

Data File : BP001612.D
Acq On : 15 Jan 2020 16:51
Operator : JU
Sample : L1126-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BW-2-20.0

Quant Time: Jan 16 06:00:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 21:52:04 2020
Response via : Initial Calibration

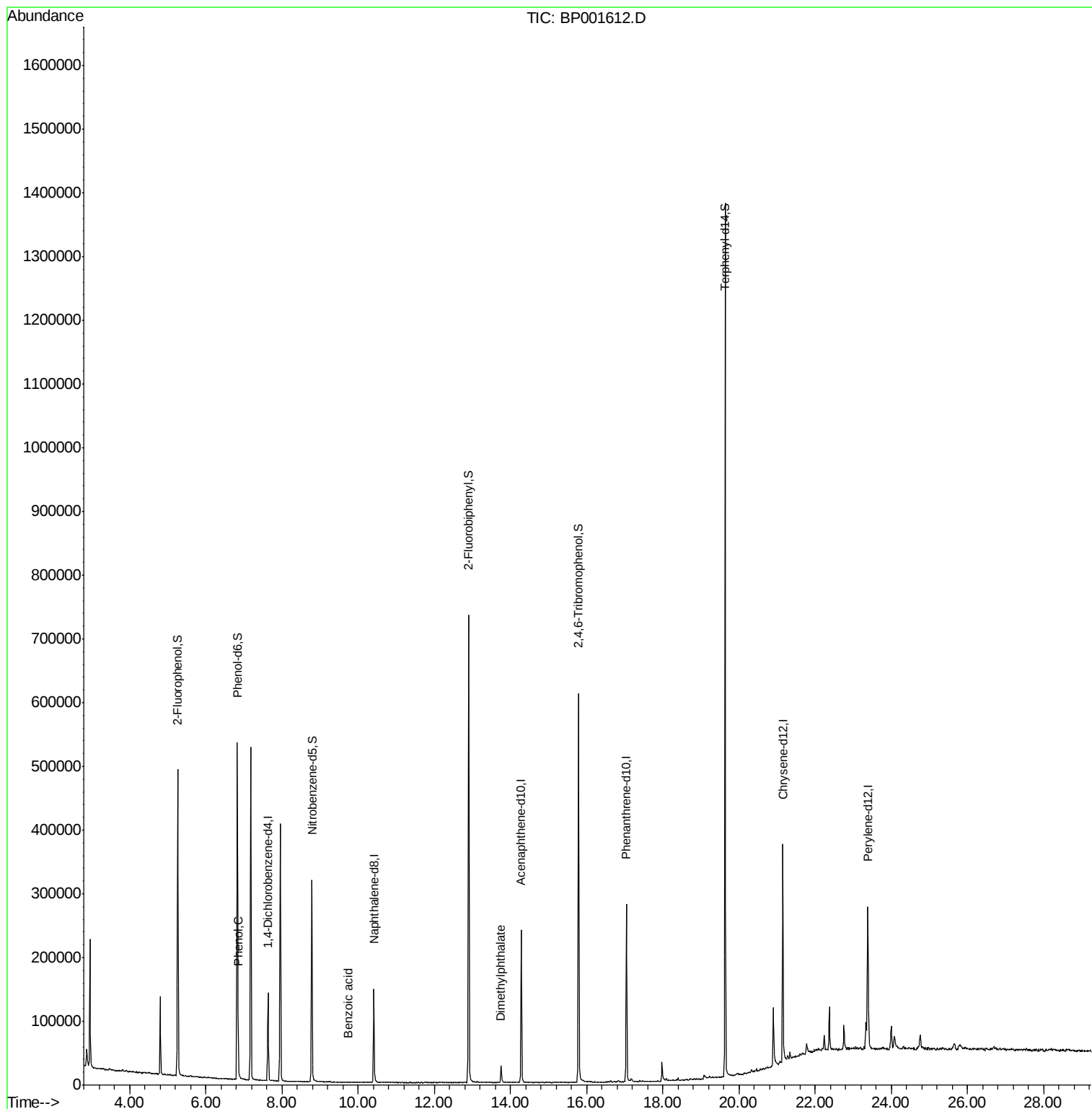
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	29264	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	107925	20.00	ng	-0.01
39) Acenaphthene-d10	14.28	164	72950	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	169276	20.00	ng	0.00
76) Chrysene-d12	21.15	240	162286	20.00	ng	-0.01
87) Perylene-d12	23.38	264	172457	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	157471	105.41	ng	0.00
7) Phenol-d6	6.83	99	222187	93.06	ng	0.00
23) Nitrobenzene-d5	8.78	82	159615	64.63	ng	0.00
42) 2,4,6-Tribromophenol	15.78	330	92909	83.67	ng	-0.01
45) 2-Fluorobiphenyl	12.90	172	346190	69.77	ng	0.00
79) Terphenyl-d14	19.63	244	591716	66.69	ng	0.00
Target Compounds						
10) Phenol	6.85	94	5750	2.328	ng	87
32) Benzoic acid	9.73	122	9	4.709	ng	# 35
50) Dimethylphthalate	13.75	163	18161	3.023	ng	# 91

