

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
 Data File : BP001475.D
 Acq On : 27 Dec 2019 23:46
 Operator : JU
 Sample : K6438-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DUNR-BF005-01

Quant Time: Dec 28 04:33:25 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

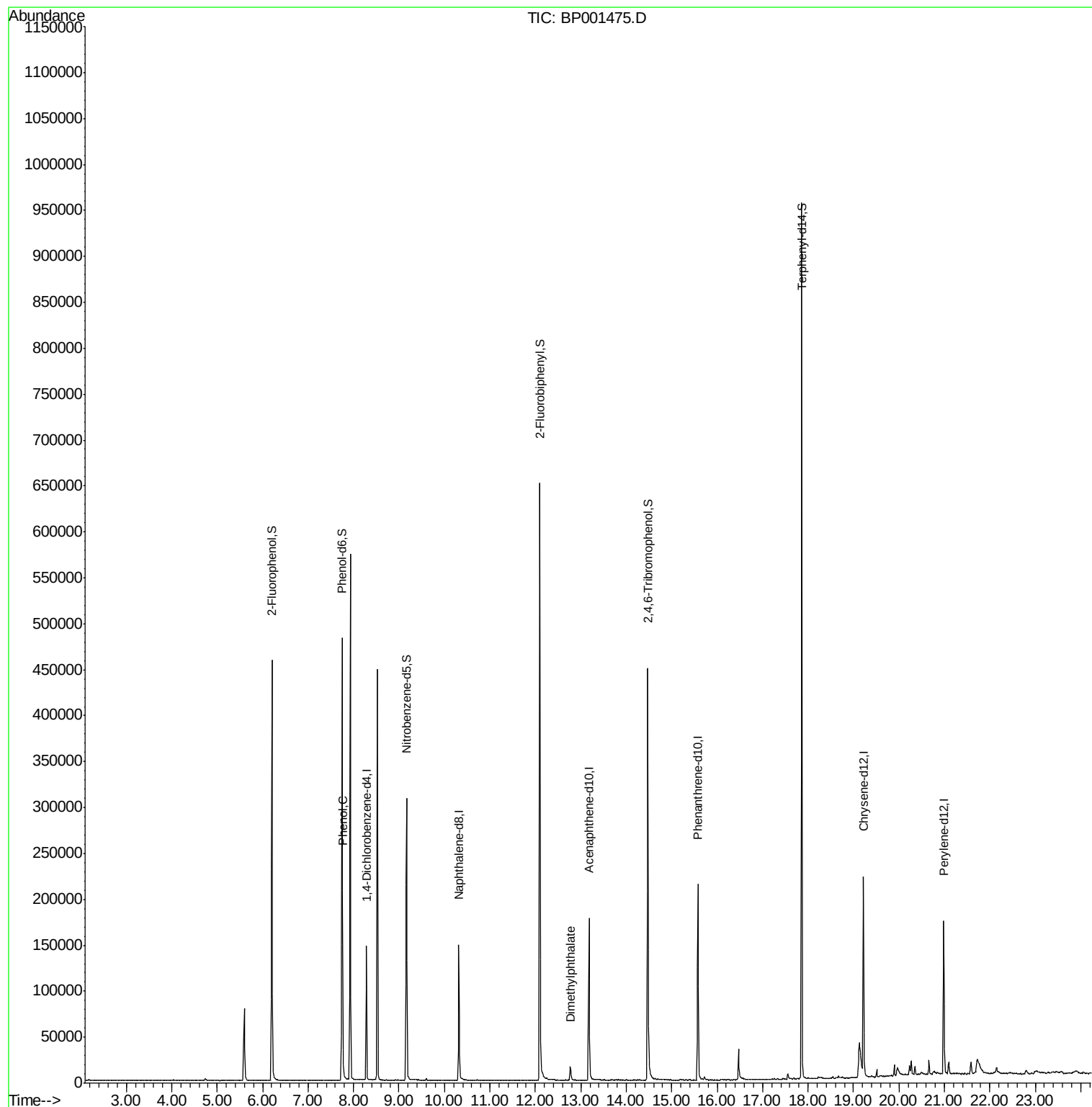
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	23881	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	83276	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	52795	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	105610	20.00	ng	0.00
76) Chrysene-d12	19.22	240	85339	20.00	ng	0.00
87) Perylene-d12	20.99	264	89913	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	139043	94.10	ng	0.00
7) Phenol-d6	7.75	99	182513	94.66	ng	0.00
23) Nitrobenzene-d5	9.16	82	127038	58.58	ng	-0.01
42) 2,4,6-Tribromophenol	14.47	330	67708	102.58	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	262908	62.97	ng	0.00
79) Terphenyl-d14	17.86	244	364359	73.13	ng	0.00
Target Compounds						
10) Phenol	7.76	94	5189	2.355	ng	94
50) Dimethylphthalate	12.77	163	10079	2.327	ng	# 96

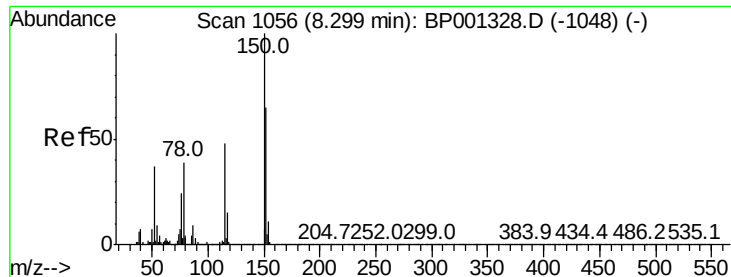
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BP001475.D

