

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044494.D
 Acq On : 19 Feb 2020 18:06
 Operator : CG/JU
 Sample : L1558-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0166-COMP-BT-A

Quant Time: Feb 28 13:23:14 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

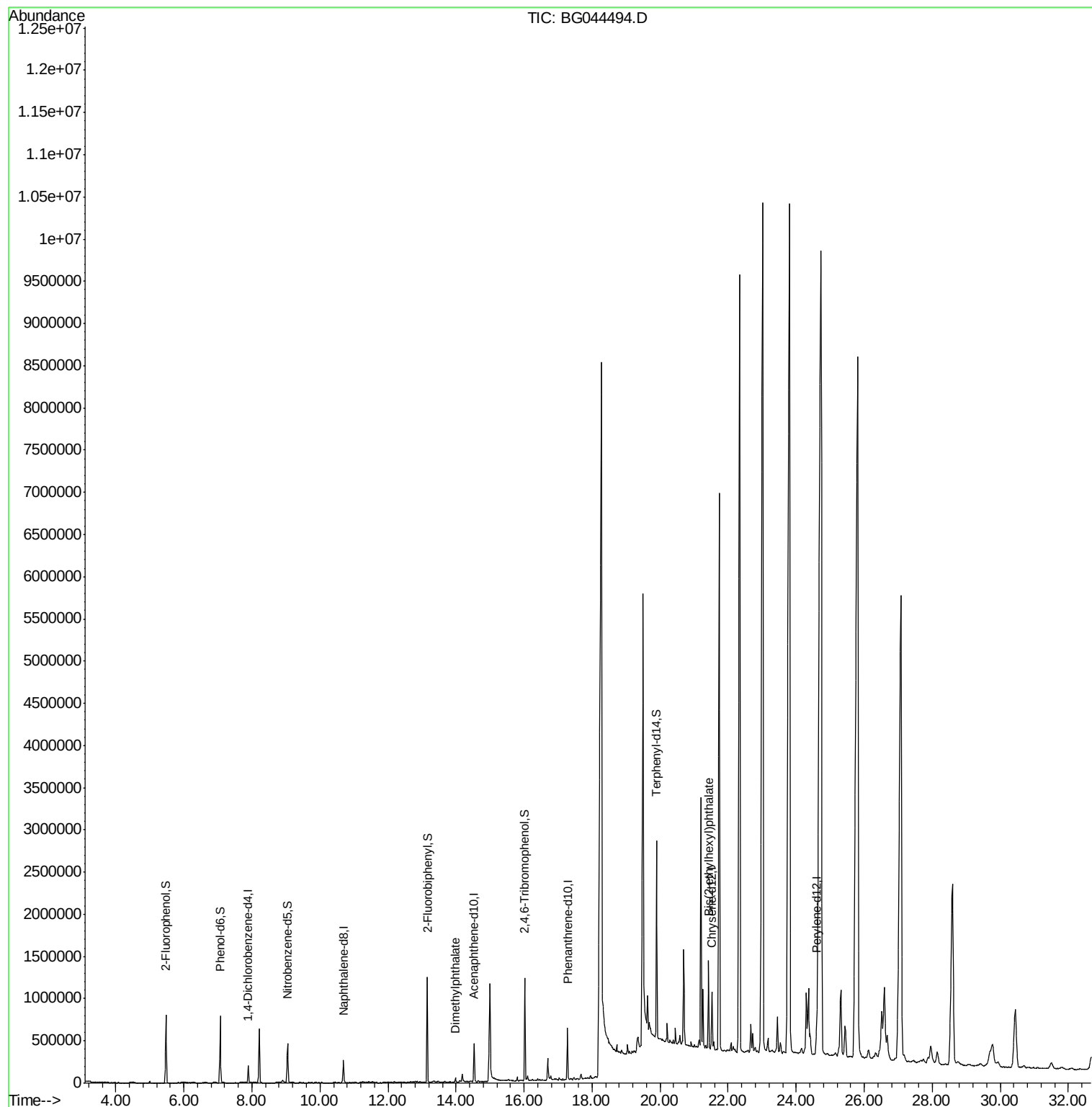
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	59867	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	246843	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	160428	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	388237	20.00	ng	-0.02
76) Chrysene-d12	21.52	240	380157	20.00	ng	-0.02
87) Perylene-d12	24.61	264	393336	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	391707	115.47	ng	-0.01
7) Phenol-d6	7.07	99	506438	111.18	ng	-0.01
23) Nitrobenzene-d5	9.05	82	301504	68.96	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	239866	127.36	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	685052	71.51	ng	-0.01
79) Terphenyl-d14	19.90	244	1170400	63.33	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.98	163	34646	3.004	ng	99
84) Bis(2-ethylhexyl)phthalate	21.43	149	452138	29.525	ng	97

