

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061520\
 Data File : BM026393.D
 Acq On : 15 Jun 2020 16:08
 Operator : JU/CG
 Sample : L3005-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF001MW002-200611

Quant Time: Jun 15 19:13:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 12:22:53 2020
 Response via : Initial Calibration

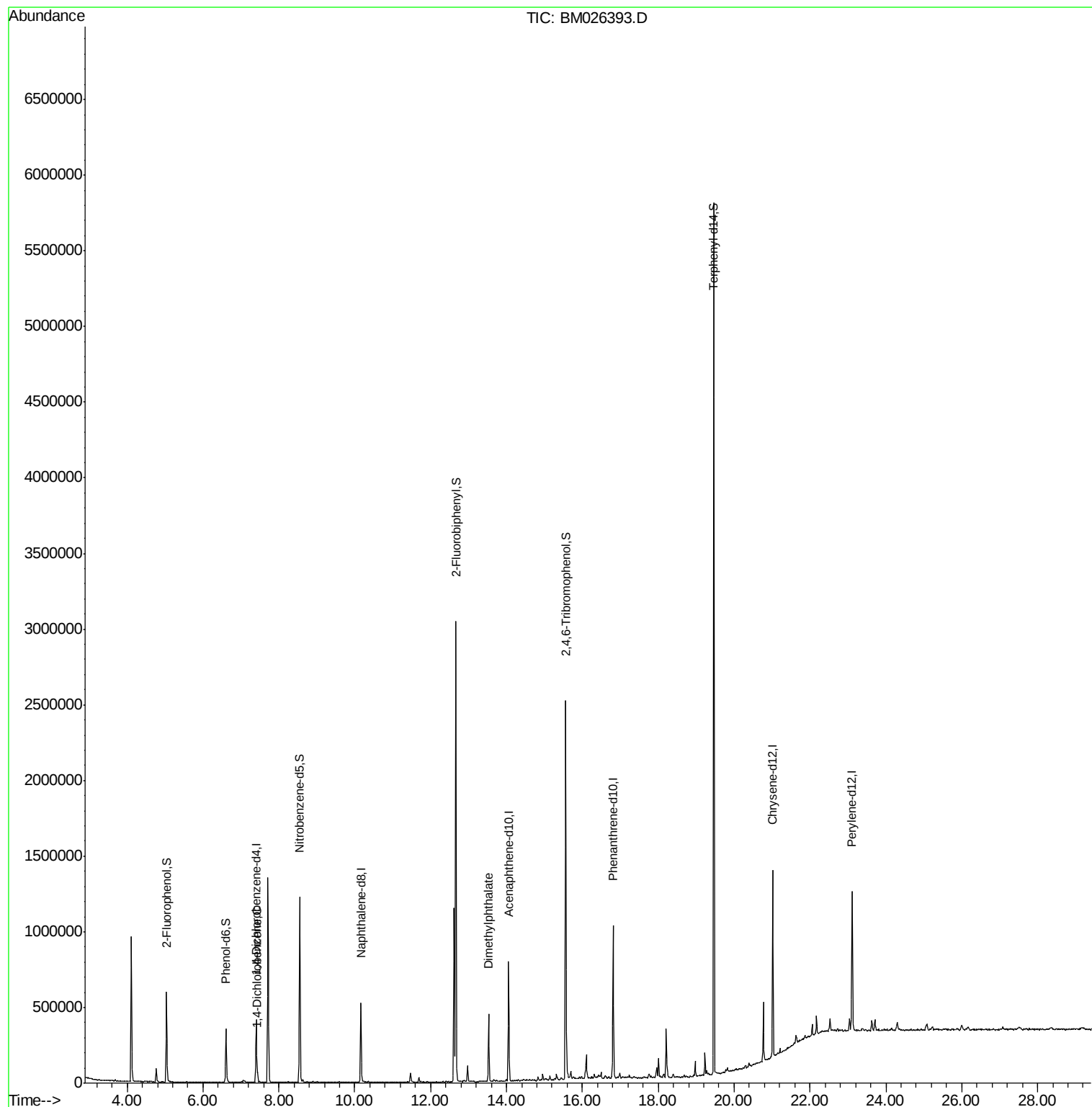
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	94846	20.00	ng	0.00
21) Naphthalene-d8	10.16	136	388758	20.00	ng	0.00
39) Acenaphthene-d10	14.06	164	238446	20.00	ng	0.00
64) Phenanthrene-d10	16.81	188	521658	20.00	ng	0.00
76) Chrysene-d12	21.02	240	542900	20.00	ng	0.00
86) Perylene-d12	23.11	264	579236	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	219026	40.83	ng	0.00
7) Phenol-d6	6.61	99	180767	23.27	ng	0.00
23) Nitrobenzene-d5	8.55	82	643904	81.32	ng	0.00
42) 2,4,6-Tribromophenol	15.56	330	408432	141.40	ng	0.00
45) 2-Fluorobiphenyl	12.67	172	1418520	90.30	ng	0.00
79) Terphenyl-d14	19.47	244	2477928	88.60	ng	0.00
Target Compounds						
13) 1,4-Dichlorobenzene	7.44	146	22179	3.178	ng	96
50) Dimethylphthalate	13.53	163	258136	14.801	ng	99

