

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001434.D
 Acq On : 26 Dec 2019 21:25
 Operator : JU
 Sample : K6438-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DUNR-BF004-01

Quant Time: Dec 27 08:21:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

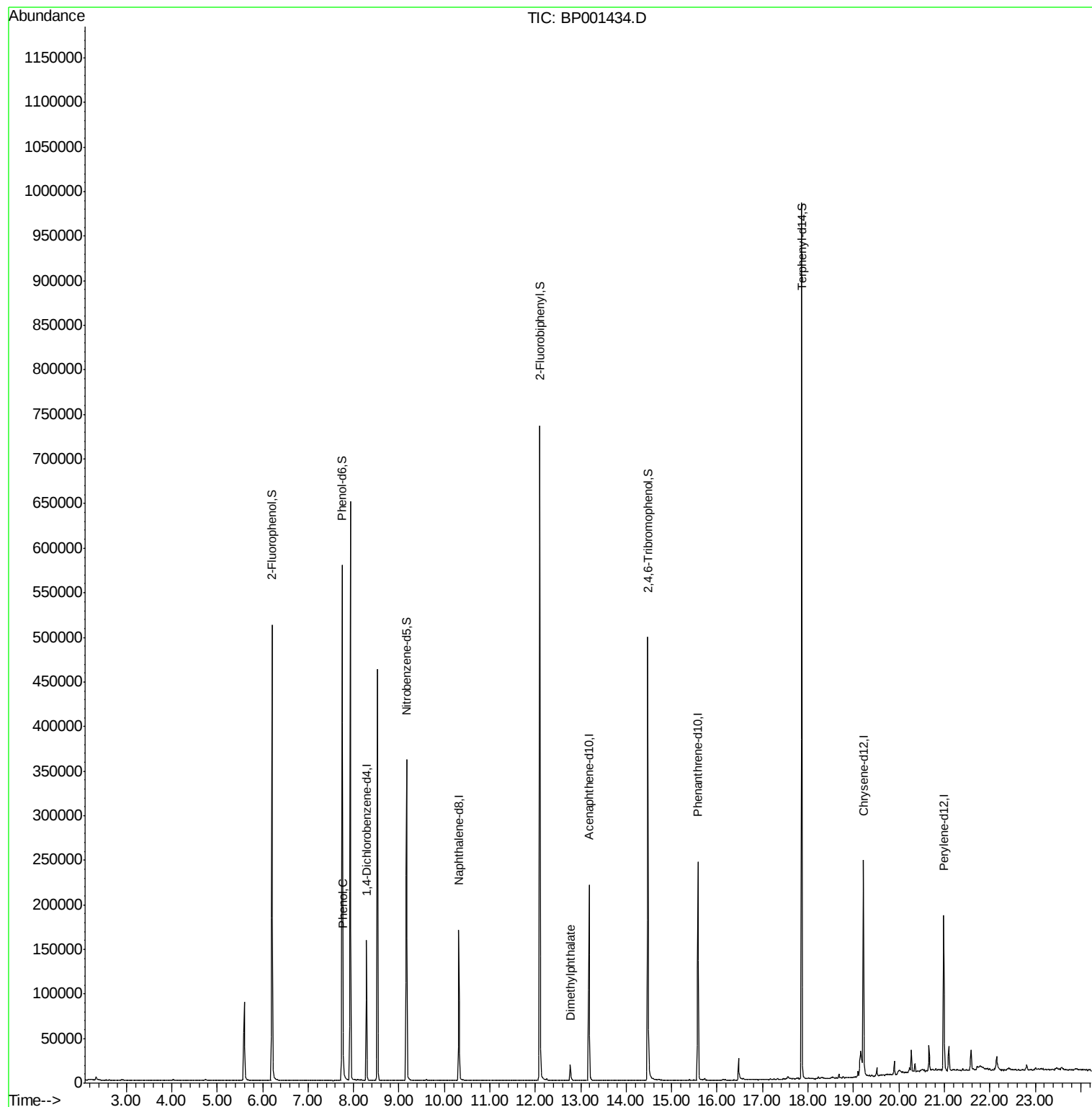
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	27792	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	95652	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	59551	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	116688	20.00	ng	0.00
76) Chrysene-d12	19.22	240	89538	20.00	ng	0.00
87) Perylene-d12	20.99	264	92525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	149979	87.22	ng	0.00
7) Phenol-d6	7.75	99	207451	92.45	ng	0.00
23) Nitrobenzene-d5	9.17	82	143312	57.54	ng	0.00
42) 2,4,6-Tribromophenol	14.47	330	69110	92.82	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	280519	59.56	ng	0.00
79) Terphenyl-d14	17.86	244	364176	69.66	ng	0.00
Target Compounds						
10) Phenol	7.77	94	5923	2.310	ng	95
50) Dimethylphthalate	12.77	163	9976	2.042	ng	96

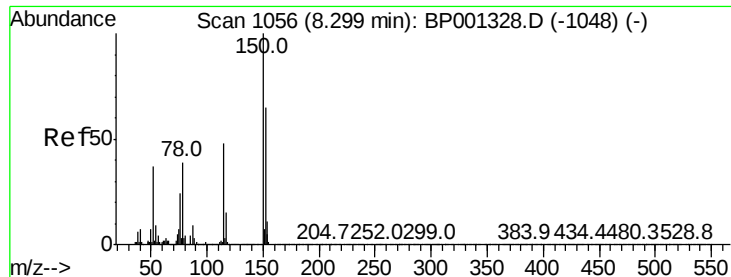
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BP001434.D

