

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
 Data File : BP001611.D
 Acq On : 15 Jan 2020 16:17
 Operator : JU
 Sample : L1125-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FESB-33-(3.5-4)

Quant Time: Jan 16 06:43:17 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

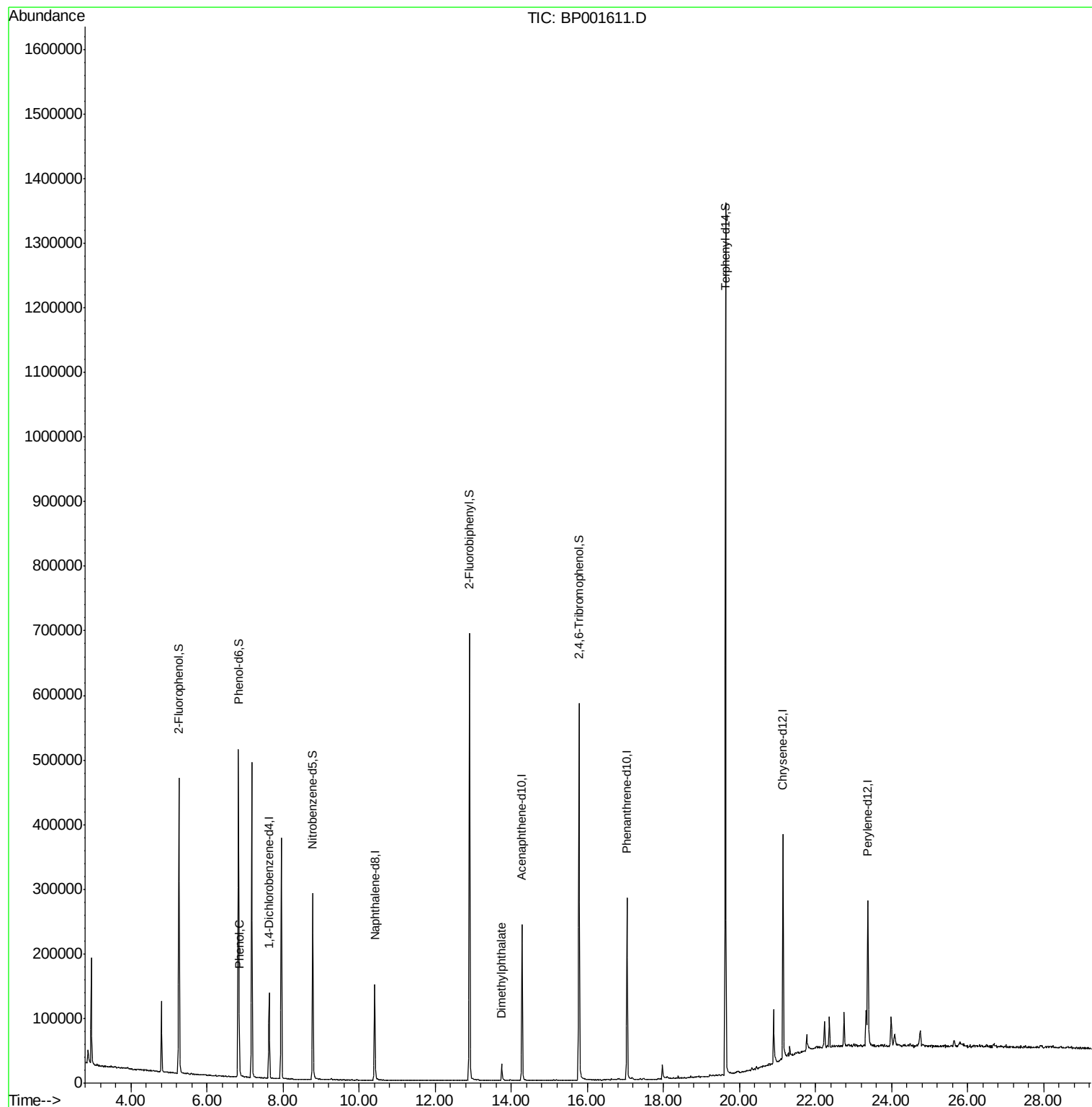
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	29159	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	105862	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	75488	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	174275	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	163526	20.00	ng	-0.01
87) Perylene-d12	23.37	264	170532	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	150646	101.20	ng	0.00
7) Phenol-d6	6.83	99	213621	89.80	ng	0.00
23) Nitrobenzene-d5	8.78	82	152587	62.98	ng	0.00
42) 2,4,6-Tribromophenol	15.78	330	90416	78.69	ng	-0.01
45) 2-Fluorobiphenyl	12.90	172	329874	64.25	ng	0.00
79) Terphenyl-d14	19.63	244	589057	65.89	ng	0.00
Target Compounds						
10) Phenol	6.85	94	5190	2.109	ng	91
50) Dimethylphthalate	13.75	163	18346	2.951	ng	# 96

