

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
 Data File : BP001337.D
 Acq On : 20 Dec 2019 11:31
 Operator : JU
 Sample : K6283-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GROUNDWATER

Quant Time: Dec 20 13:05:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

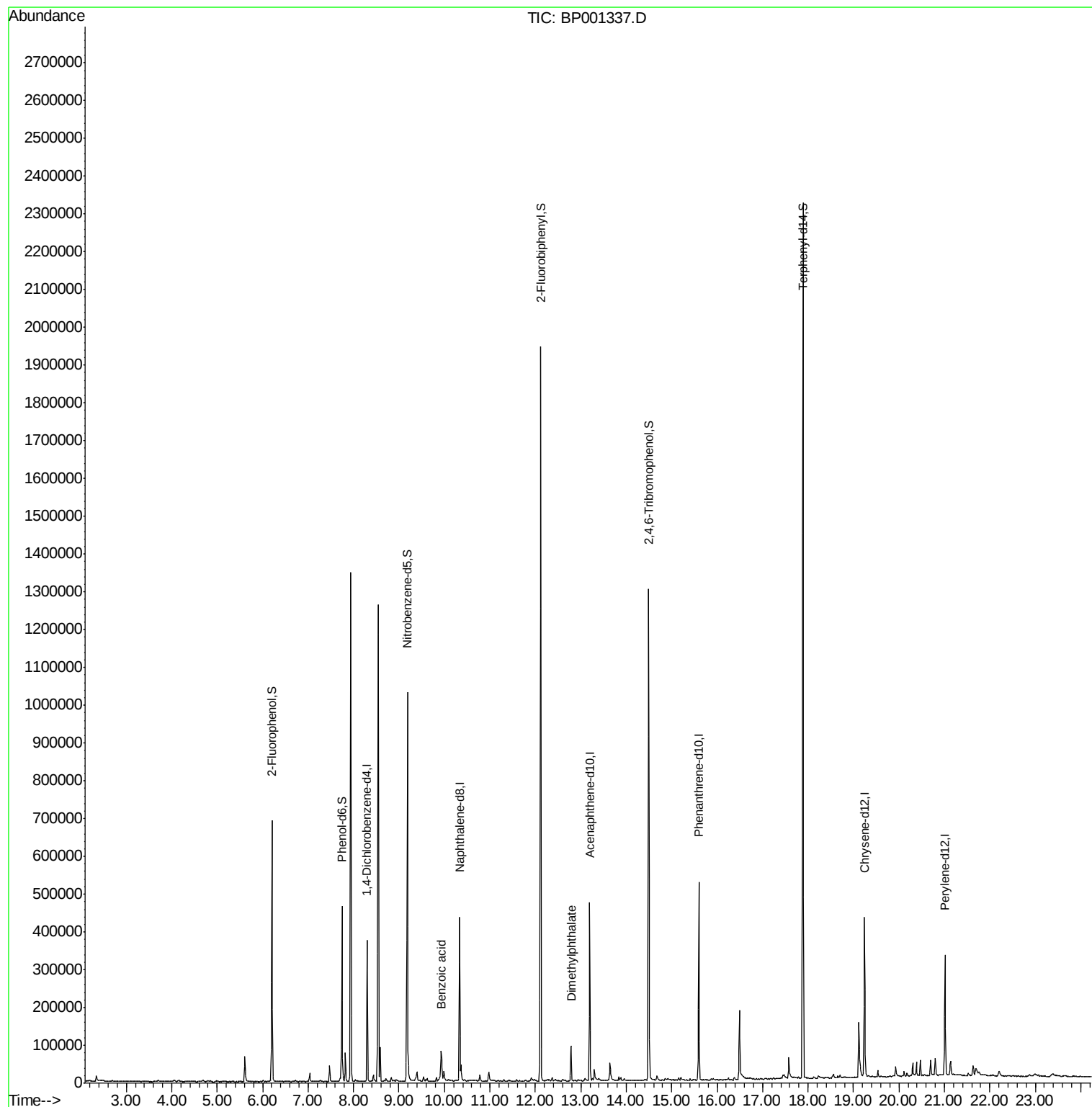
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	57523	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	204699	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	115492	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	218824	20.00	ng	0.00
76) Chrysene-d12	19.24	240	155384	20.00	ng	0.00
87) Perylene-d12	21.02	264	163395	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	190994	53.66	ng	0.00
7) Phenol-d6	7.75	99	155399	33.46	ng	0.00
23) Nitrobenzene-d5	9.19	82	420058	78.80	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	178499	123.62	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	719075	78.73	ng	0.00
79) Terphenyl-d14	17.89	244	857626	94.53	ng	0.00
Target Compounds						
32) Benzoic acid	9.94	122	16606	11.706	ng	92
50) Dimethylphthalate	12.79	163	39989	4.221	ng	99

