

Data File : BP001609.D
Acq On : 15 Jan 2020 15:09
Operator : JU
Sample : L1125-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FESB-28-(1.5-2)

Quant Time: Jan 16 05:59:45 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

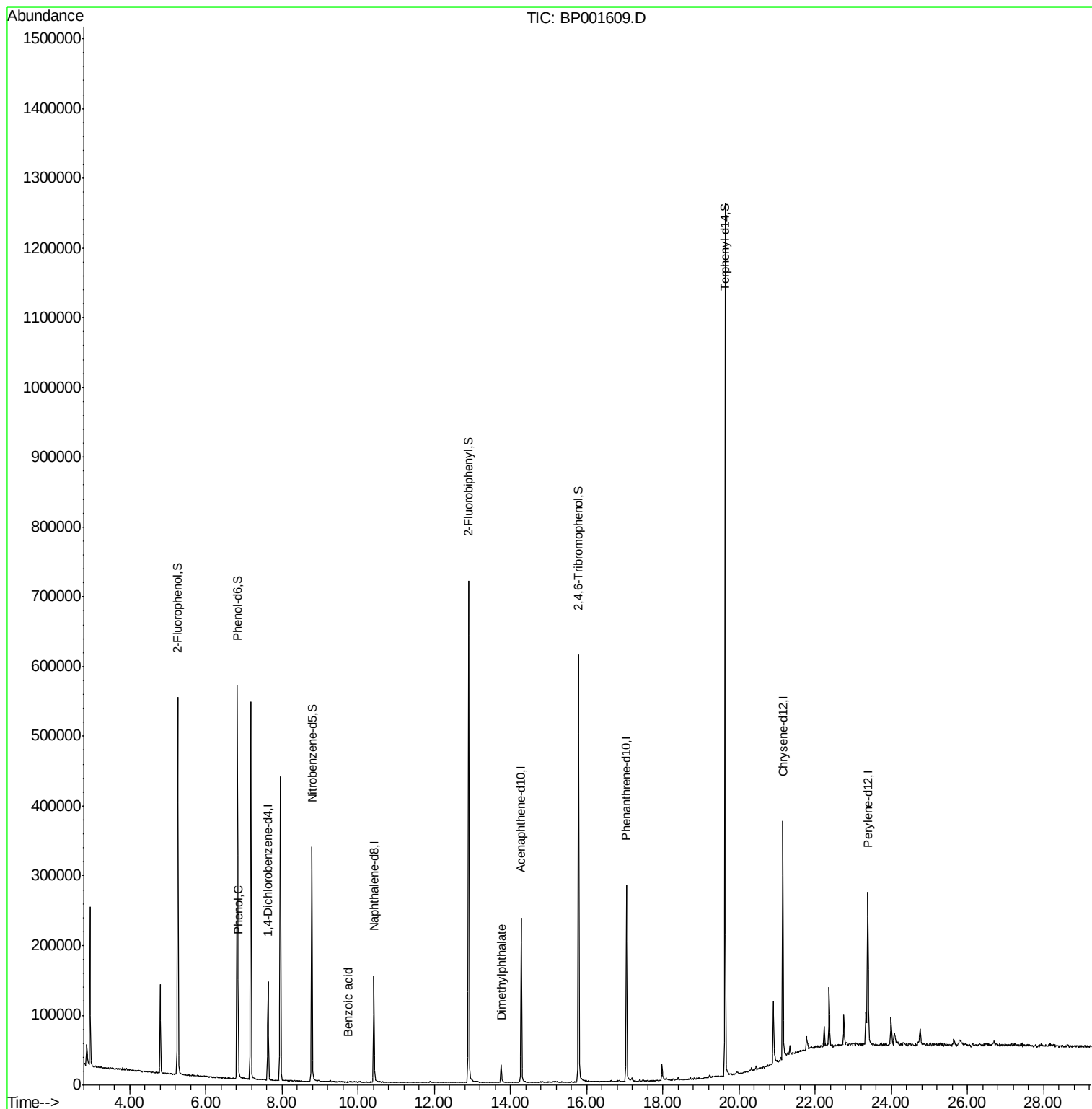
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	29930	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	104715	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	73939	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	167947	20.00	ng	0.00
76) Chrysene-d12	21.15	240	159535	20.00	ng	-0.01
87) Perylene-d12	23.38	264	168145	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	169816	111.14	ng	0.00
7) Phenol-d6	6.83	99	234207	95.91	ng	0.00
23) Nitrobenzene-d5	8.78	82	167890	70.06	ng	0.00
42) 2,4,6-Tribromophenol	15.78	330	91884	81.64	ng	-0.01
45) 2-Fluorobiphenyl	12.90	172	348384	69.28	ng	0.00
79) Terphenyl-d14	19.63	244	568306	65.16	ng	0.00
Target Compounds						
10) Phenol	6.85	94	5780	2.288	ng	# 72
32) Benzoic acid	9.75	122	13	4.713	ng	# 1
50) Dimethylphthalate	13.75	163	18090	2.970	ng	# 98