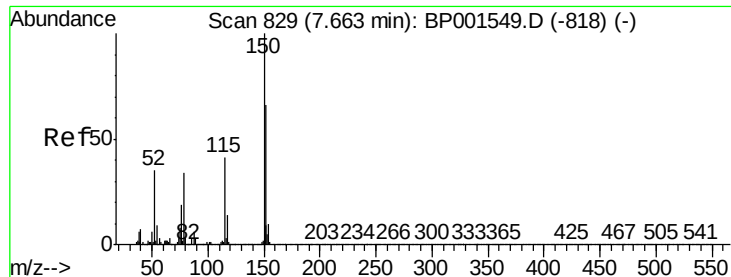
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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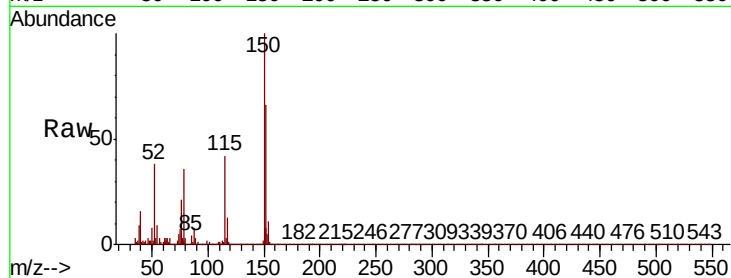


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001611.D
Acq: 15 Jan 2020 16:17

Instrument :
BNA_P
ClientSampleId :
FESB-33-(3.5-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	122.0	183.0
115	63.6	50.7	76.1

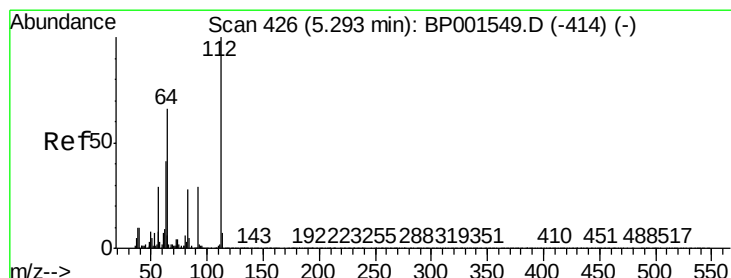
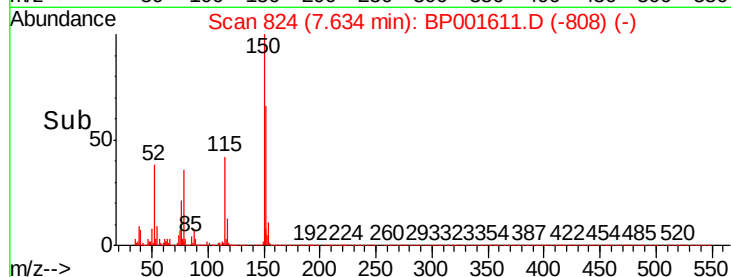
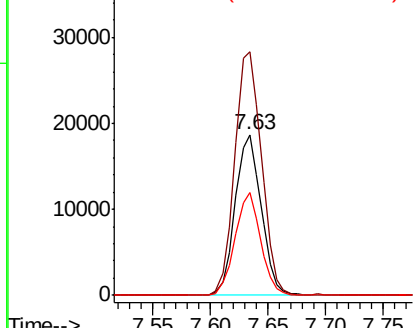


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

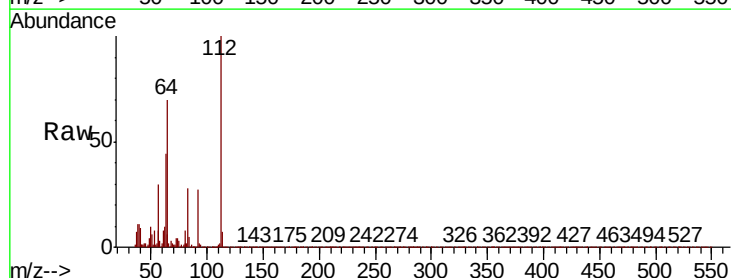
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.204 ng
RT: 5.26 min Scan# 421
Delta R.T. -0.00 min
Lab File: BP001611.D
Acq: 15 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	52.8	79.2
63	44.2	33.1	49.7

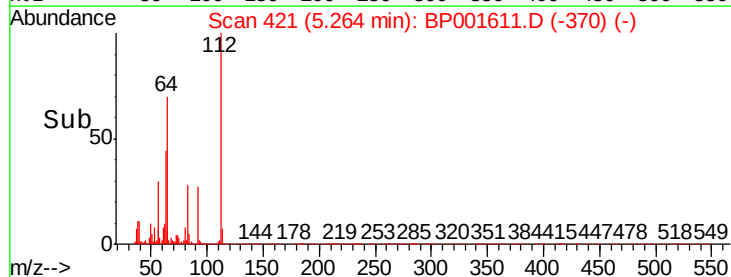
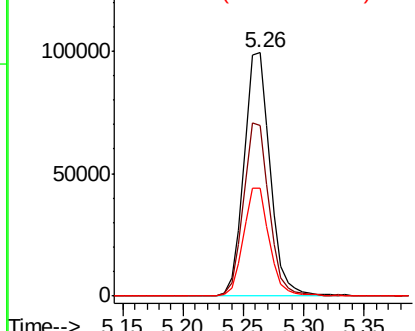


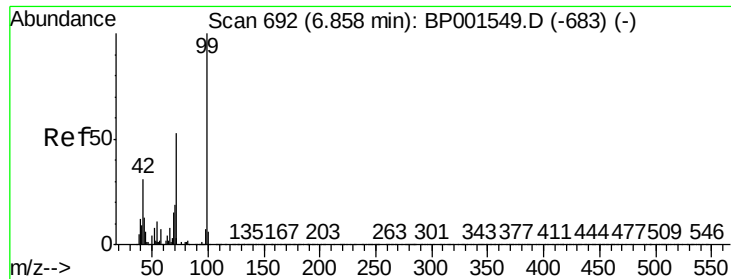
Abundance

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: 89.796 ng

RT: 6.83 min Scan# 687

Delta R.T. -0.01 min

Lab File: BP001611.D

Acq: 15 Jan 2020 16:17

Instrument :

