

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
 Data File : BG044441.D
 Acq On : 14 Feb 2020 16:41
 Operator : CG/JU
 Sample : L1523-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Quant Time: Feb 15 06:16:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

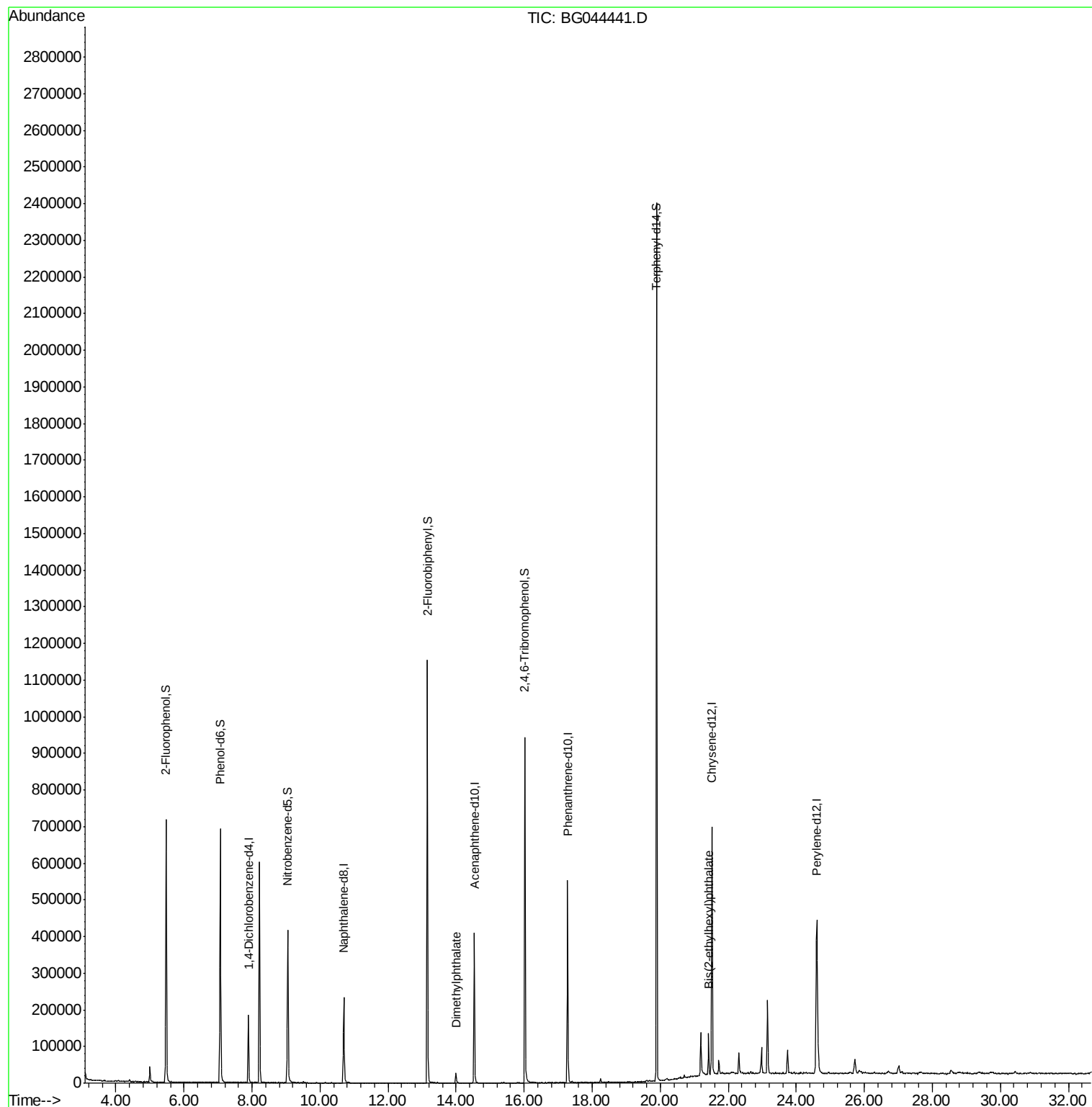
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	57391	20.00	ng	-0.01
21) Naphthalene-d8	10.70	136	228223	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	152919	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	368320	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	409546	20.00	ng	-0.02
87) Perylene-d12	24.60	264	419191	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	363043	111.64	ng	0.00
7) Phenol-d6	7.07	99	467689	107.10	ng	-0.01
23) Nitrobenzene-d5	9.05	82	280745	69.45	ng	-0.01
42) 2,4,6-Tribromophenol	16.03	330	195907	109.13	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	655251	71.75	ng	0.00
79) Terphenyl-d14	19.90	244	1210876	60.81	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	27832	2.532	ng	98
84) Bis(2-ethylhexyl)phthalate	21.42	149	47894	2.903	ng	96

