

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
 Data File : BP001616.D
 Acq On : 15 Jan 2020 19:06
 Operator : JU
 Sample : L1125-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FESB-34-(4.5-5)

Quant Time: Jan 16 07:04:20 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

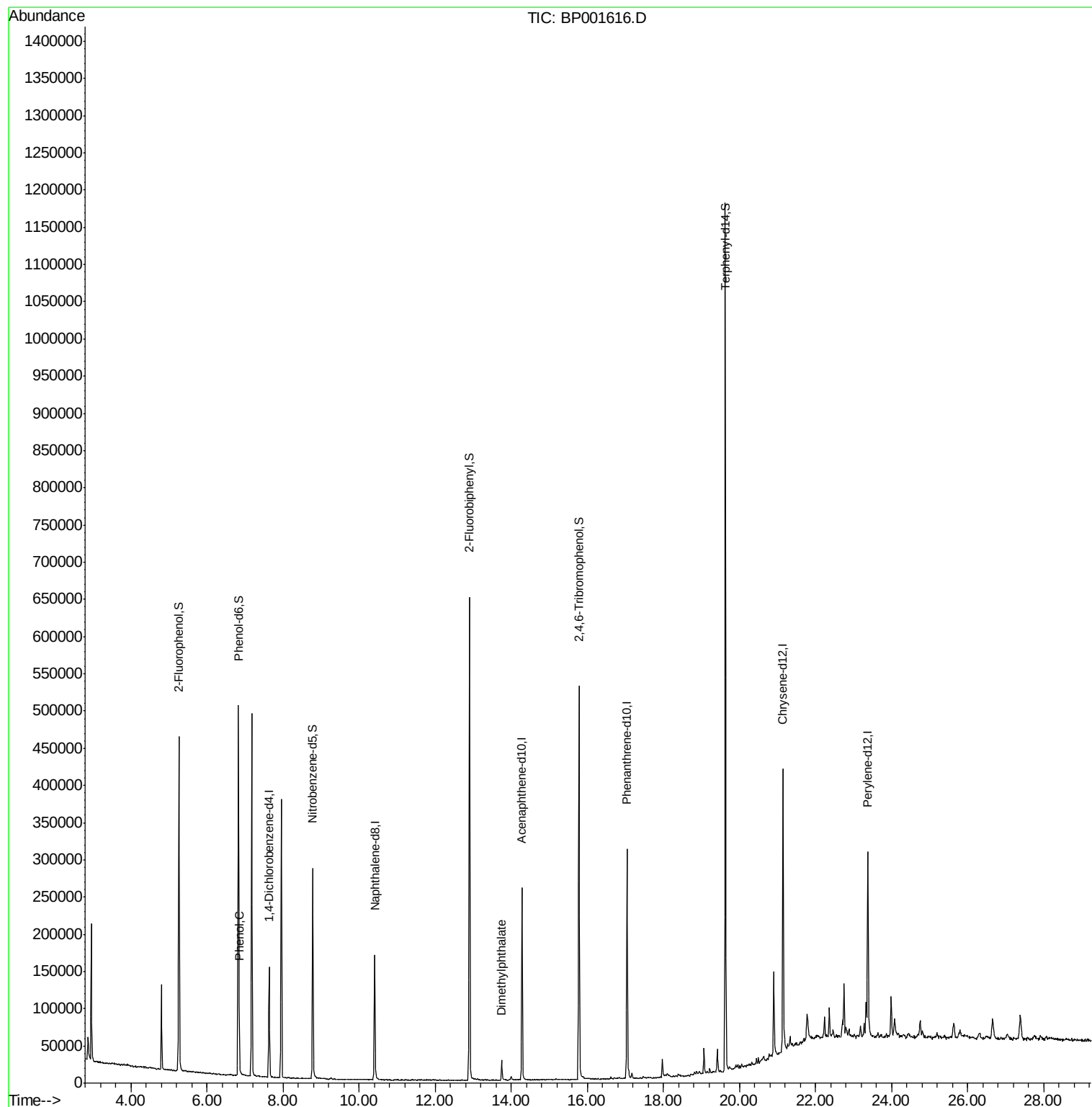
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	33083	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	120026	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	81342	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	182299	20.00	ng	0.00
76) Chrysene-d12	21.15	240	169940	20.00	ng	-0.01
87) Perylene-d12	23.37	264	179087	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	148986	88.22	ng	0.00
7) Phenol-d6	6.83	99	215603	79.88	ng	0.00
23) Nitrobenzene-d5	8.78	82	149706	54.50	ng	0.00
42) 2,4,6-Tribromophenol	15.78	330	84589	68.32	ng	-0.01
45) 2-Fluorobiphenyl	12.90	172	308674	55.79	ng	0.00
79) Terphenyl-d14	19.63	244	494065	53.18	ng	-0.01
Target Compounds						
10) Phenol	6.85	94	5670	2.031	ng	Qvalue # 80
50) Dimethylphthalate	13.75	163	18253	2.724	ng	99