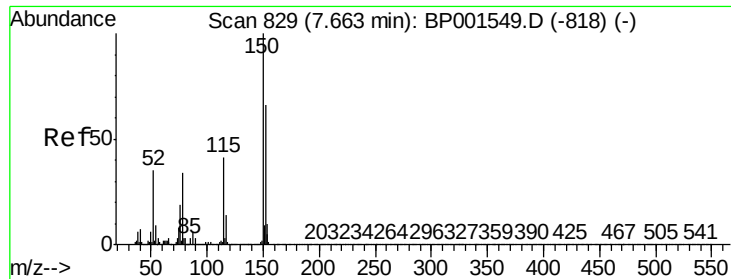
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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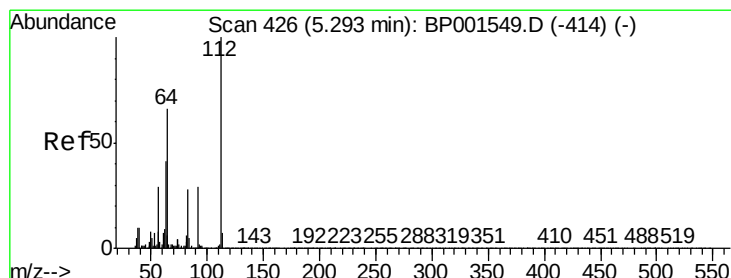
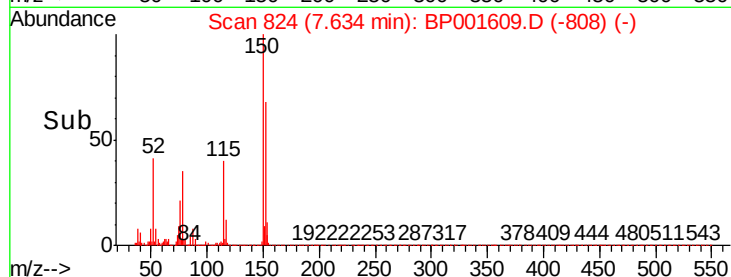
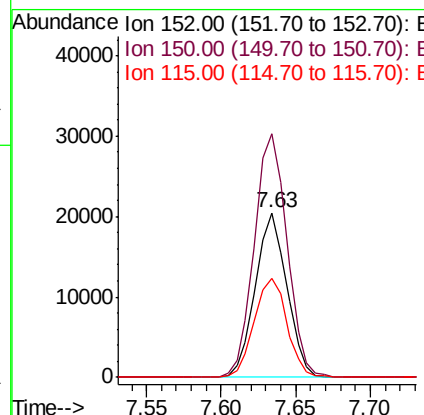
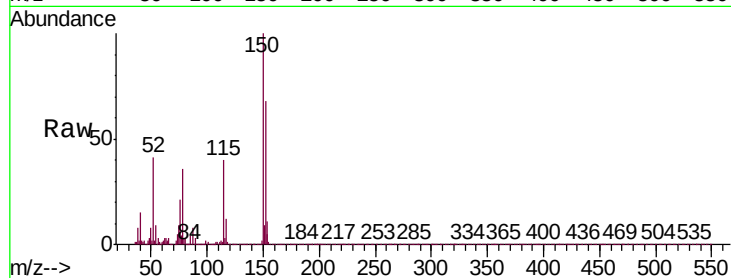




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.63 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BP001609.D
 Acq: 15 Jan 2020 15:09

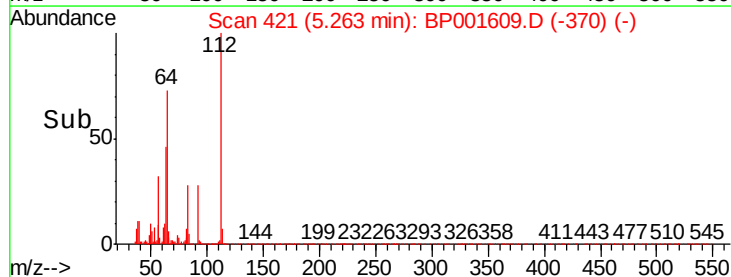
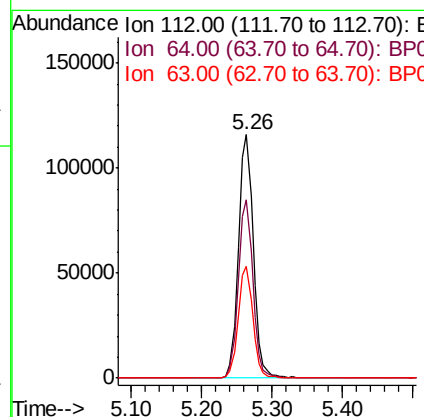
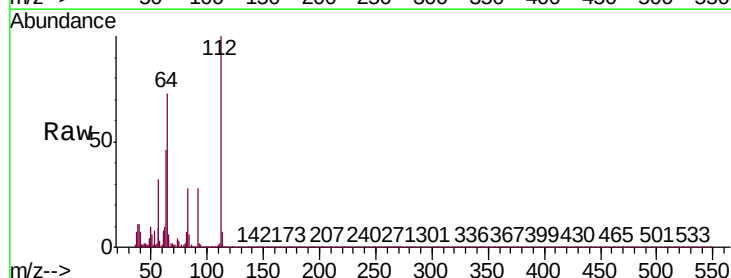
Instrument :
 BNA_P
 ClientSampleId :
 FESB-28-(1.5-2)

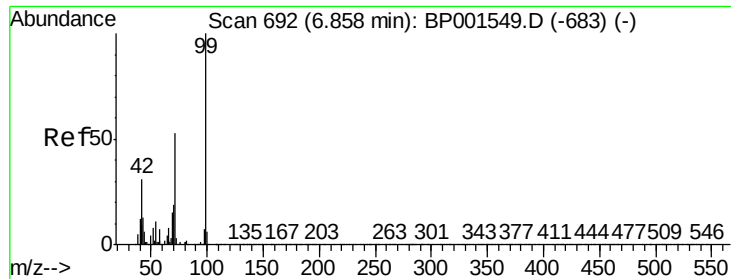
Tgt Ion:152 Resp: 29930
 Ion Ratio Lower Upper
 152 100
 150 147.8 122.0 183.0
 115 59.8 50.7 76.1



#5
 2-Fluorophenol
 Concen: 111.143 ng
 RT: 5.26 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BP001609.D
 Acq: 15 Jan 2020 15:09

Tgt Ion:112 Resp: 169816
 Ion Ratio Lower Upper
 112 100
 64 73.5 52.8 79.2
 63 46.1 33.1 49.7