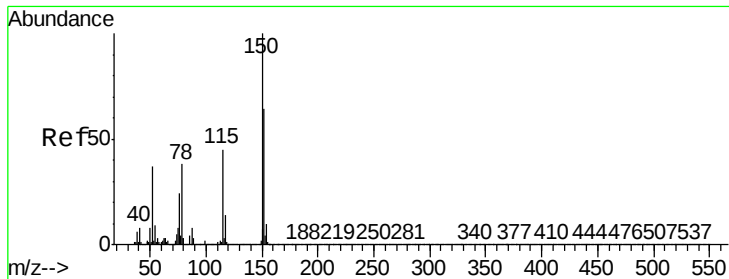
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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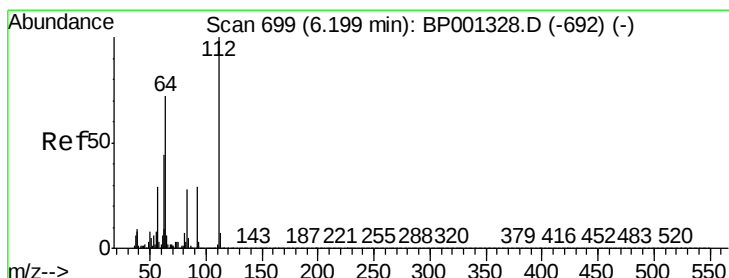
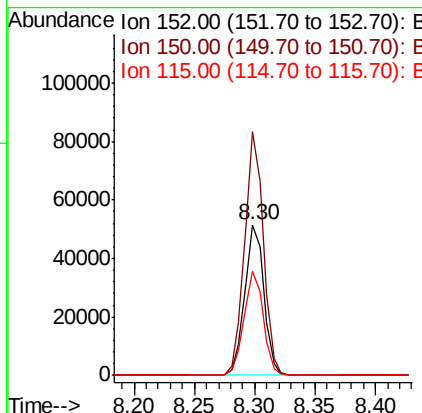
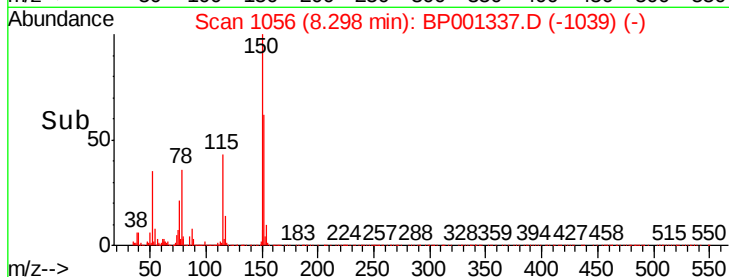
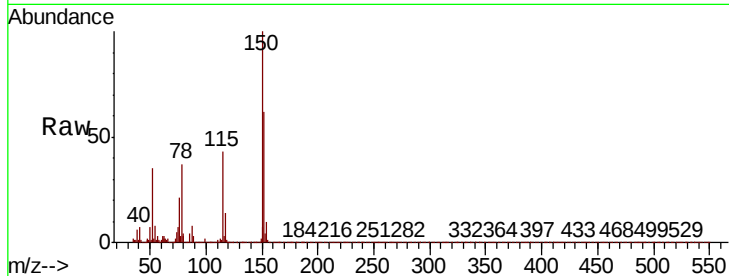




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BP001337.D
 Acq: 20 Dec 2019 11:31

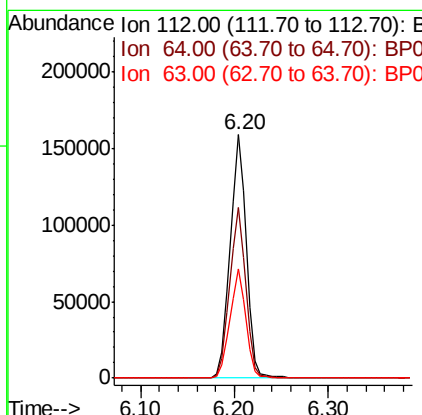
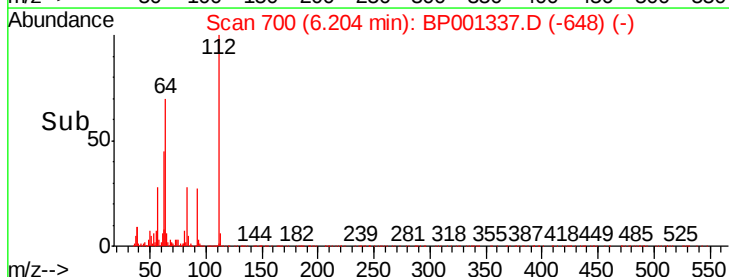
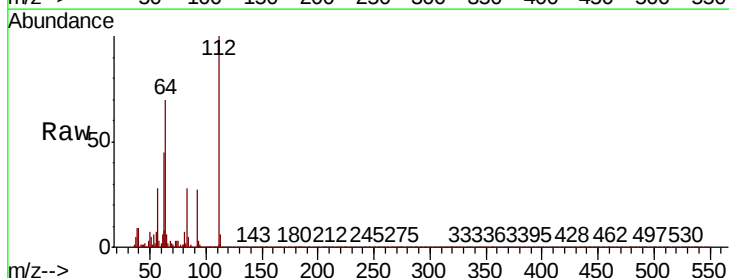
Instrument :
 BNA_P
 ClientSampleId :
 GROUNDWATER

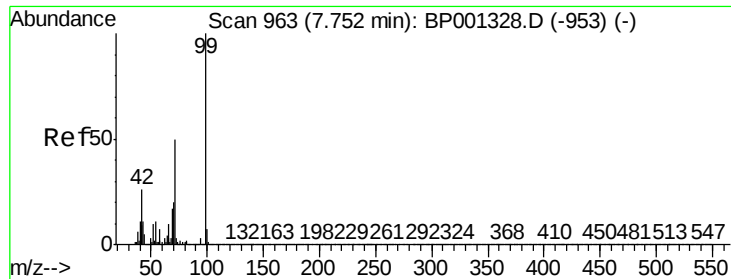
Tot Ion:	152	Resp:	57523
Ion	Ratio	Lower	Upper
152	100		
150	162.2	124.0	186.0
115	69.2	59.3	88.9



