

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082720\
 Data File : BP003145.D
 Acq On : 27 Aug 2020 22:39
 Operator : CG/JU
 Sample : L3498-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-082620

Quant Time: Aug 28 00:52:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

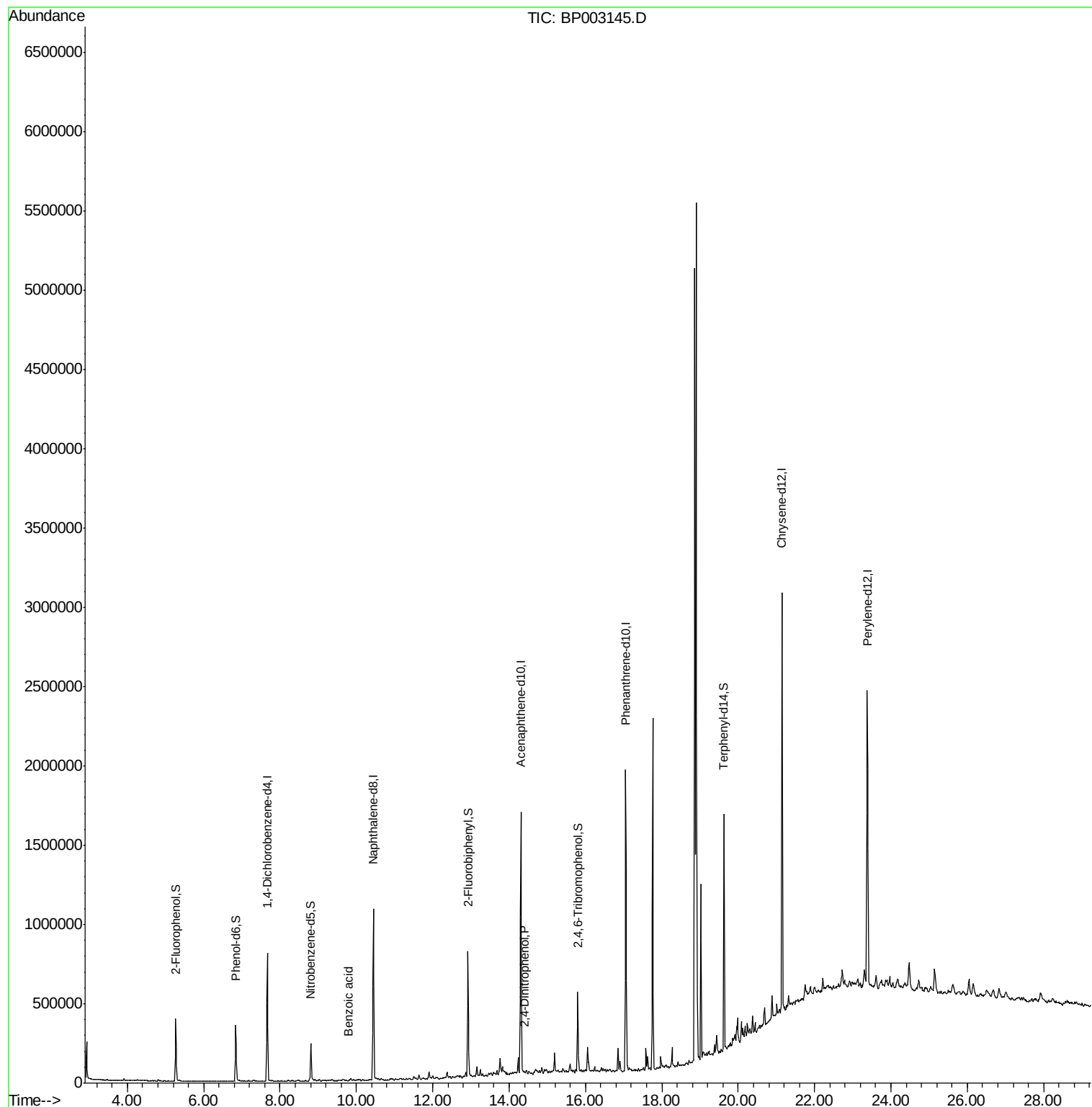
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	246017	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	987577	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	601161	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1251911	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	1273566	20.00	ng	-0.01
86) Perylene-d12	23.38	264	1412144	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	208921	15.01	ng	0.00
7) Phenol-d6	6.84	99	252046	14.45	ng	0.00
23) Nitrobenzene-d5	8.80	82	143398	10.47	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	117424	14.44	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	469609	11.44	ng	0.00
79) Terphenyl-d14	19.63	244	659390	11.39	ng	-0.01
Target Compounds						
32) Benzoic acid	9.78	122	94	9.005	ng	# 1
54) 2,4-Dinitrophenol	14.39	184	18	7.758	ng	# 1

