

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 02:34:50 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

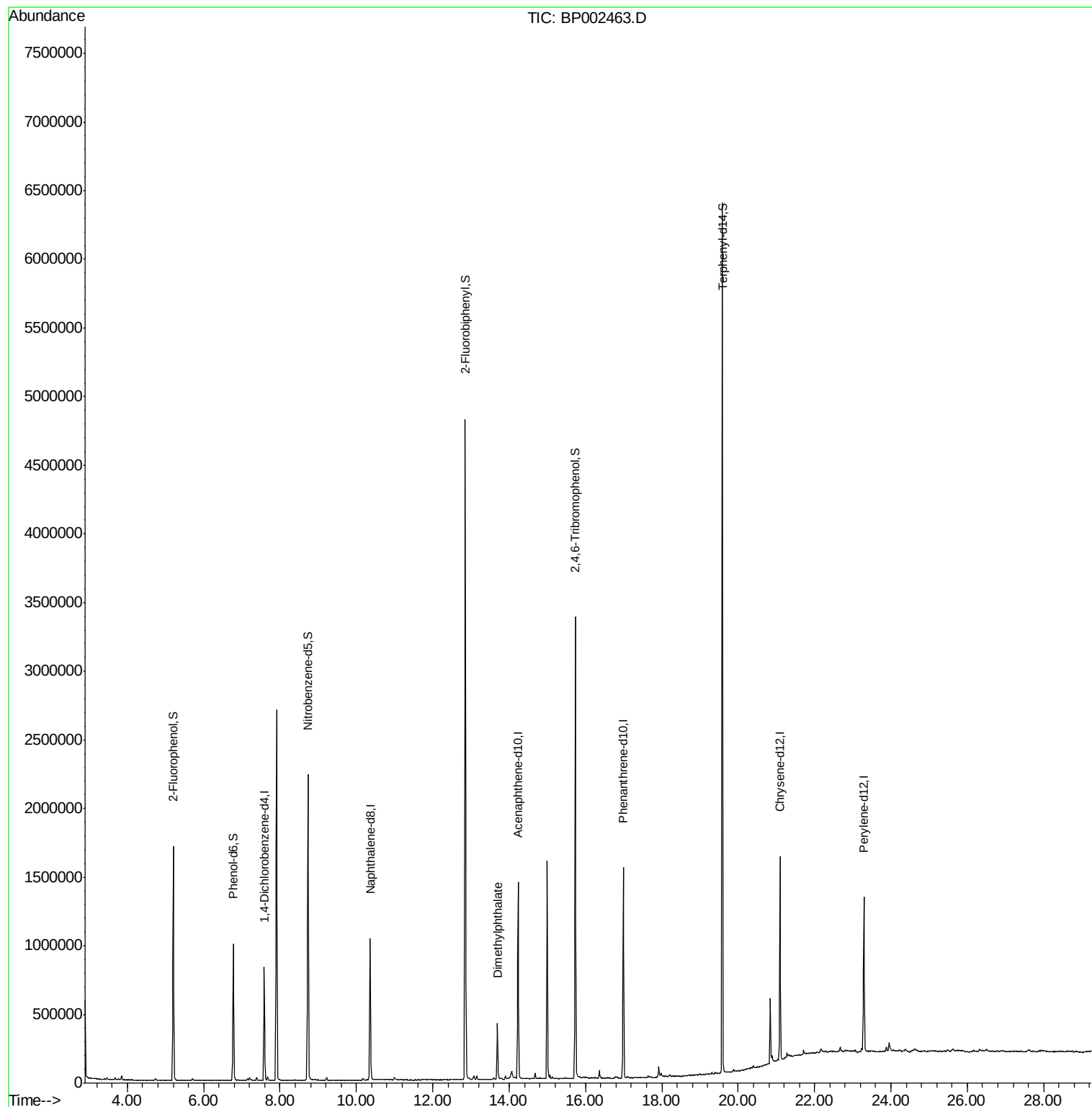
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	210205	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	835084	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	479142	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	915162	20.00	ng	-0.01
76) Chrysene-d12	21.09	240	668600	20.00	ng	-0.02
86) Perylene-d12	23.29	264	773069	20.00	ng	-0.01
System Monitoring Compounds						
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						
50) Dimethylphthalate	13.69	163	274174	8.351	ng	Qvalue 99

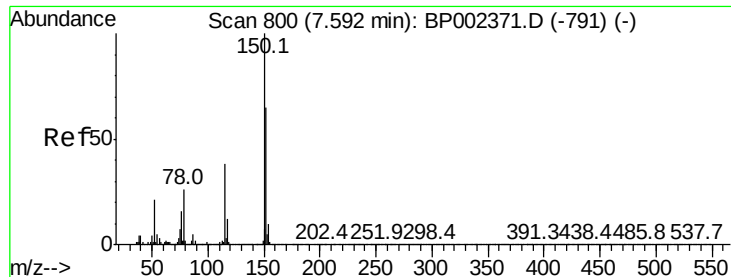
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