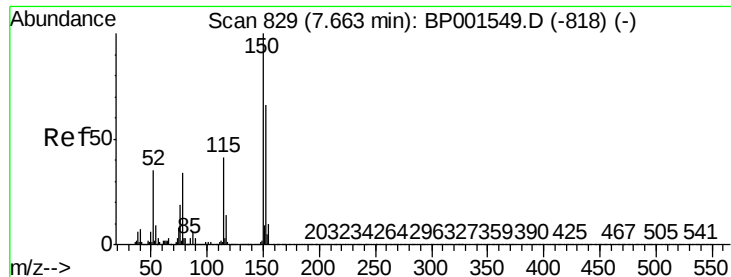
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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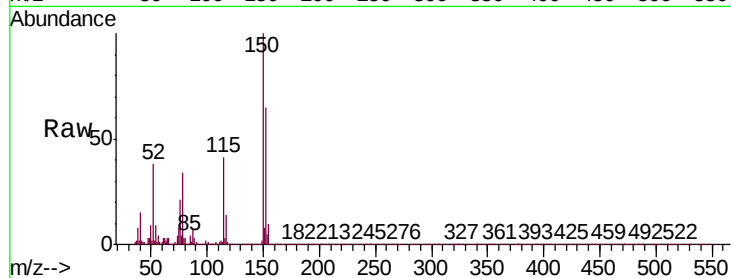


#1

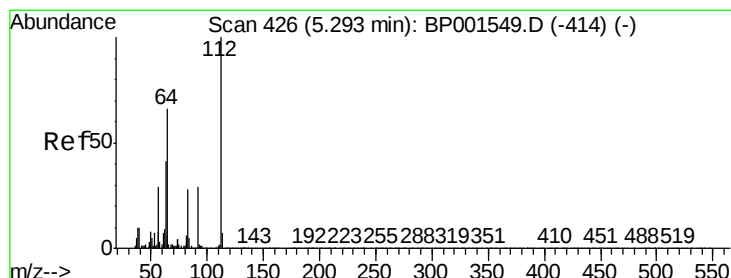
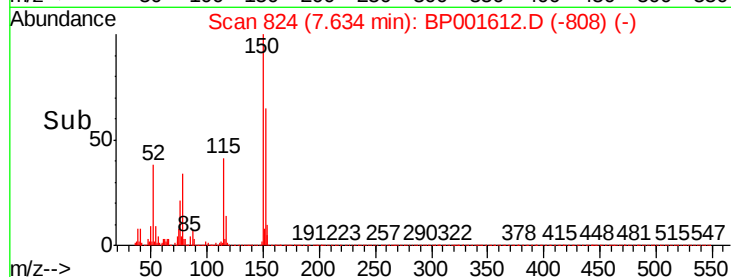
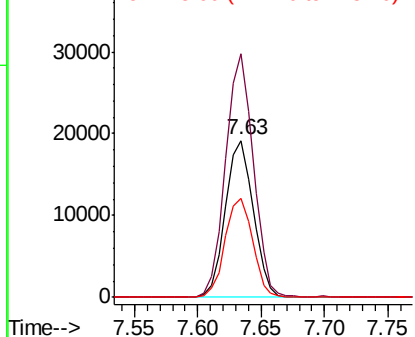
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001612.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_P
ClientSampleId :
BW-2-20.0

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.0	183.0
115	62.9	50.7	76.1



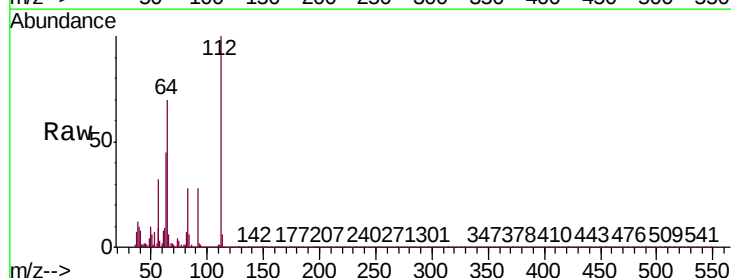
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



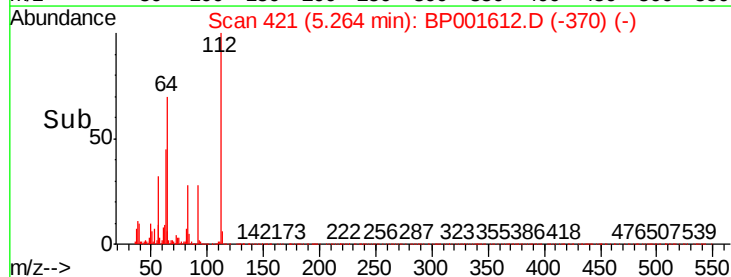
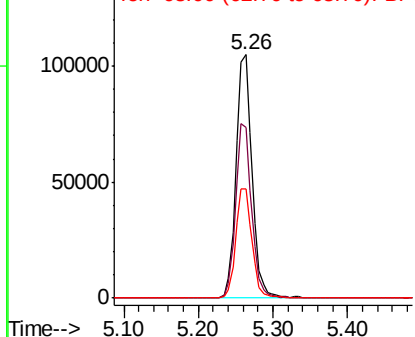
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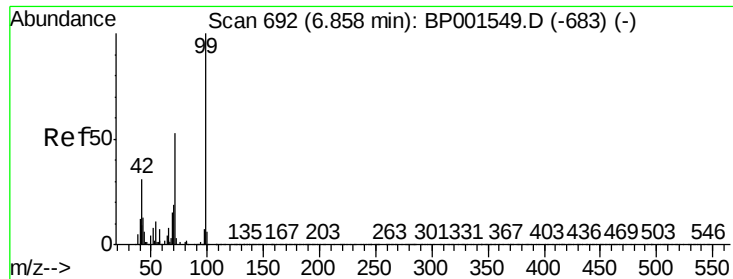
2-Fluorophenol
Concen: 105.409 ng
RT: 5.26 min Scan# 421
Delta R.T. 0.00 min
Lab File: BP001612.D
Acq: 15 Jan 2020 16:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	52.8	79.2
63	44.7	33.1	49.7



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: 93.061 ng

RT: 6.83 min Scan# 687

Delta R.T. -0.01 min

Lab File: BP001612.D

Acq: 15 Jan 2020 16:51

Instrument :

BNA_P

ClientSampleId :

