

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
 Data File : BP001231.D
 Acq On : 06 Dec 2019 15:55
 Operator : JU
 Sample : K6025-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GROUNDWATER

Quant Time: Dec 06 18:03:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

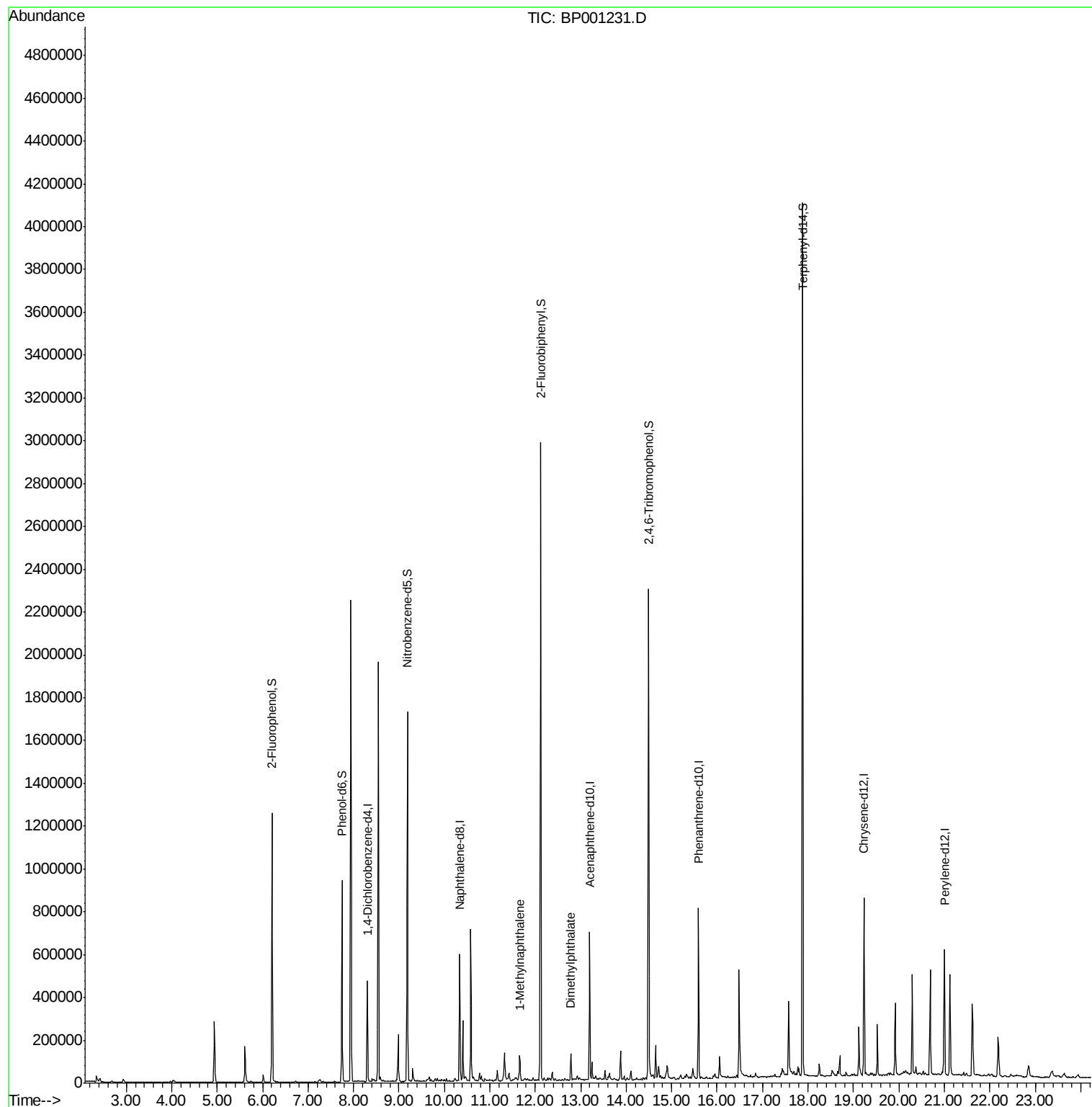
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	80424	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	292546	20.00	ng	-0.02
39) Acenaphthene-d10	13.20	164	174537	20.00	ng	-0.01
64) Phenanthrene-d10	15.59	188	356768	20.00	ng	-0.02
76) Chrysene-d12	19.23	240	295492	20.00	ng	-0.02
87) Perylene-d12	21.00	264	296309	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	379506	78.29	ng	0.00
7) Phenol-d6	7.75	99	314877	48.76	ng	-0.02
23) Nitrobenzene-d5	9.19	82	694220	102.96	ng	-0.01
42) 2,4,6-Tribromophenol	14.49	330	313280	187.26	ng	-0.01
45) 2-Fluorobiphenyl	12.12	172	1149577	96.40	ng	-0.02
79) Terphenyl-d14	17.88	244	1665876	104.30	ng	-0.01
Target Compounds						
38) 1-Methylnaphthalene	11.66	142	35267	3.662	ng	97
50) Dimethylphthalate	12.78	163	51822	3.970	ng	98

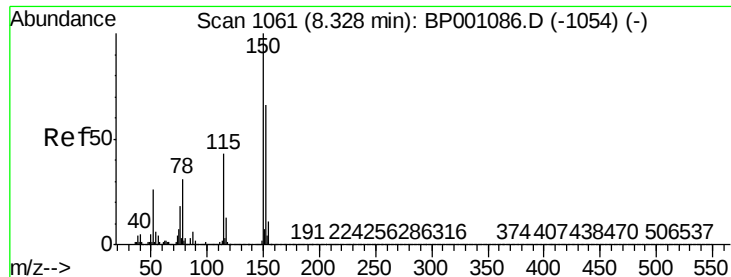
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001231.D
Acq On : 06 Dec 2019 15:55
Operator : JU
Sample : K6025-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