BNA_P

ClientSampleId :

FESB-33-(3.5-4)

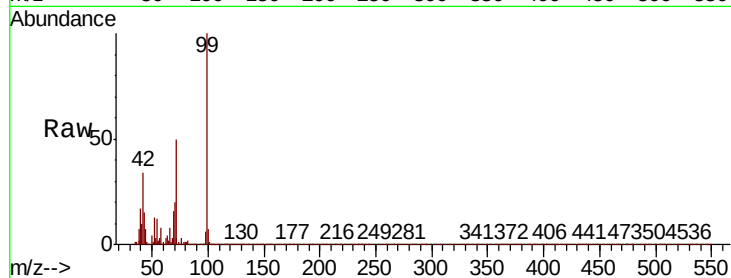
Tot Ion: 99 Resp: 213621

Ion Ratio Lower Upper

99 100

42 34.4 24.5 36.7

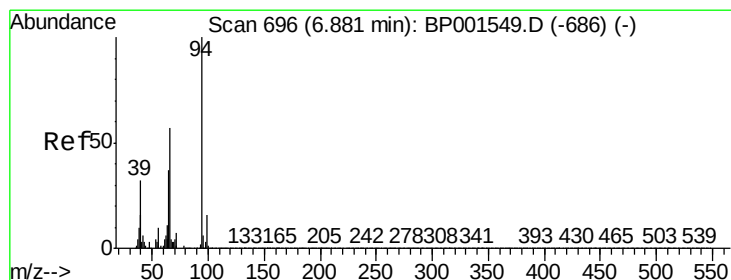
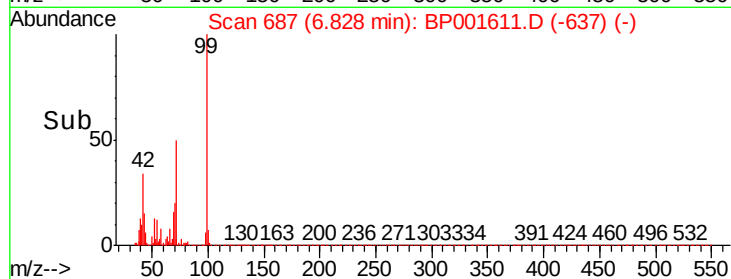
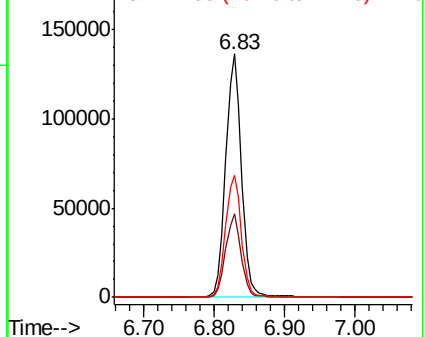
71 50.3 42.4 63.6



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: 2.109 ng

RT: 6.85 min Scan# 691

Delta R.T. -0.01 min

Lab File: BP001611.D

Acq: 15 Jan 2020 16:17

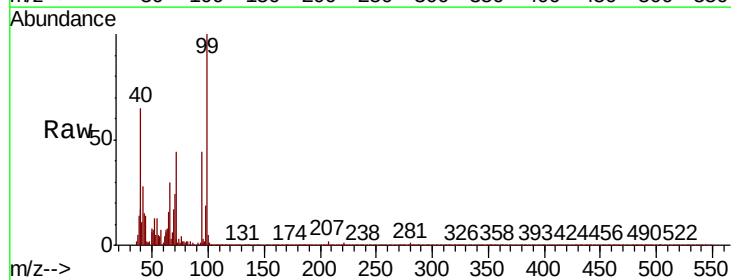
Tgt Ion: 94 Resp: 5190

Ion Ratio Lower Upper

94 100

65 37.7 17.5 57.5

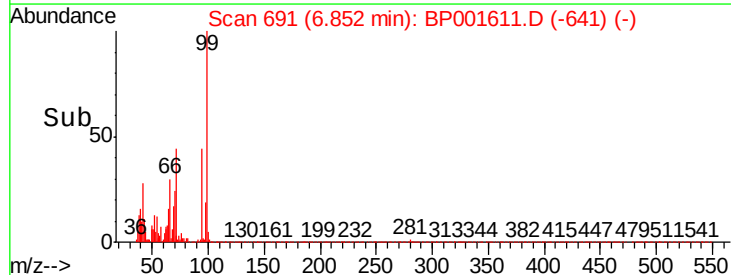
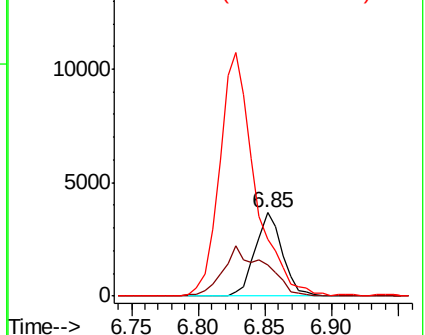
66 67.8 36.7 76.7