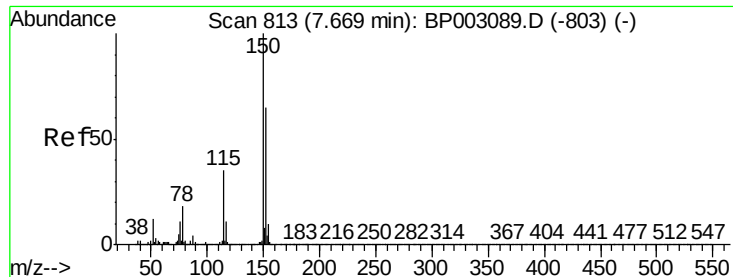
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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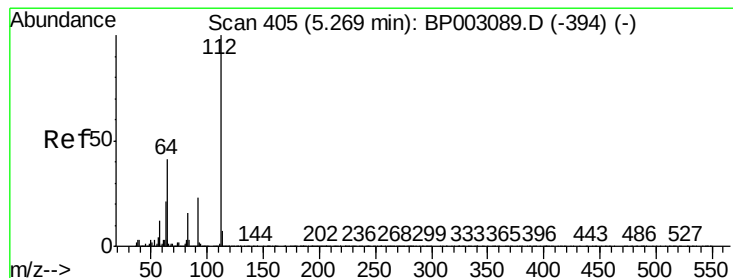
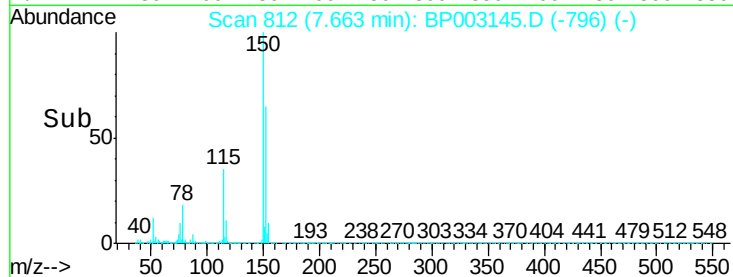
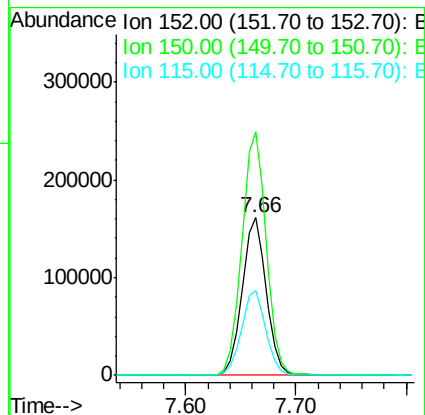
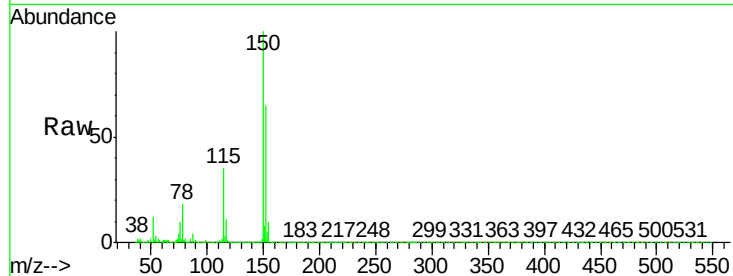


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003145.D
Acq: 27 Aug 2020 22:39

Instrument :
BNA_P
ClientSampleId :
HR-06-082620

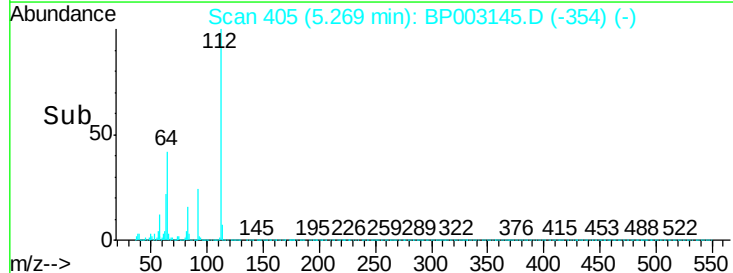
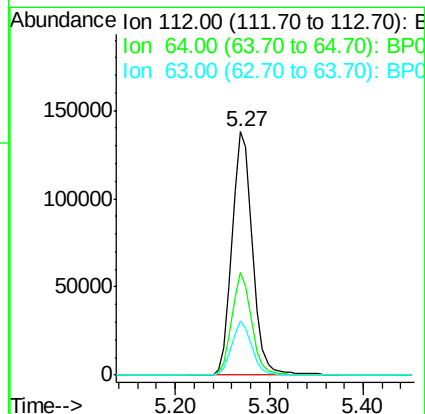
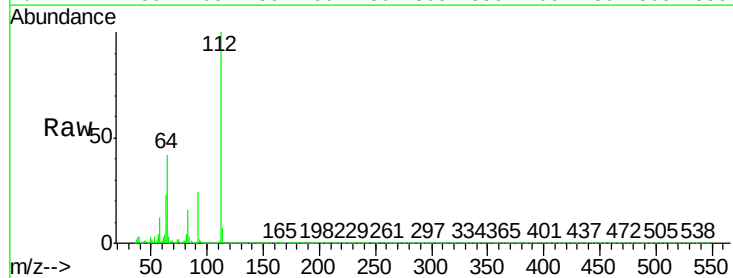
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.1	184.7
115	53.6	42.8	64.2

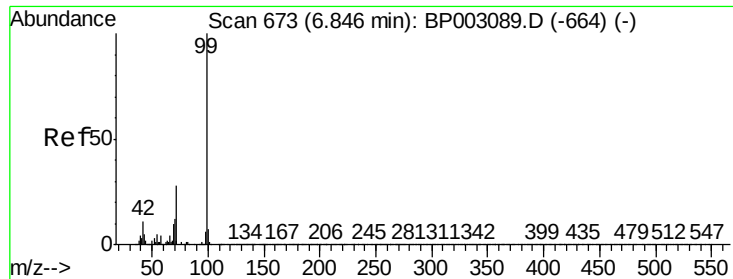


#5

2-Fluorophenol
Concen: 15.014 ng
RT: 5.27 min Scan# 405
Delta R.T. 0.00 min
Lab File: BP003145.D
Acq: 27 Aug 2020 22:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.4	33.0	49.6
63	22.5	16.9	25.3





