

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
 Data File : BN011628.D
 Acq On : 25 Aug 2020 23:14
 Operator : CG/JU
 Sample : PB131164BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131164BL

Quant Time: Aug 26 02:34:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 03:31:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2108	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	8376	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	5172	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	12221	0.40	ng	0.00
29) Chrysene-d12	21.32	240	11562	0.40	ng	-0.01
36) Perylene-d12	23.59	264	12514	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	2613	0.39	ng	0.00
5) Phenol-d6	6.91	99	3420	0.36	ng	0.00
8) Nitrobenzene-d5	8.89	82	3914	0.54	ng	-0.01
11) 2-Methylnaphthalene-d10	12.13	152	4455	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1064	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	10879	0.54	ng	-0.01
27) Fluoranthene-d10	19.17	212	11551	0.29	ng	0.00
31) Terphenyl-d14	19.78	244	19889	0.67	ng	0.00

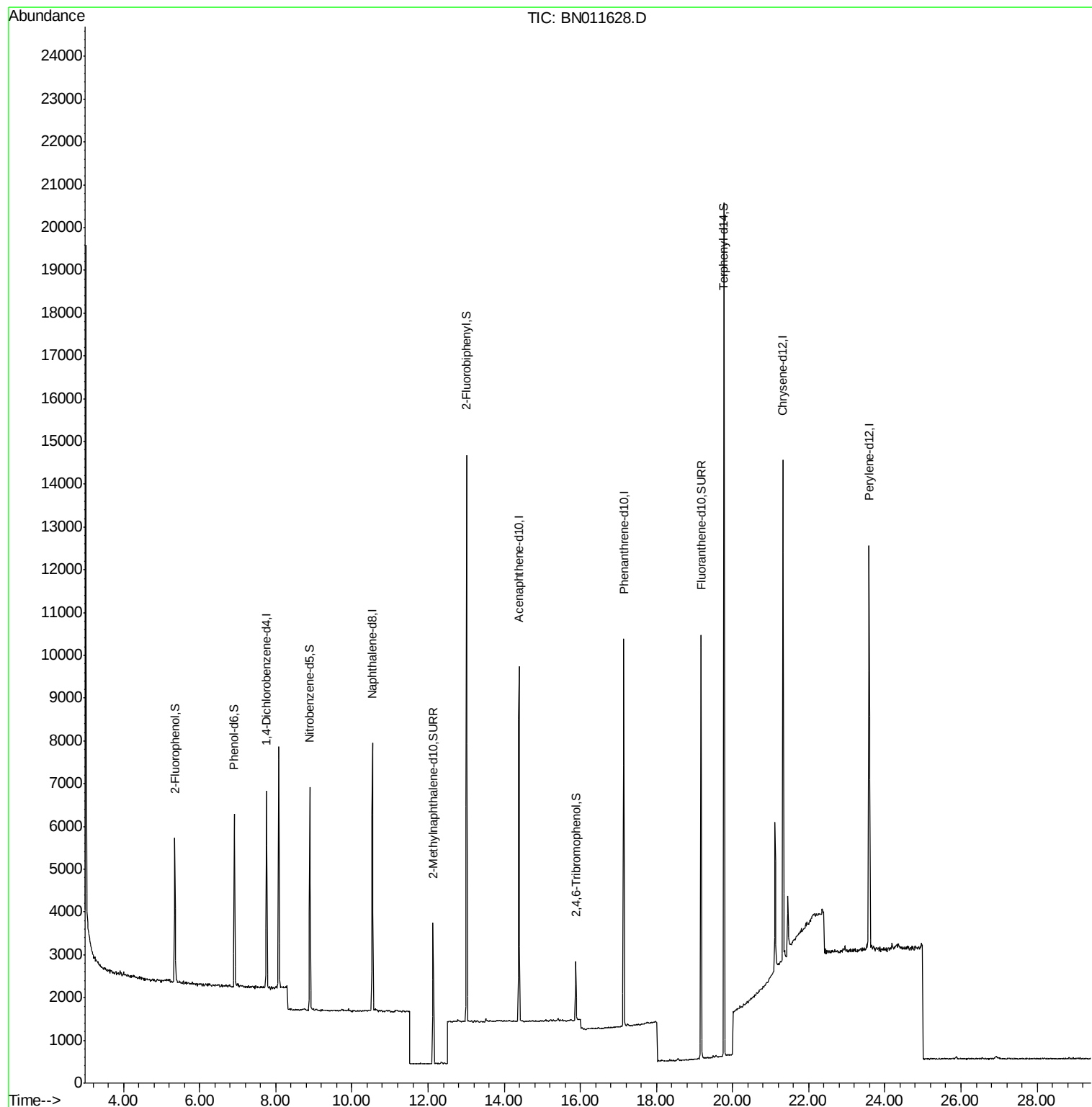
Target Compounds	Qvalue
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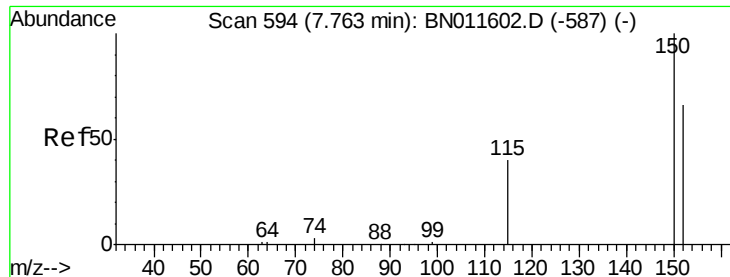
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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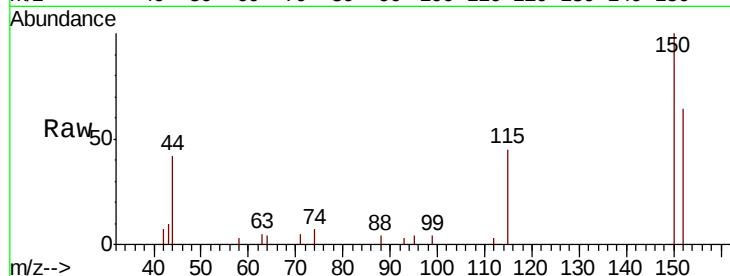