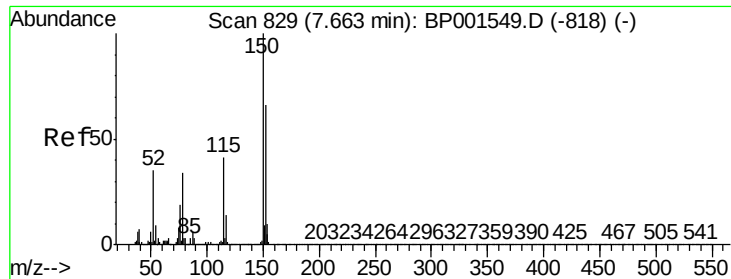
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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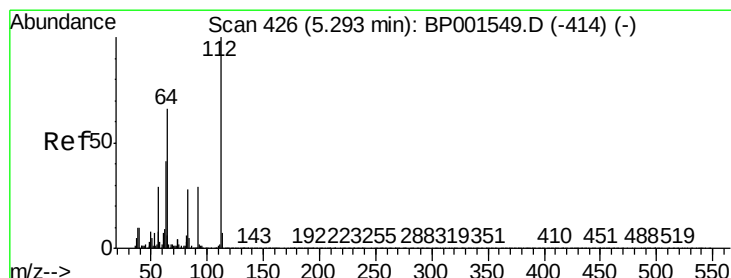
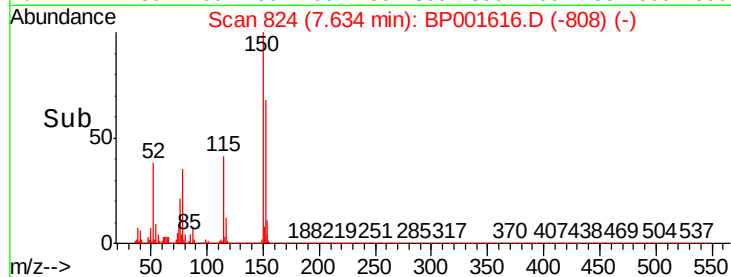
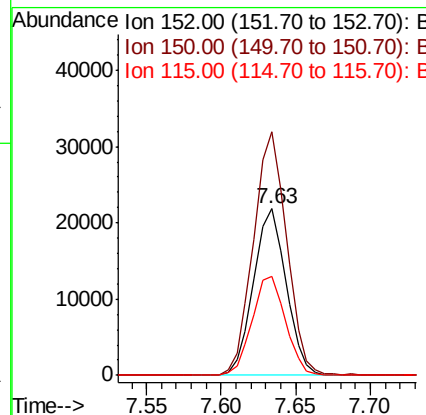
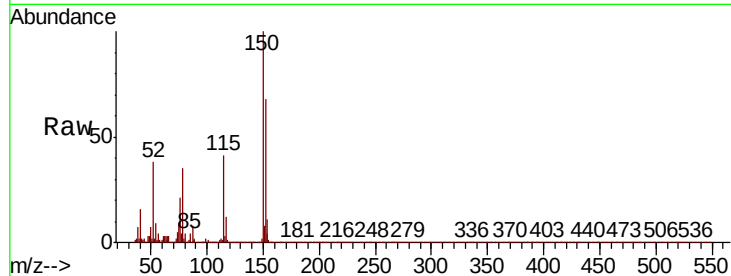


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001616.D
Acq: 15 Jan 2020 19:06

Instrument :
BNA_P
ClientSampleId :
FESB-34-(4.5-5)

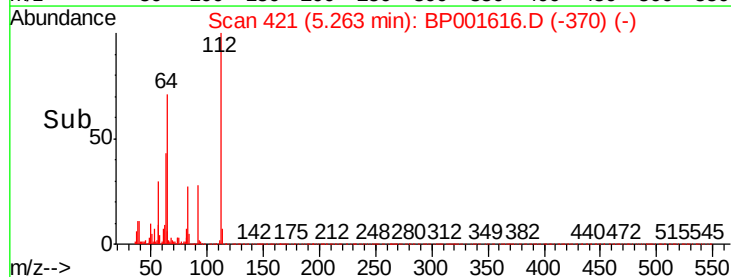
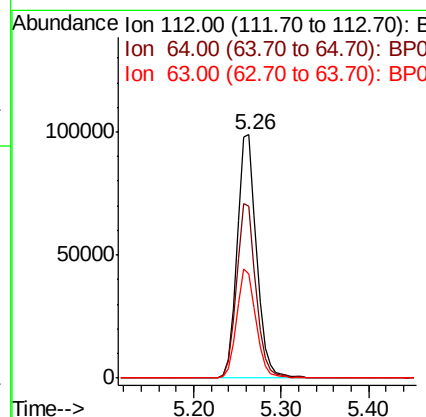
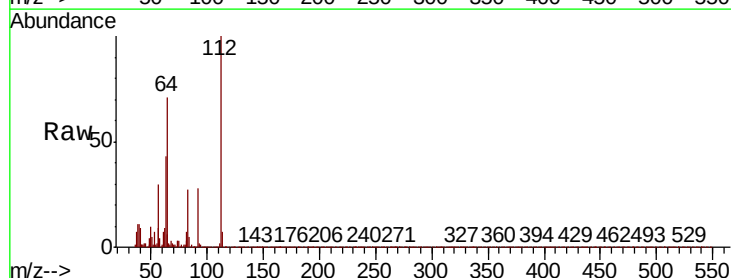
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.4	122.0	183.0
115	59.5	50.7	76.1

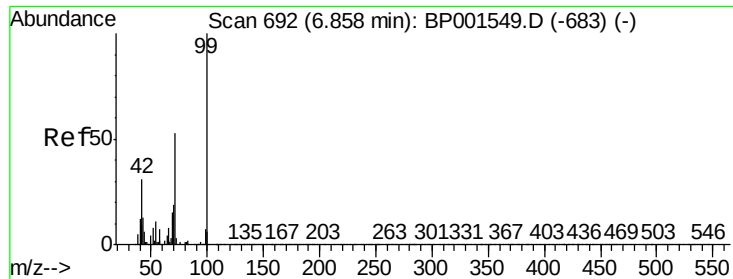


#5

2-Fluorophenol
Concen: 88.217 ng
RT: 5.26 min Scan# 421
Delta R.T. -0.00 min
Lab File: BP001616.D
Acq: 15 Jan 2020 19:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	52.8	79.2
63	42.8	33.1	49.7