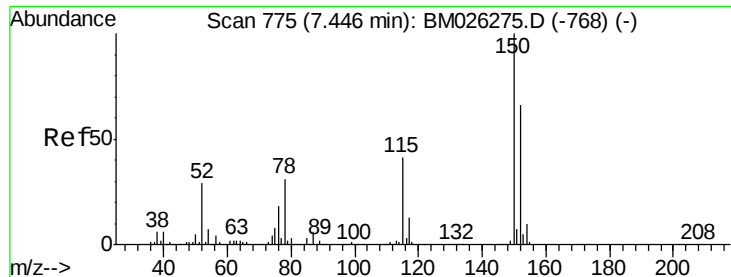
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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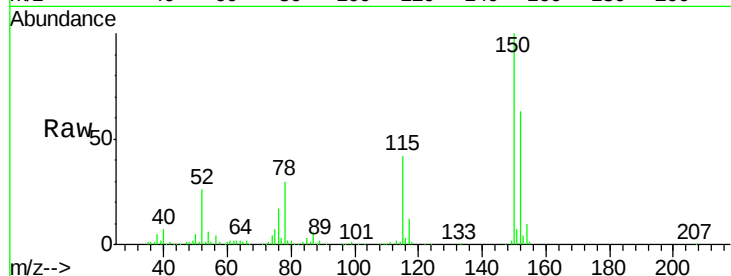


#1

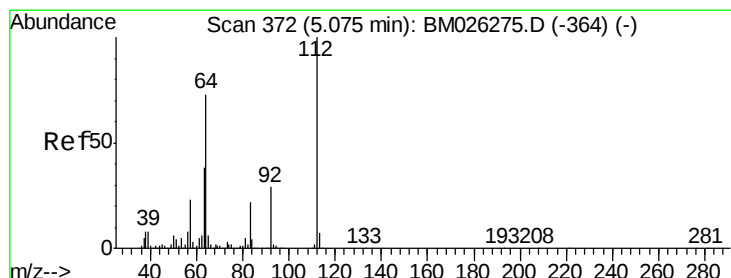
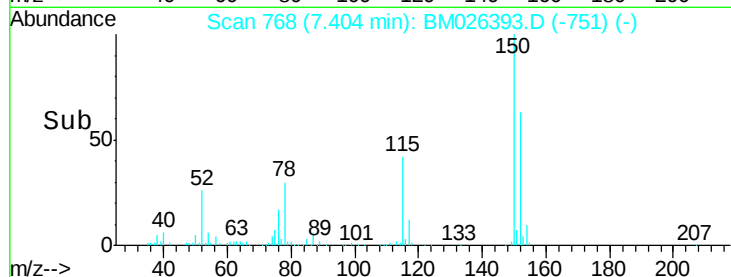
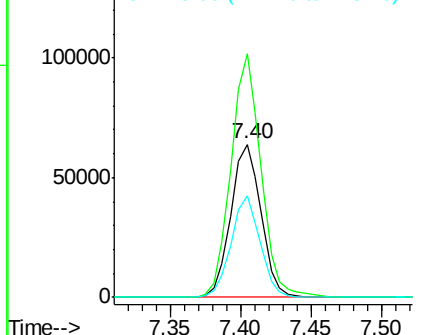
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.40 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM026393.D
Acq: 15 Jun 2020 16:08

Instrument :
BNA_M
ClientSampleId :
LF001MW002-200611

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	127.8	191.6
115	66.3	51.5	77.3



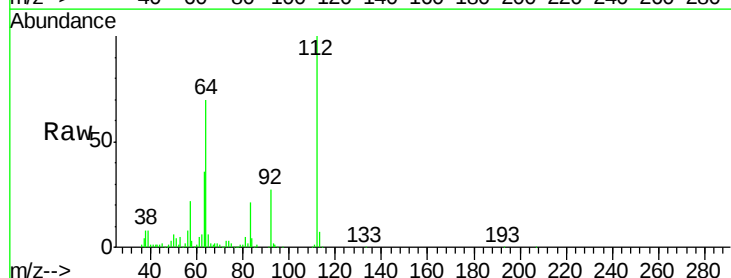
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



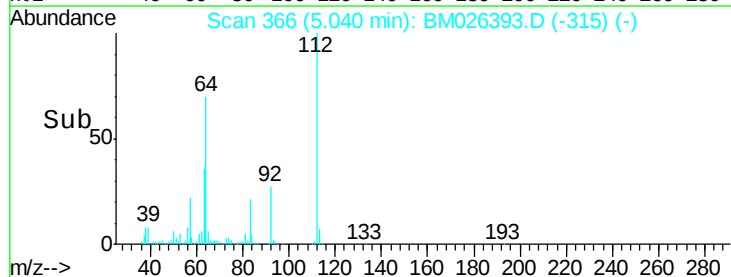
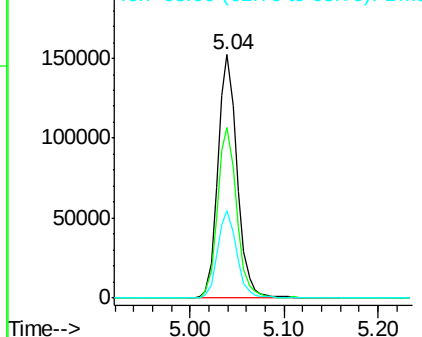
#5

2-Fluorophenol
Concen: 40.829 ng
RT: 5.04 min Scan# 366
Delta R.T. 0.00 min
Lab File: BM026393.D
Acq: 15 Jun 2020 16:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	56.0	84.0
63	36.0	29.0	43.6