#1

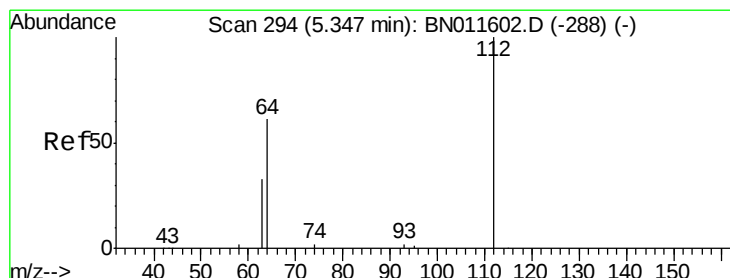
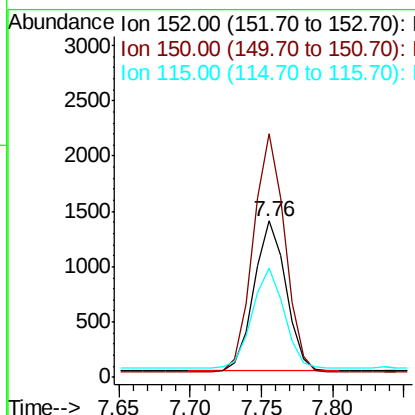
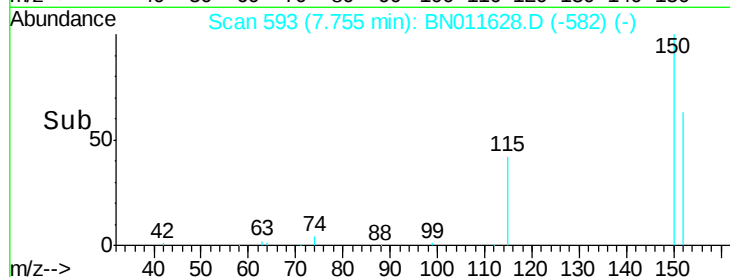
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN011628.D
Acq: 25 Aug 2020 23:14

Instrument :
BNA_N
ClientSampleId :
PB131164BL

Tot Ion:152 Resp: 2108
Ion Ratio Lower Upper
152 100
150 155.7 112.4 168.6
115 70.0 56.9 85.3



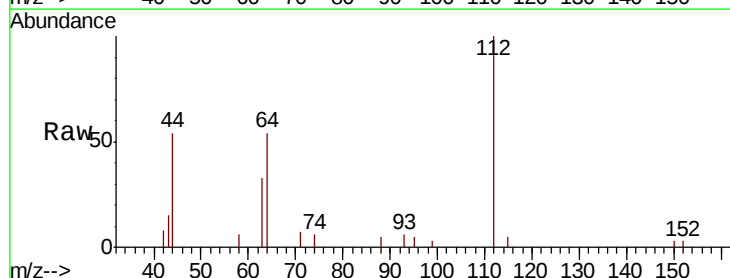
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



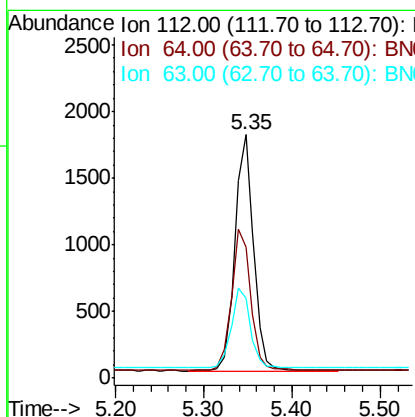
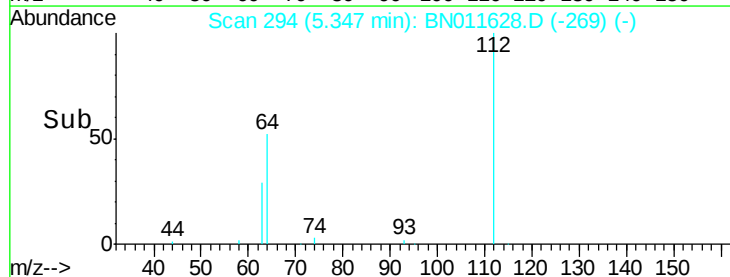
#4

