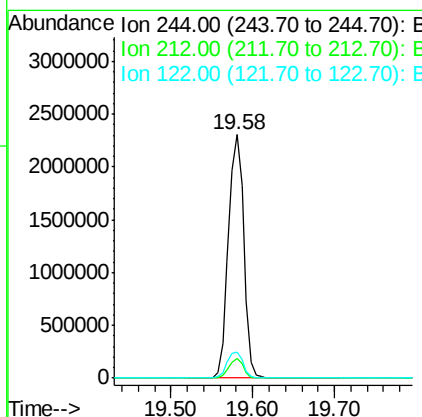
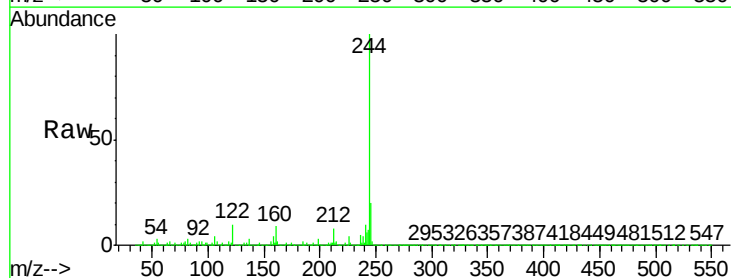
Instrument :
BNA_P
ClientSampleId :
GROUNDWATERRE

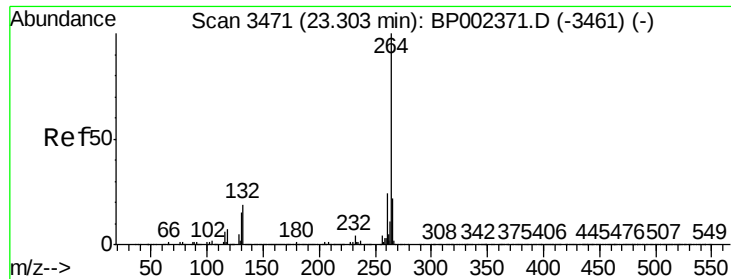
Tot Ion:240 Resp: 668600
Ion Ratio Lower Upper
240 100
120 12.3 9.3 13.9
236 25.8 21.0 31.6



#79
Terphenyl-d14
Concen: 130.858 ng
RT: 19.58 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BP002463.D
Acq: 19 Jun 2020 17:43

Tgt Ion:244 Resp: 3014290
Ion Ratio Lower Upper
244 100
212 7.9 6.6 10.0
122 10.5 8.8 13.2





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BP002463.D
Acq: 19 Jun 2020 17:43

Instrument :
BNA_P
ClientSampleId :
GROUNDWATERRE

Tot Ion: 264 Resp: 773069

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	21.8	17.4	26.2

