

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
 Data File : BM024632.D
 Acq On : 27 Jan 2020 17:40
 Operator : CG/JU
 Sample : L1265-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 28 05:35:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

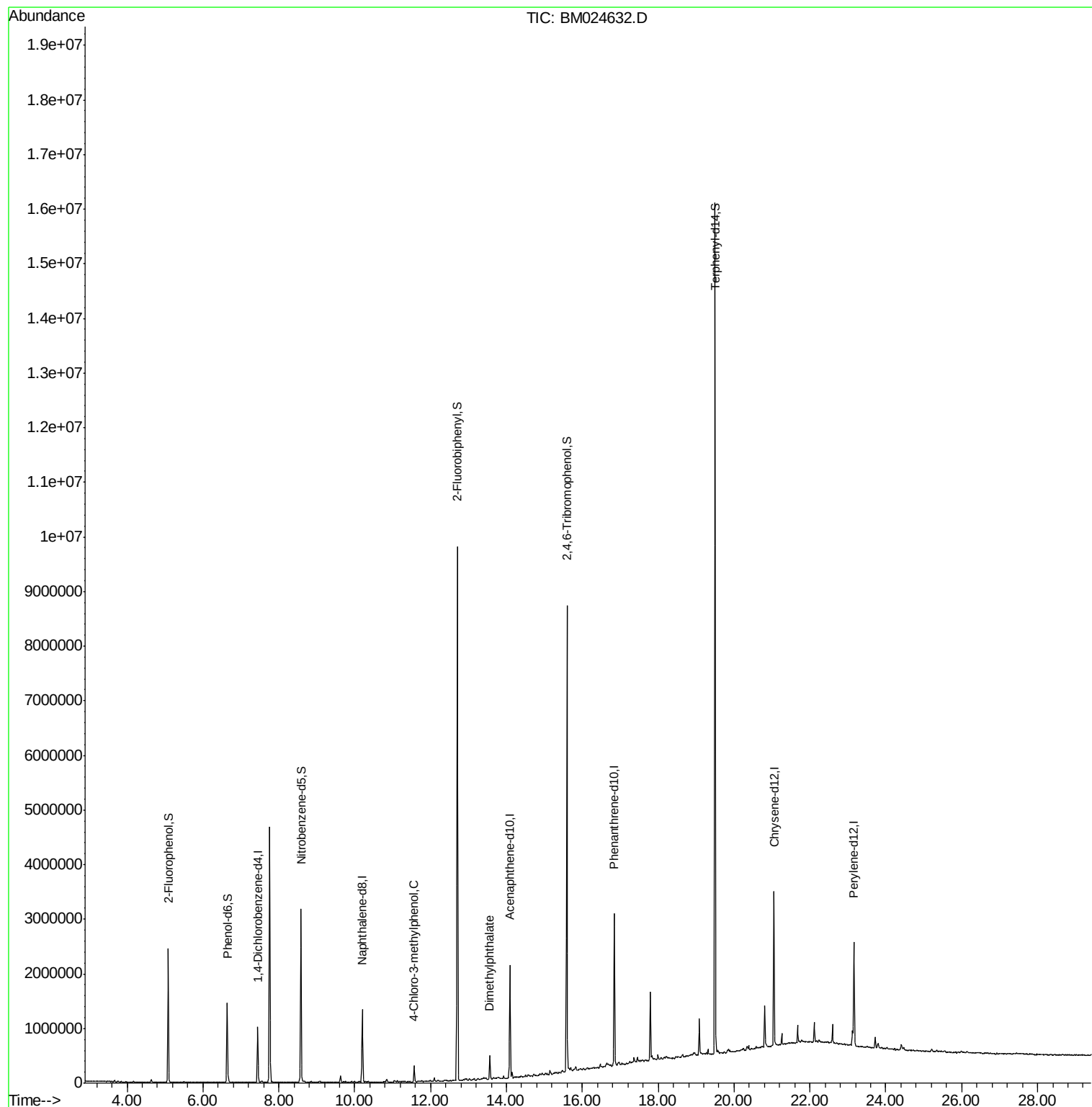
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	286653	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1096143	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	749117	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1669908	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1347654	20.00	ng	0.00
87) Perylene-d12	23.16	264	1361908	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1044372	69.29	ng	0.00
7) Phenol-d6	6.64	99	802787	38.66	ng	0.00
23) Nitrobenzene-d5	8.58	82	1871898	83.75	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1801910	147.87	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	5228432	94.89	ng	0.00
79) Terphenyl-d14	19.50	244	8169519	113.17	ng	0.00
Target Compounds						
36) 4-Chloro-3-methylphenol	11.57	107	60518	3.126	ng	Qvalue # 20
50) Dimethylphthalate	13.56	163	287530	4.747	ng	99

