

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
 Data File : BG044447.D
 Acq On : 14 Feb 2020 20:36
 Operator : CG/JU
 Sample : L1511-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAYDOWN-SOFT-AREA

Quant Time: Feb 17 00:24:02 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

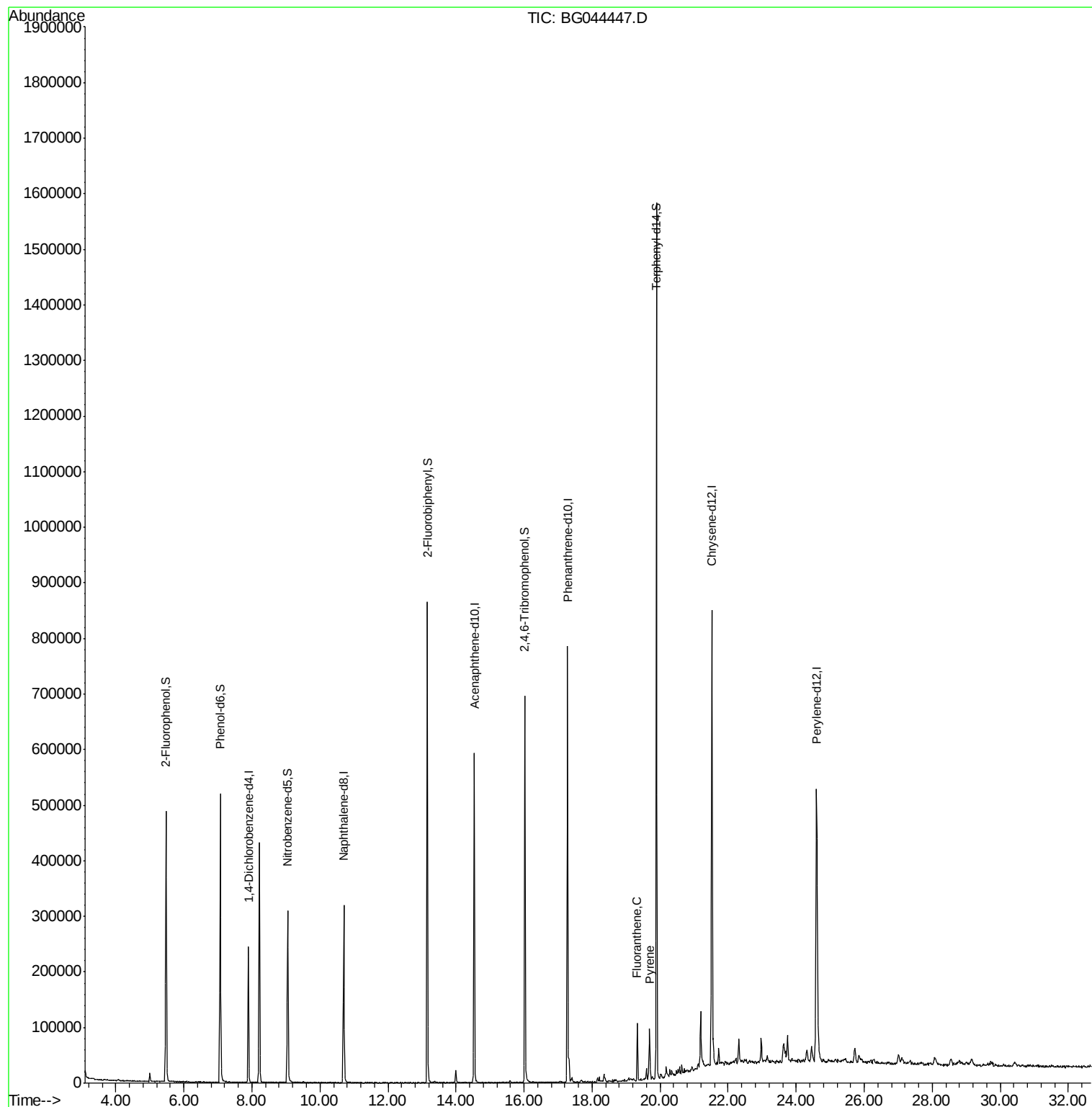
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	73198	20.00	ng	-0.01
21) Naphthalene-d8	10.70	136	319911	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	215320	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	502834	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	470251	20.00	ng	-0.02
87) Perylene-d12	24.60	264	497822	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	257571	62.10	ng	-0.01
7) Phenol-d6	7.07	99	348967	62.66	ng	-0.01
23) Nitrobenzene-d5	9.05	82	216538	38.21	ng	-0.01
42) 2,4,6-Tribromophenol	16.02	330	145808	57.68	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	498902	38.80	ng	-0.01
79) Terphenyl-d14	19.89	244	782611	34.23	ng	-0.01
Target Compounds						
75) Fluoranthene	19.33	202	65175	2.314	ng	95
78) Pyrene	19.69	202	61028	2.021	ng	95