Acq: 26 Dec 2019 21:25

Instrument :

BNA_P

ClientSampleId :

DUNR-BF004-01

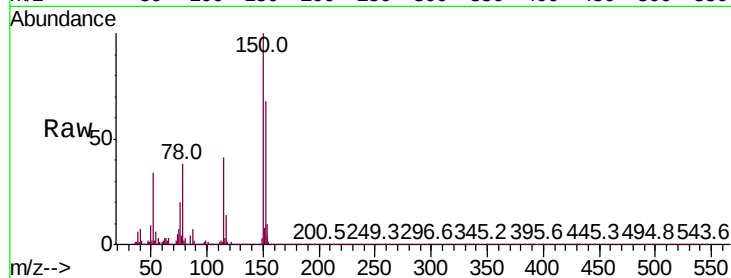
Tot Ion:152 Resp: 27792

Ion Ratio Lower Upper

152 100

150 146.3 127.0 190.6

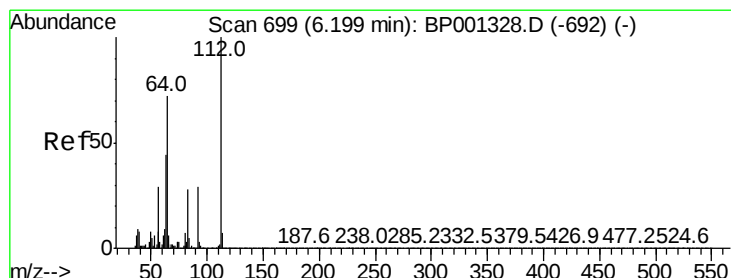
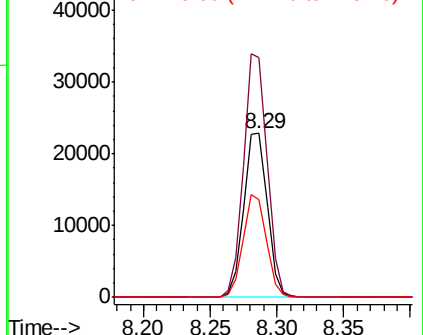
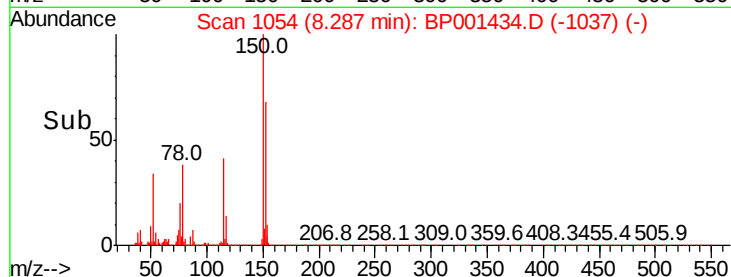
115 59.5 56.1 84.1



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: 87.217 ng

RT: 6.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BP001434.D

Acq: 26 Dec 2019 21:25

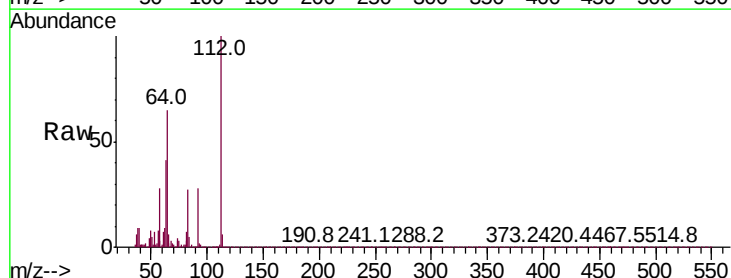
Tgt Ion:112 Resp: 149979

Ion Ratio Lower Upper

112 100

64 65.2 53.9 80.9

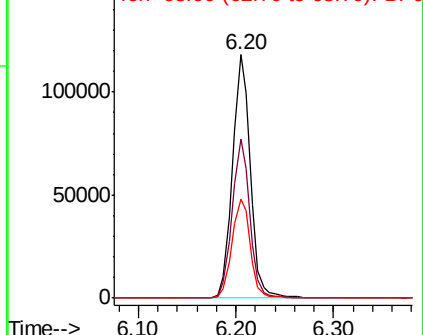
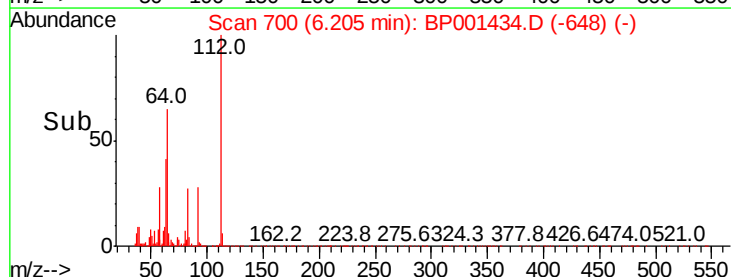
63 40.7 33.4 50.0

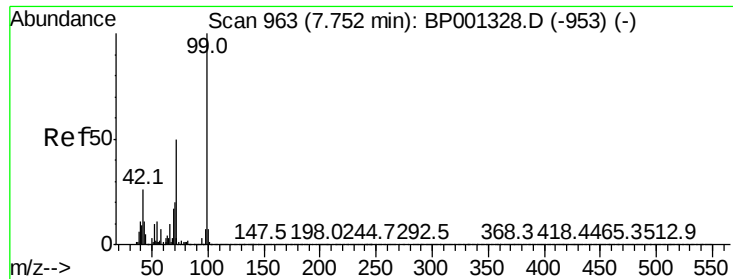


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 92.453 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001434.D

