

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090519\
 Data File : BN007539.D
 Acq On : 05 Sep 2019 18:52
 Operator : HP/JU
 Sample : PB122822BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122822BL

Quant Time: Sep 06 02:08:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 12:18:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	5489	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	22128	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	13648	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	32834	0.40	ng	0.00
27) Chrysene-d12	21.02	240	25747	0.40	ng	0.00
34) Perylene-d12	23.11	264	24709	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.03	112	6207	0.32	ng	0.00
5) Phenol-d6	6.59	99	7326	0.29	ng	0.00
8) Nitrobenzene-d5	8.53	82	5219	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	13765	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1467	0.21	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	18080	0.33	ng	0.00
25) Fluoranthene-d10	18.83	212	35303	0.33	ng	-0.01
29) Terphenyl-d14	19.46	244	27243	0.40	ng	-0.01

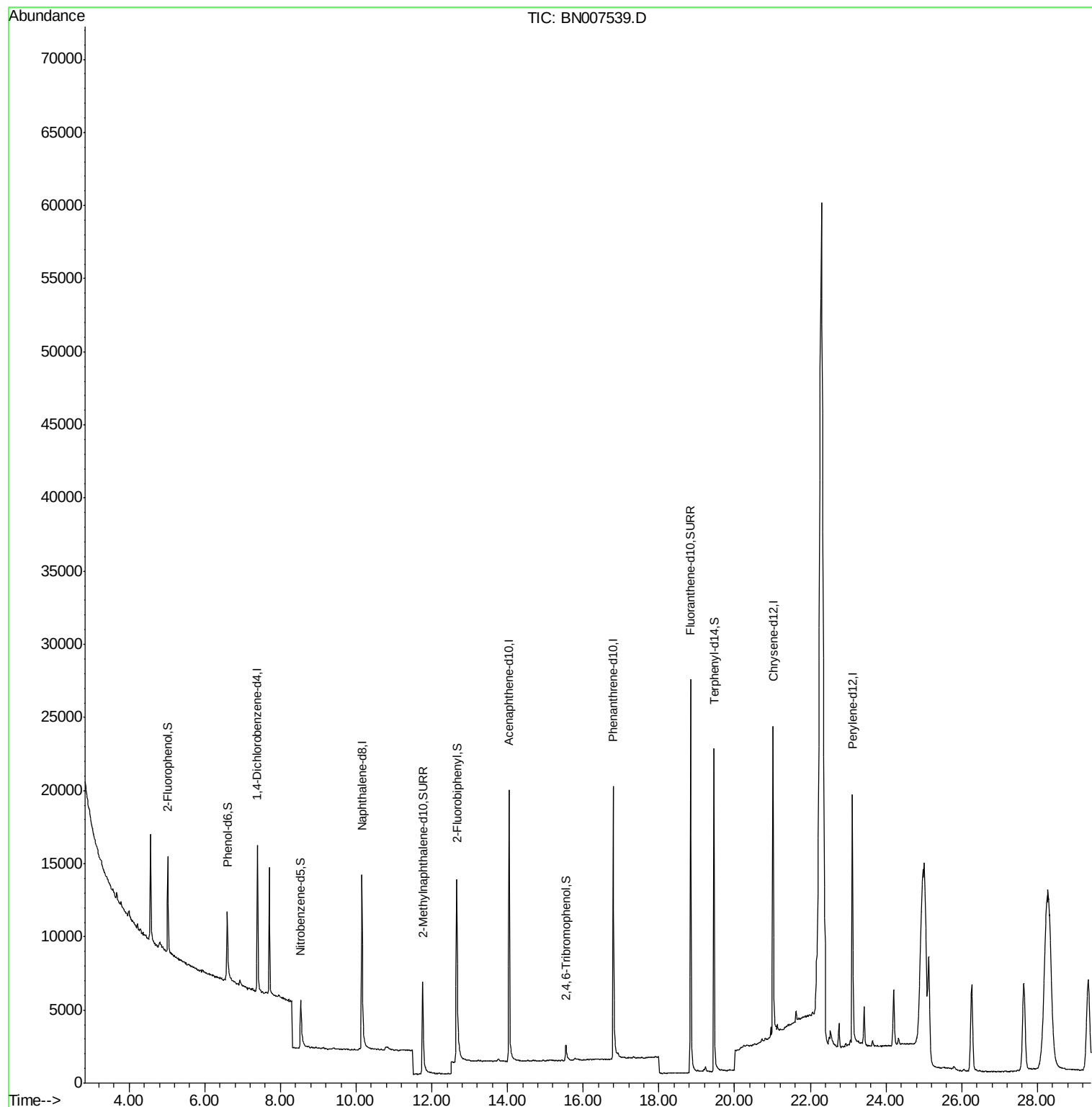
Target Compounds	Qvalue
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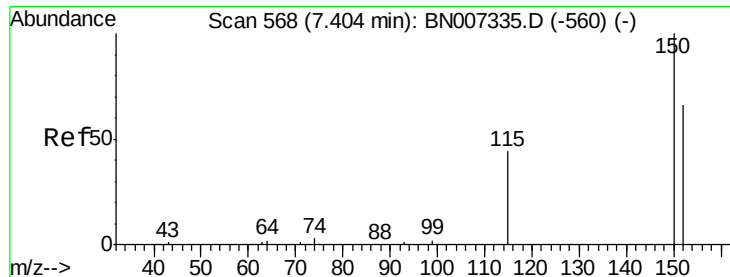
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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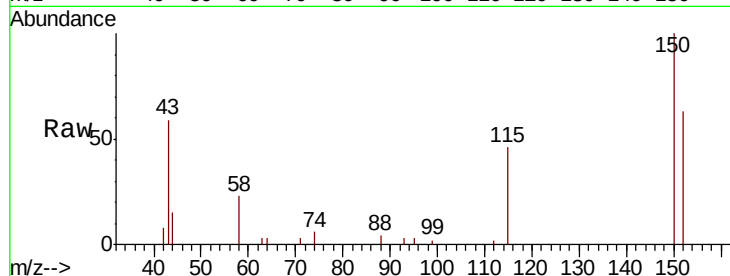