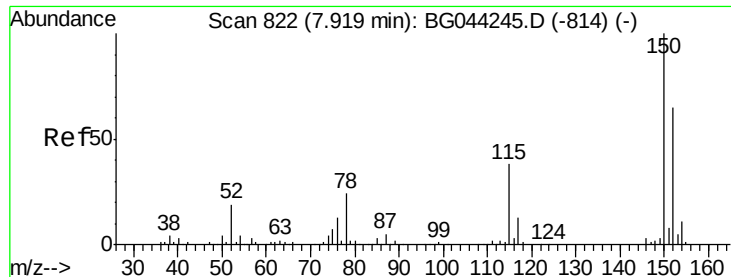
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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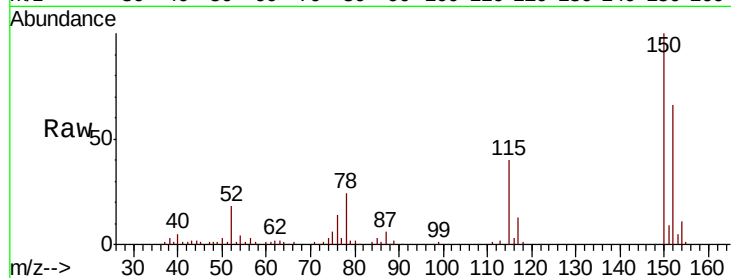


#1

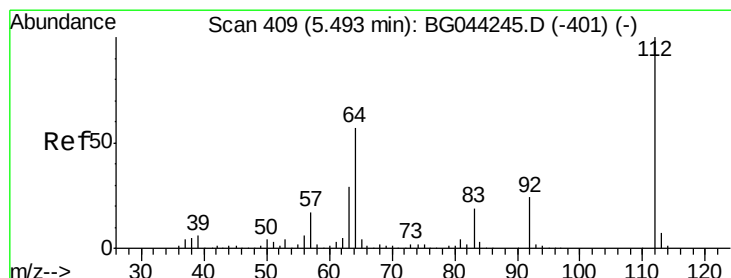
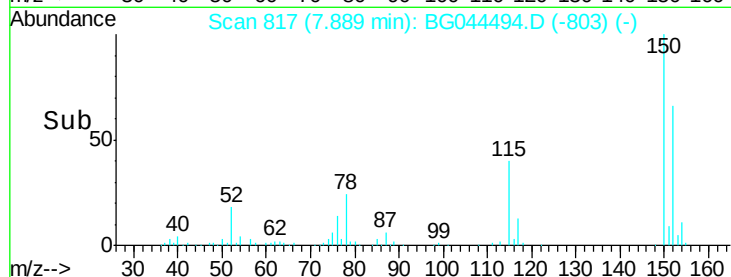
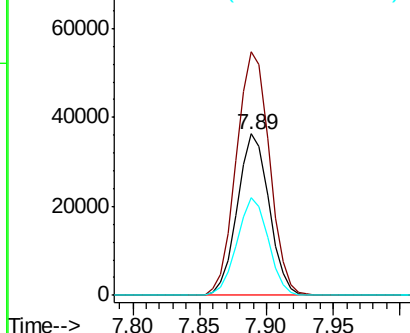
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG044494.D
 Acq: 19 Feb 2020 18:06

Instrument :
 BNA_G
 ClientSampleId :
 0166-COMP-BT-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	122.6	183.8
115	60.3	46.0	69.0



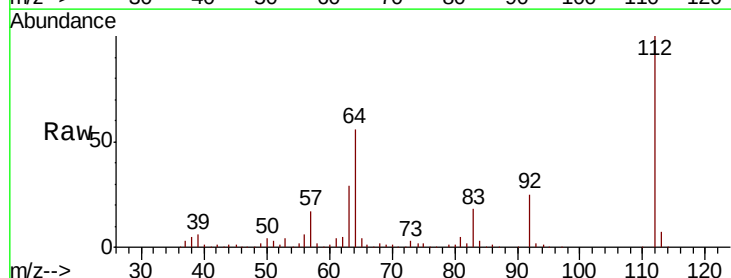
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



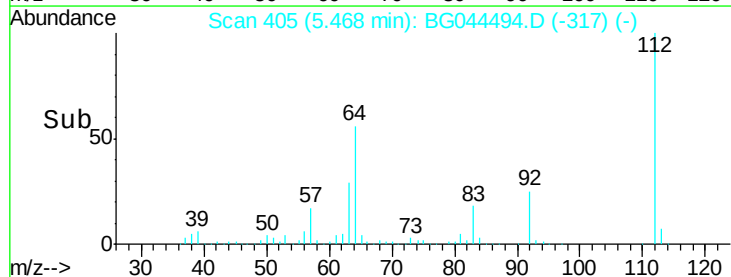
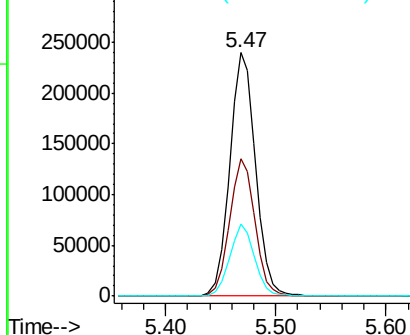
#5

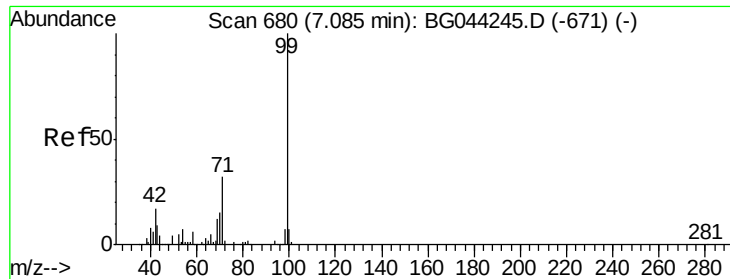
2-Fluorophenol
 Concen: 115.473 ng
 RT: 5.47 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BG044494.D
 Acq: 19 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	45.4	68.2
63	29.5	22.9	34.3