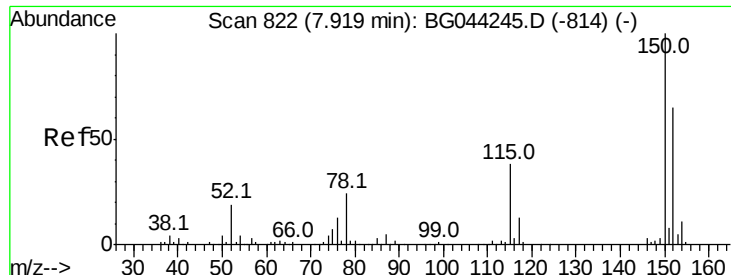
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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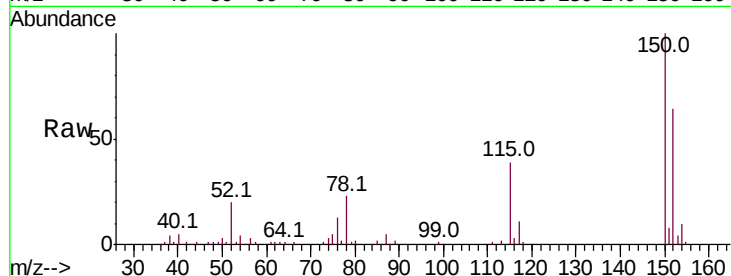


#1

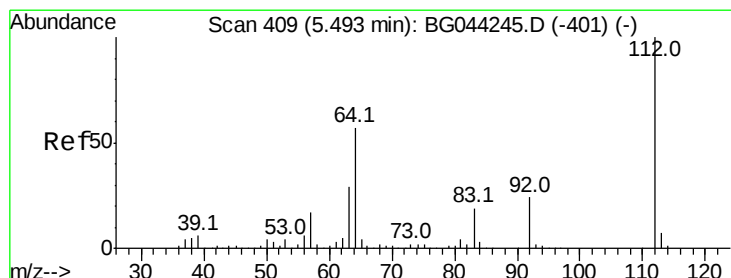
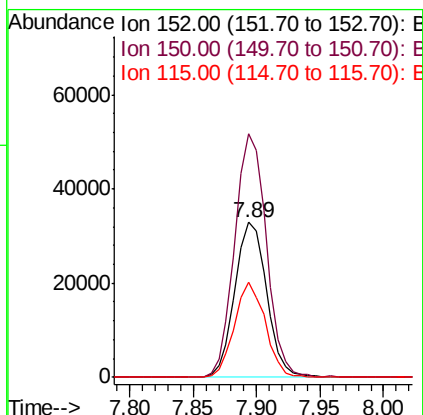
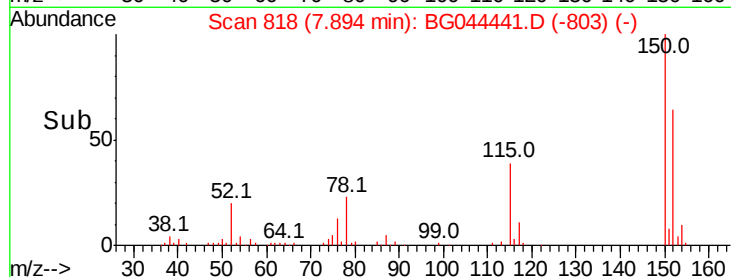
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG044441.D
 Acq: 14 Feb 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Tot Ion:152 Resp: 57391
 Ion Ratio Lower Upper
 152 100
 150 157.0 122.6 183.8
 115 61.1 46.0 69.0



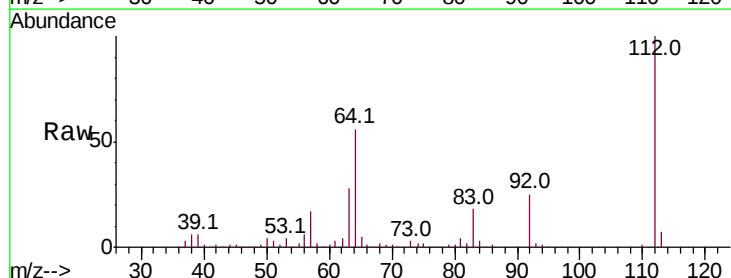
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



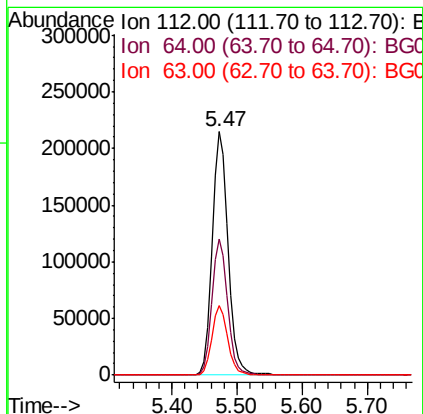
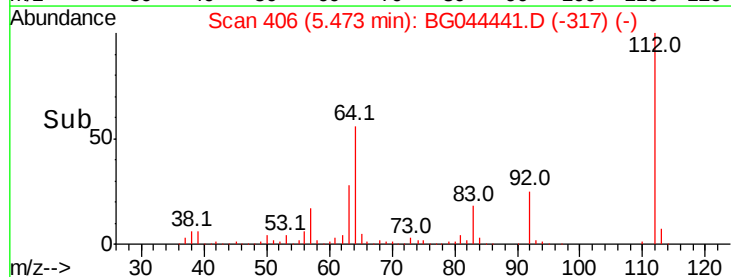
#5