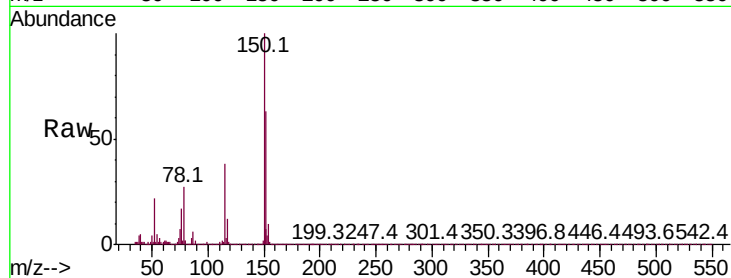
Tot Ion:152 Resp: 210205

Ion Ratio Lower Upper

152 100

150 157.8 124.0 186.0

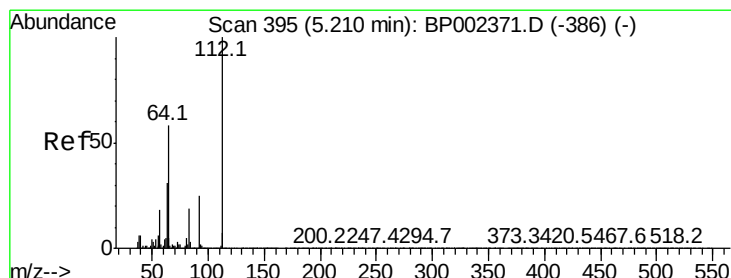
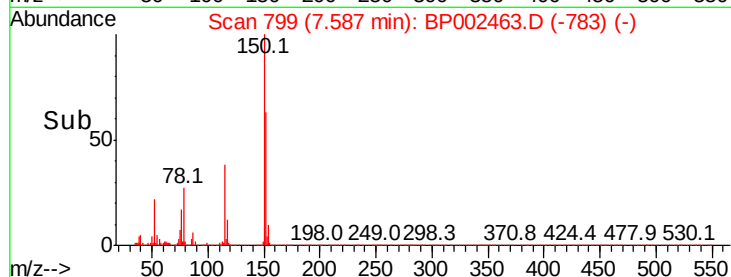
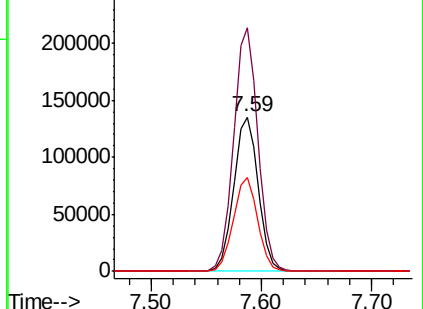
115 60.5 47.4 71.0



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

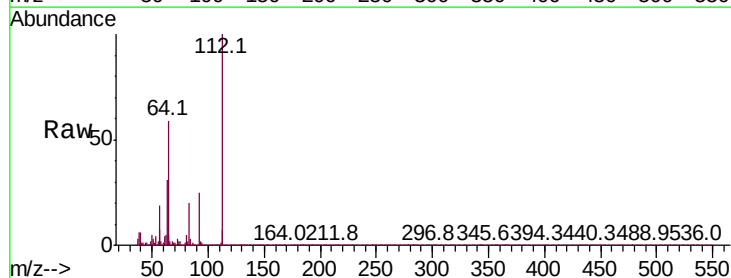
Tgt Ion:112 Resp: 692828

Ion Ratio Lower Upper

112 100

64 59.1 46.2 69.2

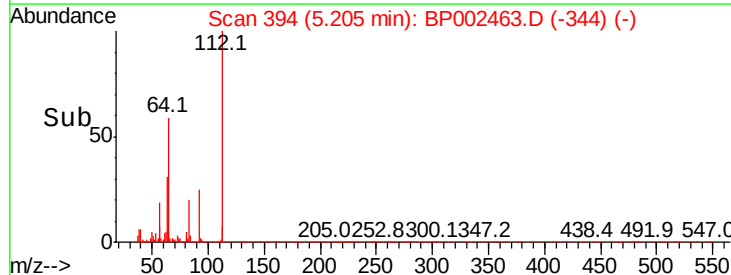
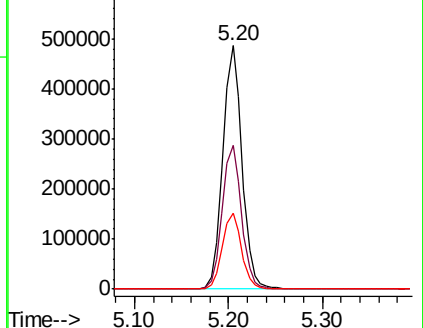
63 31.5 24.5 36.7