Acq: 26 Dec 2019 21:25

Instrument :

BNA_P

ClientSampleId :

DUNR-BF004-01

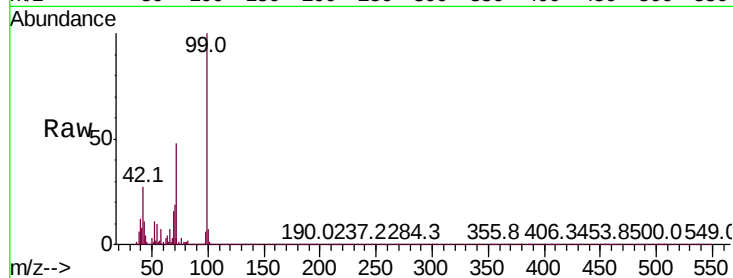
Tot Ion: 99 Resp: 207451

Ion Ratio Lower Upper

99 100

42 26.7 20.8 31.2

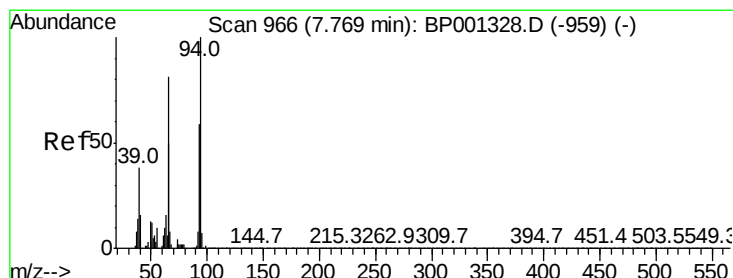
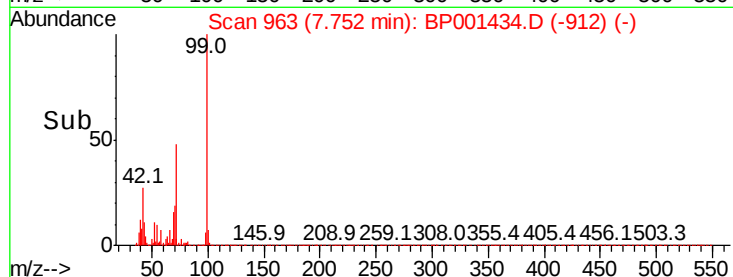
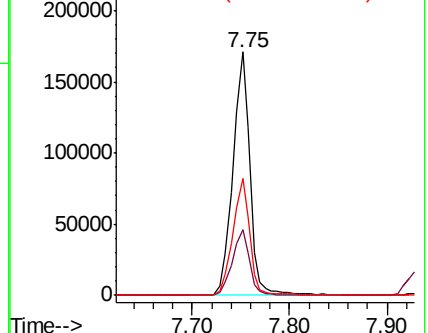
71 48.2 38.2 57.4



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



#10

Phenol

Concen: 2.310 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BP001434.D

Acq: 26 Dec 2019 21:25

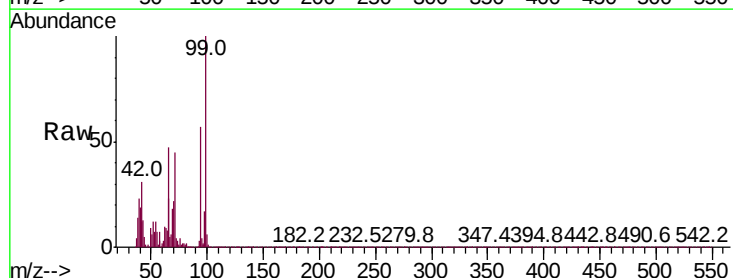
Tgt Ion: 94 Resp: 5923

Ion Ratio Lower Upper

94 100

65 40.7 29.6 69.6

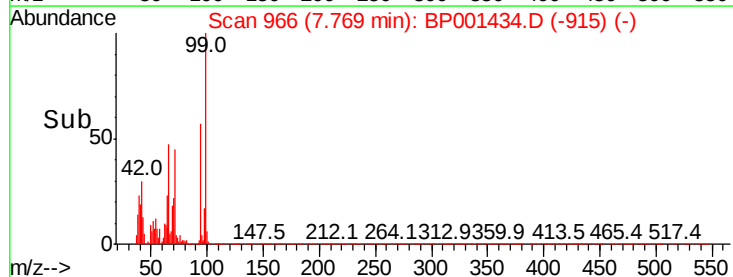
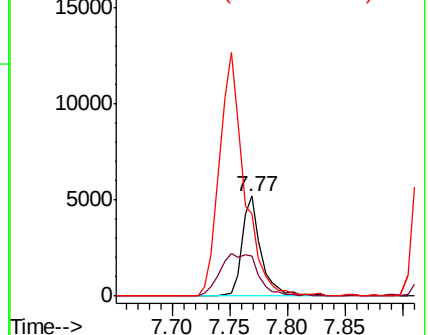
66 82.2 62.3 102.3