Quant Time: Dec 06 18:03:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration

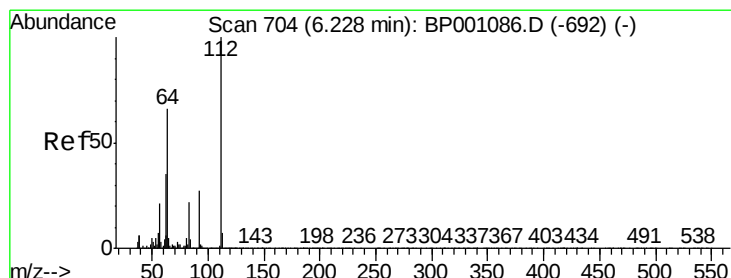
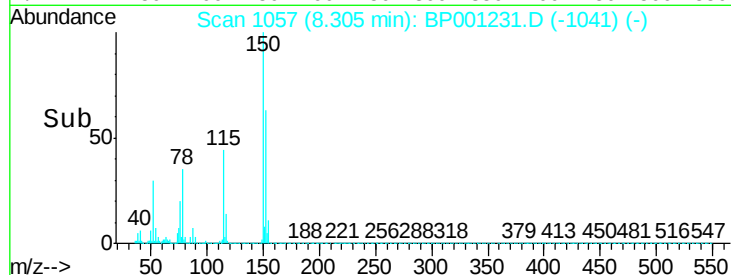
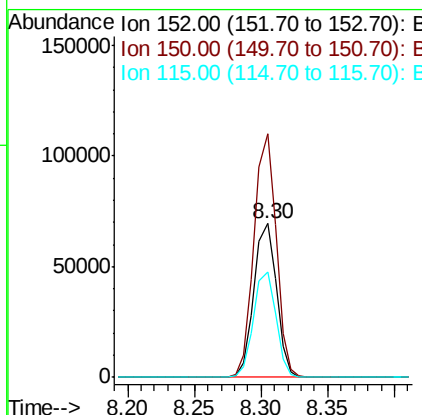
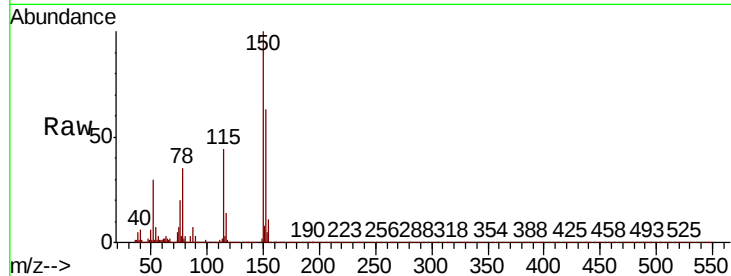




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BP001231.D
 Acq: 06 Dec 2019 15:55

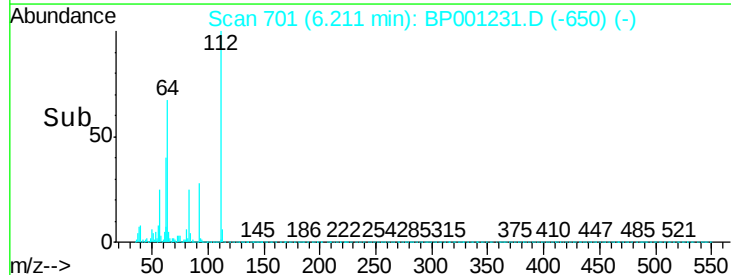
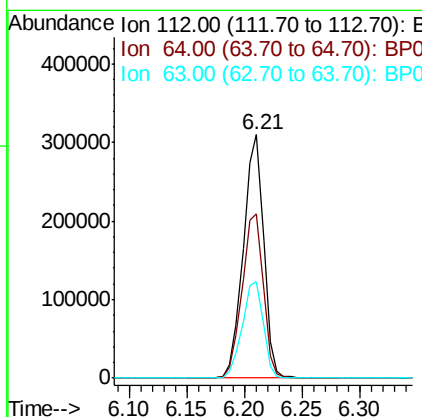
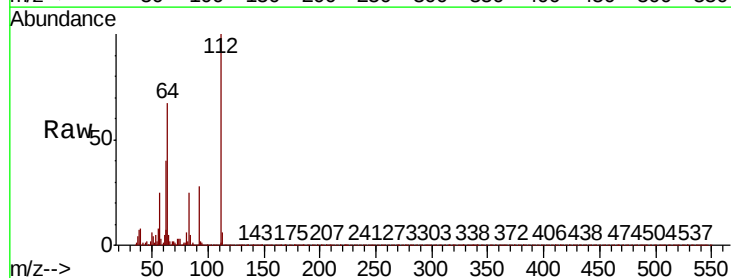
Instrument :
 BNA_P
 ClientSampleId :
 GROUNDWATER