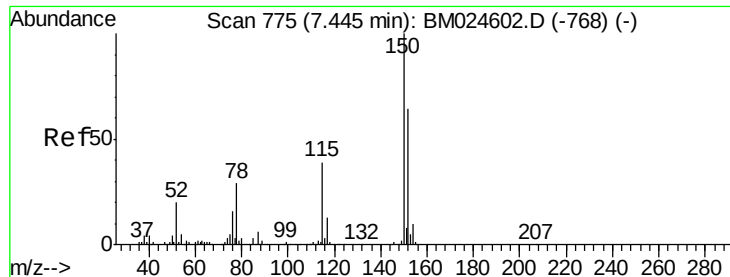
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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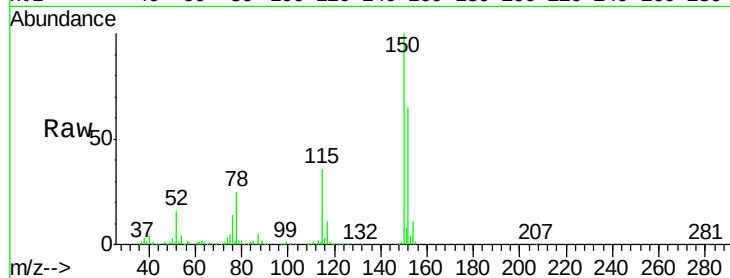


#1

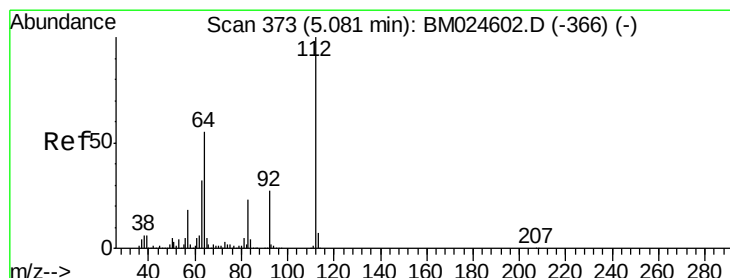
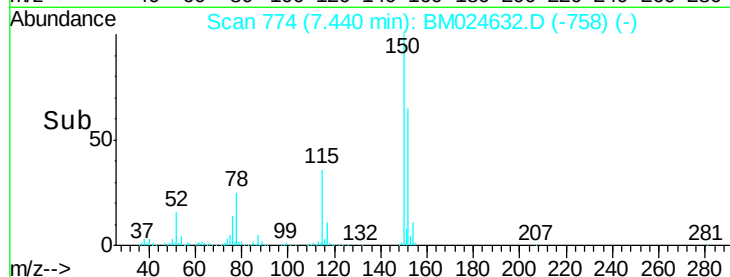
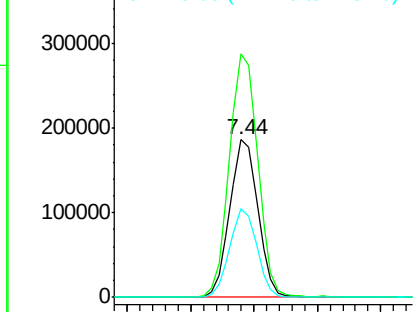
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024632.D
Acq: 27 Jan 2020 17:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.2	186.4
115	55.8	48.6	72.8



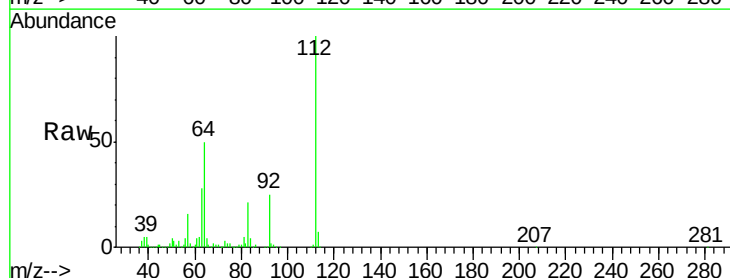
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



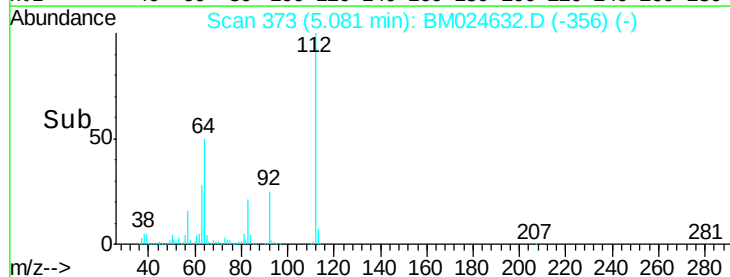
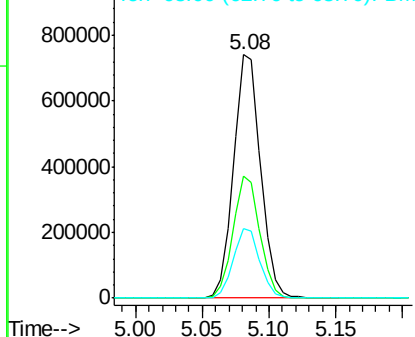
#5

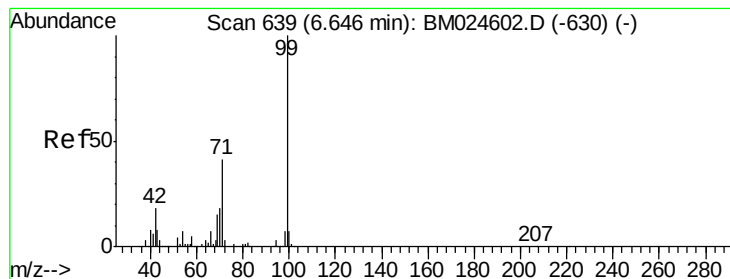
2-Fluorophenol
Concen: 69.287 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM024632.D
Acq: 27 Jan 2020 17:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.1	44.2	66.4
63	28.3	25.9	38.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 38.662 ng