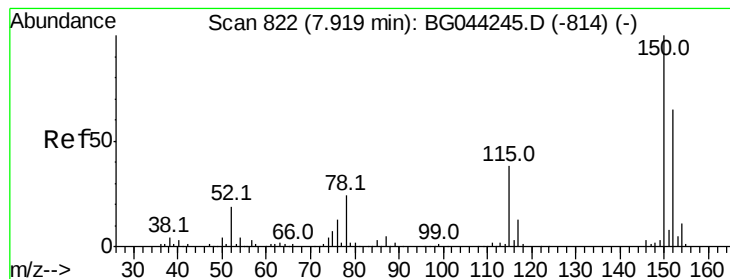
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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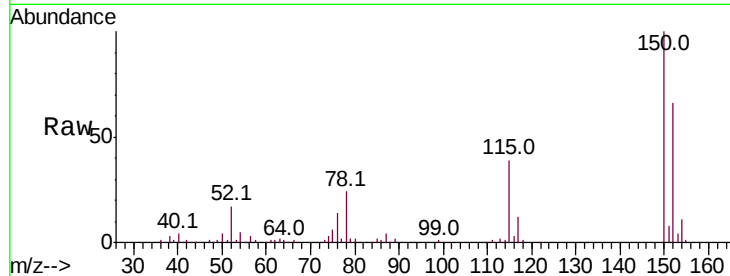


#1

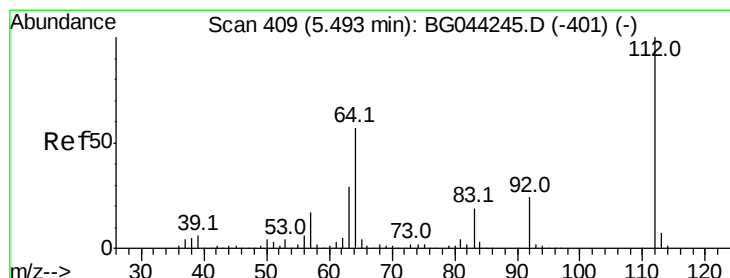
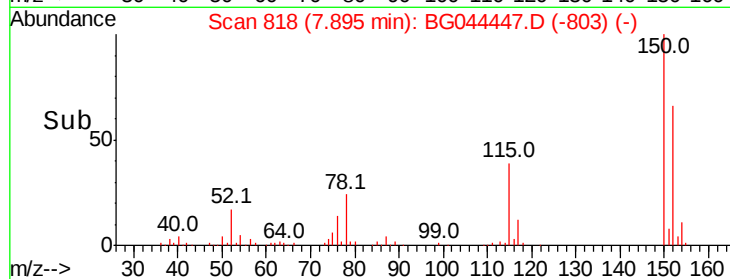
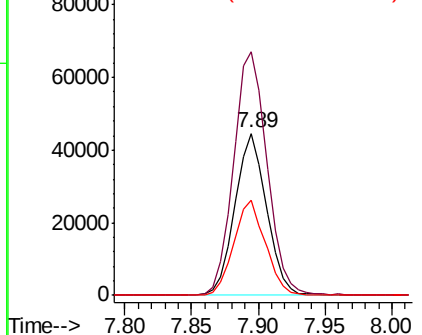
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG044447.D
 Acq: 14 Feb 2020 20:36

Instrument :
 BNA_G
 ClientSampleId :
 LAYDOWN-SOFT-AREA

Tot Ion:152 Resp: 73198
 Ion Ratio Lower Upper
 152 100
 150 150.6 122.6 183.8
 115 58.5 46.0 69.0



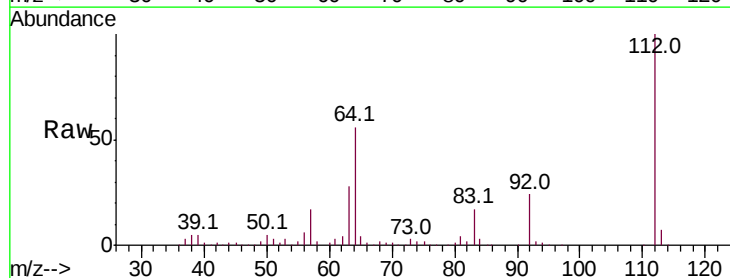
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



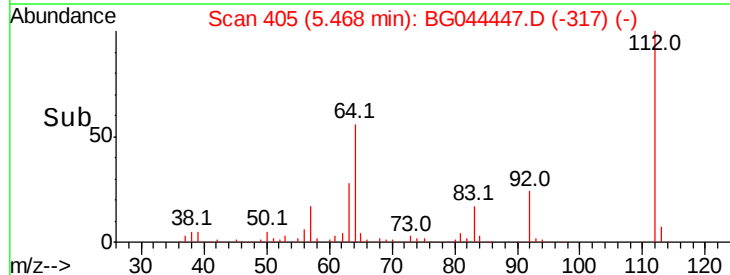
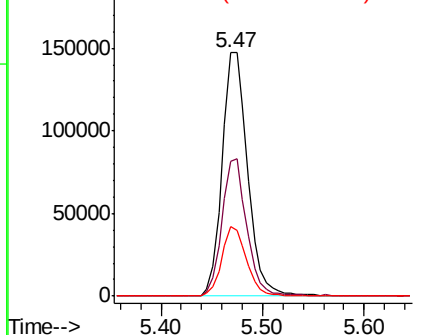
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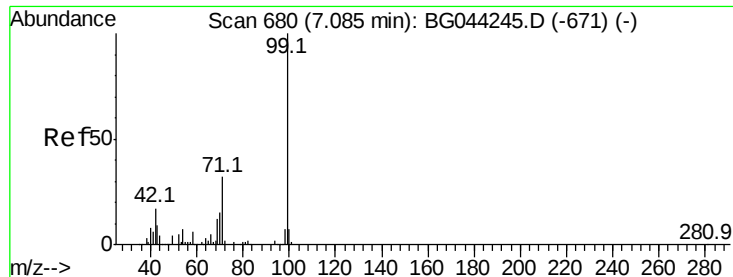
2-Fluorophenol
 Concen: 62.102 ng
 RT: 5.47 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BG044447.D
 Acq: 14 Feb 2020 20:36

