

Data File : BP001583.D
Acq On : 09 Jan 2020 17:24
Operator : JU
Sample : L1047-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FMI109

Quant Time: Jan 10 05:07:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 15:02:19 2020
Response via : Initial Calibration

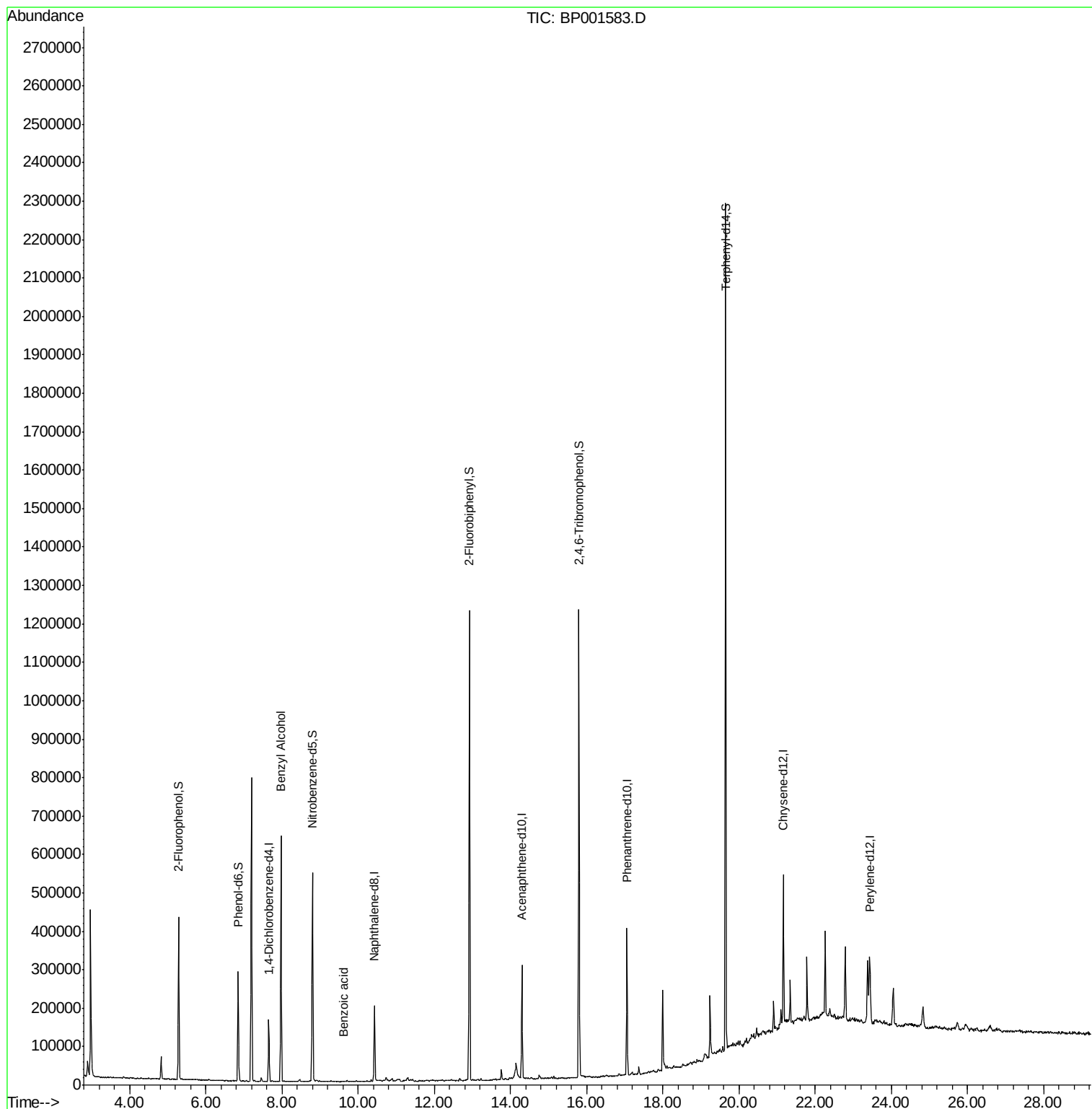
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	35026	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	130686	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	87701	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	208212	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	174938	20.00	ng	0.00
87) Perylene-d12	23.43	264	172175	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	139344	77.93	ng	-0.01
7) Phenol-d6	6.85	99	122998	43.04	ng	-0.01
23) Nitrobenzene-d5	8.80	82	276020	92.29	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	184301	138.05	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	593037	99.42	ng	0.00
79) Terphenyl-d14	19.65	244	979421	102.40	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.97	79	5436	2.020	ng	Qvalue # 54
32) Benzoic acid	9.62	122	18	4.714	ng	89

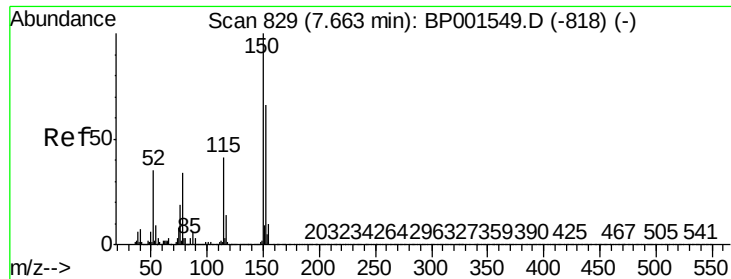
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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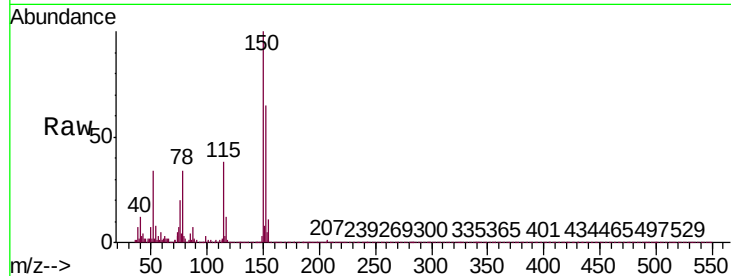