#5
 2-Fluorophenol
 Concen: 53.663 ng
 RT: 6.20 min Scan# 700
 Delta R.T. 0.01 min
 Lab File: BP001337.D
 Acq: 20 Dec 2019 11:31

Tgt Ion:	112	Resp:	190994
Ion	Ratio	Lower	Upper
112	100		
64	70.2	57.6	86.4
63	45.0	35.1	52.7





#7

Phenol-d6

Concen: 33.460 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BP001337.D

Acq: 20 Dec 2019 11:31

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

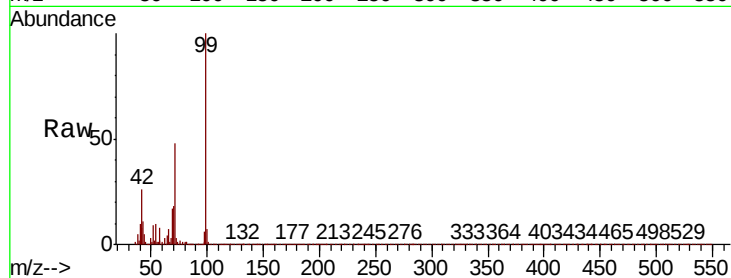
Tot Ion: 99 Resp: 155399

Ion Ratio Lower Upper

99 100

42 25.9 20.9 31.3

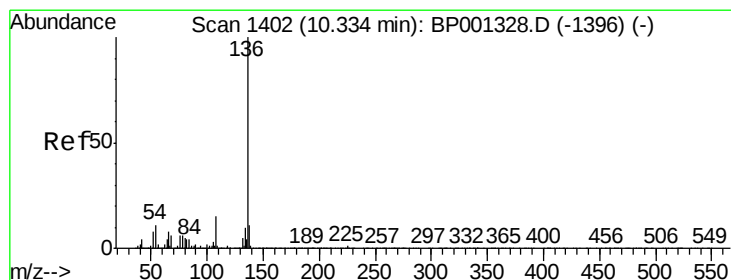
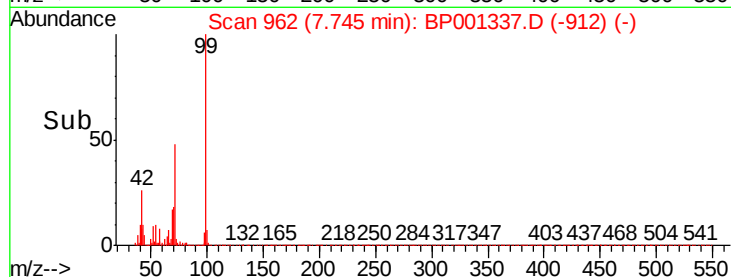
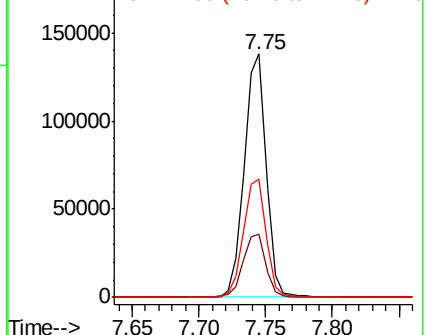
71 48.3 40.0 60.0



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: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BP001337.D

Acq: 20 Dec 2019 11:31

Tgt Ion: 136 Resp: 204699

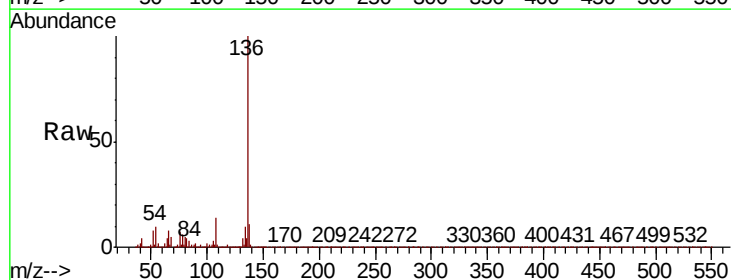
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 10.3 8.8 13.2

68 5.4 4.6 6.8

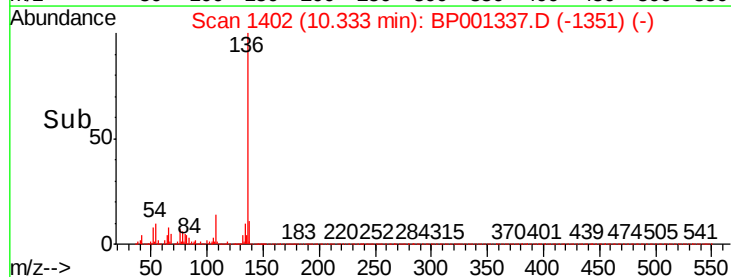
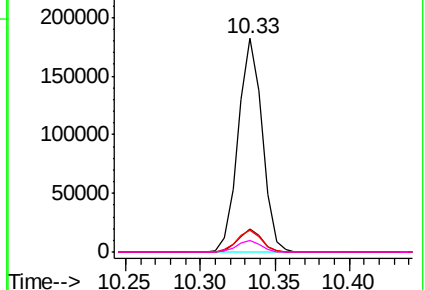