Tgt Ion:112 Resp: 257571
 Ion Ratio Lower Upper
 112 100
 64 55.6 45.4 68.2
 63 28.3 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: 62.656 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044447.D

Acq: 14 Feb 2020 20:36

Instrument :

BNA_G

ClientSampleId :

LAYDOWN-SOFT-AREA

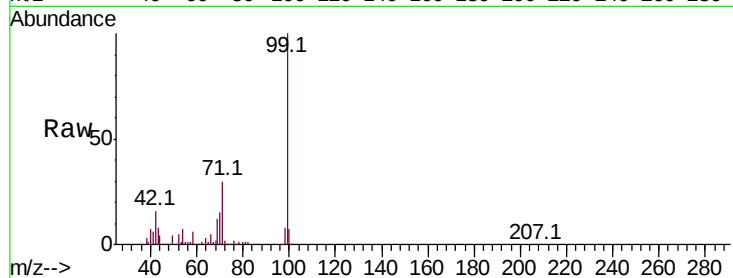
Tot Ion: 99 Resp: 348967

Ion Ratio Lower Upper

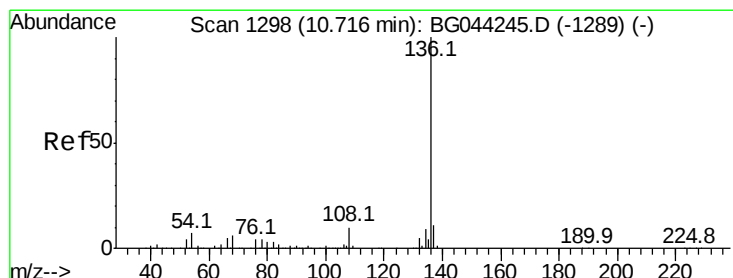
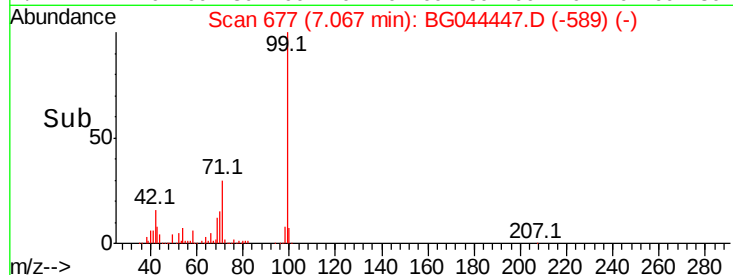
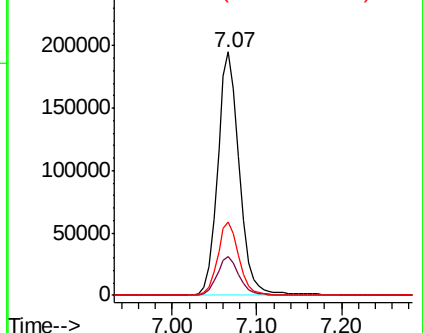
99 100

42 16.2 13.8 20.6

71 30.2 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: 10.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BG044447.D

Acq: 14 Feb 2020 20:36

Tgt Ion: 136 Resp: 319911

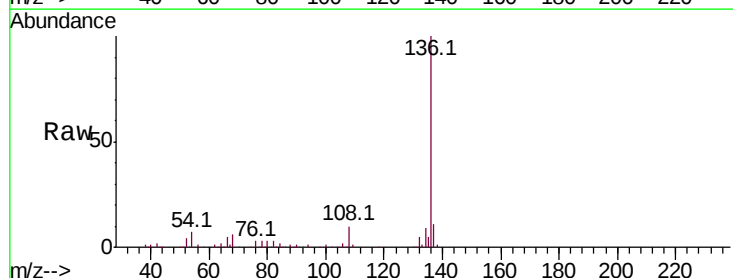
Ion Ratio Lower Upper

136 100

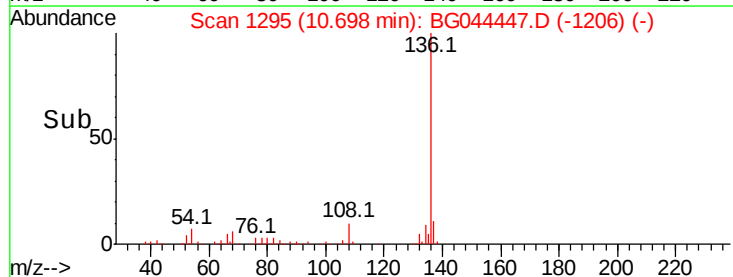
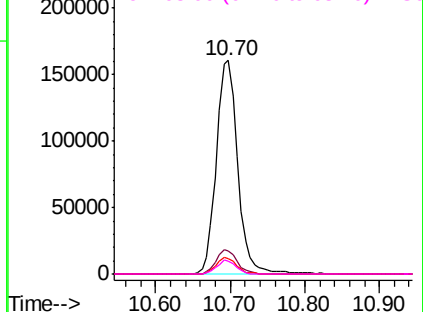
137 11.1 8.8 13.2