RT: 6.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM024632.D

Acq: 27 Jan 2020 17:40

Instrument :

BNA_M

ClientSampleId :

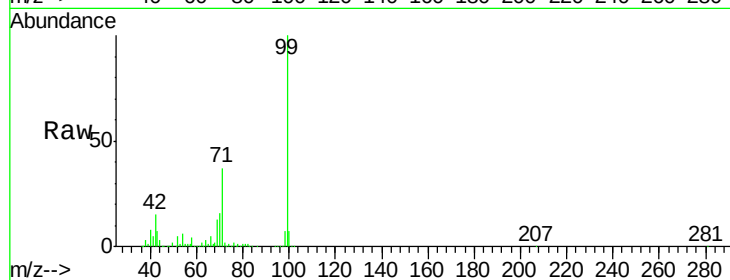
Tot Ion: 99 Resp: 802787

Ion Ratio Lower Upper

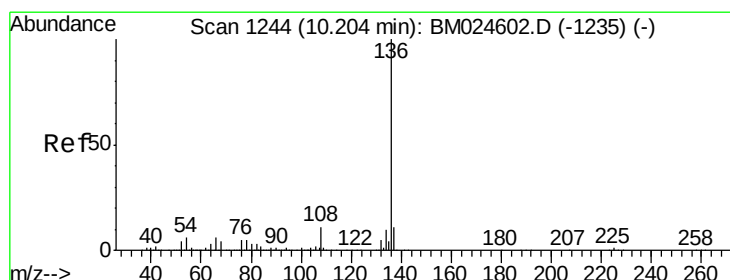
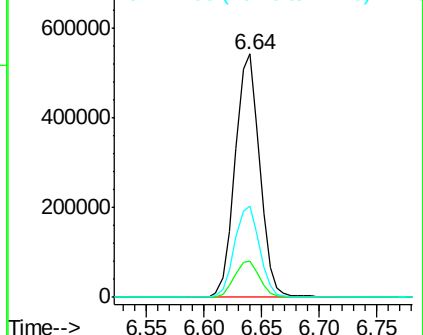
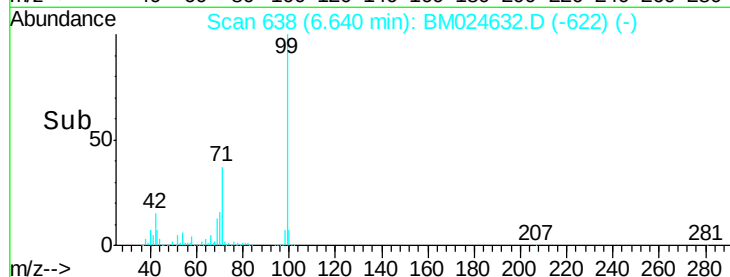
99 100

42 14.8 14.1 21.1

71 37.5 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024632.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM024632.D

Acq: 27 Jan 2020 17:40

Tgt Ion: 136 Resp: 1096143

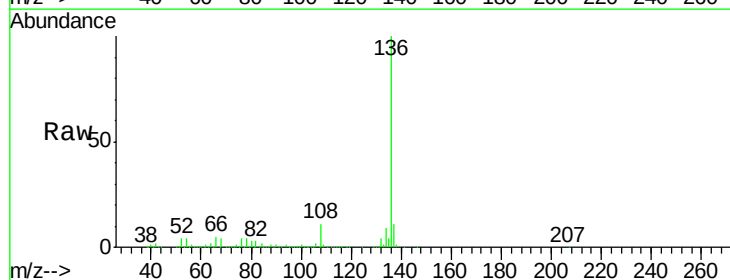
Ion Ratio Lower Upper

136 100

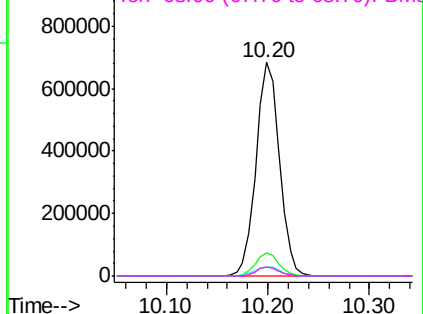
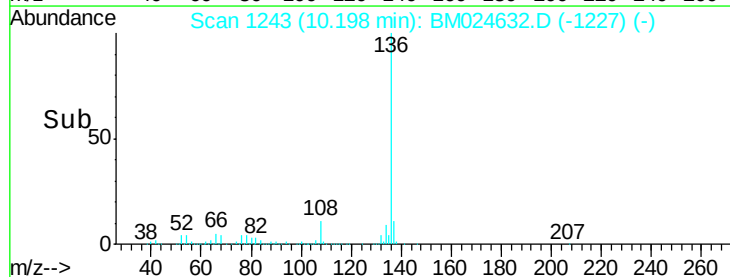
137 10.7 8.6 13.0

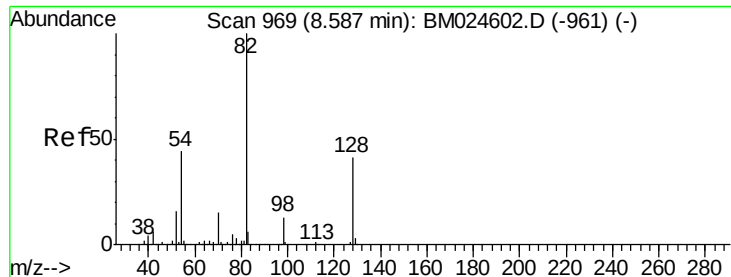
54 4.4 4.5 6.7#

68 4.1 3.4 5.0



Abundance Ion 136.00 (135.70 to 136.70): BM024632.D (-1227) (-)



