

Data File : BP001580.D
Acq On : 09 Jan 2020 15:32
Operator : JU
Sample : PB125975BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB125975BL

Quant Time: Jan 10 05:06:11 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

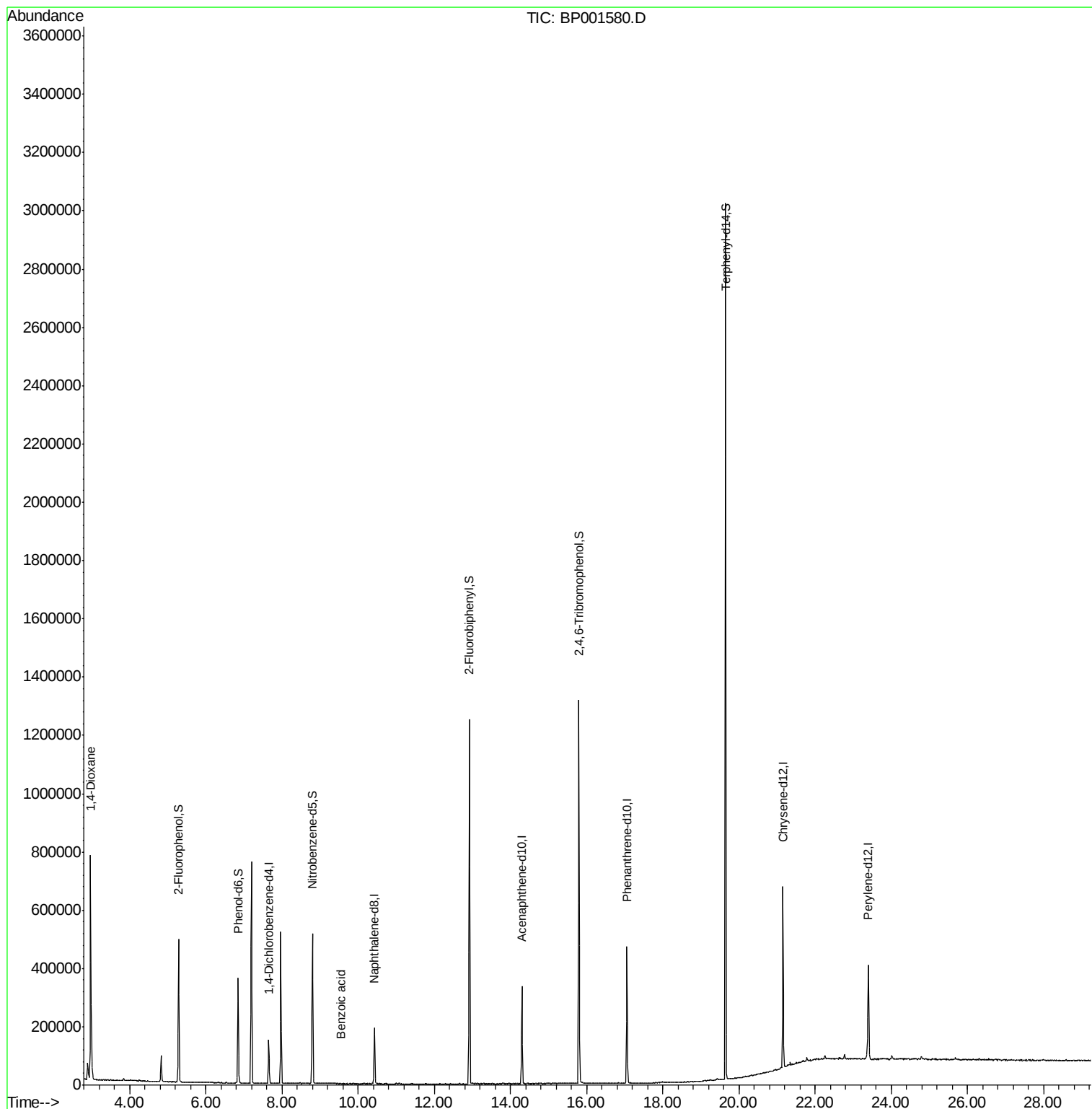
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	31345	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	130055	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	101269	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	262713	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	260217	20.00	ng	-0.02
87) Perylene-d12	23.40	264	241385	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	156111	97.56	ng	-0.01
7) Phenol-d6	6.85	99	148930	58.24	ng	-0.01
23) Nitrobenzene-d5	8.80	82	251006	84.34	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	194386	126.10	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	571355	82.95	ng	-0.01
79) Terphenyl-d14	19.65	244	1246638	87.62	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.97	88	4501	8.814	ng	# 1
32) Benzoic acid	9.54	122	14	4.711	ng	90