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 111.178 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044494.D

Acq: 19 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

0166-COMP-BT-A

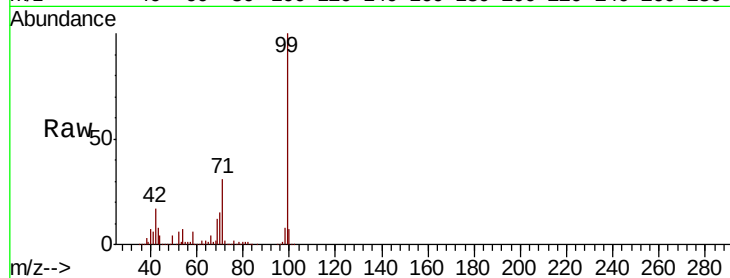
Tot Ion: 99 Resp: 506438

Ion Ratio Lower Upper

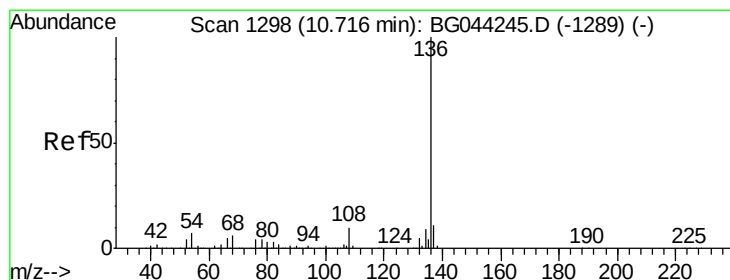
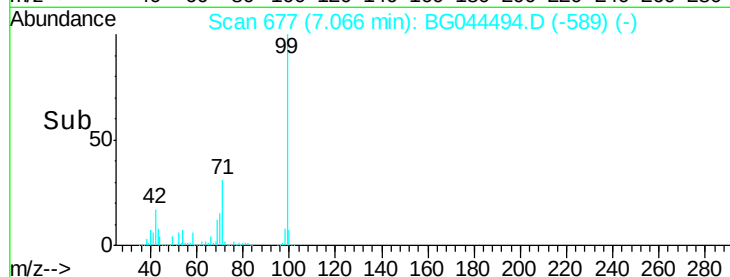
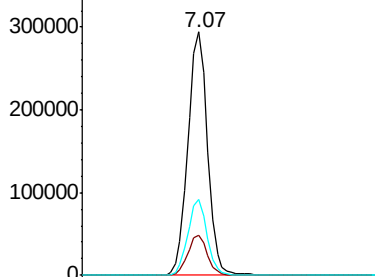
99 100

42 16.7 13.8 20.6

71 31.0 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG044494.D

Acq: 19 Feb 2020 18:06

Tgt Ion: 136 Resp: 246843

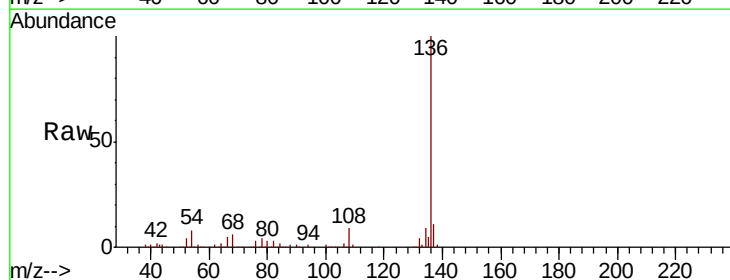
Ion Ratio Lower Upper

136 100

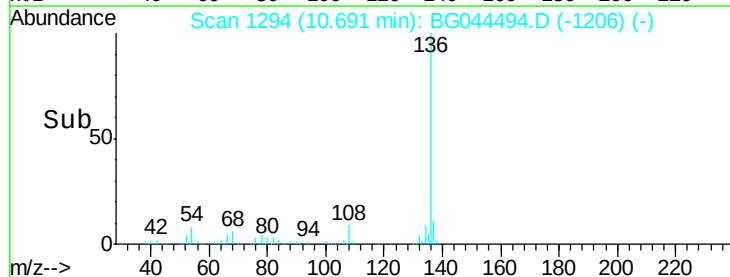
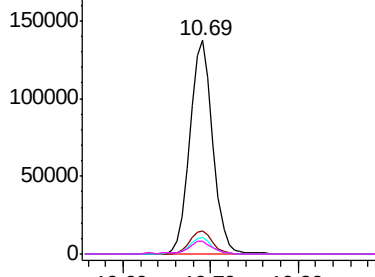
137 10.7 8.8 13.2

