

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
 Data File : BP001728.D
 Acq On : 07 Feb 2020 19:29
 Operator : CG/JU
 Sample : L1437-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GROUNDWATER

Quant Time: Feb 08 02:01:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 15:16:18 2020
 Response via : Initial Calibration

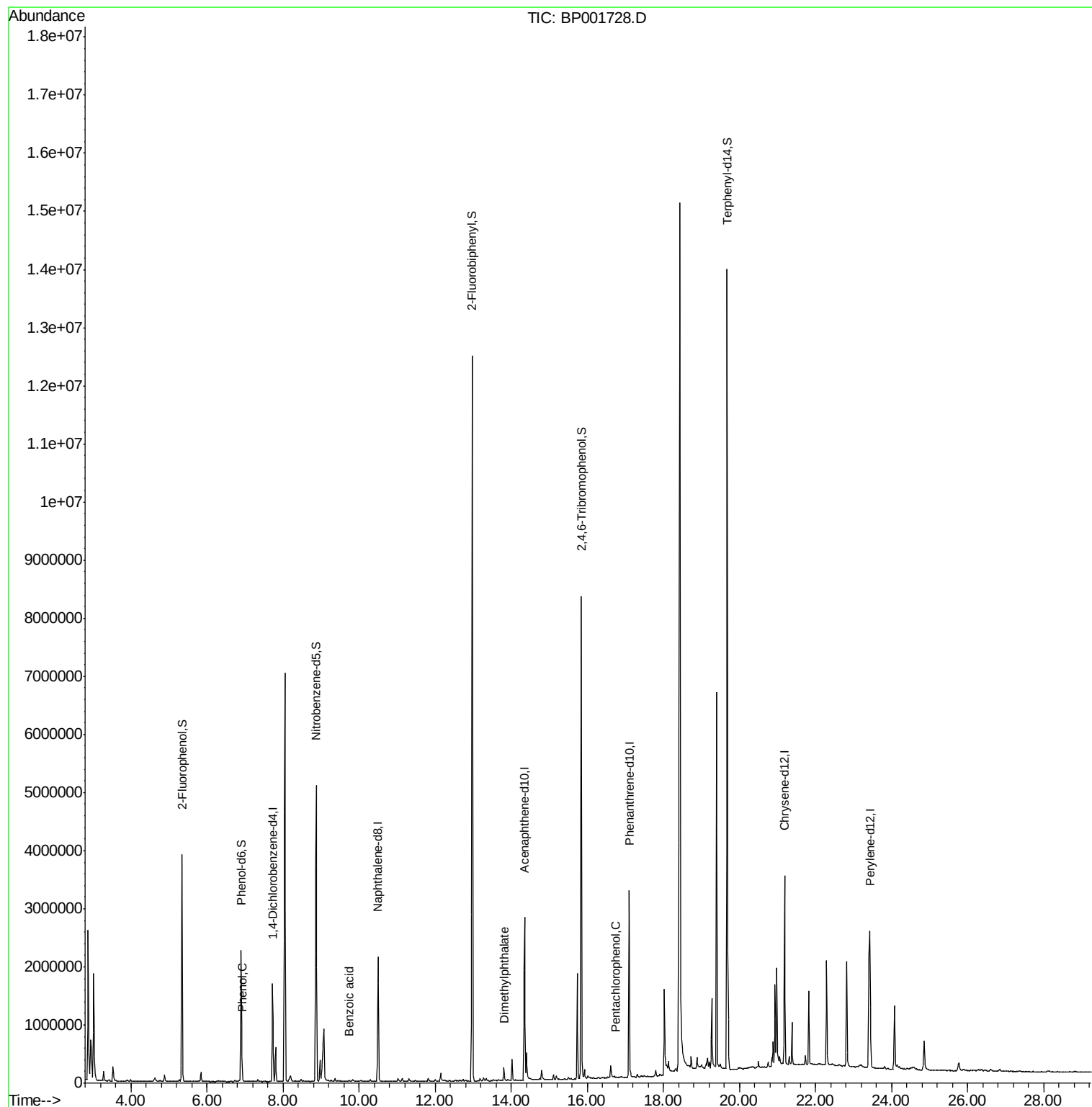
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	465311	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1830957	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	990692	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1884720	20.00	ng	0.00
76) Chrysene-d12	21.19	240	1443800	20.00	ng	0.00
87) Perylene-d12	23.43	264	1501828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1745294	66.74	ng	0.00
7) Phenol-d6	6.90	99	1334193	39.12	ng	0.00
23) Nitrobenzene-d5	8.87	82	2986352	99.71	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	1520816	149.88	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	6454965	94.65	ng	0.00
79) Terphenyl-d14	19.67	244	6380314	90.17	ng	0.00
Target Compounds						
10) Phenol	6.92	94	64026	1.842	ng	99
32) Benzoic acid	9.73	122	3317	10.348	ng	96
50) Dimethylphthalate	13.81	163	141377	1.933	ng	98
70) Pentachlorophenol	16.75	266	365	4.932	ng	93

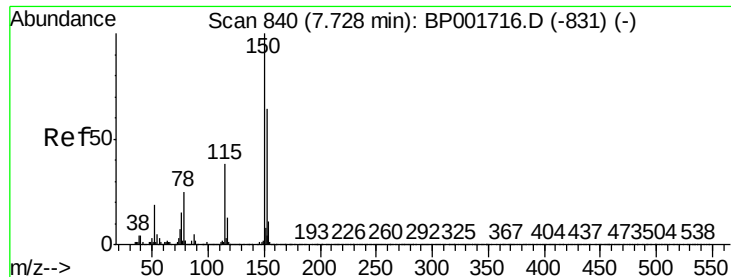
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 7 Sample Multiplier: 1

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Quant Time: Feb 08 02:01:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 15:16:18 2020
Response via : Initial Calibration