BW-2-20.0

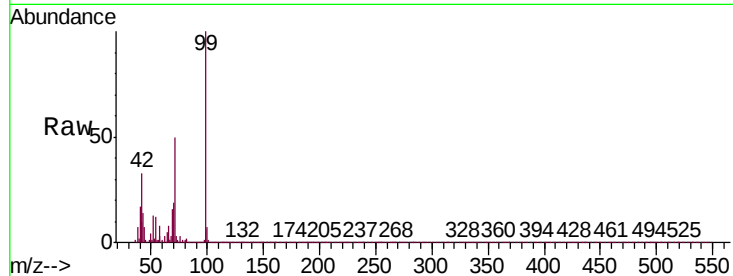
Tgt Ion: 99 Resp: 222187

Ion Ratio Lower Upper

99 100

42 33.3 24.5 36.7

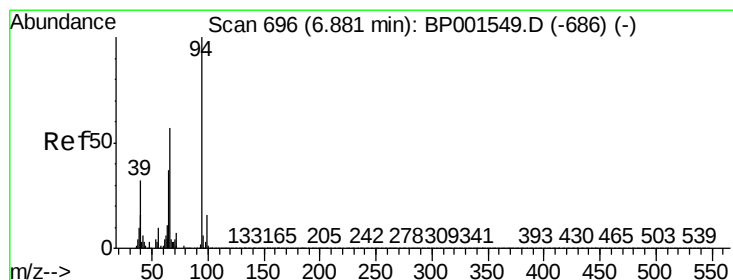
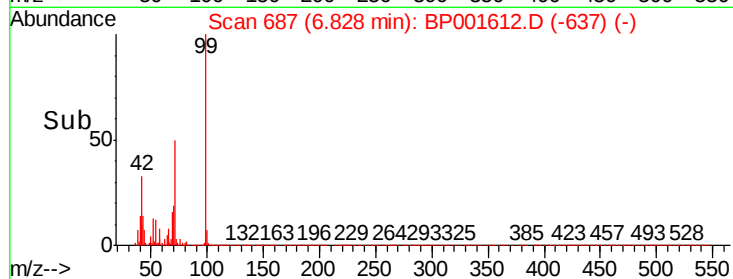
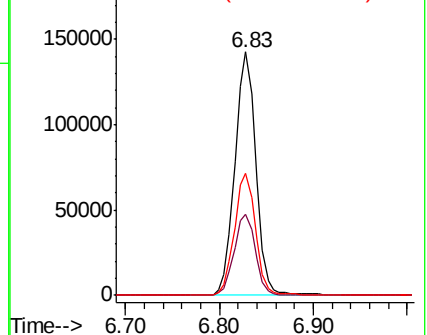
71 50.2 42.4 63.6



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



#10

Phenol

Concen: 2.328 ng

RT: 6.85 min Scan# 691

Delta R.T. -0.01 min

Lab File: BP001612.D

Acq: 15 Jan 2020 16:51

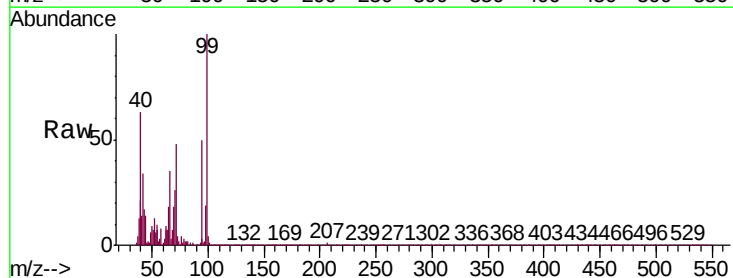
Tgt Ion: 94 Resp: 5750

Ion Ratio Lower Upper

94 100

65 36.6 17.5 57.5

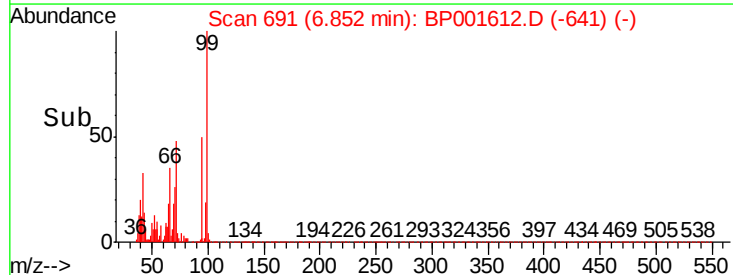
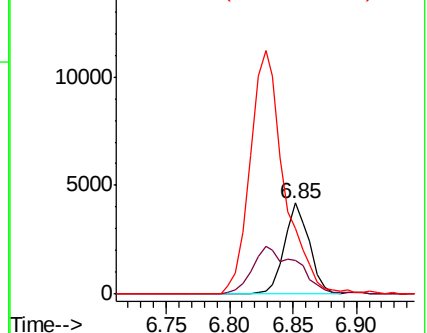
66 71.4 36.7 76.7