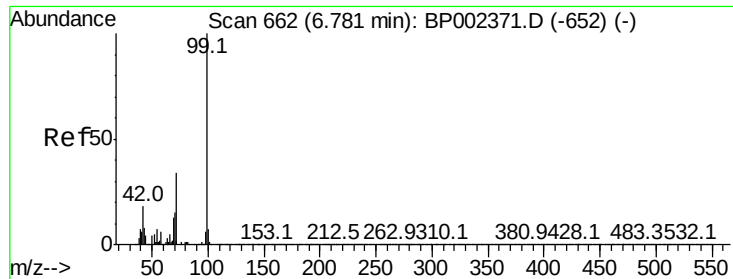


Abundance Ion 112.00 (111.70 to 112.70): E

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

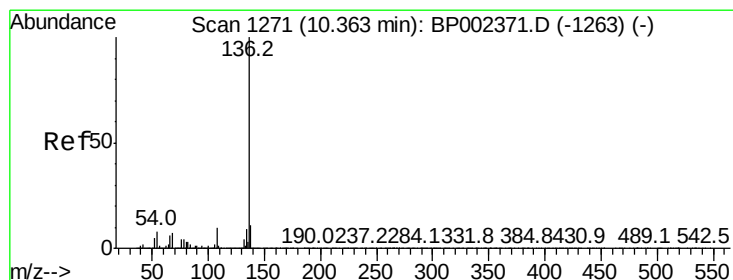
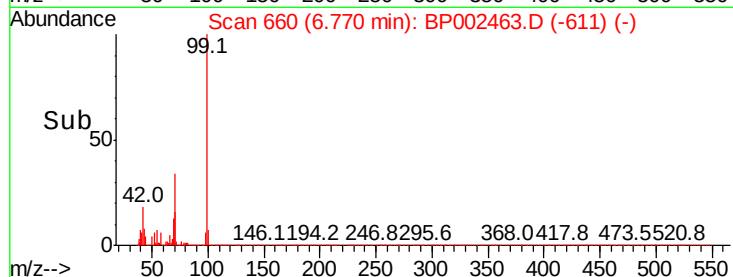
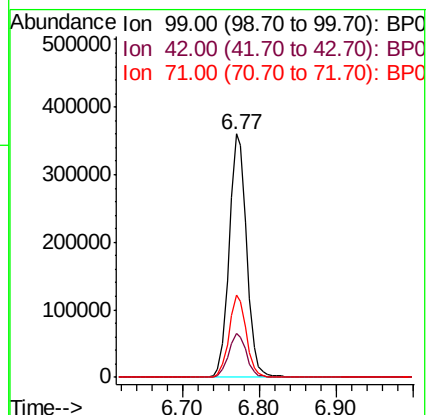
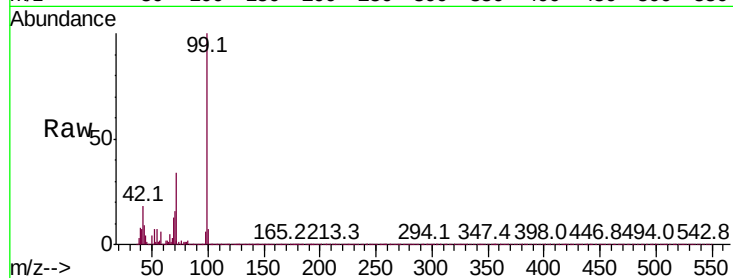
Tot Ion: 99 Resp: 569718

Ion Ratio Lower Upper

99 100

42 17.9 14.6 22.0

71 33.8 27.2 40.8



#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

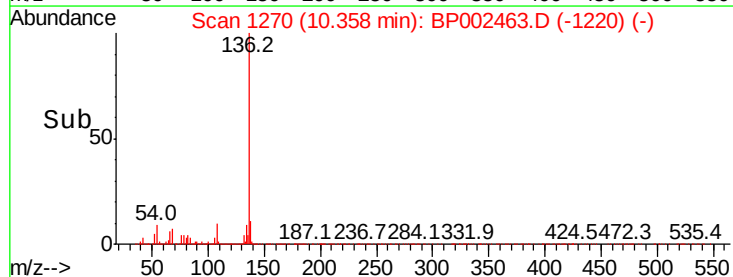
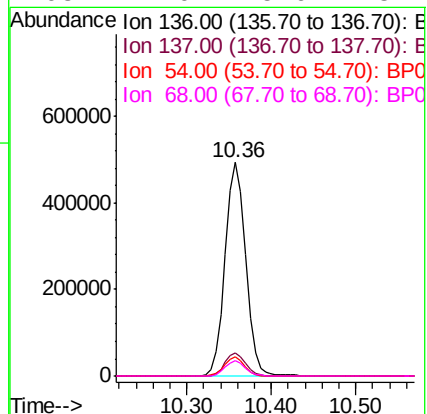
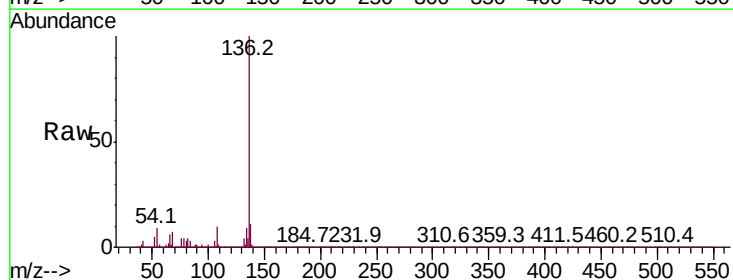
Ion Ratio Lower Upper