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: 23.271 ng

RT: 6.61 min Scan# 633

Delta R.T. 0.00 min

Lab File: BM026393.D

Acq: 15 Jun 2020 16:08

Instrument :

BNA_M

ClientSampleId :

LF001MW002-200611

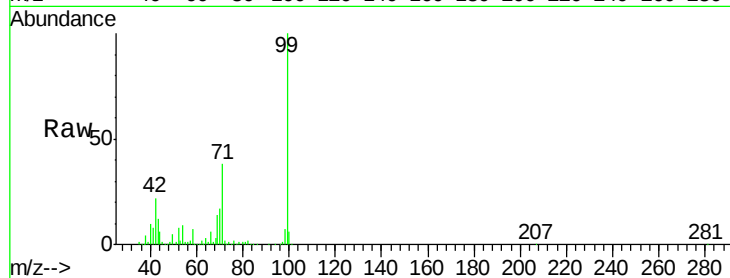
Tot Ion: 99 Resp: 180767

Ion Ratio Lower Upper

99 100

42 22.0 17.8 26.6

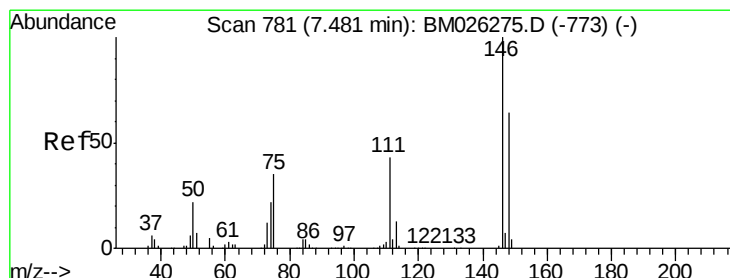
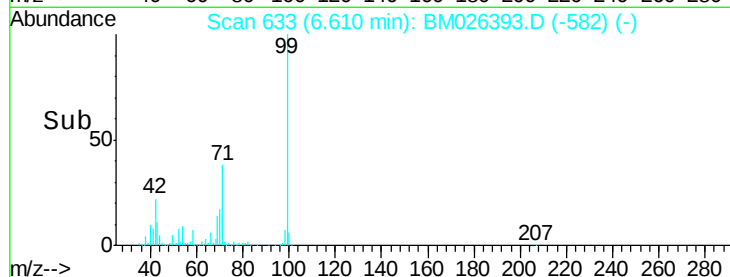
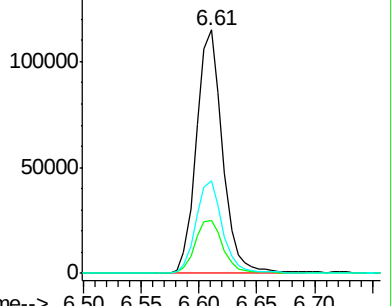
71 38.3 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BM026275.D (-631) (-)

Ion 42.00 (41.70 to 42.70): BM026275.D (-631) (-)

Ion 71.00 (70.70 to 71.70): BM026275.D (-631) (-)



#13

1,4-Dichlorobenzene

Concen: 3.178 ng

RT: 7.44 min Scan# 774

Delta R.T. 0.00 min

Lab File: BM026393.D

Acq: 15 Jun 2020 16:08

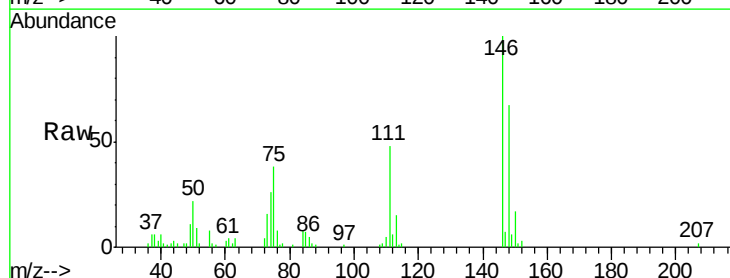
Tgt Ion: 146 Resp: 22179

Ion Ratio Lower Upper

146 100

148 67.0 52.2 78.2

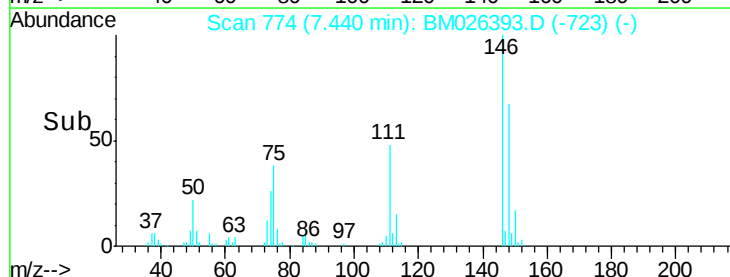
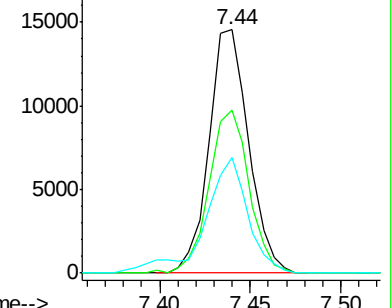
111 47.6 34.9 52.3