#7

Phenol-d6

Concen: 14.450 ng

RT: 6.84 min Scan# 672

Delta R.T. -0.01 min

Lab File: BP003145.D

Acq: 27 Aug 2020 22:39

Instrument :

BNA_P

ClientSampleId :

HR-06-082620

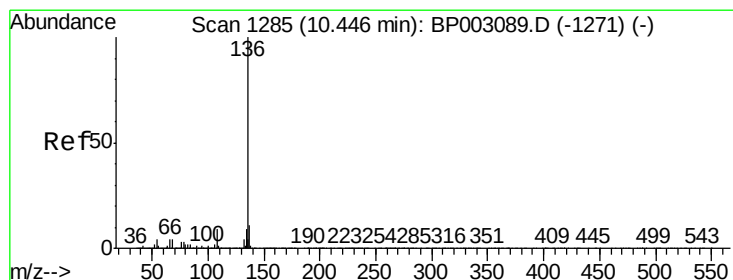
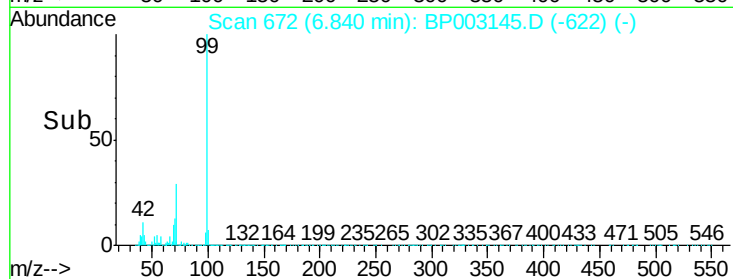
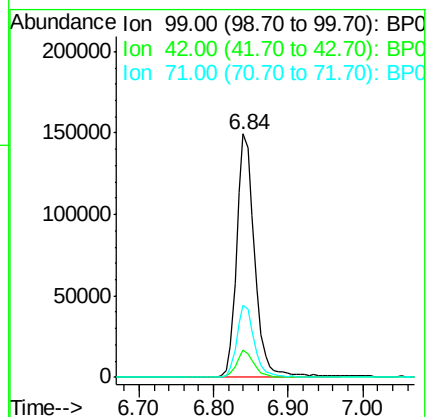
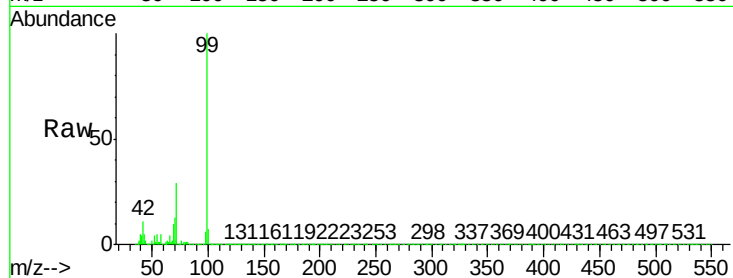
Tot Ion: 99 Resp: 252046

Ion Ratio Lower Upper

99 100

42 11.3 8.5 12.7

71 29.5 22.8 34.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BP003145.D

Acq: 27 Aug 2020 22:39

Tgt Ion: 136 Resp: 987577

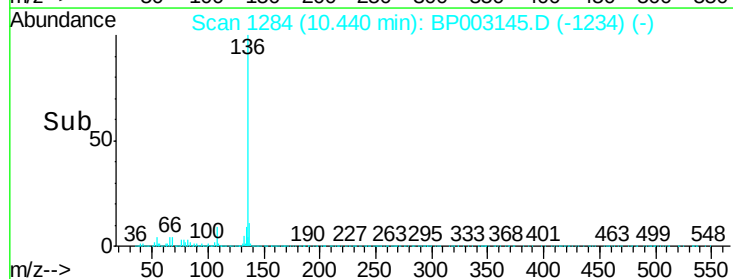
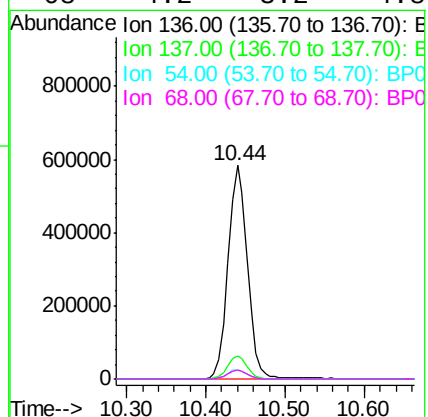
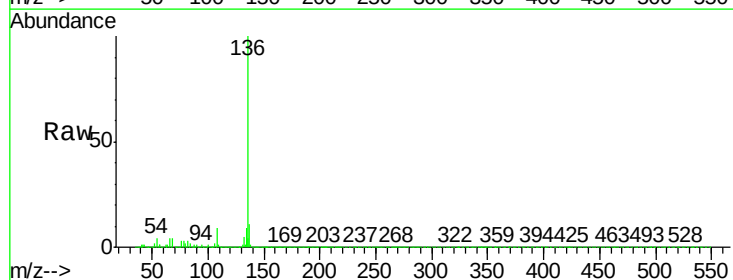
Ion Ratio Lower Upper