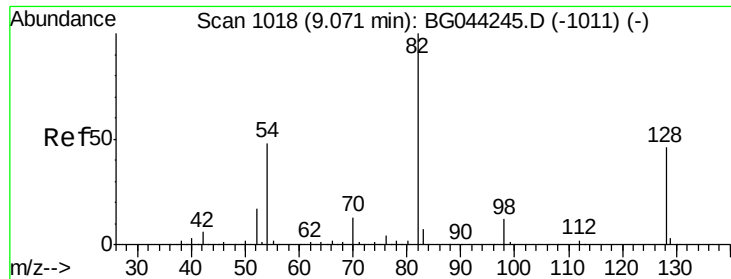
54 7.6 5.8 8.8

68 5.8 4.6 6.8



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

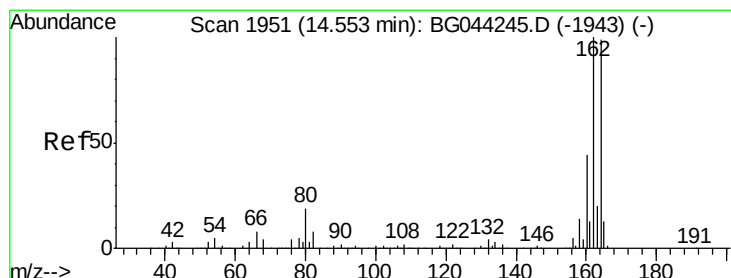
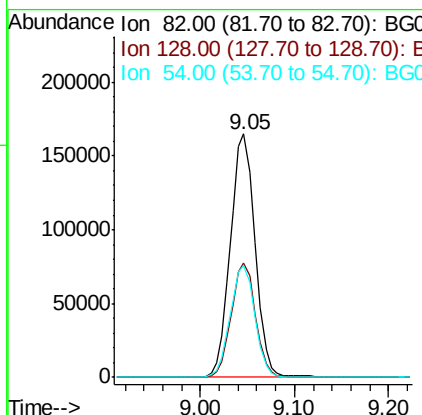
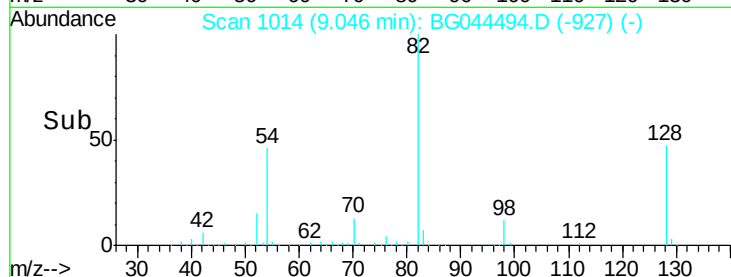
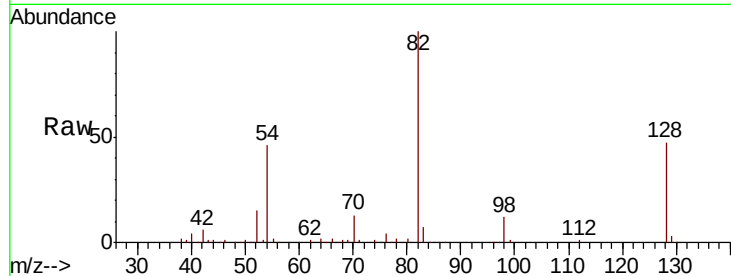




#23
Nitrobenzene-d5
Concen: 68.958 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG044494.D
Acq: 19 Feb 2020 18:06

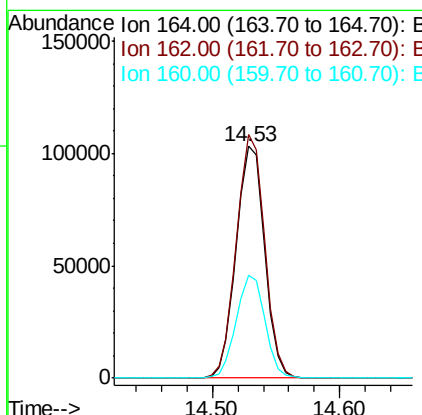
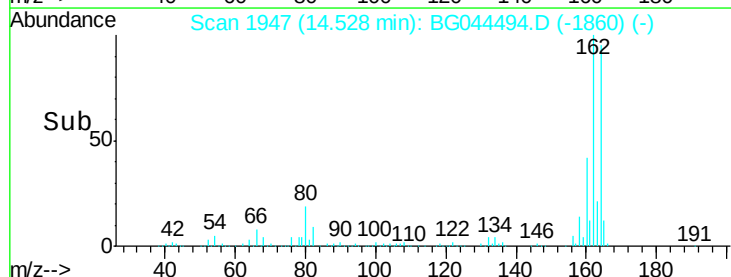
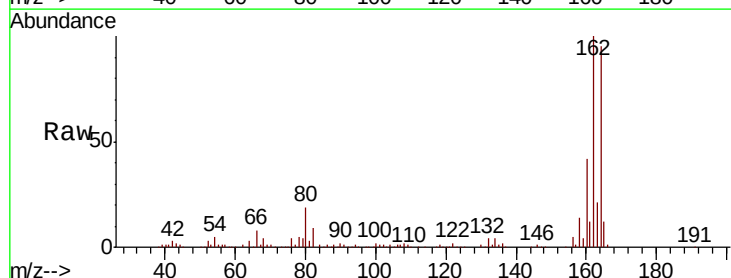
Instrument :
BNA_G
ClientSampleId :
0166-COMP-BT-A

