

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010966.D
 Acq On : 19 Jun 2020 12:49
 Operator : CG/JU
 Sample : PB129600BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129600BL

Quant Time: Jun 19 13:25:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 12:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2692	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	8530	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4010	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	9255	0.40	ng	0.01
27) Chrysene-d12	21.12	240	5634	0.40	ng	0.00
34) Perylene-d12	23.26	264	387	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	2426	0.47	ng	0.00
5) Phenol-d6	6.73	99	2490	0.41	ng	0.00
8) Nitrobenzene-d5	8.67	82	2859	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	4868	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	645	0.45	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	8559	0.54	ng	0.00
25) Fluoranthene-d10	18.95	212	8414	0.33	ng	0.00
29) Terphenyl-d14	19.56	244	9649	0.73	ng	0.00

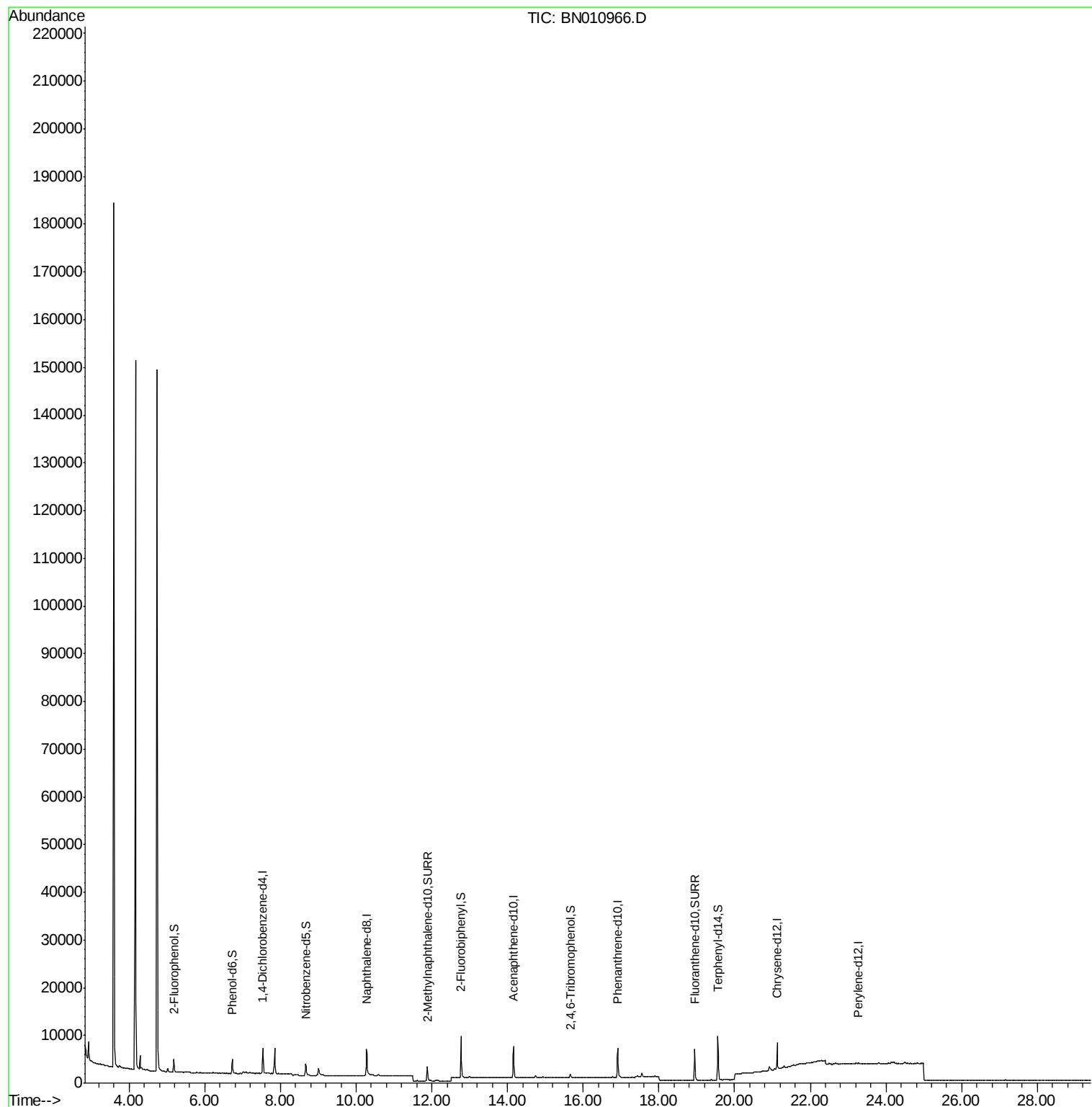
Target Compounds	Qvalue
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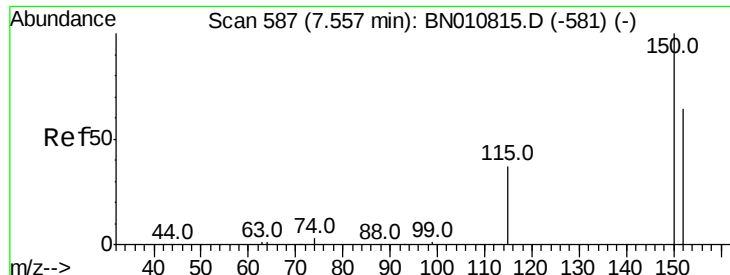
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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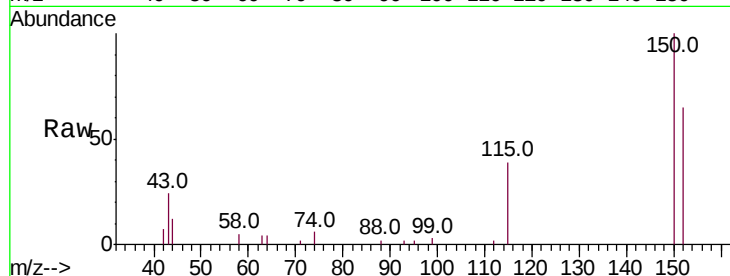