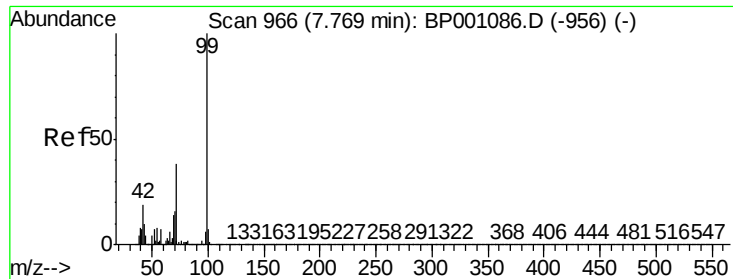
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	127.3	190.9
115	69.0	56.0	84.0



#5
 2-Fluorophenol
 Concen: 78.289 ng
 RT: 6.21 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BP001231.D
 Acq: 06 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	56.8	85.2
63	39.8	32.2	48.2





#7

Phenol-d6

Concen: 48.757 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.02 min

Lab File: BP001231.D

Acq: 06 Dec 2019 15:55

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

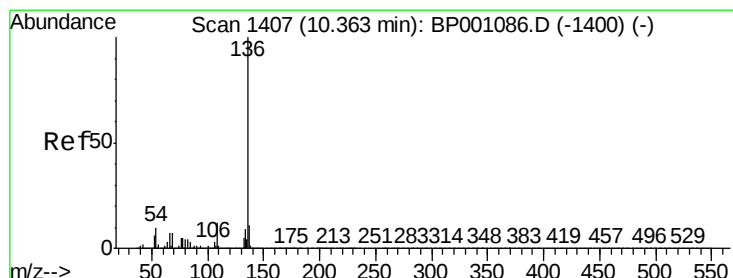
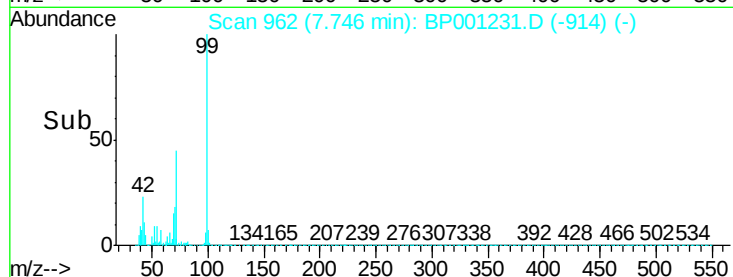
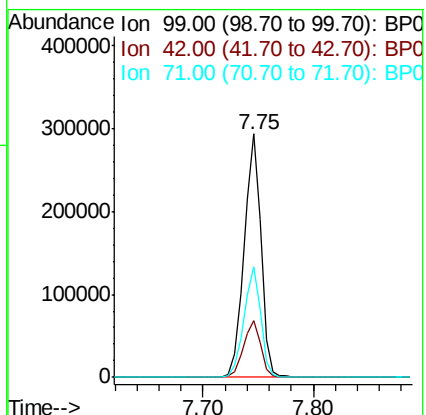
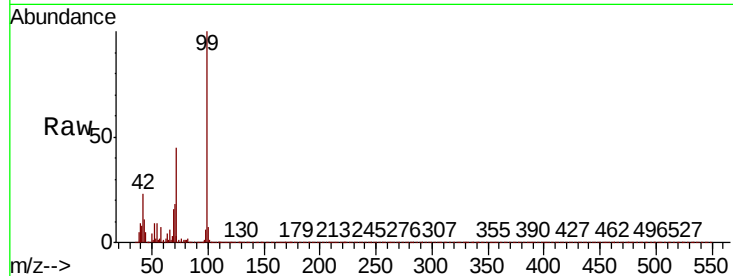
Tot Ion: 99 Resp: 314877

Ion Ratio Lower Upper

99 100

42 23.2 17.6 26.4

71 45.4 33.8 50.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.02 min

Lab File: BP001231.D

Acq: 06 Dec 2019 15:55

Tgt Ion: 136 Resp: 292546

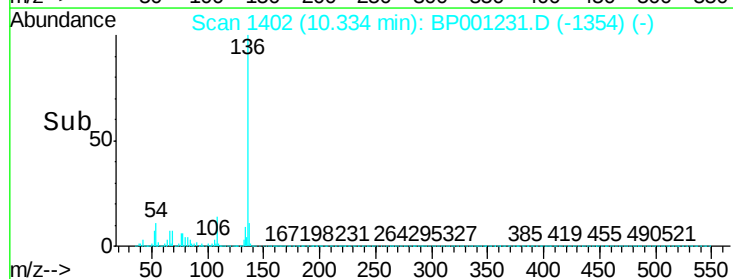
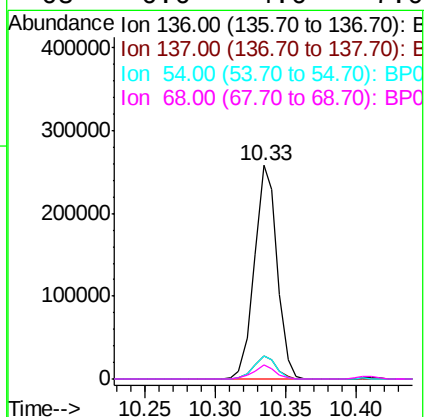
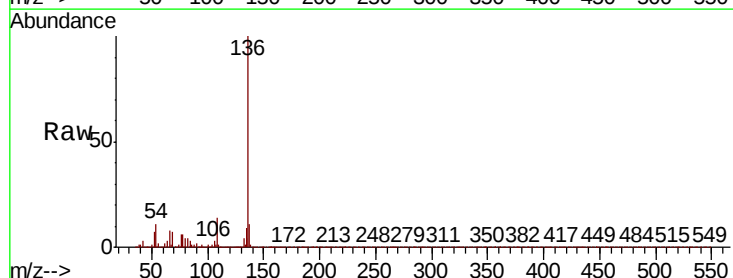
Ion Ratio Lower Upper