#7

Phenol-d6

Concen: 79.879 ng

RT: 6.83 min Scan# 687

Delta R.T. -0.01 min

Lab File: BP001616.D

Acq: 15 Jan 2020 19:06

Instrument :

BNA_P

ClientSampleId :

FESB-34-(4.5-5)

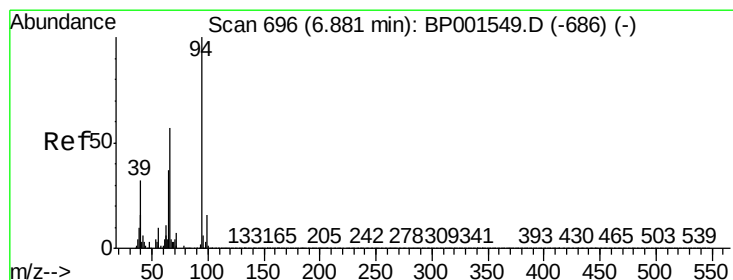
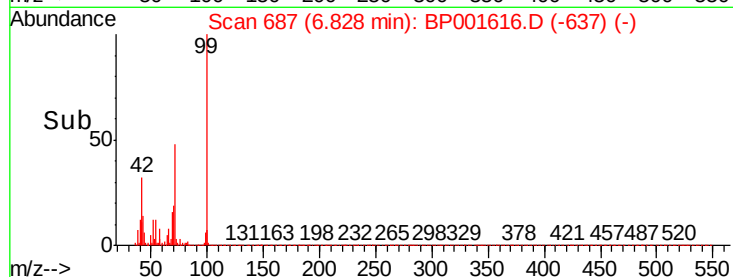
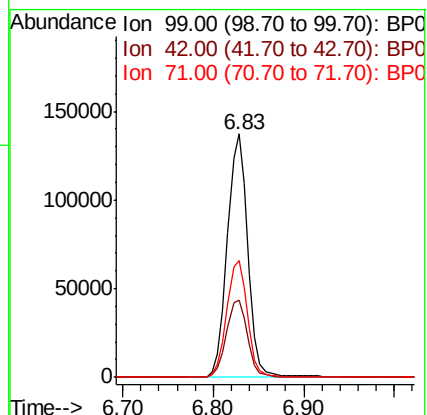
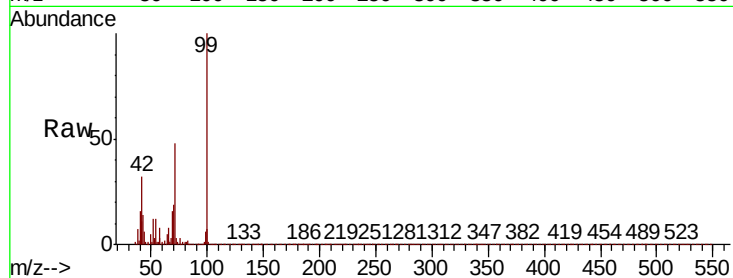
Tot Ion: 99 Resp: 215603

Ion Ratio Lower Upper

99 100

42 31.5 24.5 36.7

71 48.2 42.4 63.6



#10

Phenol

Concen: 2.031 ng

RT: 6.85 min Scan# 691

Delta R.T. -0.01 min

Lab File: BP001616.D

Acq: 15 Jan 2020 19:06

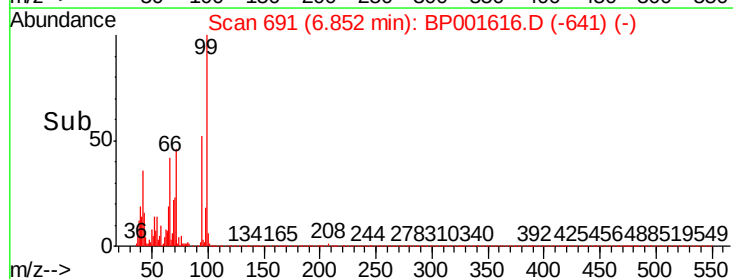
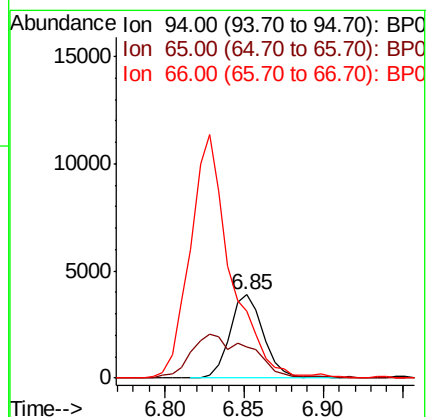
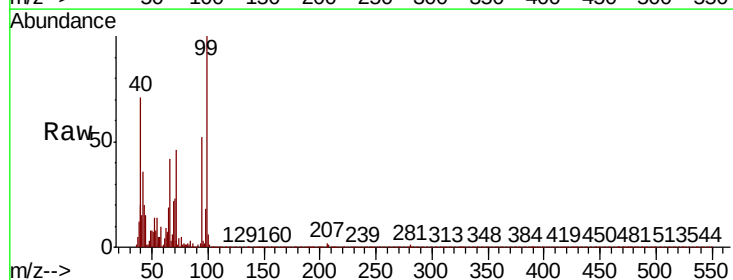
Tgt Ion: 94 Resp: 5670