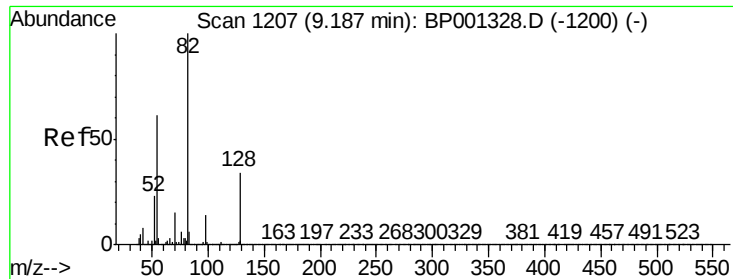
Abundance Ion 136.00 (135.70 to 136.70): E

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

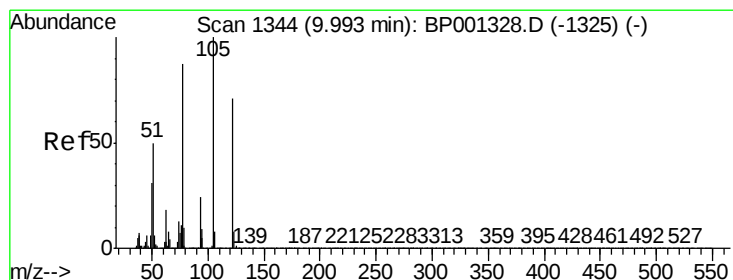
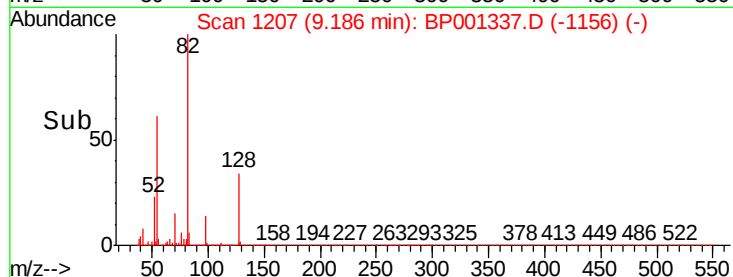
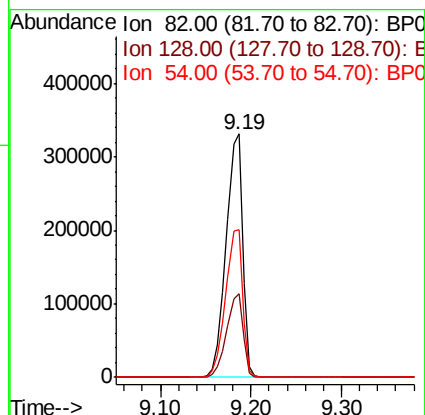
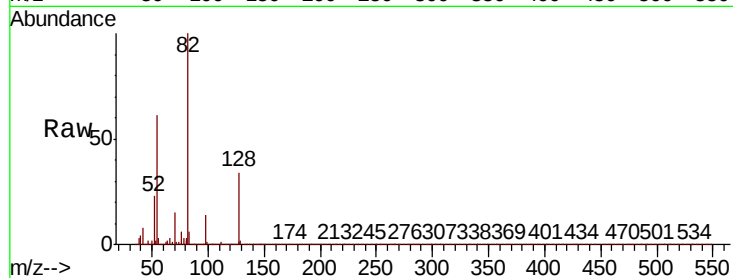




#23
Nitrobenzene-d5
Concen: 78.802 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BP001337.D
Acq: 20 Dec 2019 11:31

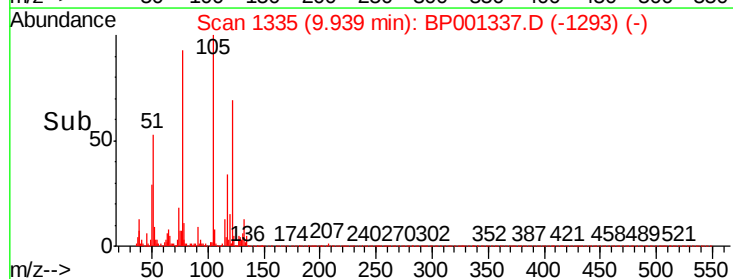
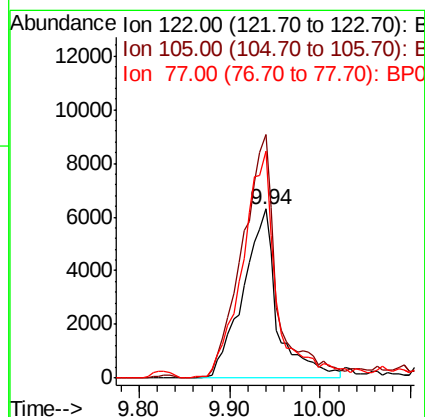
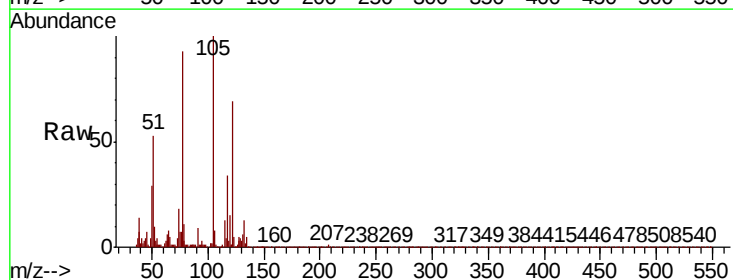
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