#1

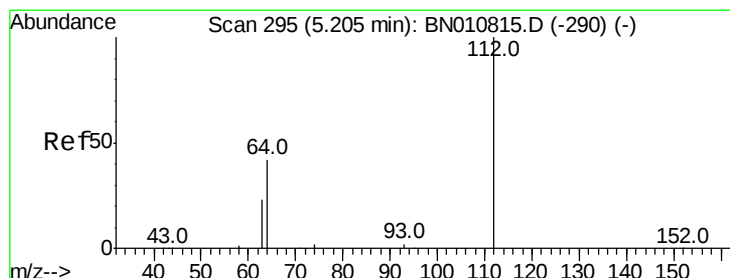
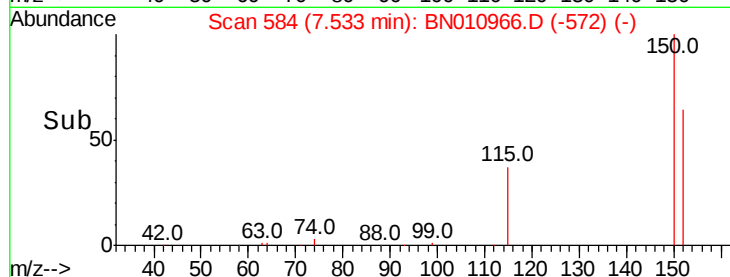
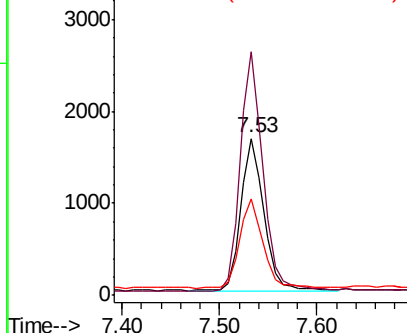
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010966.D
Acq: 19 Jun 2020 12:49

Instrument :
BNA_N
ClientSampleId :
PB129600BL

Tot Ion:152 Resp: 2692
Ion Ratio Lower Upper
152 100
150 154.9 123.8 185.6
115 61.0 49.2 73.8



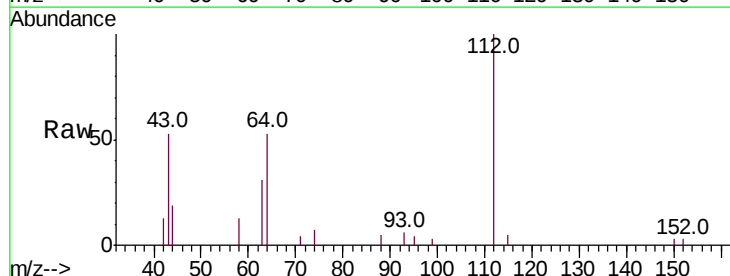
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



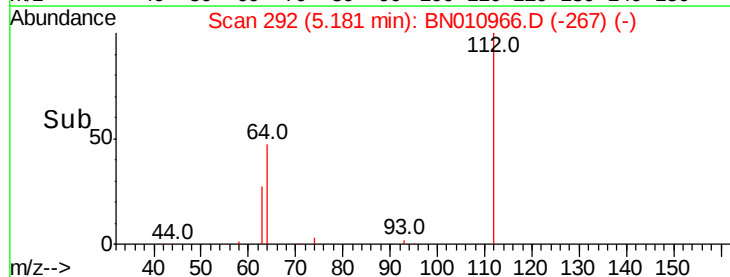
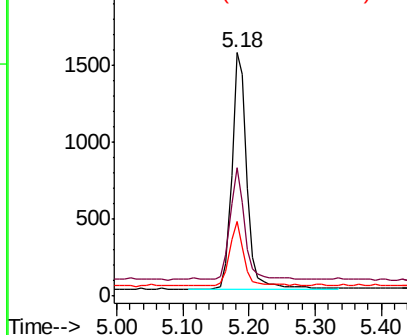
#4

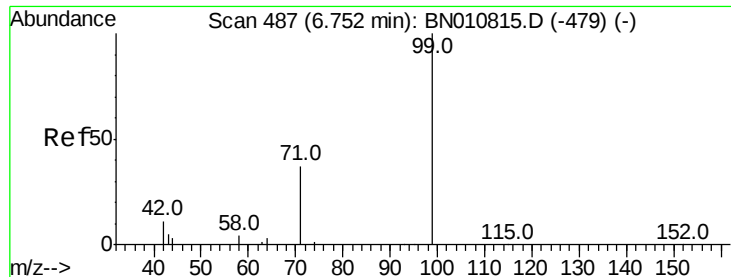
2-Fluorophenol
Concen: 0.467 ng
RT: 5.18 min Scan# 292
Delta R.T. -0.00 min
Lab File: BN010966.D
Acq: 19 Jun 2020 12:49