#1

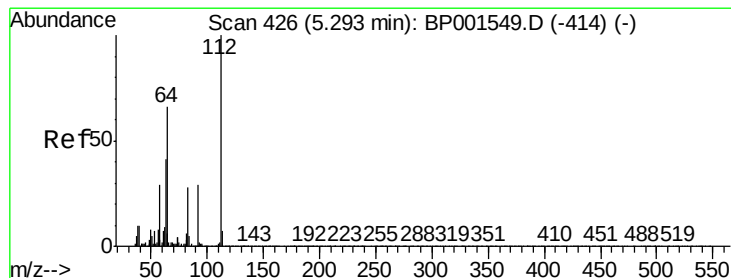
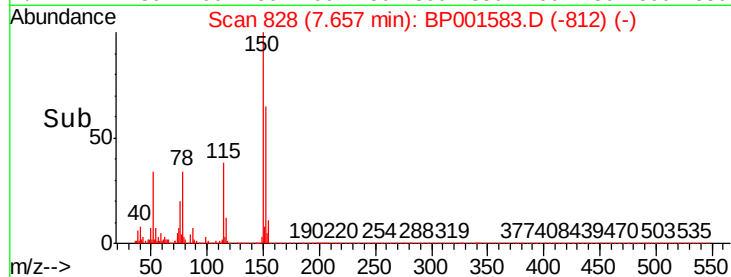
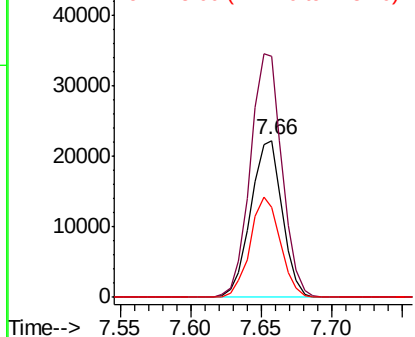
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 828
Delta R.T. -0.01 min
Lab File: BP001583.D
Acq: 09 Jan 2020 17:24

Instrument :
BNA_P
ClientSampleId :
FMI109

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.2	122.0	183.0
115	57.6	50.7	76.1



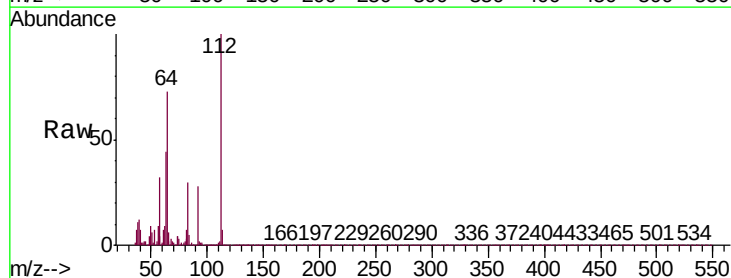
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



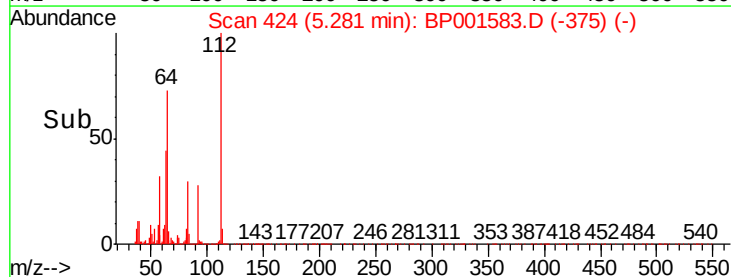
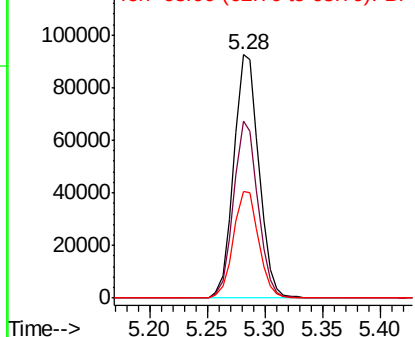
#5

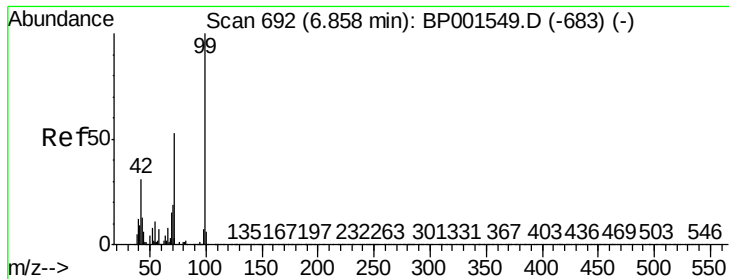
2-Fluorophenol
Concen: 77.931 ng
RT: 5.28 min Scan# 424
Delta R.T. -0.01 min
Lab File: BP001583.D
Acq: 09 Jan 2020 17:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.7	52.8	79.2
63	43.7	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: 43.042 ng