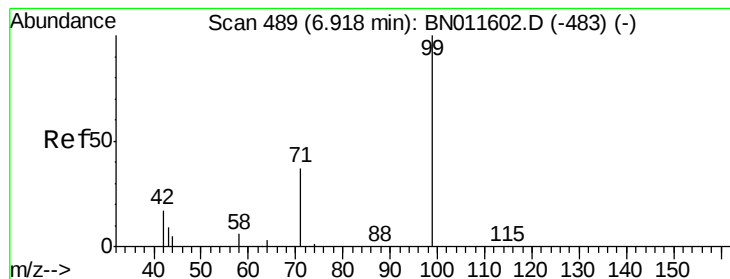
2-Fluorophenol
Concen: 0.388 ng
RT: 5.35 min Scan# 294
Delta R.T. -0.00 min
Lab File: BN011628.D
Acq: 25 Aug 2020 23:14

Tgt Ion:112 Resp: 2613
Ion Ratio Lower Upper
112 100
64 61.7 49.6 74.4
63 34.9 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.359 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.01 min

Lab File: BN011628.D

Acq: 25 Aug 2020 23:14

Instrument :

BNA_N

ClientSampleId :

PB131164BL

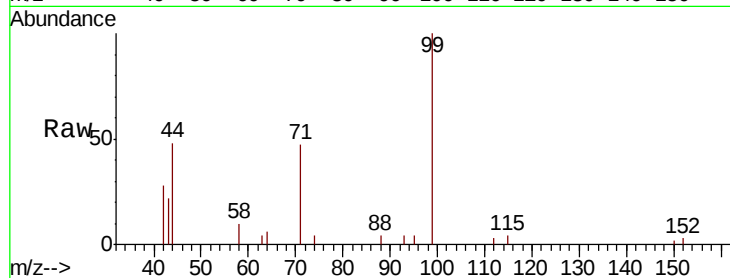
Tot Ion: 99 Resp: 3420

Ion Ratio Lower Upper

99 100

42 23.4 0.0 0.0#

71 41.2 0.0 0.0#

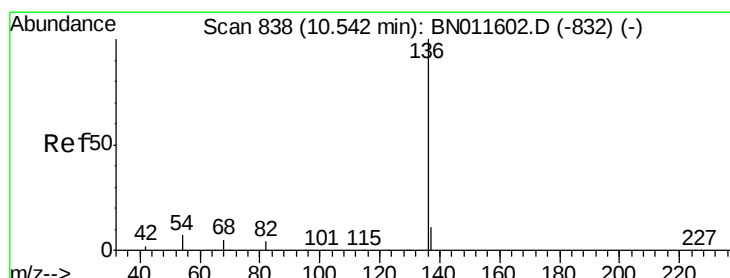
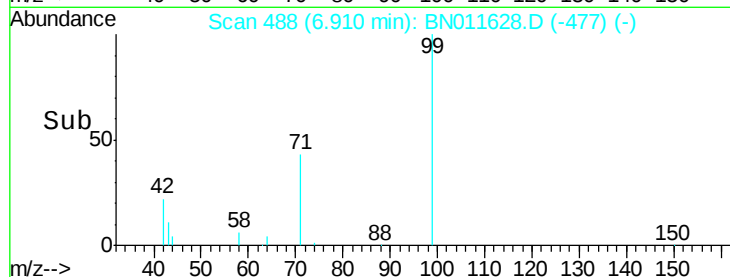


Abundance Ion 99.00 (98.70 to 99.70): BN011602.D (-483) (-)

Ion 42.00 (41.70 to 42.70): BN011602.D (-483) (-)

Ion 71.00 (70.70 to 71.70): BN011602.D (-483) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011628.D

Acq: 25 Aug 2020 23:14

Tgt Ion: 136 Resp: 8376

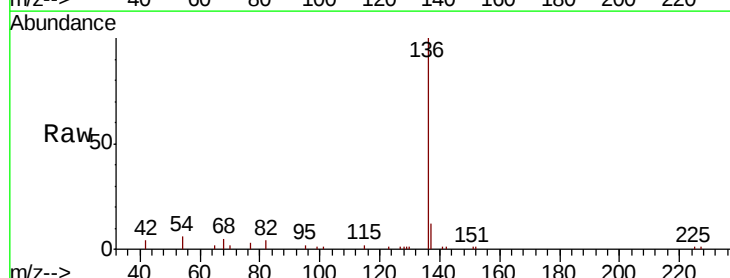
Ion Ratio Lower Upper

136 100

137 12.1 11.5 17.3

54 6.4 11.9 17.9#

68 5.1 12.3 18.5#



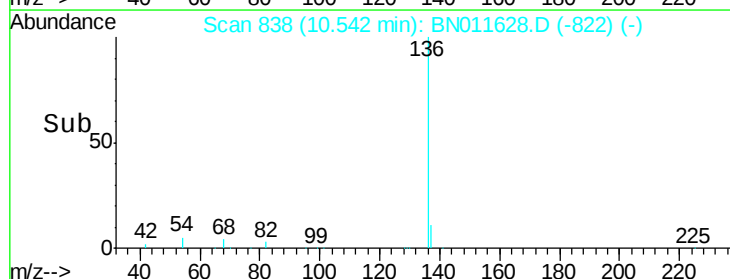
Abundance Ion 136.00 (135.70 to 136.70): BN011602.D (-832) (-)

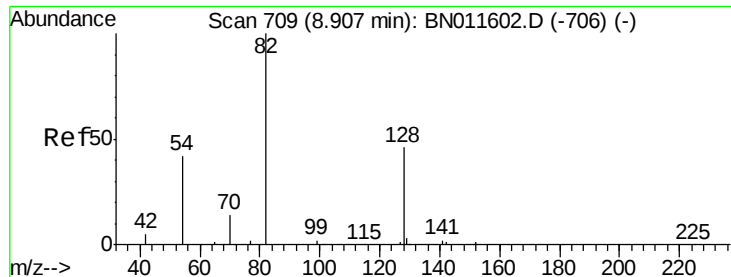
Ion 137.00 (136.70 to 137.70): BN011602.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN011602.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN011602.D (-832) (-)