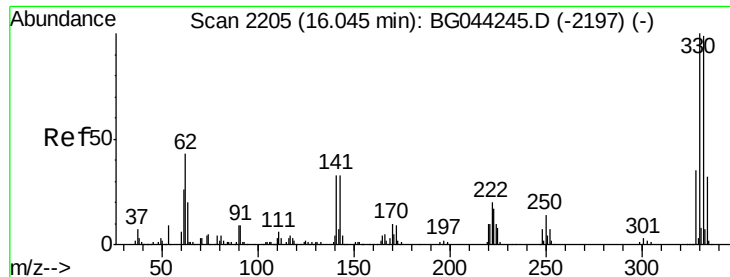
Tot Ion: 82 Resp: 301504
Ion Ratio Lower Upper
82 100
128 46.7 36.5 54.7
54 45.9 38.6 58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG044494.D
Acq: 19 Feb 2020 18:06

Tgt Ion: 164 Resp: 160428
Ion Ratio Lower Upper
164 100
162 105.1 80.7 121.1
160 44.5 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 127.363 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044494.D

Acq: 19 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

0166-COMP-BT-A

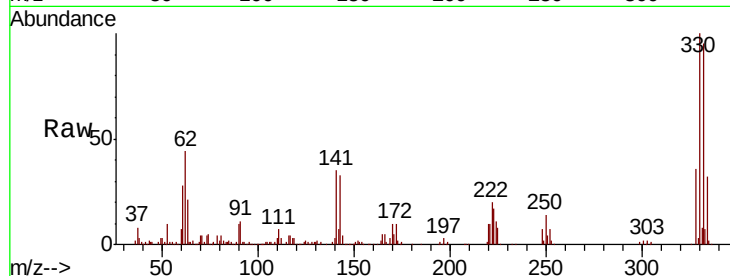
Tot Ion:330 Resp: 239866

Ion Ratio Lower Upper

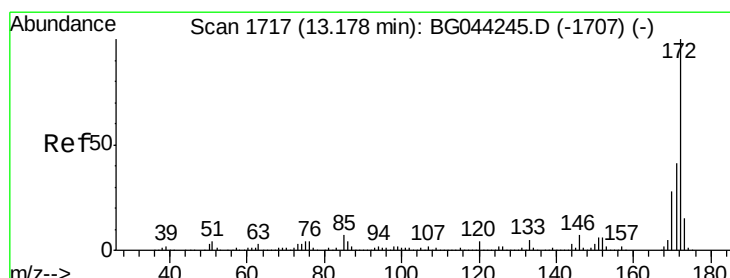
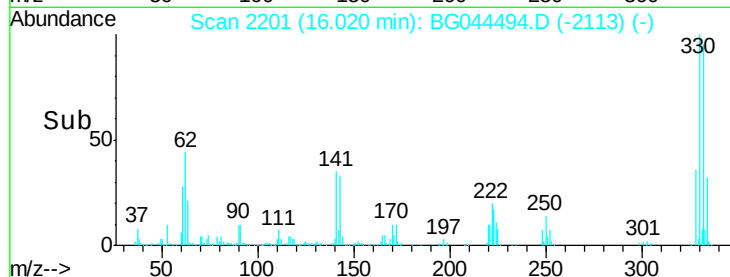
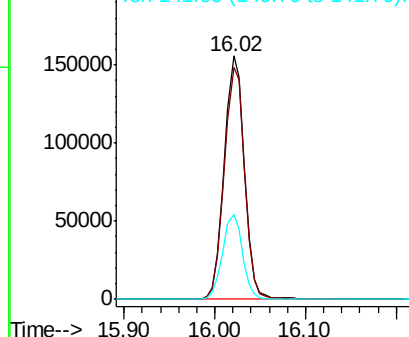
330 100

332 96.1 77.2 115.8

141 34.5 28.3 42.5



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: 71.506 ng

RT: 13.15 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG044494.D

Acq: 19 Feb 2020 18:06

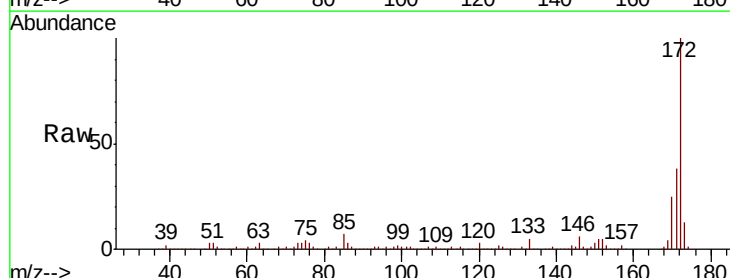
Tgt Ion:172 Resp: 685052

Ion Ratio Lower Upper

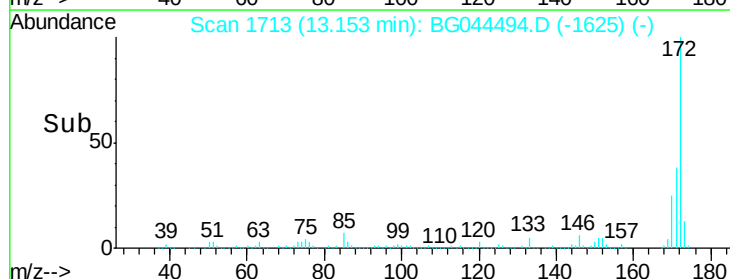
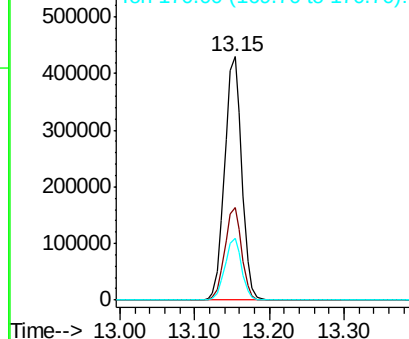
172 100