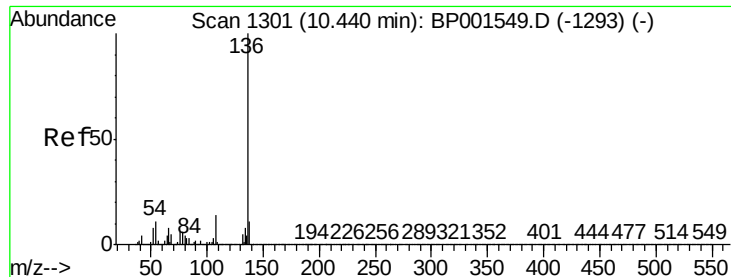
Ion Ratio Lower Upper

94 100

65 37.1 17.5 57.5

66 80.2 36.7 76.7#

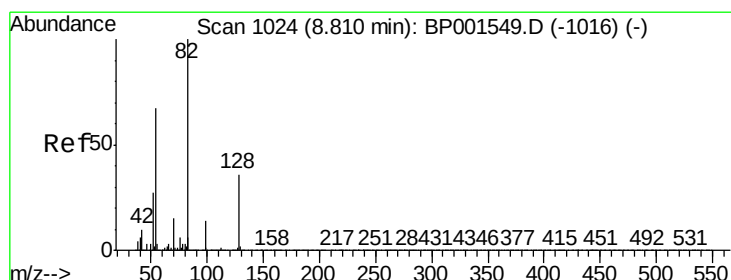
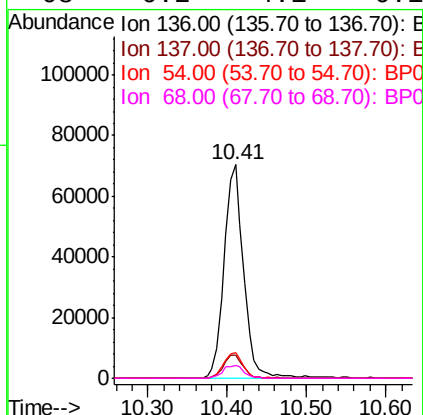
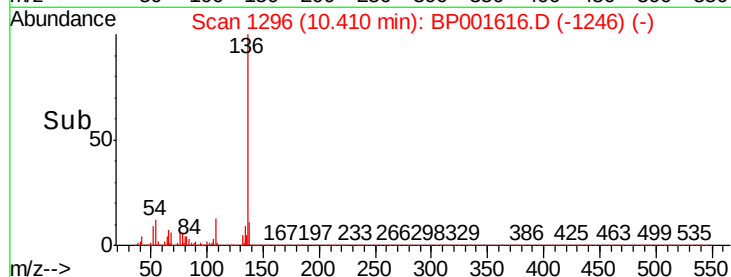
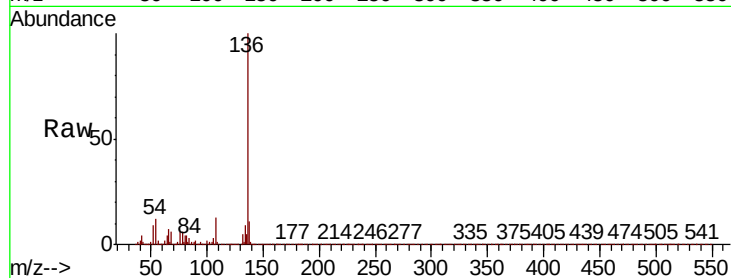




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP001616.D
Acq: 15 Jan 2020 19:06

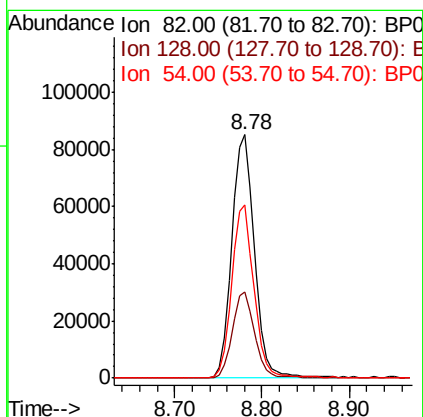
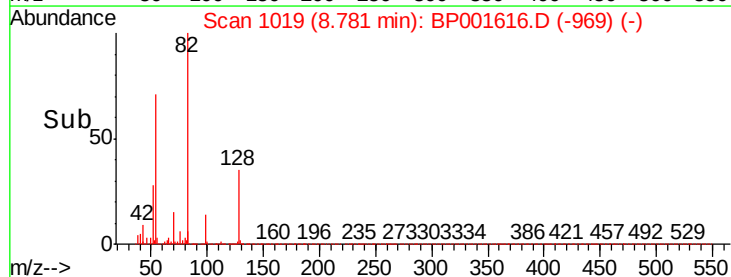
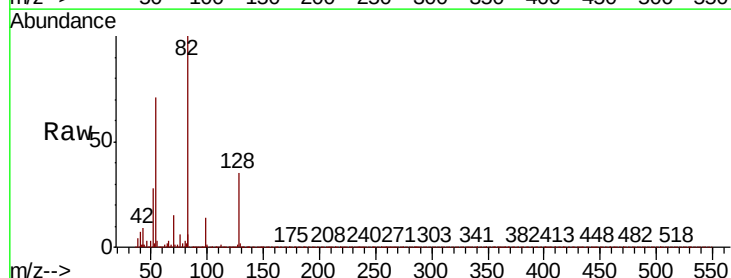
Instrument :
BNA_P
ClientSampleId :
FESB-34-(4.5-5)