Time-->

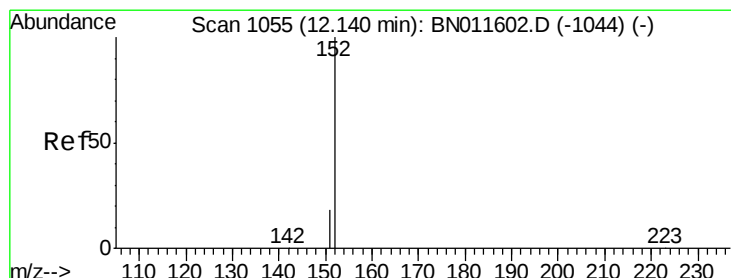
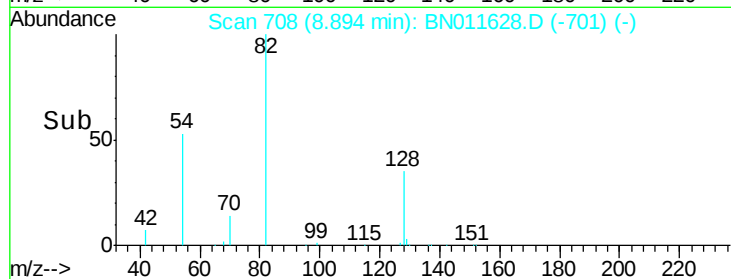
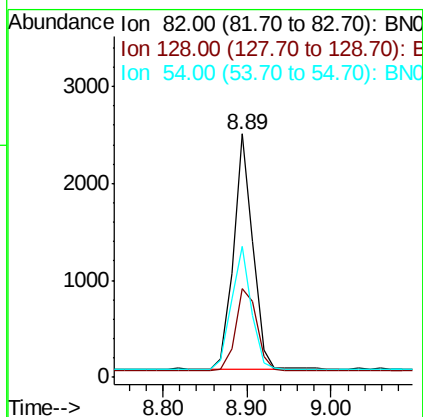
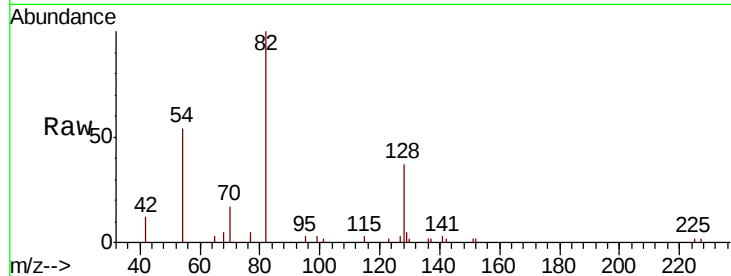




#8
 Nitrobenzene-d5
 Concen: 0.540 ng
 RT: 8.89 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BN011628.D
 Acq: 25 Aug 2020 23:14

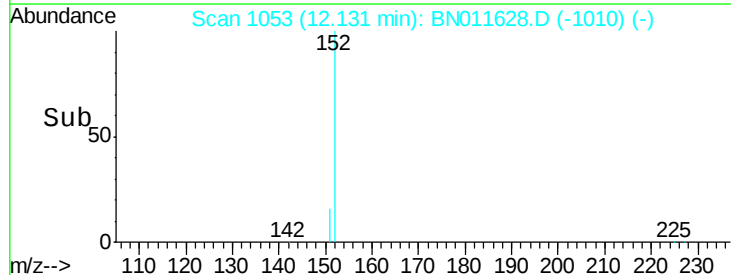
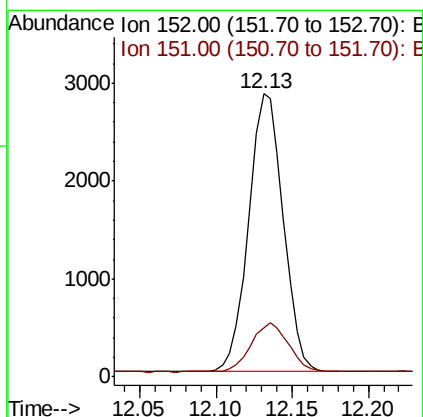
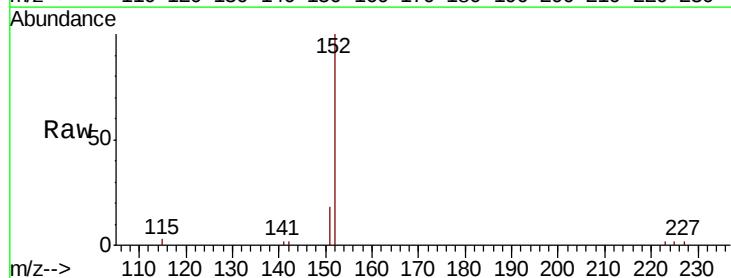
Instrument :
 BNA_N
 ClientSampleId :
 PB131164BL