#1

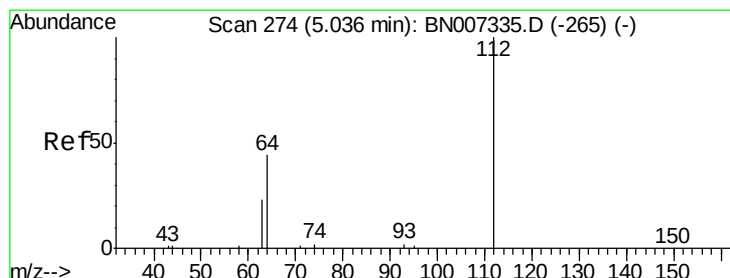
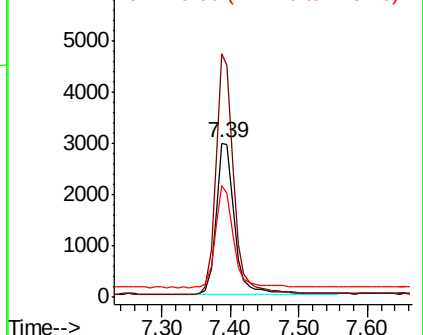
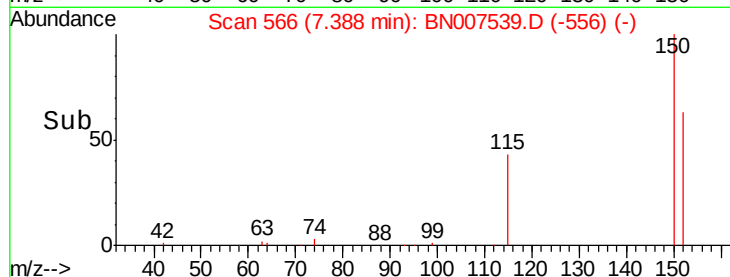
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 566
 Delta R.T. -0.02 min
 Lab File: BN007539.D
 Acq: 05 Sep 2019 18:52

Instrument :
 BNA_N
 ClientSampleId :
 PB122822BL

Tot Ion:152 Resp: 5489
 Ion Ratio Lower Upper
 152 100
 150 158.0 109.1 163.7
 115 72.8 59.6 89.4



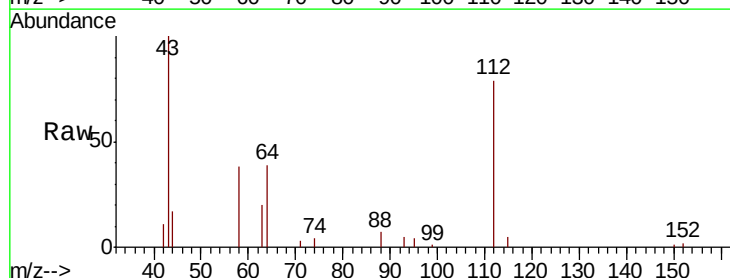
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



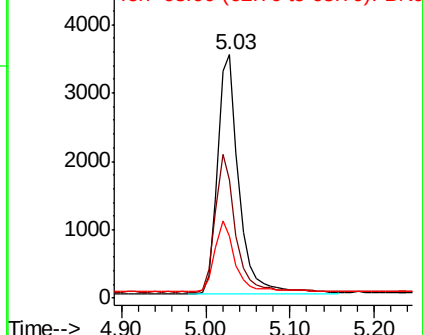
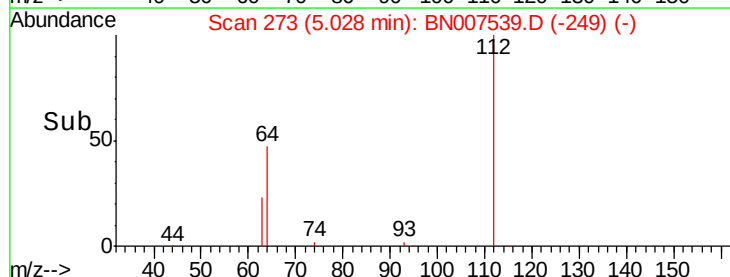
#4

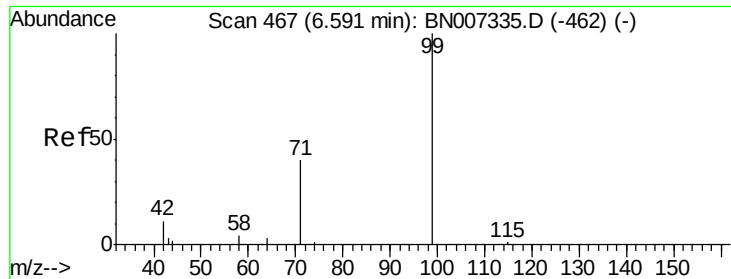
2-Fluorophenol
 Concen: 0.320 ng
 RT: 5.03 min Scan# 273
 Delta R.T. -0.01 min
 Lab File: BN007539.D
 Acq: 05 Sep 2019 18:52