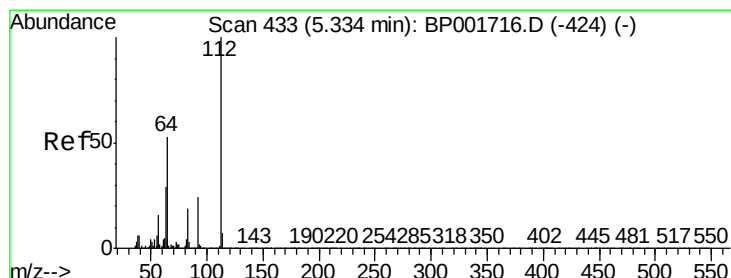
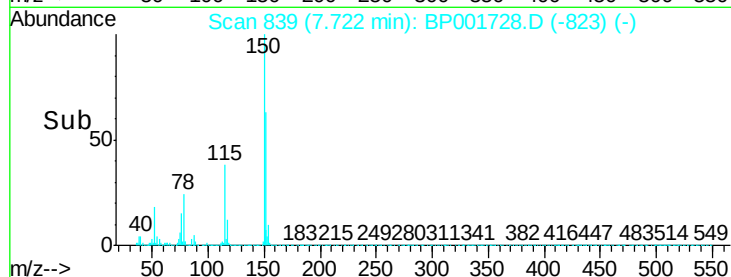
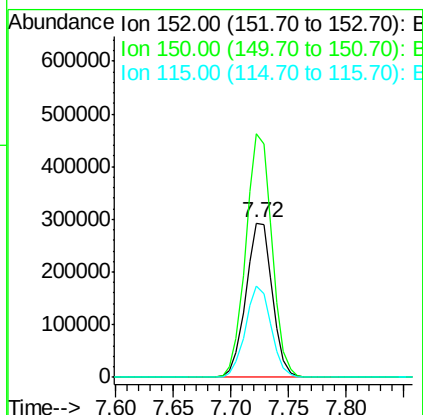
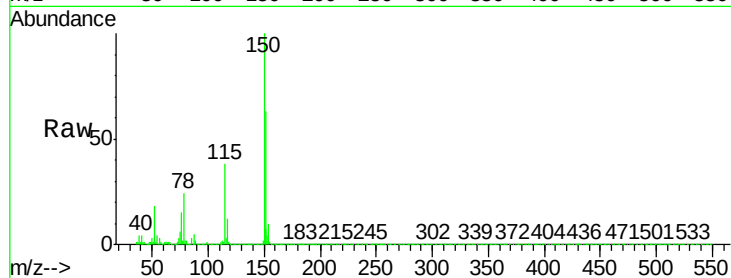


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 839
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

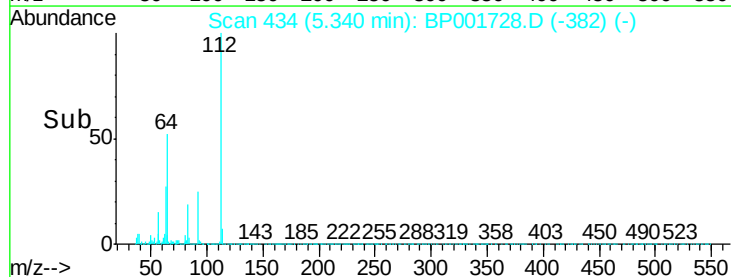
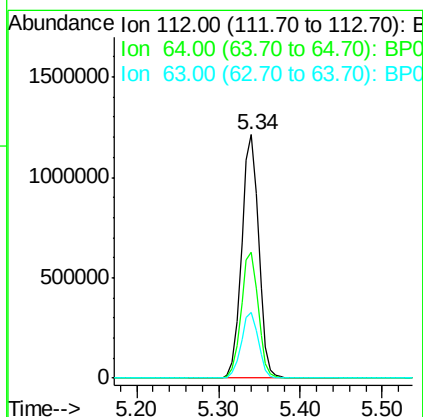
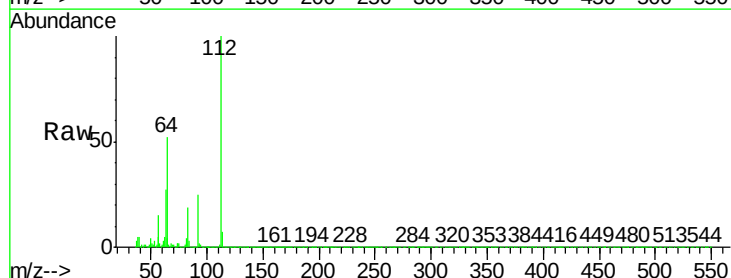
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.5	186.7
115	59.3	47.3	70.9

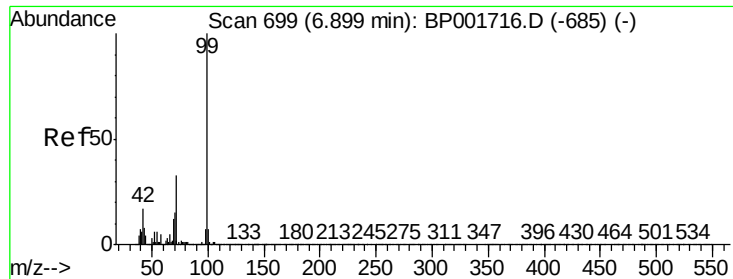


#5

2-Fluorophenol
Concen: 66.740 ng
RT: 5.34 min Scan# 434
Delta R.T. 0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.6	42.7	64.1
63	26.9	22.8	34.2