54 7.4 5.8 8.8

68 6.2 4.6 6.8



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): BGC
Ion 68.00 (67.70 to 68.70): BGC

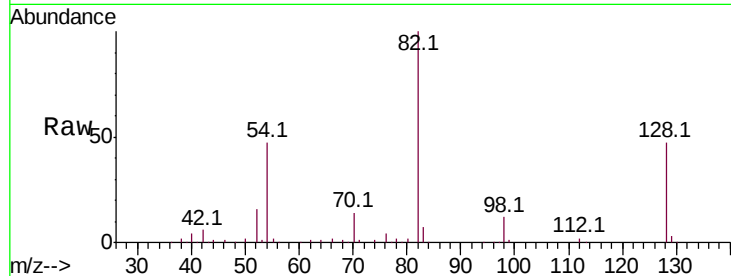




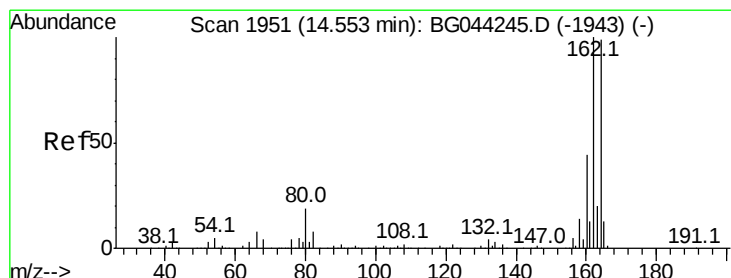
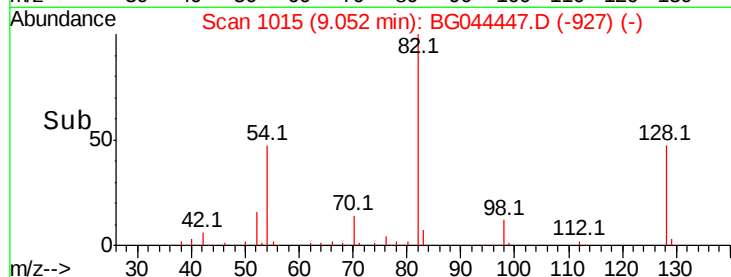
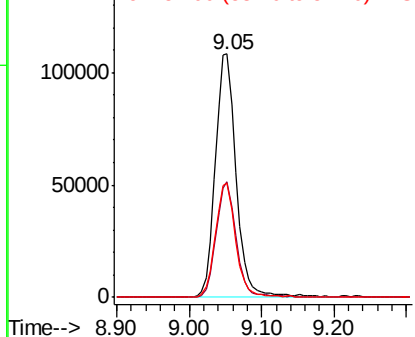
#23
Nitrobenzene-d5
Concen: 38.214 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044447.D
Acq: 14 Feb 2020 20:36

Instrument :
BNA_G
ClientSampleId :
LAYDOWN-SOFT-AREA

Tot Ion: 82 Resp: 216538
Ion Ratio Lower Upper
82 100
128 47.3 36.5 54.7
54 47.1 38.6 58.0

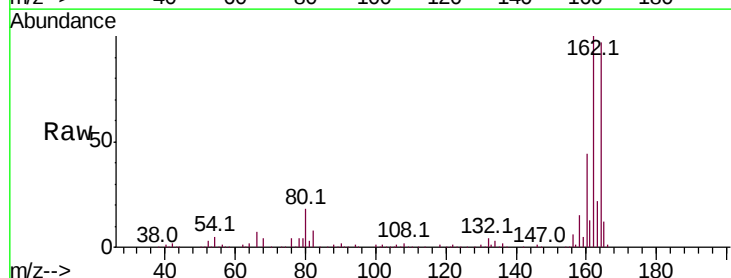


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

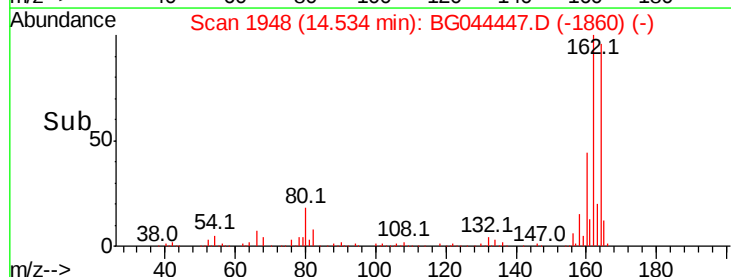
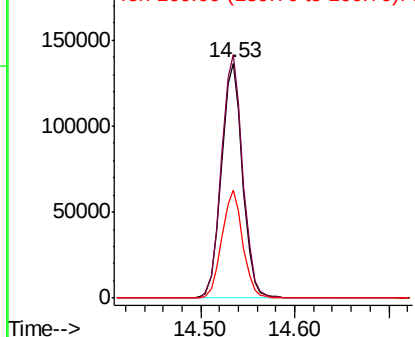