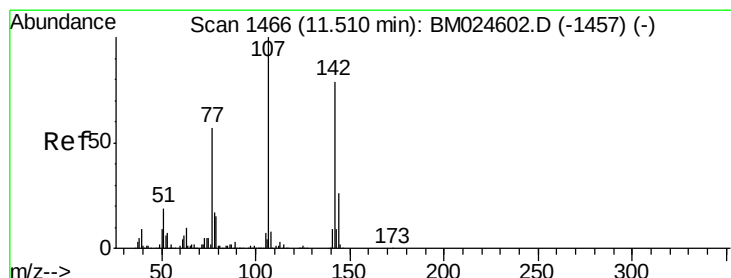
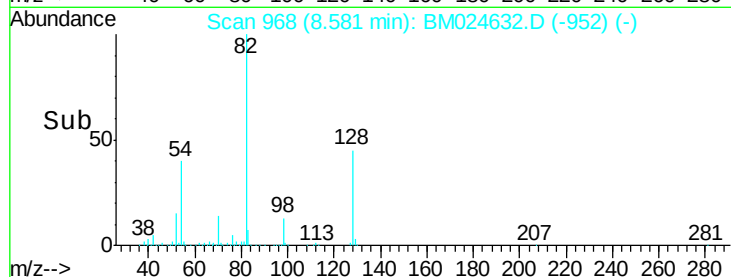
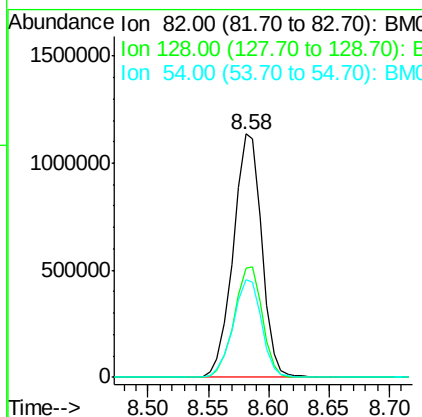
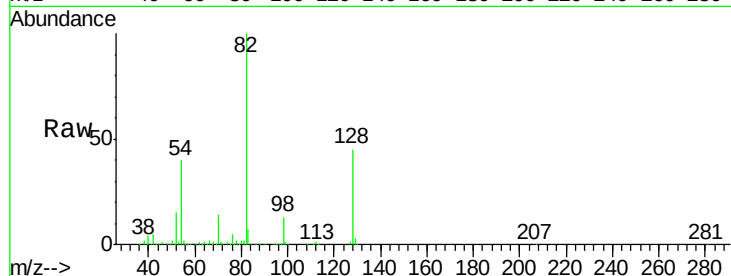


#23
 Nitrobenzene-d5
 Concen: 83.749 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM024632.D
 Acq: 27 Jan 2020 17:40

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 1871898

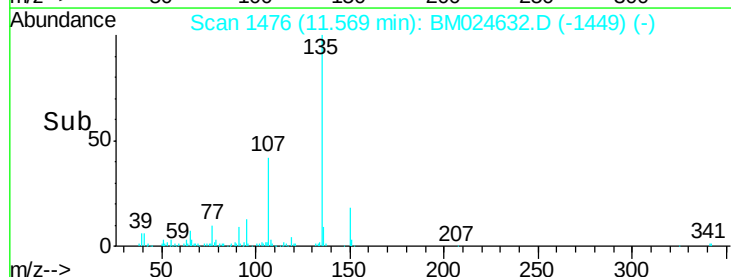
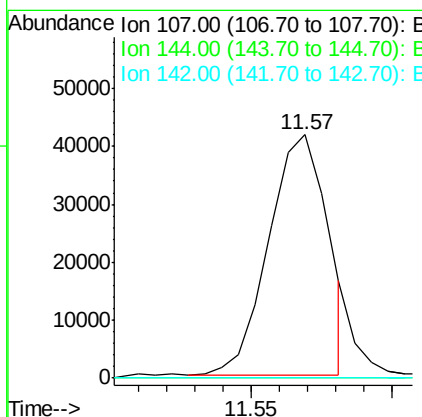
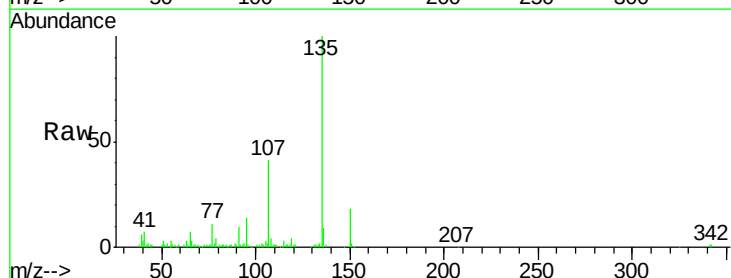
Ion	Ratio	Lower	Upper
82	100		
128	44.7	32.6	48.8
54	40.0	34.8	52.2