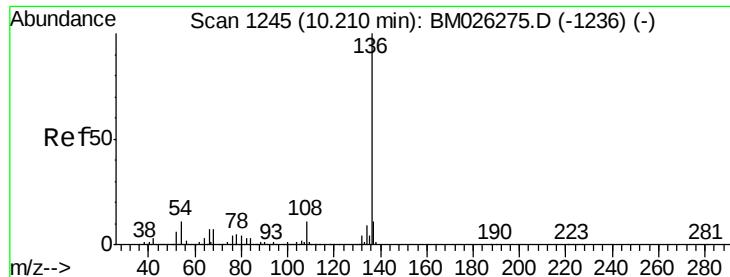


Abundance Ion 146.00 (145.70 to 146.70): BM026275.D (-773) (-)

Ion 148.00 (147.70 to 148.70): BM026275.D (-773) (-)

Ion 111.00 (110.70 to 111.70): BM026275.D (-773) (-)

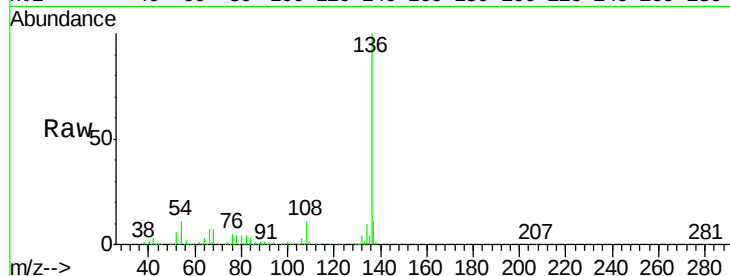




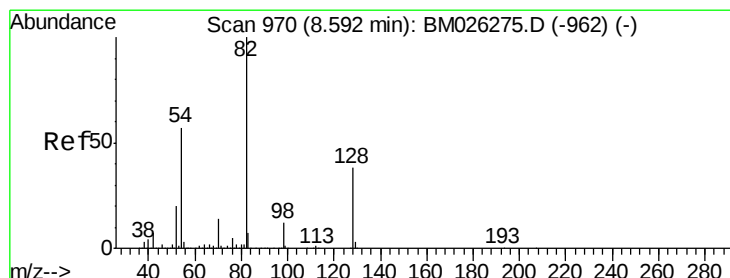
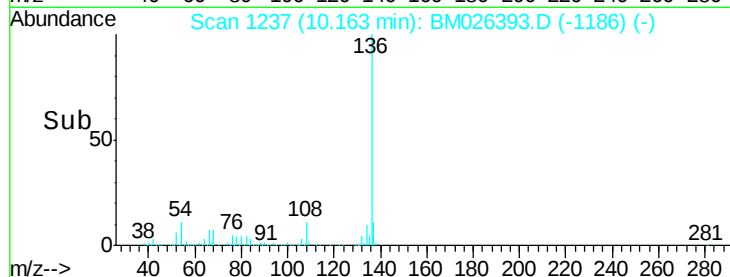
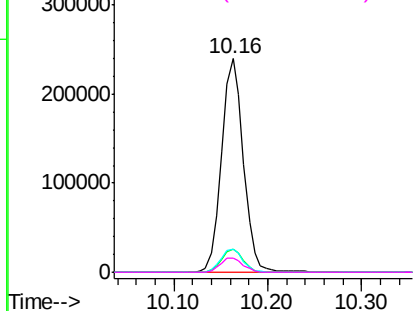
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.16 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BM026393.D
Acq: 15 Jun 2020 16:08

Instrument :
BNA_M
ClientSampleId :
LF001MW002-200611

Tot Ion:136	Resp:	388758
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	10.6	9.0 13.6
68	6.8	5.6 8.4

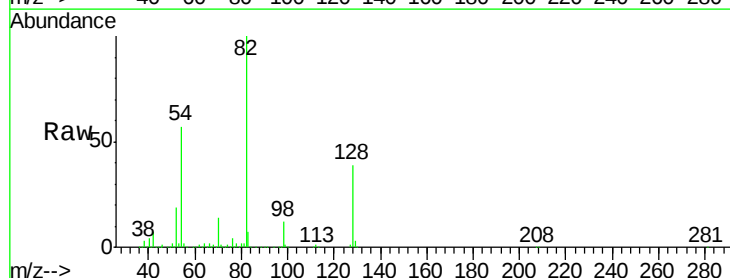


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

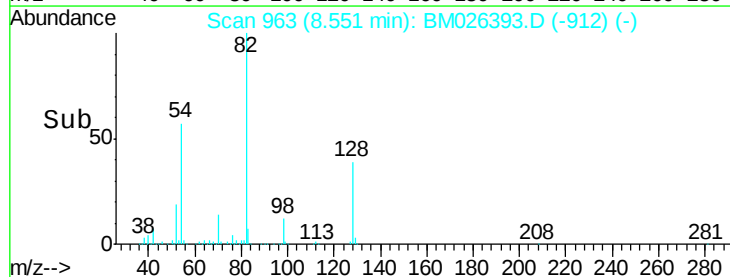
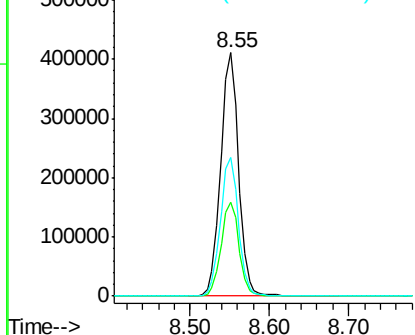