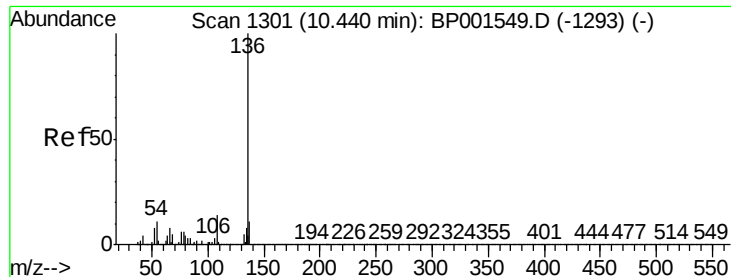


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

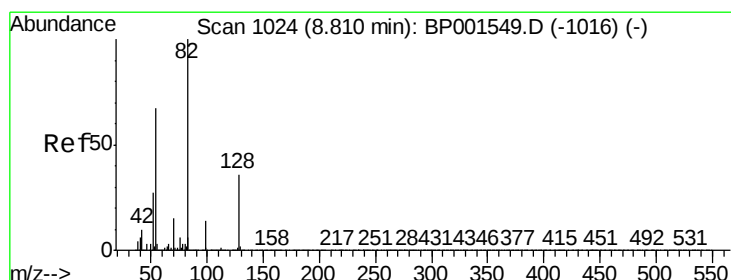
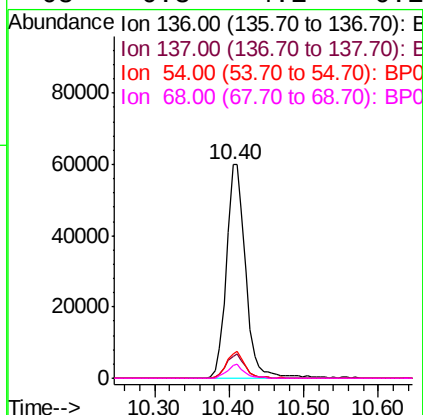
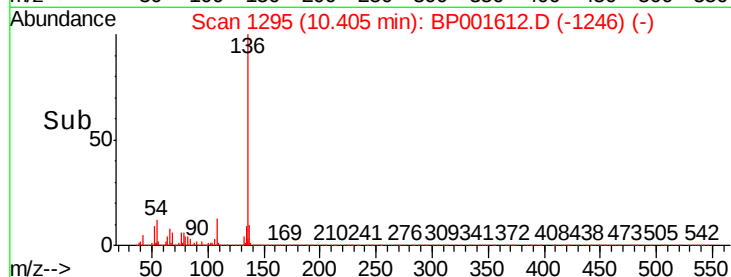
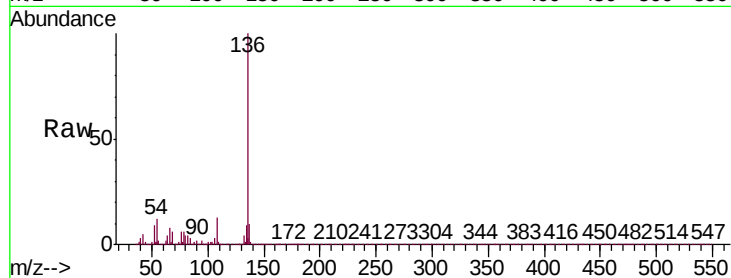




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BP001612.D
Acq: 15 Jan 2020 16:51

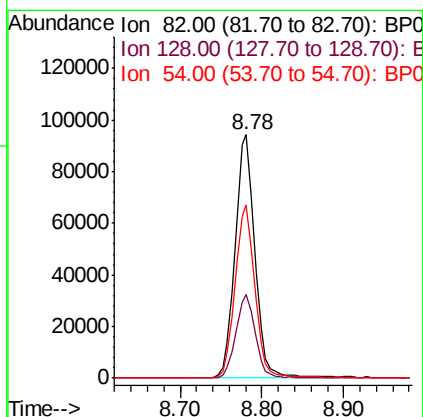
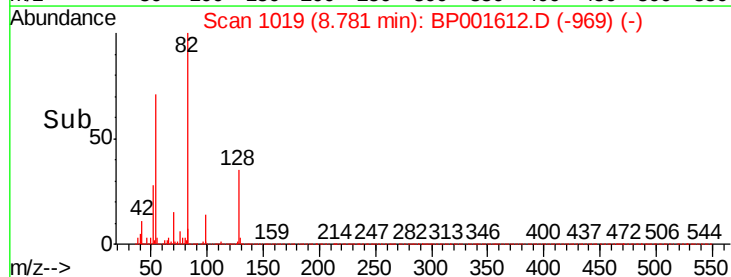
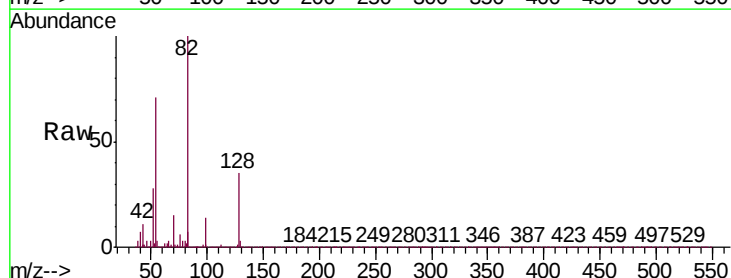
Instrument :
BNA_P
ClientSampleId :
BW-2-20.0

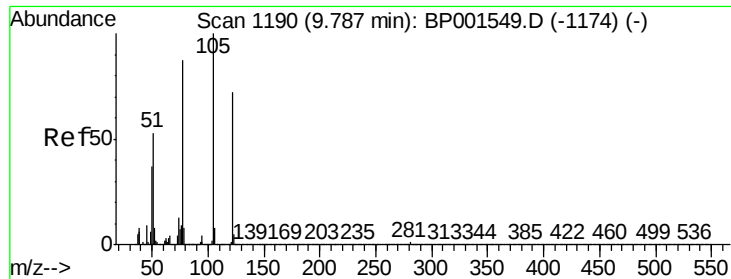
Tgt Ion:	136	Resp:	107925
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	12.8
54	11.5	9.2	13.8
68	6.3	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 64.626 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001612.D
Acq: 15 Jan 2020 16:51

Tgt Ion:	82	Resp:	159615
Ion	Ratio	Lower	Upper
82	100		
128	34.6	28.4	42.6
54	70.9	53.4	80.2