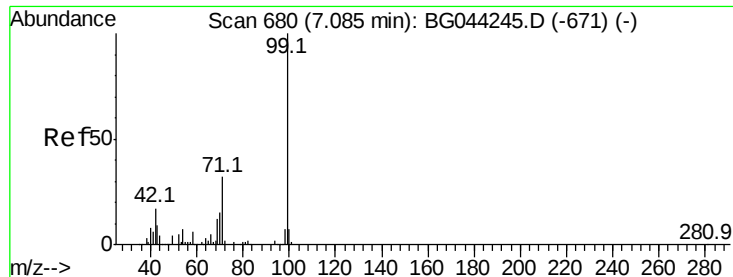
2-Fluorophenol
 Concen: 111.640 ng
 RT: 5.47 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BG044441.D
 Acq: 14 Feb 2020 16:41

Tgt Ion:112 Resp: 363043
 Ion Ratio Lower Upper
 112 100
 64 56.0 45.4 68.2
 63 28.5 22.9 34.3



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





#7

Phenol-d6

Concen: 107.101 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044441.D

Acq: 14 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

COMP-2

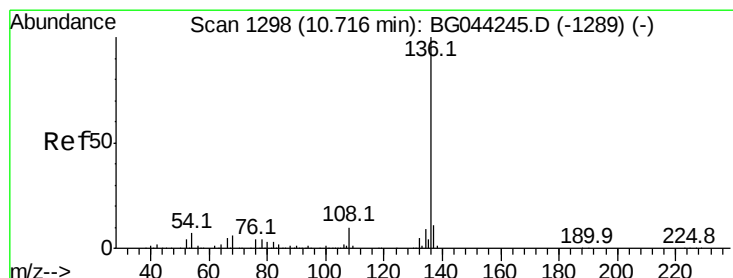
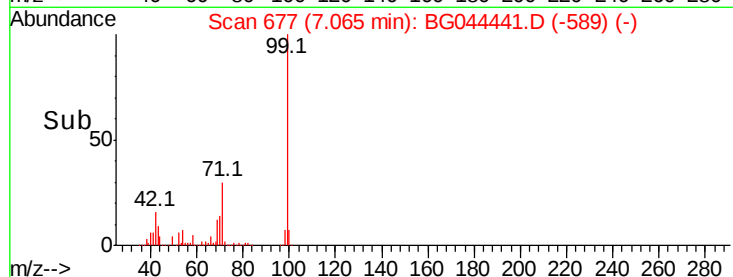
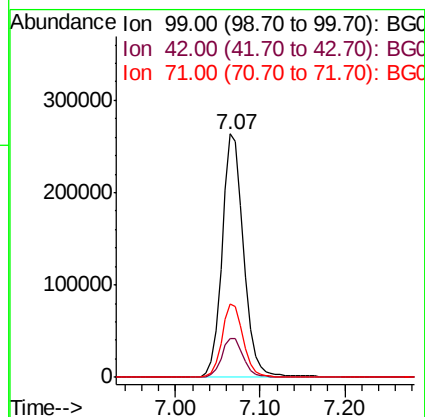
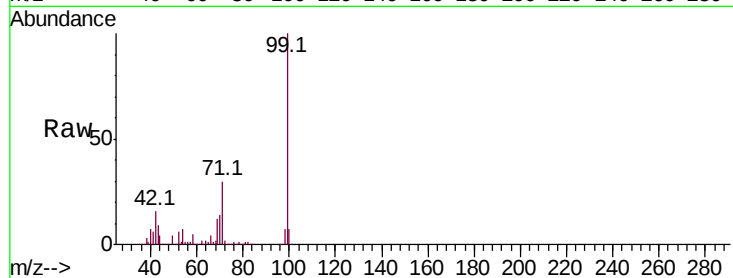
Tot Ion: 99 Resp: 467689

Ion Ratio Lower Upper

99 100

42 16.1 13.8 20.6

71 29.9 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG044441.D

Acq: 14 Feb 2020 16:41

Tgt Ion: 136 Resp: 228223

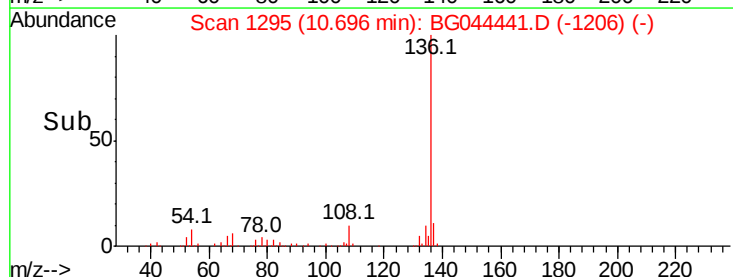
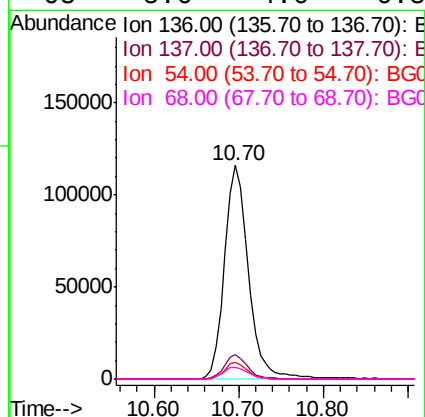
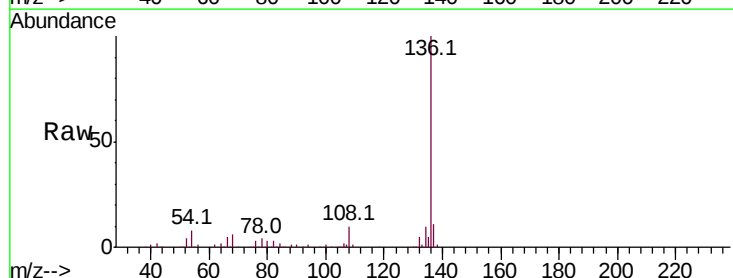
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.8 5.8 8.8