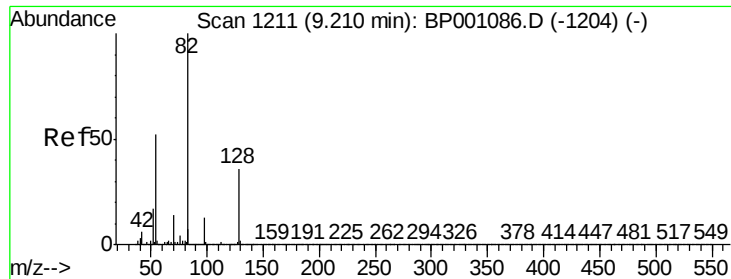
136 100

137 10.7 8.4 12.6

54 10.6 7.4 11.0

68 6.6 4.6 7.0

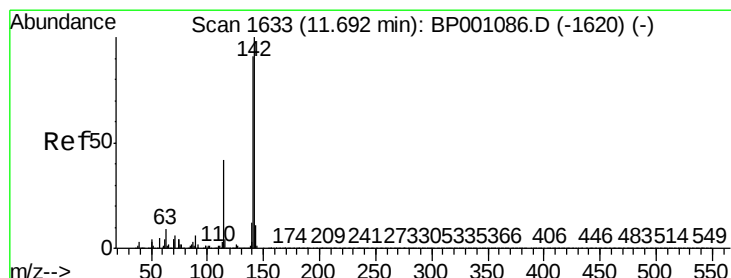
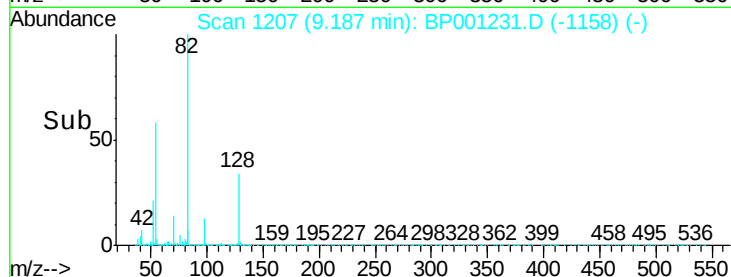
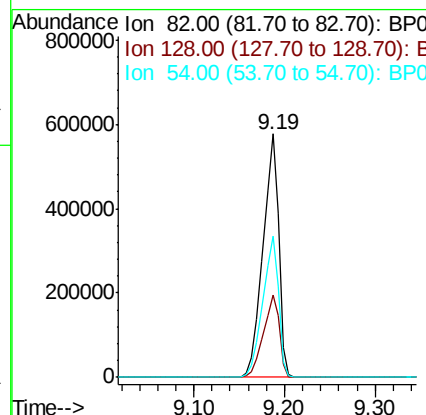
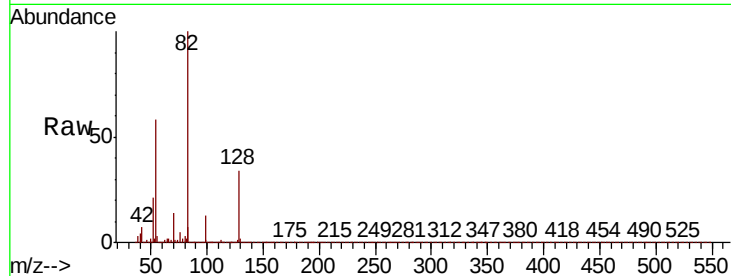




#23
 Nitrobenzene-d5
 Concen: 102.956 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BP001231.D
 Acq: 06 Dec 2019 15:55

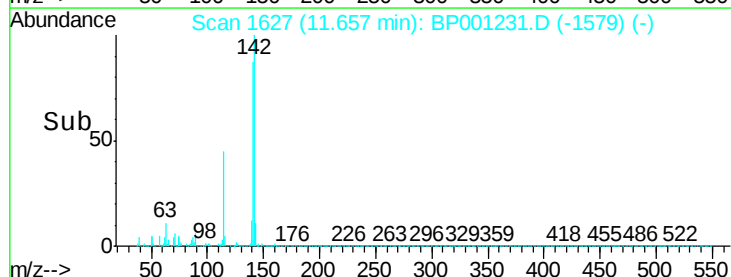
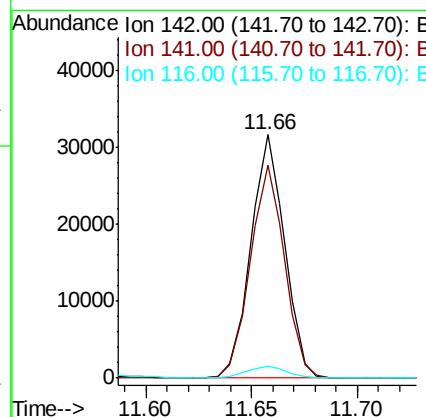
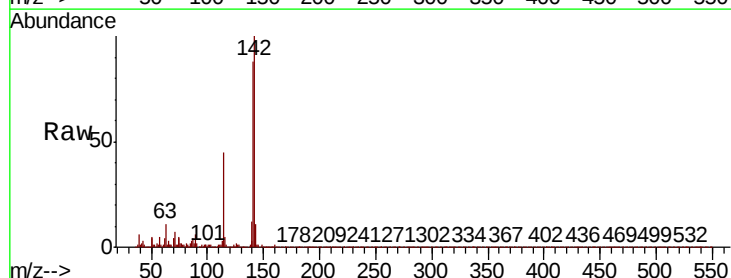
Instrument :
 BNA_P
 ClientSampleId :
 GROUNDWATER