RT: 6.85 min Scan# 690

Delta R.T. -0.01 min

Lab File: BP001583.D

Acq: 09 Jan 2020 17:24

Instrument :

BNA_P

ClientSampleId :

FMI109

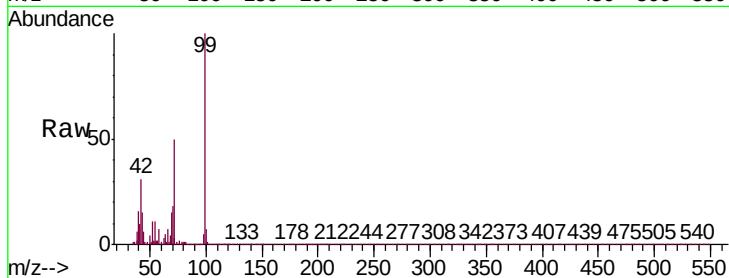
Tgt Ion: 99 Resp: 122998

Ion Ratio Lower Upper

99 100

42 30.9 24.5 36.7

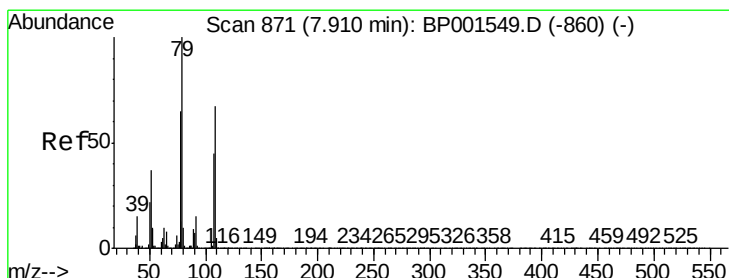
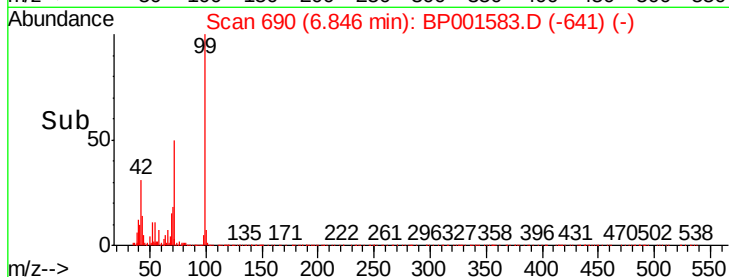
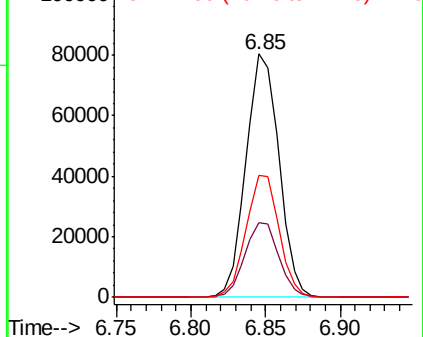
71 49.9 42.4 63.6



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



#15

Benzyl Alcohol

Concen: 2.020 ng

RT: 7.97 min Scan# 881

Delta R.T. 0.06 min

Lab File: BP001583.D

Acq: 09 Jan 2020 17:24

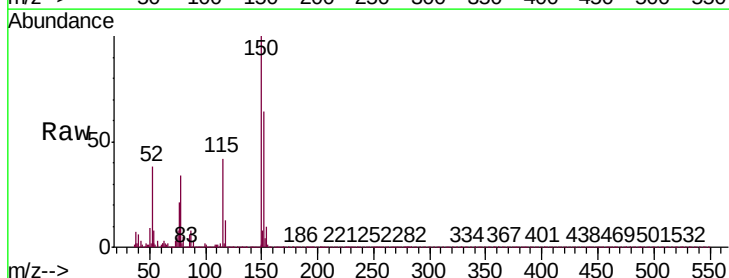
Tgt Ion: 79 Resp: 5436

Ion Ratio Lower Upper

79 100

108 50.5 53.2 79.8#

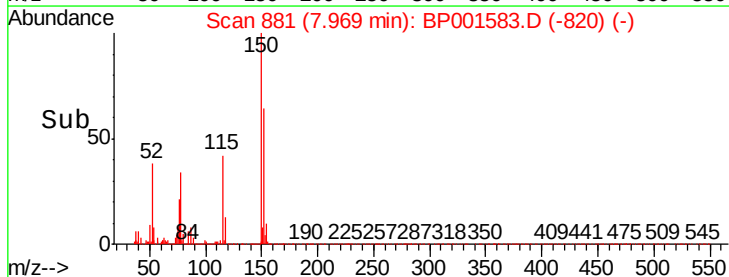
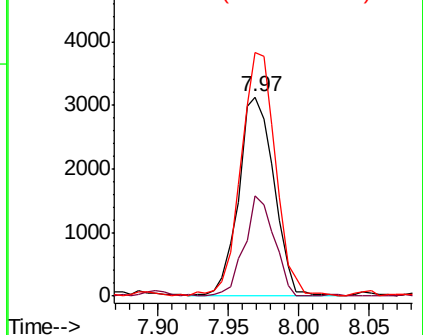
77 122.2 52.1 78.1#