Acq: 27 Dec 2019 23:46

Instrument :

BNA_P

ClientSampleId :

DUNR-BF005-01

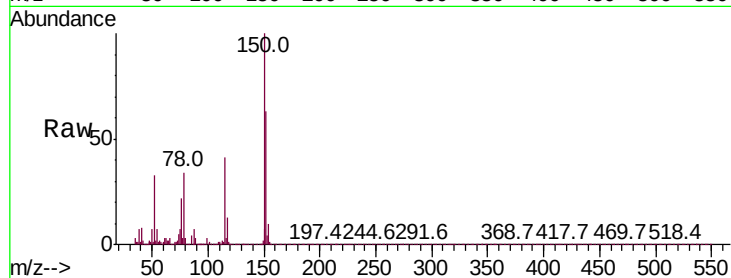
Tot Ion:152 Resp: 23881

Ion Ratio Lower Upper

152 100

150 159.6 127.0 190.6

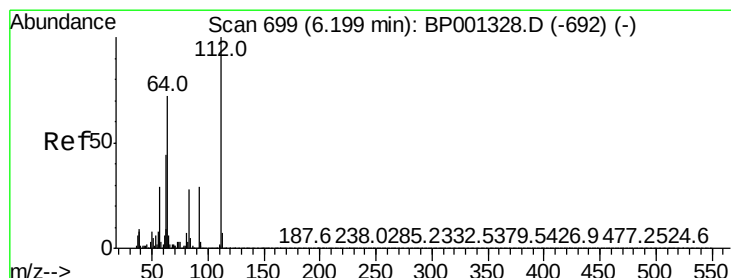
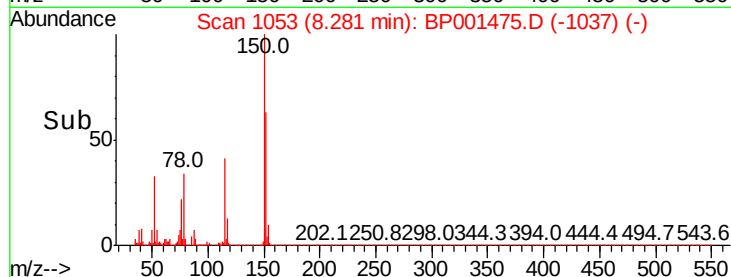
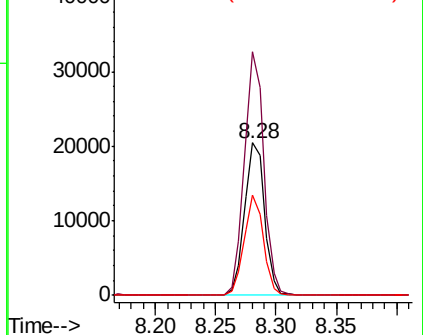
115 65.9 56.1 84.1



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: 94.100 ng

RT: 6.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BP001475.D

Acq: 27 Dec 2019 23:46

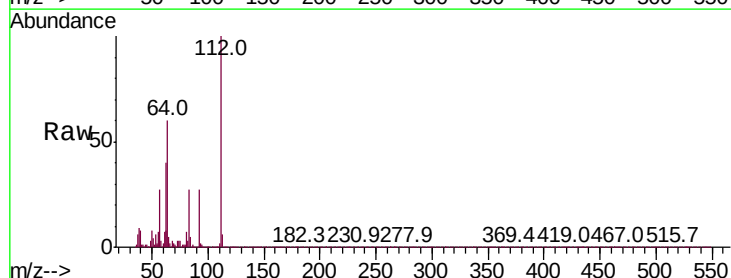
Tgt Ion:112 Resp: 139043

Ion Ratio Lower Upper

112 100

64 59.9 53.9 80.9

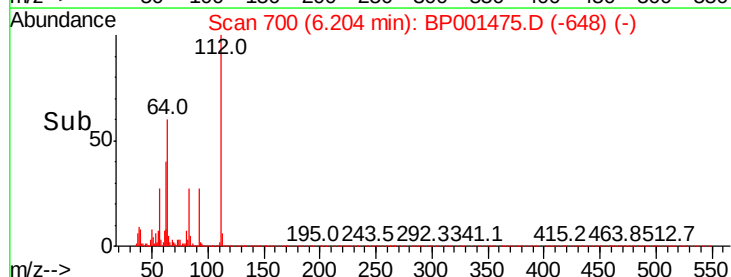
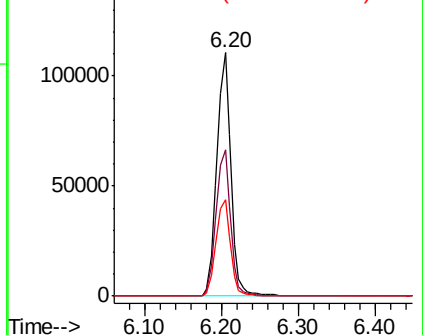
63 39.8 33.4 50.0

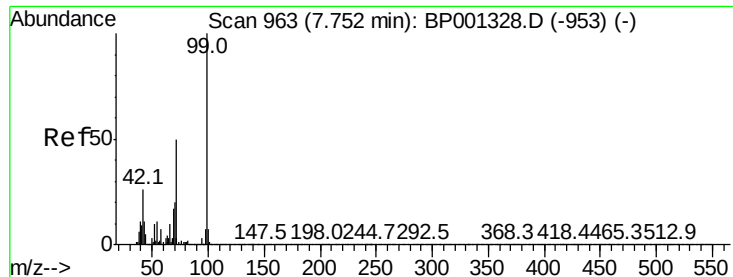


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 94.660 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001475.D