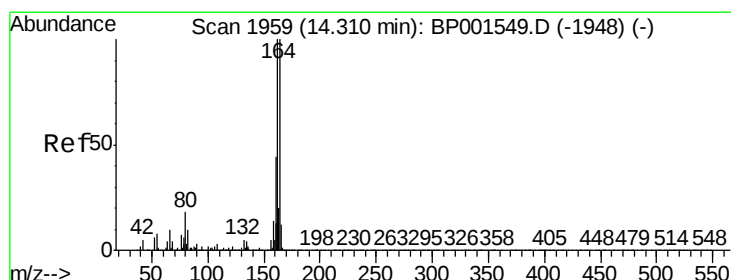
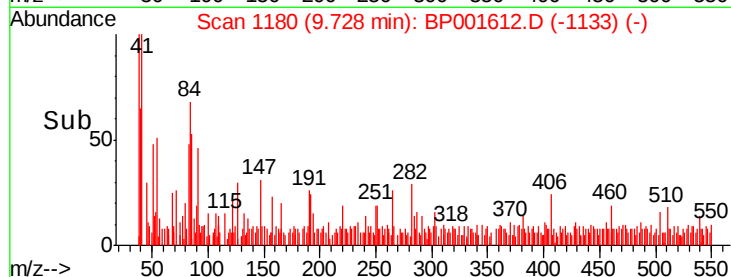
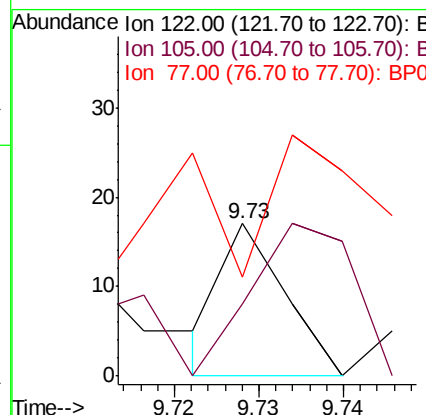
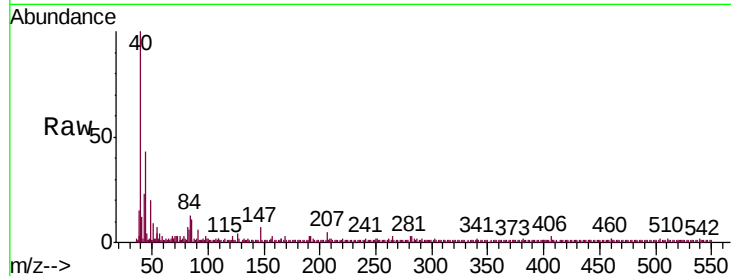




#32
Benzoic acid
Concen: 4.709 ng
RT: 9.73 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BP001612.D
Acq: 15 Jan 2020 16:51

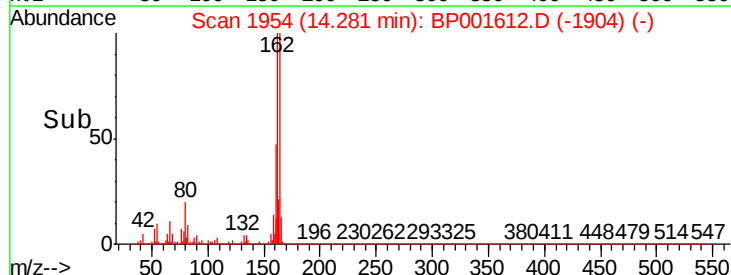
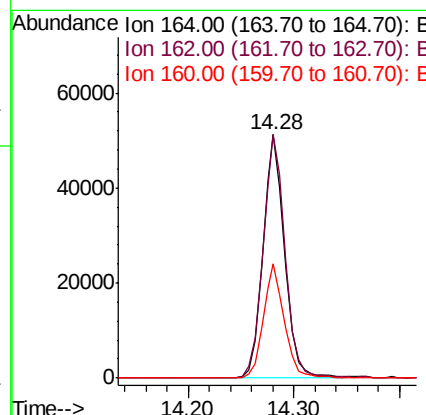
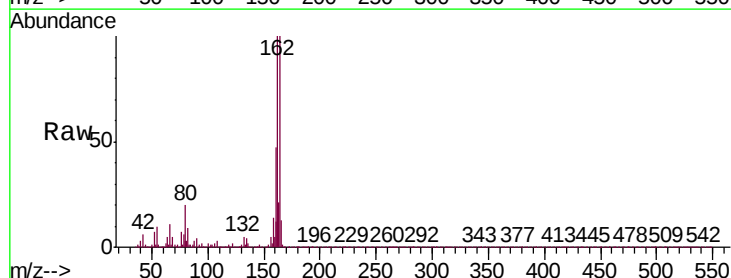
Instrument :
BNA_P
ClientSampleId :
BW-2-20.0

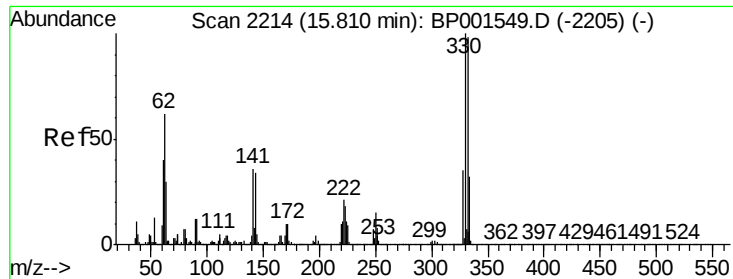
Tgt Ion	Ratio	Lower	Upper
122	100		
105	47.1	119.5	159.5#
77	64.7	102.8	142.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP001612.D
Acq: 15 Jan 2020 16:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.8	119.6
160	46.9	35.0	52.6