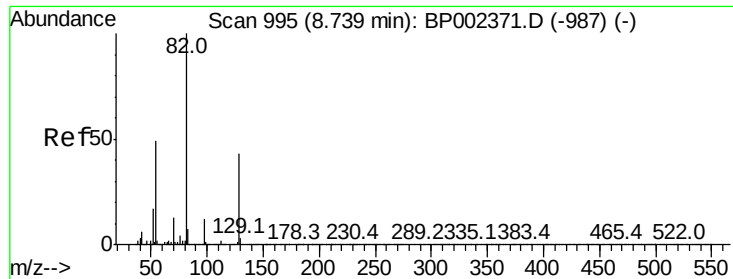
136 100

137 11.0 8.8 13.2

54 9.0 6.4 9.6

68 7.0 5.6 8.4



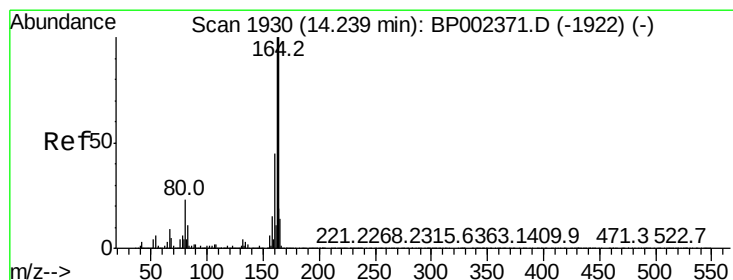
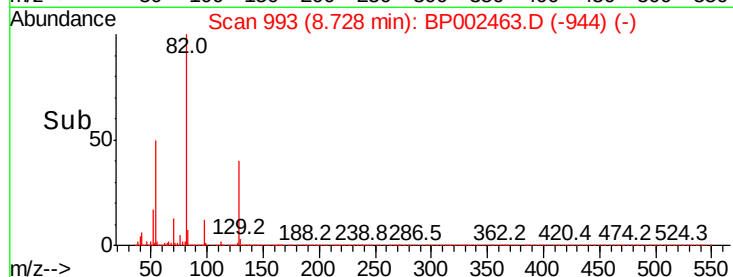
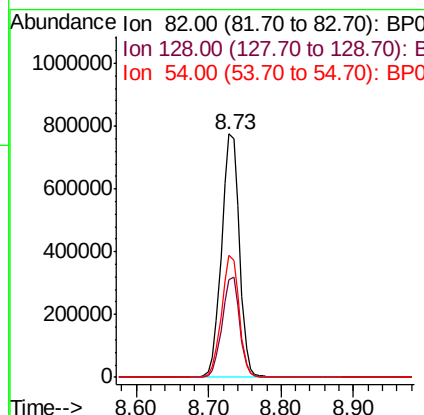
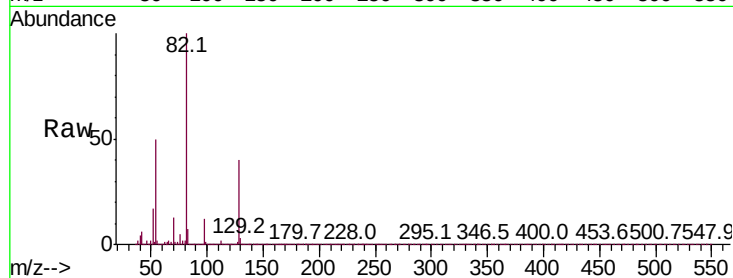


#23
 Nitrobenzene-d5
 Concen: 94.910 ng
 RT: 8.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BP002463.D
 Acq: 19 Jun 2020 17:43