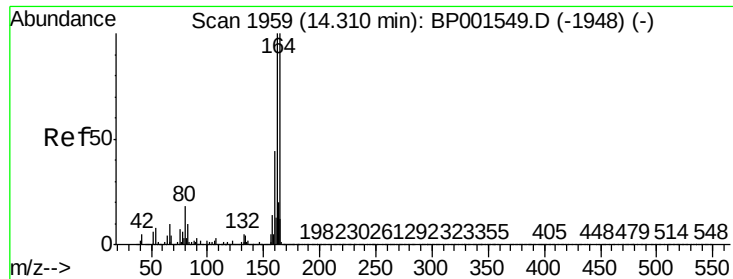
Tot Ion:136	Resp:	120026
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.6	12.8
54 12.3	9.2	13.8
68 6.2	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 54.503 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001616.D
Acq: 15 Jan 2020 19:06

Tgt Ion: 82	Resp: 149706
Ion Ratio	Lower Upper
82 100	
128 35.3	28.4 42.6
54 71.0	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: BP001616.D

Acq: 15 Jan 2020 19:06

Instrument :

BNA_P

ClientSampleId :

FESB-34-(4.5-5)

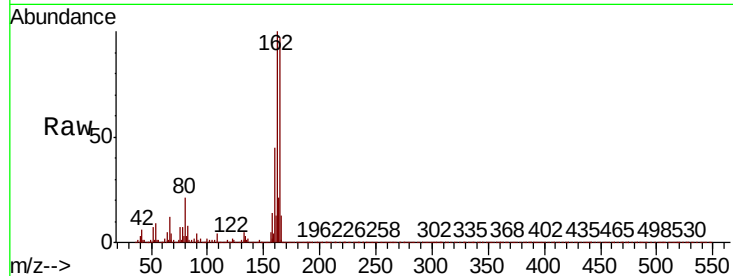
Tot Ion:164 Resp: 81342

Ion Ratio Lower Upper

164 100

162 103.2 79.8 119.6

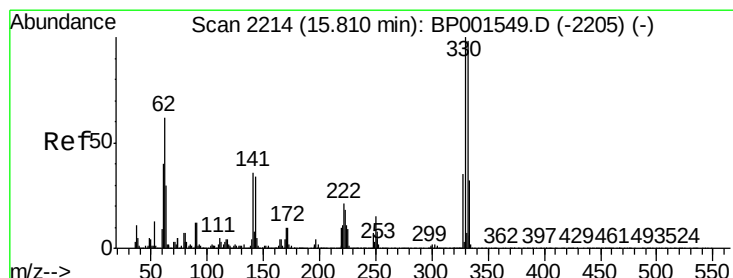
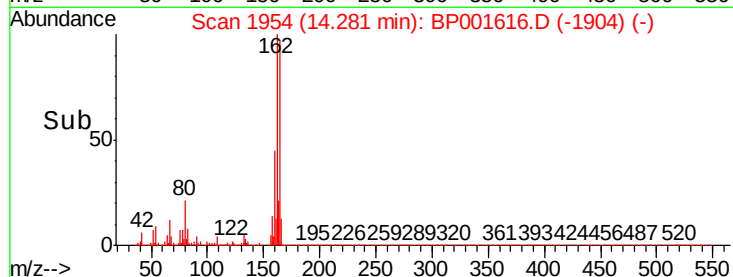
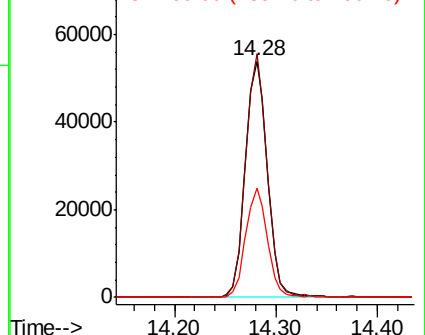
160 46.2 35.0 52.6



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: 68.317 ng

RT: 15.78 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BP001616.D

Acq: 15 Jan 2020 19:06

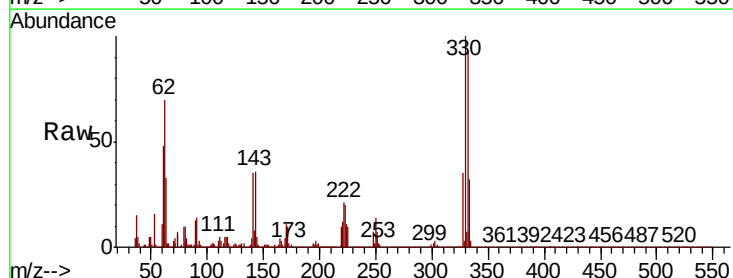
Tgt Ion:330 Resp: 84589

Ion Ratio Lower Upper

330 100

332 93.7 77.8 116.6

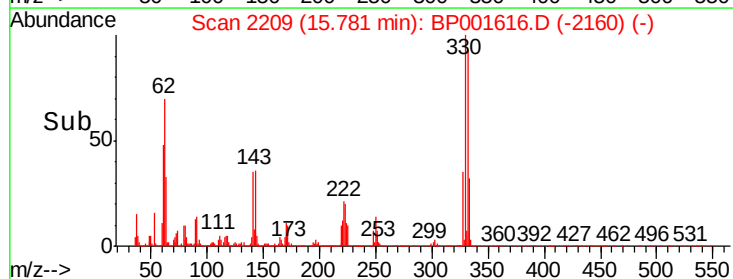
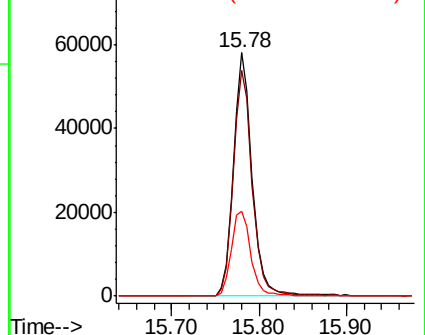
141 36.8 28.7 43.1