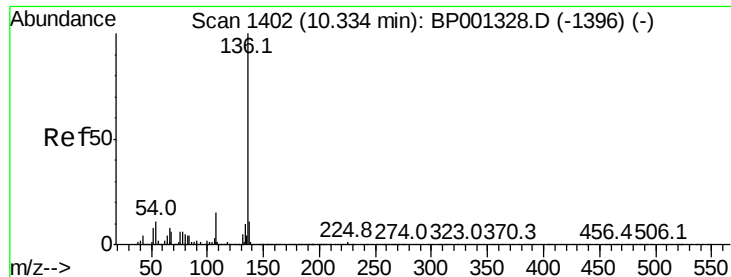


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

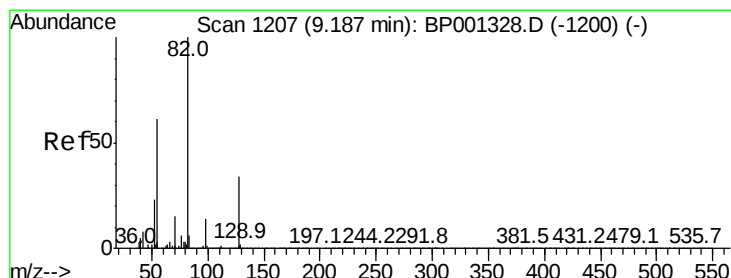
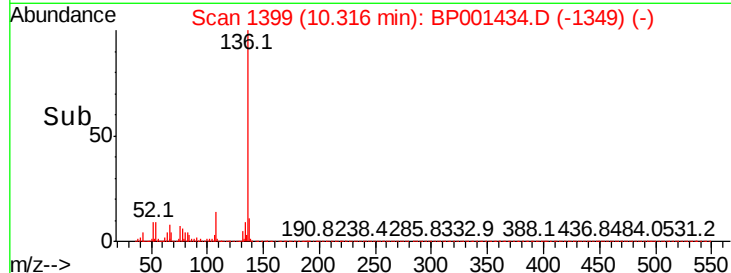
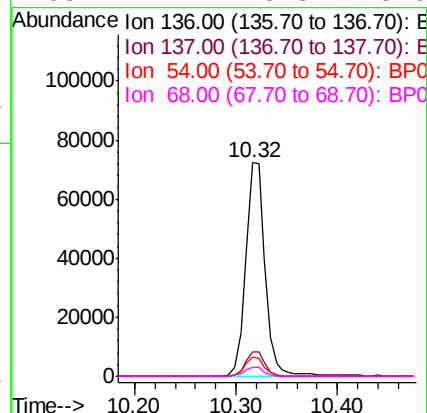
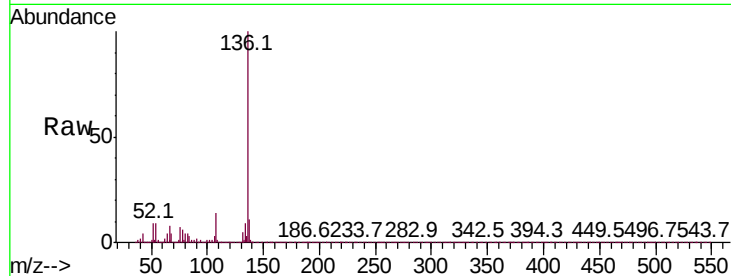




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001434.D
Acq: 26 Dec 2019 21:25

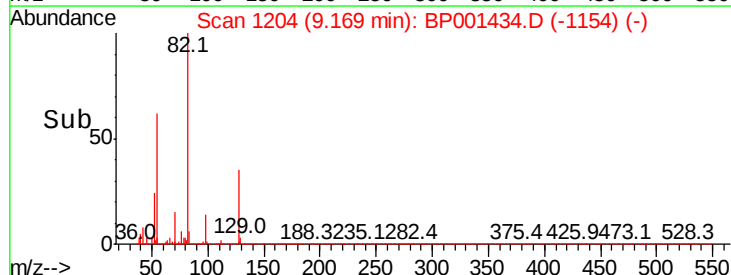
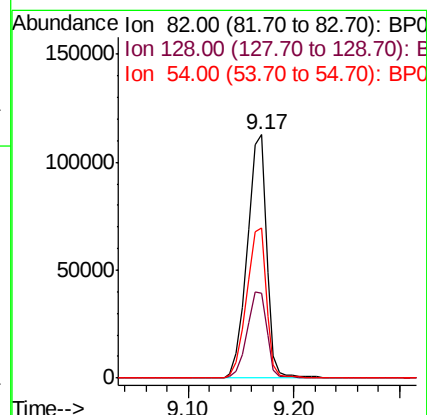
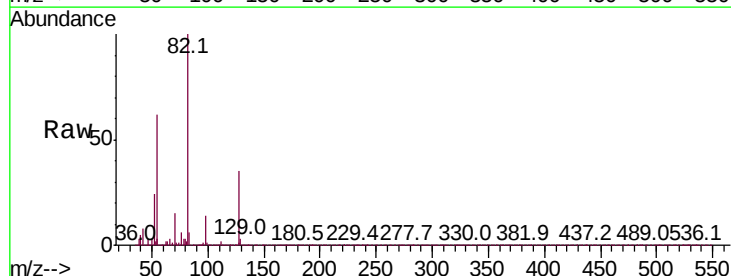
Instrument :
BNA_P
ClientSampleId :
DUNR-BF004-01