Instrument :
 BNA_P
 ClientSampleId :
 GROUNDWATERRE

Tot Ion: 82 Resp: 1327184

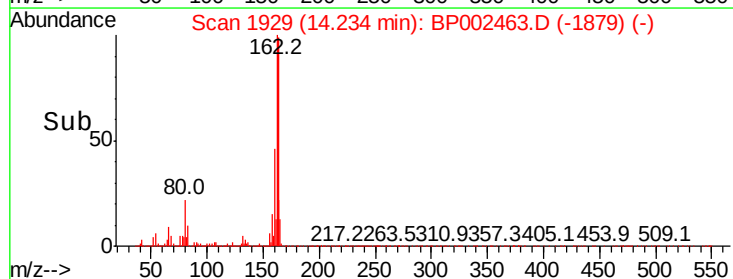
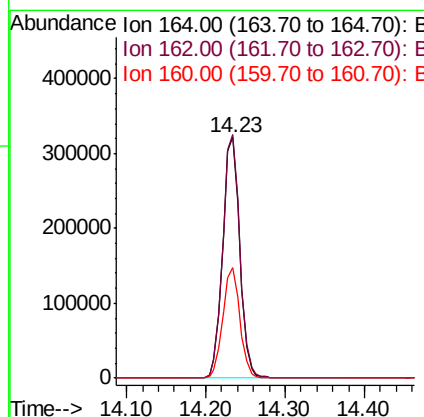
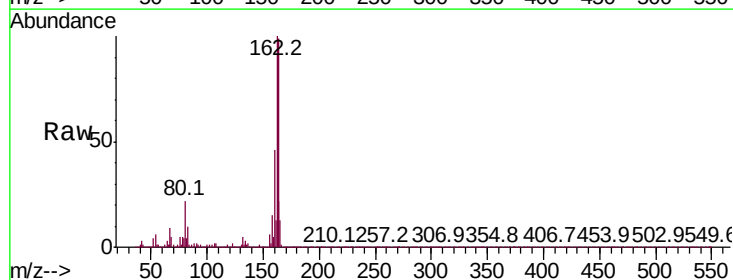
Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.5	51.7
54	50.2	39.4	59.2

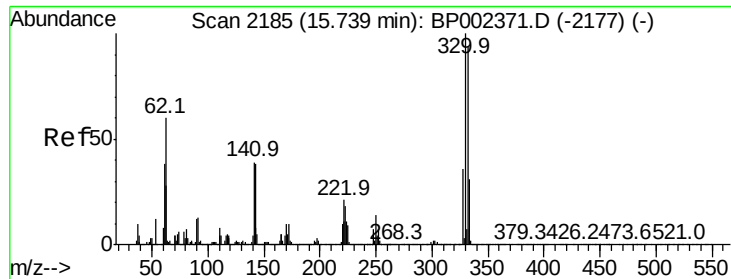


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.23 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BP002463.D
 Acq: 19 Jun 2020 17:43

Tgt Ion: 164 Resp: 479142

Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.8	119.8
160	46.0	36.2	54.2



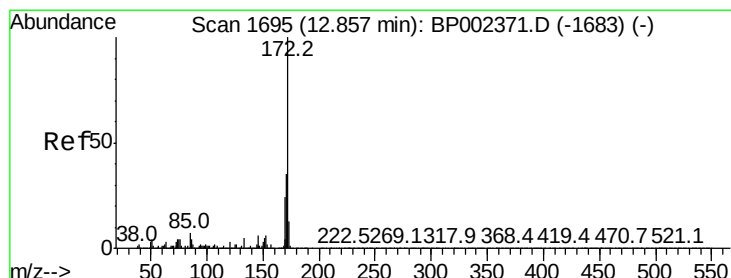
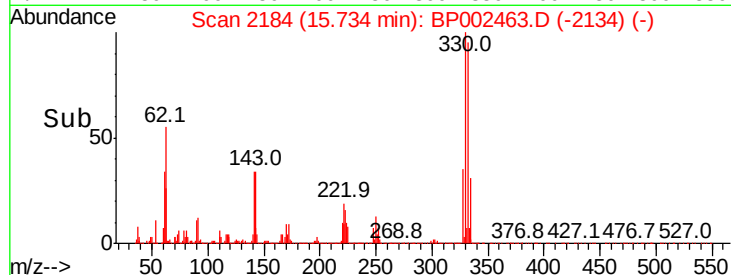
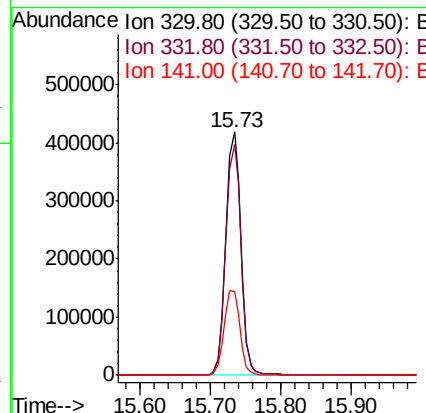
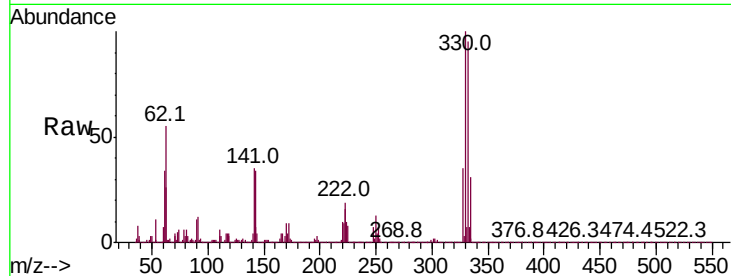