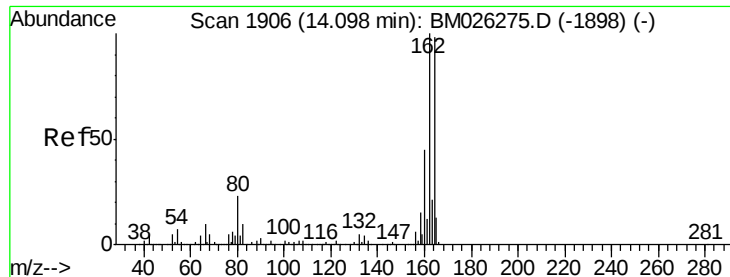
#23
Nitrobenzene-d5
Concen: 81.324 ng
RT: 8.55 min Scan# 963
Delta R.T. 0.00 min
Lab File: BM026393.D
Acq: 15 Jun 2020 16:08

Tgt Ion: 82	Resp:	643904
Ion Ratio	Lower	Upper
82	100	
128	38.7	31.0 46.6
54	57.0	45.4 68.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.06 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM026393.D

Acq: 15 Jun 2020 16:08

Instrument :

BNA_M

ClientSampleId :

LF001MW002-200611

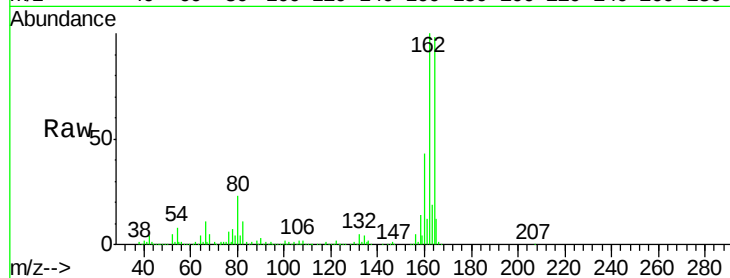
Tot Ion:164 Resp: 238446

Ion Ratio Lower Upper

164 100

162 102.3 77.7 116.5

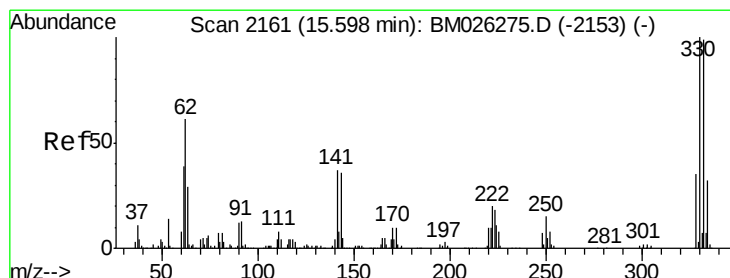
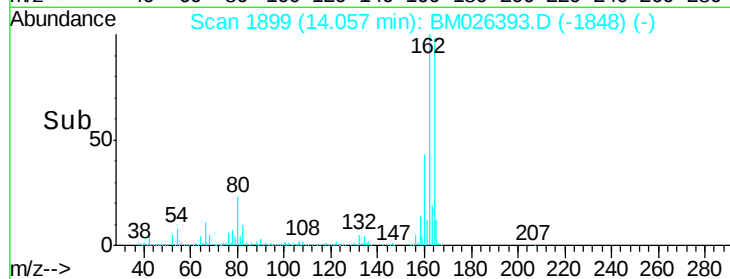
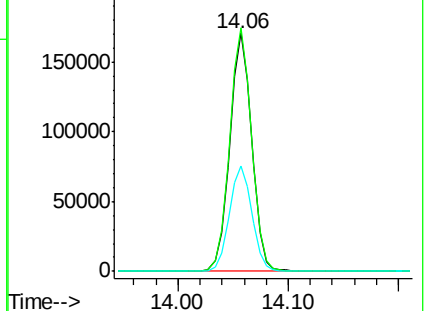
160 44.1 34.2 51.2



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: 141.403 ng

RT: 15.56 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BM026393.D

Acq: 15 Jun 2020 16:08

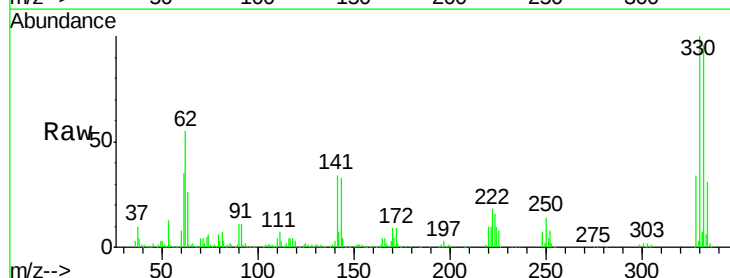
Tgt Ion:330 Resp: 408432

Ion Ratio Lower Upper

330 100

332 96.9 77.7 116.5

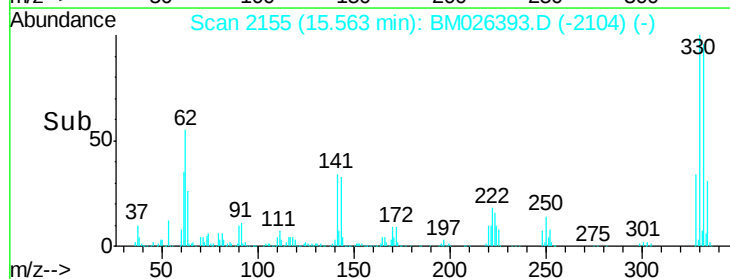
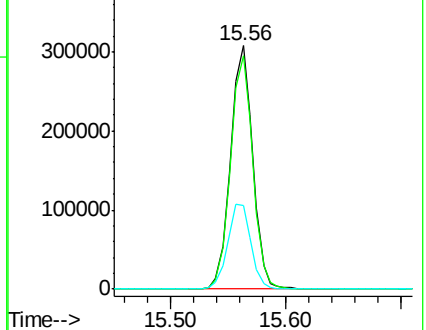
141 36.9 29.7 44.5