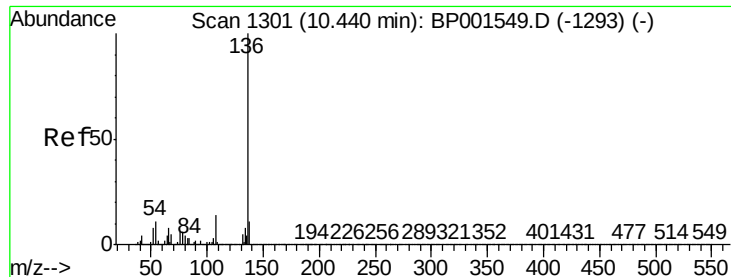


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

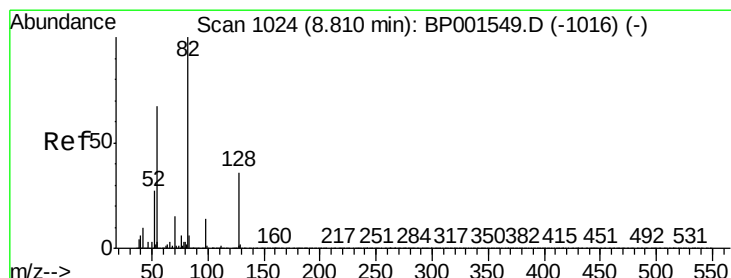
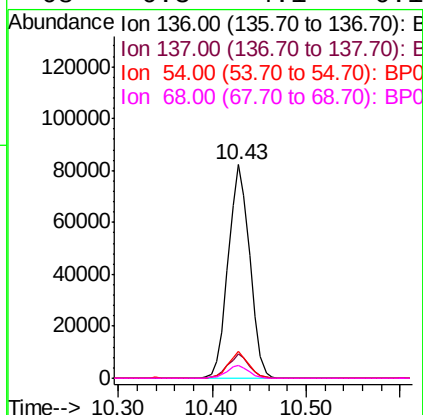
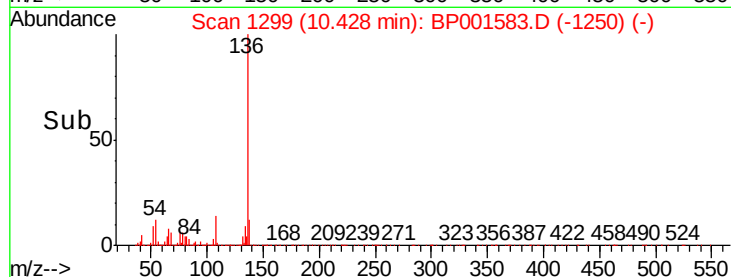
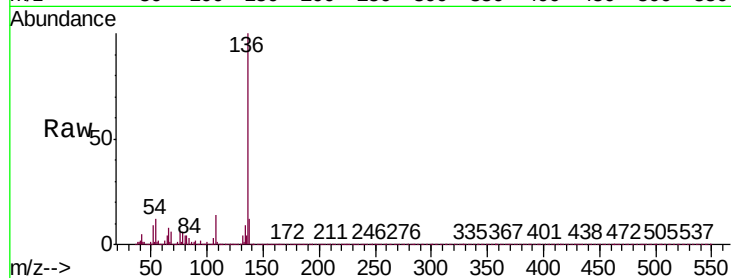




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BP001583.D
Acq: 09 Jan 2020 17:24

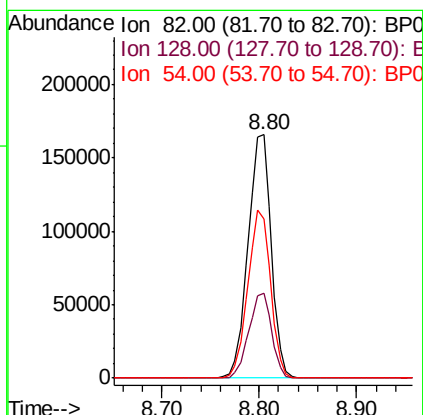
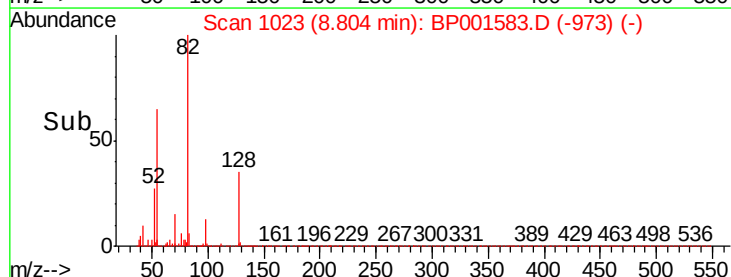
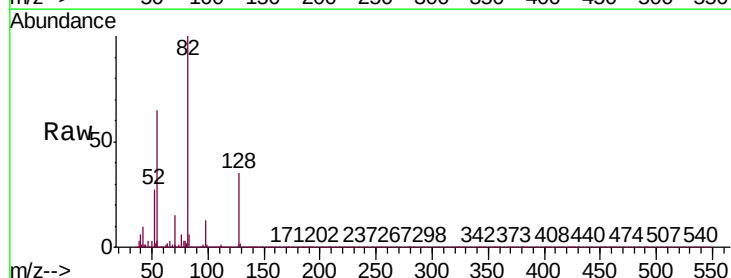
Instrument :
BNA_P
ClientSampleId :
FMI109