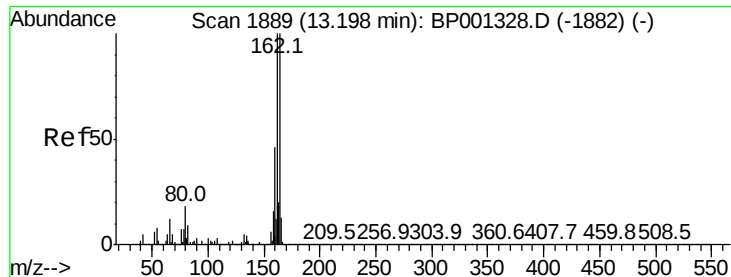
Tot Ion:	136	Resp:	95652
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	9.2	7.3	10.9
68	4.1	3.8	5.6



#23
Nitrobenzene-d5
Concen: 57.535 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001434.D
Acq: 26 Dec 2019 21:25

Tgt Ion:	82	Resp:	143312
Ion	Ratio	Lower	Upper
82	100		
128	35.1	27.4	41.0
54	61.8	47.5	71.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BP001434.D

Acq: 26 Dec 2019 21:25

Instrument :

BNA_P

ClientSampleId :

DUNR-BF004-01

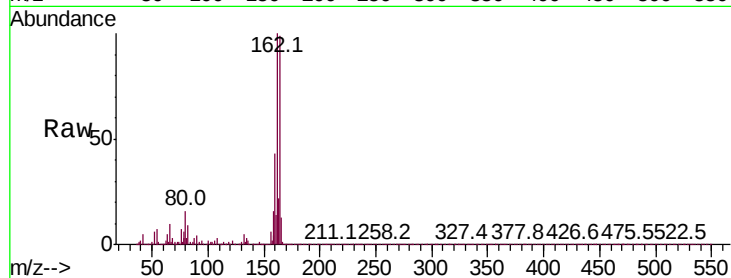
Tot Ion:164 Resp: 59551

Ion Ratio Lower Upper

164 100

162 101.4 78.2 117.4

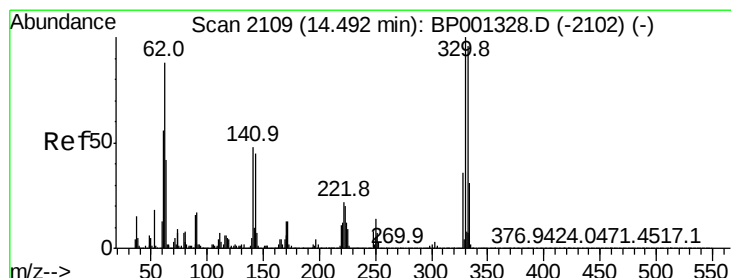
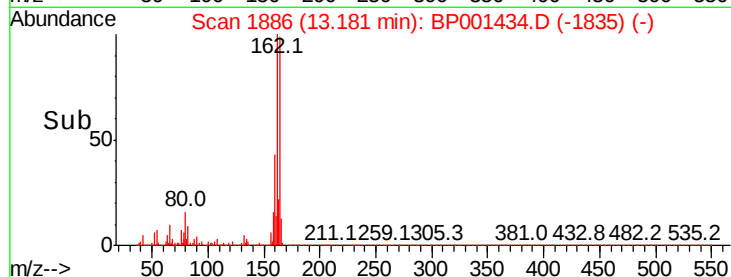
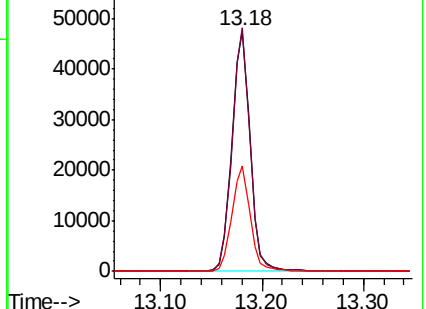
160 43.7 35.1 52.7



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: 92.824 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BP001434.D

Acq: 26 Dec 2019 21:25

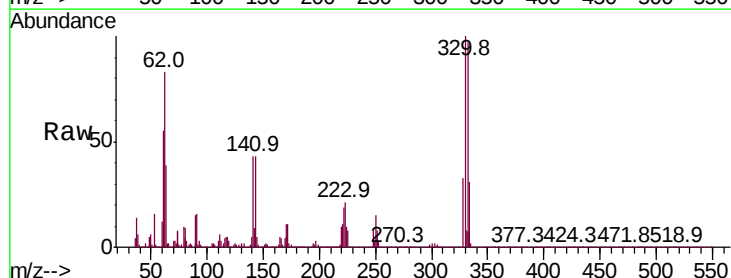
Tgt Ion:330 Resp: 69110

Ion Ratio Lower Upper

330 100

332 96.8 78.3 117.5

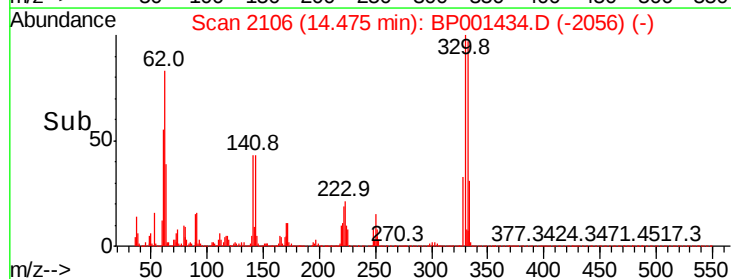
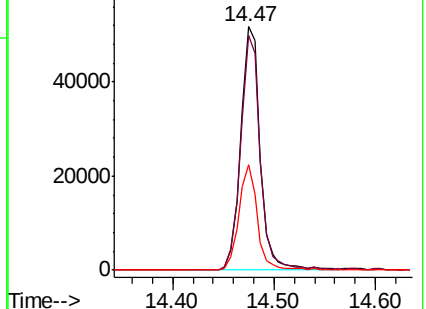
141 41.1 26.8 40.2#