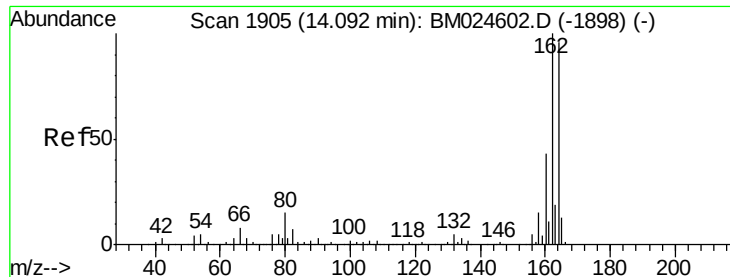


#36
 4-Chloro-3-methylphenol
 Concen: 3.126 ng
 RT: 11.57 min Scan# 1476
 Delta R.T. 0.06 min
 Lab File: BM024632.D
 Acq: 27 Jan 2020 17:40

Tgt Ion: 107 Resp: 60518

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.5	30.7#
142	0.0	62.8	94.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BM024632.D

Acq: 27 Jan 2020 17:40

Instrument :

BNA_M

ClientSampleId :

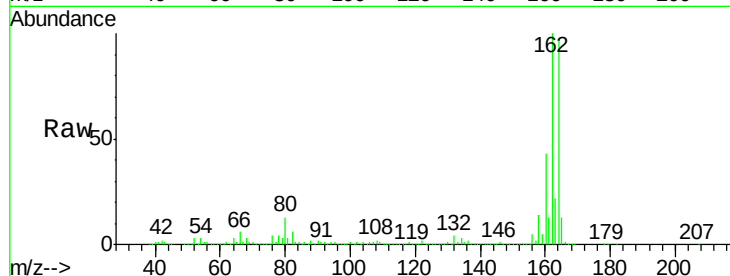
Tot Ion:164 Resp: 749117

Ion Ratio Lower Upper

164 100

162 102.9 82.9 124.3

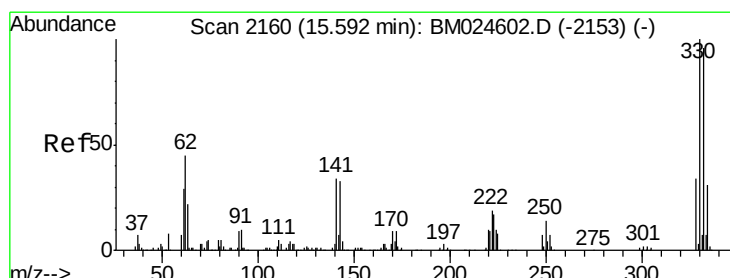
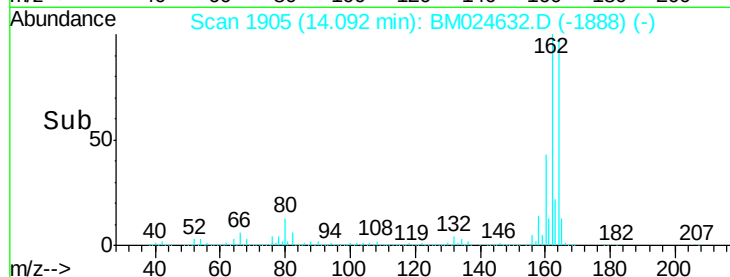
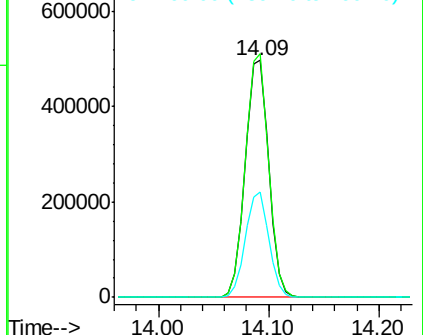
160 44.4 35.5 53.3



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



#42

2,4,6-Tribromophenol

Concen: 147.873 ng

RT: 15.59 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BM024632.D

Acq: 27 Jan 2020 17:40

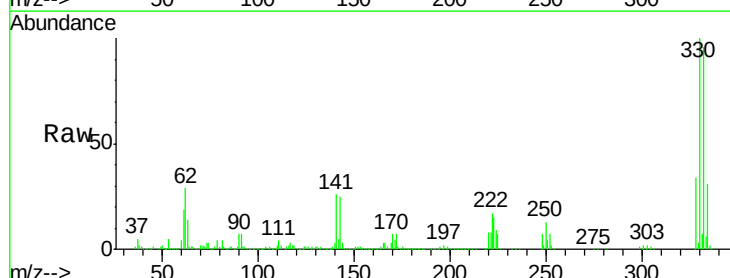
Tgt Ion:330 Resp: 1801910

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

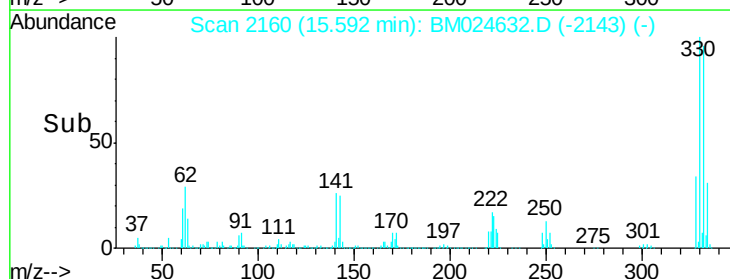
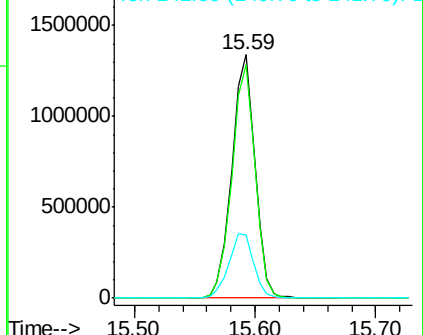
141 27.8 26.9 40.3