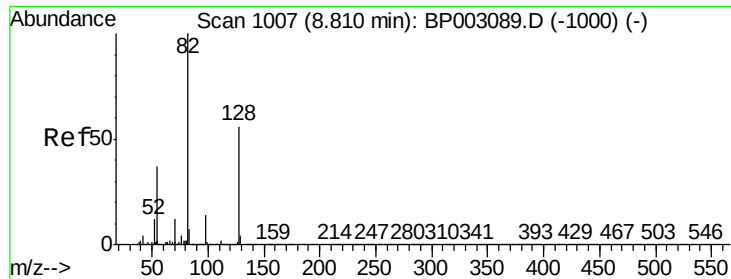
136 100

137 10.8 8.8 13.2

54 4.5 3.5 5.3

68 4.2 3.2 4.8

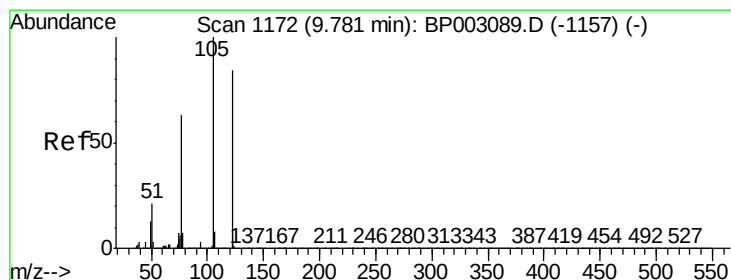
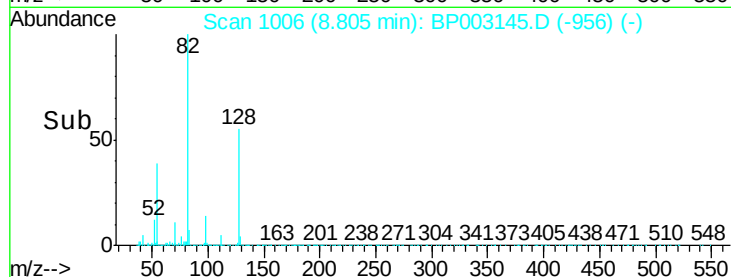
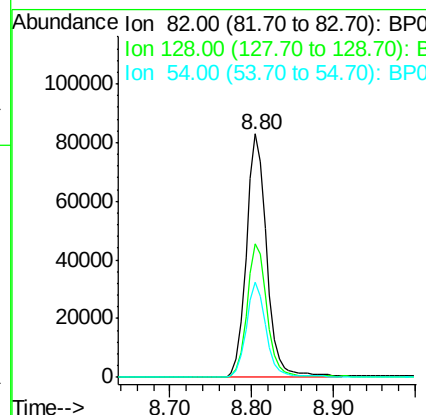
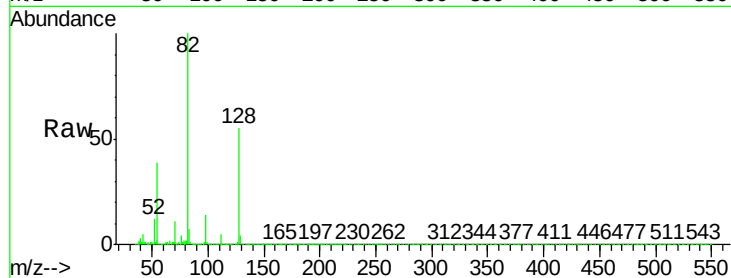




#23
Nitrobenzene-d5
Concen: 10.468 ng
RT: 8.80 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BP003145.D
Acq: 27 Aug 2020 22:39

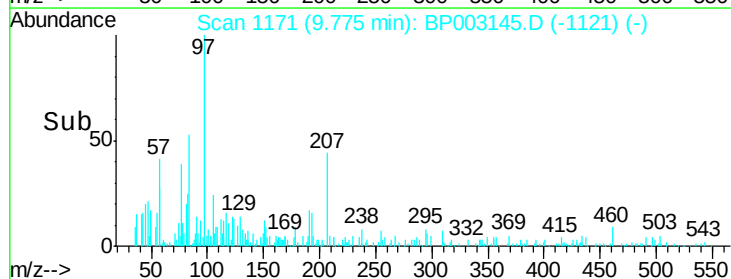
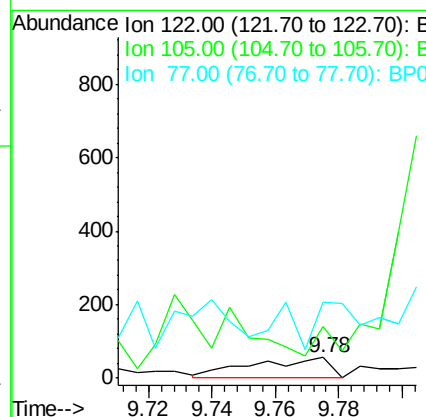
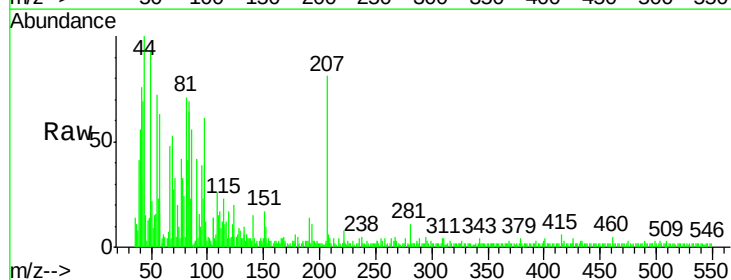
Instrument :
BNA_P
ClientSampleId :
HR-06-082620