Acq: 27 Dec 2019 23:46

Instrument :

BNA_P

ClientSampleId :

DUNR-BF005-01

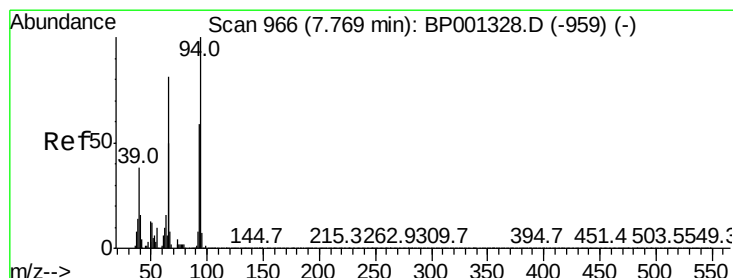
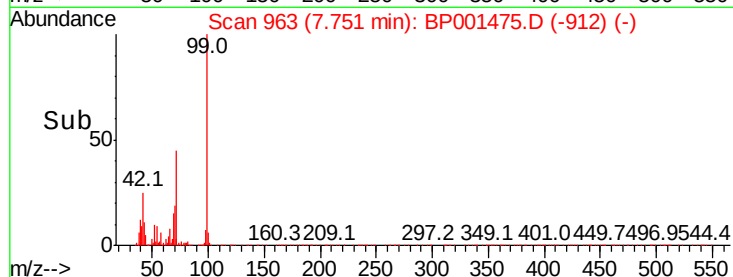
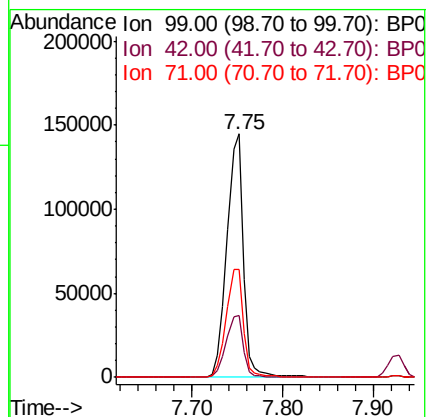
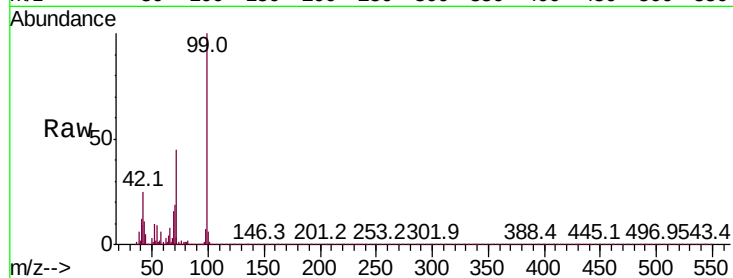
Tot Ion: 99 Resp: 182513

Ion Ratio Lower Upper

99 100

42 25.3 20.8 31.2

71 44.5 38.2 57.4



#10

Phenol

Concen: 2.355 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BP001475.D

Acq: 27 Dec 2019 23:46

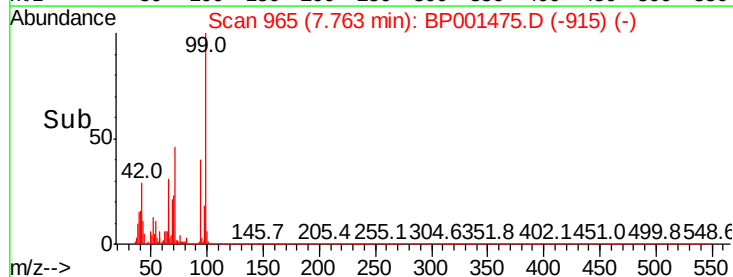
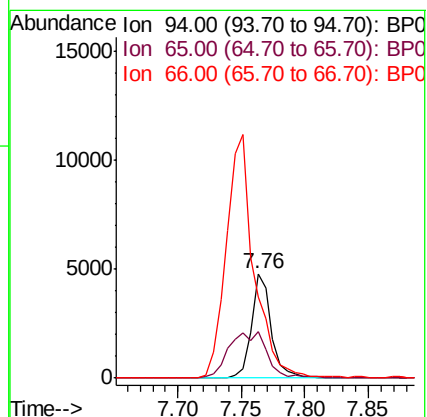
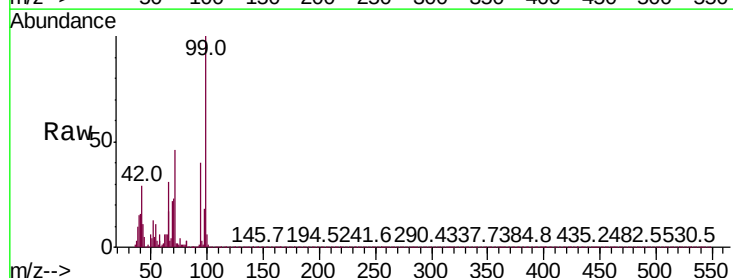
Tgt Ion: 94 Resp: 5189