#7

Phenol-d6

Concen: 39.118 ng

RT: 6.90 min Scan# 699

Delta R.T. 0.00 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

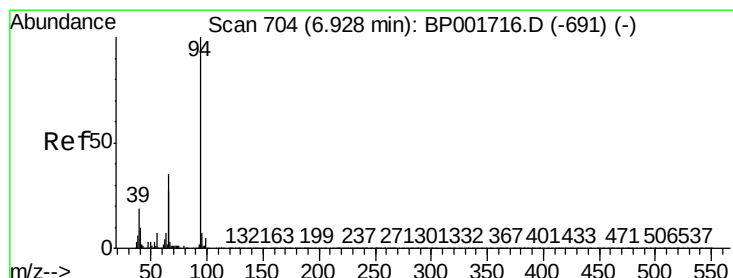
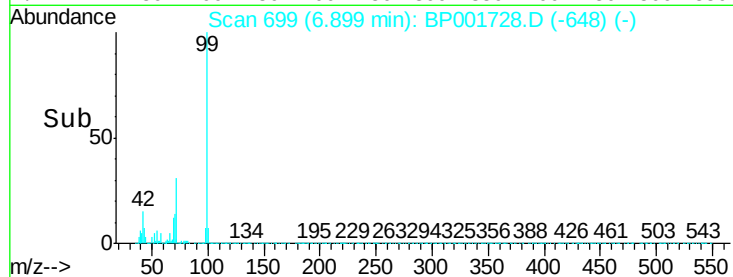
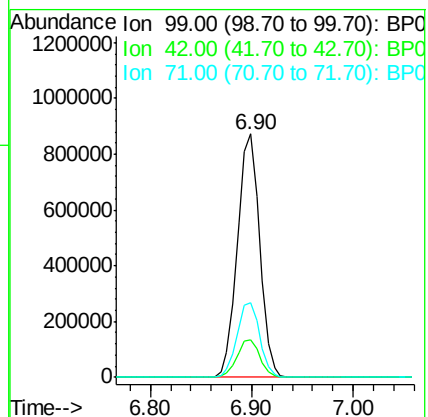
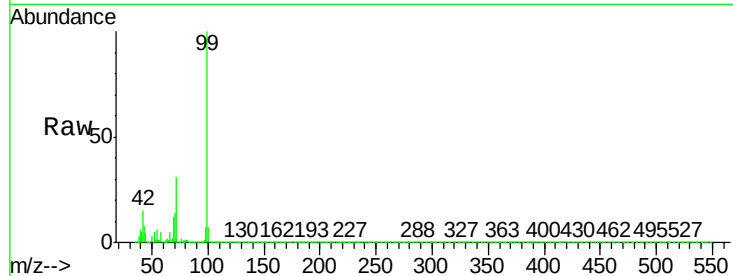
Tot Ion: 99 Resp: 1334193

Ion Ratio Lower Upper

99 100

42 15.3 13.4 20.2

71 30.6 26.1 39.1



#10

Phenol

Concen: 1.842 ng

RT: 6.92 min Scan# 703

Delta R.T. -0.01 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

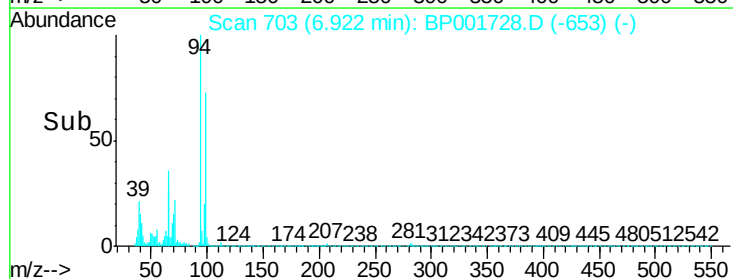
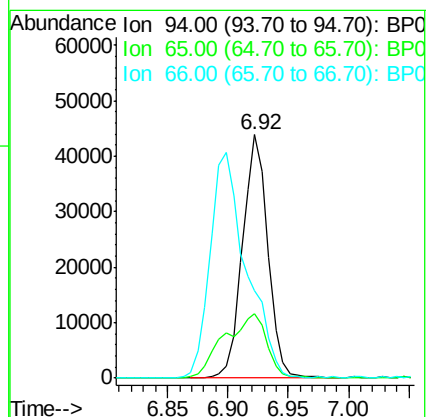
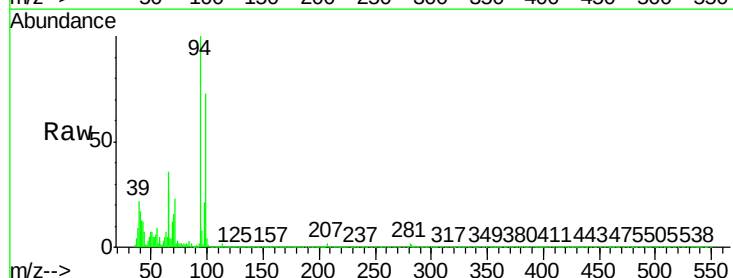
Tgt Ion: 94 Resp: 64026