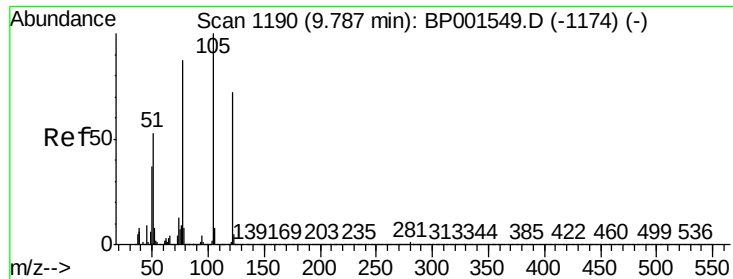
Tgt Ion:	136	Resp:	130686
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	12.4	9.2	13.8
68	6.3	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 92.293 ng
RT: 8.80 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BP001583.D
Acq: 09 Jan 2020 17:24

Tgt Ion:	82	Resp:	276020
Ion	Ratio	Lower	Upper
82	100		
128	34.7	28.4	42.6
54	65.4	53.4	80.2

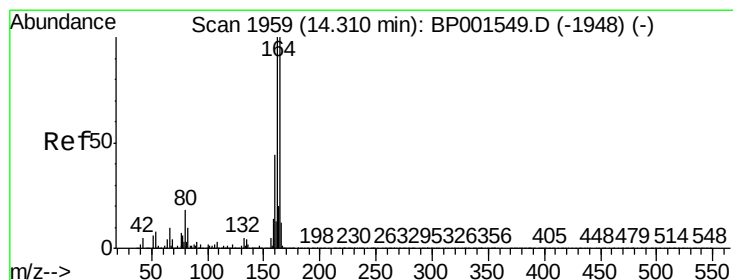
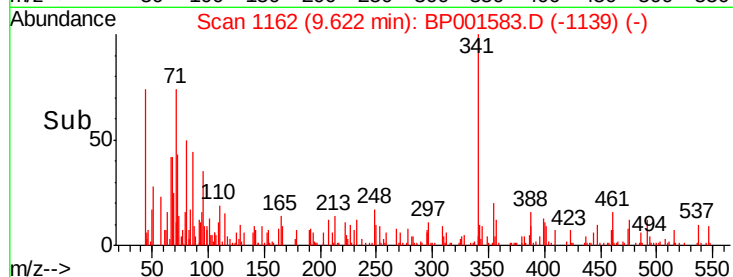
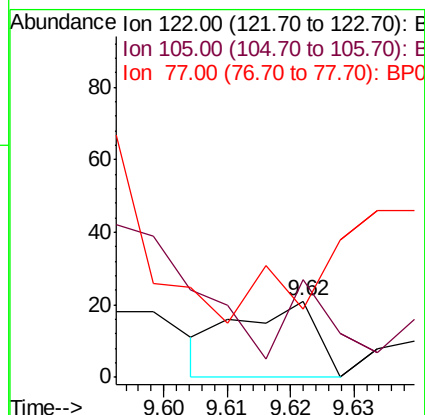
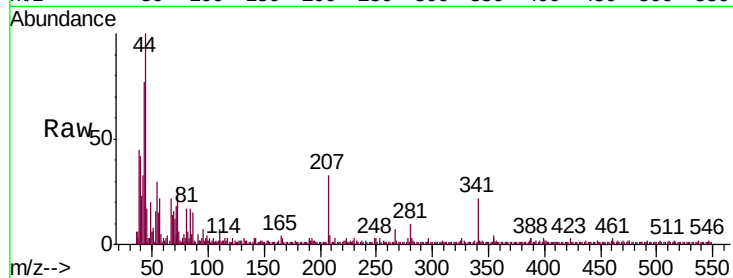




#32
Benzoic acid
Concen: 4.714 ng
RT: 9.62 min Scan# 1162
Delta R.T. -0.16 min
Lab File: BP001583.D
Acq: 09 Jan 2020 17:24

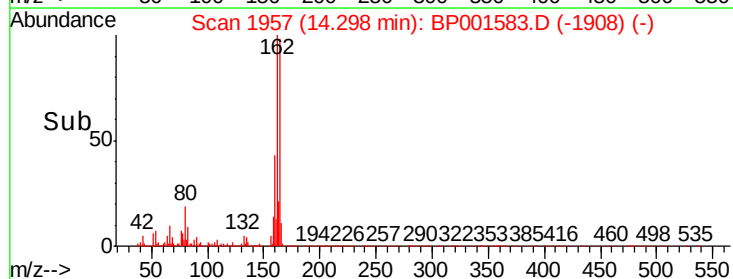
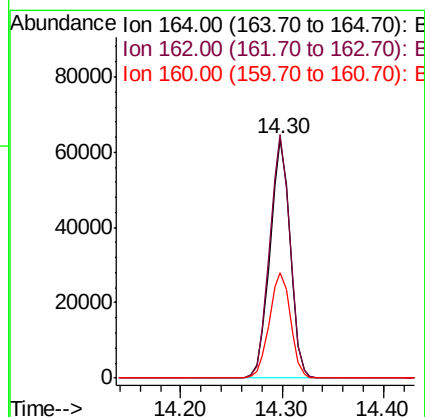
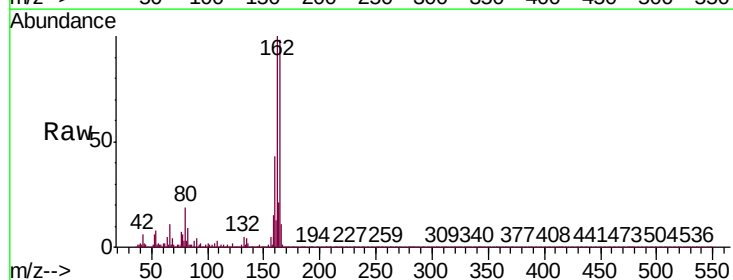
Instrument :
BNA_P
ClientSampleId :
FMI109