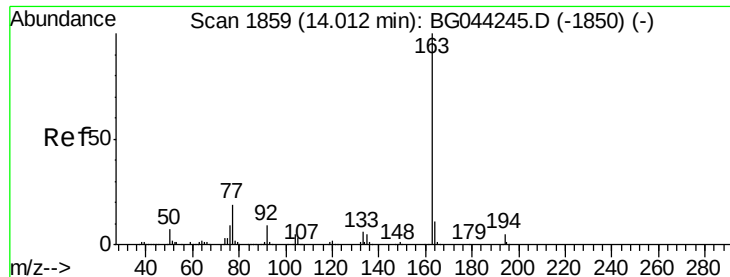
171 38.0 32.9 49.3

170 25.3 22.0 33.0



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.004 ng

RT: 13.98 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BG044494.D

Acq: 19 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

0166-COMP-BT-A

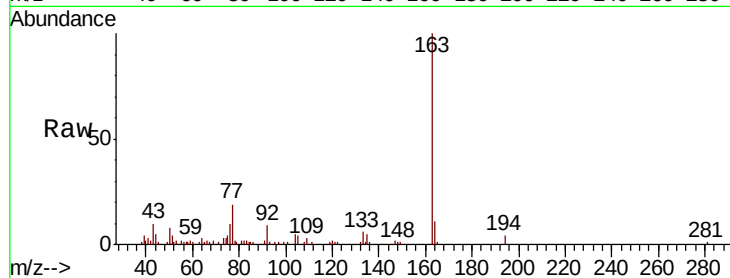
Tot Ion:163 Resp: 34646

Ion Ratio Lower Upper

163 100

194 3.7 3.6 5.4

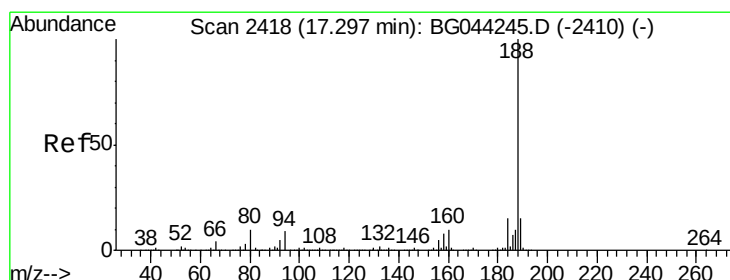
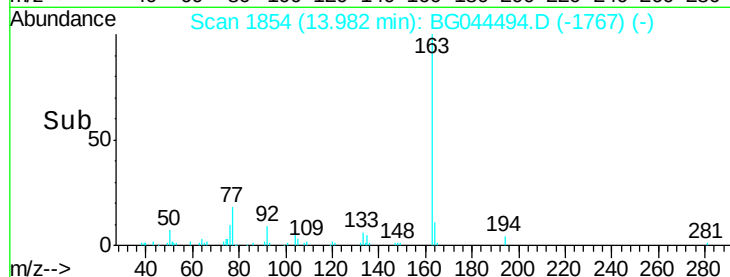
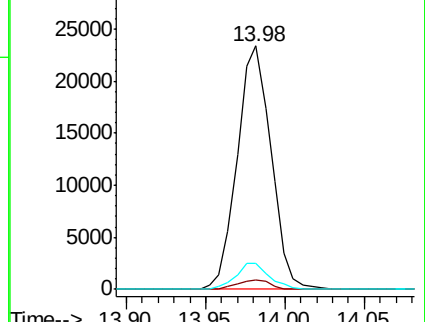
164 10.8 8.7 13.1



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: 17.27 min Scan# 2414

Delta R.T. -0.02 min

Lab File: BG044494.D

Acq: 19 Feb 2020 18:06

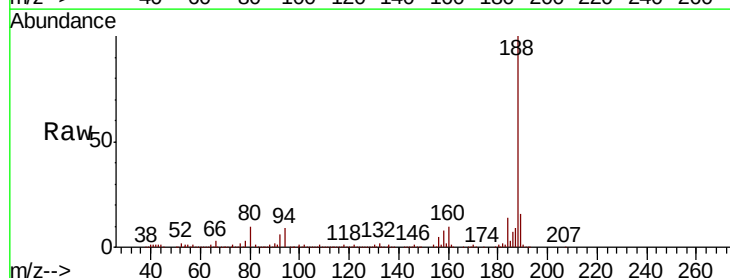
Tgt Ion:188 Resp: 388237

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

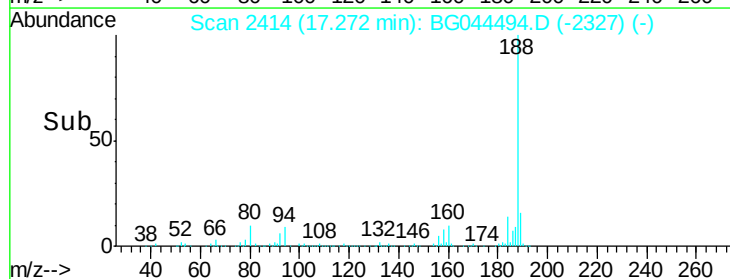
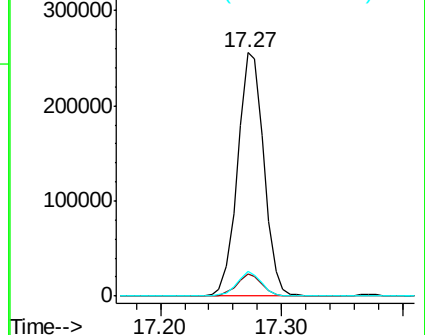
80 10.4 7.7 11.5