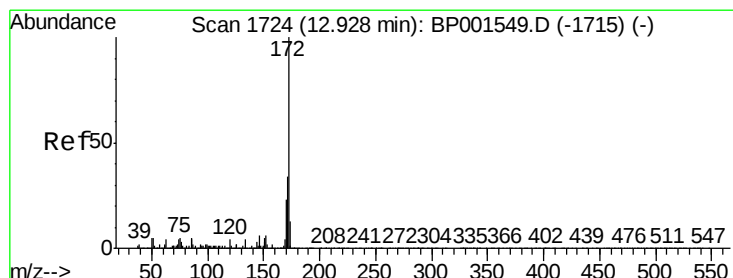
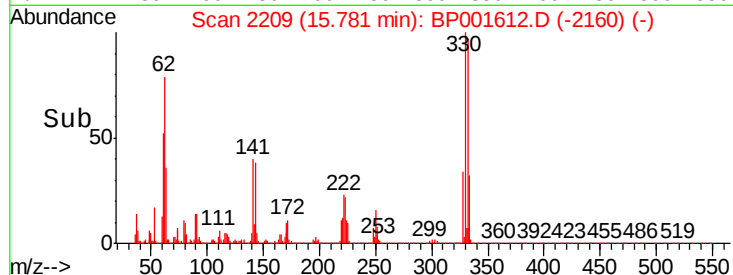
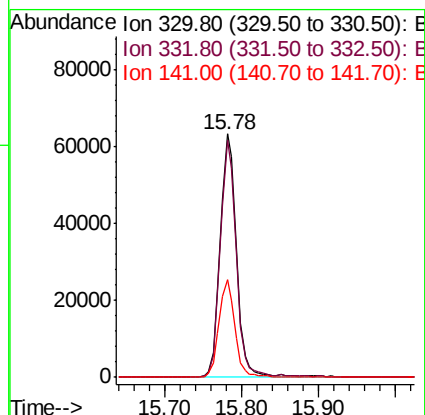
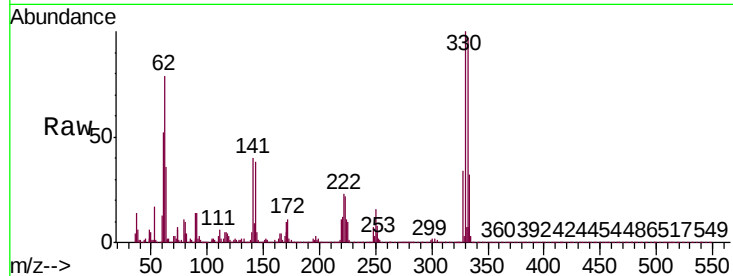




#42
 2,4,6-Tribromophenol
 Concen: 83.668 ng
 RT: 15.78 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BP001612.D
 Acq: 15 Jan 2020 16:51

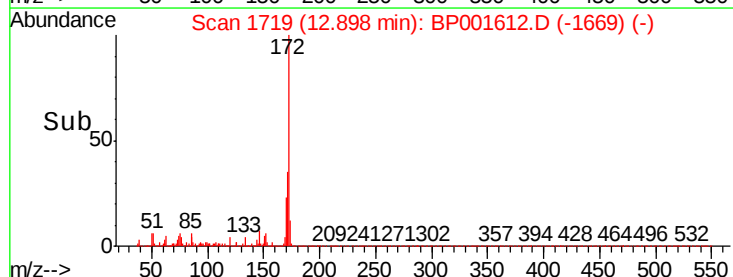
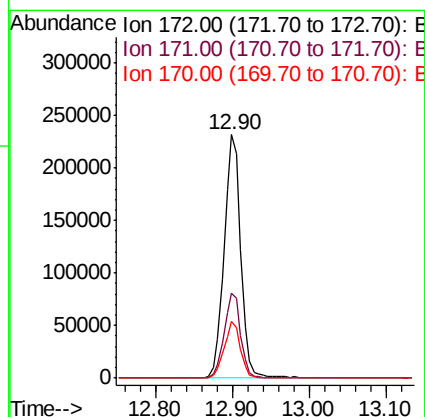
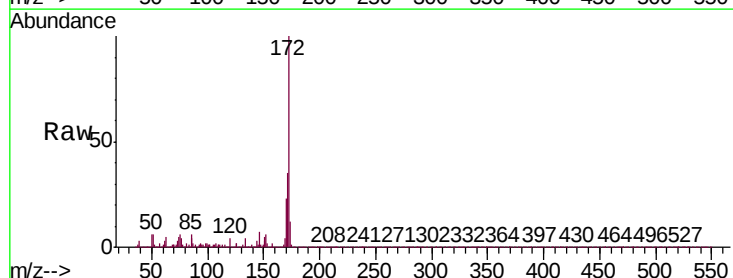
Instrument :
 BNA_P
 ClientSampleId :
 BW-2-20.0

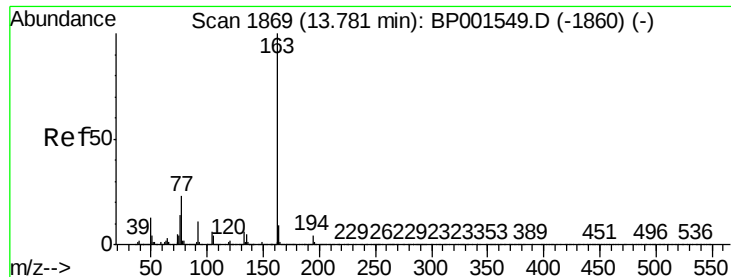
Tgt Ion: 330 Resp: 92909
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.8 116.6
 141 38.6 28.7 43.1



#45
 2-Fluorobiphenyl
 Concen: 69.773 ng
 RT: 12.90 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BP001612.D
 Acq: 15 Jan 2020 16:51

Tgt Ion: 172 Resp: 346190
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.6 41.4
 170 23.1 18.3 27.5