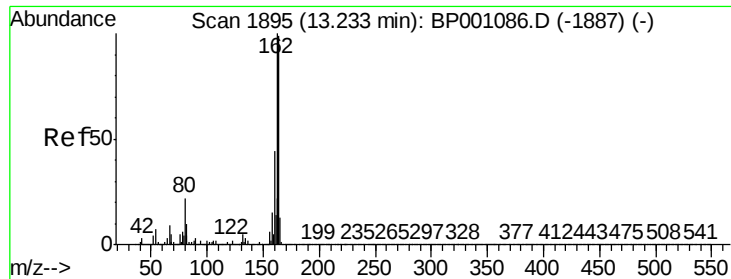
Tot Ion	82	Resp	694220
Ion Ratio	Lower	Upper	
82	100		
128	33.9	27.5	41.3
54	57.9	45.7	68.5



#38
 1-Methylnaphthalene
 Concen: 3.662 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BP001231.D
 Acq: 06 Dec 2019 15:55

Tgt Ion	142	Resp	35267
Ion Ratio	Lower	Upper	
142	100		
141	87.5	72.7	109.1
116	5.1	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BP001231.D

Acq: 06 Dec 2019 15:55

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

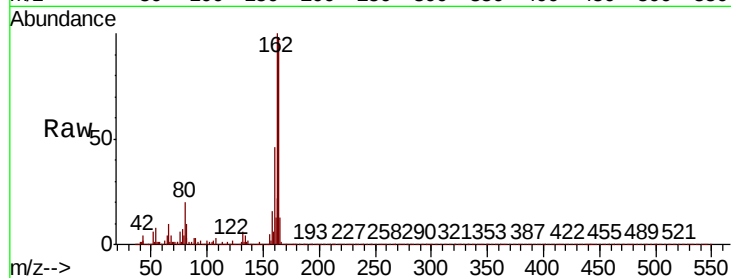
Tot Ion:164 Resp: 174537

Ion Ratio Lower Upper

164 100

162 102.0 80.7 121.1

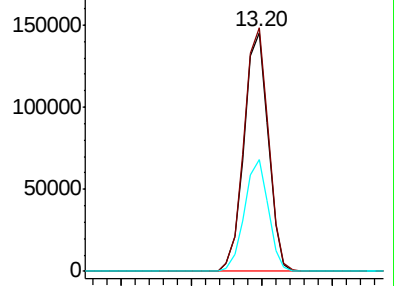
160 46.6 36.3 54.5



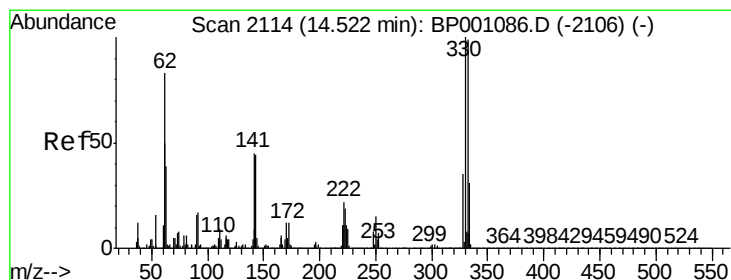
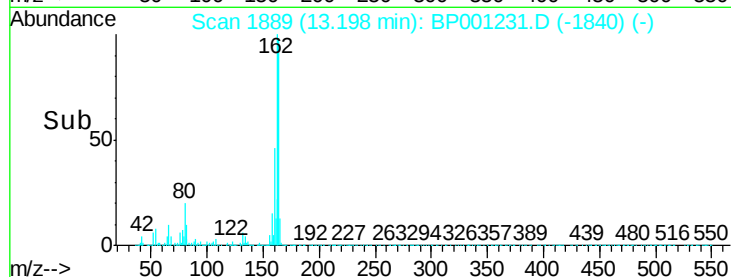
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 13.10 13.15 13.20 13.25



#42

2,4,6-Tribromophenol

Concen: 187.263 ng

RT: 14.49 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BP001231.D

Acq: 06 Dec 2019 15:55

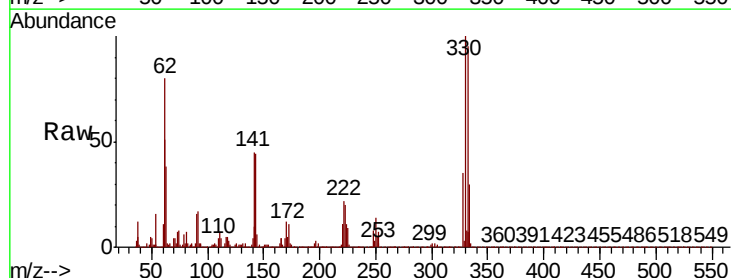
Tgt Ion:330 Resp: 313280

Ion Ratio Lower Upper

330 100

332 95.5 79.1 118.7

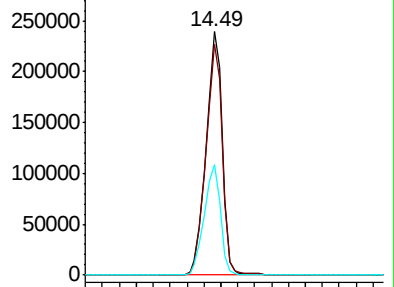
141 45.7 35.9 53.9



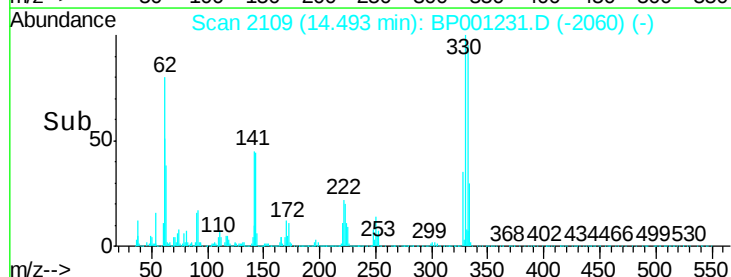
Abundance Ion 329.80 (329.50 to 330.50): E