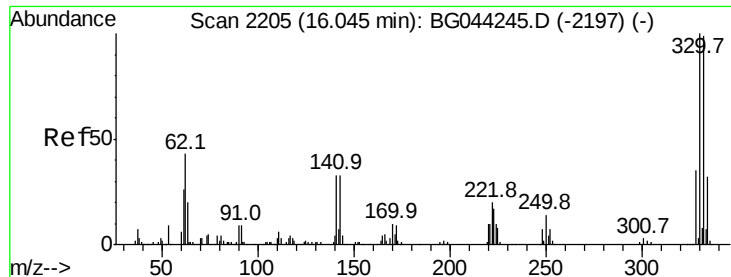
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG044447.D
Acq: 14 Feb 2020 20:36

Tgt Ion:164 Resp: 215320
Ion Ratio Lower Upper
164 100
162 103.5 80.7 121.1
160 46.0 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

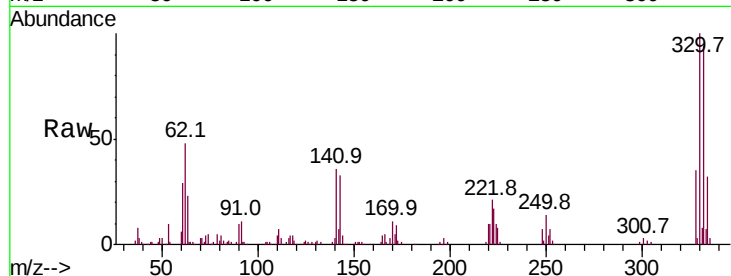




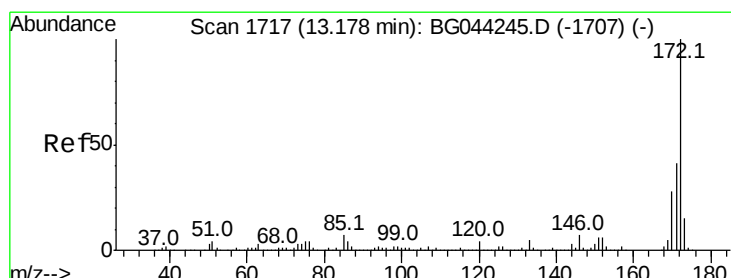
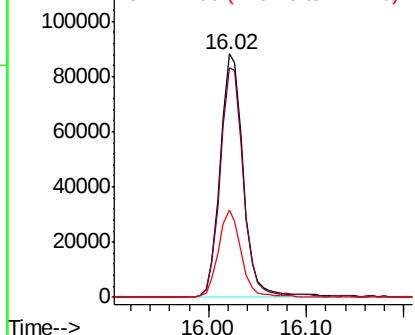
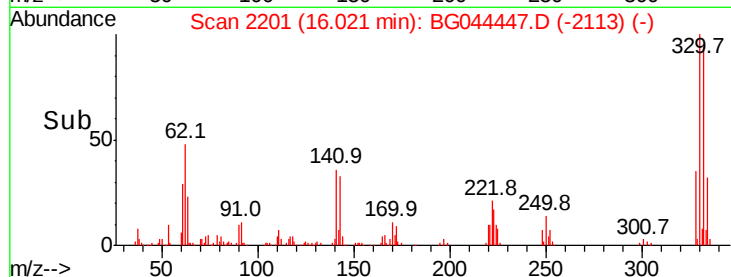
#42
 2,4,6-Tribromophenol
 Concen: 57.683 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG044447.D
 Acq: 14 Feb 2020 20:36

Instrument :
 BNA_G
 ClientSampleId :
 LAYDOWN-SOFT-AREA

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.2	115.8
141	35.0	28.3	42.5

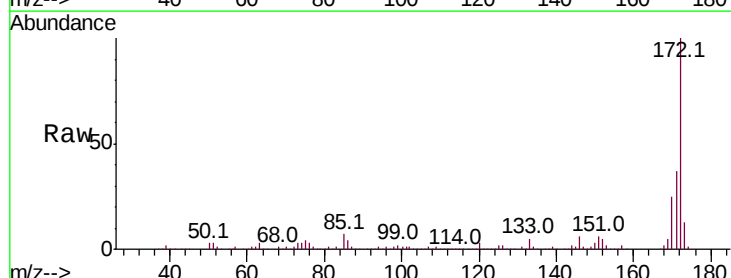


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

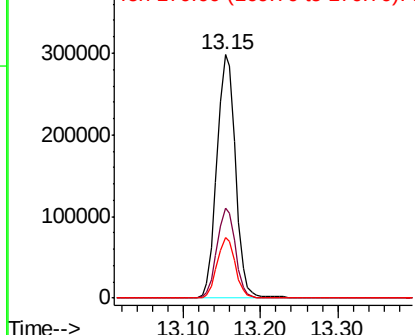
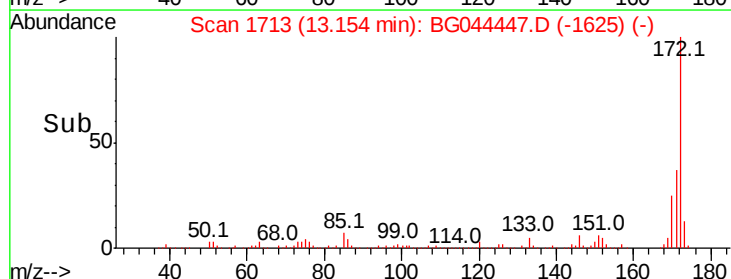