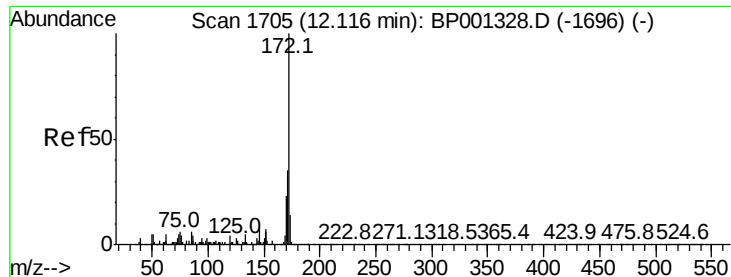


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

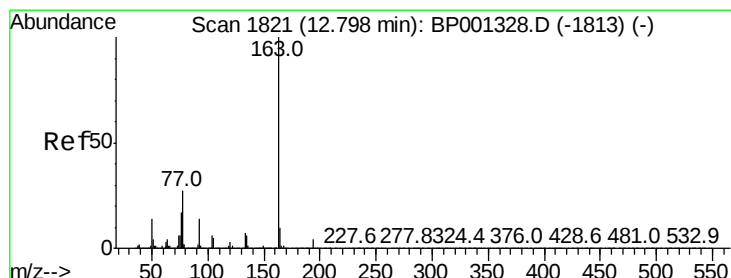
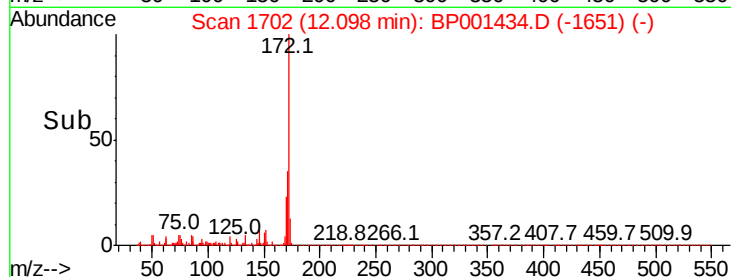
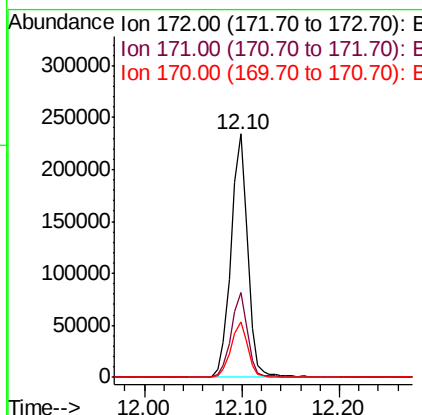
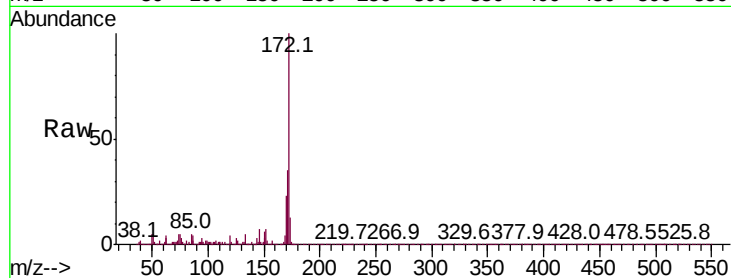




#45
2-Fluorobiphenyl
Concen: 59.564 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001434.D
Acq: 26 Dec 2019 21:25

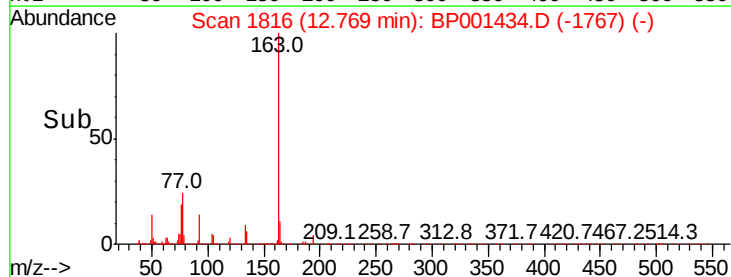
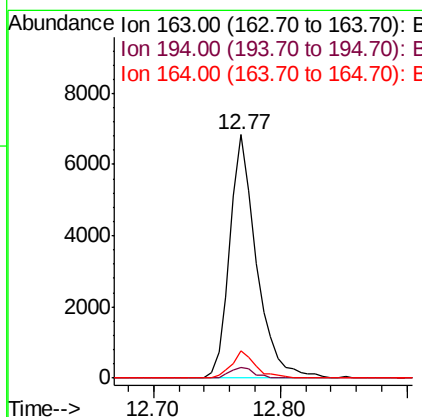
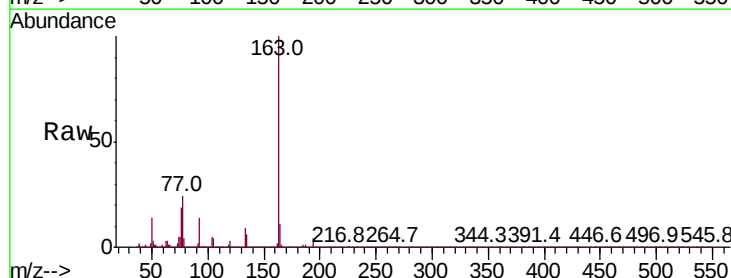
Instrument :
BNA_P
ClientSampleId :
DUNR-BF004-01