#42
 2,4,6-Tribromophenol
 Concen: 137.084 ng
 RT: 15.73 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BP002463.D
 Acq: 19 Jun 2020 17:43

Instrument :
 BNA_P
 ClientSampleId :
 GROUNDWATERRE

Tot Ion:330 Resp: 628865

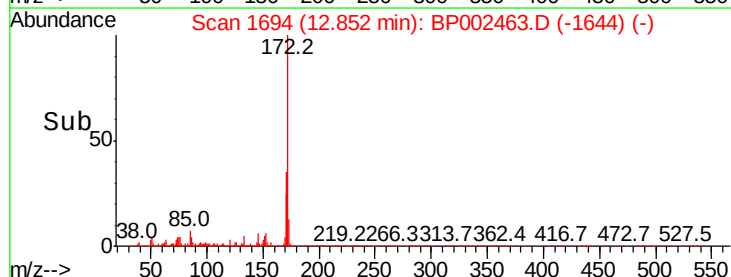
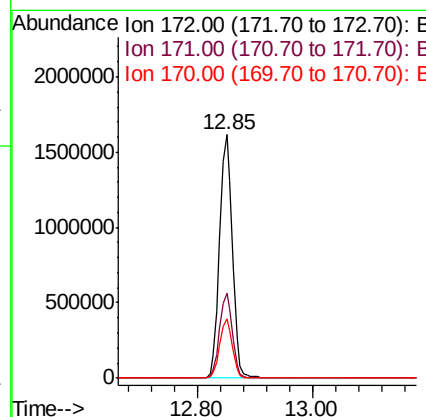
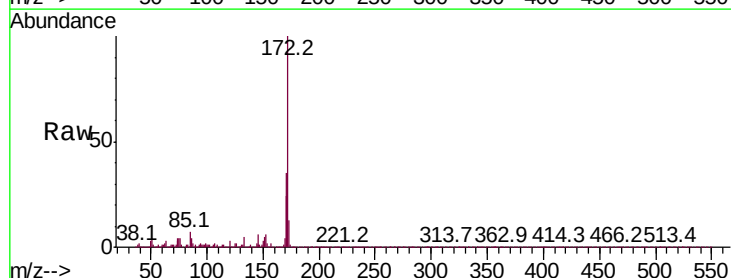
Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	36.7	30.3	45.5

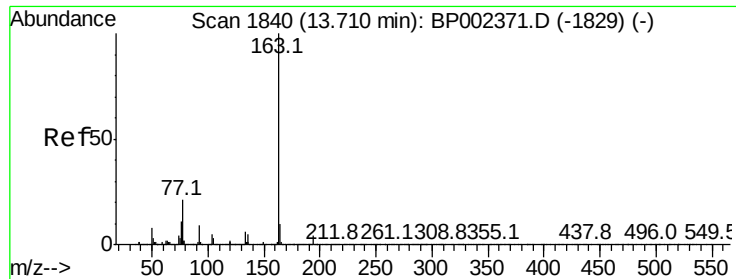


#45
 2-Fluorobiphenyl
 Concen: 87.820 ng
 RT: 12.85 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BP002463.D
 Acq: 19 Jun 2020 17:43

Tgt 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

Instrument :

BNA_P

ClientSampleId :