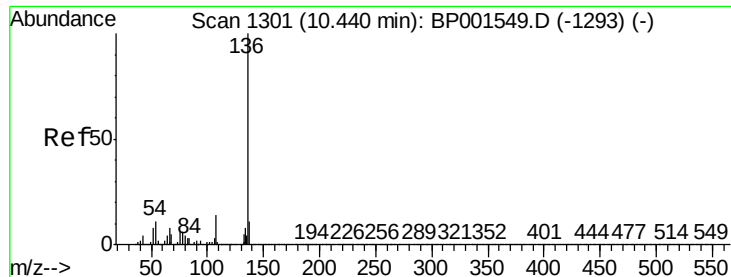


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

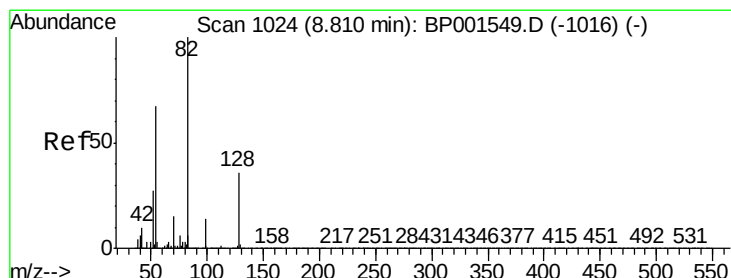
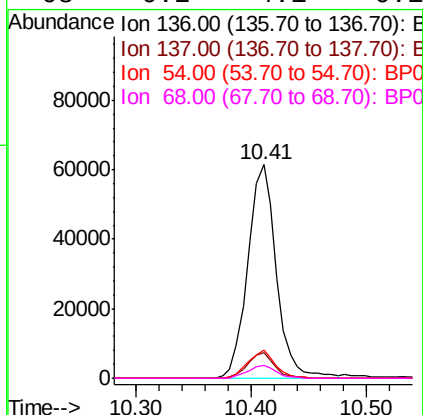
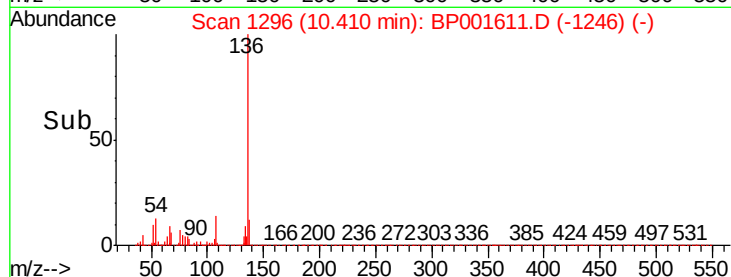
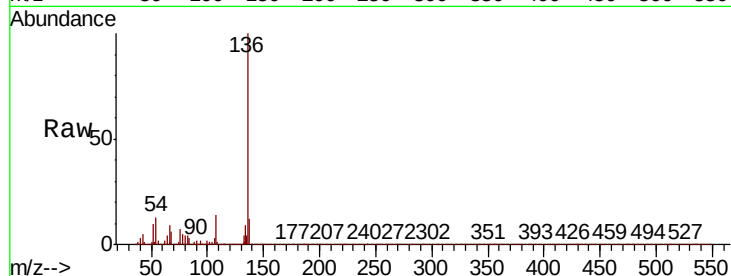




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP001611.D
Acq: 15 Jan 2020 16:17

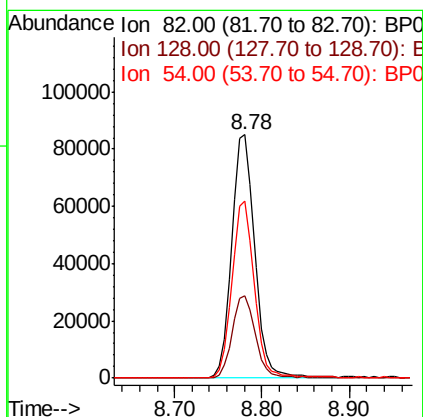
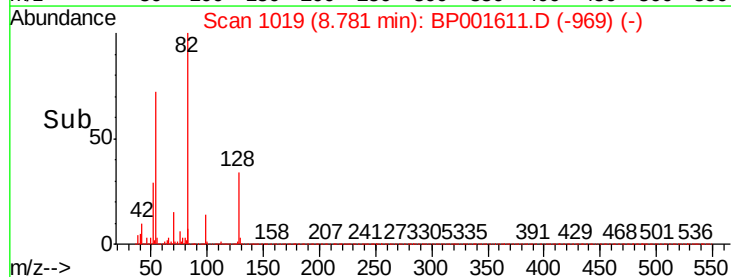
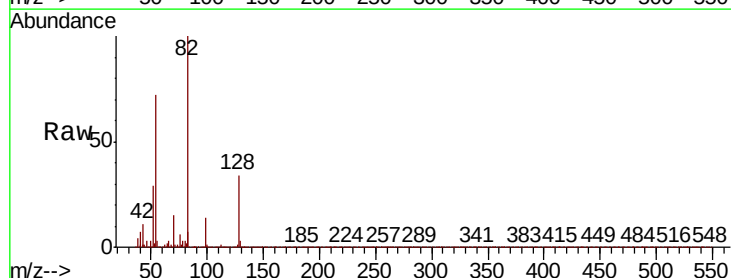
Instrument :
BNA_P
ClientSampleId :
FESB-33-(3.5-4)