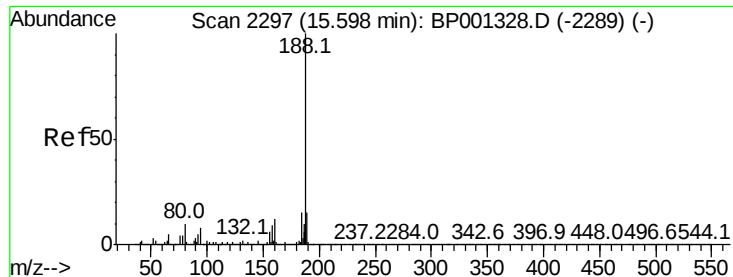
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.4	41.0
170	22.7	18.2	27.4



#50
Dimethylphthalate
Concen: 2.042 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BP001434.D
Acq: 26 Dec 2019 21:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	11.5	7.7	11.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BP001434.D

Acq: 26 Dec 2019 21:25

Instrument :

BNA_P

ClientSampleId :

DUNR-BF004-01

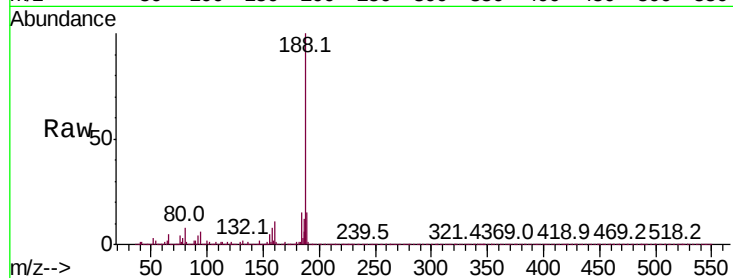
Tot Ion:188 Resp: 116688

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

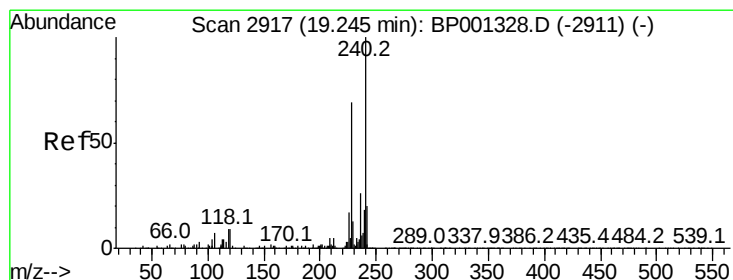
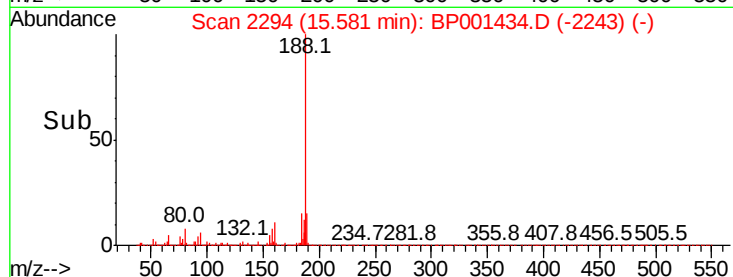
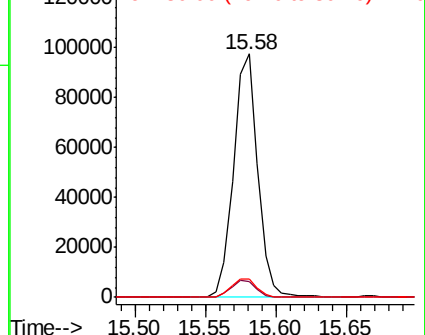
80 7.6 5.7 8.5



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: 19.22 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BP001434.D