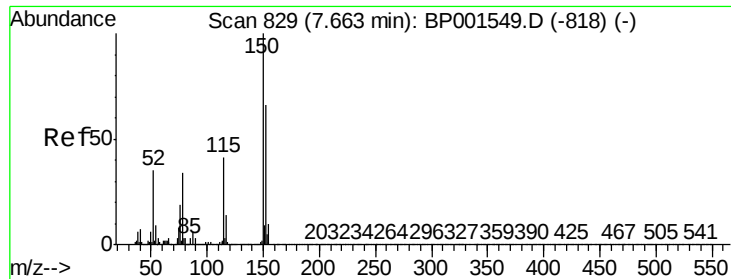
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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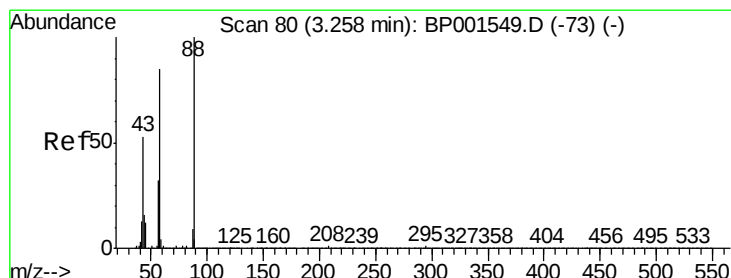
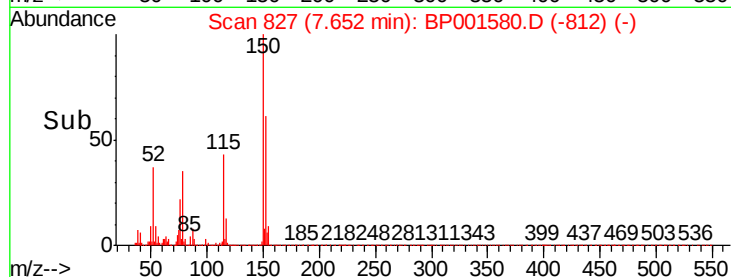
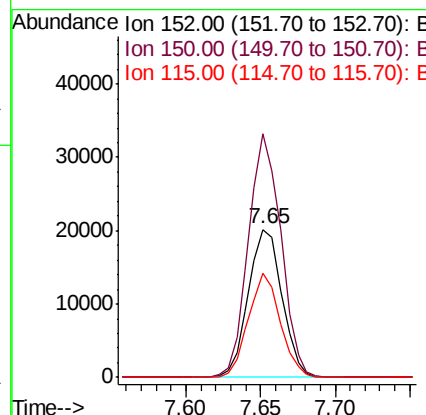
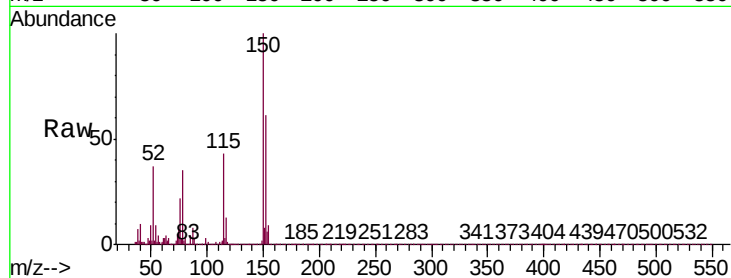


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 827
Delta R.T. -0.01 min
Lab File: BP001580.D
Acq: 09 Jan 2020 15:32

Instrument :
BNA_P
ClientSampleId :
PB125975BL

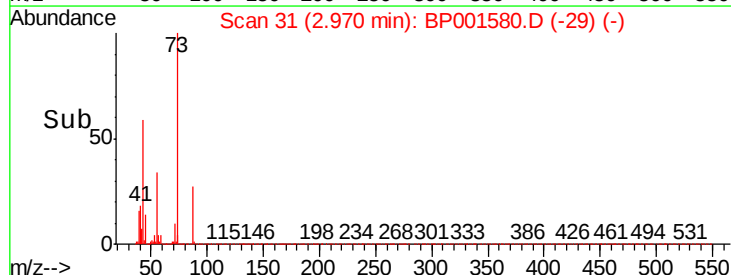
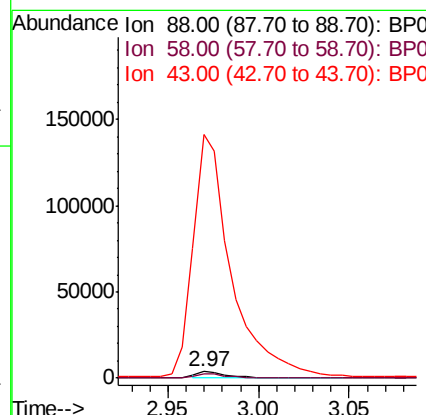
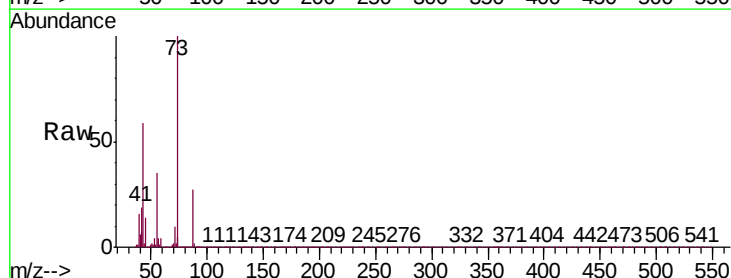
Tgt Ion: 152 Resp: 31345
Ion Ratio Lower Upper
152 100
150 164.6 122.0 183.0
115 70.0 50.7 76.1

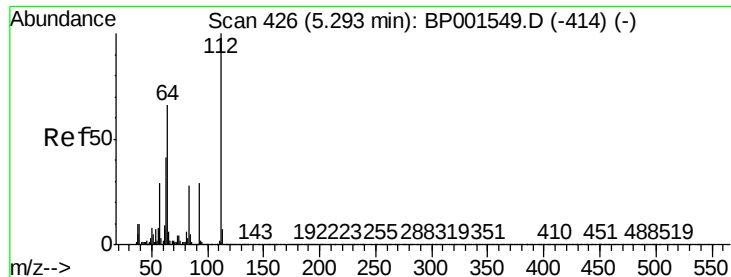


#2

1,4-Dioxane
Concen: 8.814 ng
RT: 2.97 min Scan# 31
Delta R.T. -0.29 min
Lab File: BP001580.D
Acq: 09 Jan 2020 15:32