Tgt Ion:112 Resp: 2426
Ion Ratio Lower Upper
112 100
64 46.1 37.4 56.0
63 25.1 22.2 33.4



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: 0.407 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010966.D

Acq: 19 Jun 2020 12:49

Instrument :

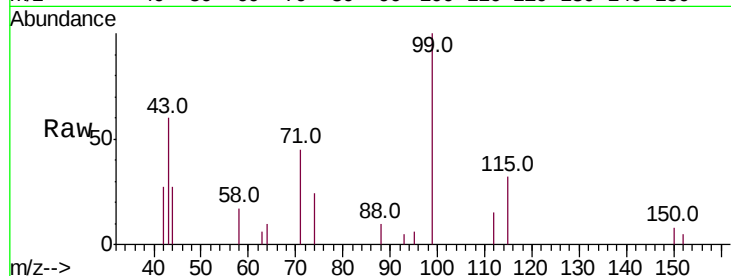
BNA_N

ClientSampleId :

PB129600BL

Tot Ion: 99 Resp: 2490

Ion	Ratio	Lower	Upper
99	100		
42	13.7	11.1	16.7
71	37.8	31.4	47.2

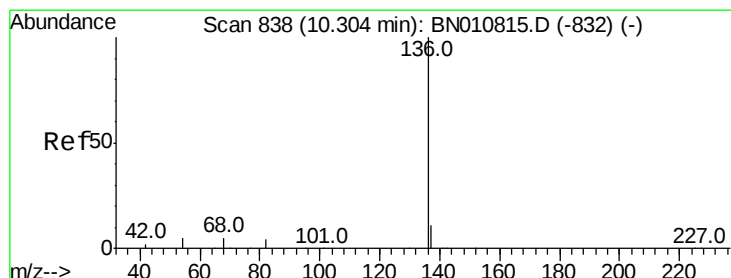
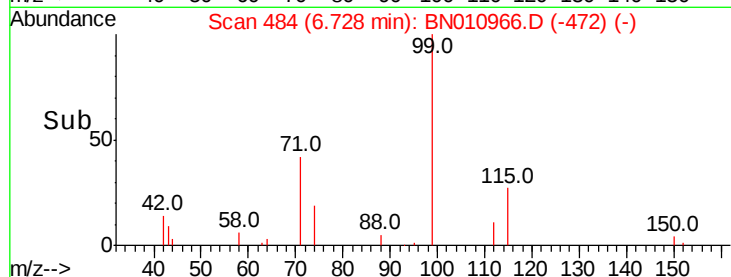


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

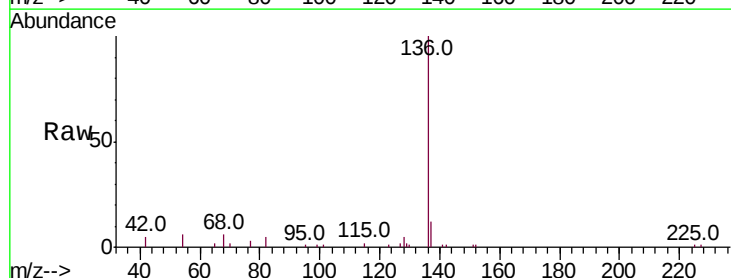
Delta R.T. -0.00 min

Lab File: BN010966.D

Acq: 19 Jun 2020 12:49

Tgt Ion: 136 Resp: 8530

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	5.6	4.9	7.3
68	5.9	4.7	7.1



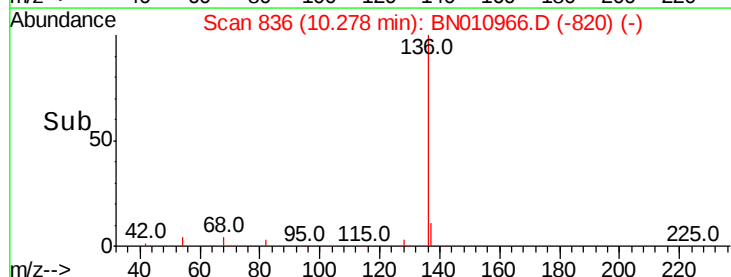
Abundance

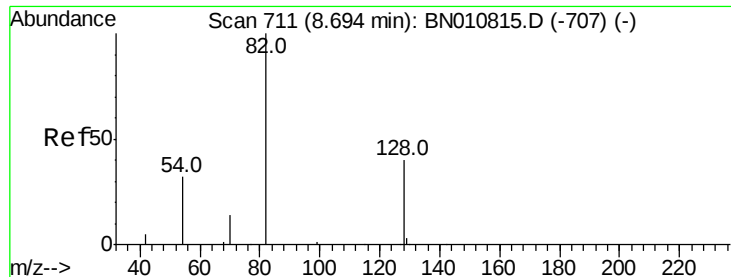
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0