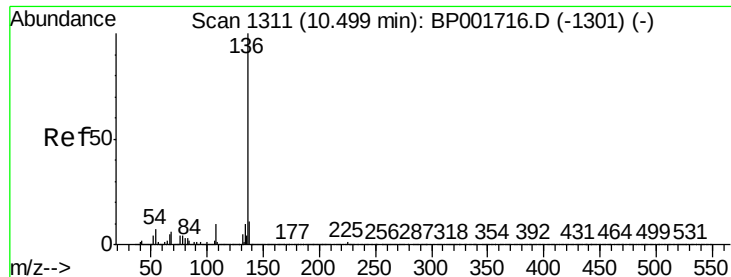
Ion Ratio Lower Upper

94 100

65 26.7 6.7 46.7

66 35.9 14.5 54.5

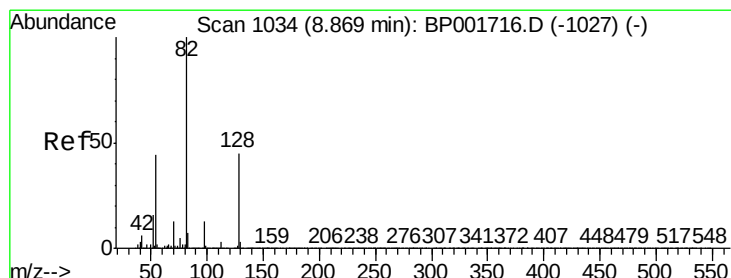
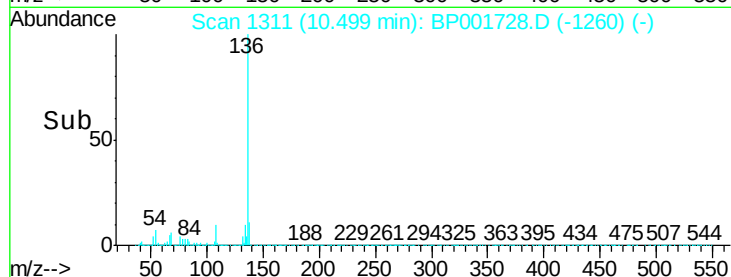
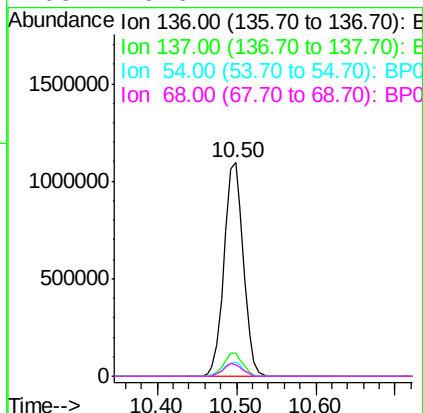
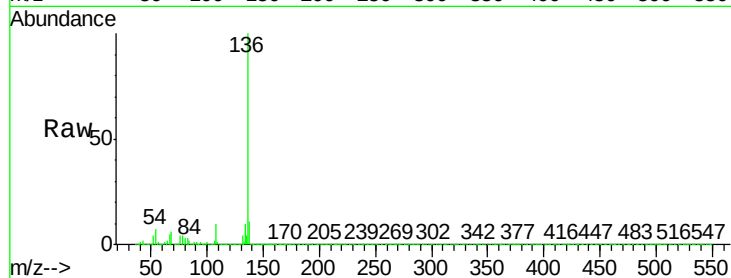




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

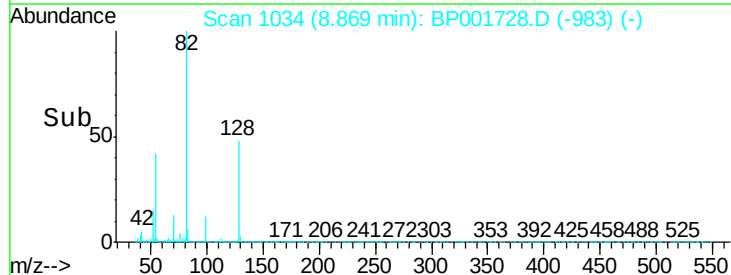
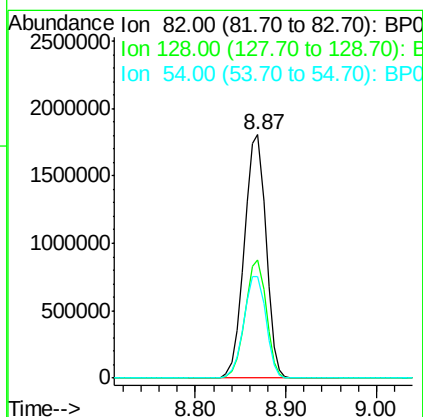
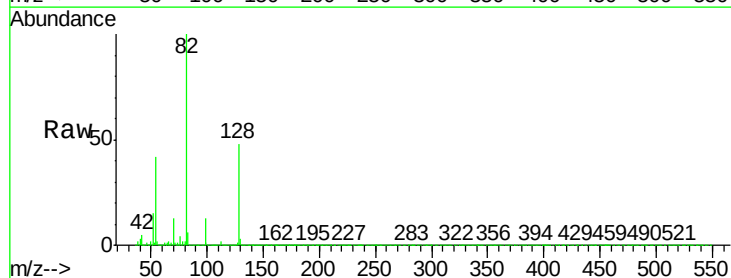
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

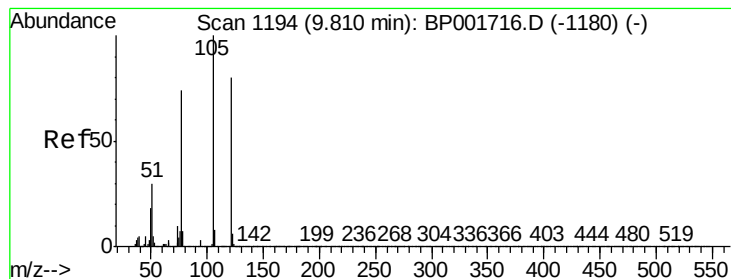
Tot Ion:136	Resp: 1830957
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 6.6	5.4 8.0
68 5.6	4.7 7.1



#23
Nitrobenzene-d5
Concen: 99.706 ng
RT: 8.87 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion	82	Resp: 2986352	
Ion	Ratio	Lower	Upper
82	100		
128	48.3	35.9	53.9
54	41.7	35.4	53.2