Tgt Ion: 88 Resp: 4501
Ion Ratio Lower Upper
88 100
58 62.2 69.5 104.3#
43 3884.2 40.3 60.5#





#5

2-Fluorophenol

Concen: 97.561 ng

RT: 5.28 min Scan# 424

Delta R.T. -0.01 min

Lab File: BP001580.D

Acq: 09 Jan 2020 15:32

Instrument :

BNA_P

ClientSampleId :

PB125975BL

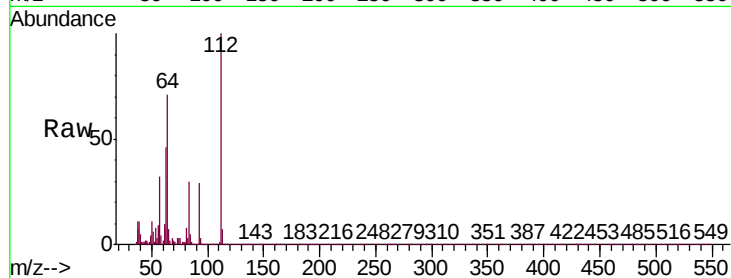
Tgt Ion: 112 Resp: 156111

Ion Ratio Lower Upper

112 100

64 70.7 52.8 79.2

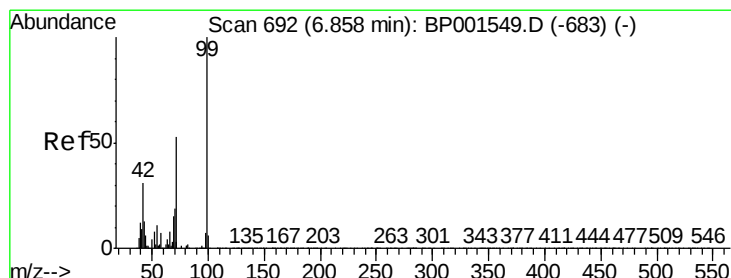
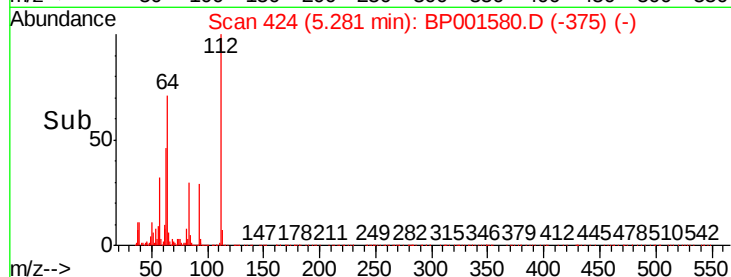
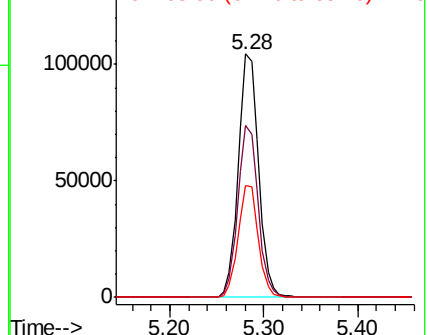
63 45.9 33.1 49.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#7

Phenol-d6

Concen: 58.237 ng

RT: 6.85 min Scan# 690

Delta R.T. -0.01 min

Lab File: BP001580.D

Acq: 09 Jan 2020 15:32

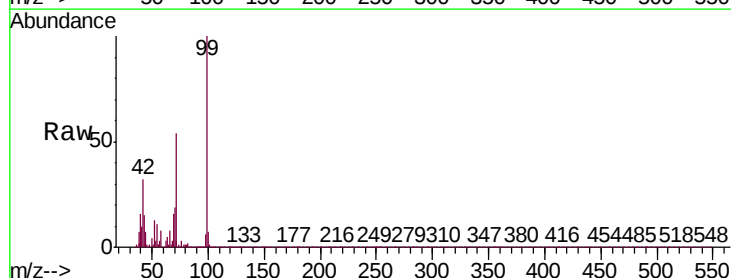
Tgt Ion: 99 Resp: 148930

Ion Ratio Lower Upper

99 100

42 32.5 24.5 36.7

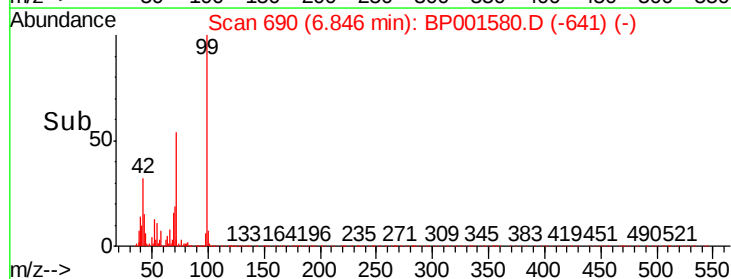
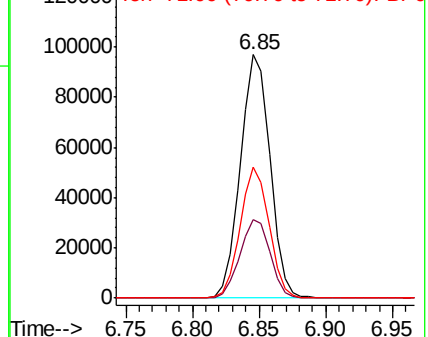
71 53.8 42.4 63.6

