

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
 Data File : BG044432.D
 Acq On : 14 Feb 2020 00:33
 Operator : CG/JU
 Sample : L1511-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAYDOWN-SOFT-AREA

Quant Time: Feb 14 04:00:28 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

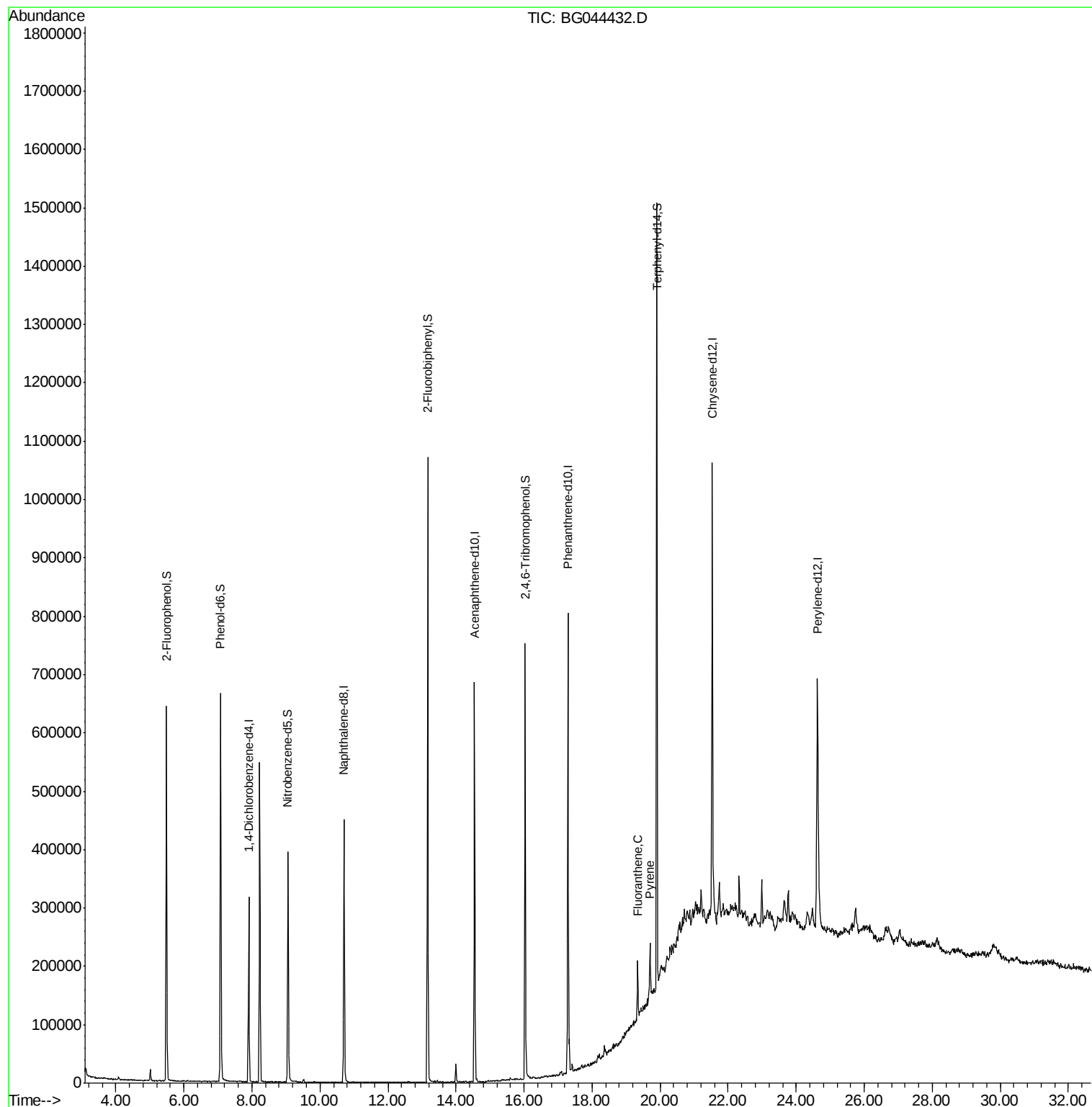
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	97855	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	417053	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	255577	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	498616	20.00	ng	0.00
76) Chrysene-d12	21.53	240	445985	20.00	ng	0.00
87) Perylene-d12	24.62	264	479345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	324695	58.56	ng	0.00
7) Phenol-d6	7.08	99	446723	60.00	ng	0.00
23) Nitrobenzene-d5	9.06	82	272315	36.86	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	150055	50.01	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	580534	38.04	ng	0.00
79) Terphenyl-d14	19.90	244	672522	31.02	ng	0.00
Target Compounds						
75) Fluoranthene	19.34	202	63251	2.265	ng	98
78) Pyrene	19.70	202	58147	2.030	ng	95