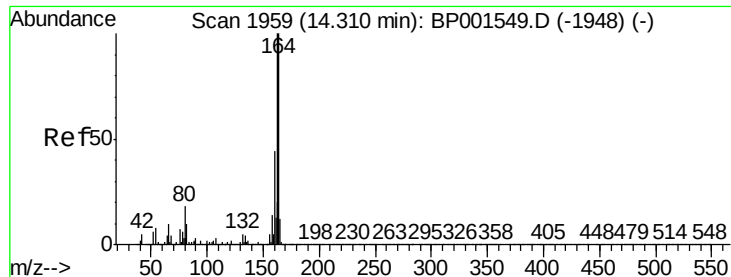
Tot Ion:136	Resp:	105862
Ion Ratio	Lower	Upper
136	100	
137	12.1	8.6 12.8
54	13.2	9.2 13.8
68	6.2	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 62.985 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001611.D
Acq: 15 Jan 2020 16:17

Tgt Ion: 82	Resp:	152587
Ion Ratio	Lower	Upper
82	100	
128	33.8	28.4 42.6
54	72.5	53.4 80.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.28 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BP001611.D

Acq: 15 Jan 2020 16:17

Instrument :

BNA_P

ClientSampleId :

FESB-33-(3.5-4)

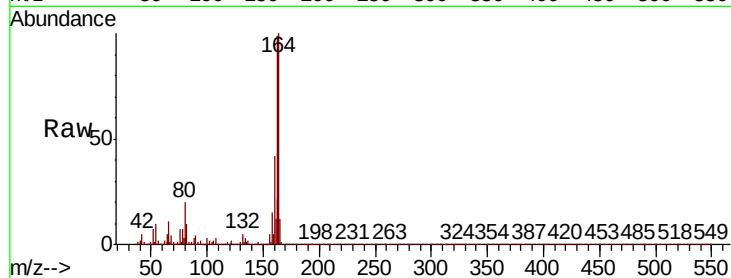
Tot Ion:164 Resp: 75488

Ion Ratio Lower Upper

164 100

162 99.2 79.8 119.6

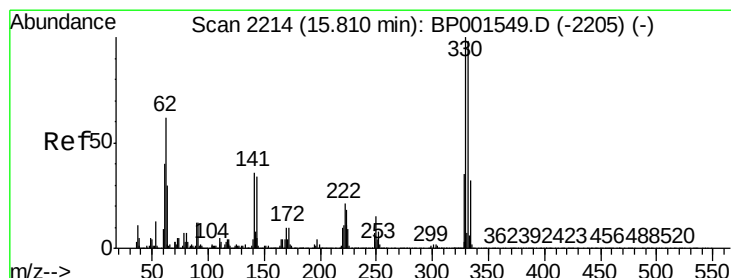
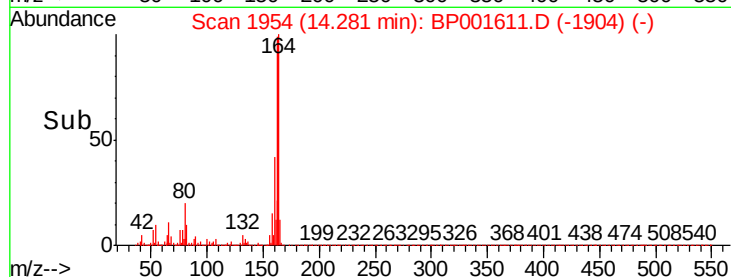
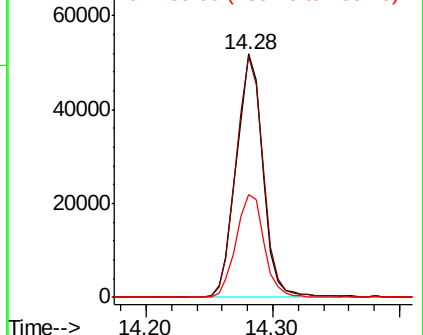
160 42.4 35.0 52.6



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: 78.686 ng

RT: 15.78 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BP001611.D

Acq: 15 Jan 2020 16:17

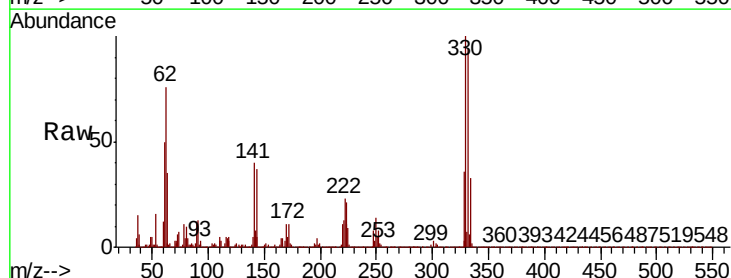
Tgt Ion:330 Resp: 90416

Ion Ratio Lower Upper

330 100

332 96.2 77.8 116.6

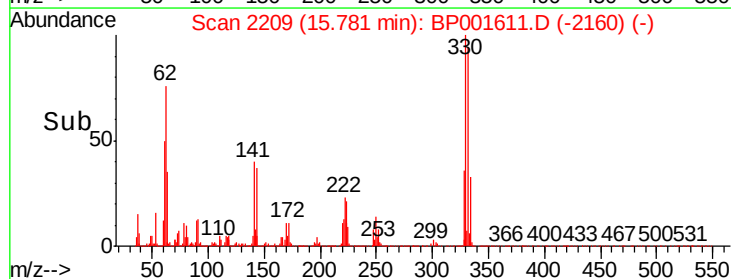
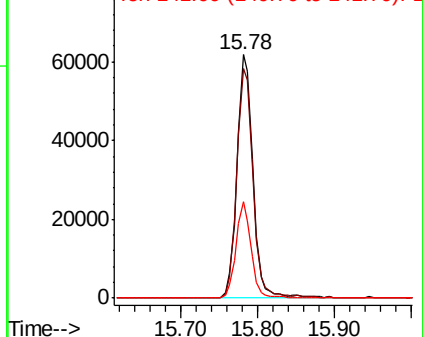
141 37.5 28.7 43.1