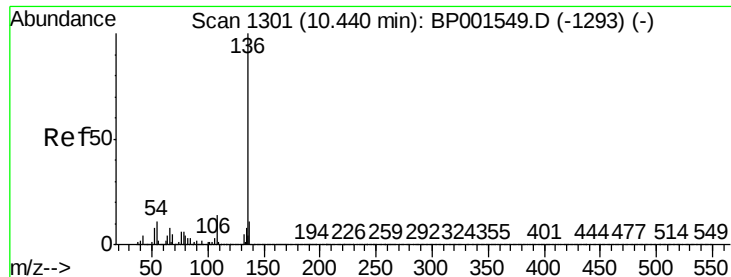


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

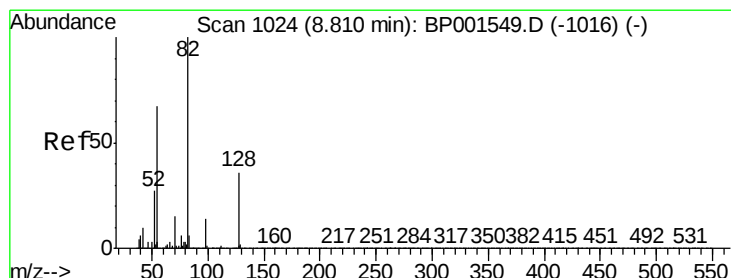
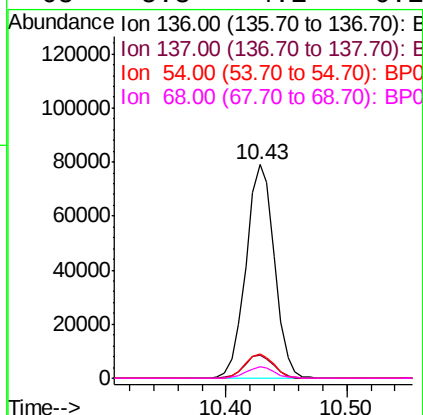
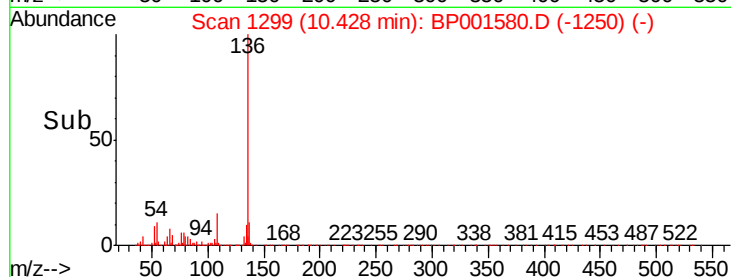
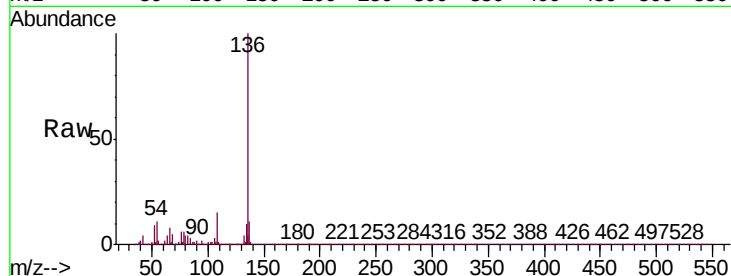




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BP001580.D
Acq: 09 Jan 2020 15:32

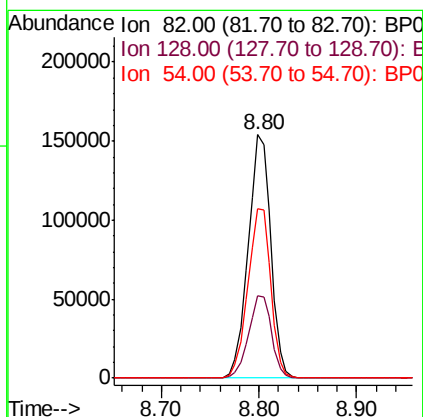
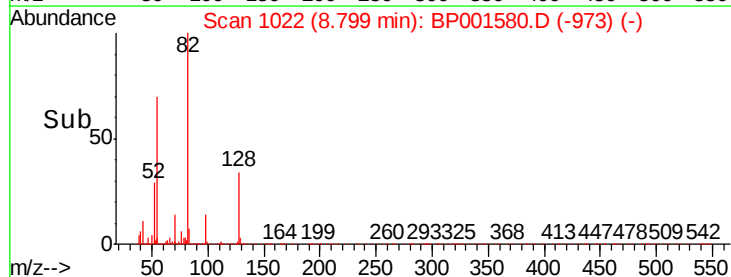
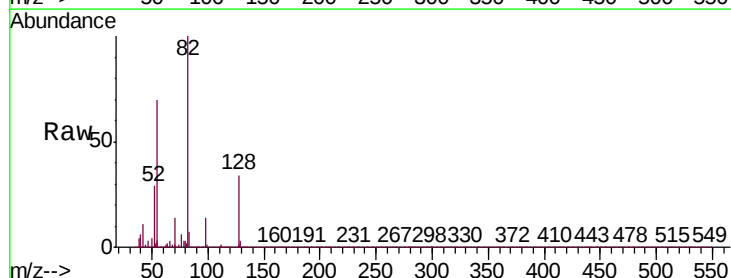
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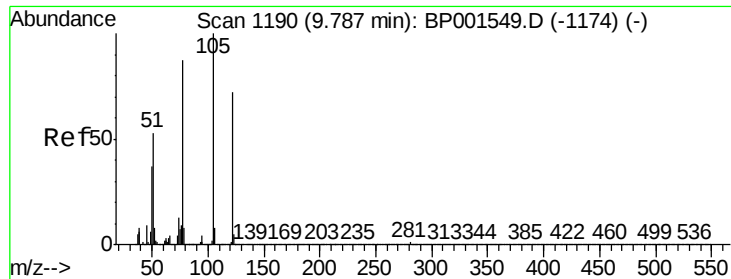
Tgt Ion:	136	Resp:	130055
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	11.4	9.2	13.8
68	5.3	4.1	6.1