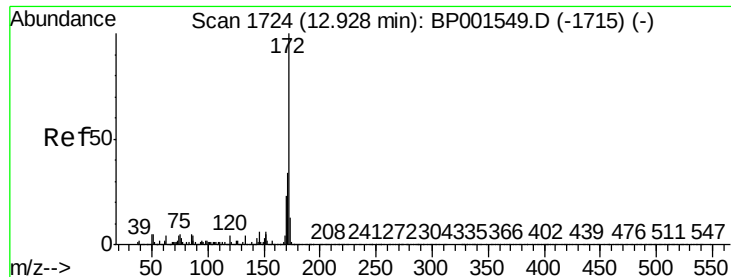


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

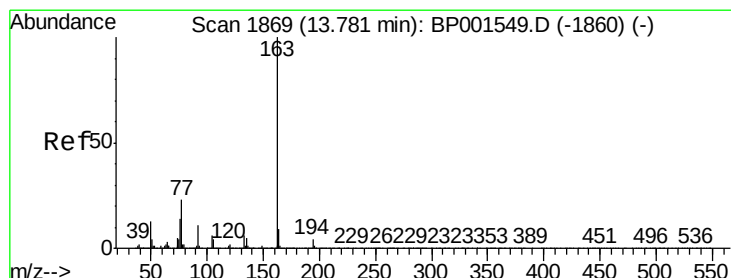
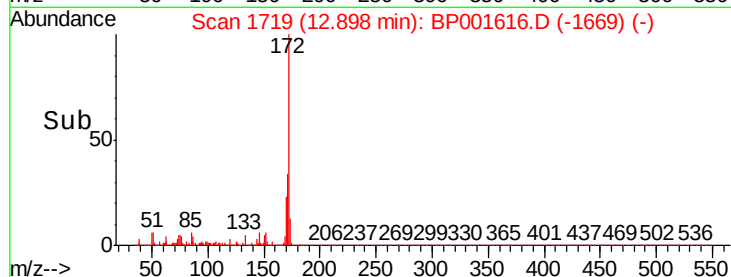
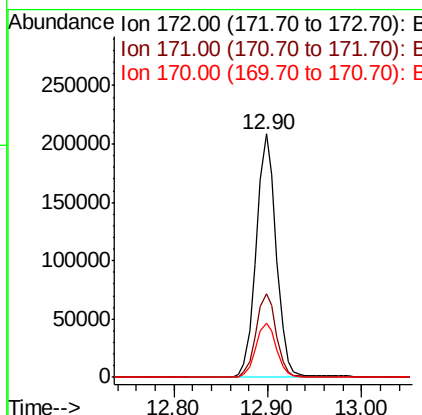
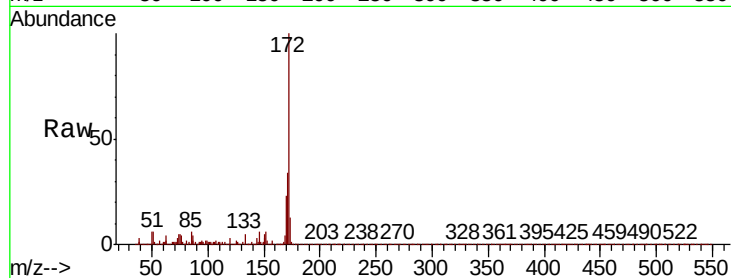




#45
2-Fluorobiphenyl
Concen: 55.793 ng
RT: 12.90 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BP001616.D
Acq: 15 Jan 2020 19:06

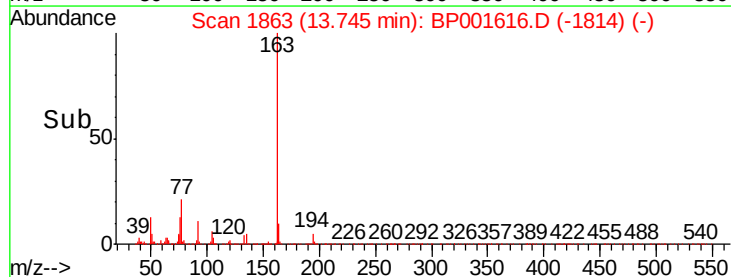
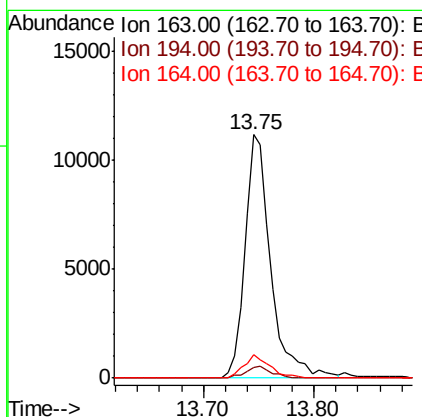
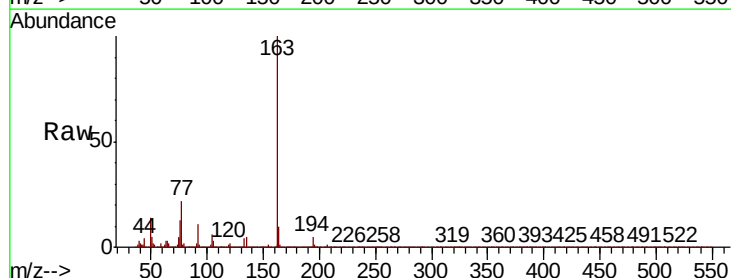
Instrument :
BNA_P
ClientSampleId :
FESB-34-(4.5-5)