#50

Dimethylphthalate

Concen: 3.023 ng

RT: 13.75 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BP001612.D

Acq: 15 Jan 2020 16:51

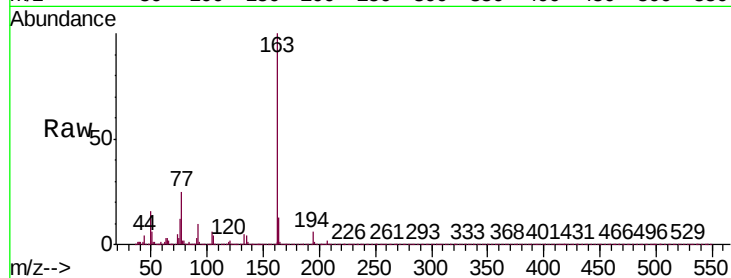
Instrument :

BNA_P

ClientSampleId :

BW-2-20.0

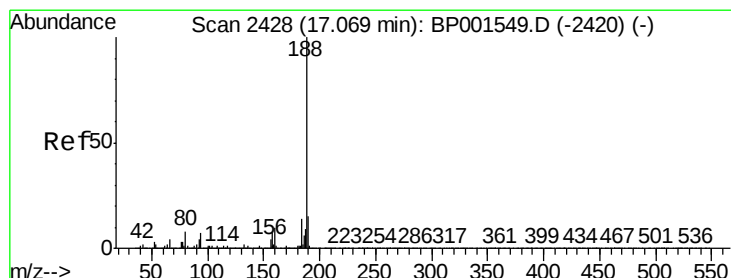
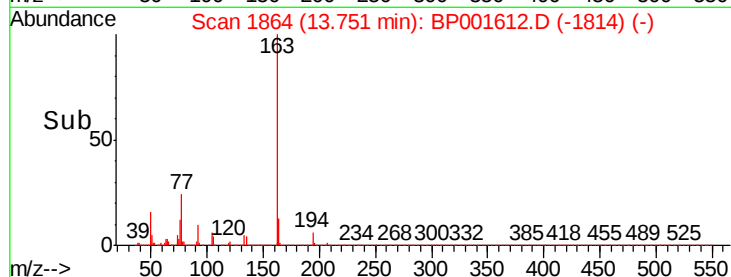
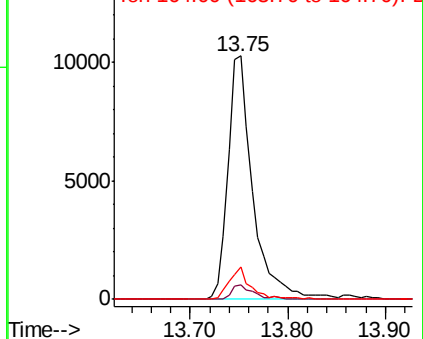
Tgt Ion:	163	Resp:	18161
Ion Ratio	Lower	Upper	
163	100		
194	6.2	3.6	5.4#
164	13.4	7.5	11.3#



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

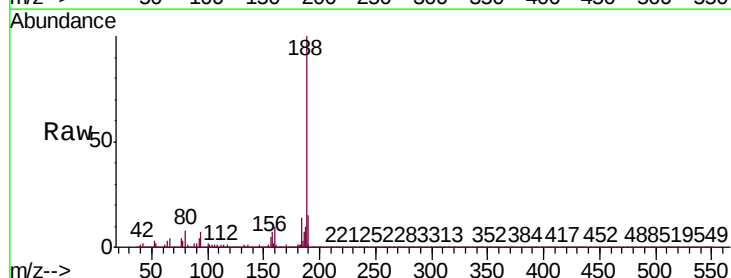
RT: 17.05 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BP001612.D

Acq: 15 Jan 2020 16:51

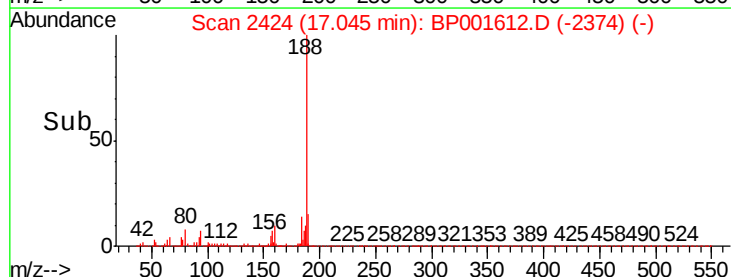
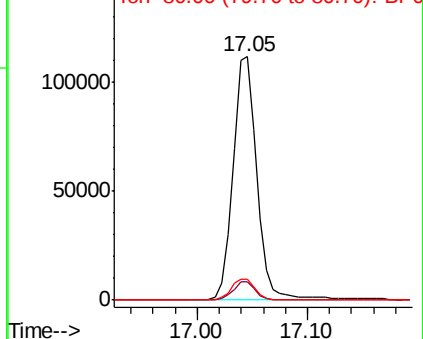
Tgt Ion:	188	Resp:	169276
Ion Ratio	Lower	Upper	
188	100		
94	7.3	5.9	8.9
80	8.4	6.8	10.2