#23
Nitrobenzene-d5
Concen: 84.336 ng
RT: 8.80 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BP001580.D
Acq: 09 Jan 2020 15:32

Tgt Ion:	82	Resp:	251006
Ion	Ratio	Lower	Upper
82	100		
128	33.9	28.4	42.6
54	69.7	53.4	80.2





#32

Benzoic acid

Concen: 4.711 ng

RT: 9.54 min Scan# 1148

Delta R.T. -0.25 min

Lab File: BP001580.D

Acq: 09 Jan 2020 15:32

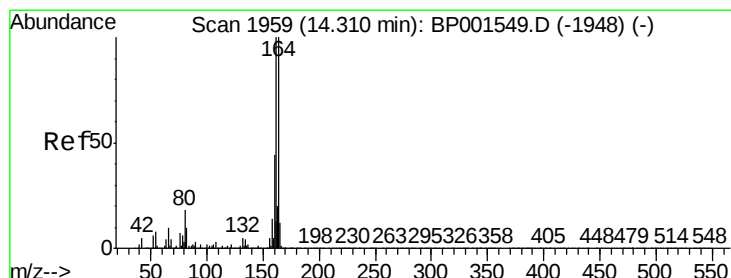
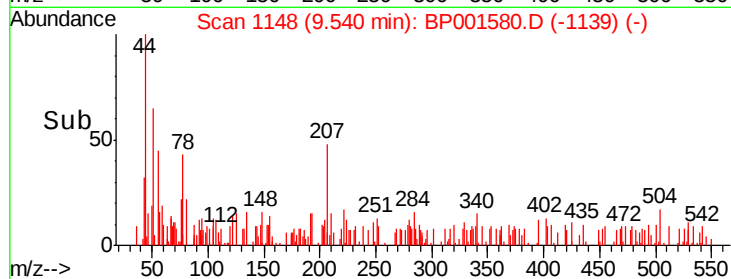
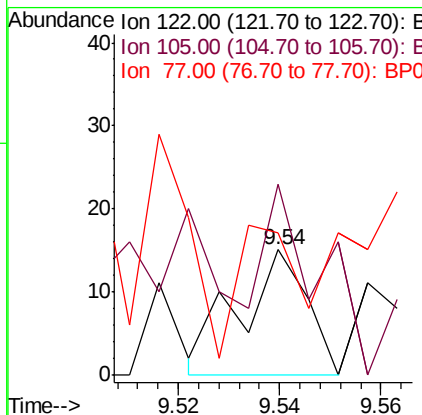
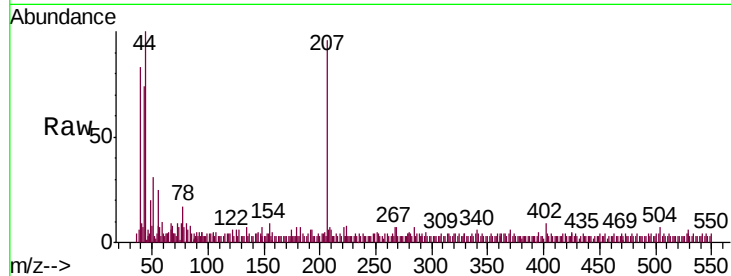
Instrument :

BNA_P

ClientSampleId :

PB125975BL

Tgt Ion:	122	Resp:	14
Ion	Ratio	Lower	Upper
122	100		
105	153.3	119.5	159.5
77	113.3	102.8	142.8



#39

Acenaphthene-d10

Concen: 20.000 ng

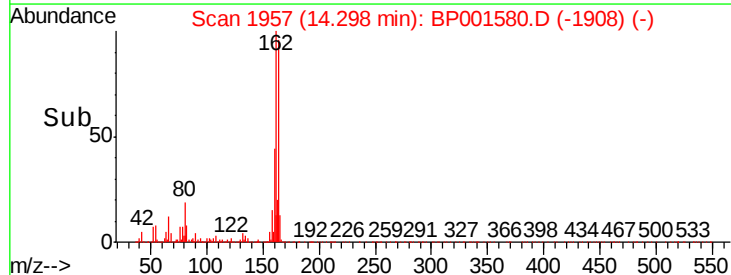
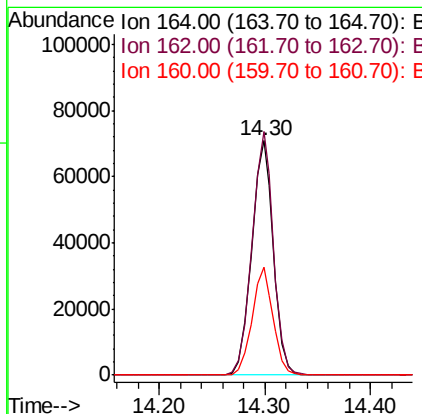
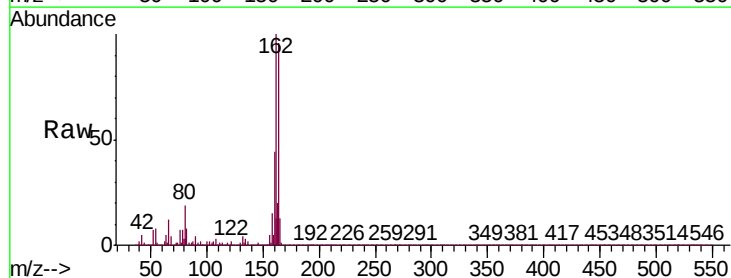
RT: 14.30 min Scan# 1957