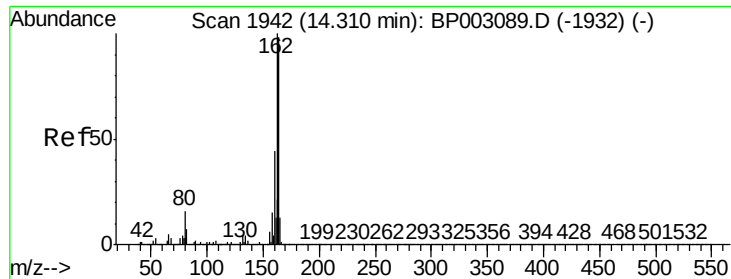
Tot Ion: 82 Resp: 143398
Ion Ratio Lower Upper
82 100
128 54.8 44.9 67.3
54 39.1 29.4 44.2



#32
Benzoic acid
Concen: 9.005 ng
RT: 9.78 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BP003145.D
Acq: 27 Aug 2020 22:39

Tgt Ion: 122 Resp: 94
Ion Ratio Lower Upper
122 100
105 250.0 98.1 138.1#
77 371.4 55.3 95.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BP003145.D

Acq: 27 Aug 2020 22:39

Instrument :

BNA_P

ClientSampleId :

HR-06-082620

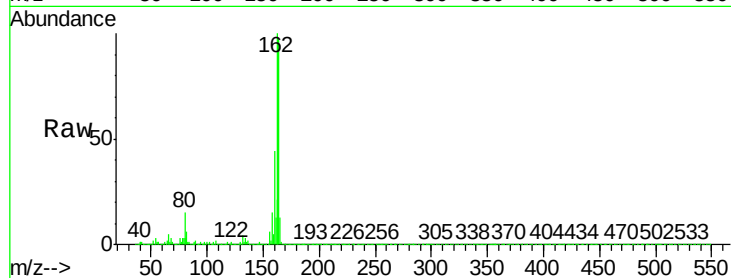
Tot Ion:164 Resp: 601161

Ion Ratio Lower Upper

164 100

162 102.6 81.2 121.8

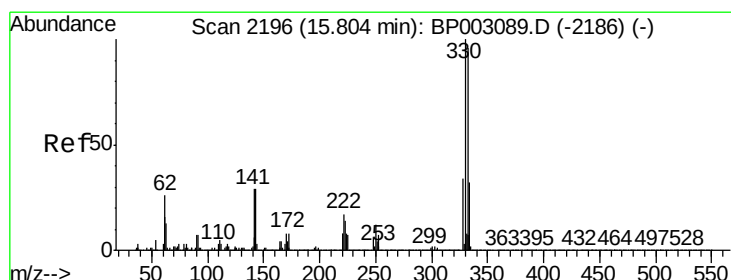
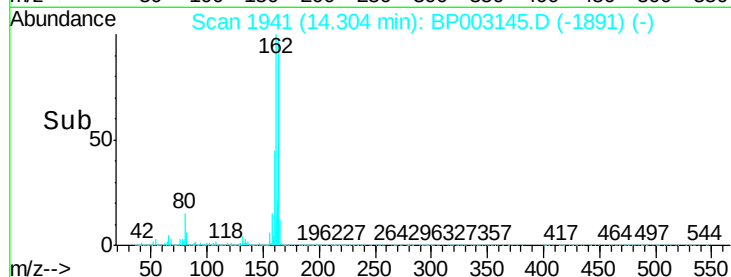
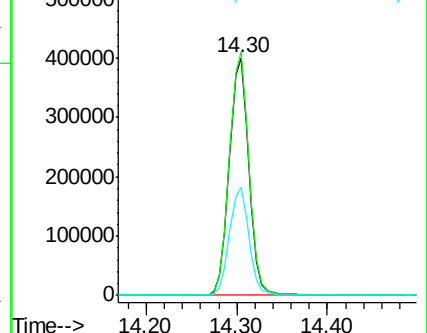
160 45.6 36.0 54.0



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: 14.442 ng

RT: 15.80 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BP003145.D

Acq: 27 Aug 2020 22:39

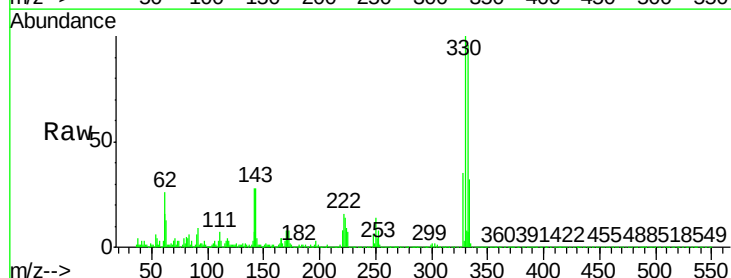
Tgt Ion:330 Resp: 117424

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

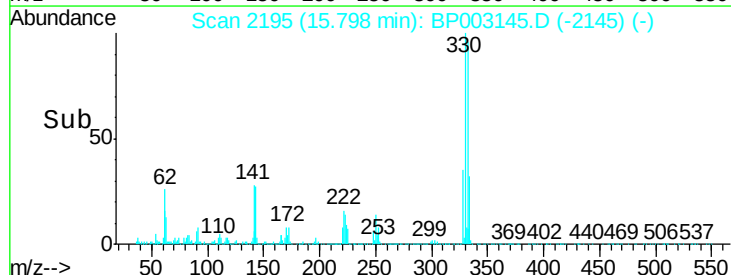
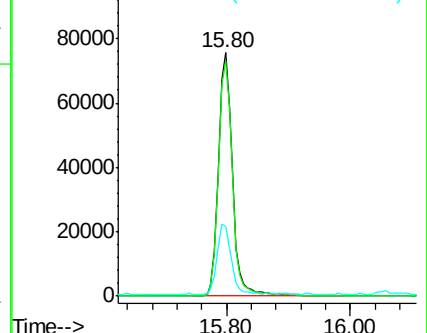
141 28.1 24.4 36.6