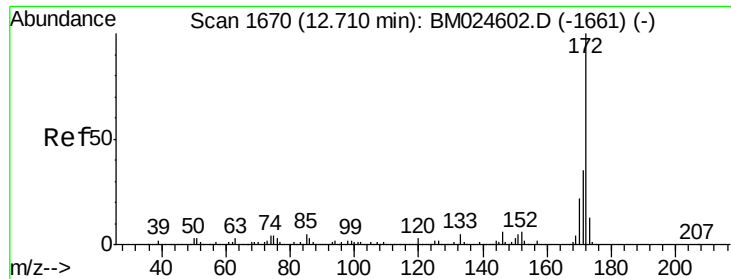


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

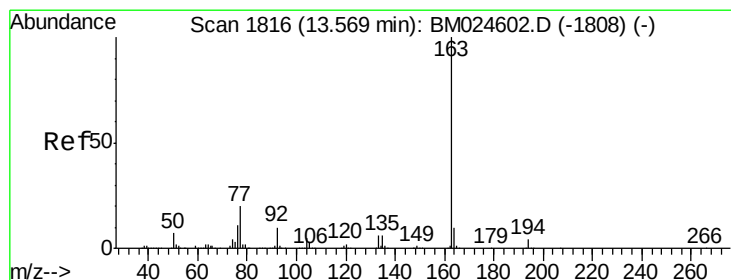
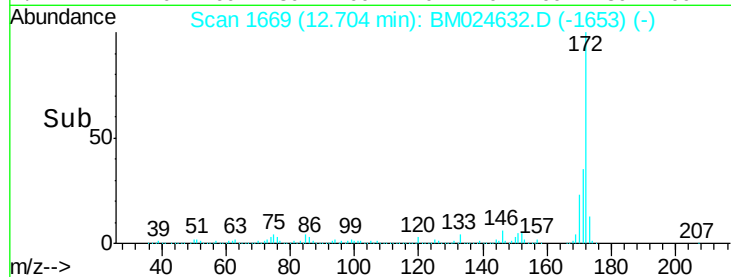
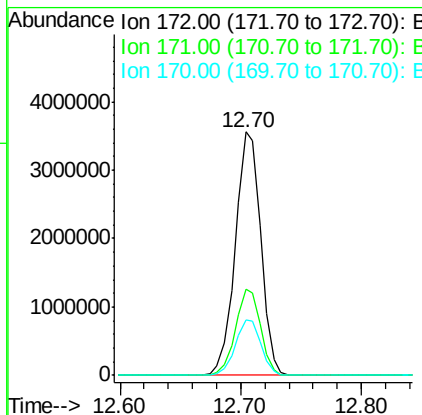
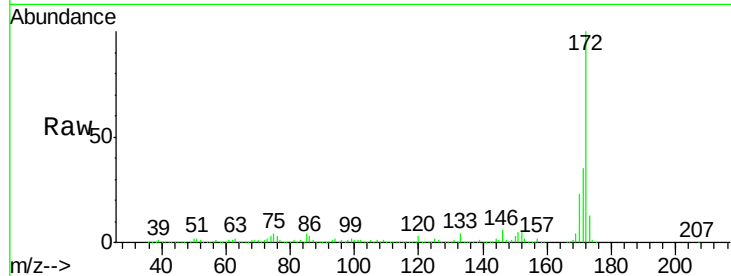




#45
2-Fluorobiphenyl
Concen: 94.886 ng
RT: 12.70 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM024632.D
Acq: 27 Jan 2020 17:40

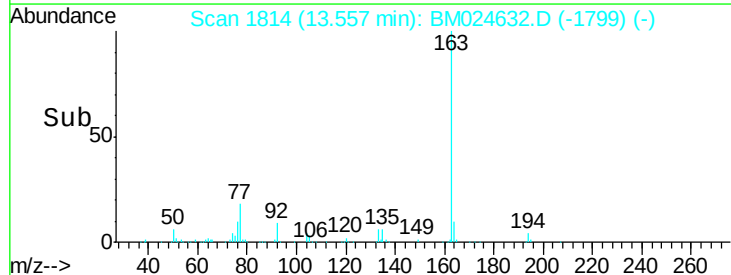
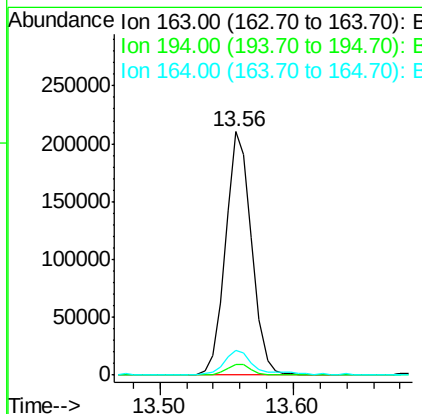
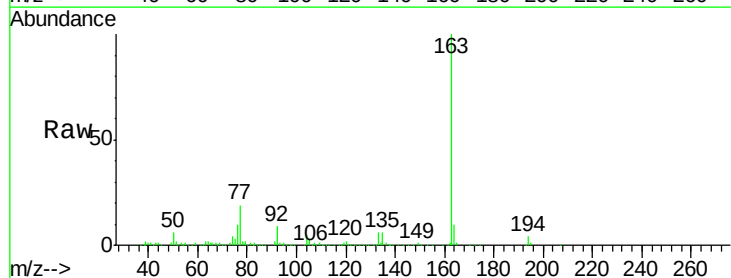
Instrument :
BNA_M
ClientSampleId :