68 5.6 4.6 6.8

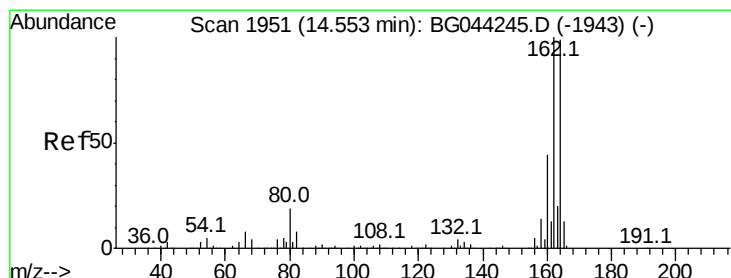
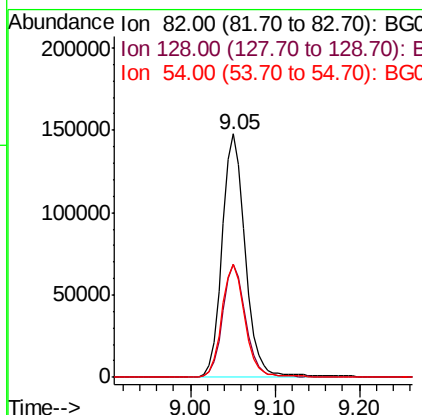
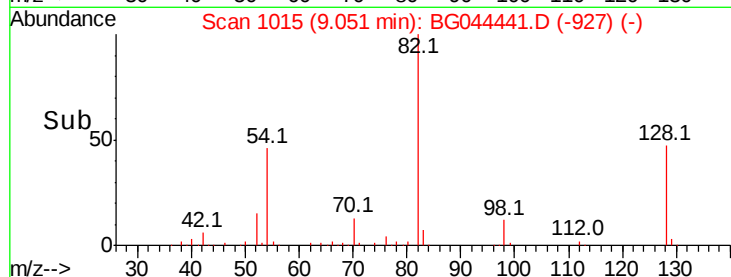
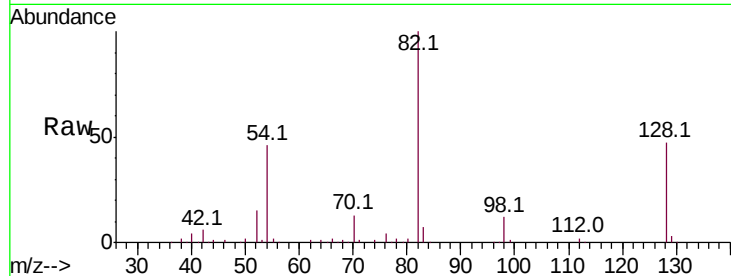




#23
Nitrobenzene-d5
Concen: 69.449 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044441.D
Acq: 14 Feb 2020 16:41

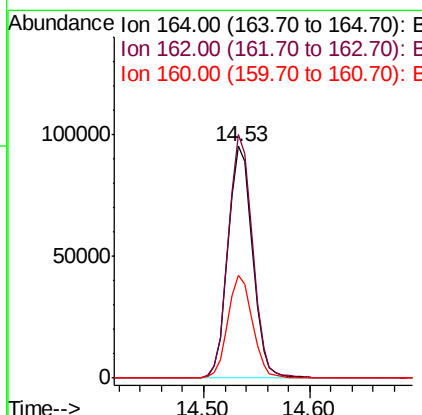
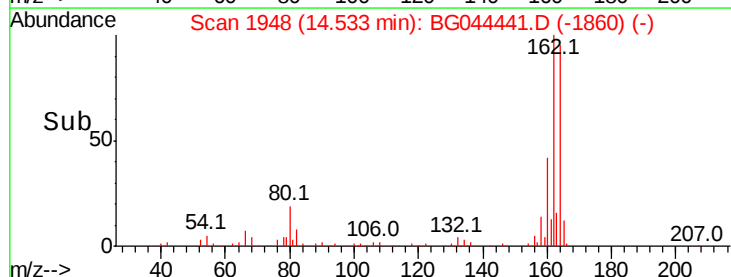
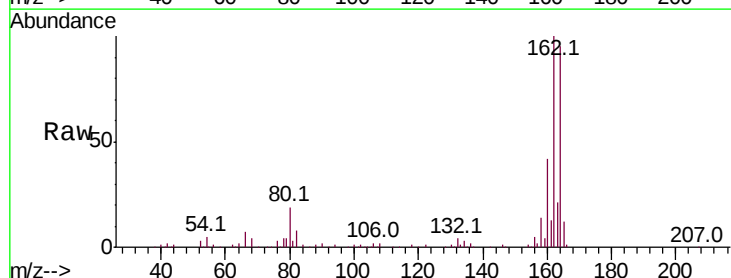
Instrument :
BNA_G
ClientSampleId :
COMP-2