Tgt Ion:112 Resp: 6207
 Ion Ratio Lower Upper
 112 100
 64 55.1 42.3 63.5
 63 28.4 23.6 35.4



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: 0.294 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007539.D

Acq: 05 Sep 2019 18:52

Instrument :

BNA_N

ClientSampleId :

PB122822BL

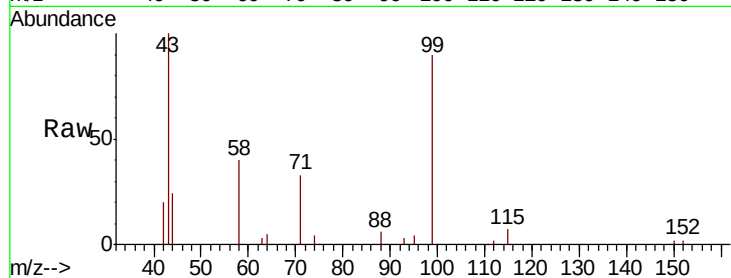
Tot Ion: 99 Resp: 7326

Ion Ratio Lower Upper

99 100

42 12.1 11.2 16.8

71 34.5 31.8 47.8



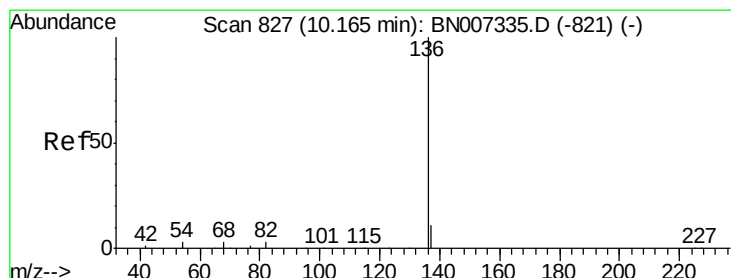
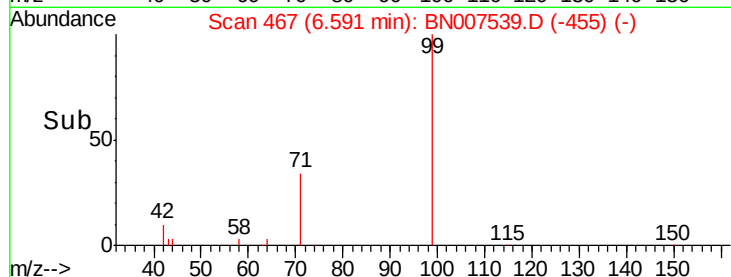
Abundance Ion 99.00 (98.70 to 99.70): BN007539.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007539.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007539.D (-462) (-)

6.59

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007539.D

Acq: 05 Sep 2019 18:52

Tgt Ion: 136 Resp: 22128

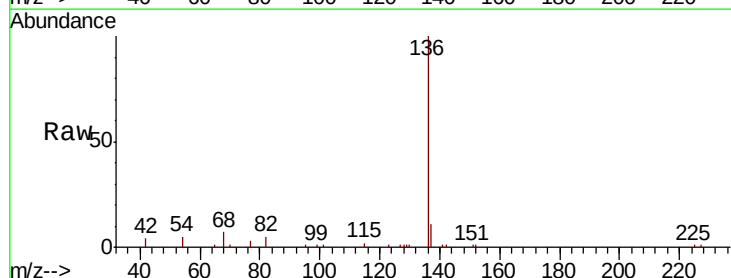
Ion Ratio Lower Upper

136 100

137 11.2 12.9 19.3#

54 4.9 8.6 12.8#

68 6.6 17.0 25.4#



Abundance Ion 136.00 (135.70 to 136.70): BN007539.D (-821) (-)

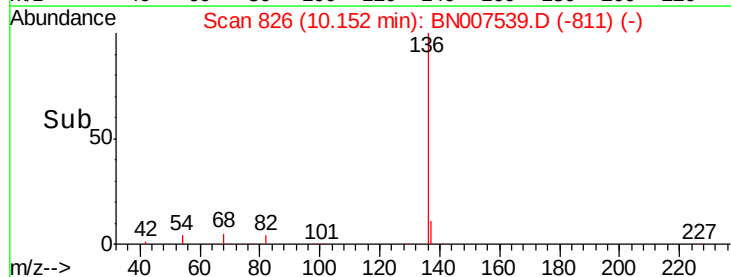
Ion 137.00 (136.70 to 137.70): BN007539.D (-821) (-)

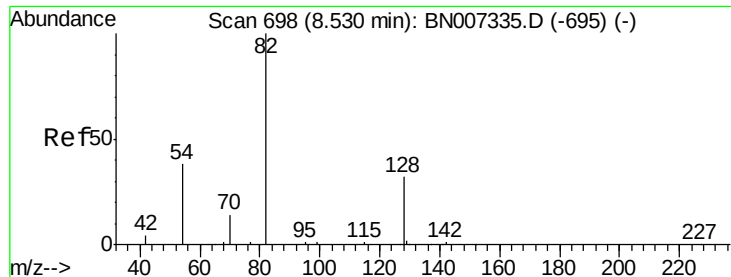
Ion 54.00 (53.70 to 54.70): BN007539.D (-821) (-)