#7

Phenol-d6

Concen: 95.913 ng

RT: 6.83 min Scan# 687

Delta R.T. -0.01 min

Lab File: BP001609.D

Acq: 15 Jan 2020 15:09

Instrument :

BNA_P

ClientSampleId :

FESB-28-(1.5-2)

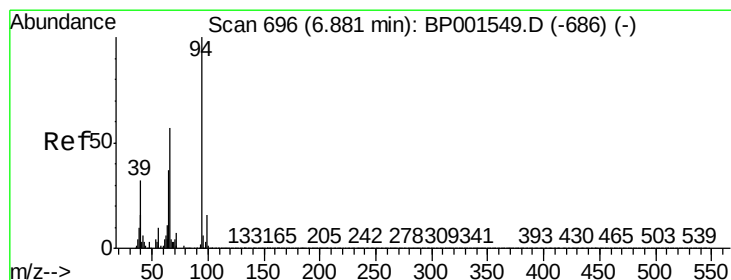
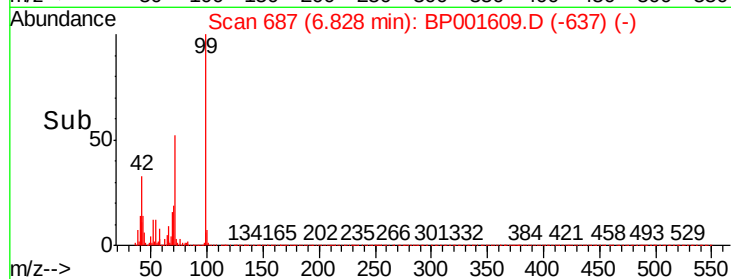
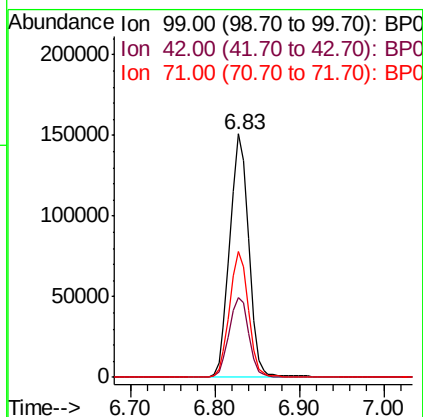
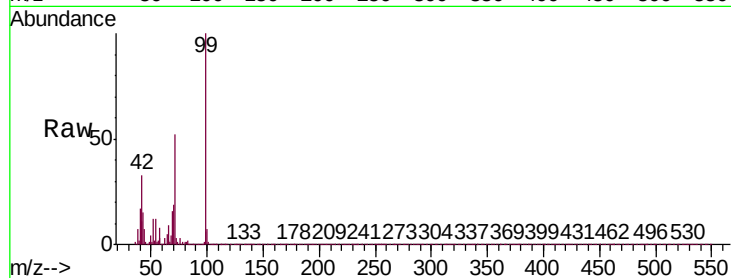
Tgt Ion: 99 Resp: 234207

Ion Ratio Lower Upper

99 100

42 32.9 24.5 36.7

71 51.9 42.4 63.6



#10

Phenol

Concen: 2.288 ng

RT: 6.85 min Scan# 691

Delta R.T. -0.01 min

Lab File: BP001609.D

Acq: 15 Jan 2020 15:09

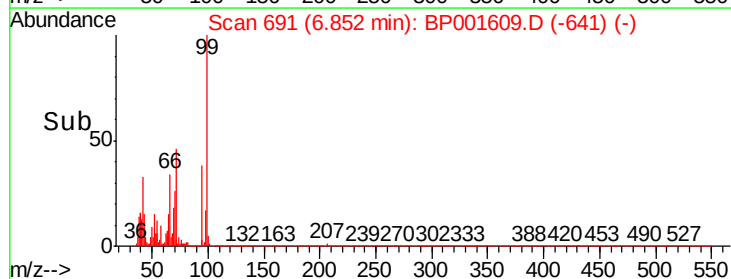
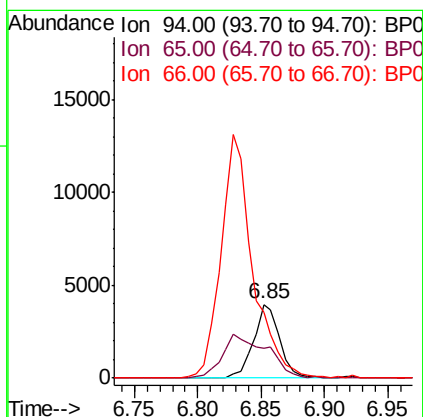
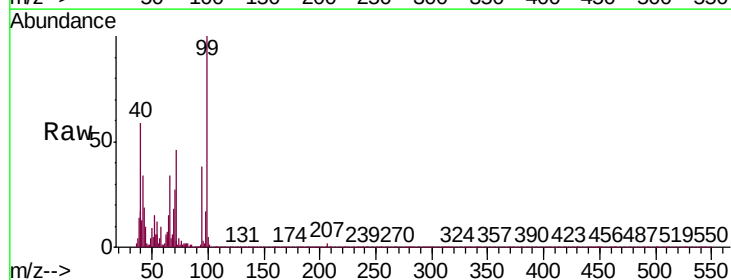
Tgt Ion: 94 Resp: 5780