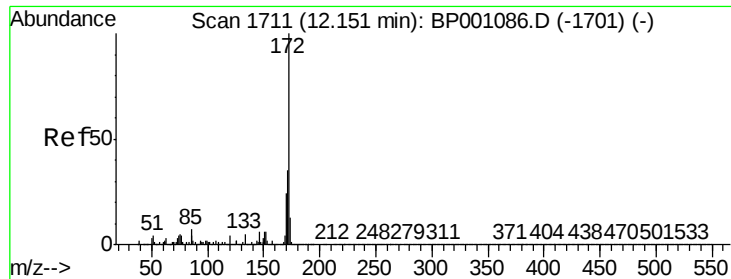
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time--> 14.40 14.50 14.60

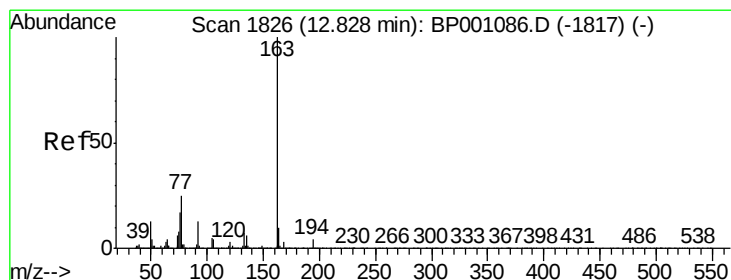
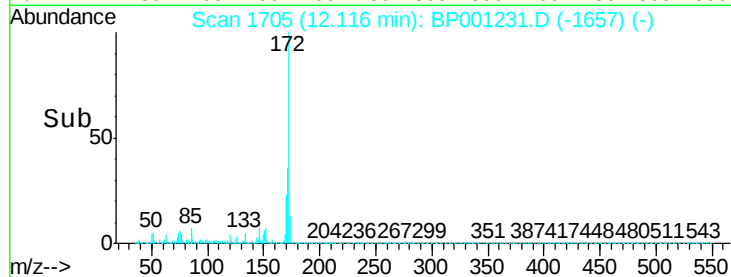
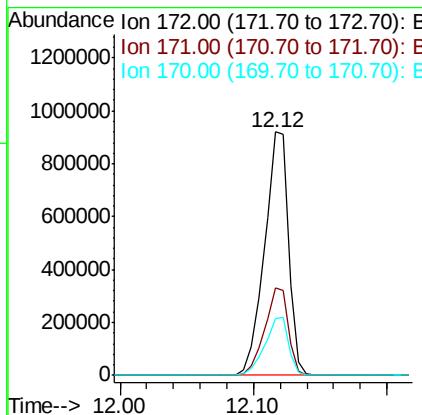
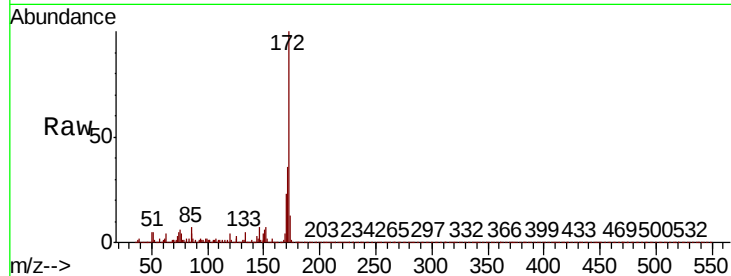




#45
2-Fluorobiphenyl
Concen: 96.397 ng
RT: 12.12 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BP001231.D
Acq: 06 Dec 2019 15:55

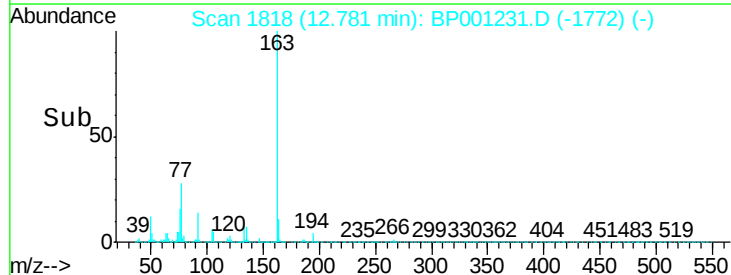
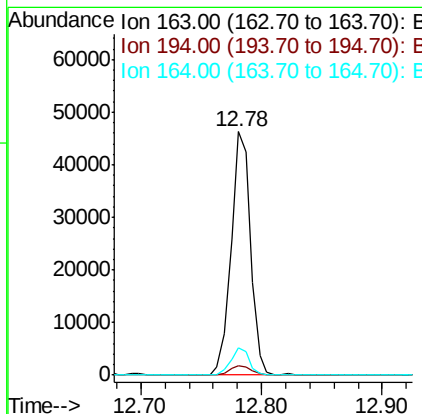
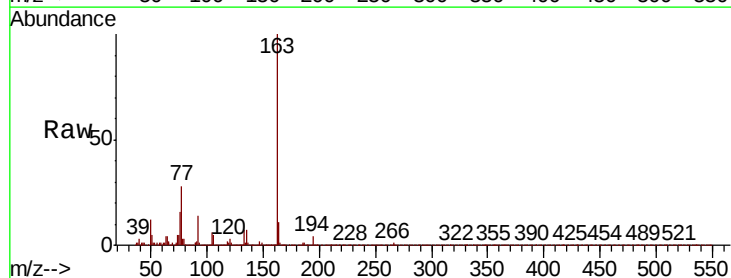
Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