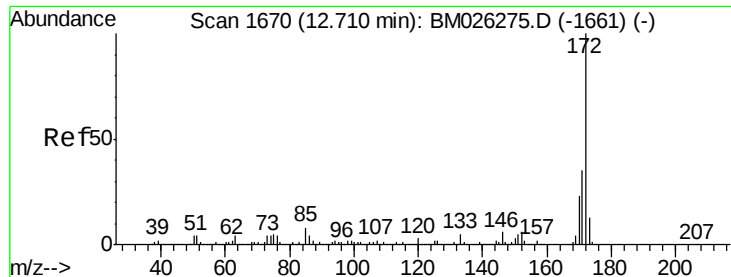


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

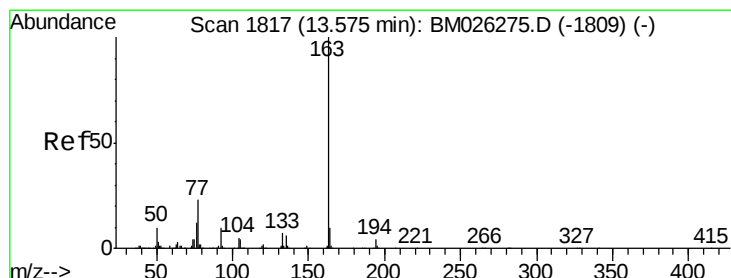
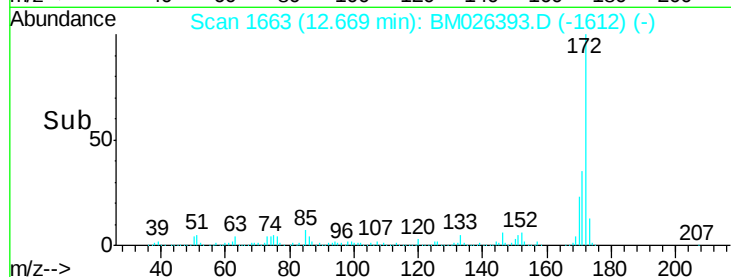
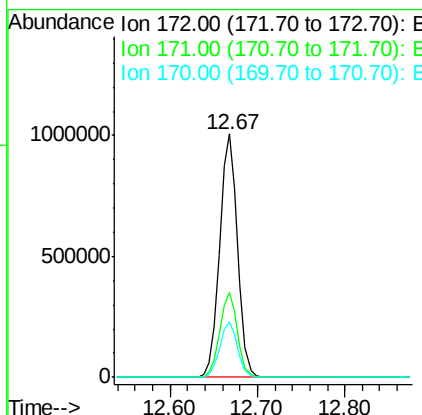
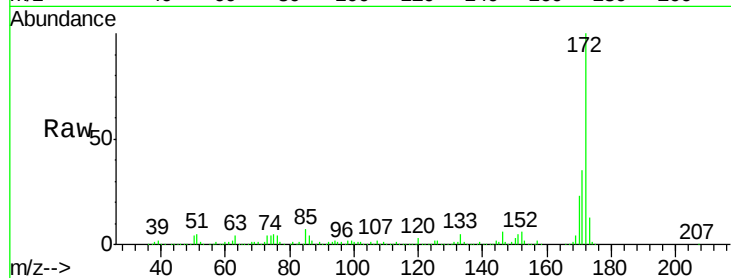




#45
2-Fluorobiphenyl
Concen: 90.304 ng
RT: 12.67 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BM026393.D
Acq: 15 Jun 2020 16:08

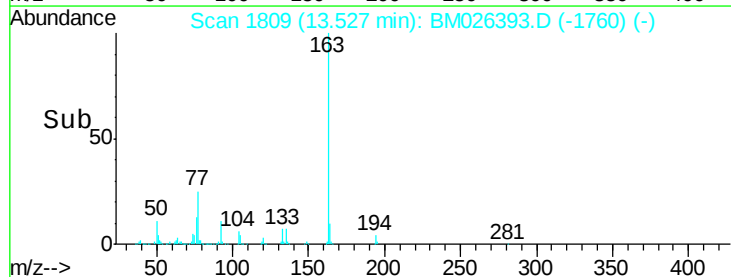
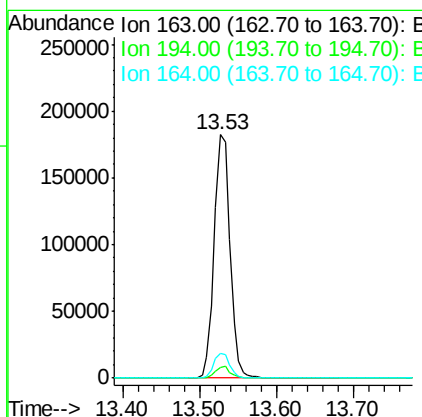
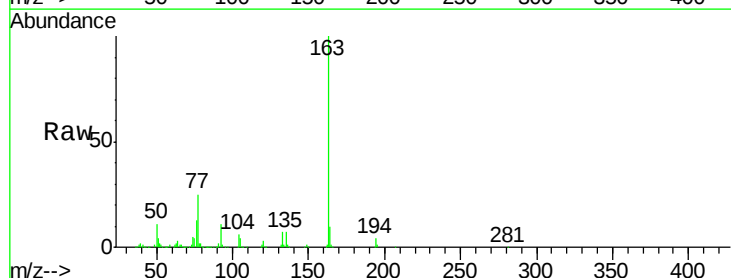
Instrument :
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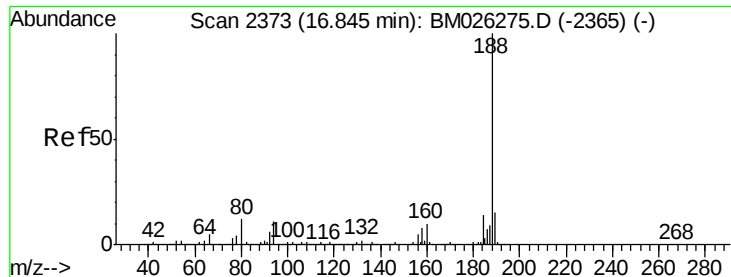
Tot Ion:172 Resp: 1418520
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 22.7 18.2 27.4