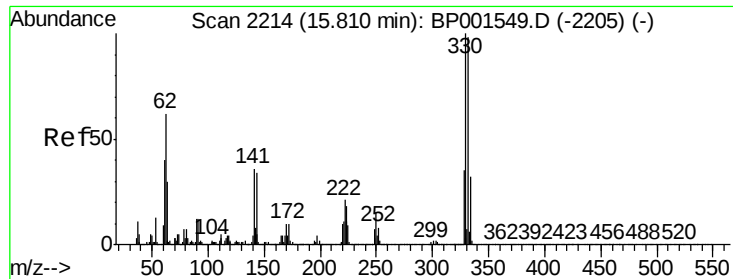
Delta R.T. -0.01 min

Lab File: BP001580.D

Acq: 09 Jan 2020 15:32

Tgt Ion:	164	Resp:	101269
Ion	Ratio	Lower	Upper
164	100		
162	103.8	79.8	119.6
160	45.8	35.0	52.6

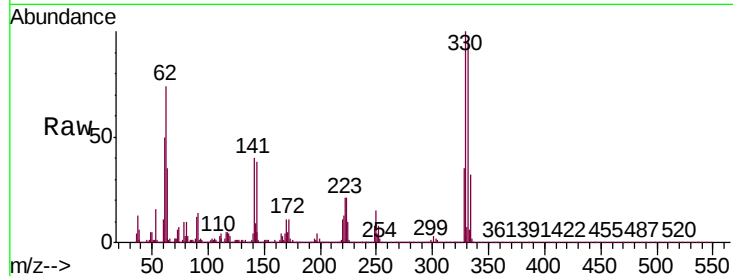




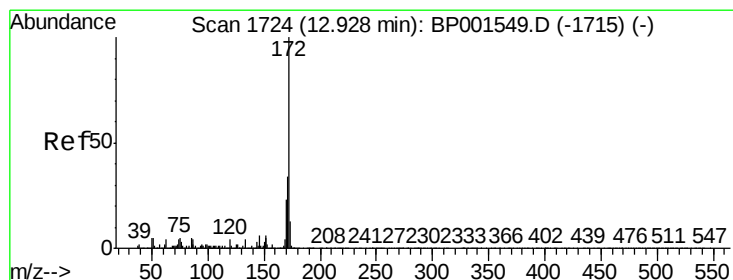
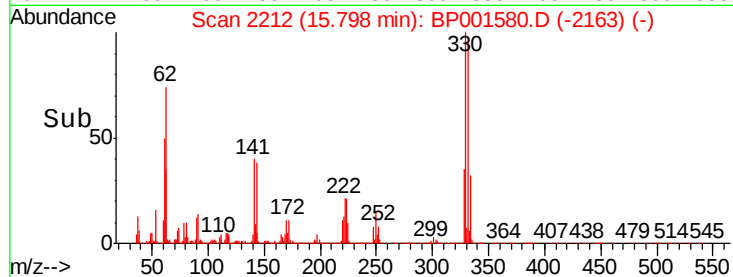
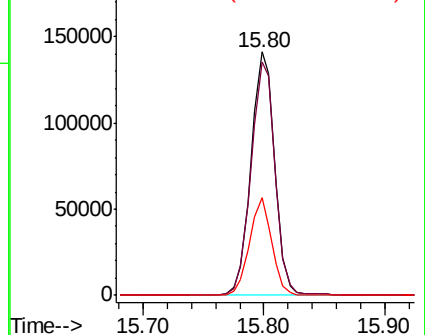
#42
2,4,6-Tribromophenol
Concen: 126.101 ng
RT: 15.80 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BP001580.D
Acq: 09 Jan 2020 15:32

Instrument :
BNA_P
ClientSampleId :
PB125975BL

Tgt Ion:330 Resp: 194386
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.6
141 38.1 28.7 43.1

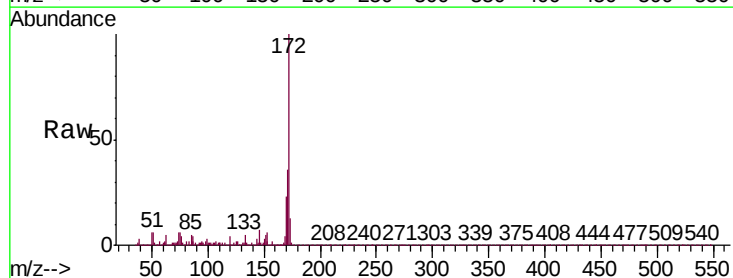


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

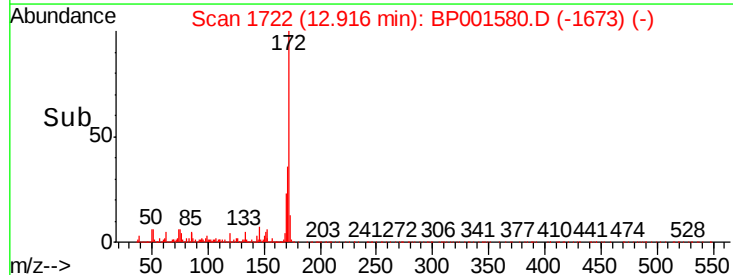
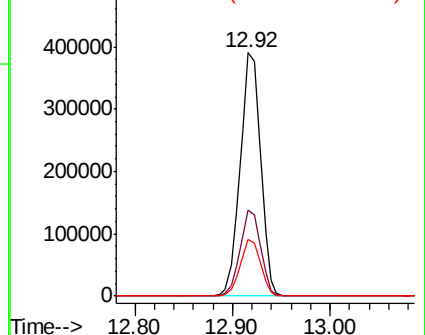