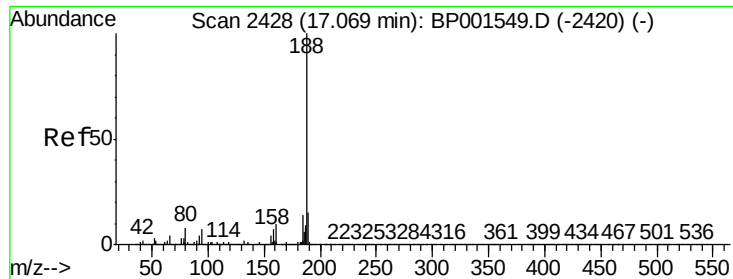
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.6	41.4
170	22.5	18.3	27.5



#50
Dimethylphthalate
Concen: 2.724 ng
RT: 13.75 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BP001616.D
Acq: 15 Jan 2020 19:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	9.8	7.5	11.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BP001616.D

Acq: 15 Jan 2020 19:06

Instrument :

BNA_P

ClientSampleId :

FESB-34-(4.5-5)

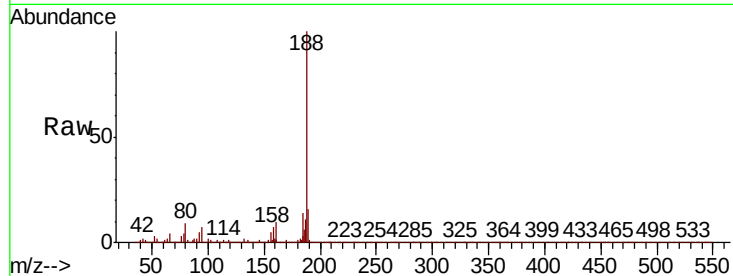
Tot Ion:188 Resp: 182299

Ion Ratio Lower Upper

188 100

94 7.5 5.9 8.9

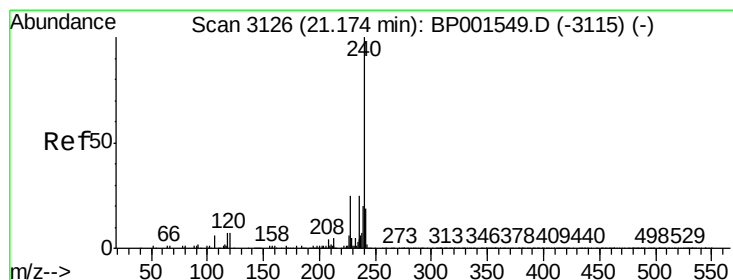
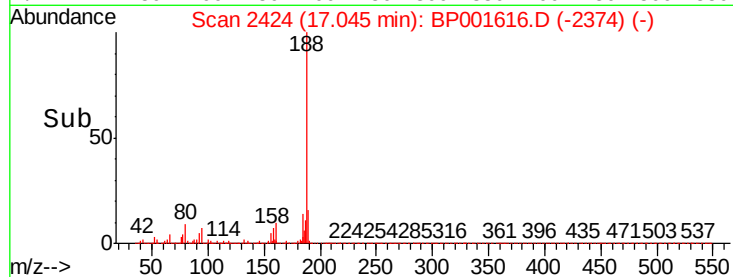
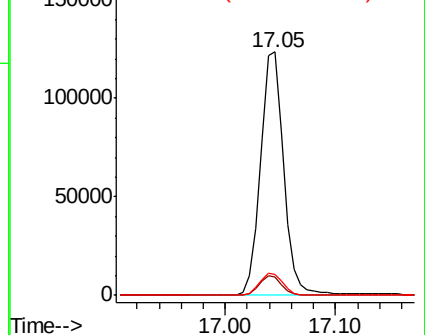
80 8.6 6.8 10.2