Acq: 26 Dec 2019 21:25

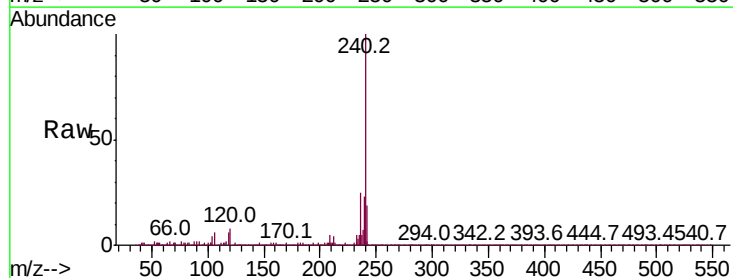
Tgt Ion:240 Resp: 89538

Ion Ratio Lower Upper

240 100

120 7.7 6.2 9.2

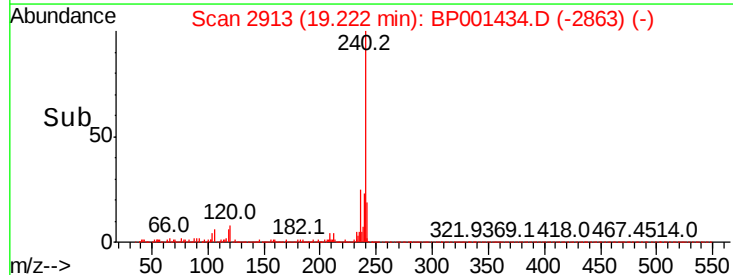
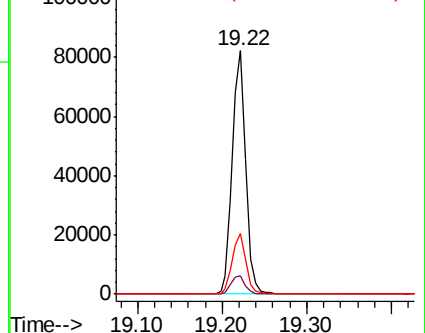
236 25.0 20.2 30.2

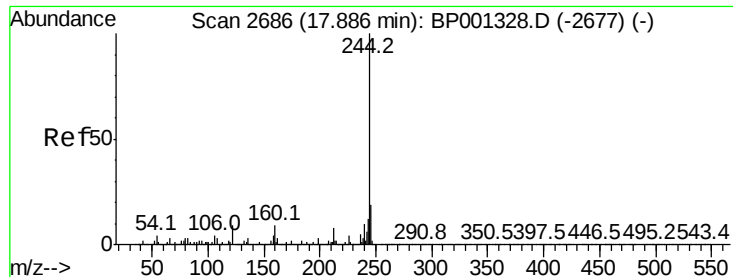


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.663 ng

RT: 17.86 min Scan# 2682

Delta R.T. -0.01 min

Lab File: BP001434.D

Acq: 26 Dec 2019 21:25

Instrument :

BNA_P

ClientSampleId :

DUNR-BF004-01

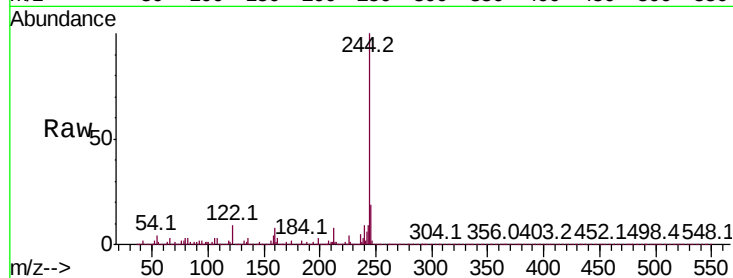
Tot Ion:244 Resp: 364176

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

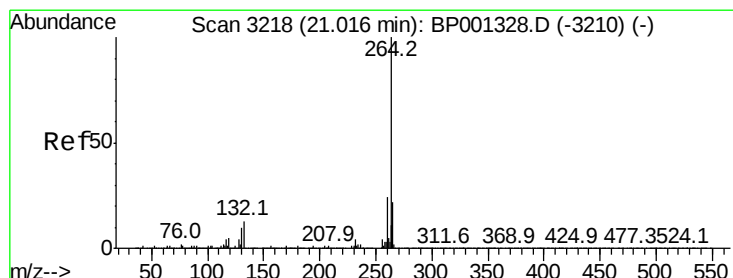
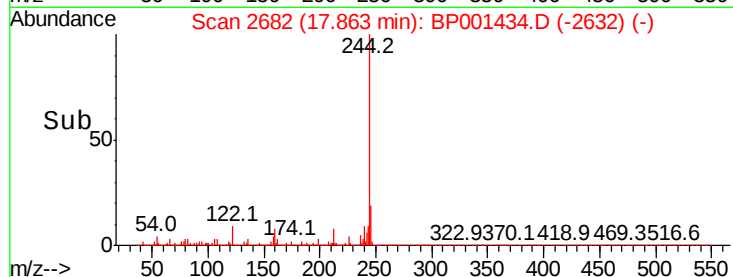
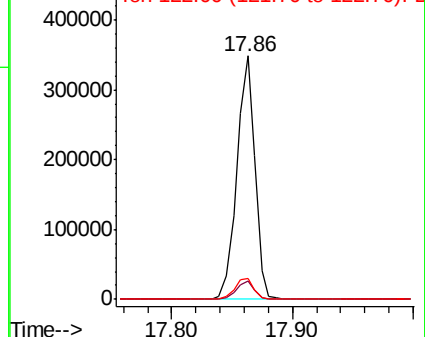
122 8.6 6.4 9.6



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: 20.99 min Scan# 3213

Delta R.T. -0.01 min

Lab File: BP001434.D

Acq: 26 Dec 2019 21:25

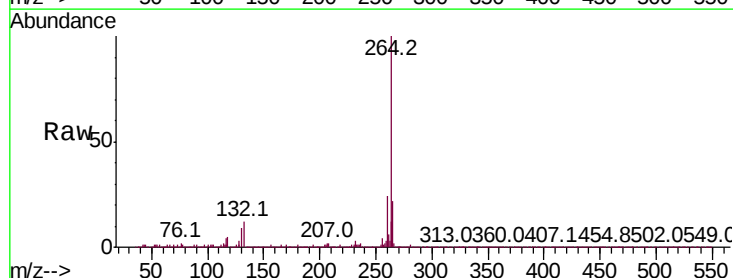
Tgt Ion:264 Resp: 92525

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.4

265 22.0 17.0 25.4



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