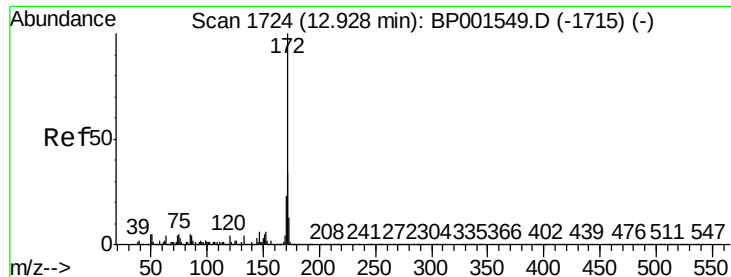


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

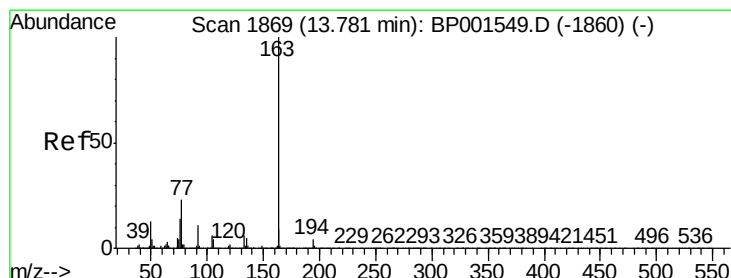
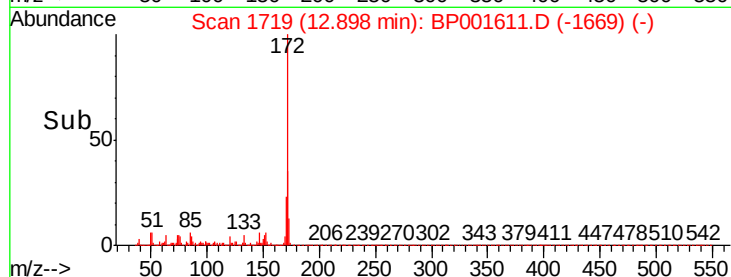
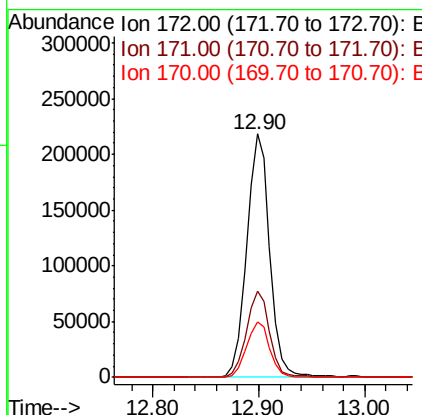
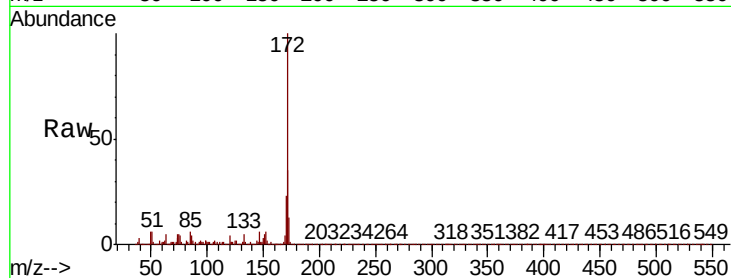




#45
2-Fluorobiphenyl
Concen: 64.249 ng
RT: 12.90 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BP001611.D
Acq: 15 Jan 2020 16:17

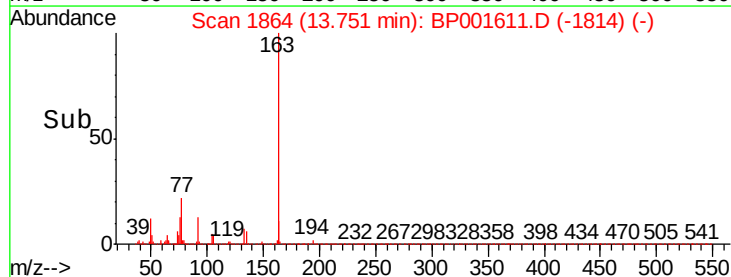
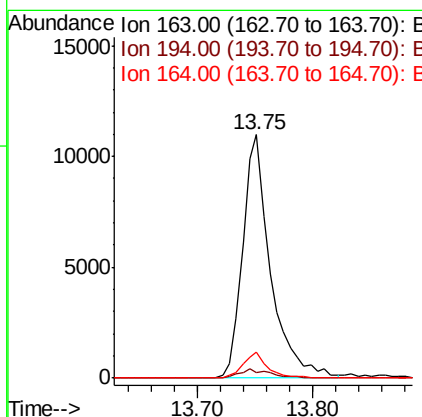
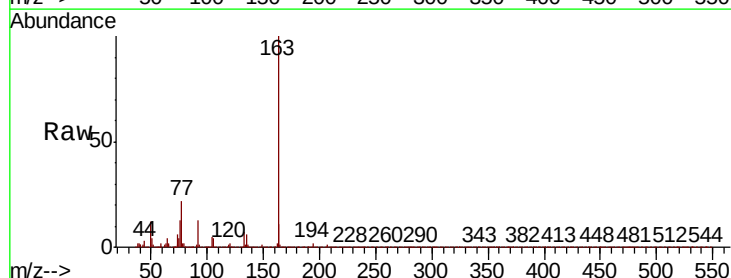
Instrument :
BNA_P
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FESB-33-(3.5-4)