Ion 68.00 (67.70 to 68.70): BN007539.D (-821) (-)

10.15

Time-->

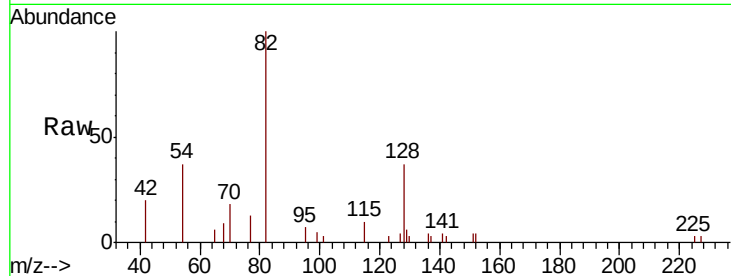




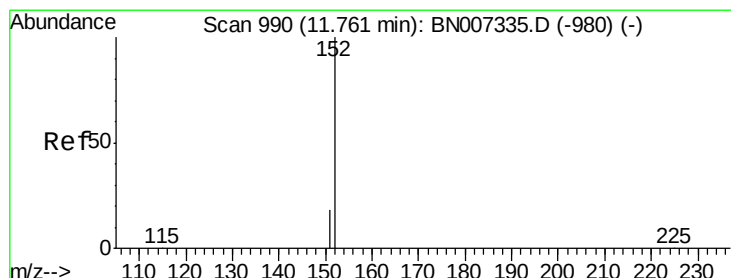
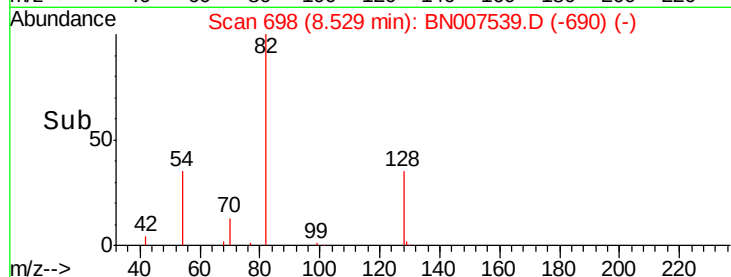
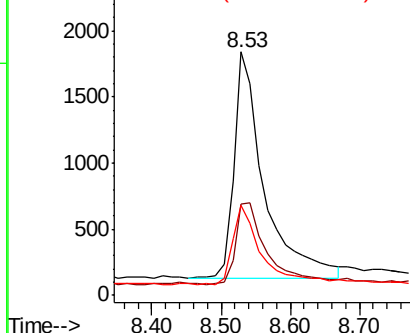
#8
 Nitrobenzene-d5
 Concen: 0.271 ng
 RT: 8.53 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BN007539.D
 Acq: 05 Sep 2019 18:52

Instrument :
 BNA_N
 ClientSampleId :
 PB122822BL

Tot Ion	82	Resp	5219
Ion Ratio	100	Lower	Upper
128	37.3	19.7	29.5#
54	37.0	25.8	38.6

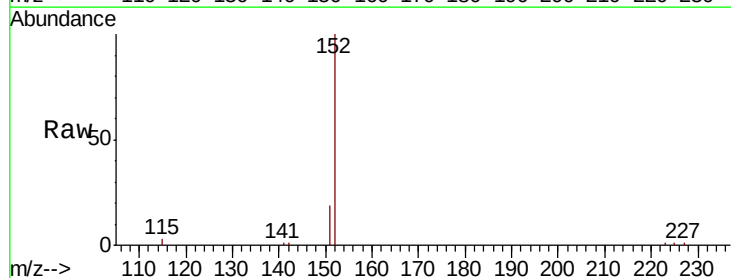


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

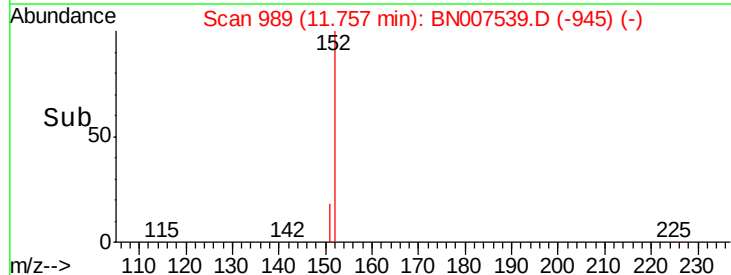
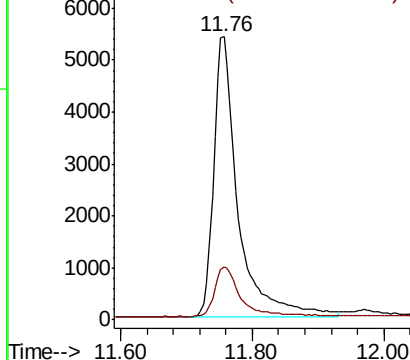