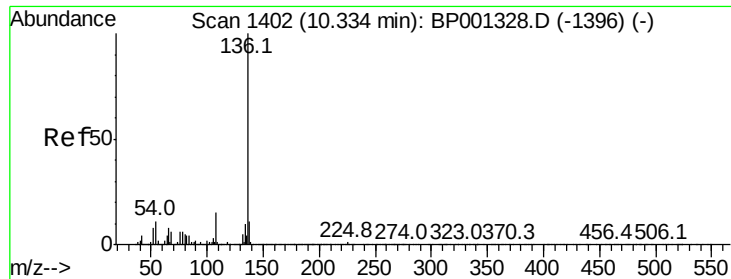
Ion Ratio Lower Upper

94 100

65 44.1 29.6 69.6

66 77.9 62.3 102.3

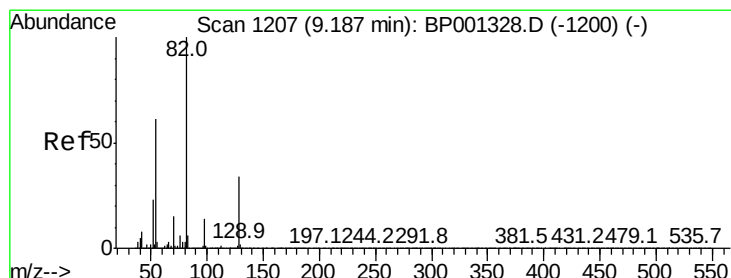
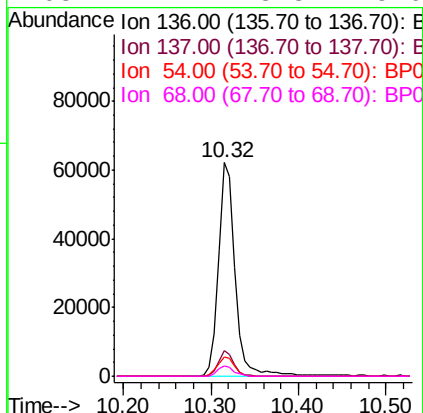
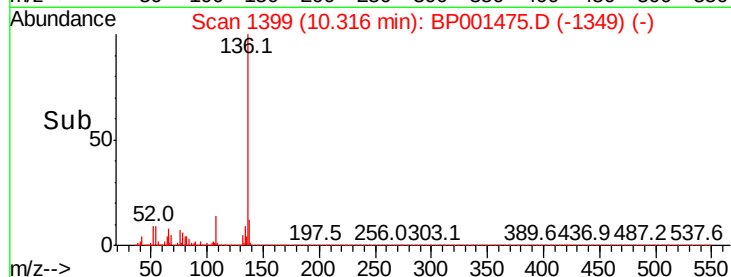
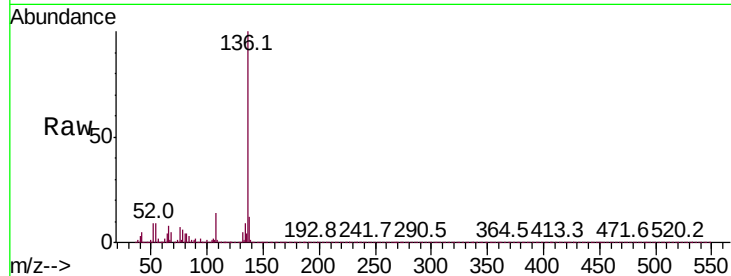




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001475.D
Acq: 27 Dec 2019 23:46

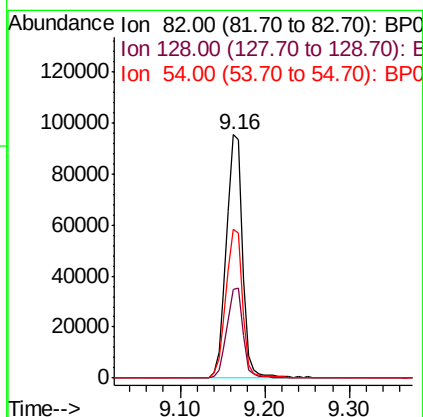
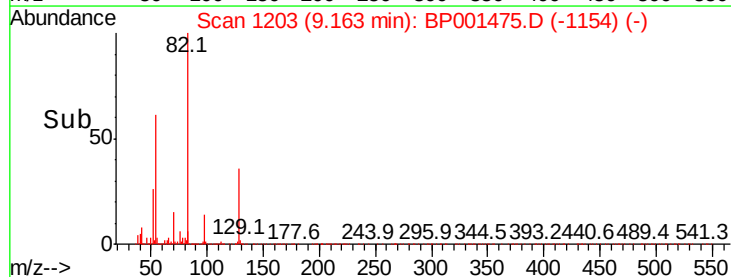
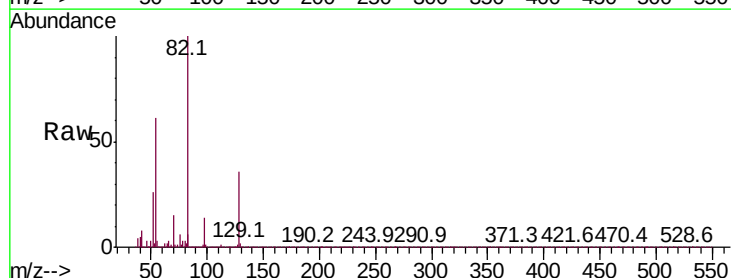
Instrument :
BNA_P
ClientSampleId :
DUNR-BF005-01