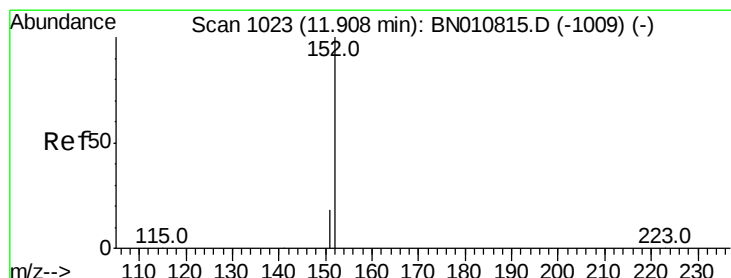
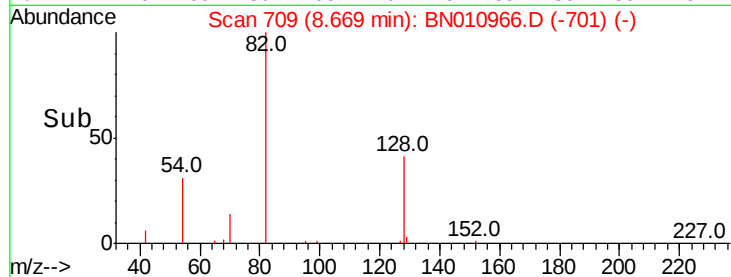
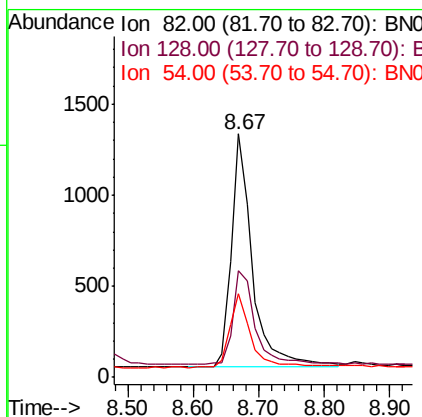
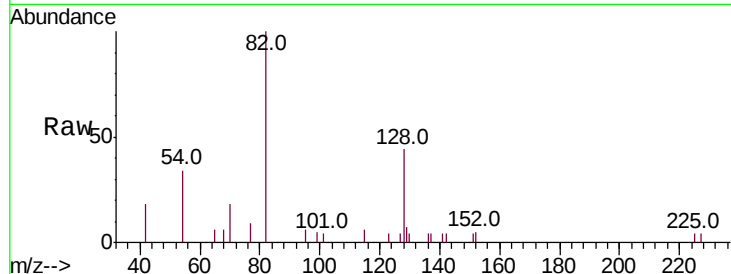




#8
 Nitrobenzene-d5
 Concen: 0.453 ng
 RT: 8.67 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BN010966.D
 Acq: 19 Jun 2020 12:49

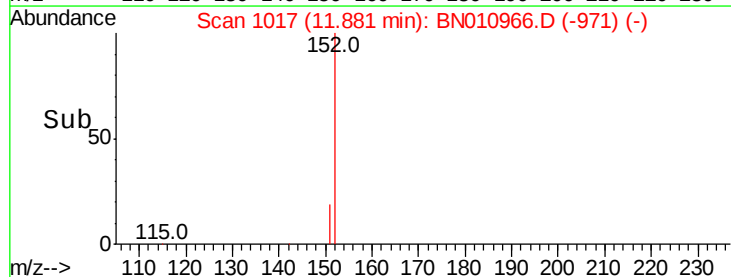
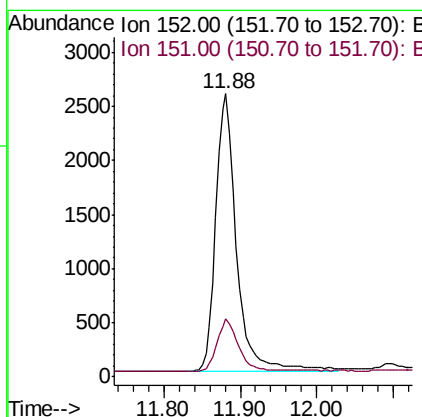
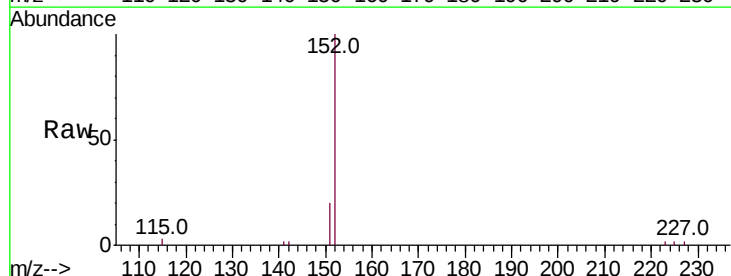
Instrument :
 BNA_N
 ClientSampleId :
 PB129600BL

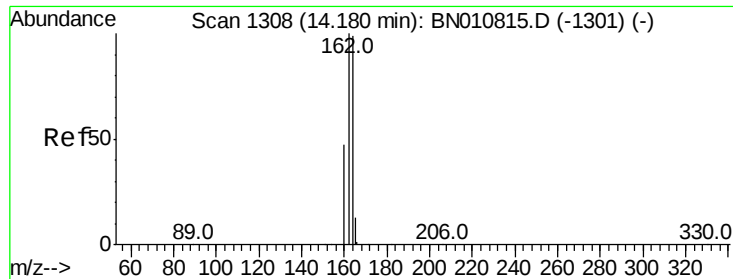
Tot Ion	82	Resp	2859
Ion Ratio	Lower	Upper	
82	100		
128	44.1	35.4	53.0
54	34.3	28.2	42.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.368 ng
 RT: 11.88 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BN010966.D
 Acq: 19 Jun 2020 12:49