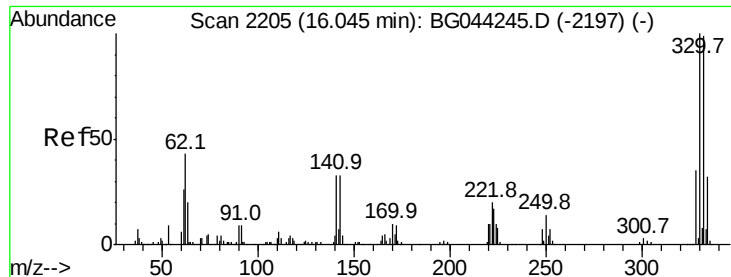
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.5	54.7
54	46.3	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG044441.D
Acq: 14 Feb 2020 16:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.7	121.1
160	44.1	35.3	52.9

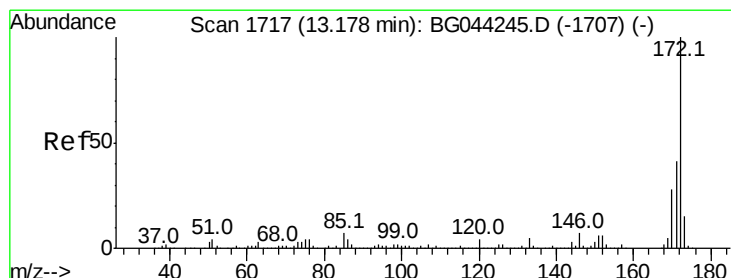
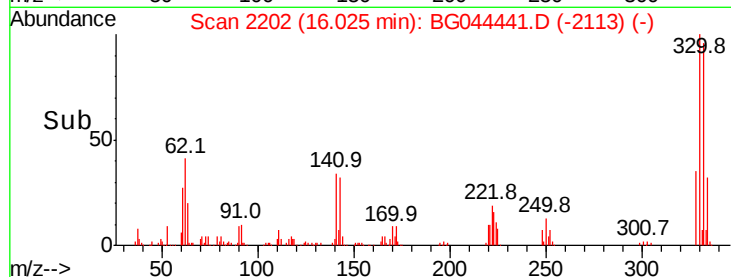
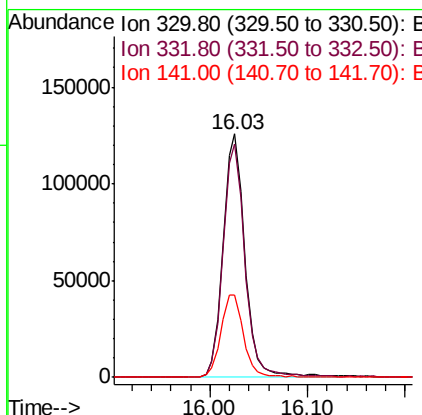
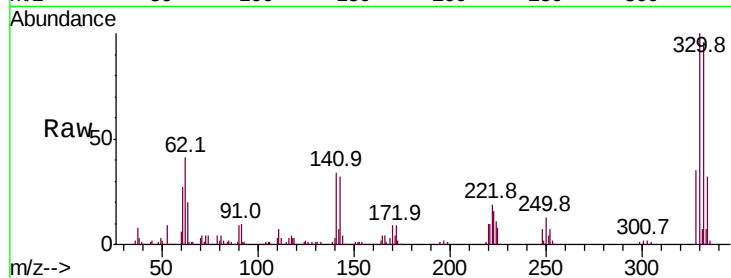




#42
 2,4,6-Tribromophenol
 Concen: 109.129 ng
 RT: 16.03 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BG044441.D
 Acq: 14 Feb 2020 16:41

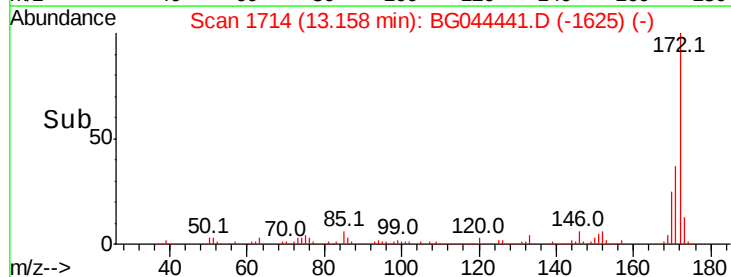
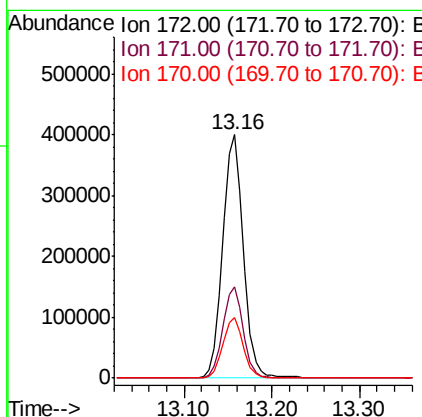
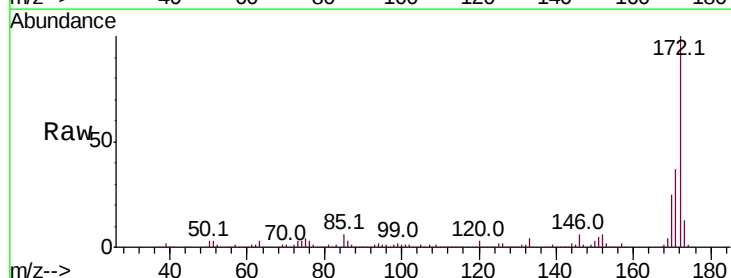
Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