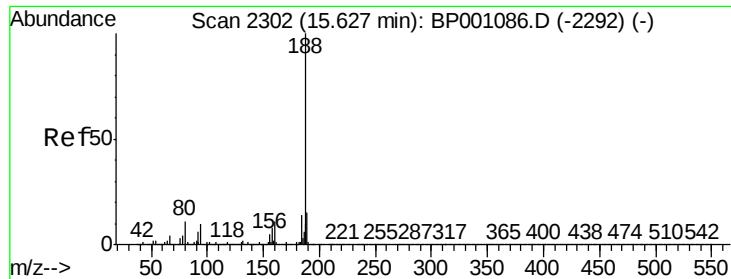
Tot Ion:172 Resp: 1149577
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.4 19.2 28.8



#50
Dimethylphthalate
Concen: 3.970 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.03 min
Lab File: BP001231.D
Acq: 06 Dec 2019 15:55

Tgt Ion:163 Resp: 51822
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 11.2 8.2 12.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.59 min Scan# 2296

Delta R.T. -0.02 min

Lab File: BP001231.D

Acq: 06 Dec 2019 15:55

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

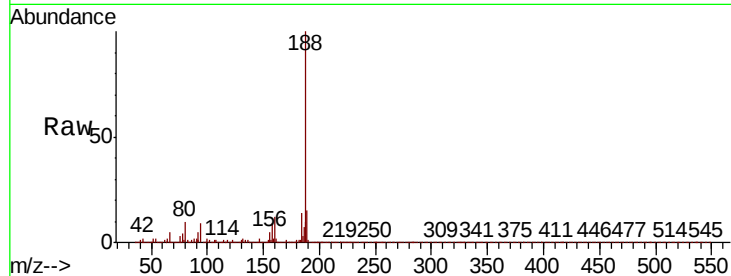
Tot Ion:188 Resp: 356768

Ion Ratio Lower Upper

188 100

94 9.2 7.1 10.7

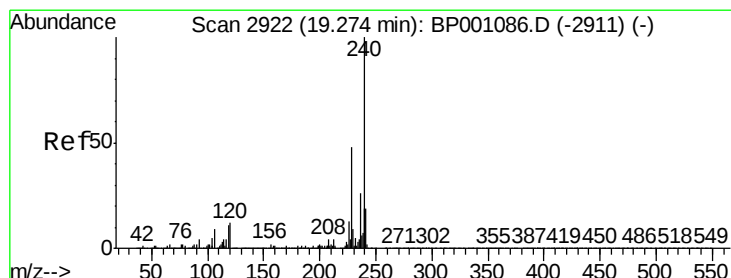
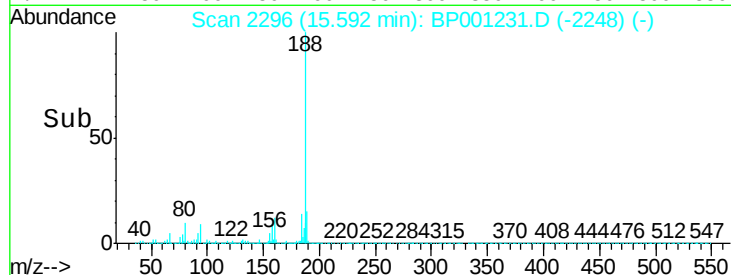
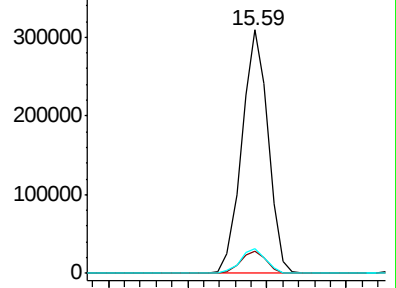
80 10.0 7.8 11.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.23 min Scan# 2915