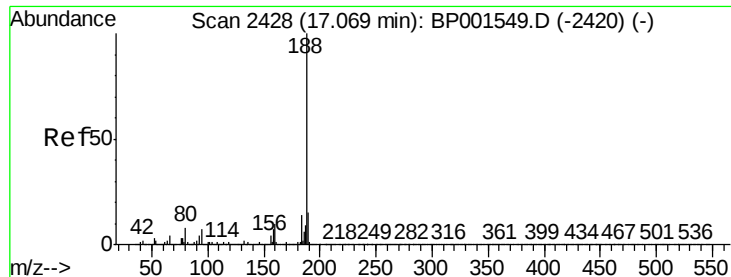
#45
2-Fluorobiphenyl
Concen: 82.952 ng
RT: 12.92 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BP001580.D
Acq: 09 Jan 2020 15:32

Tgt Ion:172 Resp: 571355
Ion Ratio Lower Upper
172 100
171 35.6 27.6 41.4
170 23.5 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

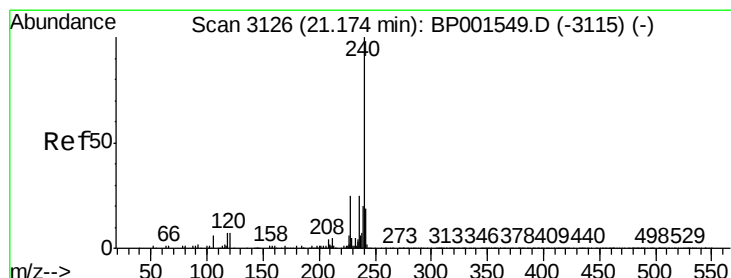
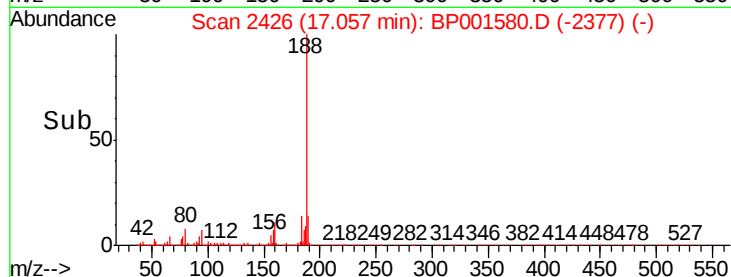
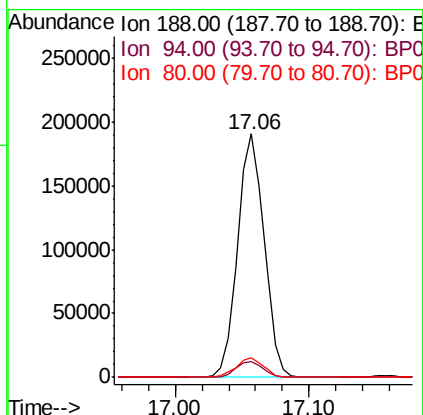
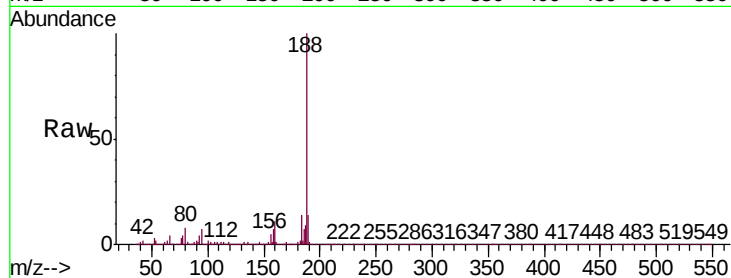




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BP001580.D
Acq: 09 Jan 2020 15:32