Tgt Ion	152	Resp	4868
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.3	22.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010966.D

Acq: 19 Jun 2020 12:49

Instrument :

BNA_N

ClientSampleId :

PB129600BL

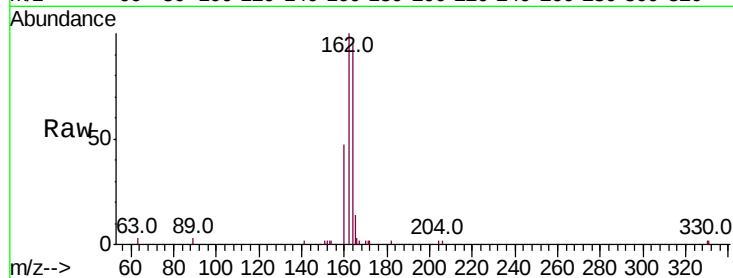
Tot Ion:164 Resp: 4010

Ion Ratio Lower Upper

164 100

162 103.8 81.0 121.6

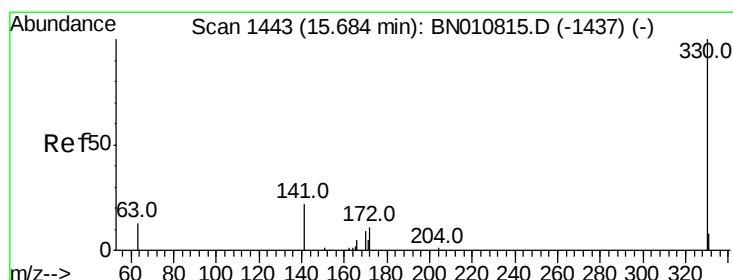
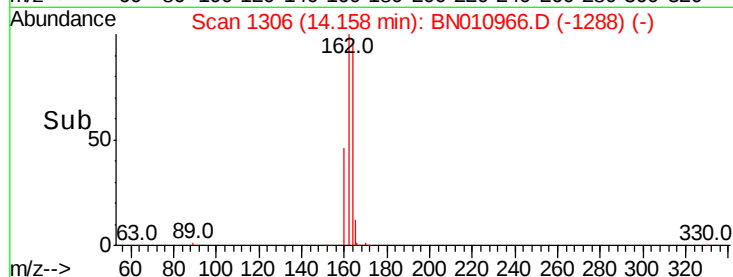
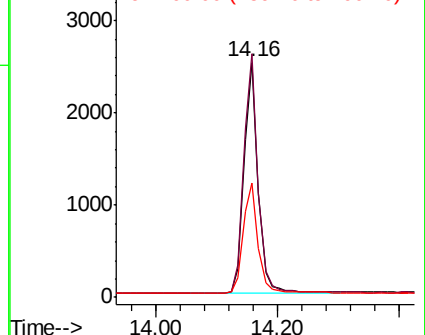
160 48.8 38.9 58.3



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: 0.450 ng

RT: 15.66 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BN010966.D

Acq: 19 Jun 2020 12:49

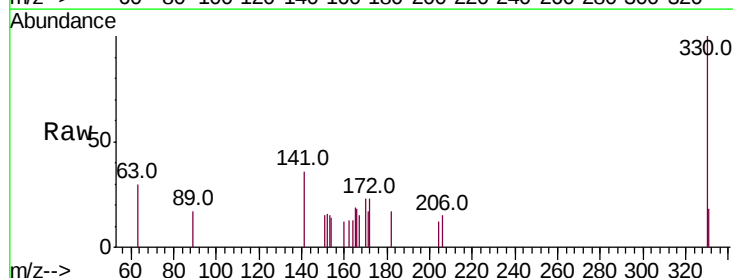
Tgt Ion:330 Resp: 645

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

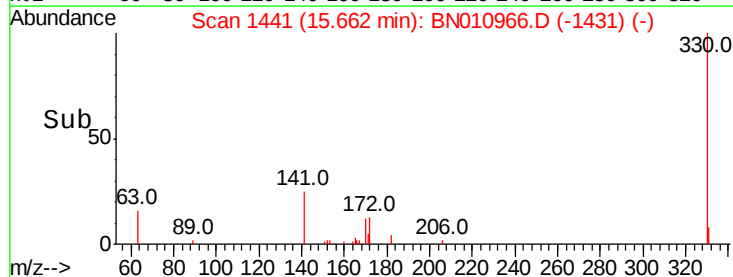
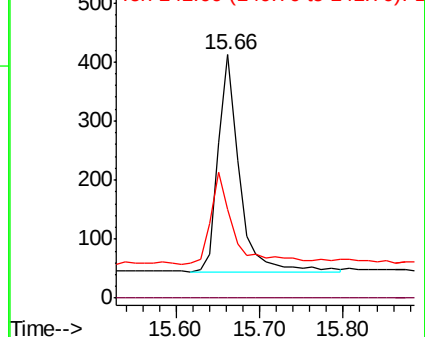
141 46.5 33.2 49.8