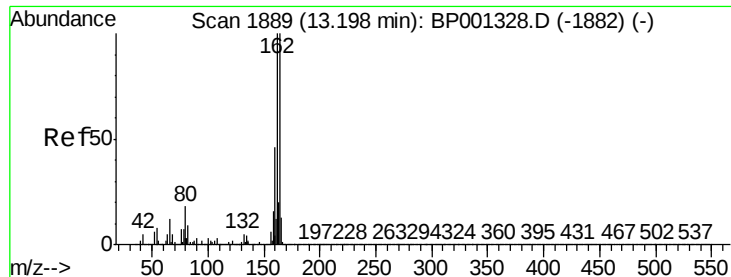
Tot Ion	82	Resp	420058
Ion Ratio	Lower	Upper	
82	100		
128	34.3	27.0	40.4
54	60.7	49.0	73.4



#32
Benzoic acid
Concen: 11.706 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.05 min
Lab File: BP001337.D
Acq: 20 Dec 2019 11:31

Tgt Ion	122	Resp	16606
Ion Ratio	Lower	Upper	
122	100		
105	143.9	118.5	158.5
77	134.2	101.3	141.3

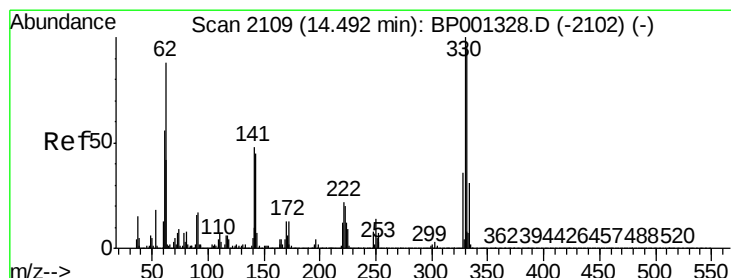
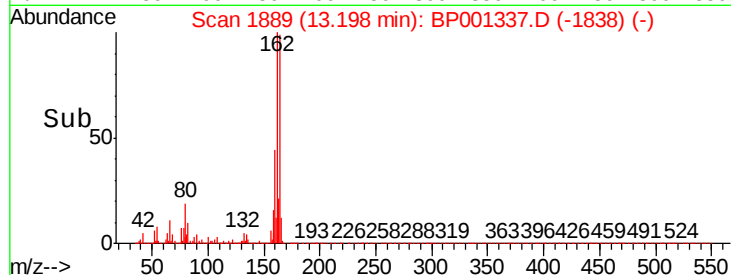
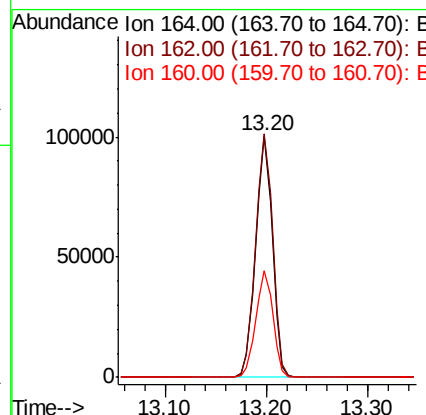
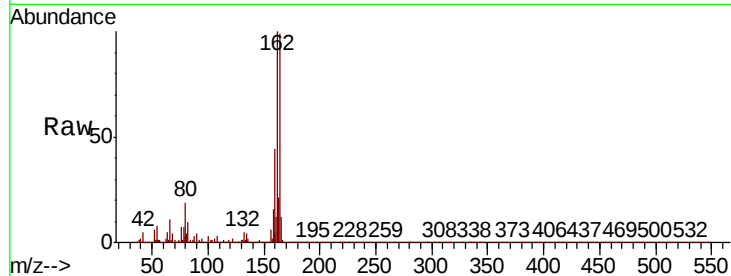




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BP001337.D
Acq: 20 Dec 2019 11:31

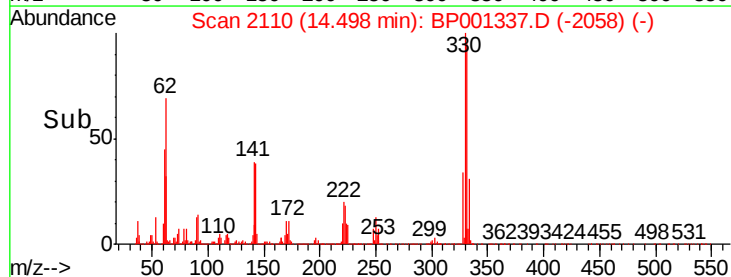
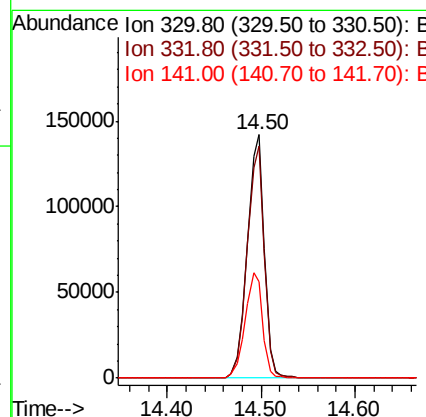
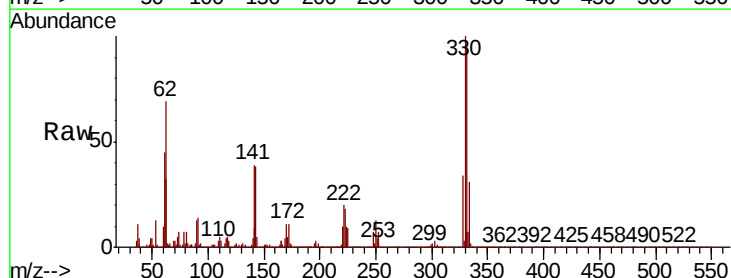
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