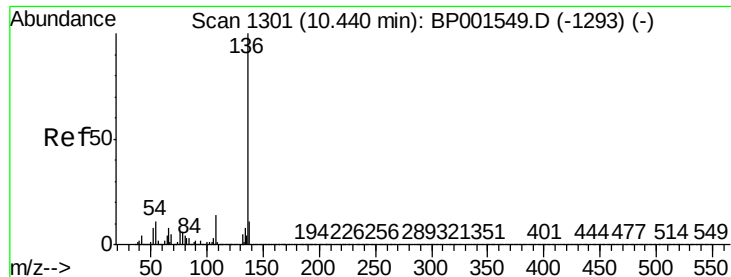
Ion Ratio Lower Upper

94 100

65 40.4 17.5 57.5

66 88.1 36.7 76.7#

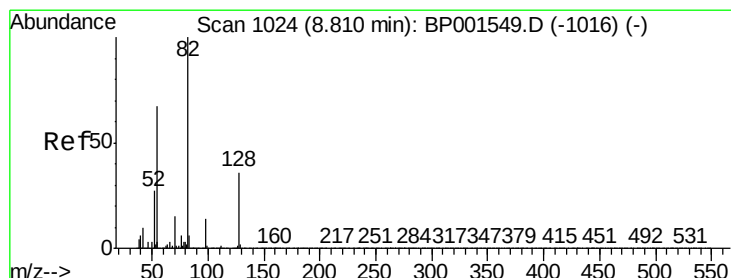
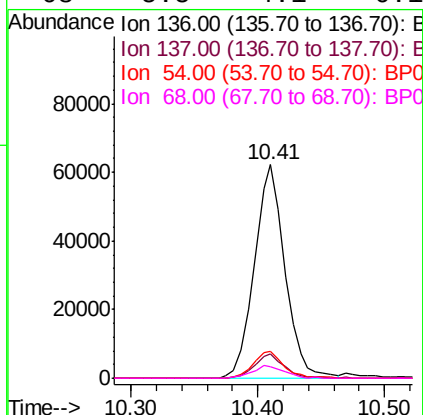
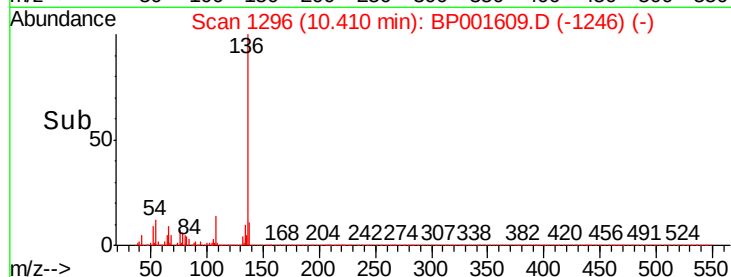
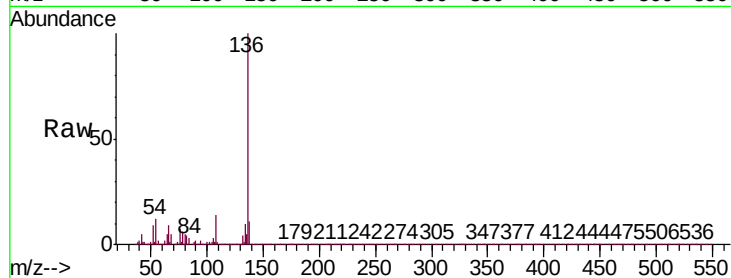




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP001609.D
Acq: 15 Jan 2020 15:09

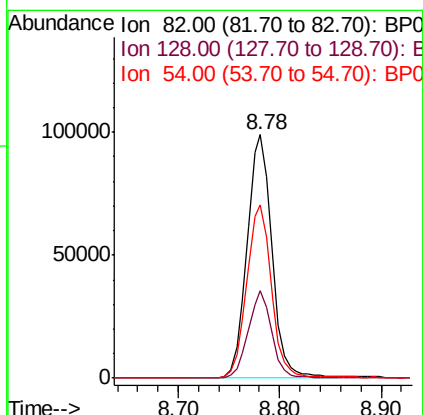
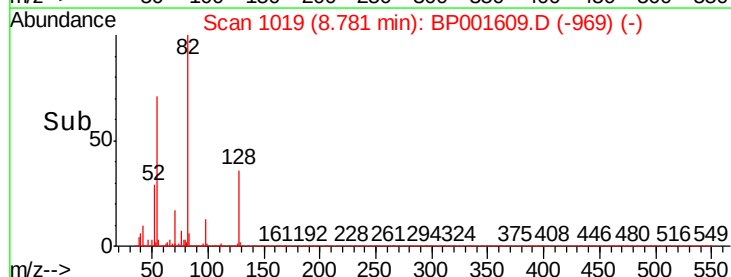
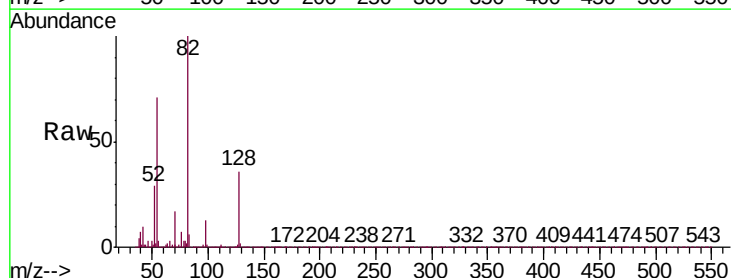
Instrument :
BNA_P
ClientSampleId :
FESB-28-(1.5-2)

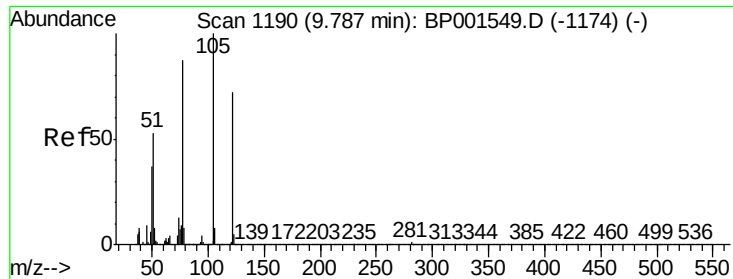
Tgt Ion:	136	Resp:	104715
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	12.5	9.2	13.8
68	5.5	4.1	6.1