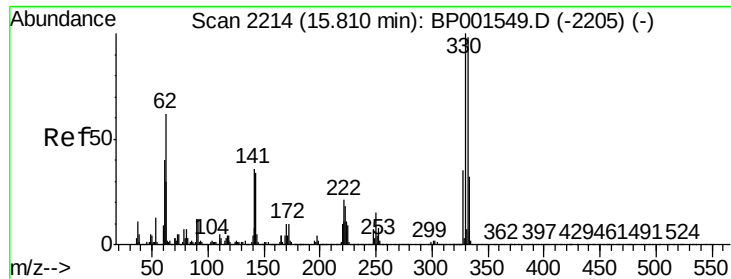
Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.6	119.5	159.5
77	138.1	102.8	142.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BP001583.D
Acq: 09 Jan 2020 17:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	79.8	119.6
160	44.3	35.0	52.6

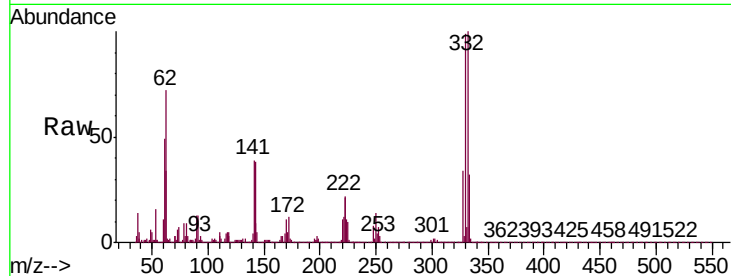




#42
 2,4,6-Tribromophenol
 Concen: 138.055 ng
 RT: 15.80 min Scan# 2212
 Delta R.T. -0.01 min
 Lab File: BP001583.D
 Acq: 09 Jan 2020 17:24

Instrument :
 BNA_P
 ClientSampleId :
 FMI109

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.8	116.6
141	38.3	28.7	43.1

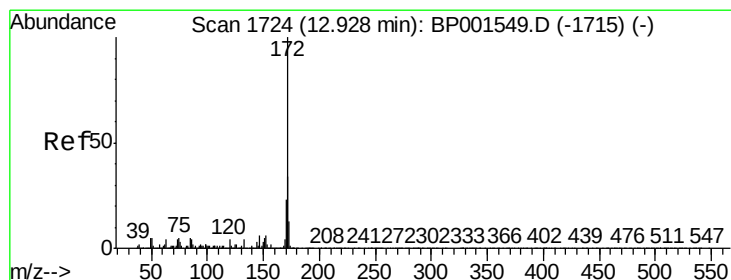
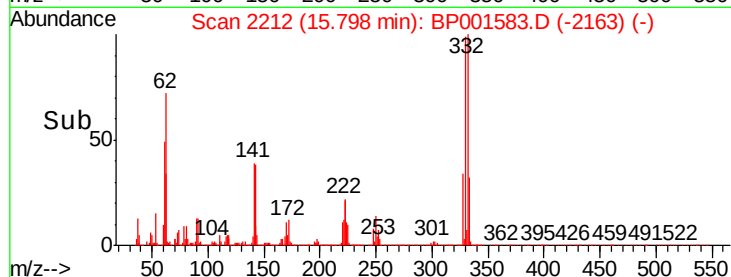
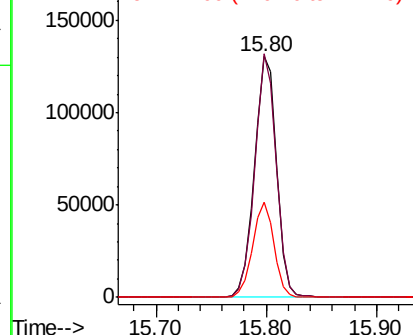


Abundance

Ion 329.80 (329.50 to 330.50): E

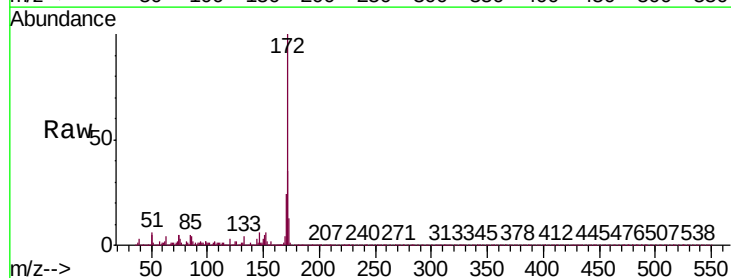
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 99.420 ng
 RT: 12.92 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BP001583.D
 Acq: 09 Jan 2020 17:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.6	41.4
170	24.0	18.3	27.5