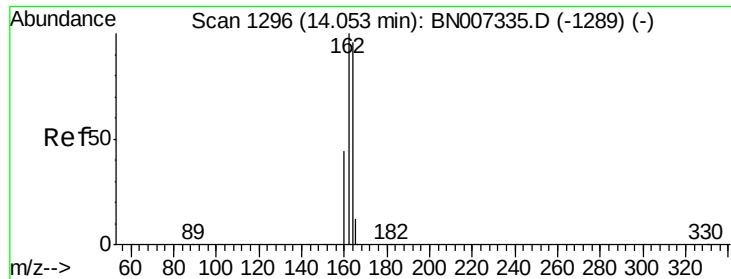
#11
 2-Methylnaphthalene-d10
 Concen: 0.374 ng
 RT: 11.76 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BN007539.D
 Acq: 05 Sep 2019 18:52

Tgt Ion	152	Resp	13765
Ion Ratio	100	Lower	Upper
151	19.1	16.2	24.2



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN007539.D

Acq: 05 Sep 2019 18:52

Instrument :

BNA_N

ClientSampleId :

PB122822BL

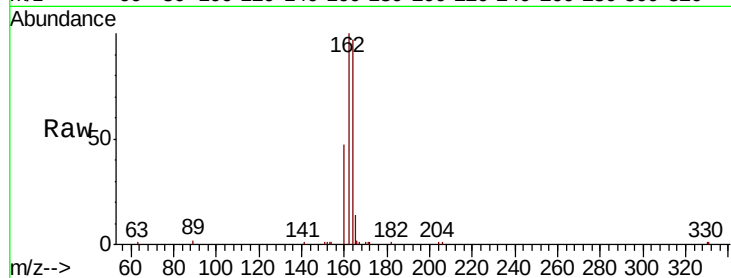
Tot Ion:164 Resp: 13648

Ion Ratio Lower Upper

164 100

162 103.6 83.5 125.3

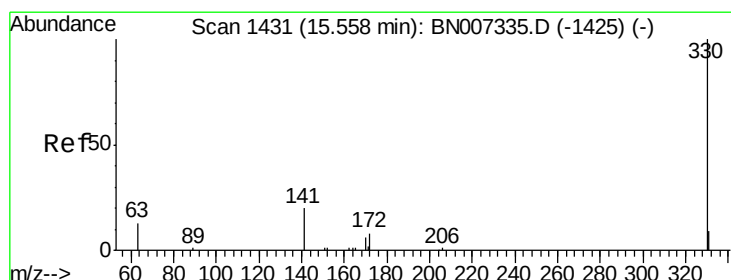
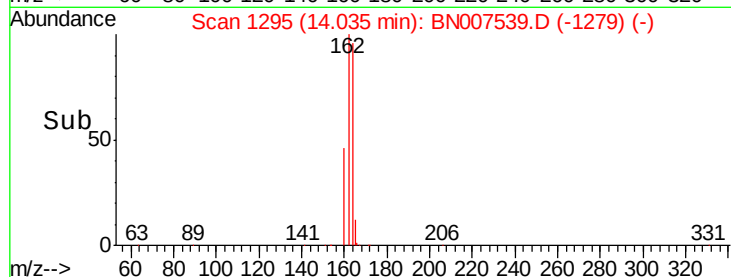
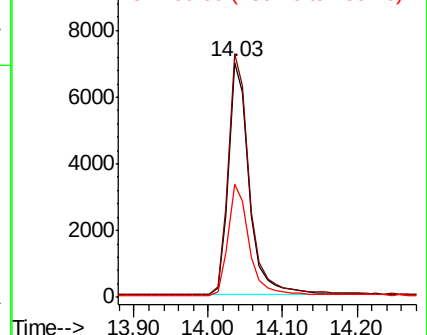
160 48.2 38.2 57.4



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: 0.205 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007539.D

Acq: 05 Sep 2019 18:52

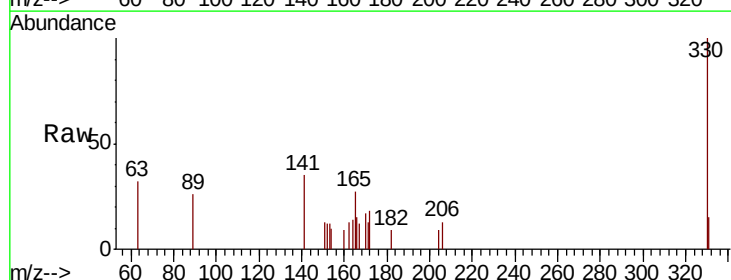
Tgt Ion:330 Resp: 1467

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

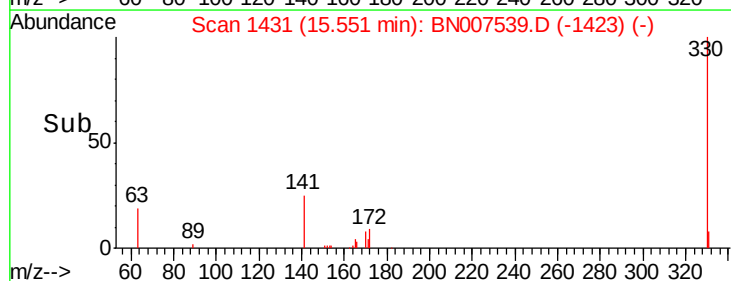
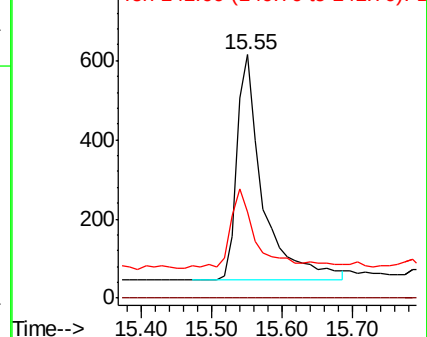
141 32.9 26.9 40.3