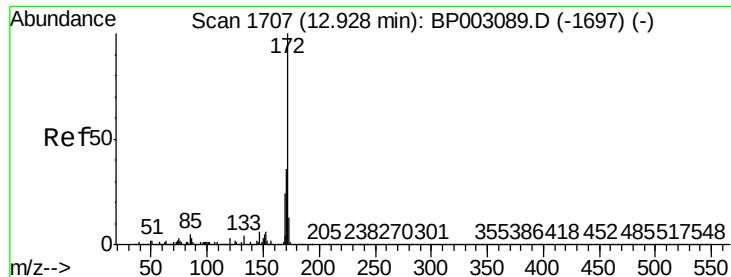


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

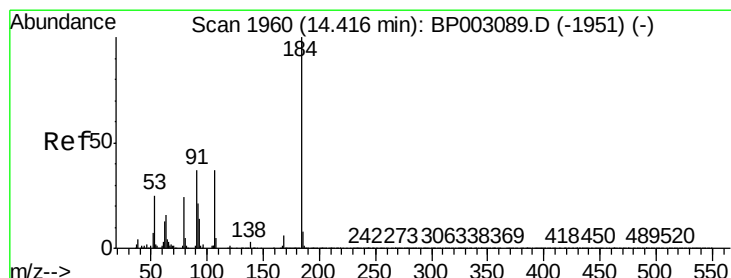
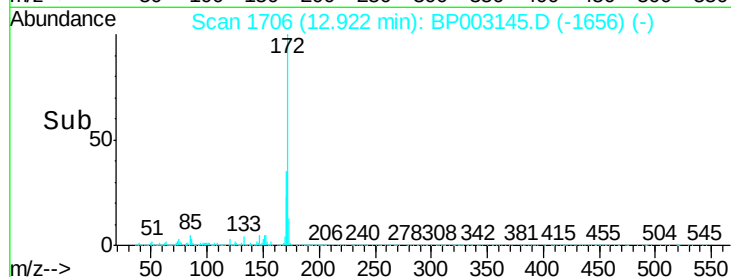
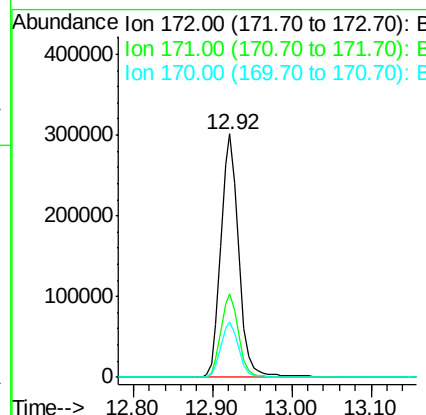
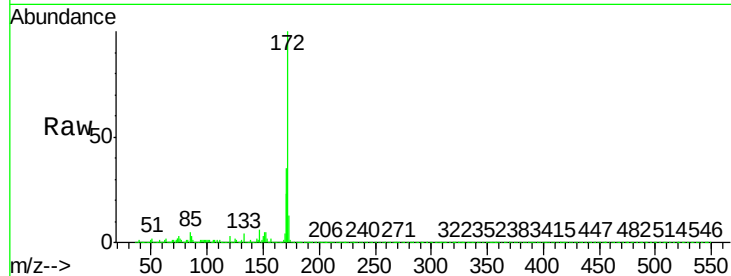




#45
2-Fluorobiphenyl
Concen: 11.440 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003145.D
Acq: 27 Aug 2020 22:39

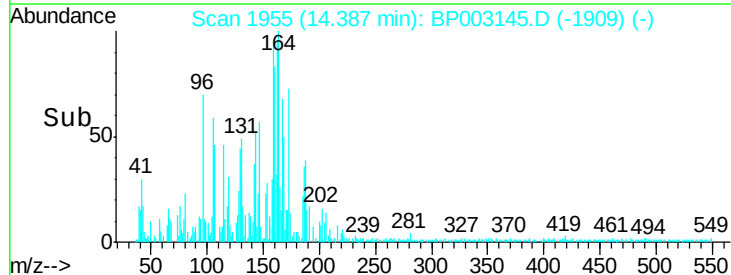
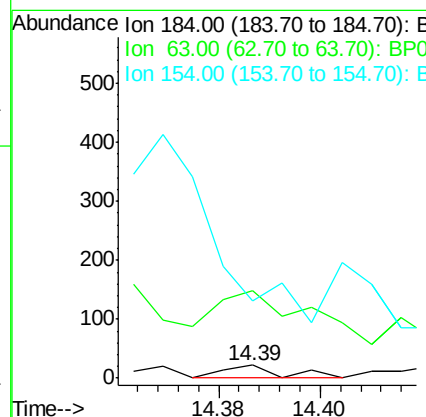
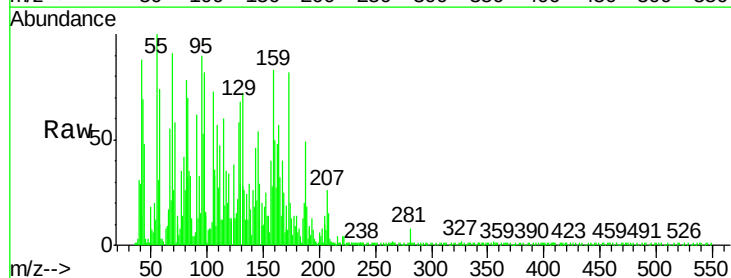
Instrument :
BNA_P
ClientSampleId :
HR-06-082620