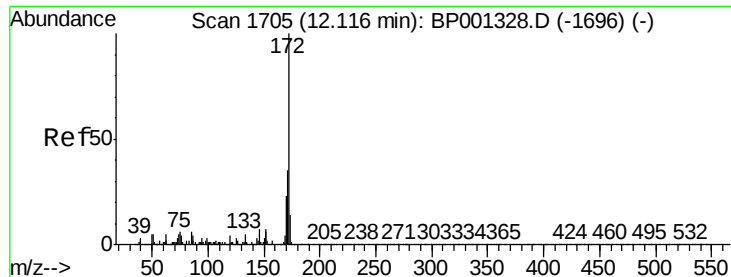
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.3	120.5
160	44.2	36.6	54.8



#42
2,4,6-Tribromophenol
Concen: 123.622 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BP001337.D
Acq: 20 Dec 2019 11:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.7	118.1
141	44.4	36.2	54.4

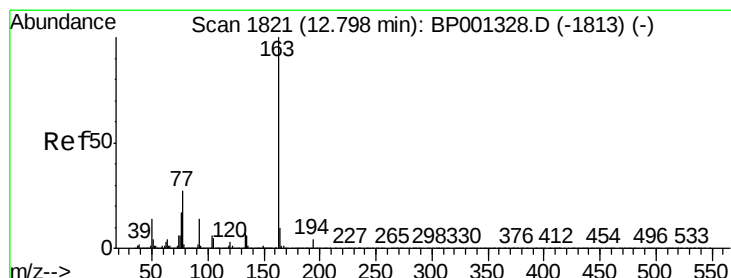
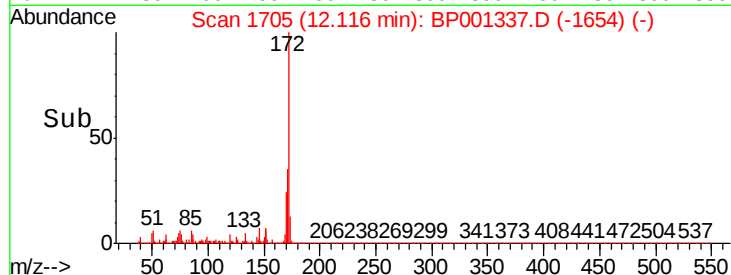
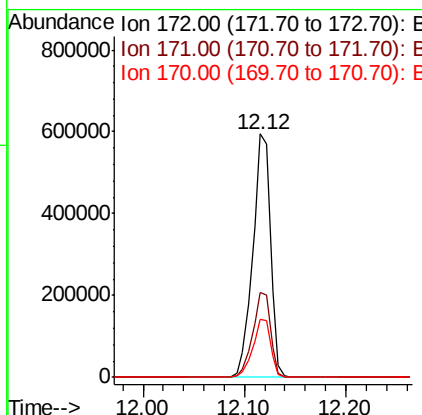
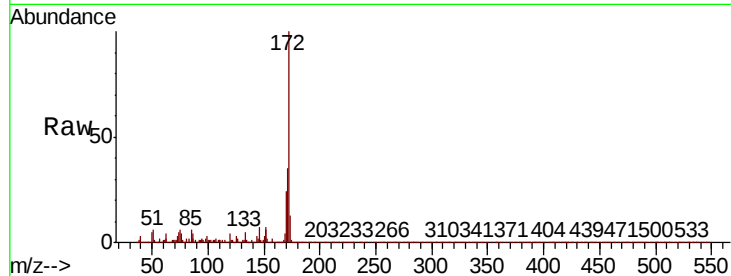




#45
2-Fluorobiphenyl
Concen: 78.729 ng
RT: 12.12 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BP001337.D
Acq: 20 Dec 2019 11:31