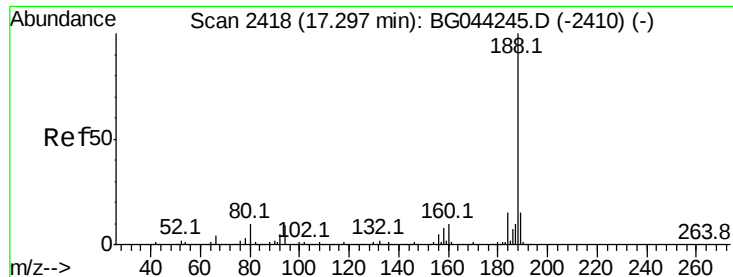
#45
 2-Fluorobiphenyl
 Concen: 38.800 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG044447.D
 Acq: 14 Feb 2020 20:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	32.9	49.3
170	25.0	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

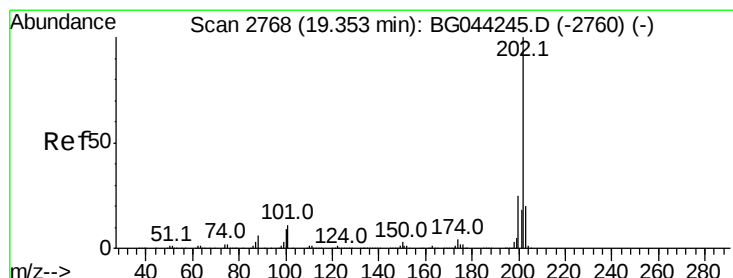
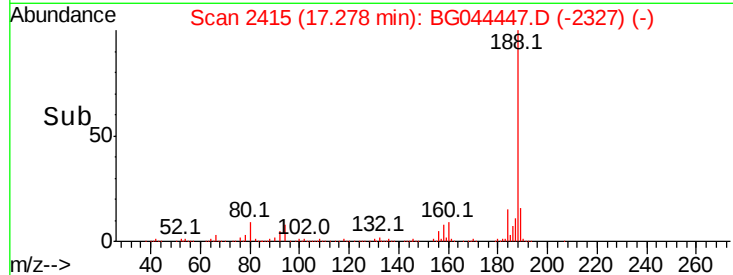
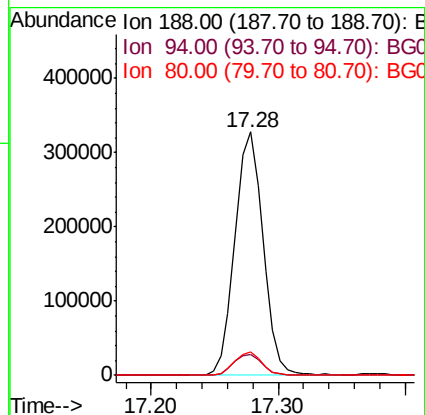
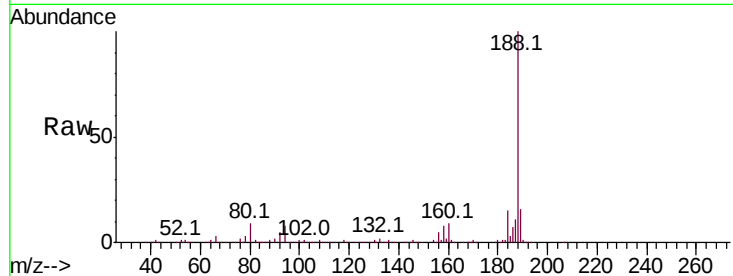




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG044447.D
Acq: 14 Feb 2020 20:36

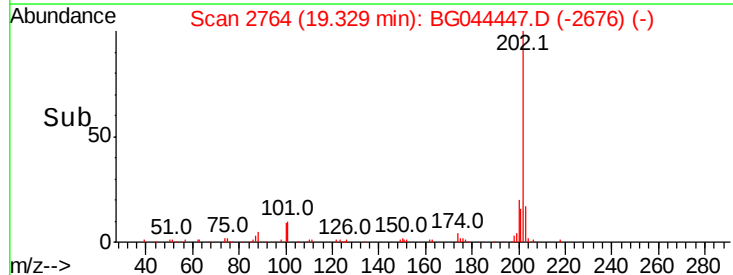
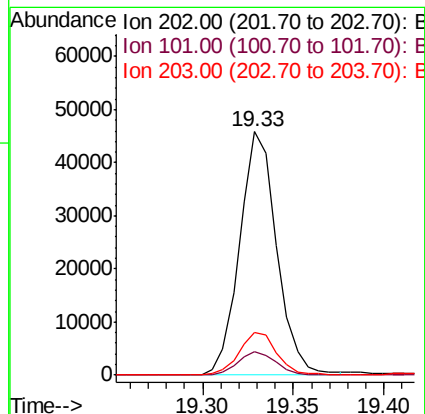
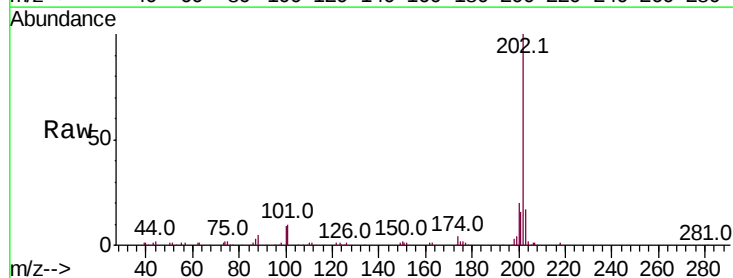
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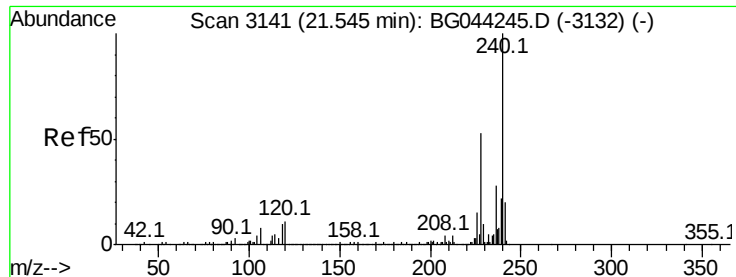
Tot Ion:188 Resp: 502834
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.5 7.7 11.5