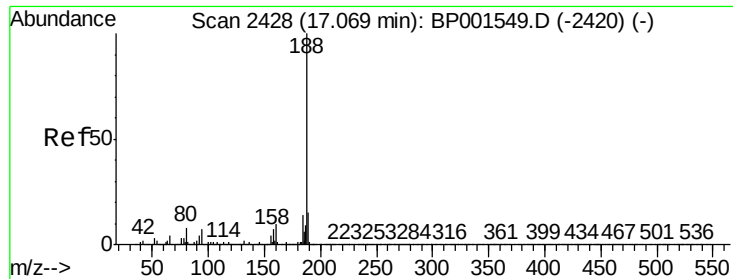
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.6	41.4
170	22.7	18.3	27.5



#50
Dimethylphthalate
Concen: 2.951 ng
RT: 13.75 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BP001611.D
Acq: 15 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.3	3.6	5.4#
164	10.6	7.5	11.3

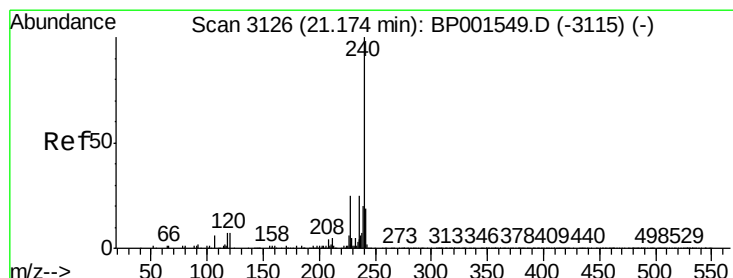
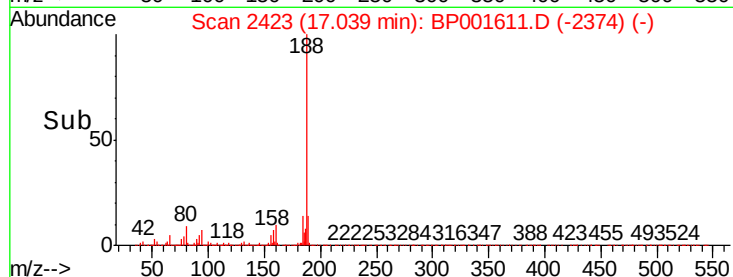
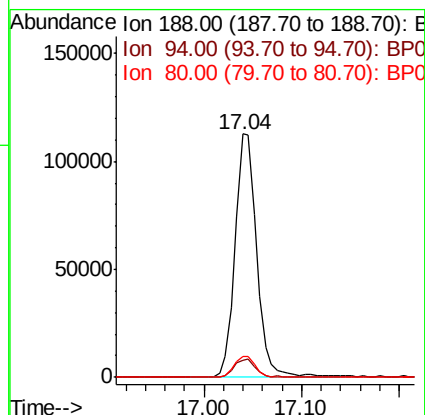
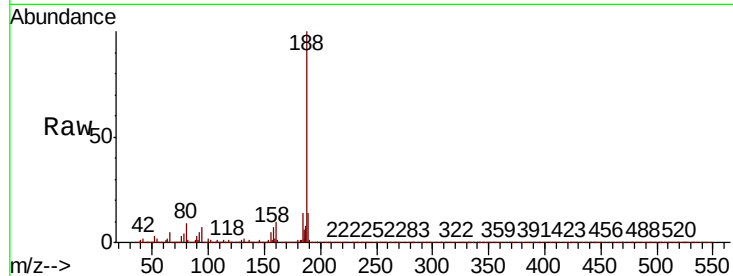




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BP001611.D
Acq: 15 Jan 2020 16:17