#32

Benzoic acid

Concen: 10.348 ng

RT: 9.73 min Scan# 1181

Delta R.T. -0.08 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

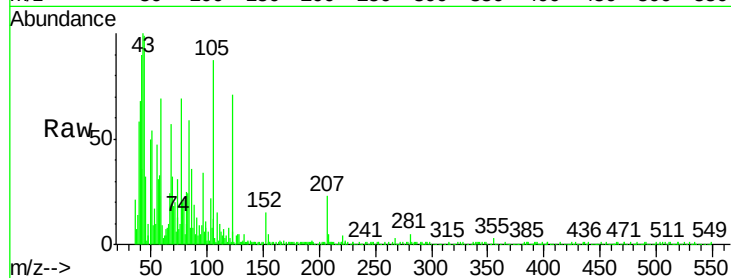
Tot Ion:122 Resp: 3317

Ion Ratio Lower Upper

122 100

105 122.1 99.8 139.8

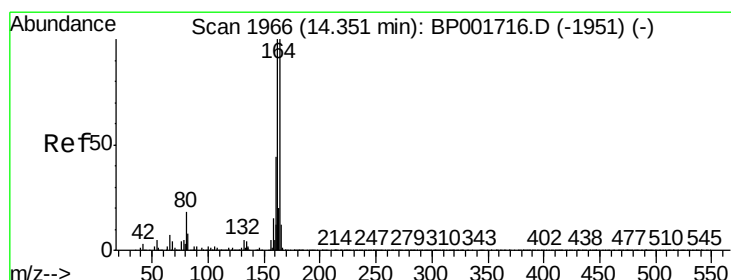
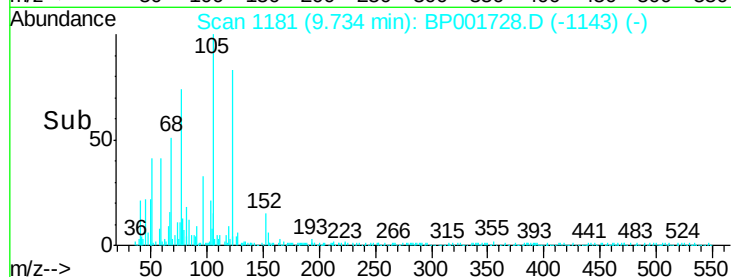
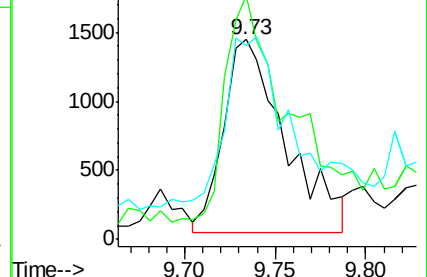
77 97.3 71.0 111.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

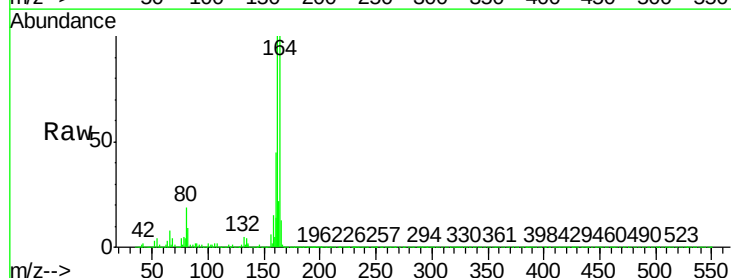
Tgt Ion:164 Resp: 990692

Ion Ratio Lower Upper

164 100

162 99.9 79.8 119.6

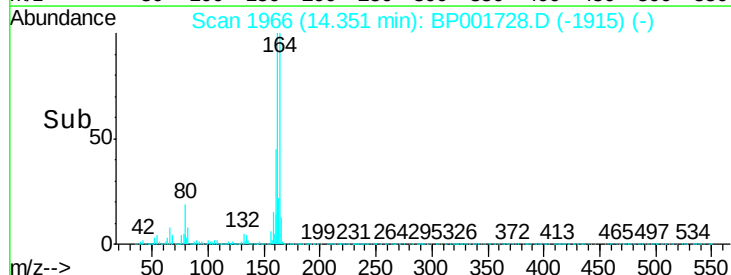
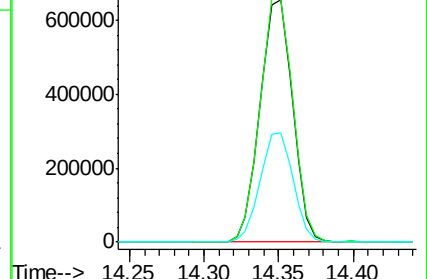
160 45.0 35.1 52.7

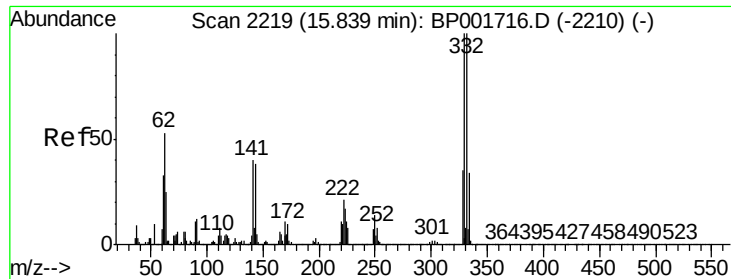


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

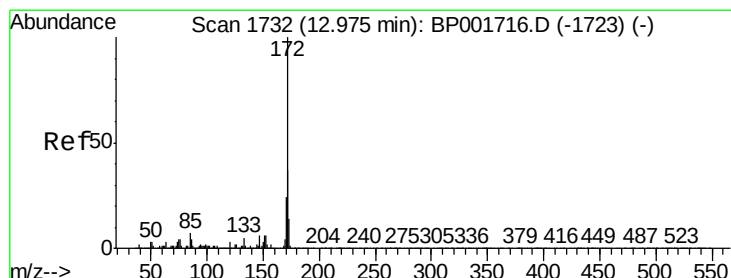
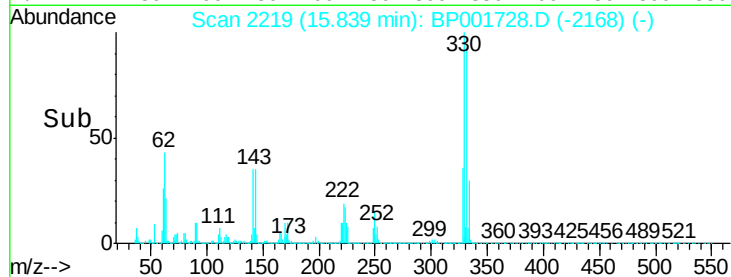
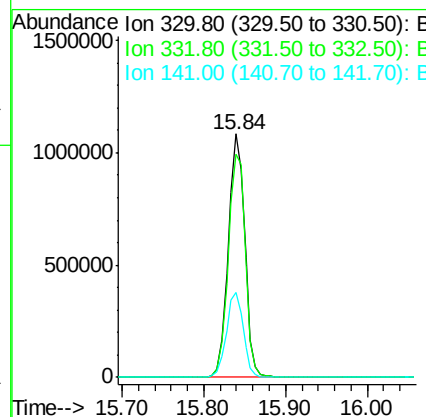
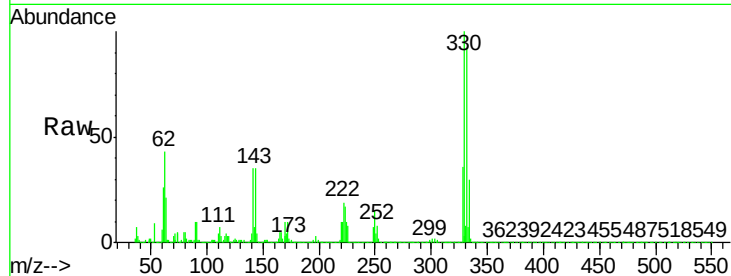