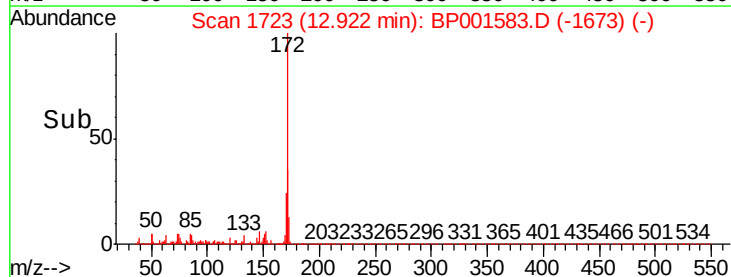
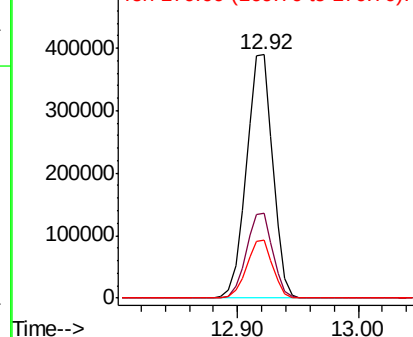


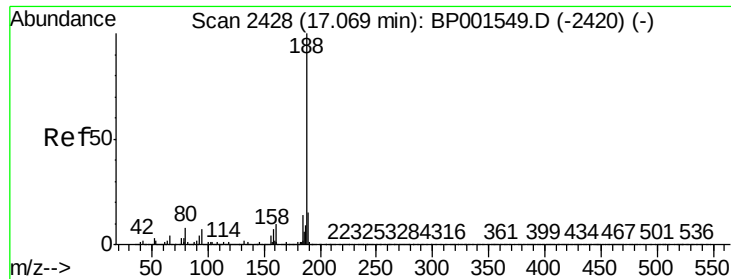
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BP001583.D

Acq: 09 Jan 2020 17:24

Instrument :

BNA_P

ClientSampleId :

FMI109

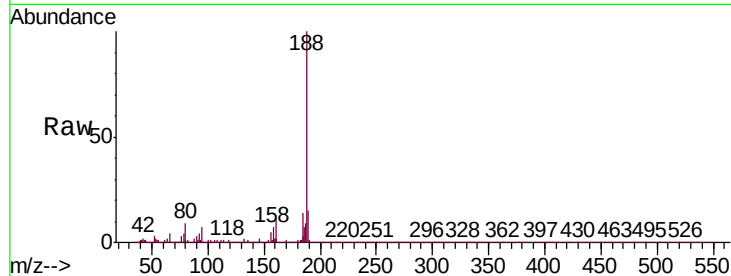
Tgt Ion:188 Resp: 208212

Ion Ratio Lower Upper

188 100

94 7.2 5.9 8.9

80 8.8 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

200000

150000

100000

50000

0

17.06

17.05

17.04

17.03

17.02

17.01

16.99

16.98

16.97

16.96

16.95

16.94

16.93

16.92

16.91

16.90

16.89

16.88

16.87

16.86

16.85

16.84

16.83

16.82

16.81

16.80

16.79

16.78

16.77

16.76

16.75

16.74

16.73

16.72

16.71

16.70

16.69

16.68

16.67

16.66

16.65

16.64

16.63

16.62

16.61

16.60

16.59

16.58

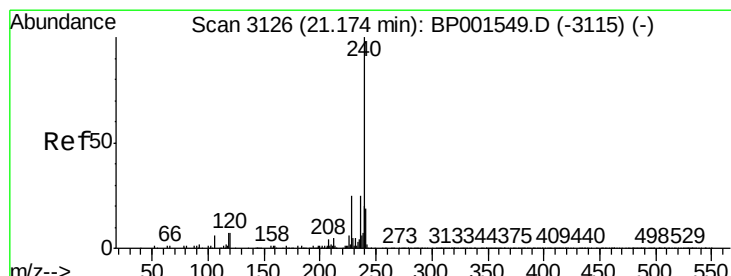
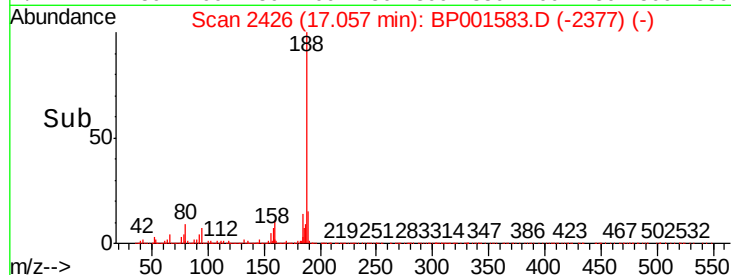
16.57