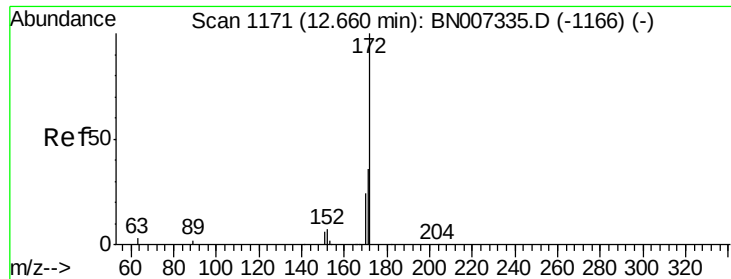


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

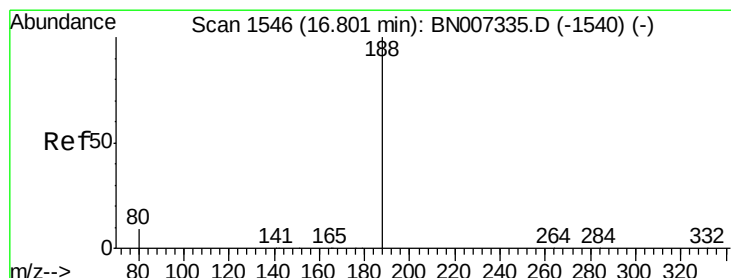
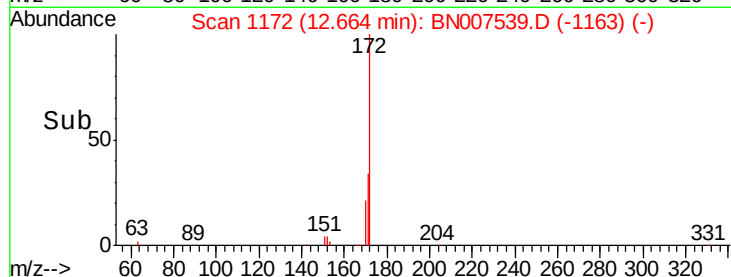
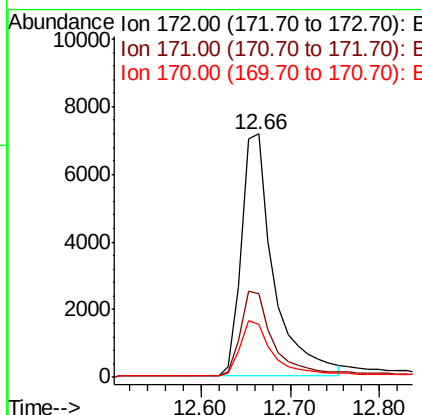
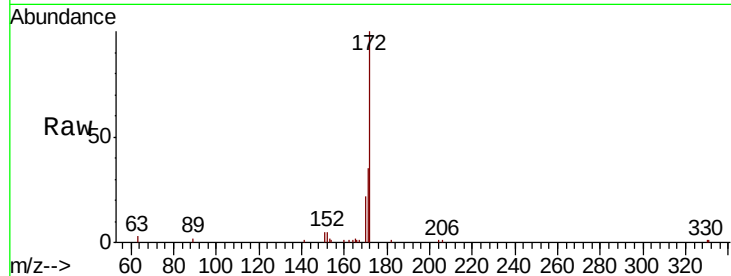




#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BN007539.D
Acq: 05 Sep 2019 18:52

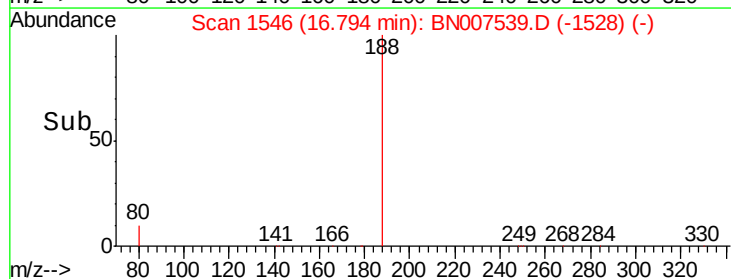
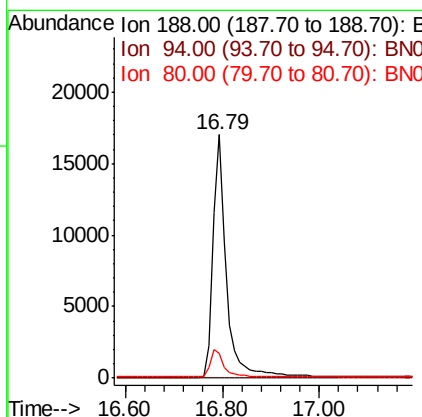
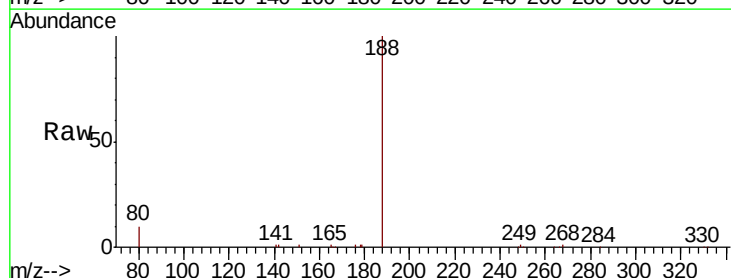
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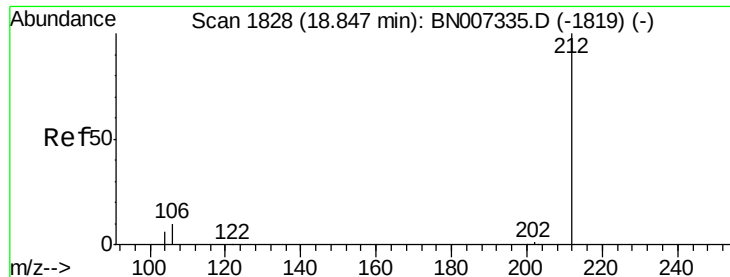
Tot Ion:172 Resp: 18080
Ion Ratio Lower Upper
172 100
171 34.6 30.3 45.5
170 21.9 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007539.D
Acq: 05 Sep 2019 18:52