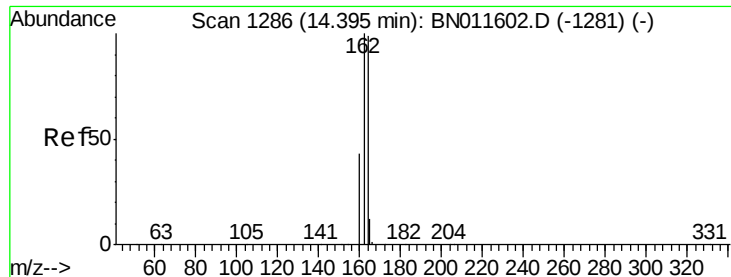
Tot Ion	82	Resp	3914
Ion Ratio	Lower	Upper	
82	100		
128	36.5	31.1	46.7
54	54.1	37.1	55.7



#11
 2-Methylnaphthalene-d10
 Concen: 0.281 ng
 RT: 12.13 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BN011628.D
 Acq: 25 Aug 2020 23:14

Tgt Ion	152	Resp	4455
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.4	24.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.39 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011628.D

Acq: 25 Aug 2020 23:14

Instrument :

BNA_N

ClientSampleId :

PB131164BL

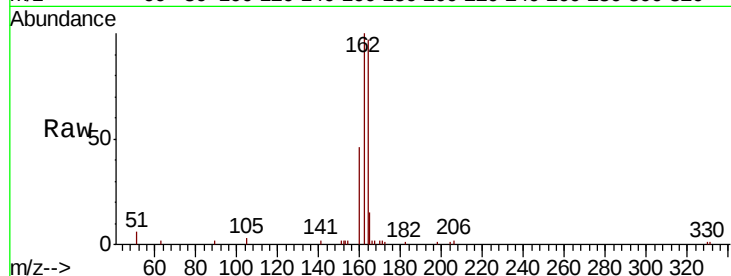
Tot Ion:164 Resp: 5172

Ion Ratio Lower Upper

164 100

162 103.5 80.8 121.2

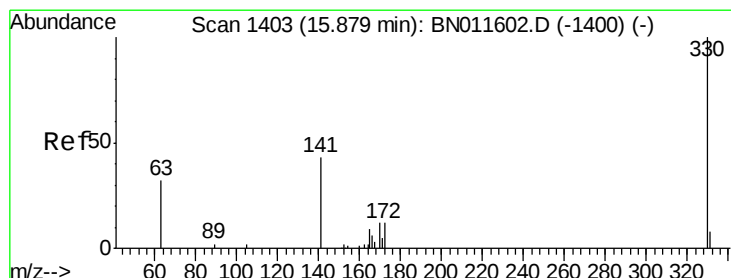
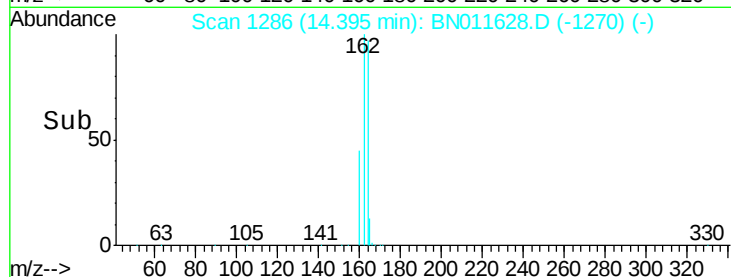
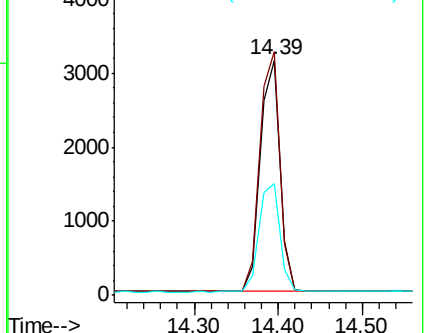
160 47.5 35.6 53.4



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



#14

2,4,6-Tribromophenol

Concen: 0.374 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011628.D

Acq: 25 Aug 2020 23:14

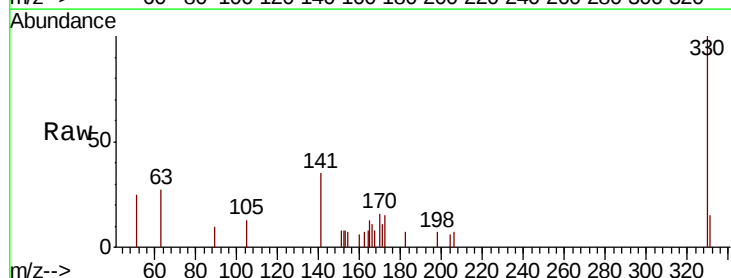
Tgt Ion:330 Resp: 1064

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

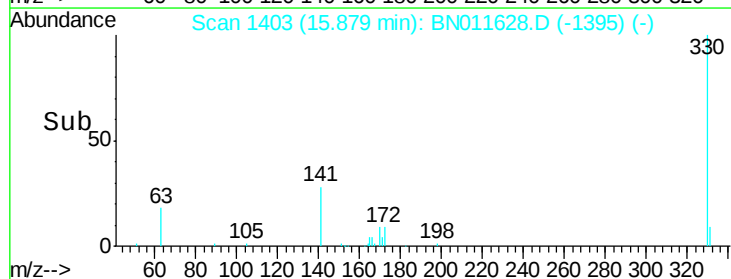
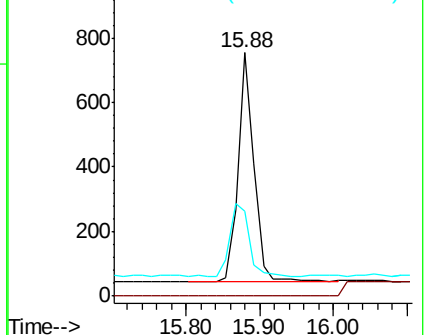
141 39.7 29.4 44.2