#42
 2,4,6-Tribromophenol
 Concen: 149.884 ng
 RT: 15.84 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: BP001728.D
 Acq: 07 Feb 2020 19:29

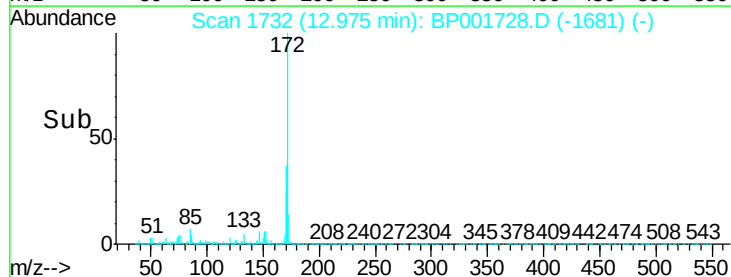
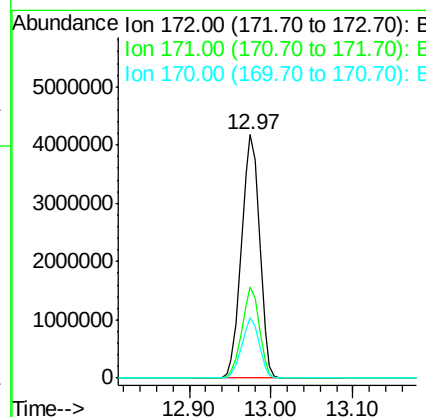
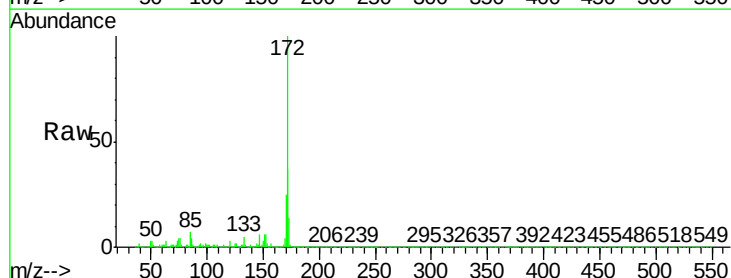
Instrument :
 BNA_P
 ClientSampleId :
 GROUNDWATER

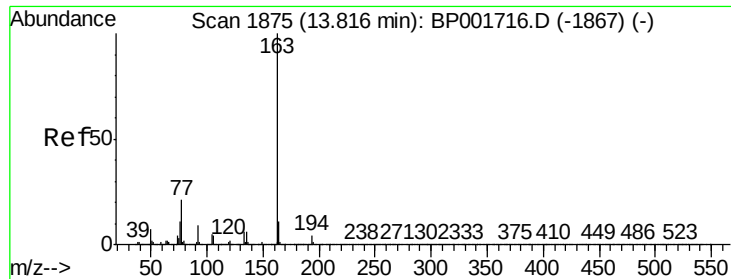
Tot Ion:330 Resp: 1520816
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.7 116.5
 141 35.9 31.3 46.9



#45
 2-Fluorobiphenyl
 Concen: 94.654 ng
 RT: 12.97 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: BP001728.D
 Acq: 07 Feb 2020 19:29

Tgt Ion:172 Resp: 6454965
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.2 43.8
 170 25.1 19.1 28.7

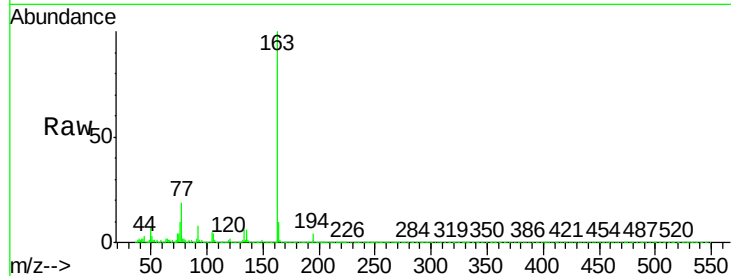




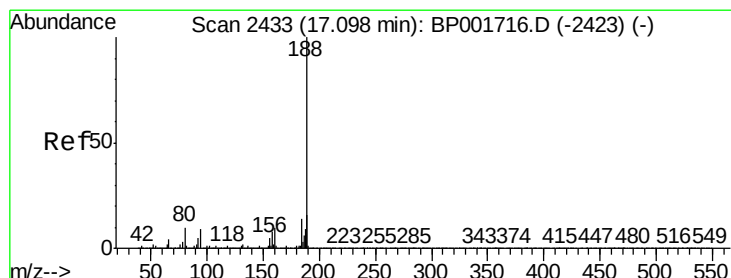
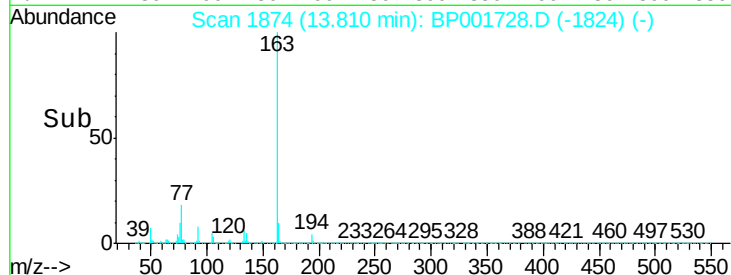
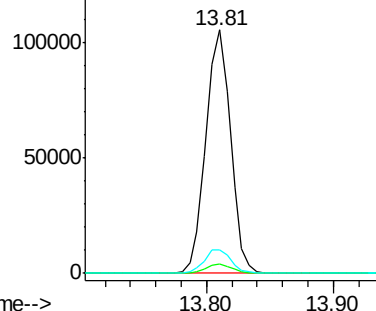
#50
Dimethylphthalate
Concen: 1.933 ng
RT: 13.81 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Instrument :
BNA_P
ClientSampled :
GROUNDWATER