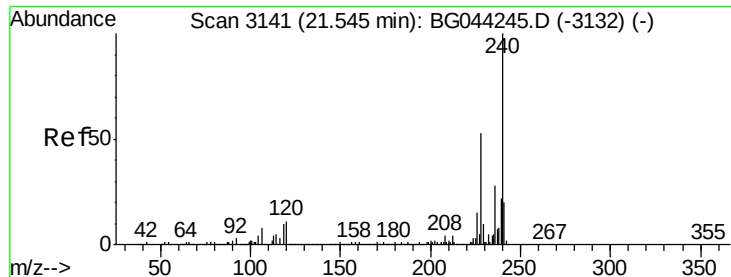


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

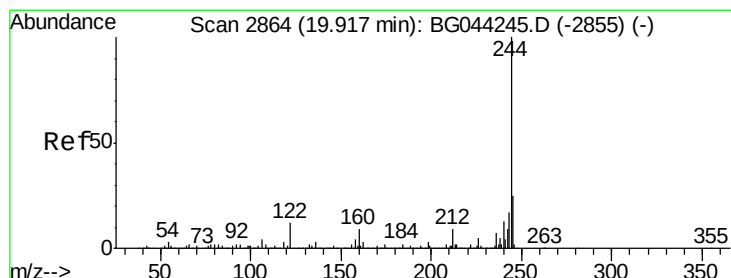
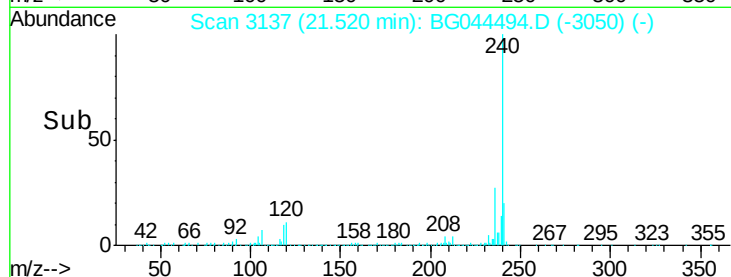
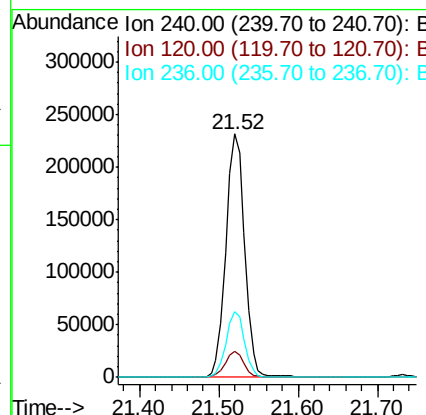
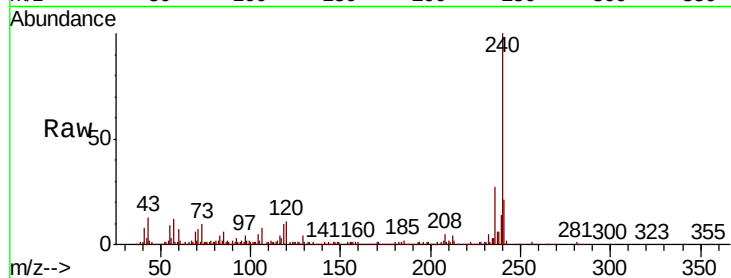




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.02 min
 Lab File: BG044494.D
 Acq: 19 Feb 2020 18:06