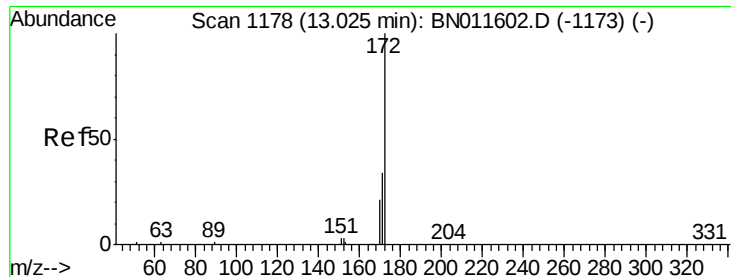


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

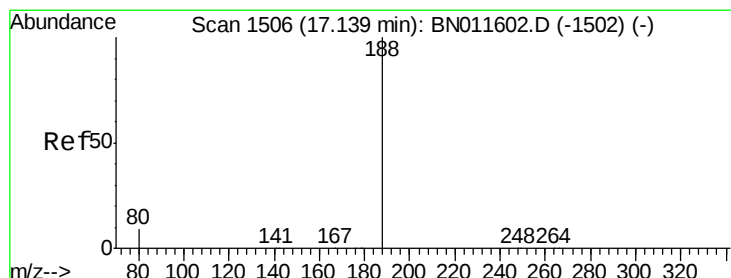
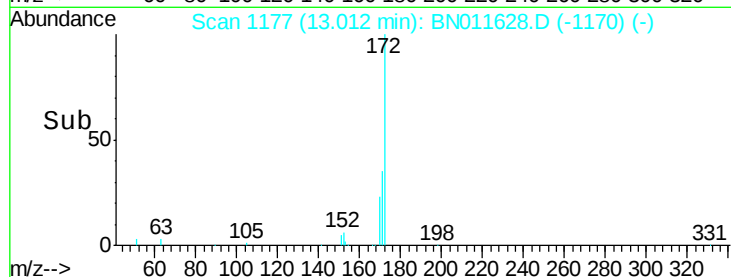
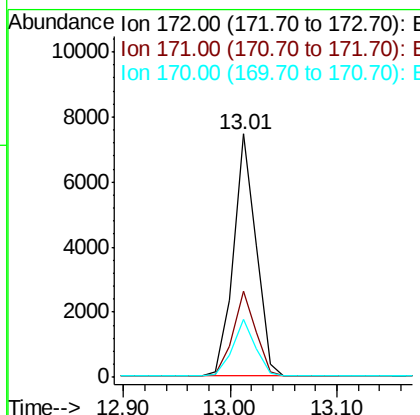
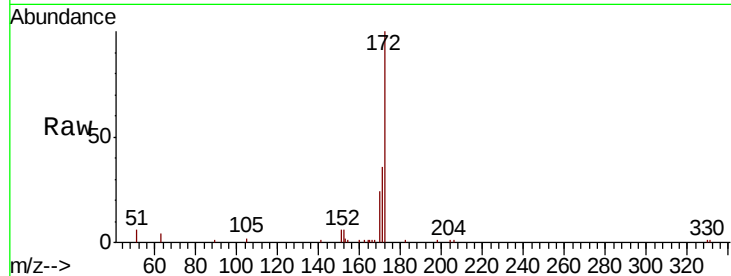




#15
2-Fluorobiphenyl
Concen: 0.540 ng
RT: 13.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011628.D
Acq: 25 Aug 2020 23:14

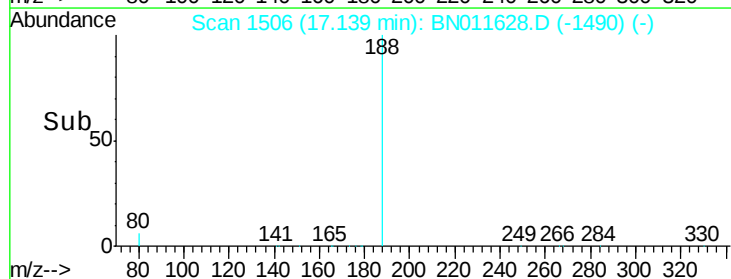
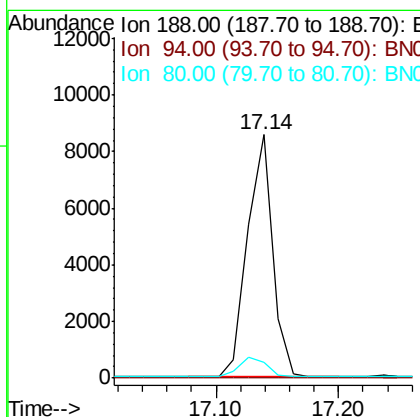
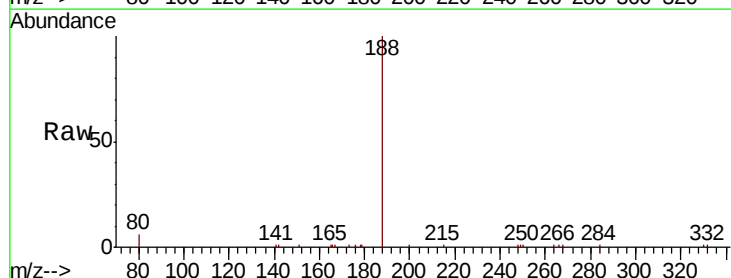
Instrument :
BNA_N
ClientSampleId :
PB131164BL