#75
Fluoranthene
Concen: 2.314 ng
RT: 19.33 min Scan# 2764
Delta R.T. -0.01 min
Lab File: BG044447.D
Acq: 14 Feb 2020 20:36

Tgt Ion:202 Resp: 65175
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.3
203 17.4 0.0 39.9

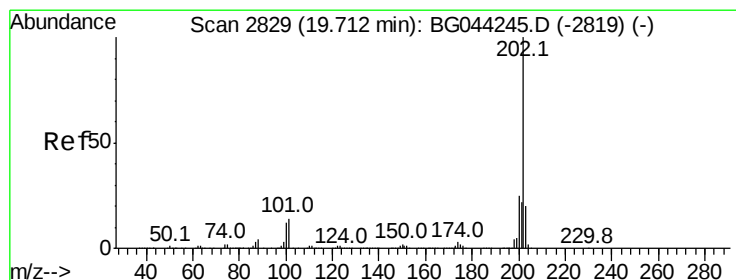
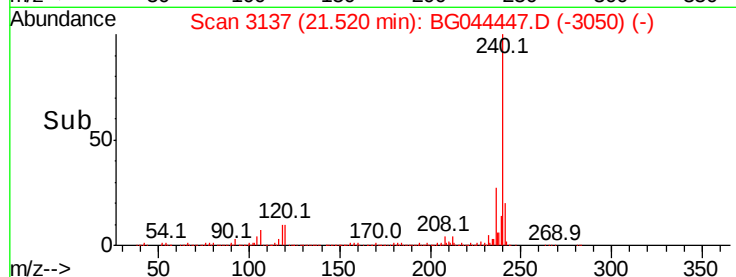
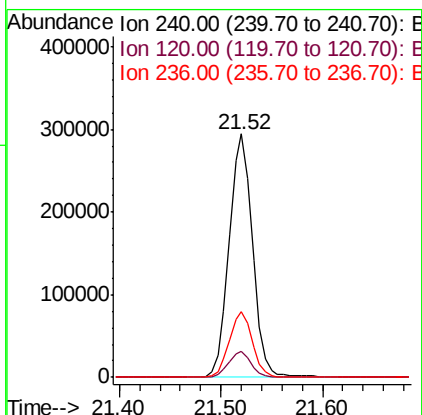
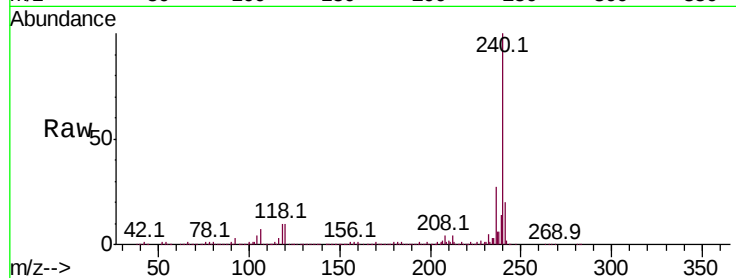




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.02 min
Lab File: BG044447.D
Acq: 14 Feb 2020 20:36

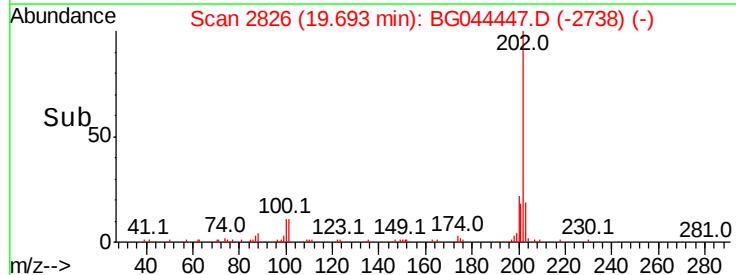
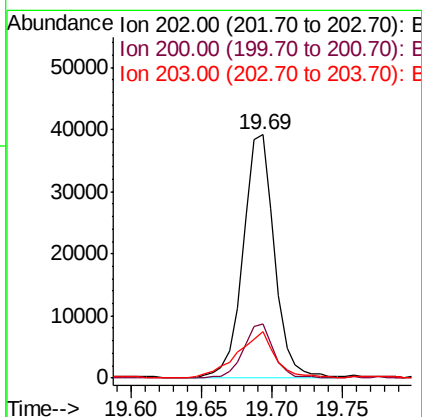
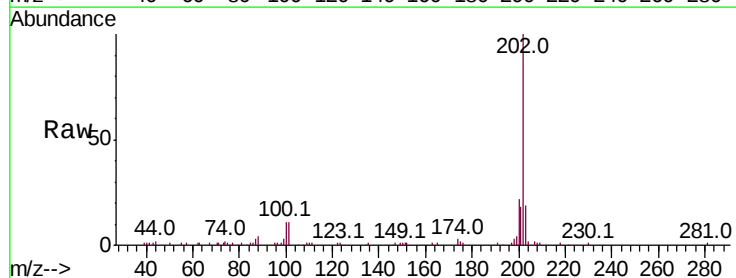
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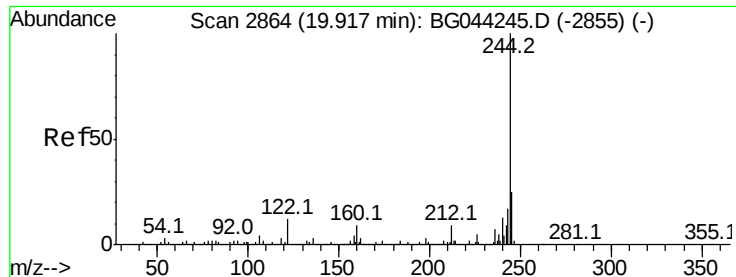
Tot Ion:240 Resp: 470251
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 27.2 22.1 33.1