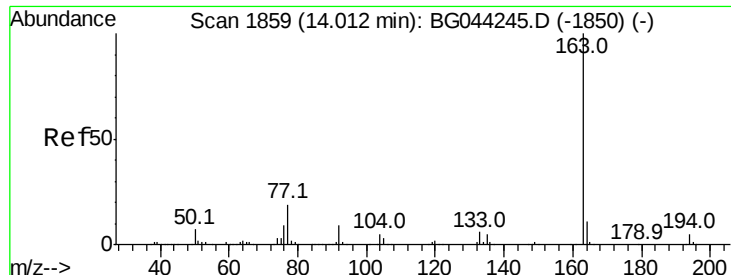
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.2	115.8
141	35.2	28.3	42.5



#45
 2-Fluorobiphenyl
 Concen: 71.754 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG044441.D
 Acq: 14 Feb 2020 16:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.9	49.3
170	24.9	22.0	33.0





#50

Dimethylphthalate

Concen: 2.532 ng

RT: 14.00 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BG044441.D

Acq: 14 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

COMP-2

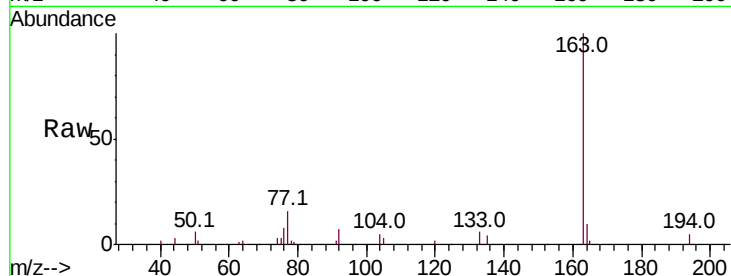
Tot Ion:163 Resp: 27832

Ion Ratio Lower Upper

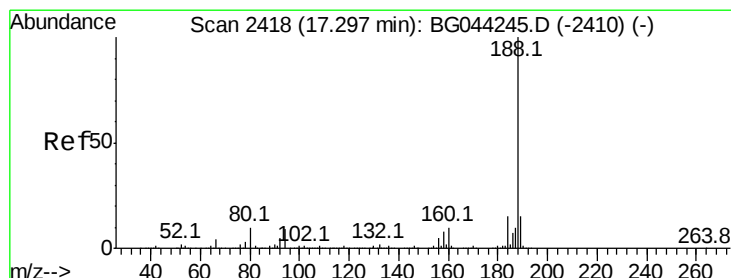
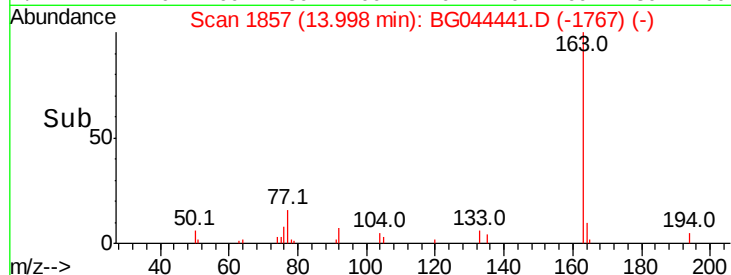
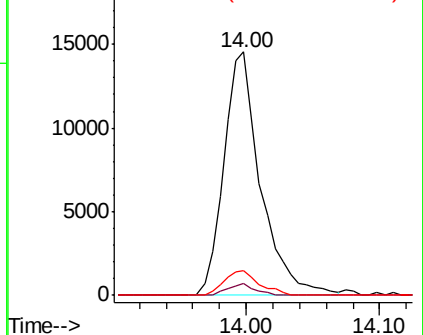
163 100

194 5.0 3.6 5.4

164 9.9 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.28 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG044441.D

Acq: 14 Feb 2020 16:41

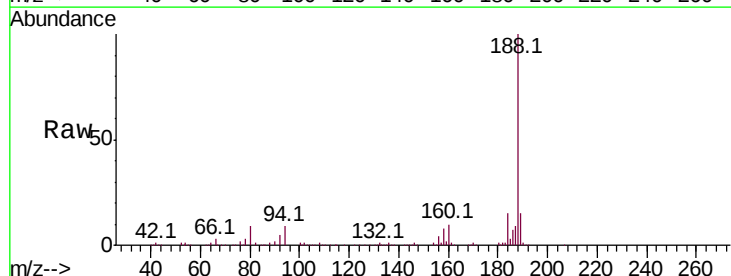
Tgt Ion:188 Resp: 368320

Ion Ratio Lower Upper

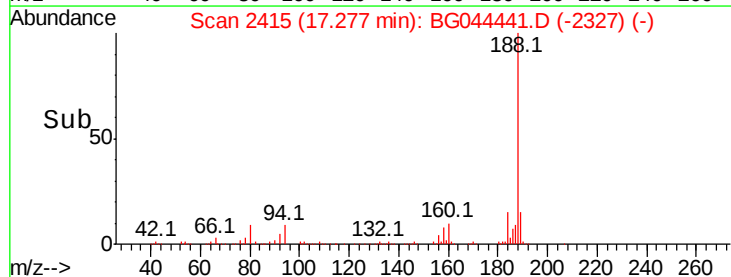
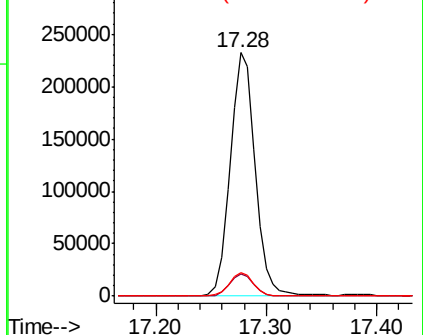
188 100