#50
Dimethylphthalate
Concen: 14.801 ng
RT: 13.53 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BM026393.D
Acq: 15 Jun 2020 16:08

Tgt Ion:163 Resp: 258136
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.3 7.8 11.8

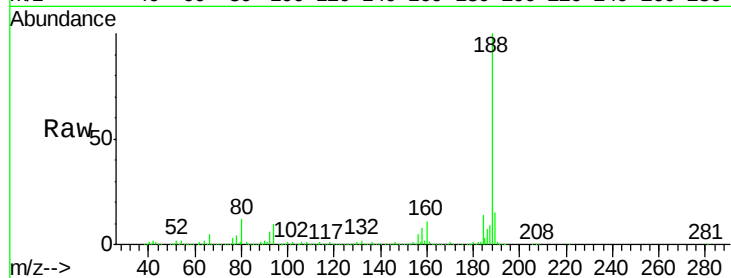




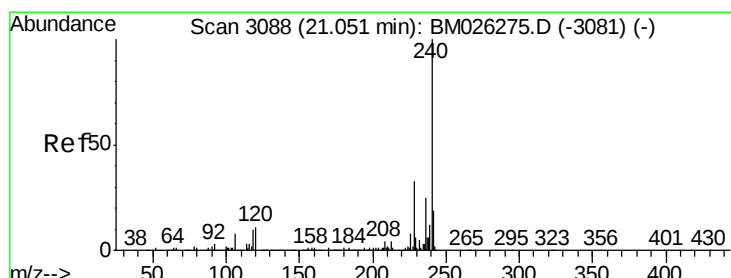
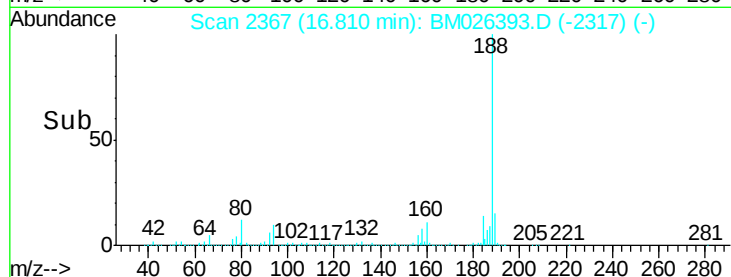
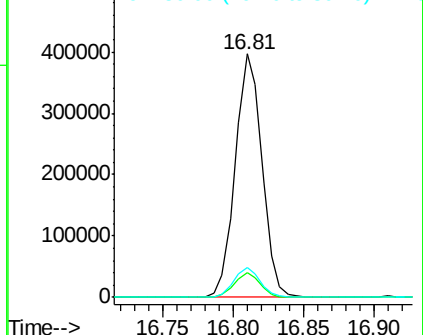
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.81 min Scan# 2367
Delta R.T. -0.01 min
Lab File: BM026393.D
Acq: 15 Jun 2020 16:08

Instrument :
BNA_M
ClientSampleId :
LF001MW002-200611

Tot Ion:188 Resp: 521658
Ion Ratio Lower Upper
188 100
94 10.2 7.8 11.6
80 12.1 9.5 14.3

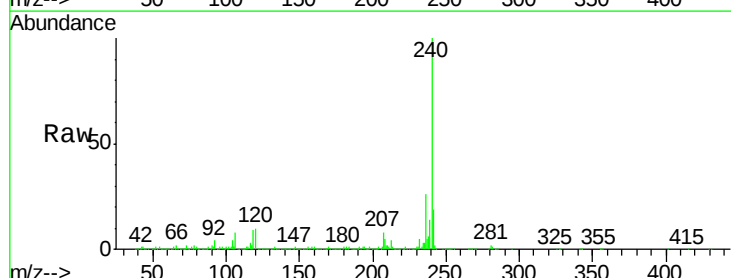


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

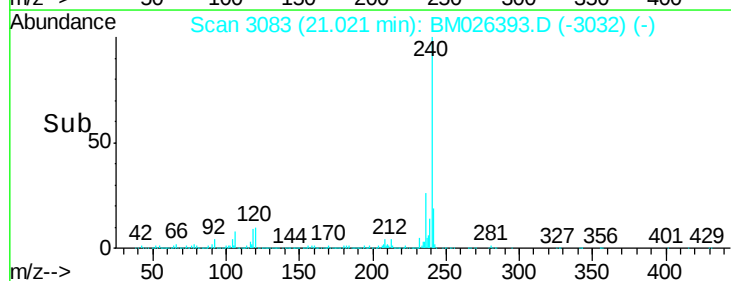
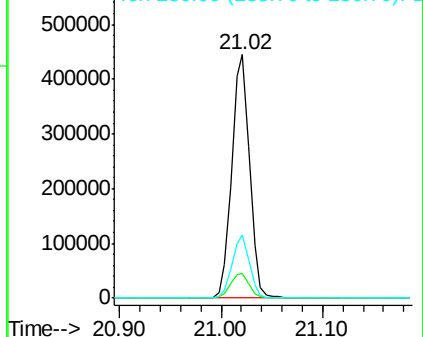