#23
Nitrobenzene-d5
Concen: 70.060 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001609.D
Acq: 15 Jan 2020 15:09

Tgt Ion:	82	Resp:	167890
Ion	Ratio	Lower	Upper
82	100		
128	36.0	28.4	42.6
54	71.0	53.4	80.2

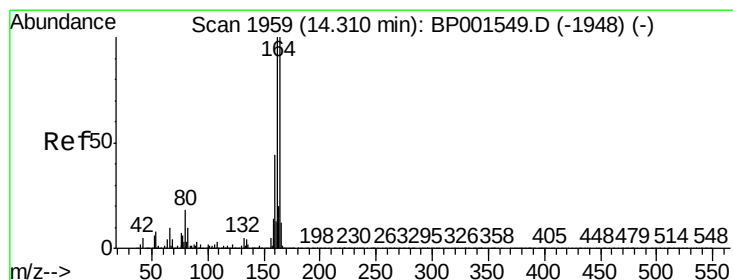
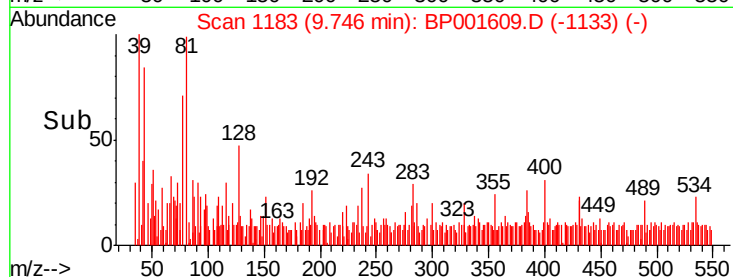
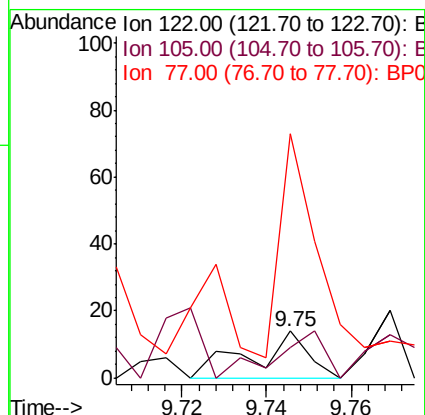
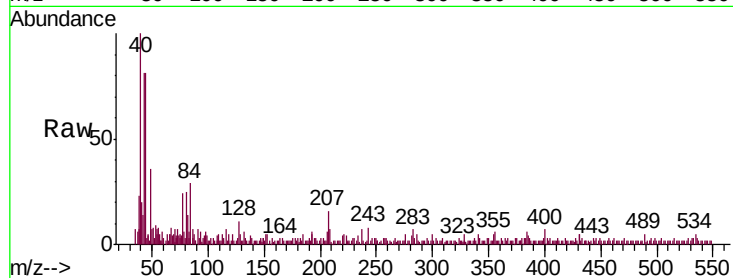




#32
Benzoic acid
Concen: 4.713 ng
RT: 9.75 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BP001609.D
Acq: 15 Jan 2020 15:09

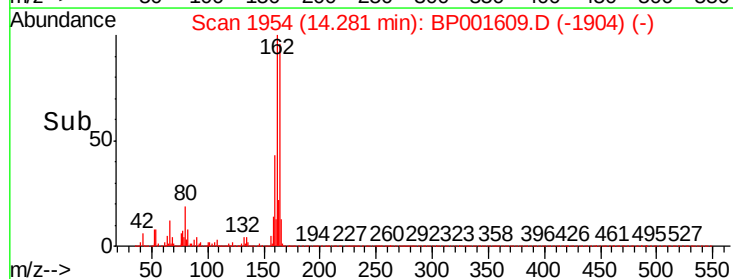
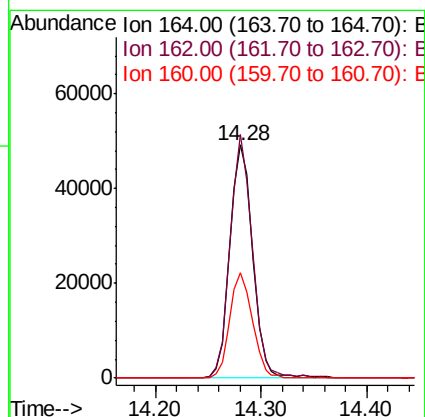
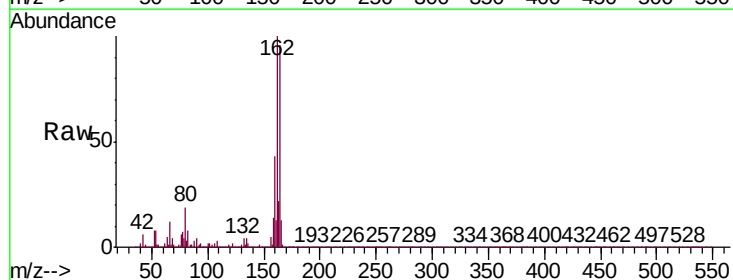
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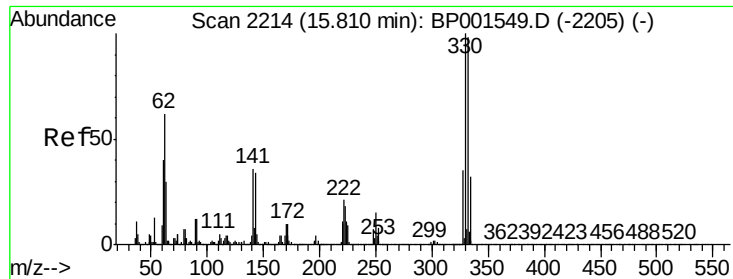
Tgt Ion	Ratio	Lower	Upper
122	100		
105	64.3	119.5	159.5#
77	521.4	102.8	142.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP001609.D
Acq: 15 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	79.8	119.6
160	45.3	35.0	52.6