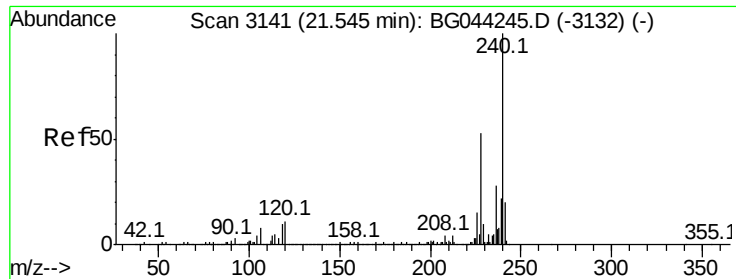
94 9.1 7.4 11.2

80 9.5 7.7 11.5



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

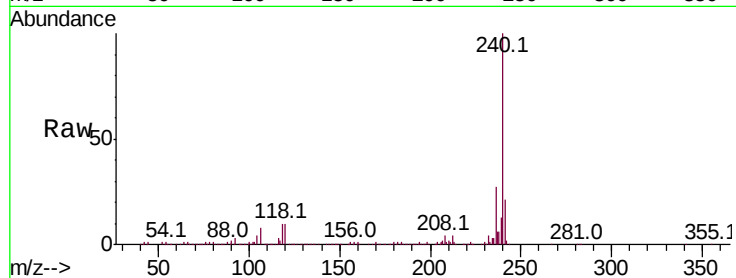




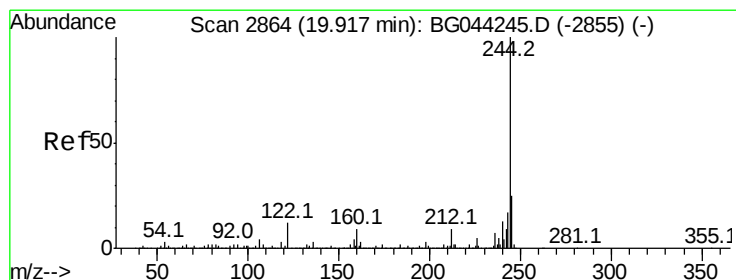
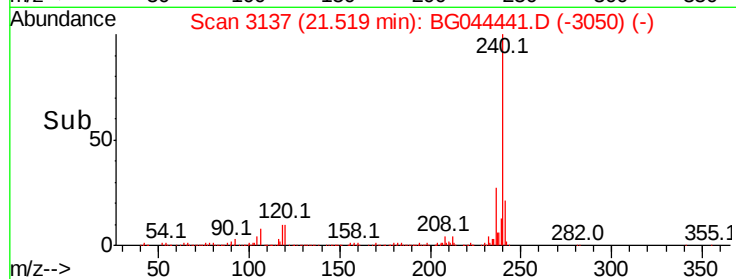
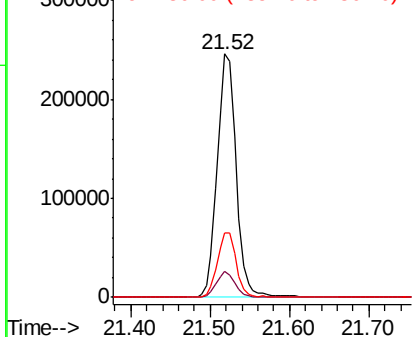
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.02 min
 Lab File: BG044441.D
 Acq: 14 Feb 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Tot Ion:240 Resp: 409546
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.4 12.6
 236 26.6 22.1 33.1

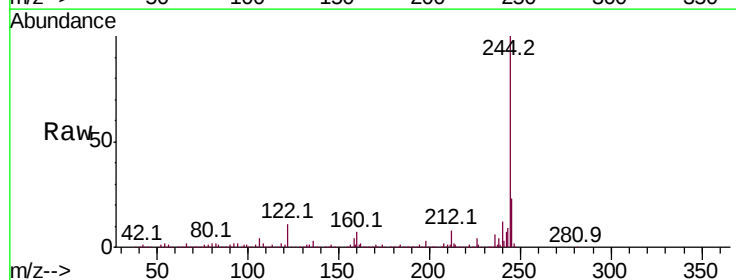


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

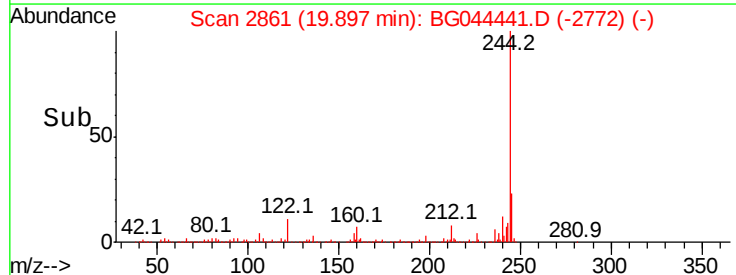
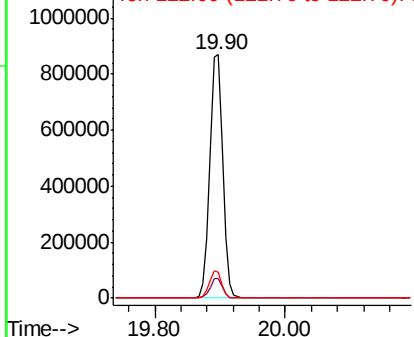