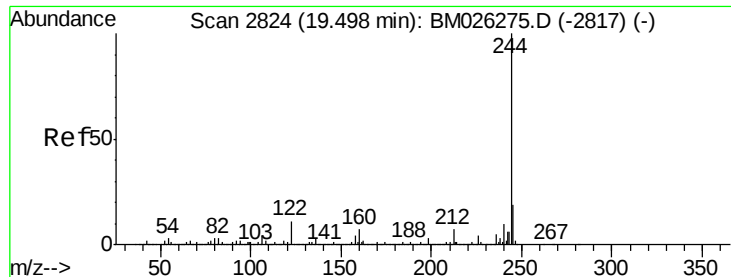
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3083
Delta R.T. 0.00 min
Lab File: BM026393.D
Acq: 15 Jun 2020 16:08

Tgt Ion:240 Resp: 542900
Ion Ratio Lower Upper
240 100
120 10.2 9.3 13.9
236 25.7 19.4 29.0



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: 88.600 ng

RT: 19.47 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BM026393.D

Acq: 15 Jun 2020 16:08

Instrument :

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LF001MW002-200611

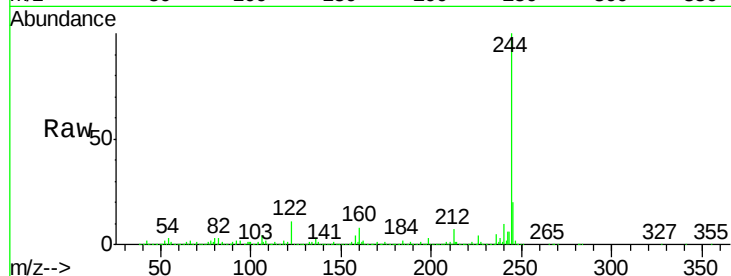
Tot Ion:244 Resp: 2477928

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

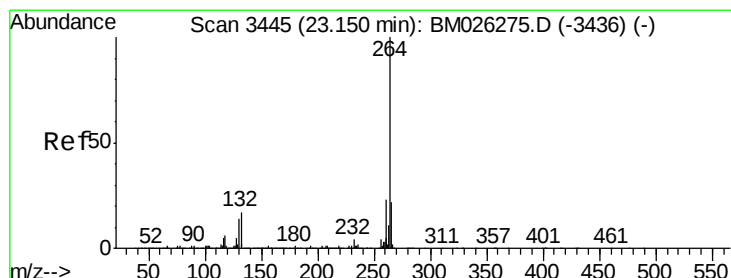
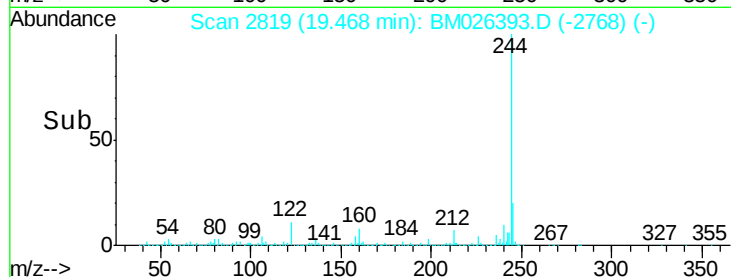
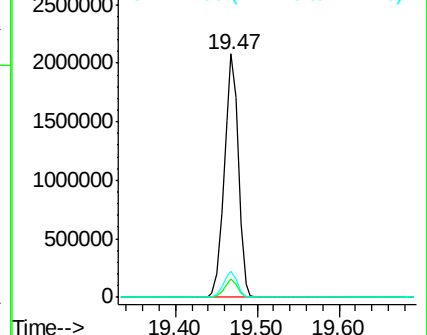
122 10.6 8.6 13.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.11 min Scan# 3438

Delta R.T. -0.01 min

Lab File: BM026393.D

Acq: 15 Jun 2020 16:08

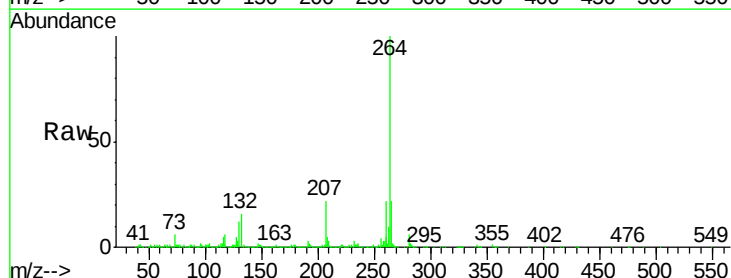
Tgt Ion:264 Resp: 579236

Ion Ratio Lower Upper

264 100

260 22.5 18.6 28.0

265 22.3 17.8 26.6



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