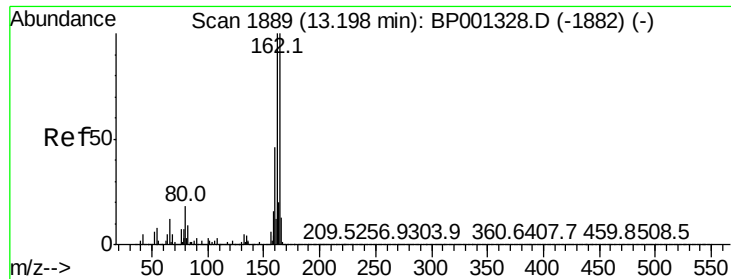
Tot Ion:136	Resp:	83276
Ion Ratio	Lower	Upper
136 100		
137 12.1	9.0	13.4
54 9.1	7.3	10.9
68 4.7	3.8	5.6



#23
Nitrobenzene-d5
Concen: 58.581 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BP001475.D
Acq: 27 Dec 2019 23:46

Tgt Ion: 82	Resp: 127038
Ion Ratio	Lower Upper
82 100	
128 36.5	27.4 41.0
54 61.0	47.5 71.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. -0.00 min

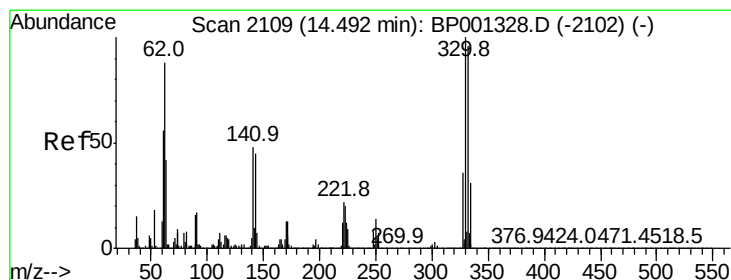
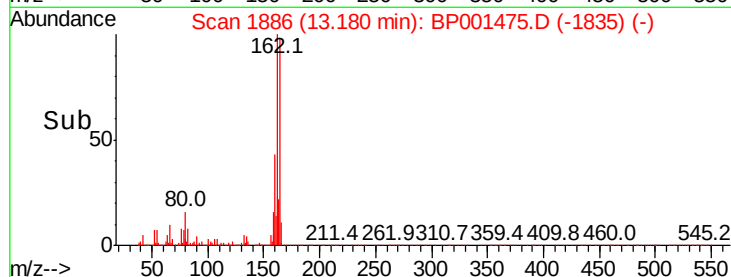
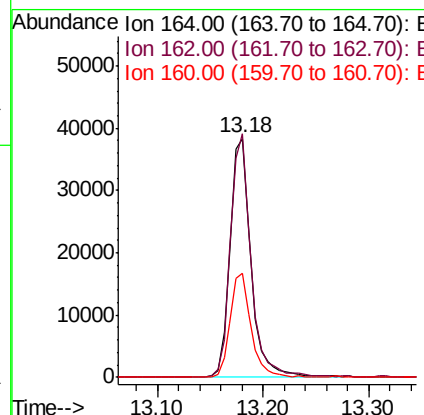
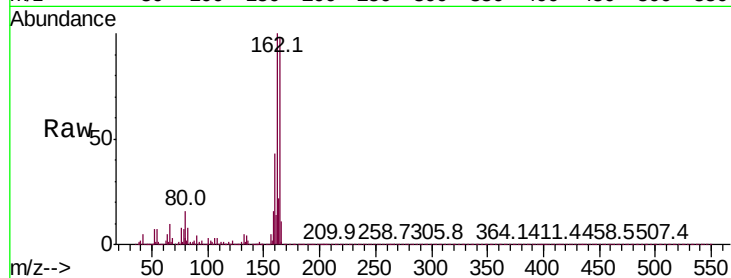
Lab File: BP001475.D

Acq: 27 Dec 2019 23:46

Instrument :
BNA_P
ClientSampleId :
DUNR-BF005-01

Tot Ion:164 Resp: 52795

Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.2	117.4
160	43.5	35.1	52.7



#42

2,4,6-Tribromophenol

Concen: 102.579 ng

RT: 14.47 min Scan# 2106

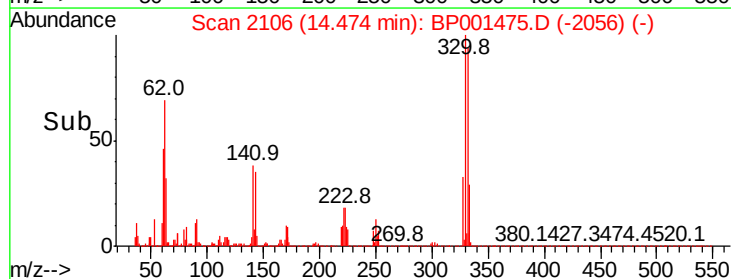
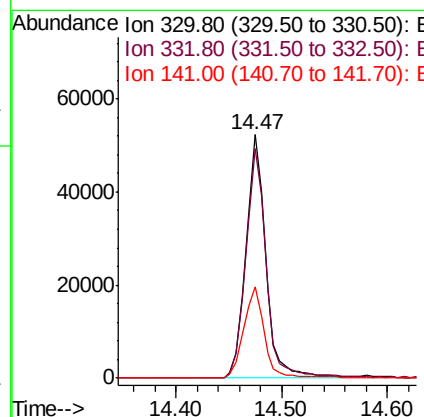
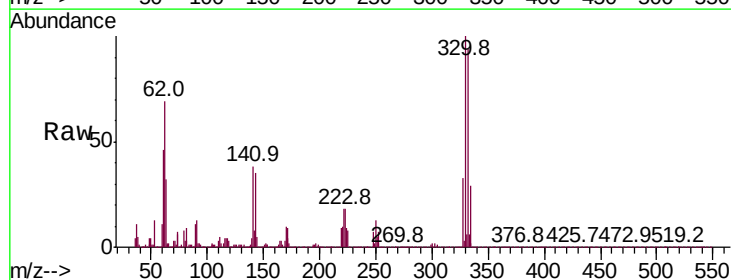
Delta R.T. -0.01 min