16.56

16.55

16.54

16.53



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BP001583.D

Acq: 09 Jan 2020 17:24

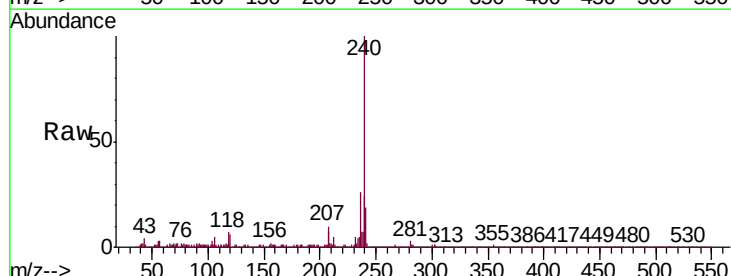
Tgt Ion:240 Resp: 174938

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

236 25.5 20.4 30.6



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

150000

100000

50000

0

21.17

21.16

21.15

21.14

21.13

21.12

21.11

21.10

21.09

21.08

21.07

21.06

21.05

21.04

21.03

21.02

21.01

21.00

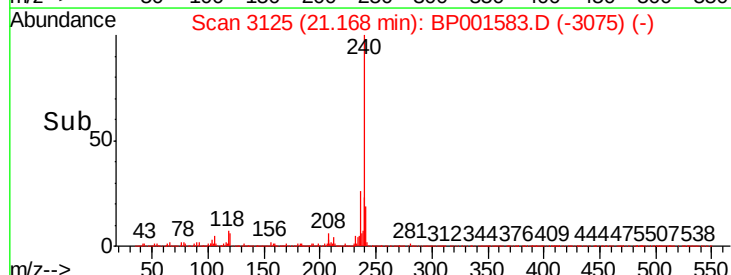
20.99

20.98

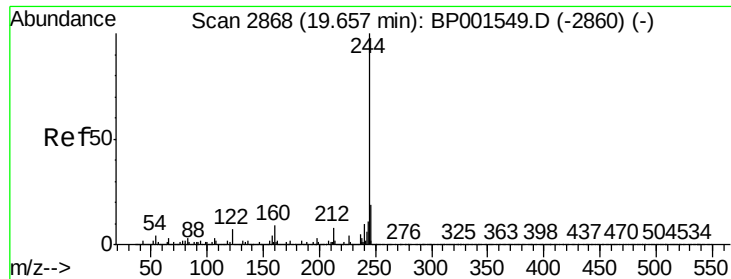
20.97

20.96

20.95



Time-->



#79

Terphenyl-d14

Concen: 102.402 ng

RT: 19.65 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BP001583.D

Acq: 09 Jan 2020 17:24

Instrument :

BNA_P

ClientSampleId :

FMI109

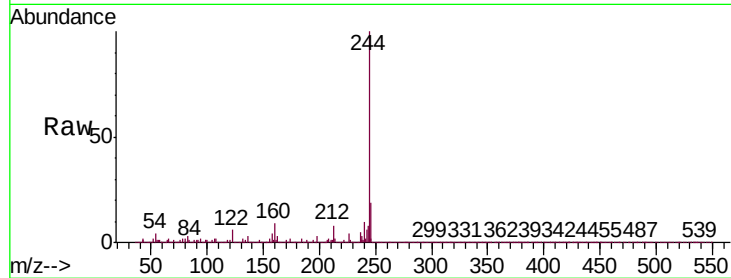
Tgt Ion:244 Resp: 979421

Ion Ratio Lower Upper

244 100

212 8.4 6.3 9.5

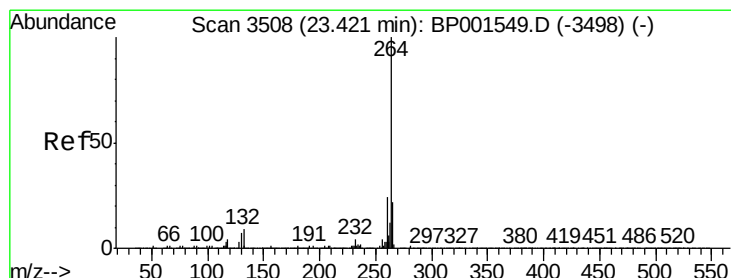
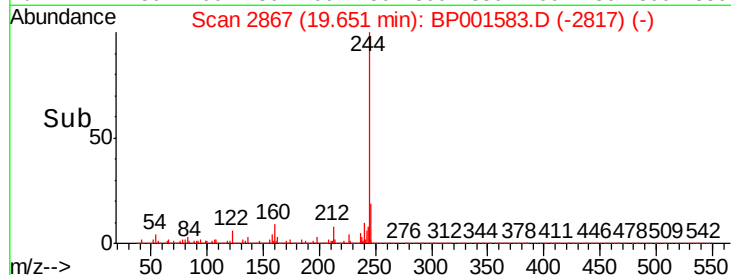
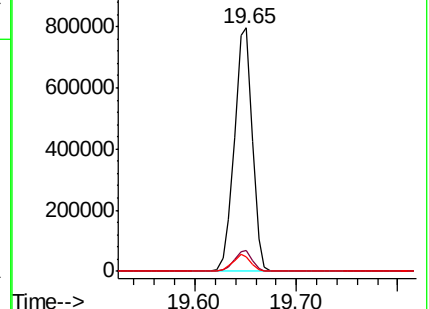
122 6.1 5.8 8.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.43 min Scan# 3510

Delta R.T. 0.01 min

Lab File: BP001583.D

Acq: 09 Jan 2020 17:24

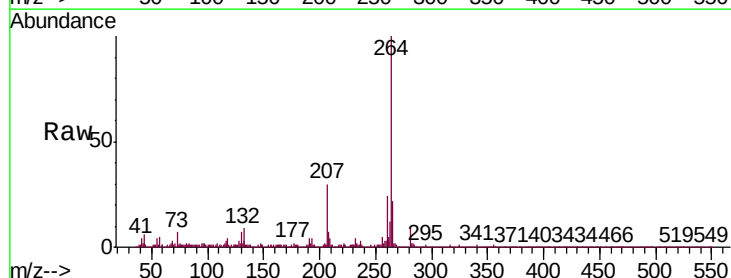
Tgt Ion:264 Resp: 172175

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.5 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