#78
Pyrene
Concen: 2.021 ng
RT: 19.69 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BG044447.D
Acq: 14 Feb 2020 20:36

Tgt Ion:202 Resp: 61028
Ion Ratio Lower Upper
202 100
200 22.0 20.0 30.0
203 18.9 16.2 24.2





#79

Terphenyl-d14

Concen: 34.231 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG044447.D

Acq: 14 Feb 2020 20:36

Instrument :

BNA_G

ClientSampleId :

LAYDOWN-SOFT-AREA

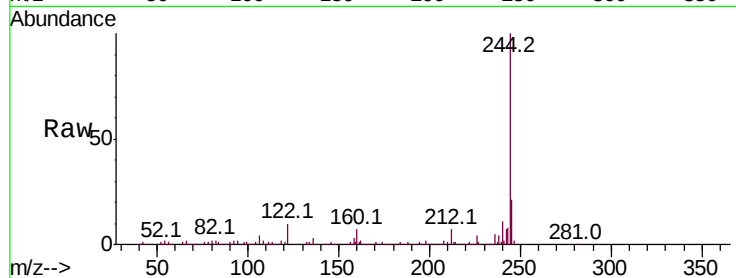
Tot Ion:244 Resp: 782611

Ion Ratio Lower Upper

244 100

212 7.3 7.4 11.2#

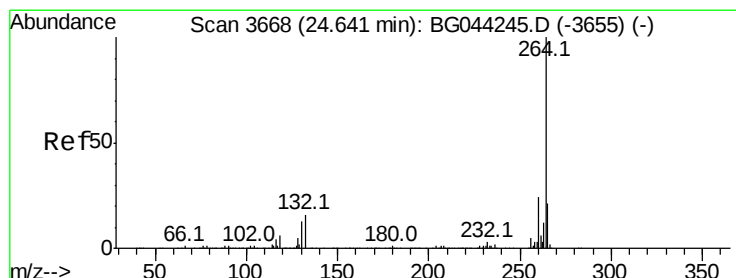
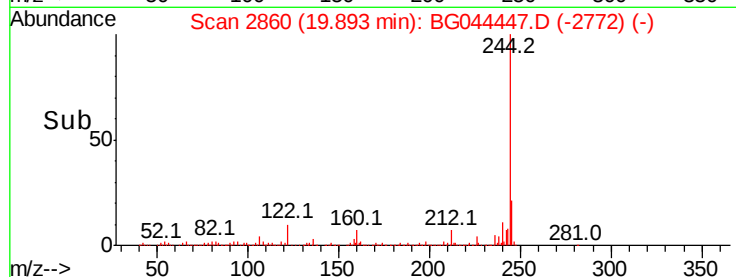
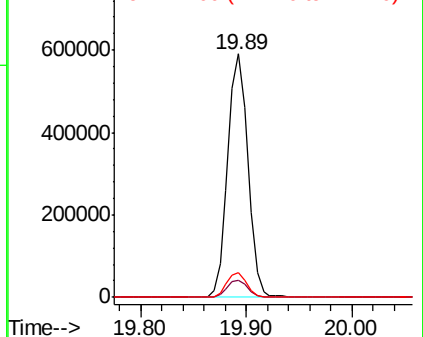
122 10.4 9.8 14.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.60 min Scan# 3661

Delta R.T. -0.02 min

Lab File: BG044447.D

Acq: 14 Feb 2020 20:36

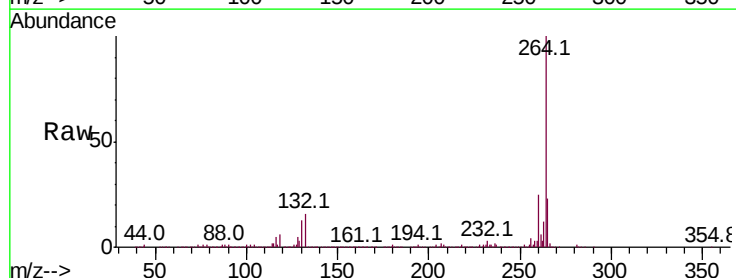
Tgt Ion:264 Resp: 497822

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 22.5 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