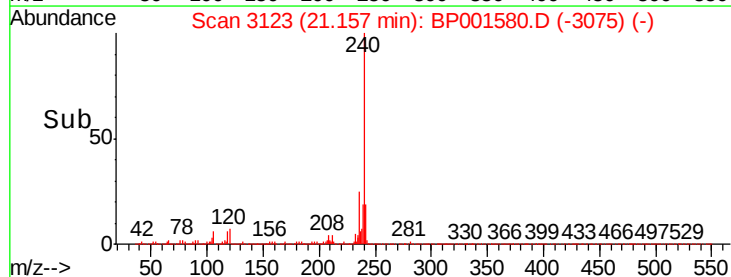
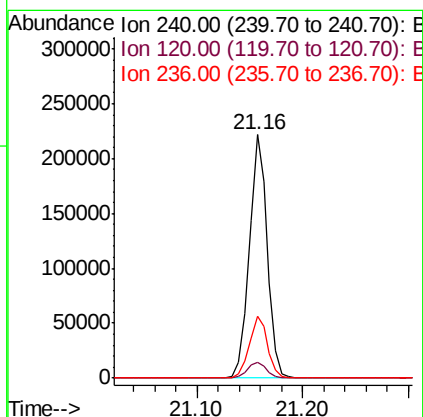
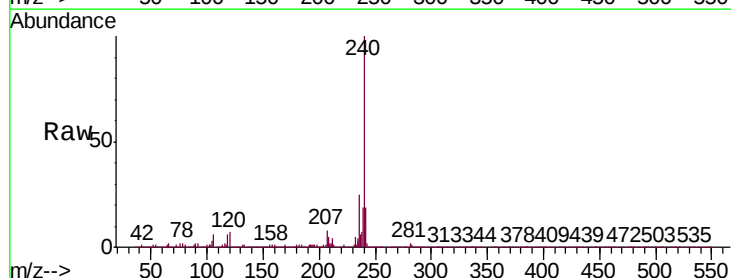
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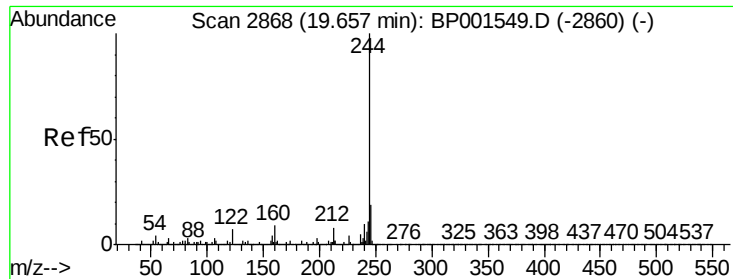
Tgt Ion:188 Resp: 262713
Ion Ratio Lower Upper
188 100
94 6.7 5.9 8.9
80 8.3 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3123
Delta R.T. -0.02 min
Lab File: BP001580.D
Acq: 09 Jan 2020 15:32

Tgt Ion:240 Resp: 260217
Ion Ratio Lower Upper
240 100
120 6.7 5.7 8.5
236 25.5 20.4 30.6





#79

Terphenyl-d14

Concen: 87.625 ng

RT: 19.65 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BP001580.D

Acq: 09 Jan 2020 15:32

Instrument :

BNA_P

ClientSampleId :

PB125975BL

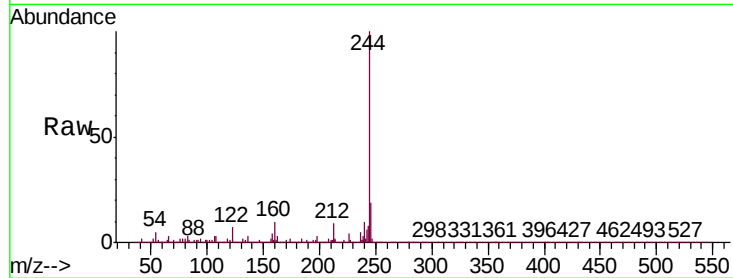
Tgt Ion:244 Resp: 1246638

Ion Ratio Lower Upper

244 100

212 8.6 6.3 9.5

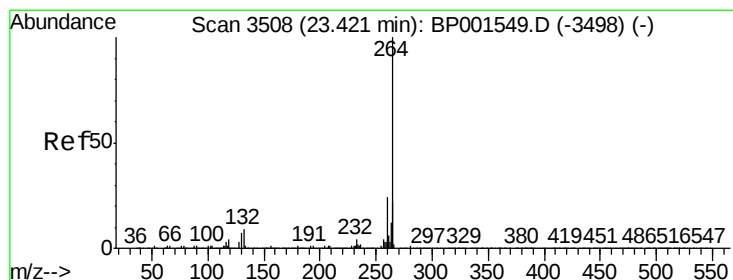
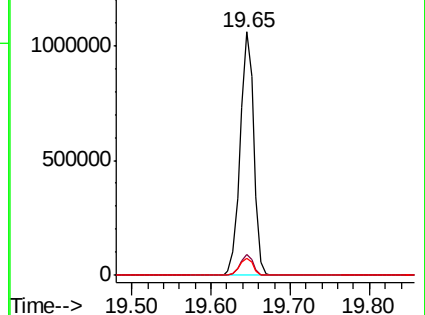
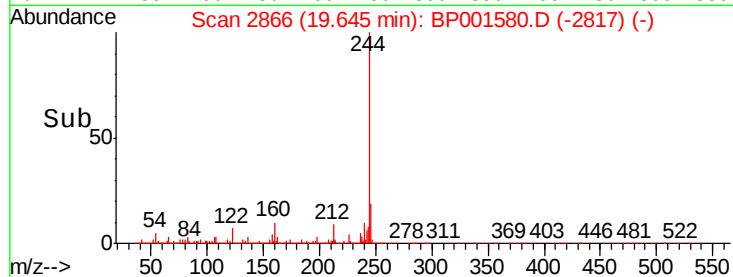
122 7.2 5.8 8.6



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: 23.40 min Scan# 3504

Delta R.T. -0.02 min

Lab File: BP001580.D

Acq: 09 Jan 2020 15:32

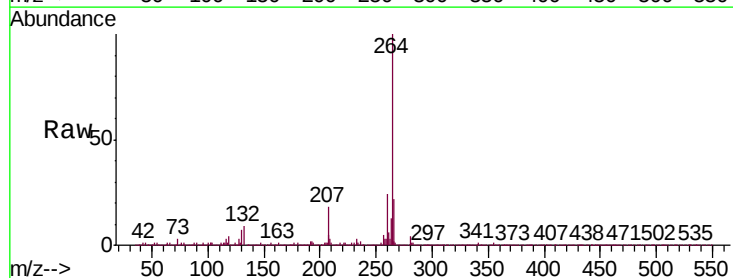
Tgt Ion:264 Resp: 241385

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.8 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