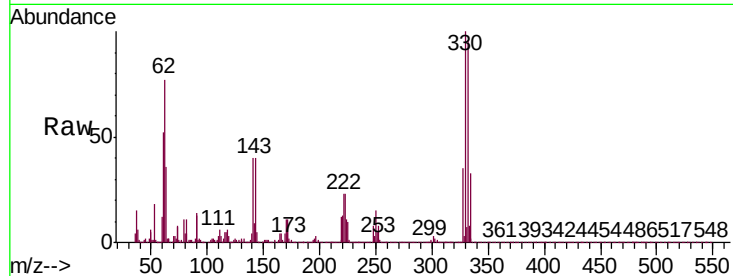




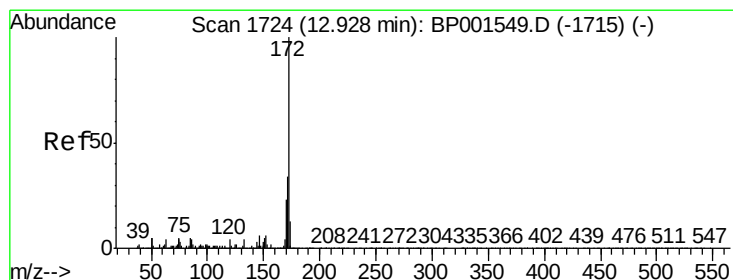
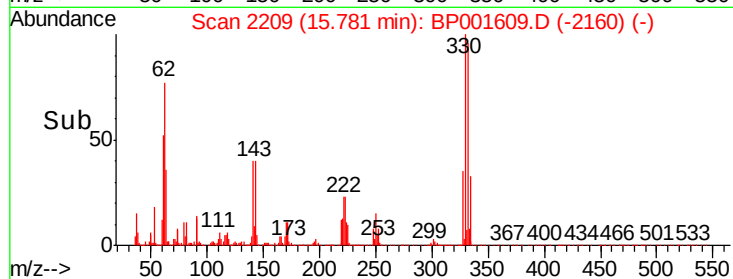
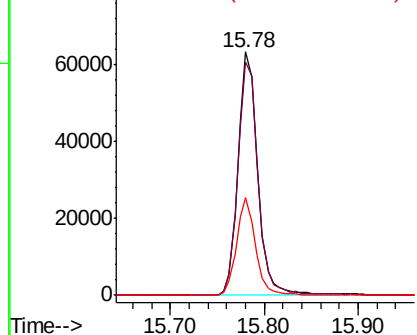
#42
 2,4,6-Tribromophenol
 Concen: 81.638 ng
 RT: 15.78 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BP001609.D
 Acq: 15 Jan 2020 15:09

Instrument :
 BNA_P
 ClientSampleId :
 FESB-28-(1.5-2)

Tgt Ion: 330 Resp: 91884
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.8 116.6
 141 38.4 28.7 43.1

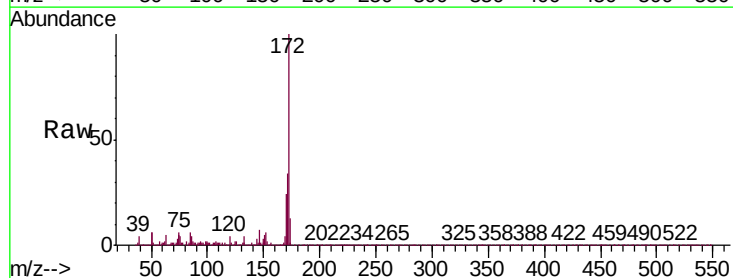


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

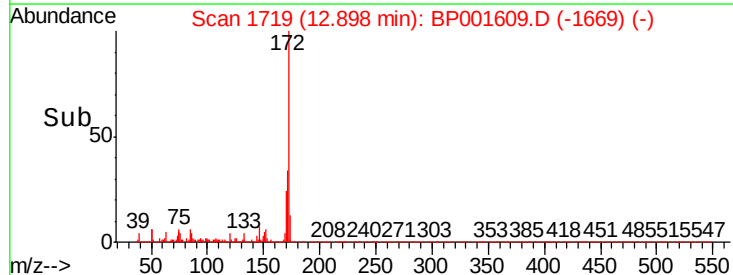
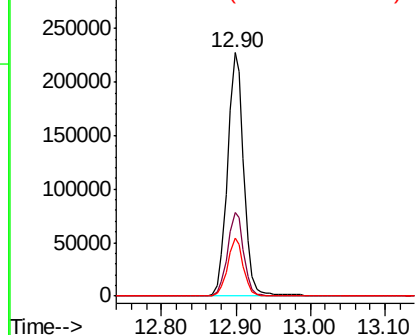


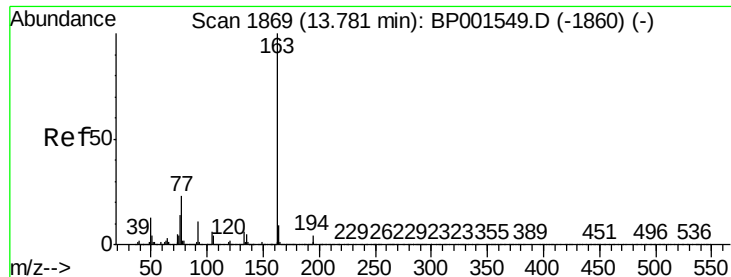
#45
 2-Fluorobiphenyl
 Concen: 69.276 ng
 RT: 12.90 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BP001609.D
 Acq: 15 Jan 2020 15:09