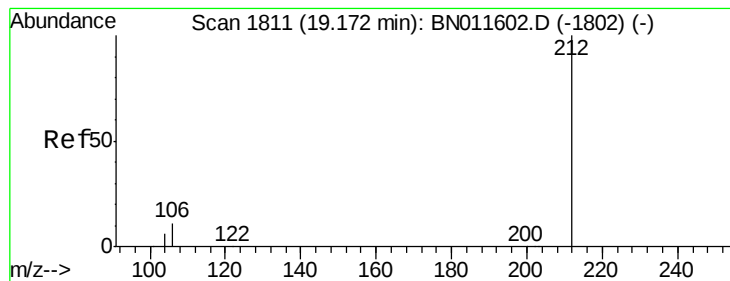
Tot Ion:172 Resp: 10879
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.9 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.14 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BN011628.D
Acq: 25 Aug 2020 23:14

Tgt Ion:188 Resp: 12221
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.2 9.2 13.8#





#27

Fluoranthene-d10

Concen: 0.290 ng

RT: 19.17 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BN011628.D

Acq: 25 Aug 2020 23:14

Instrument :

BNA_N

ClientSampleId :

PB131164BL

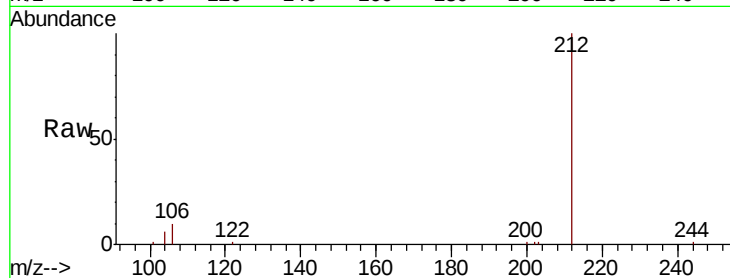
Tot Ion:212 Resp: 11551

Ion Ratio Lower Upper

212 100

106 9.8 8.9 13.3

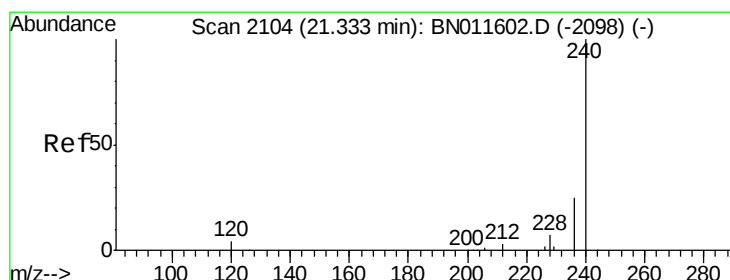
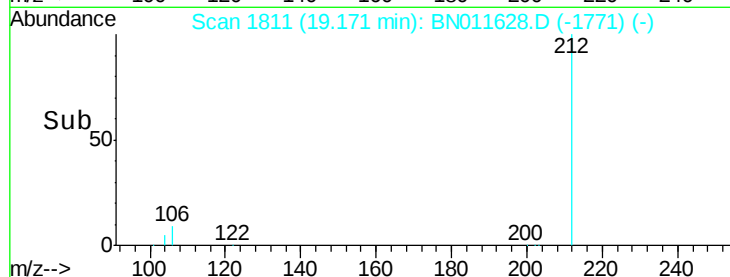
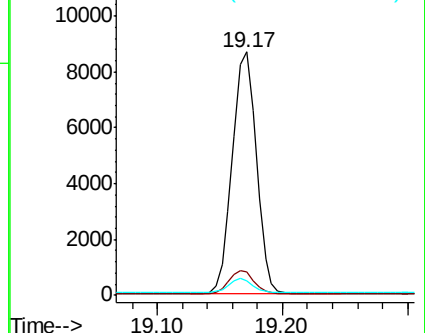
104 5.8 5.3 7.9



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.32 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BN011628.D