Delta R.T. -0.02 min

Lab File: BP001231.D

Acq: 06 Dec 2019 15:55

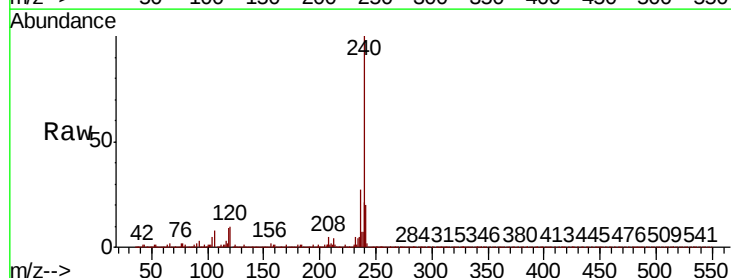
Tgt Ion:240 Resp: 295492

Ion Ratio Lower Upper

240 100

120 9.7 7.0 10.6

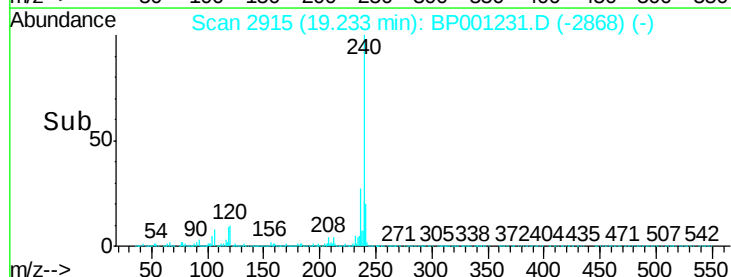
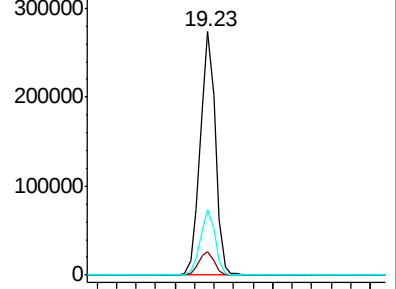
236 27.0 21.7 32.5

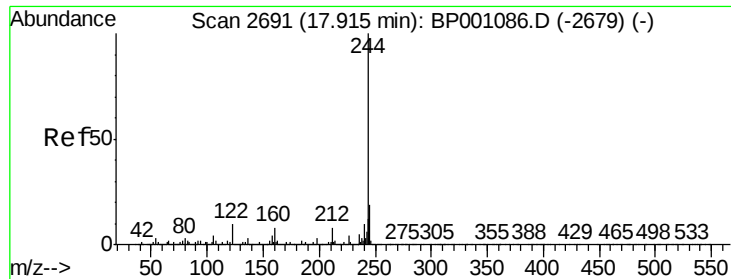


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.301 ng

RT: 17.88 min Scan# 2685

Delta R.T. -0.01 min

Lab File: BP001231.D

Acq: 06 Dec 2019 15:55

Instrument :

BNA_P

ClientSampleId :

GROUNDWATER

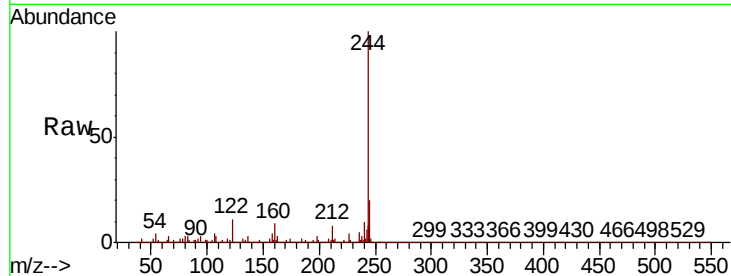
Tot Ion:244 Resp: 1665876

Ion Ratio Lower Upper

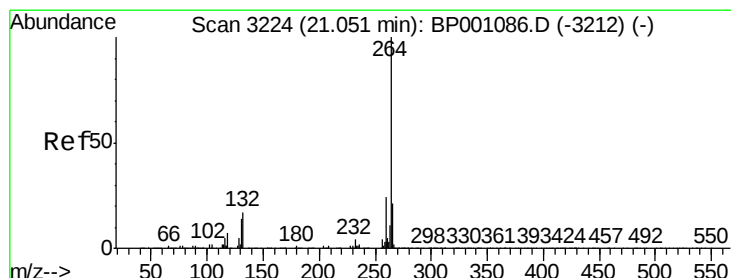
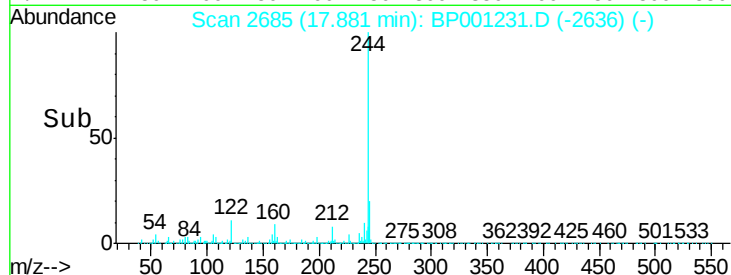
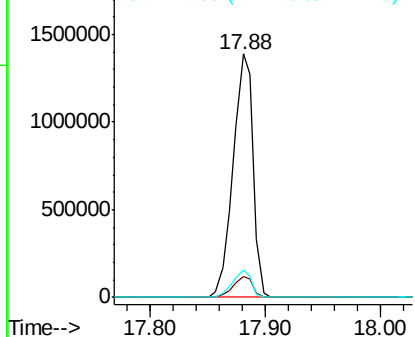
244 100

212 8.4 6.6 9.8

122 11.2 9.2 13.8



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: 21.00 min Scan# 3216

Delta R.T. -0.02 min

Lab File: BP001231.D

Acq: 06 Dec 2019 15:55

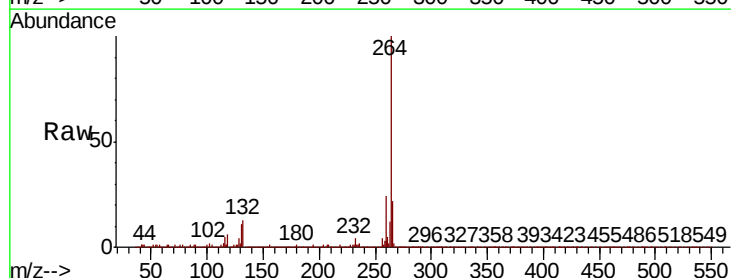
Tgt Ion:264 Resp: 296309

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 21.6 17.1 25.7



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