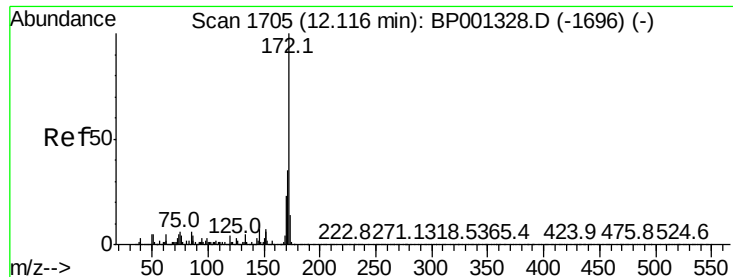
Lab File: BP001475.D

Acq: 27 Dec 2019 23:46

Tgt Ion:330 Resp: 67708

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.3	117.5
141	39.1	26.8	40.2

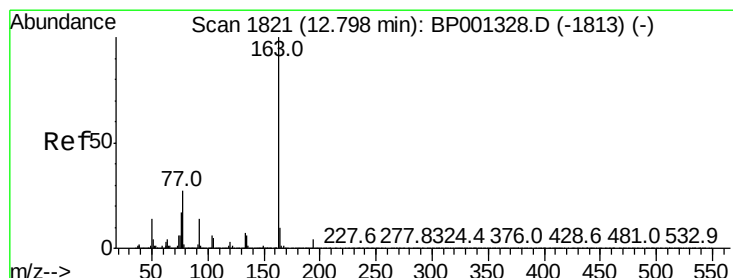
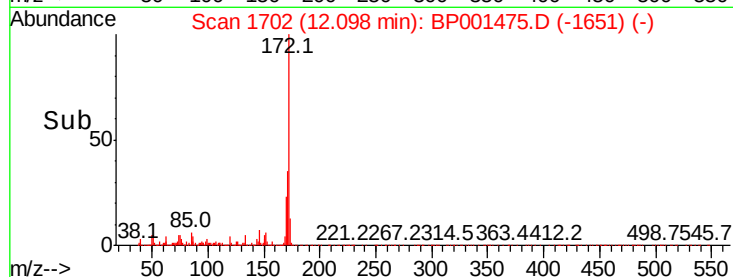
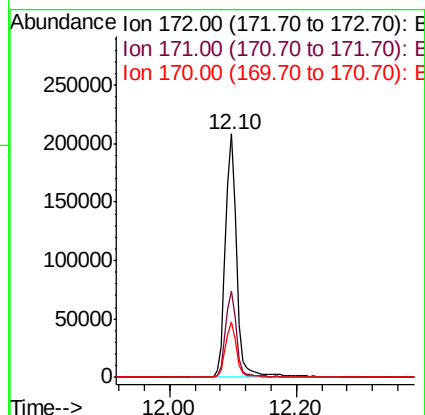
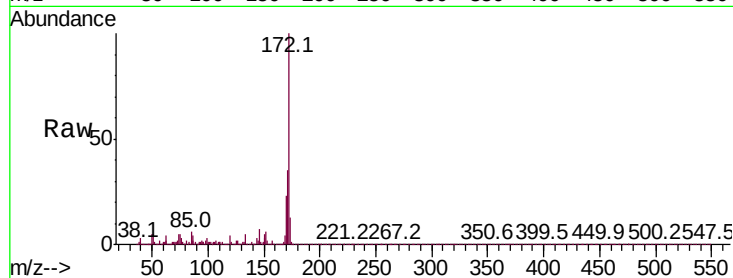




#45
2-Fluorobiphenyl
Concen: 62.969 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001475.D
Acq: 27 Dec 2019 23:46

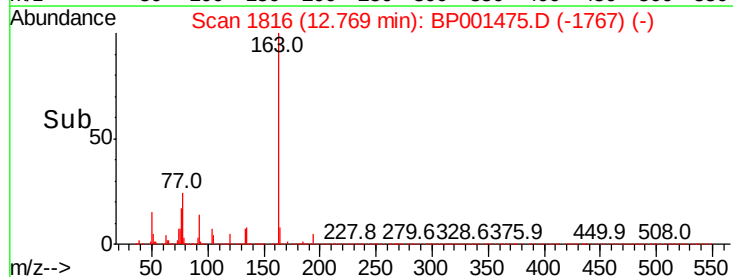
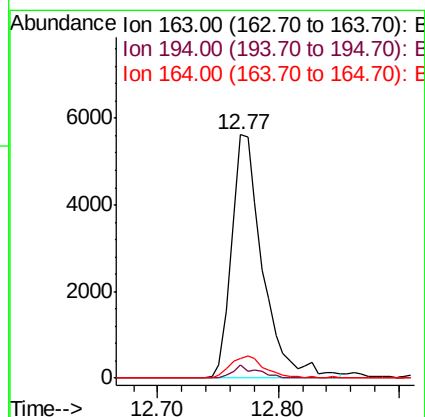
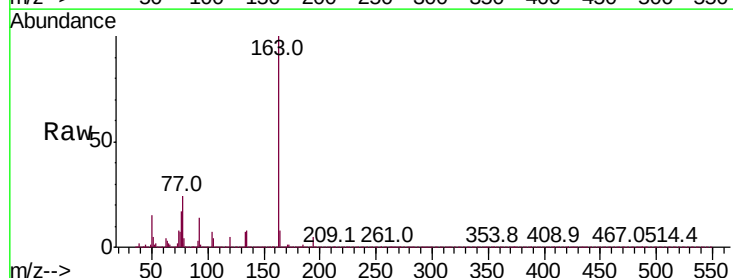
Instrument :
BNA_P
ClientSampleId :
DUNR-BF005-01