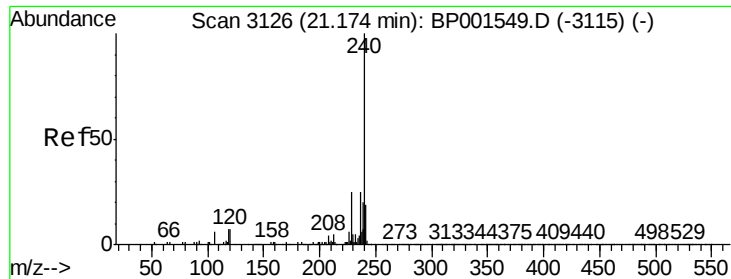


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

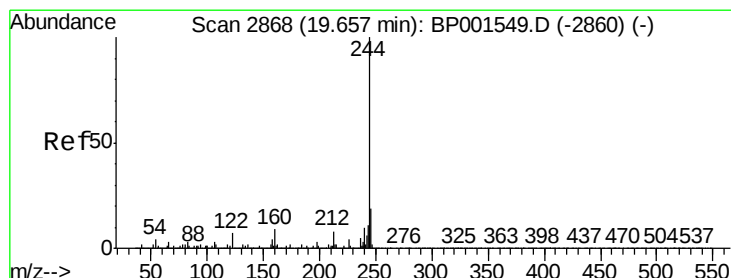
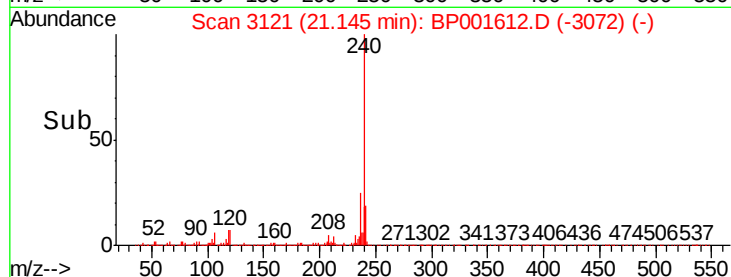
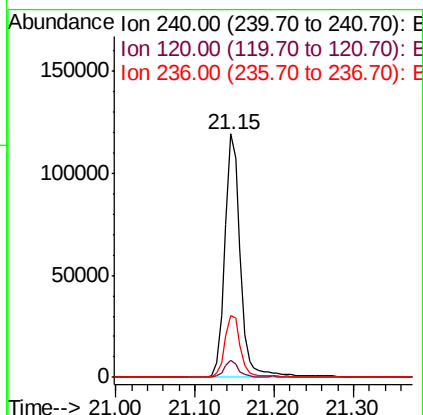
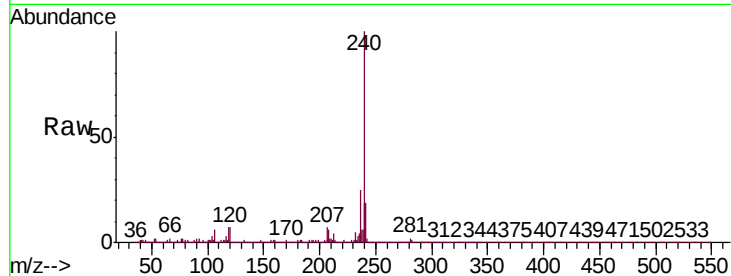




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BP001612.D
Acq: 15 Jan 2020 16:51

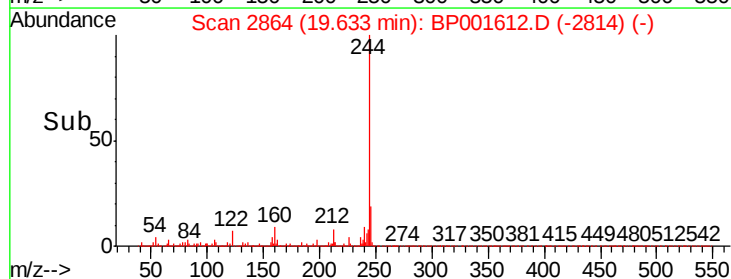
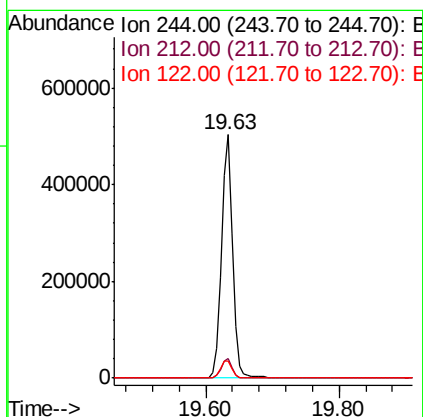
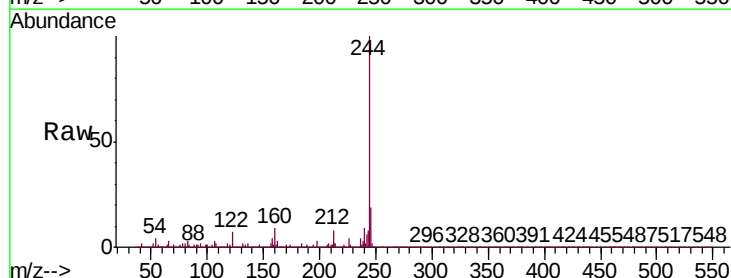
Instrument :
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BW-2-20.0

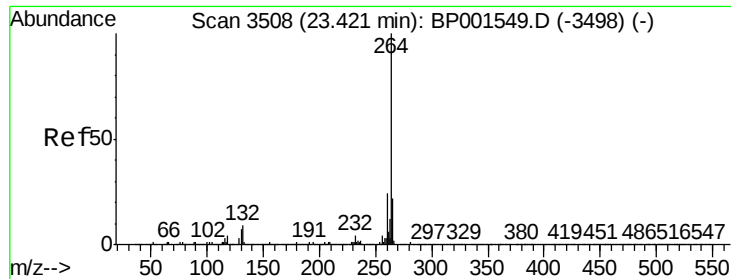
Tgt Ion:240 Resp: 162286
Ion Ratio Lower Upper
240 100
120 6.8 5.7 8.5
236 25.5 20.4 30.6



#79
Terphenyl-d14
Concen: 66.689 ng
RT: 19.63 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BP001612.D
Acq: 15 Jan 2020 16:51

Tgt Ion:244 Resp: 591716
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 7.1 5.8 8.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3501
Delta R.T. -0.01 min
Lab File: BP001612.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_P
ClientSampleId :
BW-2-20.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	20.4	18.2	27.4