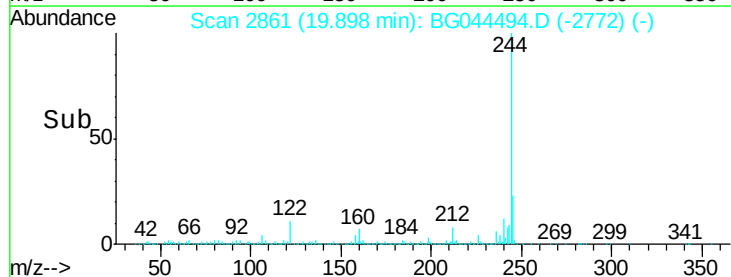
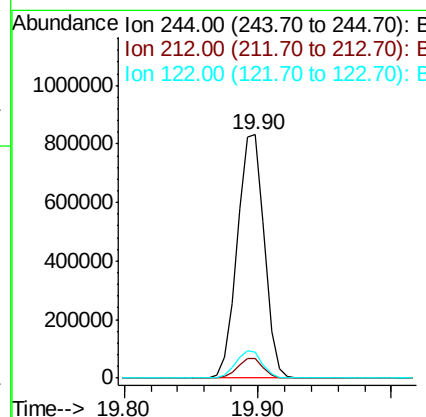
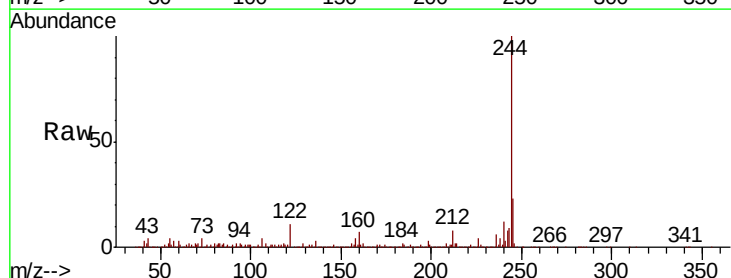
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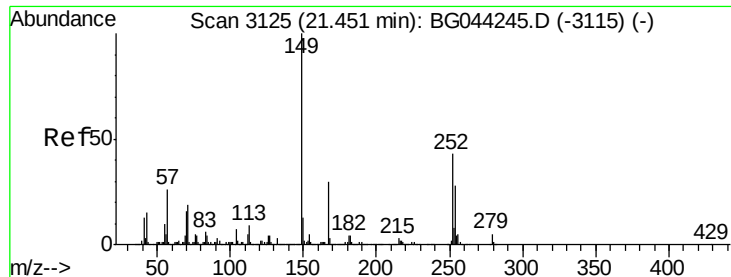
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.4	12.6
236	27.2	22.1	33.1



#79
 Terphenyl-d14
 Concen: 63.325 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BG044494.D
 Acq: 19 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.4	11.2
122	10.7	9.8	14.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 29.525 ng

RT: 21.43 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG044494.D

Acq: 19 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

0166-COMP-BT-A

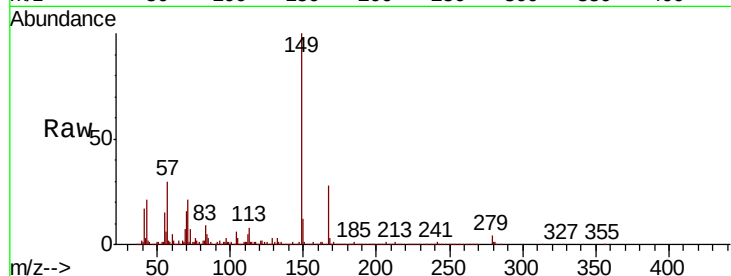
Tot Ion:149 Resp: 452138

Ion Ratio Lower Upper

149 100

167 28.0 24.0 36.0

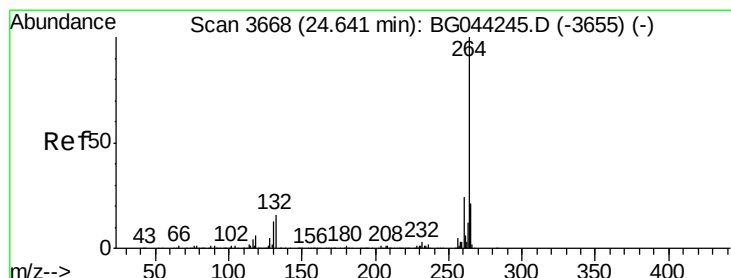
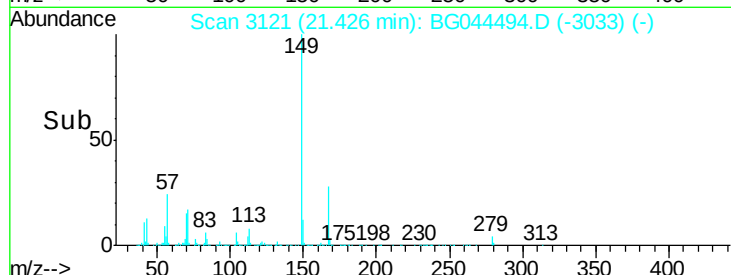
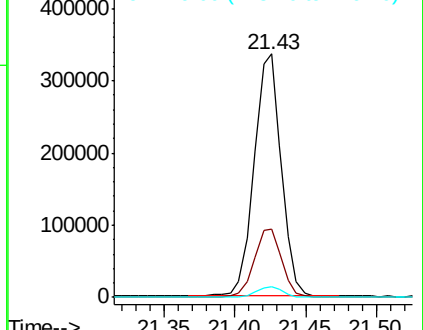
279 4.4 3.8 5.8



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: 24.61 min Scan# 3663

Delta R.T. -0.01 min

Lab File: BG044494.D

Acq: 19 Feb 2020 18:06

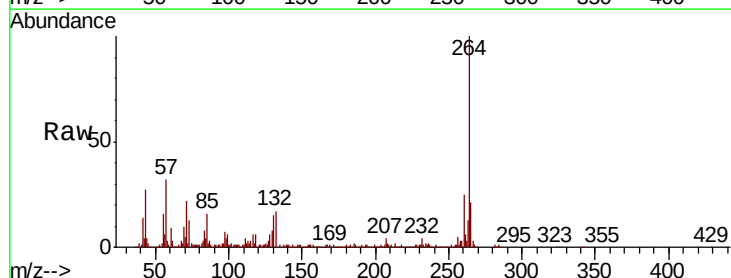
Tgt Ion:264 Resp: 393336

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

265 21.4 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