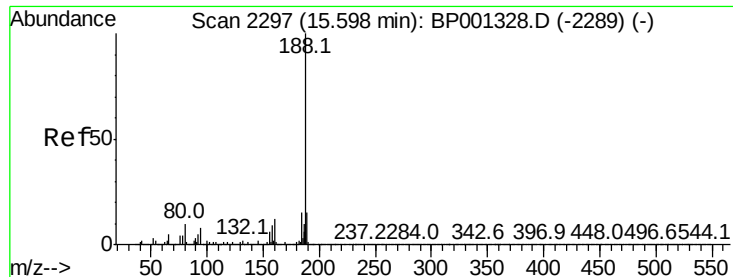
Tot Ion:172 Resp: 262908
Ion Ratio Lower Upper
172 100
171 35.4 27.4 41.0
170 22.7 18.2 27.4



#50
Dimethylphthalate
Concen: 2.327 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BP001475.D
Acq: 27 Dec 2019 23:46

Tgt Ion:163 Resp: 10079
Ion Ratio Lower Upper
163 100
194 5.4 3.2 4.8#
164 8.1 7.7 11.5

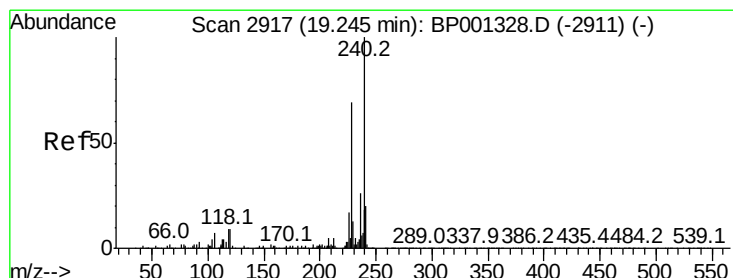
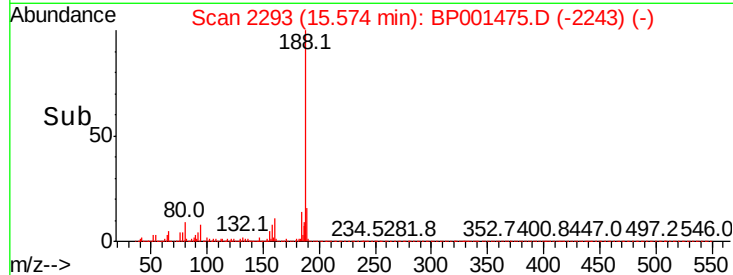
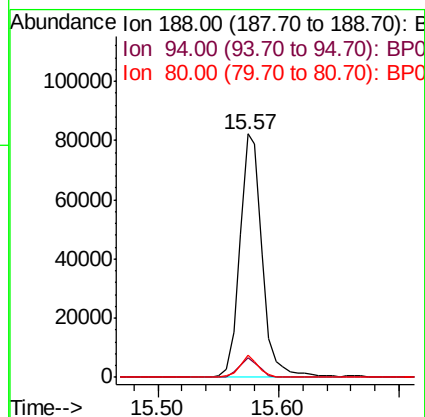
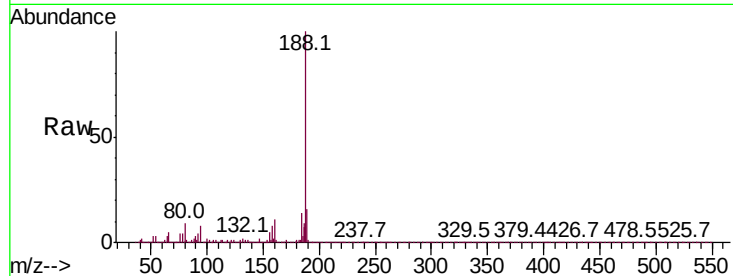




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BP001475.D
Acq: 27 Dec 2019 23:46

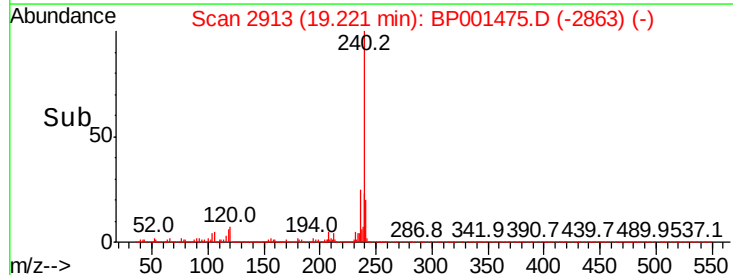
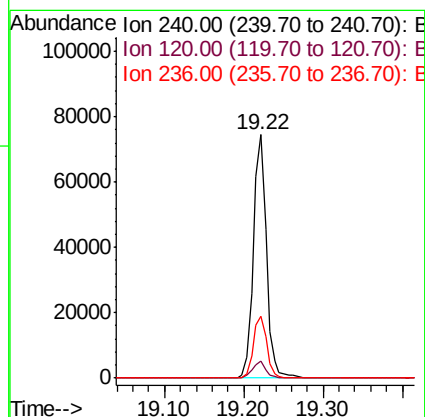
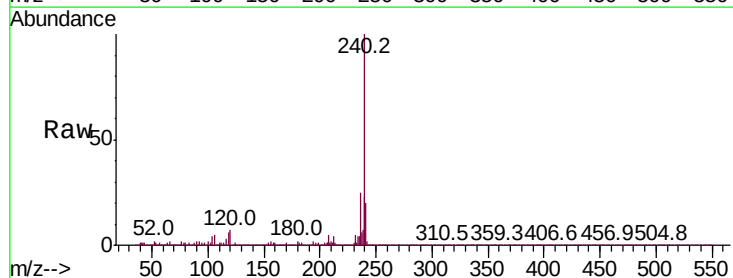
Instrument :
BNA_P
ClientSampleId :
DUNR-BF005-01