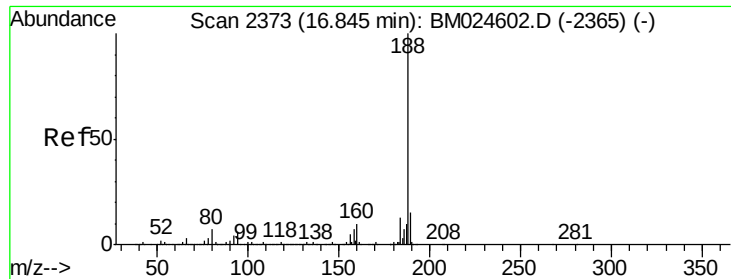
Tot Ion:172 Resp: 5228432
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.0 17.9 26.9



#50
Dimethylphthalate
Concen: 4.747 ng
RT: 13.56 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BM024632.D
Acq: 27 Jan 2020 17:40

Tgt Ion:163 Resp: 287530
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.3 8.0 12.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BM024632.D

Acq: 27 Jan 2020 17:40

Instrument :

BNA_M

ClientSampleId :

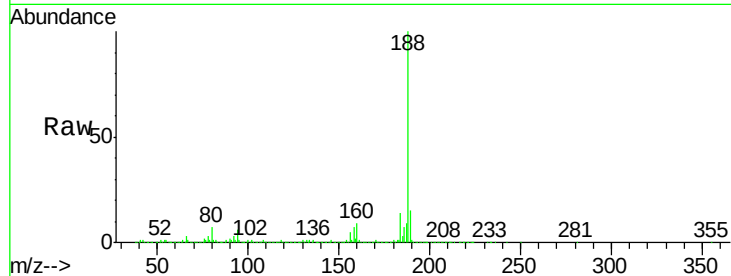
Tot Ion:188 Resp: 1669908

Ion Ratio Lower Upper

188 100

94 5.9 5.0 7.6

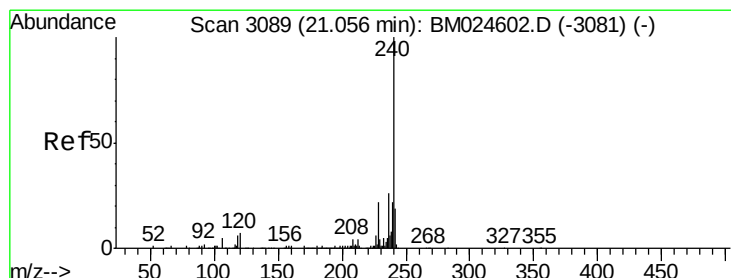
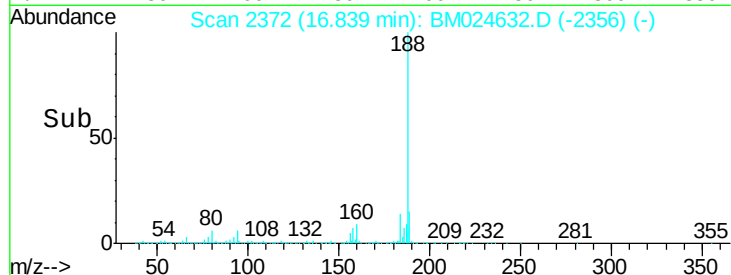
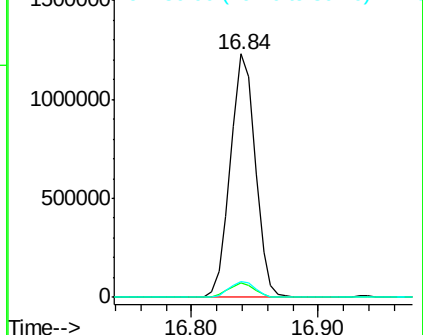
80 6.6 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM024632.D