Tot Ion:163 Resp: 141377
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 9.7 8.7 13.1

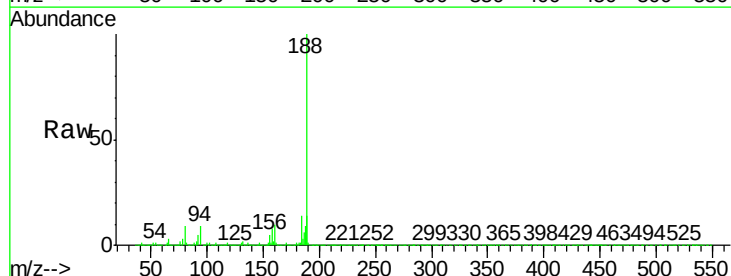


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

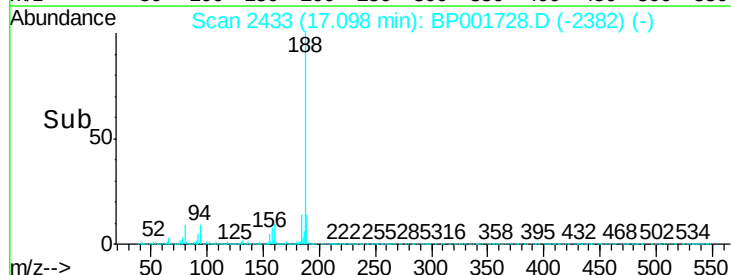
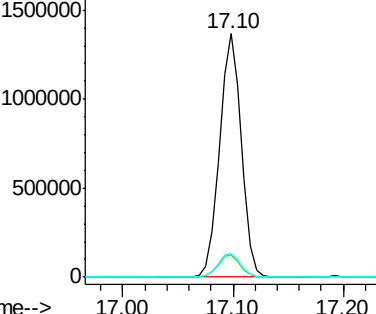


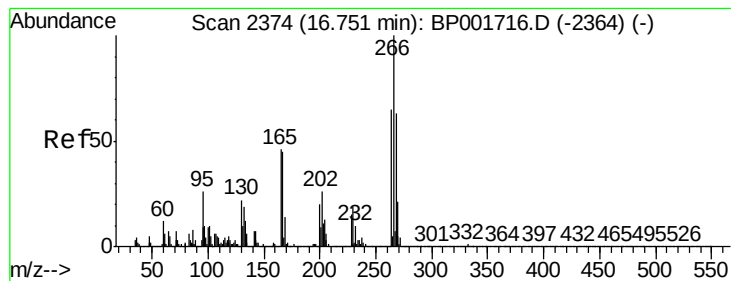
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BP001728.D
Acq: 07 Feb 2020 19:29

Tgt Ion:188 Resp: 1884720
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 9.4 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0





#70

Pentachlorophenol

Concen: 4.932 ng

RT: 16.75 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

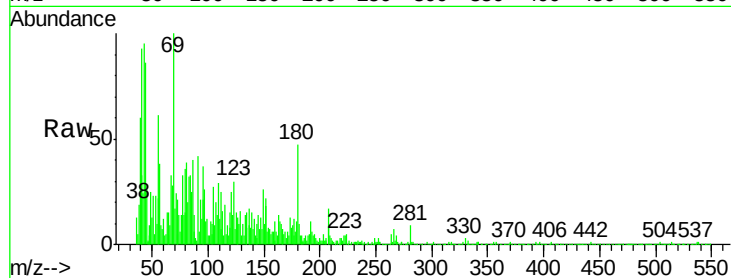
Tot Ion:266 Resp: 365

Ion Ratio Lower Upper

266 100

268 66.5 50.4 75.6

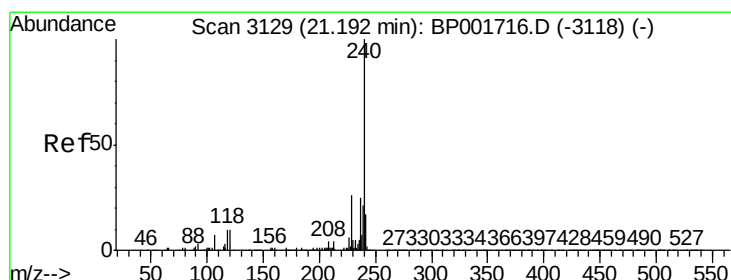
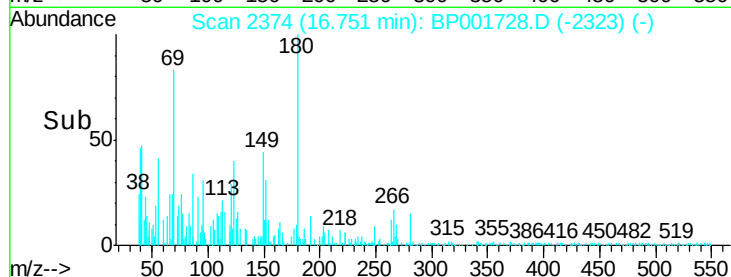
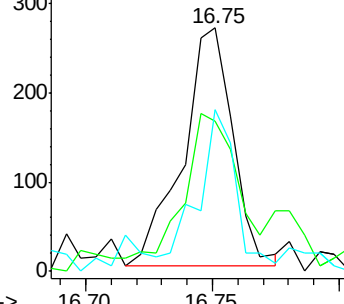
264 71.3 51.6 77.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