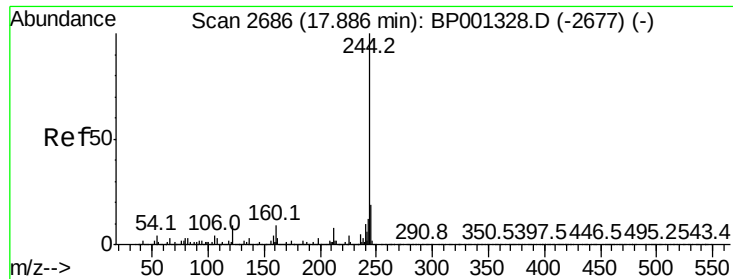
Tot Ion:188 Resp: 105610
Ion Ratio Lower Upper
188 100
94 8.2 5.8 8.8
80 8.9 5.7 8.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001475.D
Acq: 27 Dec 2019 23:46

Tgt Ion:240 Resp: 85339
Ion Ratio Lower Upper
240 100
120 7.0 6.2 9.2
236 25.3 20.2 30.2





#79

Terphenyl-d14

Concen: 73.127 ng

RT: 17.86 min Scan# 2682

Delta R.T. -0.01 min

Lab File: BP001475.D

Acq: 27 Dec 2019 23:46

Instrument :

BNA_P

ClientSampleId :

DUNR-BF005-01

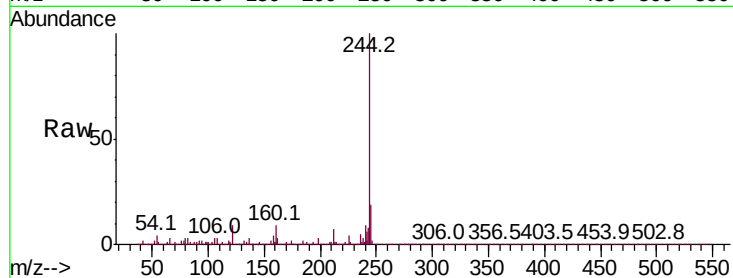
Tot Ion:244 Resp: 364359

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

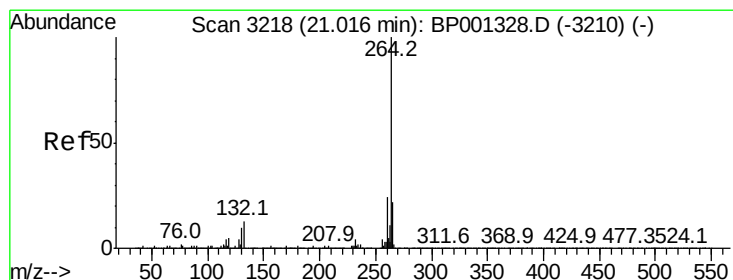
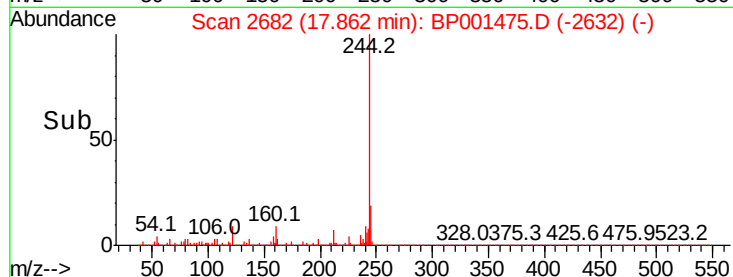
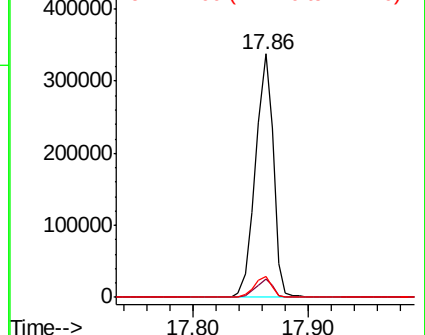
122 8.7 6.4 9.6



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: BP001475.D

Acq: 27 Dec 2019 23:46

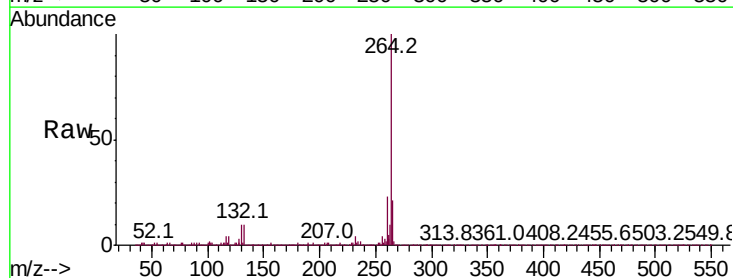
Tgt Ion:264 Resp: 89913

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.4

265 20.9 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