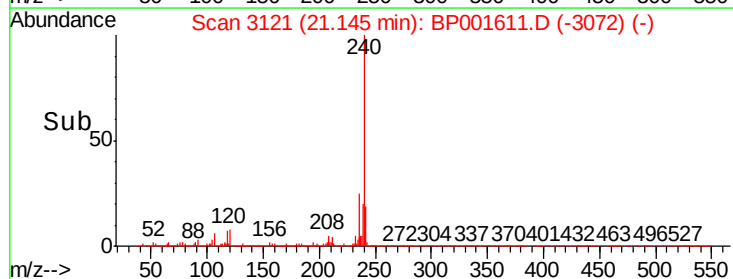
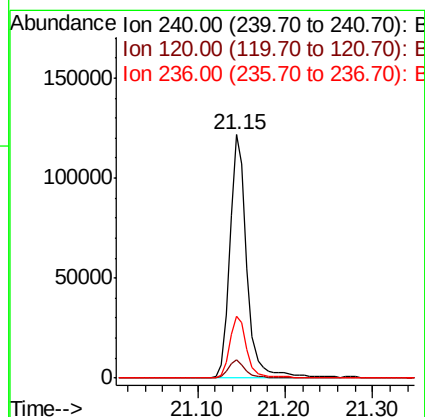
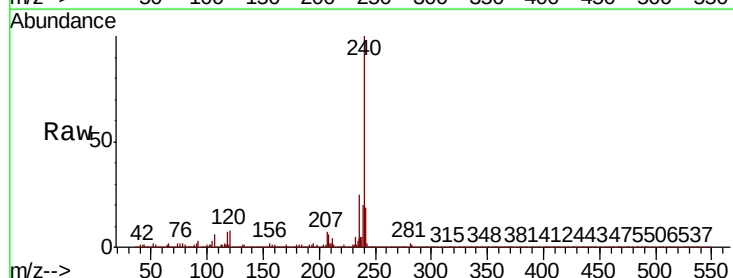
Instrument :
BNA_P
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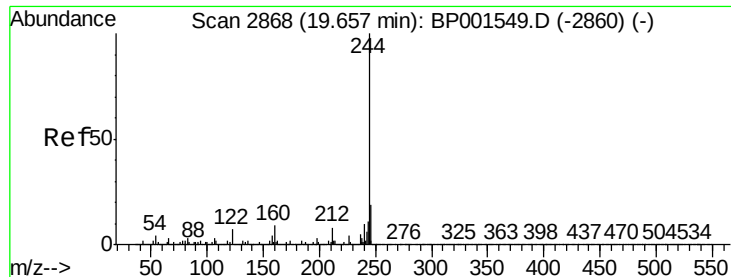
Tot Ion:188 Resp: 174275
Ion Ratio Lower Upper
188 100
94 6.9 5.9 8.9
80 8.7 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BP001611.D
Acq: 15 Jan 2020 16:17

Tgt Ion:240 Resp: 163526
Ion Ratio Lower Upper
240 100
120 7.8 5.7 8.5
236 25.3 20.4 30.6





#79

Terphenyl-d14

Concen: 65.886 ng

RT: 19.63 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BP001611.D

Acq: 15 Jan 2020 16:17

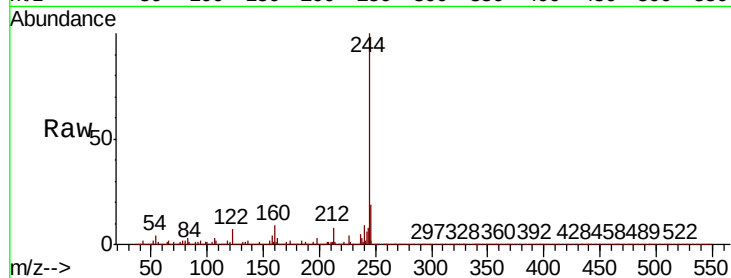
Instrument :

BNA_P

ClientSampleId :

FESB-33-(3.5-4)

Tot Ion:244	Resp:	589057
Ion Ratio	Lower	Upper
244	100	
212	7.6	6.3 9.5
122	7.1	5.8 8.6



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

19.63

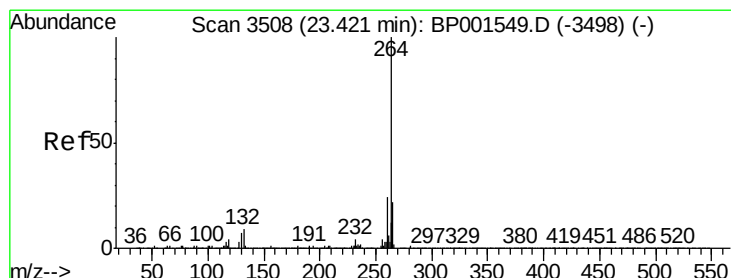
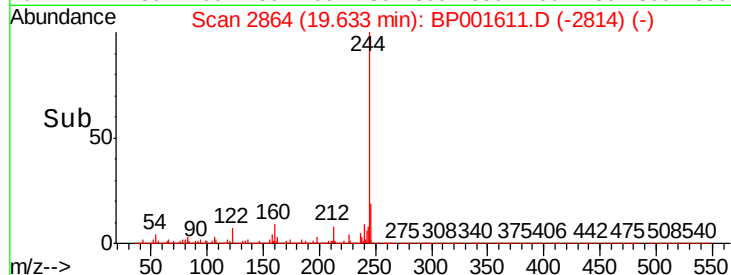
600000

400000

200000

0

Time-->



#87

Perylene-d12

Concen: 20.000 ng

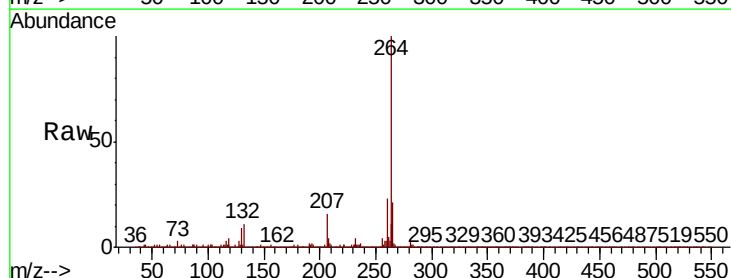
RT: 23.37 min Scan# 3500

Delta R.T. -0.02 min

Lab File: BP001611.D

Acq: 15 Jan 2020 16:17

Tgt Ion:264	Resp:	170532
Ion Ratio	Lower	Upper
264	100	
260	23.0	19.0 28.6
265	21.2	18.2 27.4



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

23.37

120000

100000

80000

60000

40000

20000

0

Time-->