Acq: 25 Aug 2020 23:14

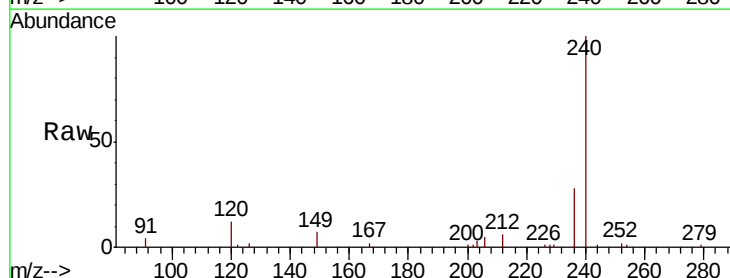
Tgt Ion:240 Resp: 11562

Ion Ratio Lower Upper

240 100

120 12.2 6.0 9.0#

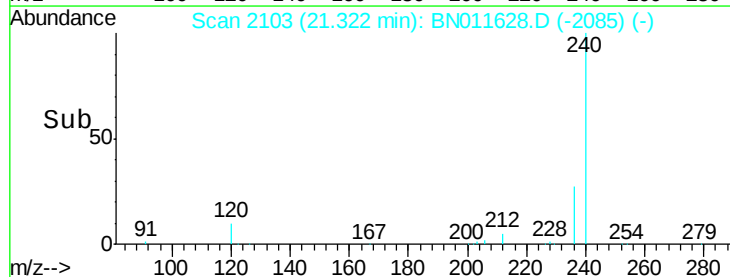
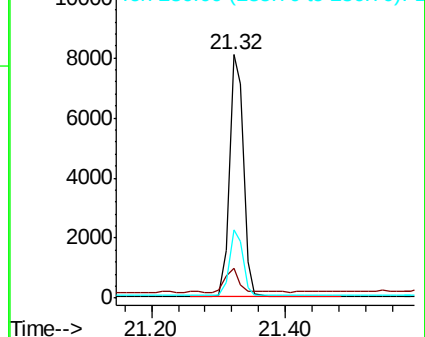
236 27.8 20.8 31.2

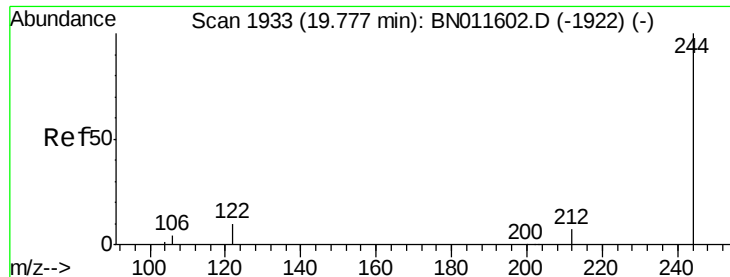


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.673 ng

RT: 19.78 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BN011628.D

Acq: 25 Aug 2020 23:14

Instrument :

BNA_N

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PB131164BL

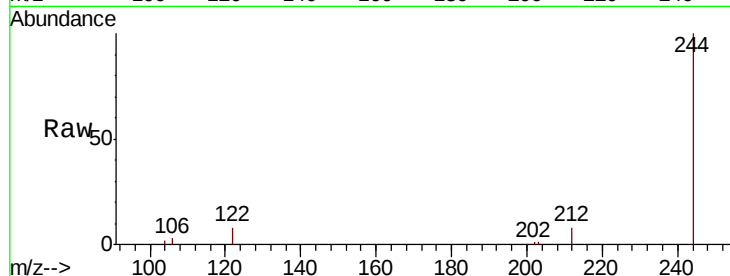
Tot Ion:244 Resp: 19889

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

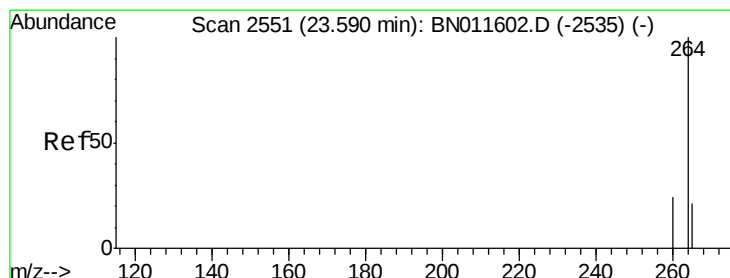
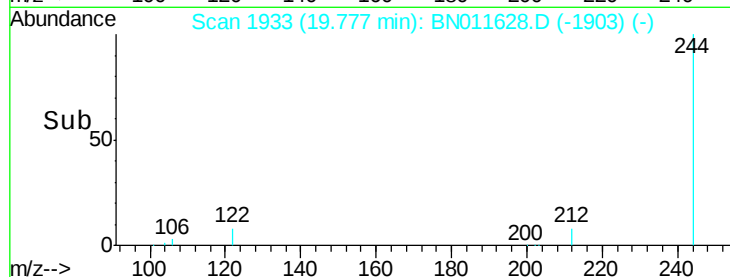
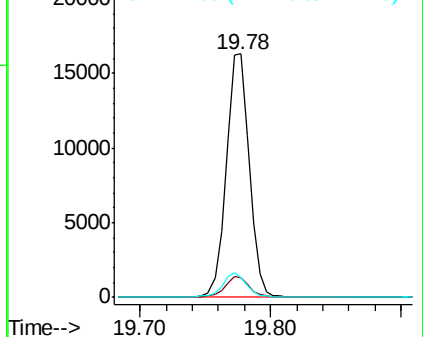
122 8.2 9.5 14.3#



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.59 min Scan# 2550

Delta R.T. -0.00 min

Lab File: BN011628.D

Acq: 25 Aug 2020 23:14

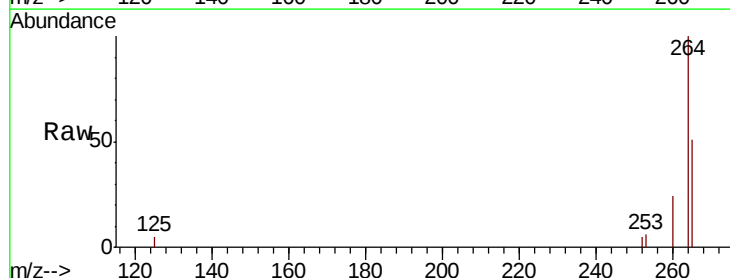
Tgt Ion:264 Resp: 12514

Ion Ratio Lower Upper

264 100

260 24.0 19.6 29.4

265 51.2 40.7 61.1



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