Tgt Ion: 172 Resp: 348384
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.6 41.4
 170 23.7 18.3 27.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.970 ng

RT: 13.75 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BP001609.D

Acq: 15 Jan 2020 15:09

Instrument :

BNA_P

ClientSampleId :

FESB-28-(1.5-2)

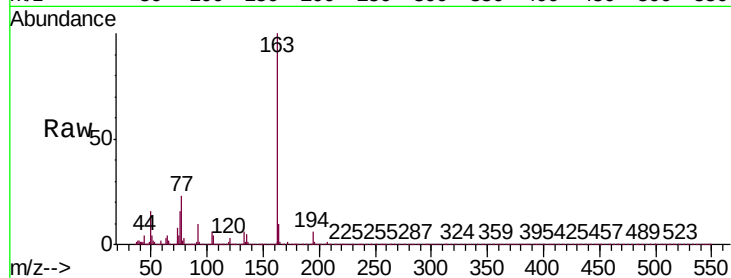
Tgt Ion:163 Resp: 18090

Ion Ratio Lower Upper

163 100

194 6.1 3.6 5.4#

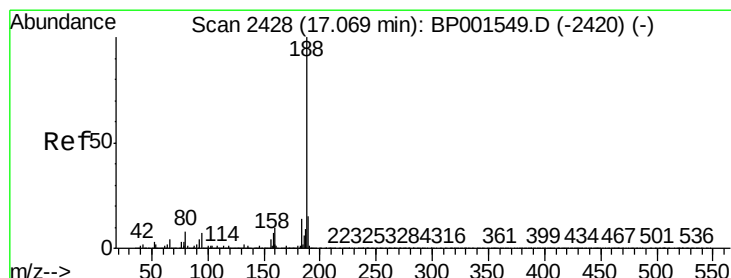
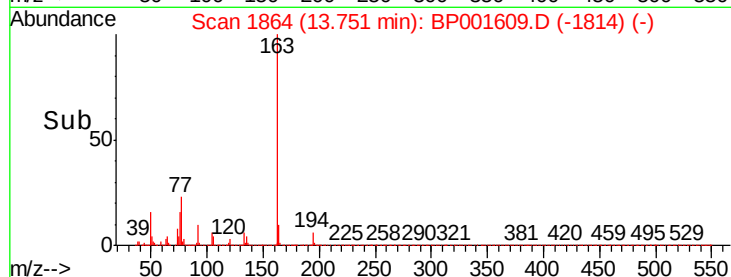
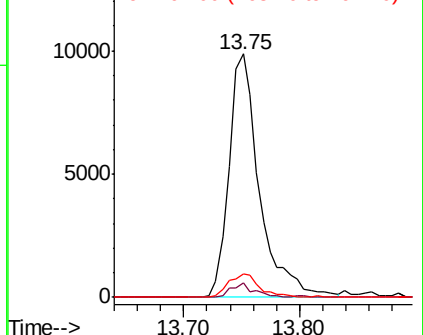
164 9.8 7.5 11.3



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: BP001609.D

Acq: 15 Jan 2020 15:09

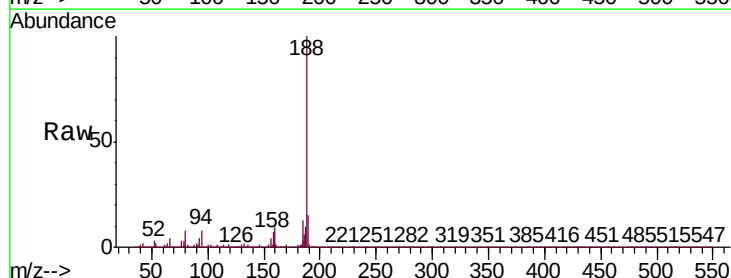
Tgt Ion:188 Resp: 167947

Ion Ratio Lower Upper

188 100

94 7.9 5.9 8.9

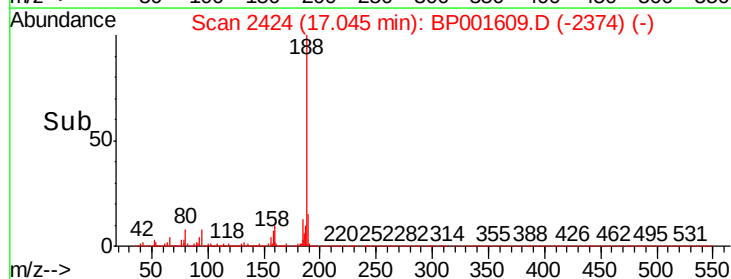
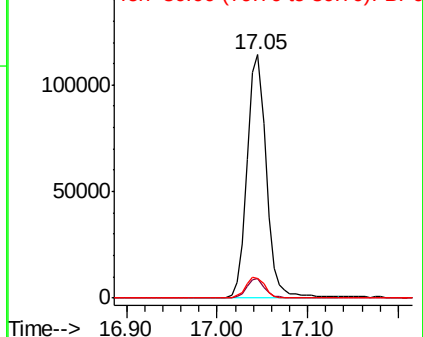
80 8.1 6.8 10.2