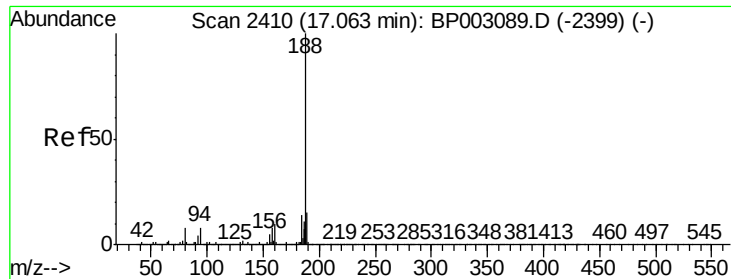
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.7	43.1
170	22.9	19.0	28.4



#54
2,4-Dinitrophenol
Concen: 7.758 ng
RT: 14.39 min Scan# 1955
Delta R.T. -0.03 min
Lab File: BP003145.D
Acq: 27 Aug 2020 22:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	672.7	32.0	48.0#
154	600.0	48.2	72.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BP003145.D

Acq: 27 Aug 2020 22:39

Instrument :

BNA_P

ClientSampled :

HR-06-082620

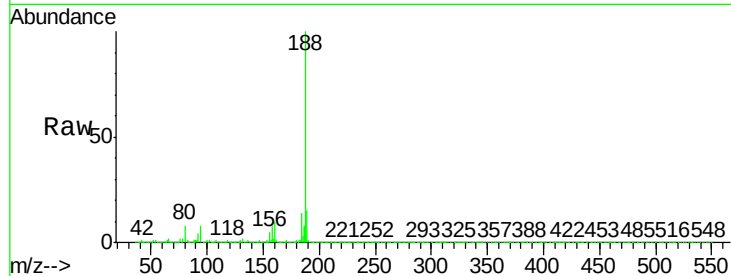
Tot Ion:188 Resp: 1251911

Ion Ratio Lower Upper

188 100

94 7.9 6.2 9.4

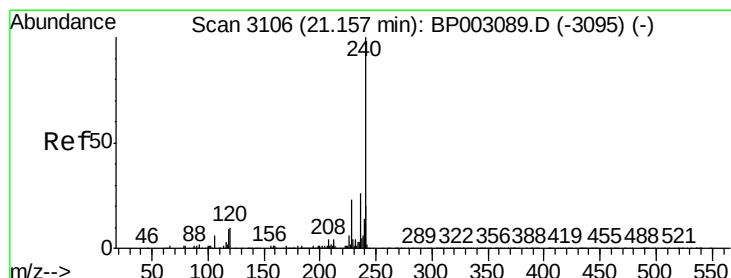
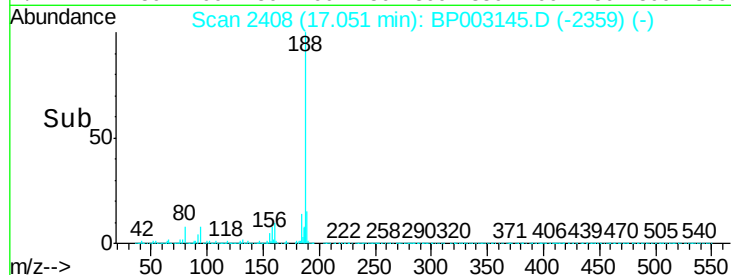
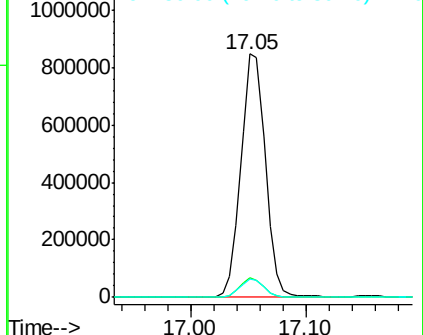
80 7.5 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BP003145.D