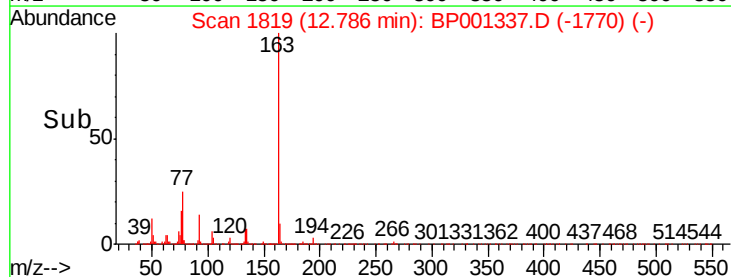
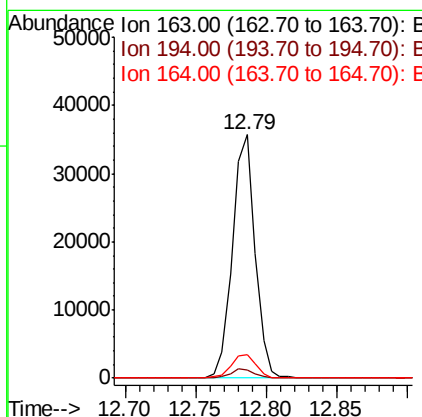
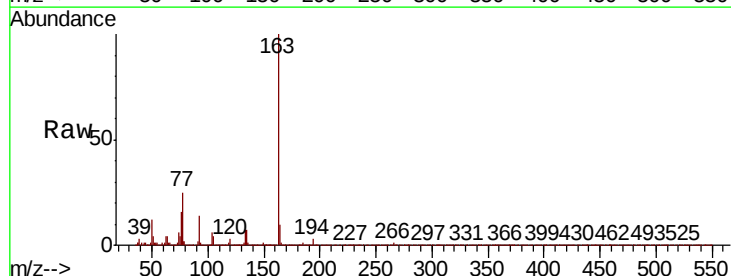
Instrument :
BNA_P
ClientSampleId :
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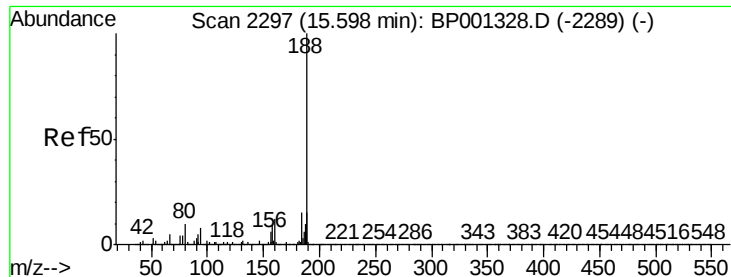
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.7	41.5
170	23.7	18.6	28.0



#50
Dimethylphthalate
Concen: 4.221 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BP001337.D
Acq: 20 Dec 2019 11:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.4	5.0
164	9.6	7.9	11.9

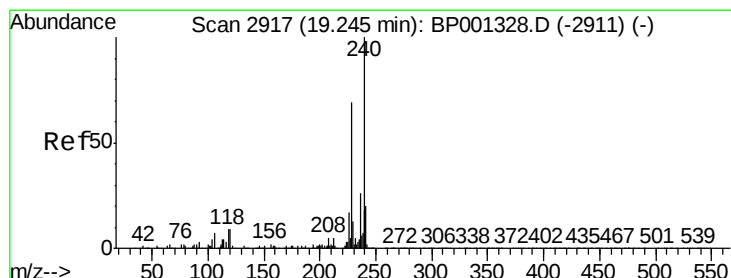
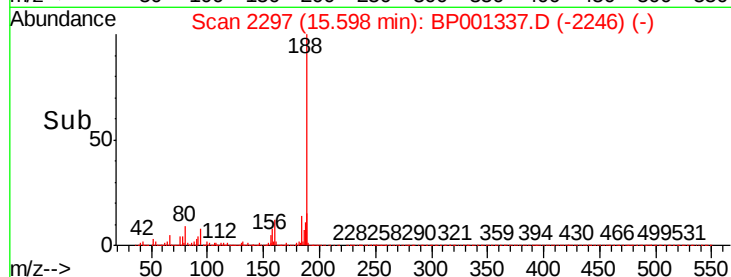
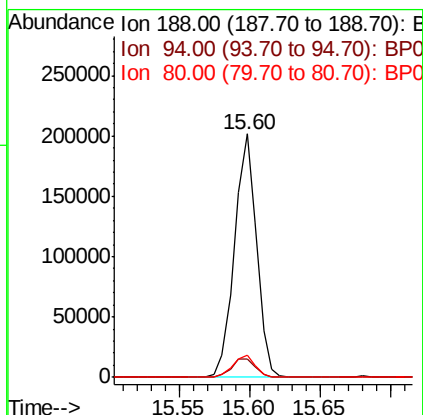
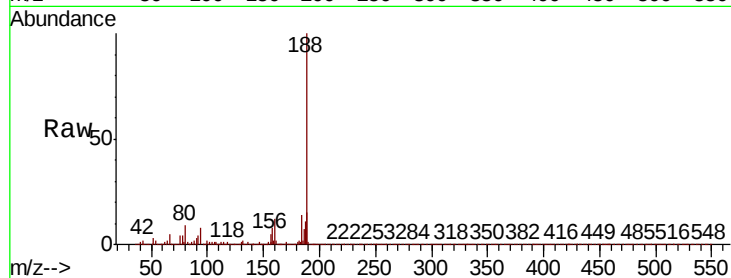




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BP001337.D
Acq: 20 Dec 2019 11:31