GROUNDWATERRE

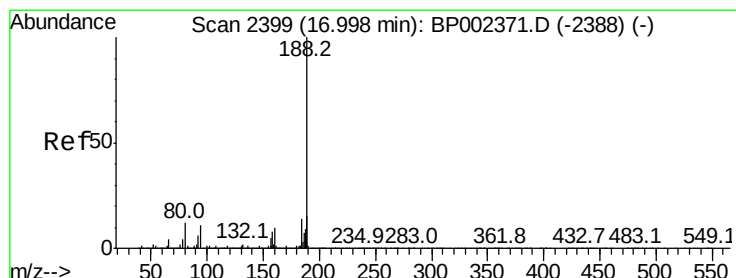
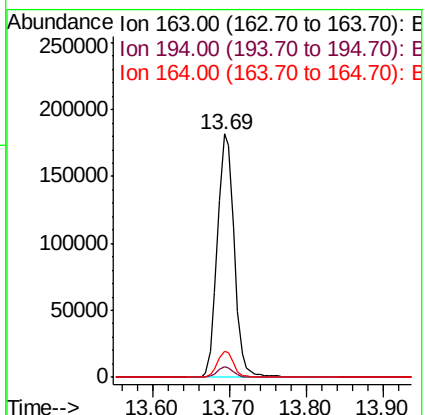
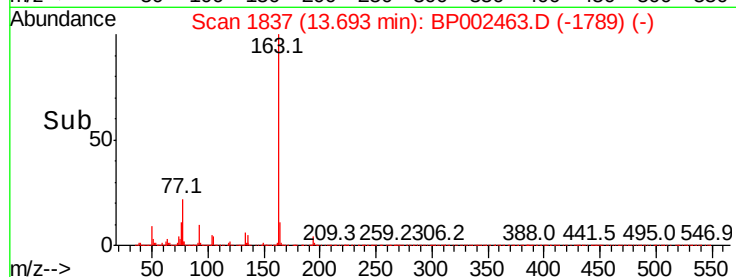
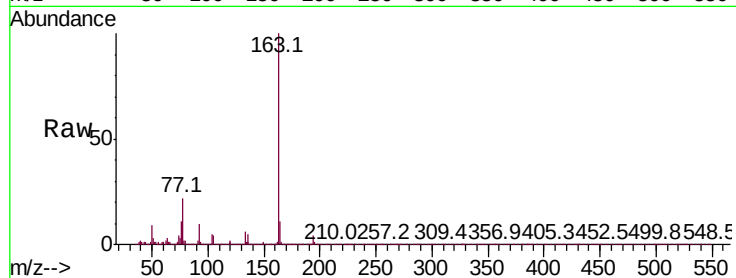
Tot Ion:163 Resp: 274174

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 10.6 8.1 12.1



#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

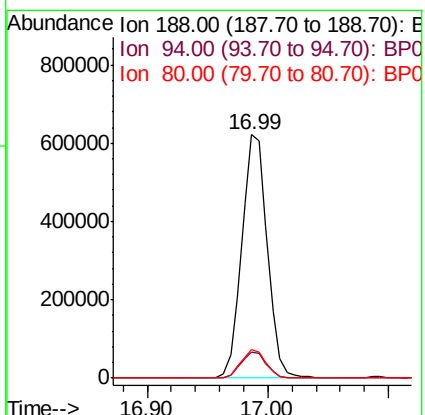
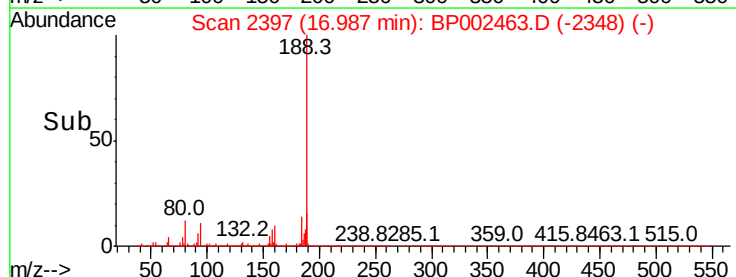
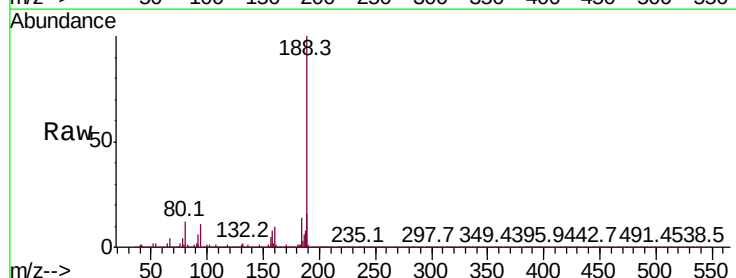
Tgt Ion:188 Resp: 915162

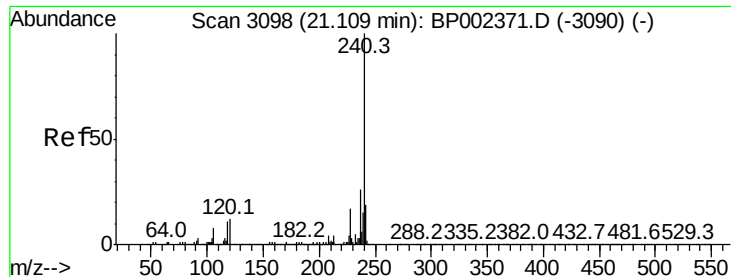
Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