Acq: 27 Jan 2020 17:40

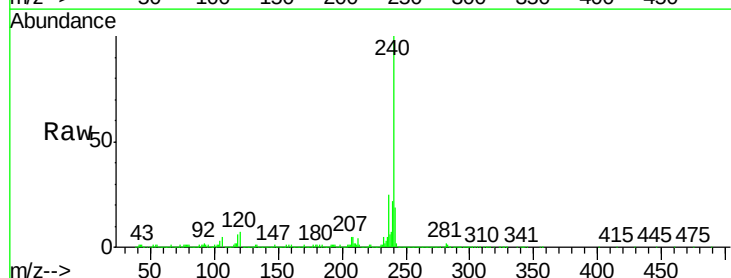
Tgt Ion:240 Resp: 1347654

Ion Ratio Lower Upper

240 100

120 6.6 5.3 7.9

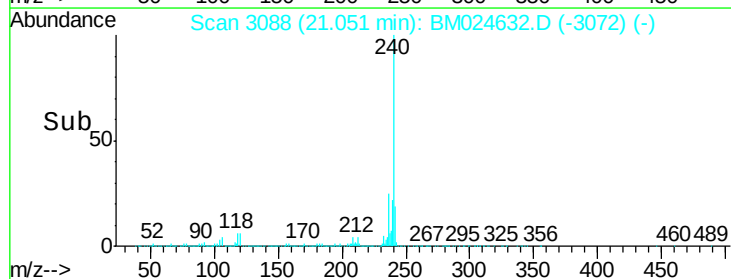
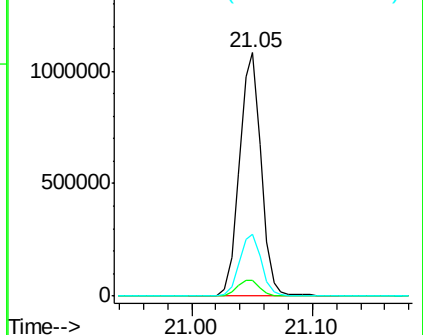
236 25.2 20.6 31.0

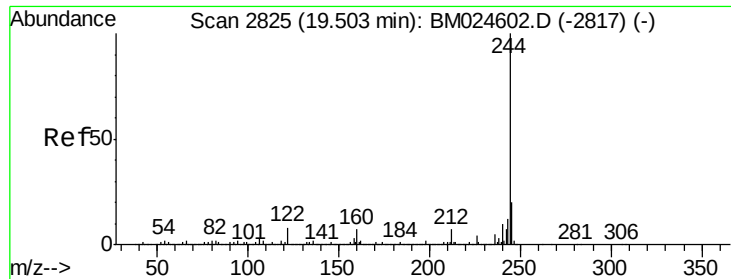


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 113.172 ng

RT: 19.50 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM024632.D

Acq: 27 Jan 2020 17:40

Instrument :

BNA_M

ClientSampleId :

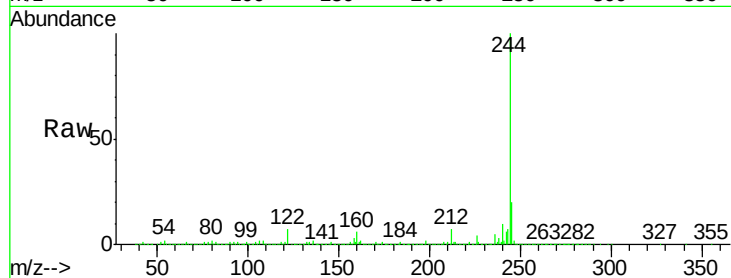
Tot Ion:244 Resp: 8169519

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

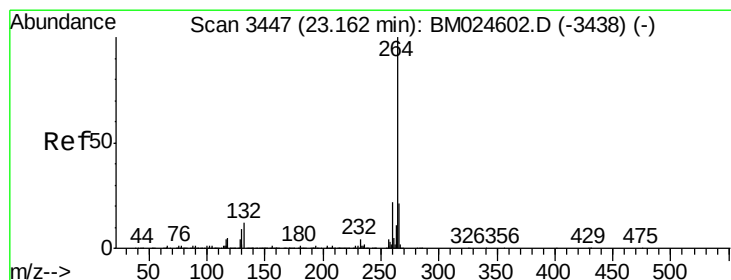
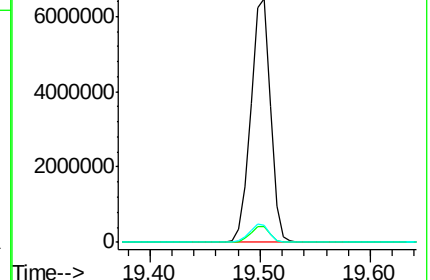
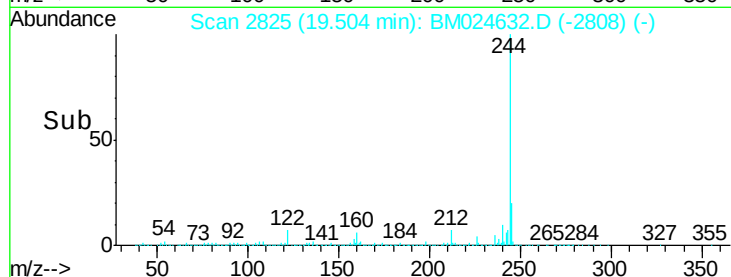
122 6.9 6.2 9.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.16 min Scan# 3447

Delta R.T. 0.00 min

Lab File: BM024632.D

Acq: 27 Jan 2020 17:40

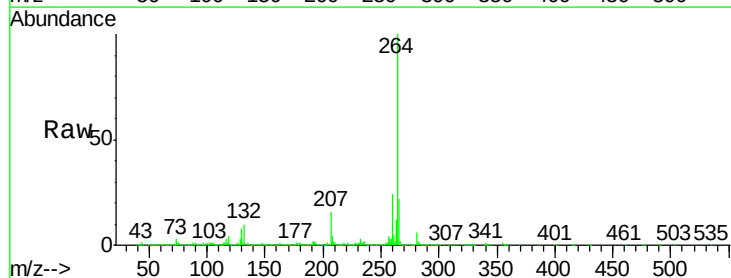
Tgt Ion:264 Resp: 1361908

Ion Ratio Lower Upper

264 100

260 24.0 17.9 26.9

265 21.9 17.3 25.9



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