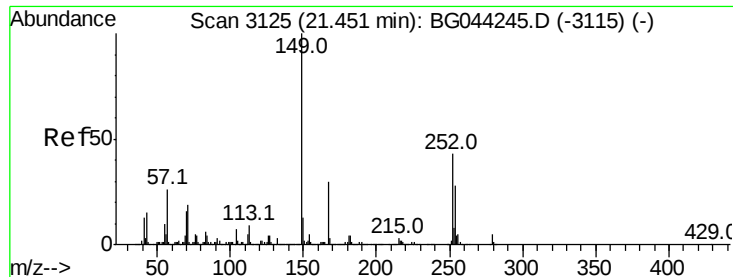
#79
 Terphenyl-d14
 Concen: 60.814 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG044441.D
 Acq: 14 Feb 2020 16:41

Tgt Ion:244 Resp: 1210876
 Ion Ratio Lower Upper
 244 100
 212 8.1 7.4 11.2
 122 10.5 9.8 14.6



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.903 ng

RT: 21.42 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG044441.D

Acq: 14 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

COMP-2

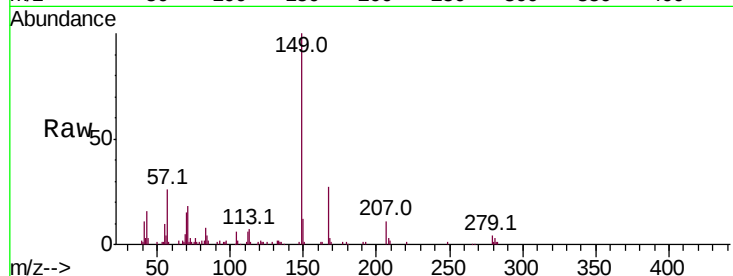
Tot Ion:149 Resp: 47894

Ion Ratio Lower Upper

149 100

167 27.4 24.0 36.0

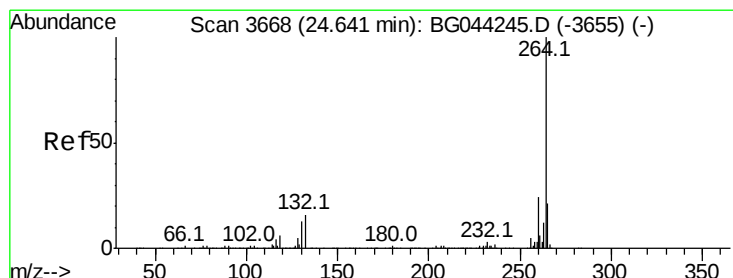
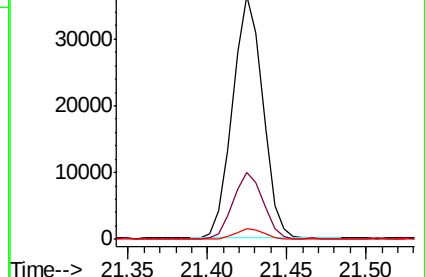
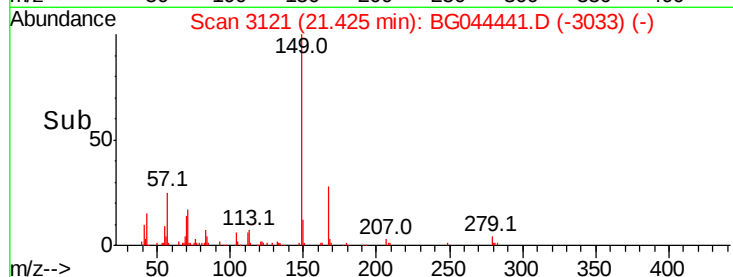
279 4.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.60 min Scan# 3662

Delta R.T. -0.02 min

Lab File: BG044441.D

Acq: 14 Feb 2020 16:41

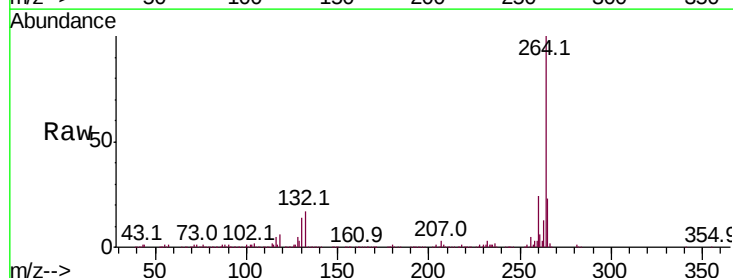
Tgt Ion:264 Resp: 419191

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 23.3 16.7 25.1



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