Acq: 27 Aug 2020 22:39

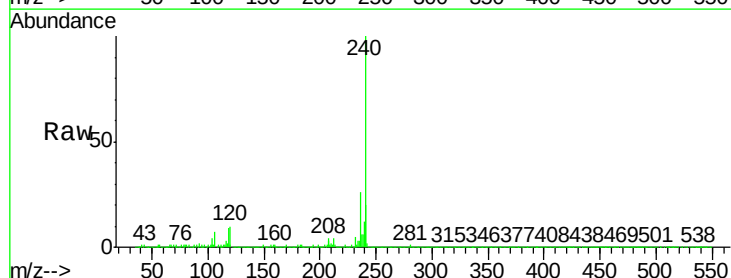
Tgt Ion:240 Resp: 1273566

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

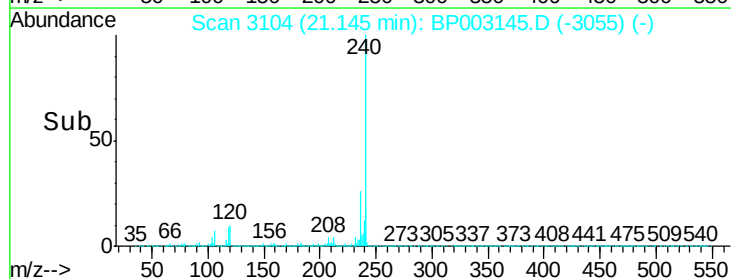
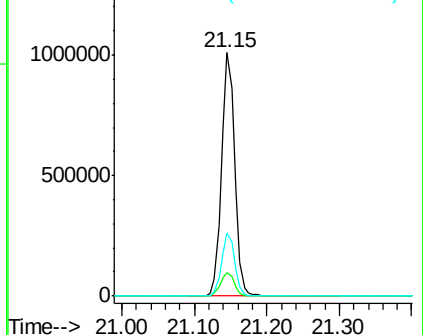
236 26.2 20.6 31.0

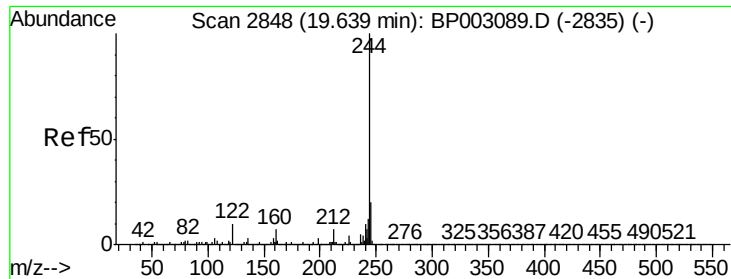


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 11.393 ng

RT: 19.63 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BP003145.D

Acq: 27 Aug 2020 22:39

Instrument :

BNA_P

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HR-06-082620

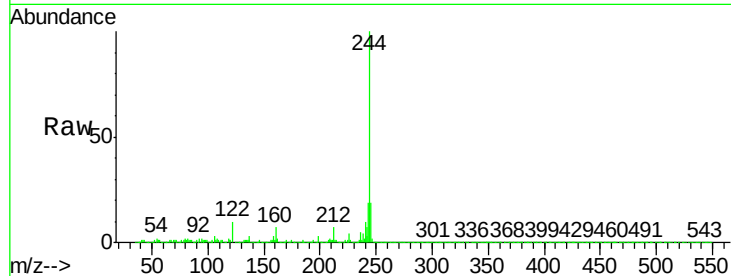
Tot Ion:244 Resp: 659390

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

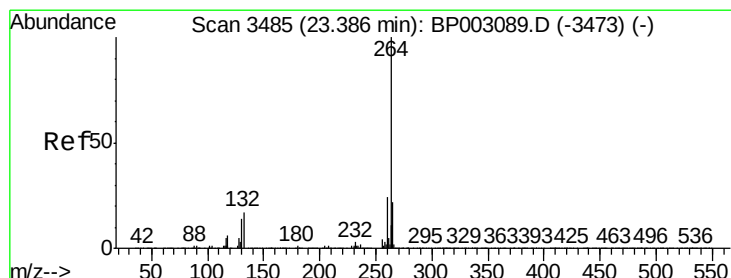
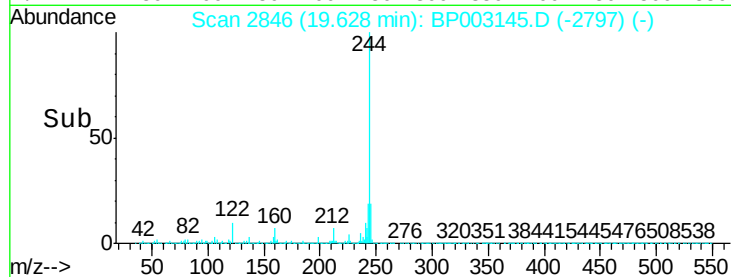
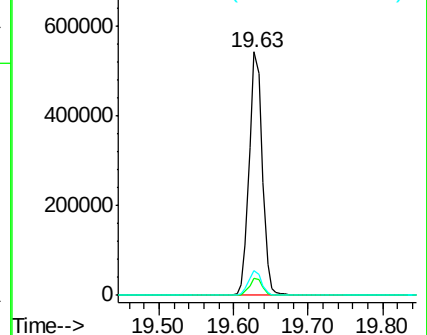
122 10.3 7.7 11.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.38 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BP003145.D

Acq: 27 Aug 2020 22:39

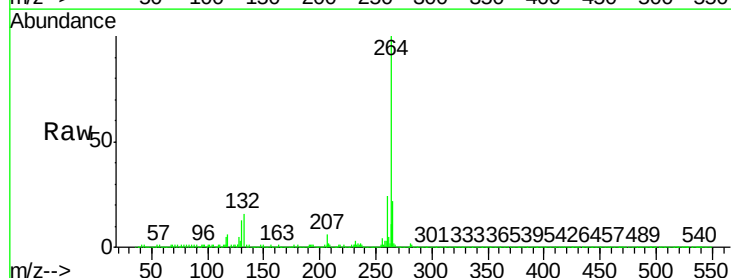
Tgt Ion:264 Resp: 1412144

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.9 17.7 26.5



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