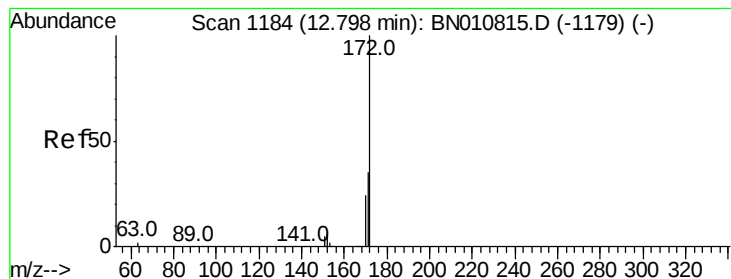


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.541 ng

RT: 12.78 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BN010966.D

Acq: 19 Jun 2020 12:49

Instrument :

BNA_N

ClientSampleId :

PB129600BL

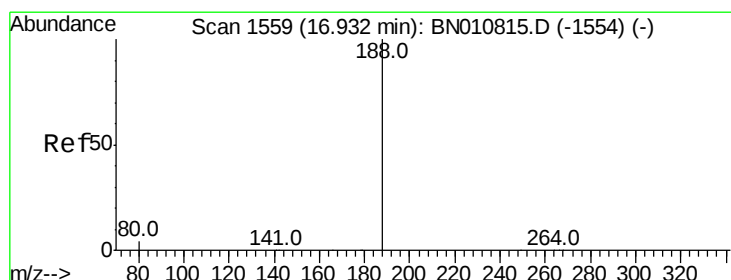
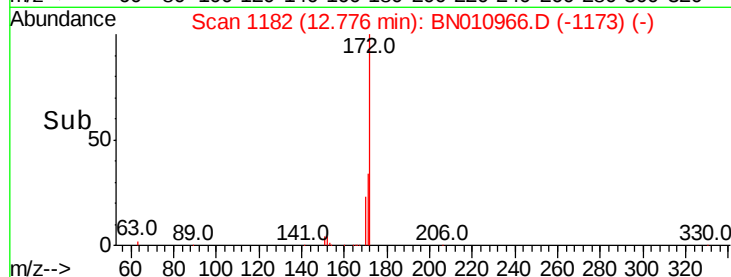
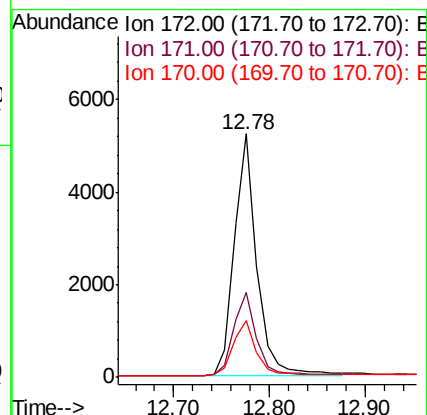
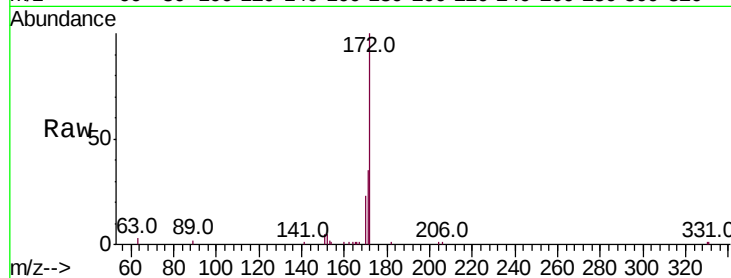
Tot Ion:172 Resp: 8559

Ion Ratio Lower Upper

172 100

171 34.6 28.5 42.7

170 23.4 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BN010966.D

Acq: 19 Jun 2020 12:49

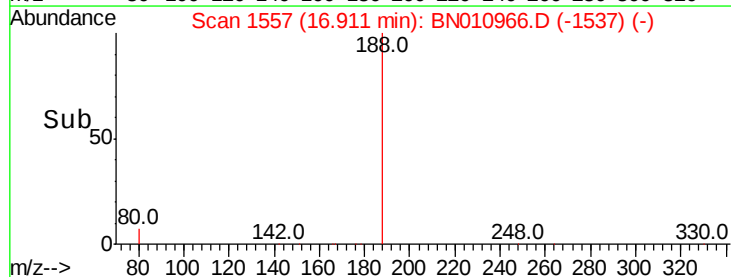
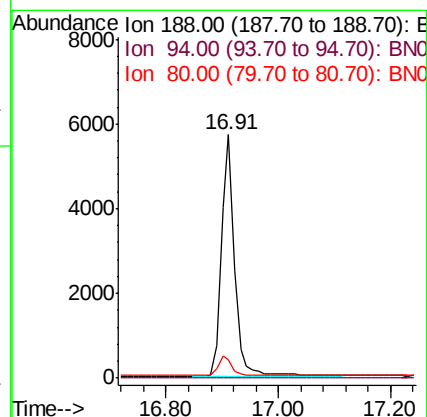
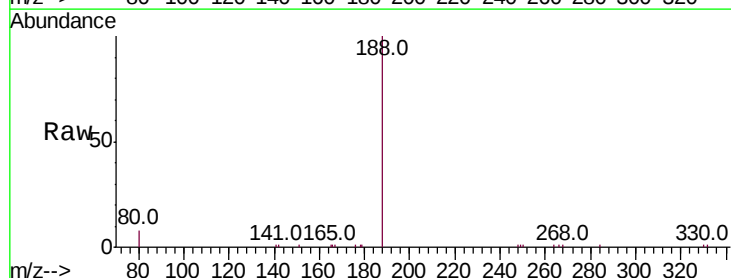
Tgt Ion:188 Resp: 9255