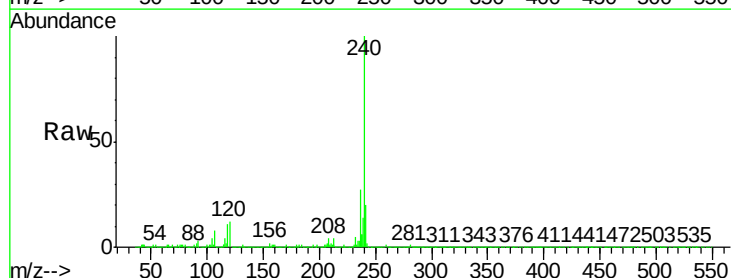
Tgt Ion:240 Resp: 1443800

Ion Ratio Lower Upper

240 100

120 12.0 8.3 12.5

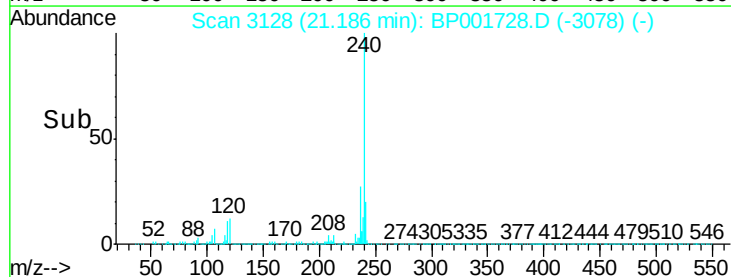
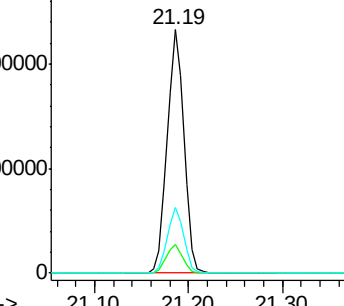
236 26.8 19.8 29.8

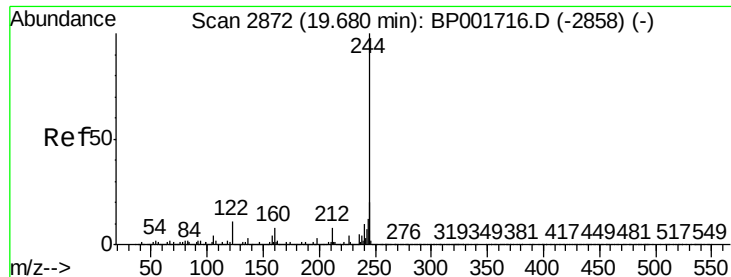


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.174 ng

RT: 19.67 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

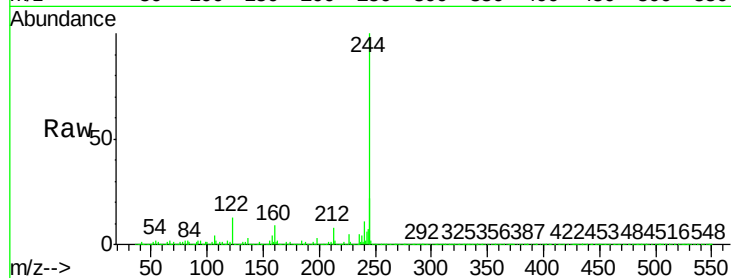
Tot Ion:244 Resp: 6380314

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

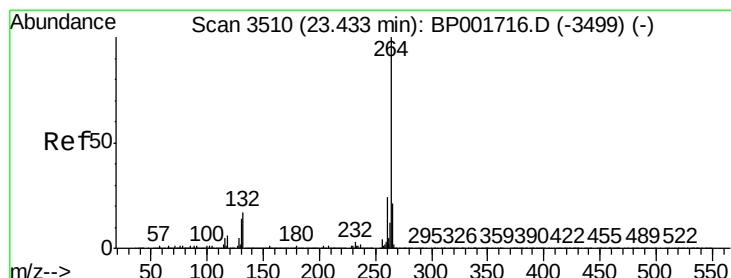
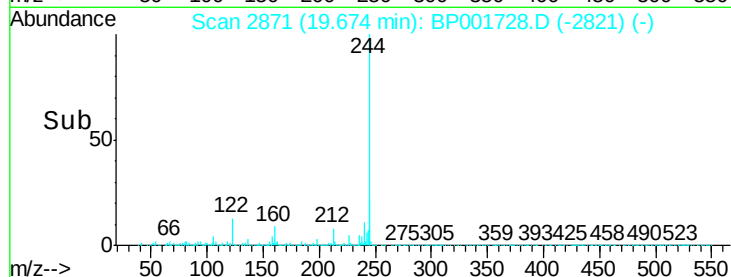
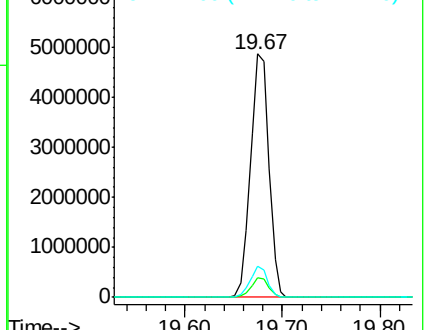
122 12.6 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.43 min Scan# 3509

Delta R.T. -0.01 min

Lab File: BP001728.D

Acq: 07 Feb 2020 19:29

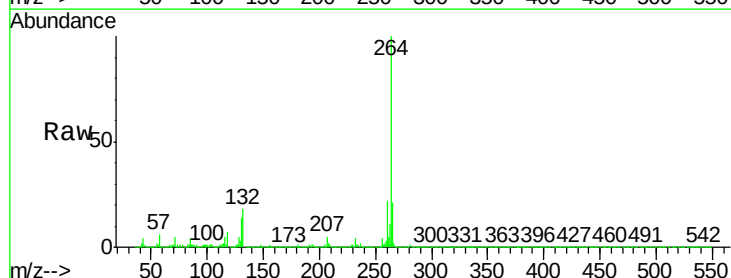
Tgt Ion:264 Resp: 1501828

Ion Ratio Lower Upper

264 100

260 22.2 18.9 28.3

265 21.0 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