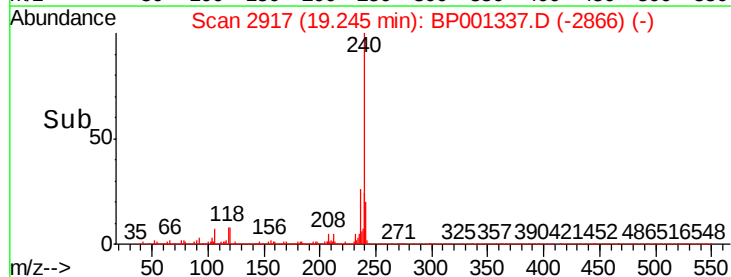
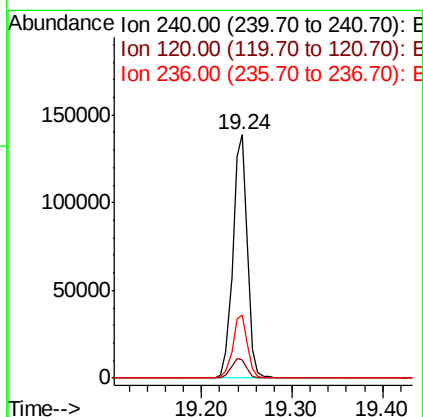
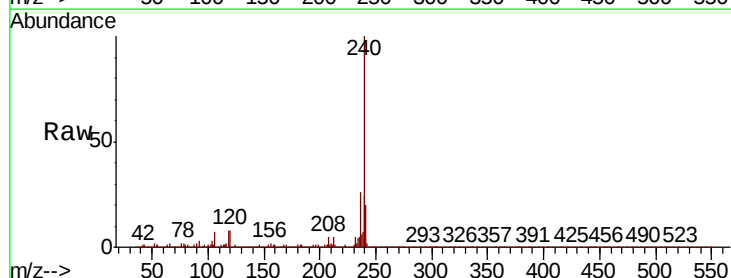
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

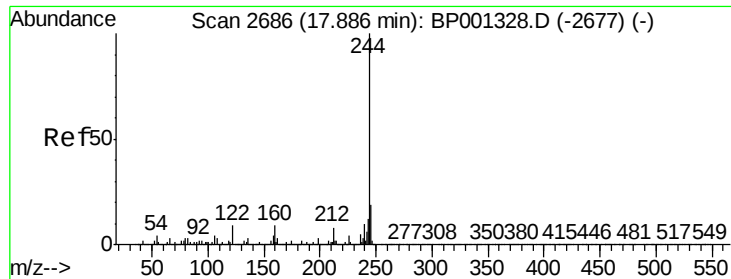
Tot Ion:188 Resp: 218824
Ion Ratio Lower Upper
188 100
94 7.6 6.6 10.0
80 8.9 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2917
Delta R.T. -0.00 min
Lab File: BP001337.D
Acq: 20 Dec 2019 11:31

Tgt Ion:240 Resp: 155384
Ion Ratio Lower Upper
240 100
120 7.7 7.6 11.4
236 26.1 21.0 31.4

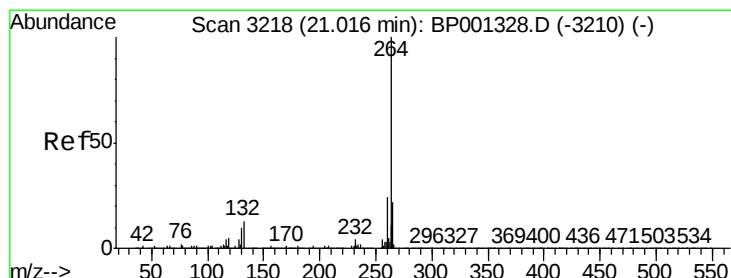
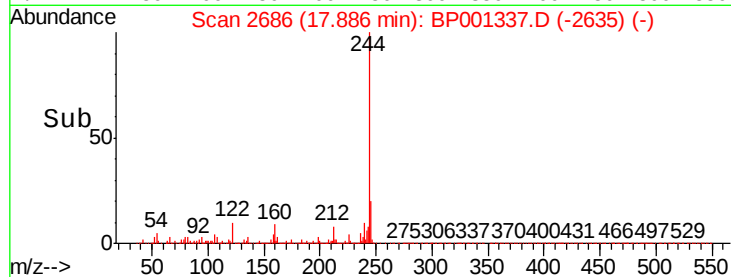
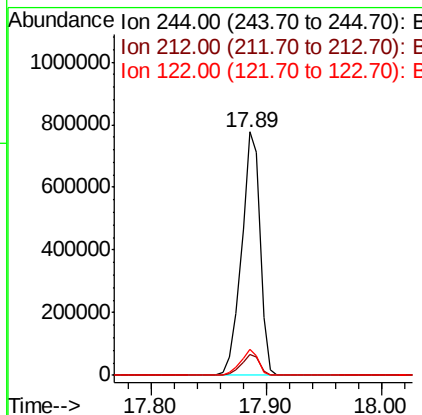
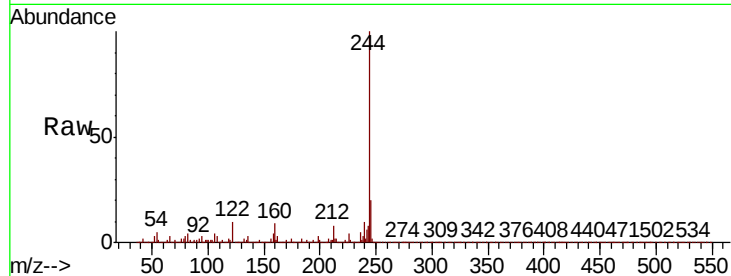




#79
 Terphenyl-d14
 Concen: 94.534 ng
 RT: 17.89 min Scan# 2686
 Delta R.T. -0.00 min
 Lab File: BP001337.D
 Acq: 20 Dec 2019 11:31

Instrument :
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Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	9.8
122	10.4	7.6	11.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.02 min Scan# 3218
 Delta R.T. -0.00 min
 Lab File: BP001337.D
 Acq: 20 Dec 2019 11:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.5	17.4	26.2