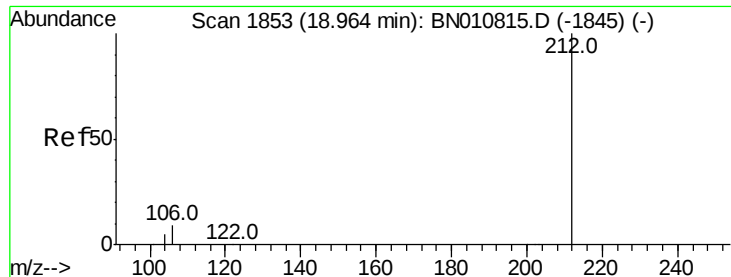
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.6 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.329 ng

RT: 18.95 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BN010966.D

Acq: 19 Jun 2020 12:49

Instrument :

BNA_N

ClientSampleId :

PB129600BL

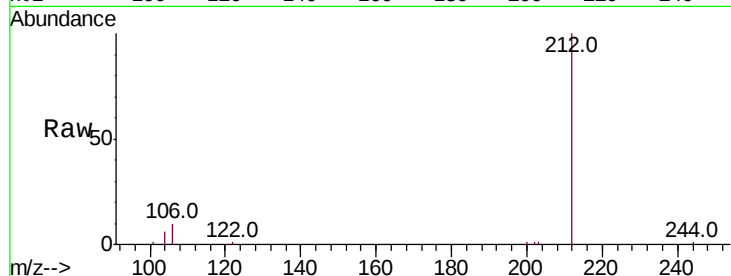
Tot Ion:212 Resp: 8414

Ion Ratio Lower Upper

212 100

106 10.0 6.6 10.0#

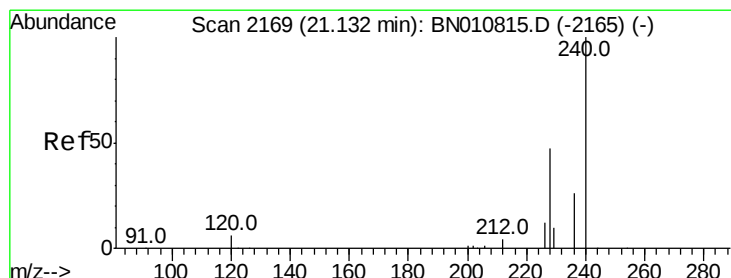
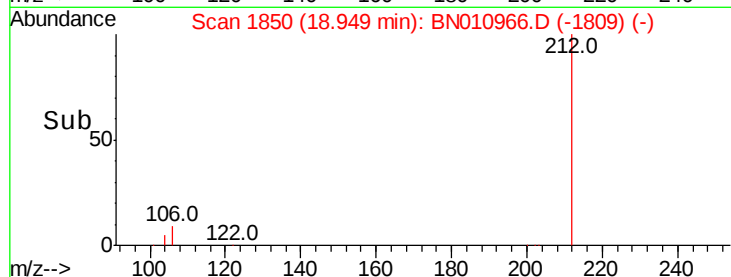
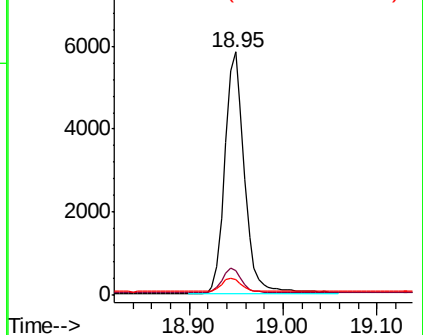
104 5.7 4.0 6.0



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: 21.12 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BN010966.D