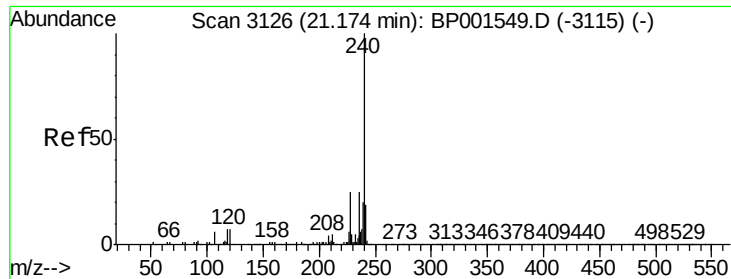


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

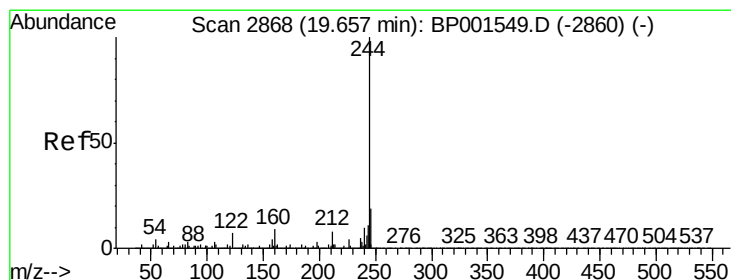
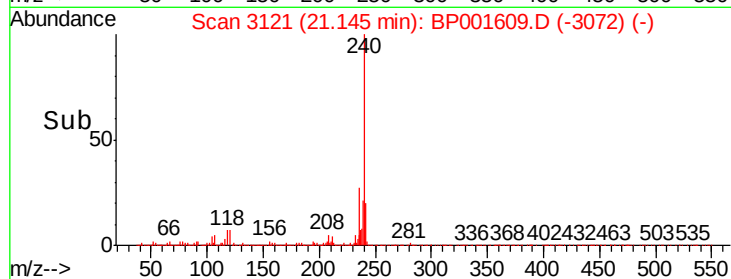
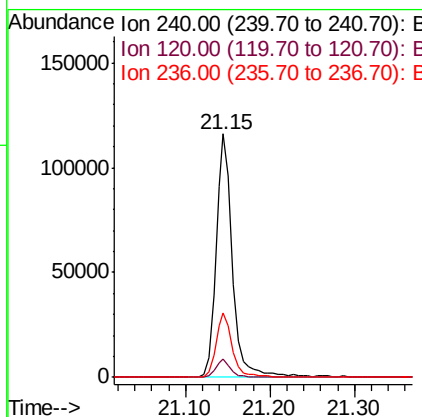
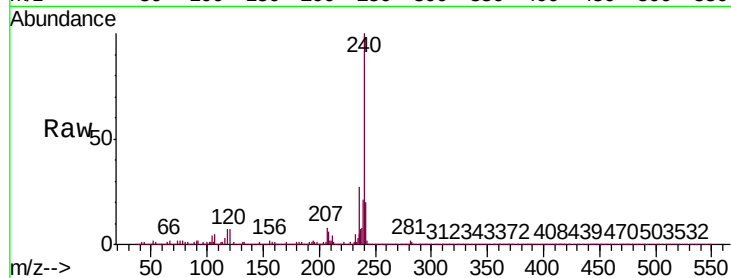




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BP001609.D
Acq: 15 Jan 2020 15:09

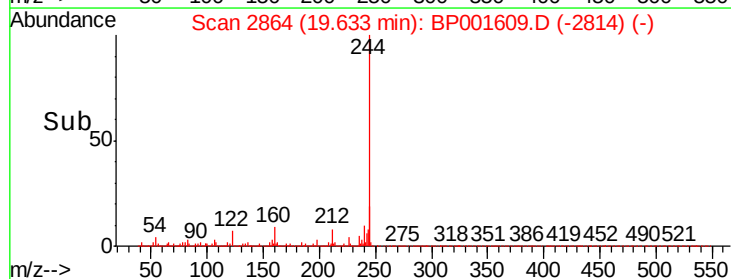
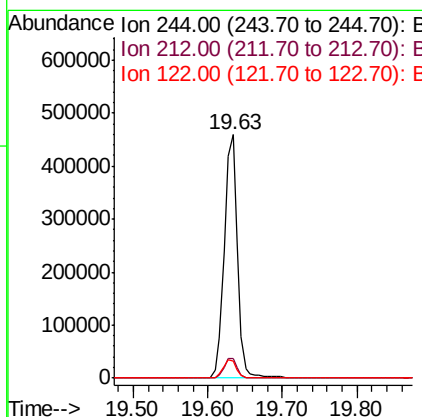
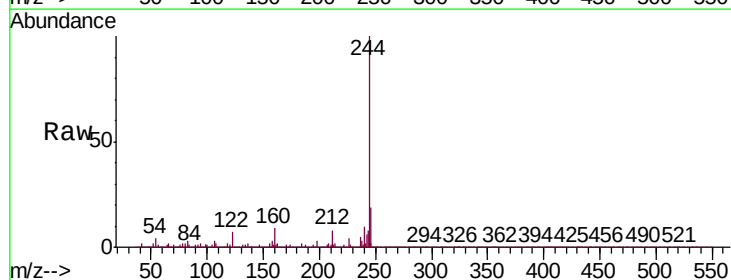
Instrument :
BNA_P
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FESB-28-(1.5-2)

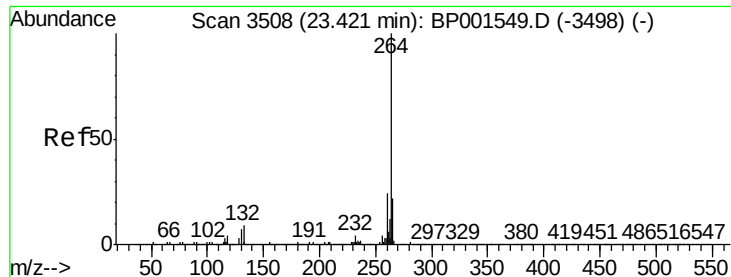
Tgt Ion:240 Resp: 159535
Ion Ratio Lower Upper
240 100
120 7.5 5.7 8.5
236 26.6 20.4 30.6



#79
Terphenyl-d14
Concen: 65.155 ng
RT: 19.63 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BP001609.D
Acq: 15 Jan 2020 15:09

Tgt Ion:244 Resp: 568306
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 7.0 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: BP001609.D
Acq: 15 Jan 2020 15:09

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	21.1	18.2	27.4