Tgt Ion:188 Resp: 32834
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 11.8 17.8#





#25

Fluoranthene-d10

Concen: 0.334 ng

RT: 18.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BN007539.D

Acq: 05 Sep 2019 18:52

Instrument :

BNA_N

ClientSampleId :

PB122822BL

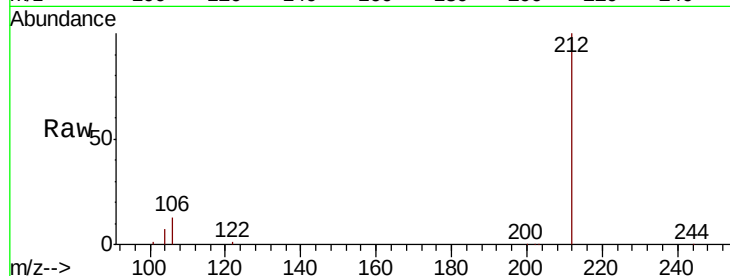
Tot Ion:212 Resp: 35303

Ion Ratio Lower Upper

212 100

106 12.8 9.0 13.4

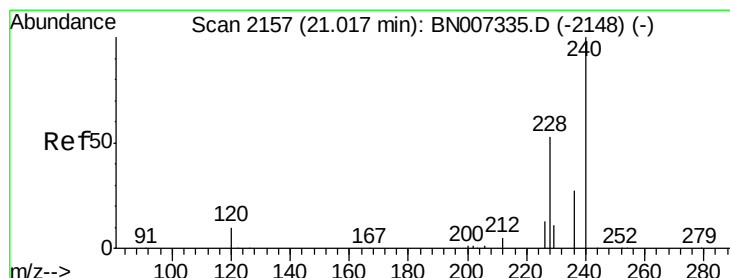
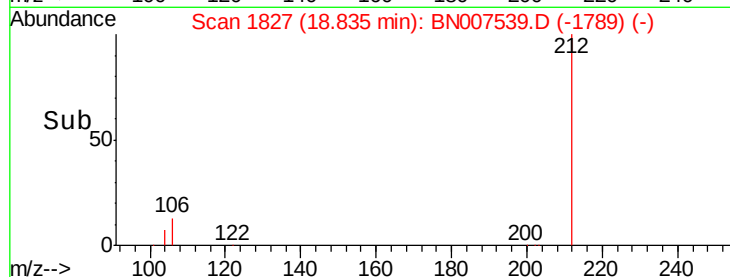
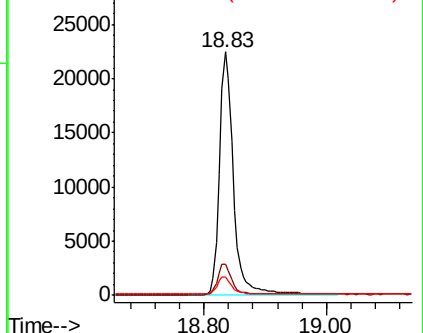
104 7.2 5.4 8.2