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: BP001616.D

Acq: 15 Jan 2020 19:06

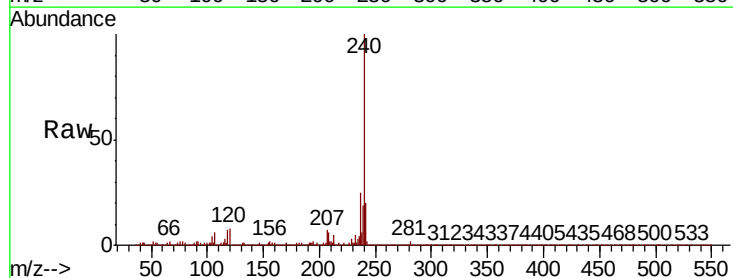
Tgt Ion:240 Resp: 169940

Ion Ratio Lower Upper

240 100

120 7.8 5.7 8.5

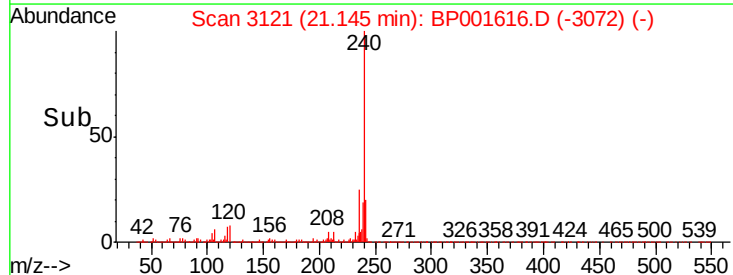
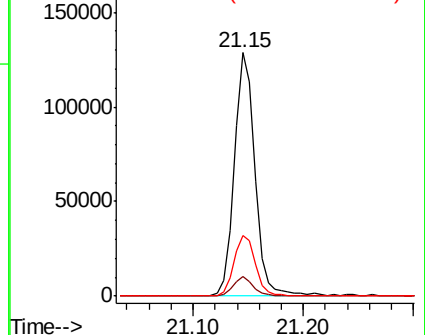
236 25.1 20.4 30.6

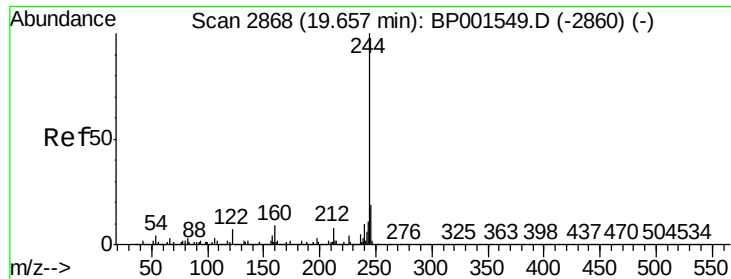


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 53.175 ng

RT: 19.63 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BP001616.D

Acq: 15 Jan 2020 19:06

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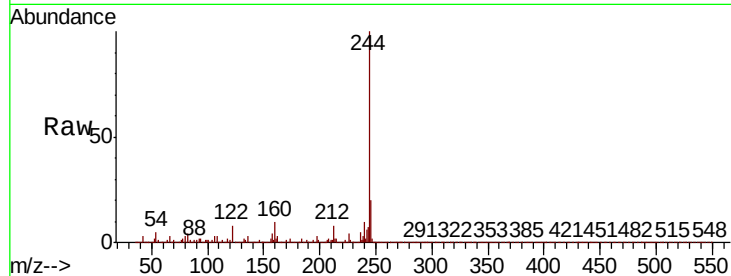
Tot Ion:244 Resp: 494065

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

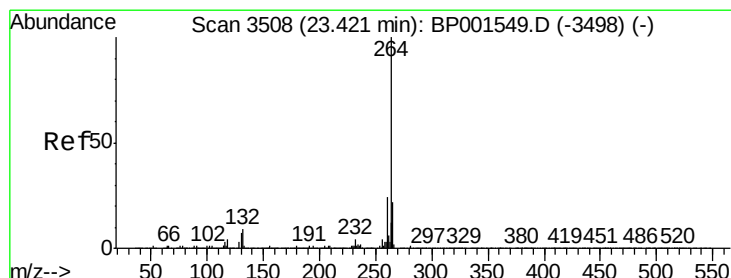
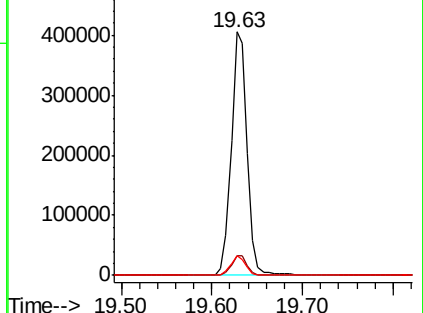
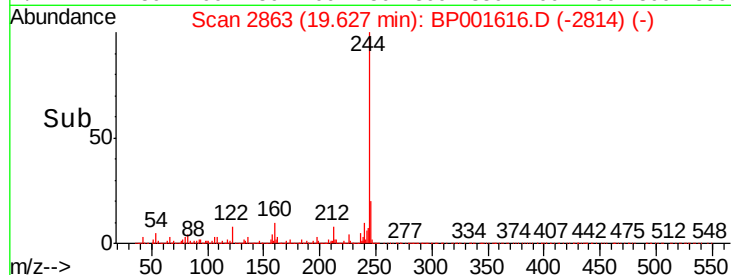
122 8.0 5.8 8.6



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: 23.37 min Scan# 3500

Delta R.T. -0.02 min

Lab File: BP001616.D

Acq: 15 Jan 2020 19:06

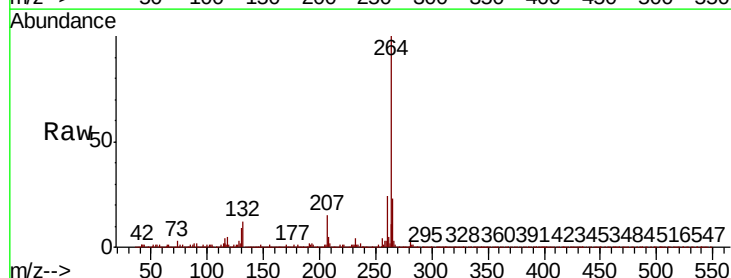
Tgt Ion:264 Resp: 179087

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 23.0 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