80 11.9 9.4 14.0

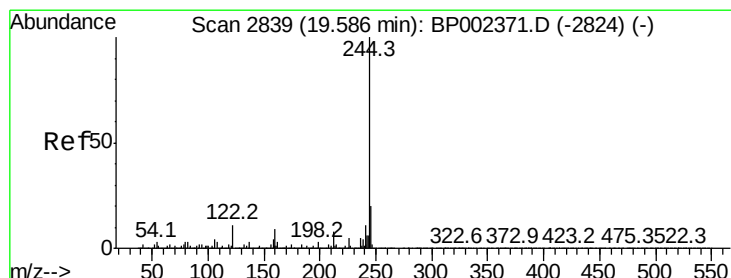
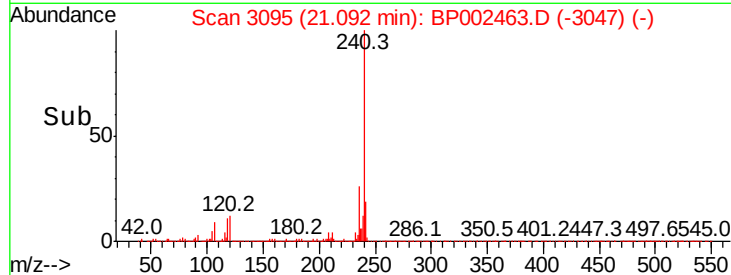
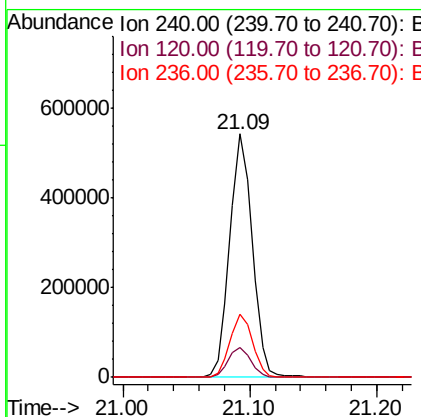
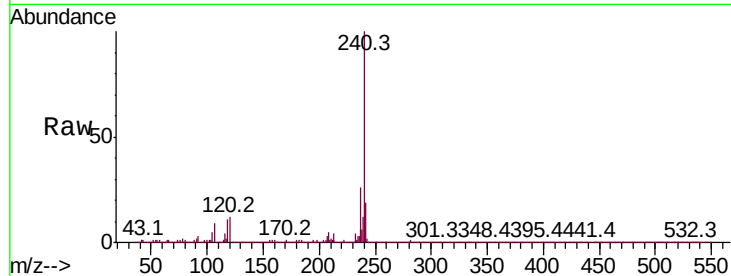




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BP002463.D
Acq: 19 Jun 2020 17:43

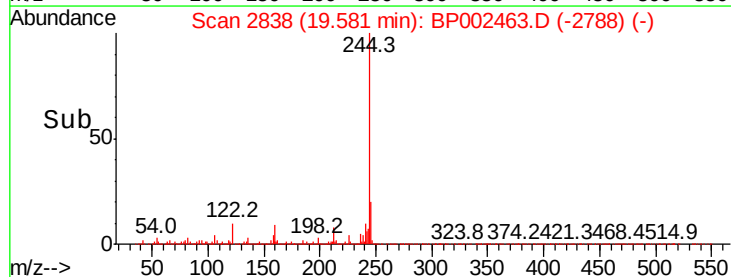
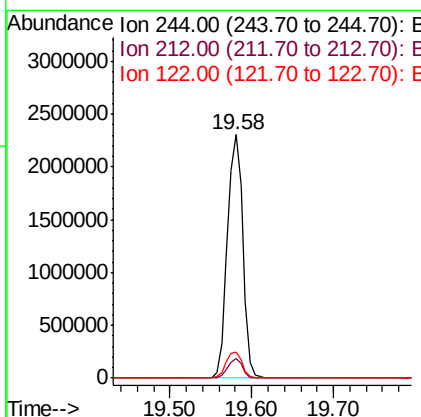
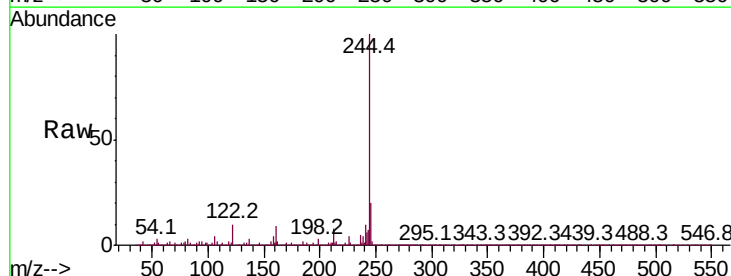
Instrument :
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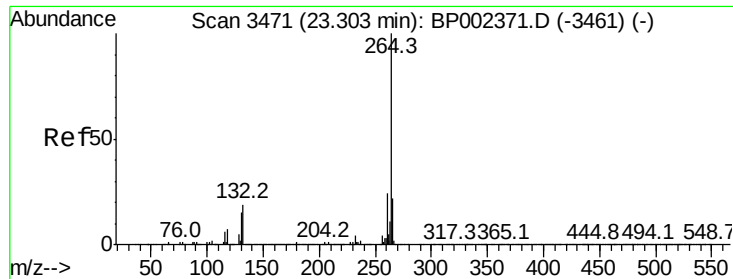
Tot Ion:240 Resp: 668600
Ion Ratio Lower Upper
240 100
120 12.3 9.3 13.9
236 25.8 21.0 31.6



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