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007539.D

Acq: 05 Sep 2019 18:52

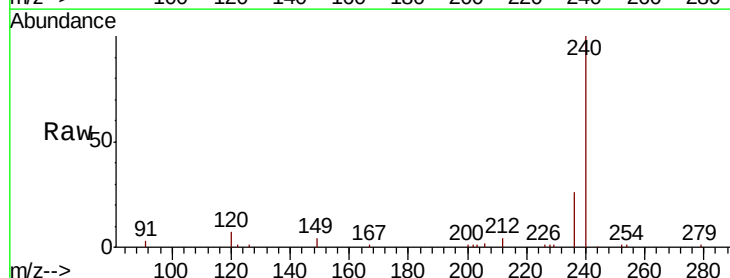
Tgt Ion:240 Resp: 25747

Ion Ratio Lower Upper

240 100

120 7.1 9.6 14.4#

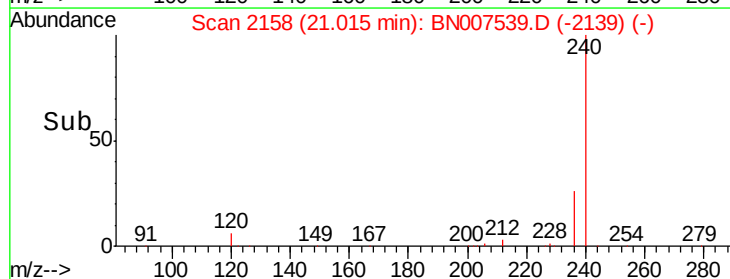
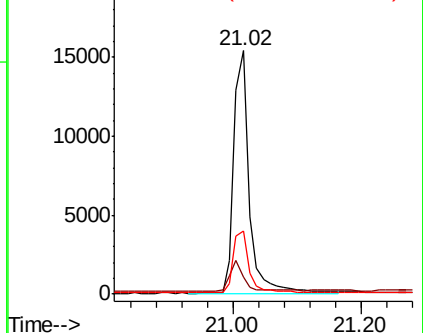
236 26.1 22.2 33.2

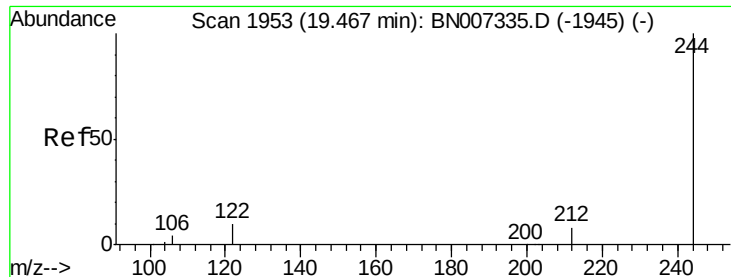


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.404 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BN007539.D

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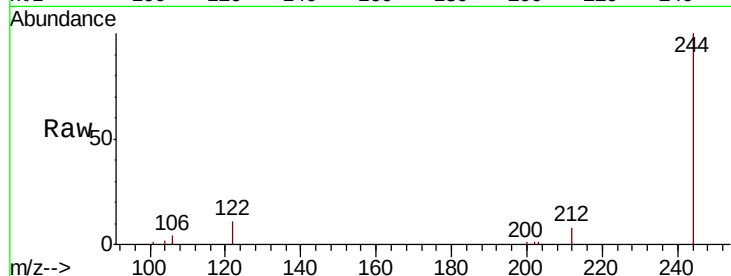
Tot Ion:244 Resp: 27243

Ion Ratio Lower Upper

244 100

212 7.8 7.0 10.6

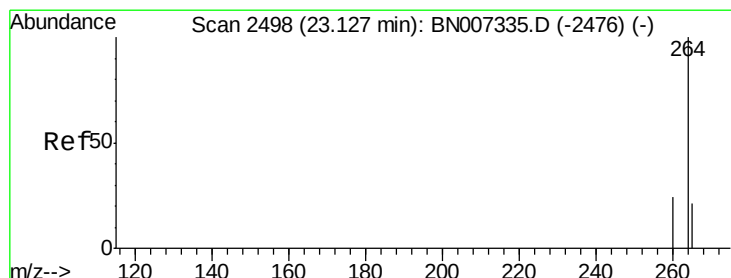
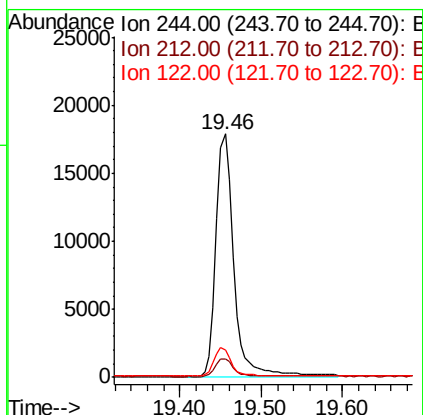
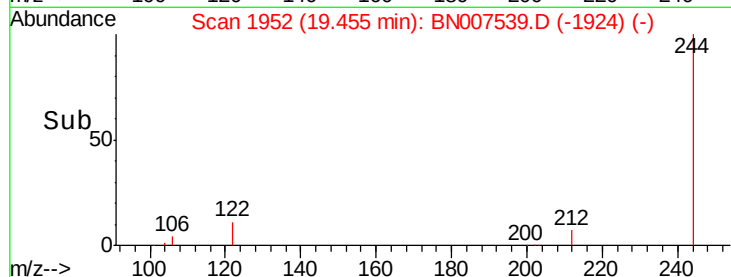
122 11.2 9.6 14.4



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.11 min Scan# 2495

Delta R.T. -0.02 min

Lab File: BN007539.D

Acq: 05 Sep 2019 18:52

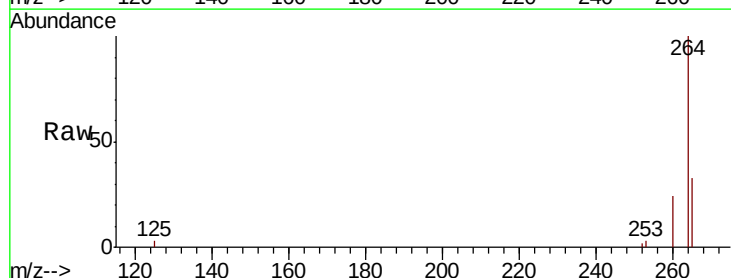
Tgt Ion:264 Resp: 24709

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 32.6 29.9 44.9



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