Acq: 19 Jun 2020 12:49

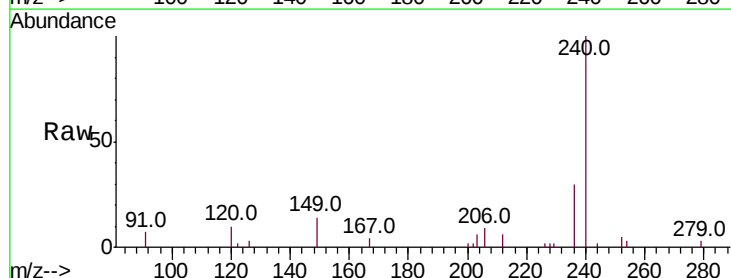
Tgt Ion:240 Resp: 5634

Ion Ratio Lower Upper

240 100

120 9.7 7.5 11.3

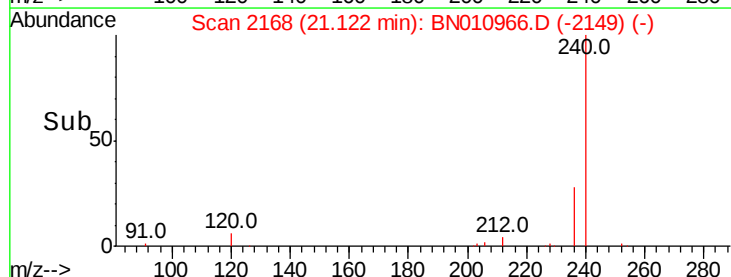
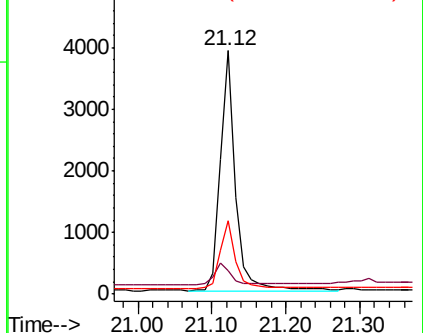
236 30.3 22.3 33.5

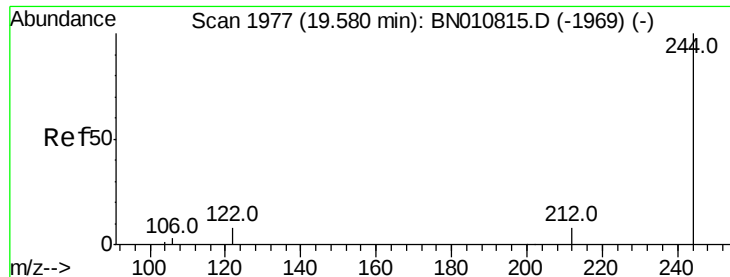


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.732 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN010966.D

Acq: 19 Jun 2020 12:49

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BNA_N

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PB129600BL

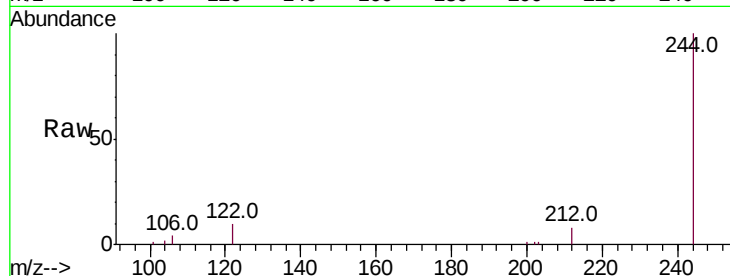
Tot Ion:244 Resp: 9649

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

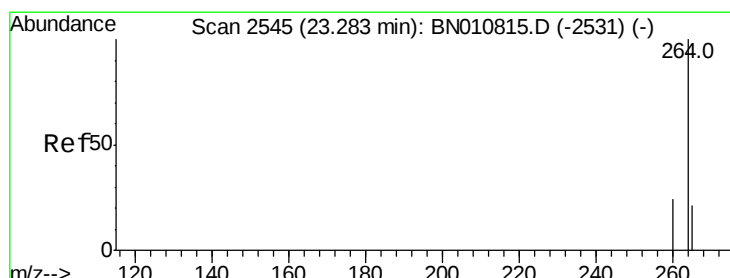
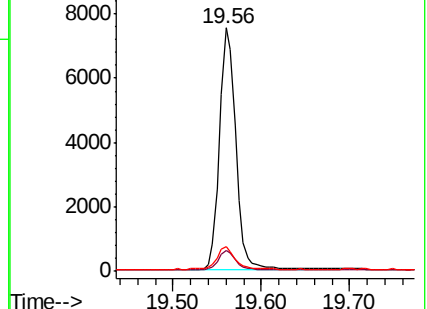
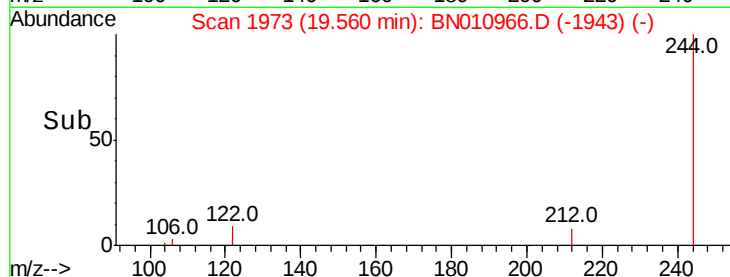
122 10.1 7.5 11.3



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.26 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BN010966.D

Acq: 19 Jun 2020 12:49

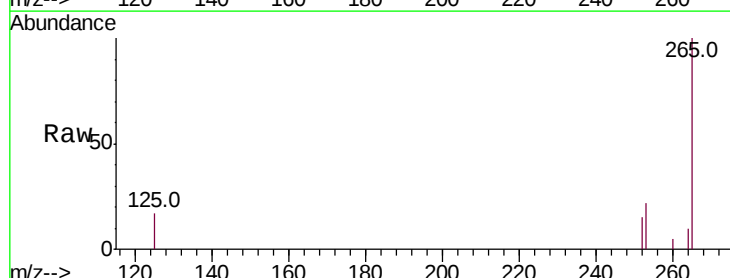
Tgt Ion:264 Resp: 387

Ion Ratio Lower Upper

264 100

260 47.6 20.4 30.6#

265 1013.1 75.0 112.4#



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