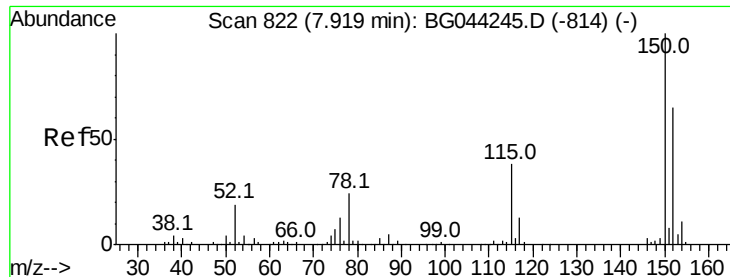
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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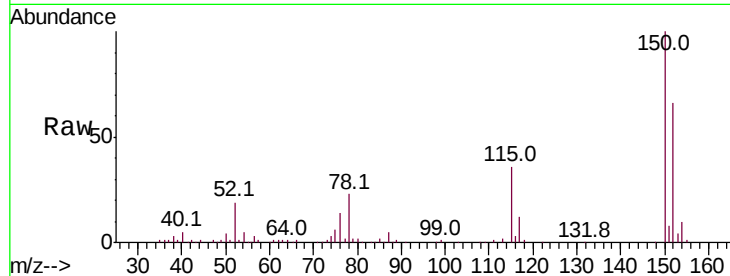


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG044432.D
Acq: 14 Feb 2020 00:33

Instrument :
BNA_G
ClientSampleId :
LAYDOWN-SOFT-AREA

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	122.6	183.8
115	55.2	46.0	69.0

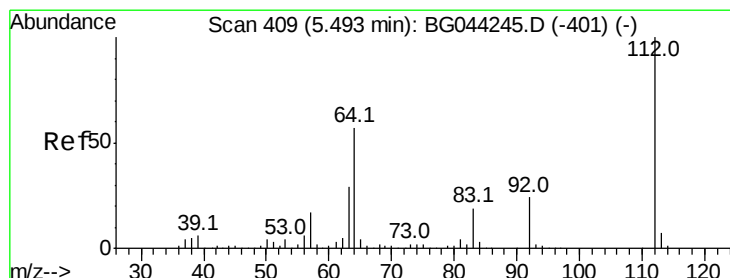
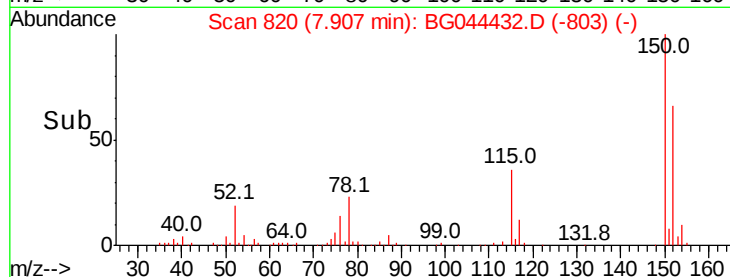
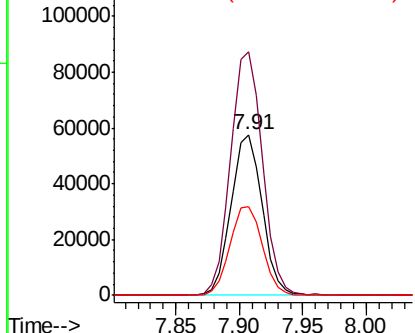


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

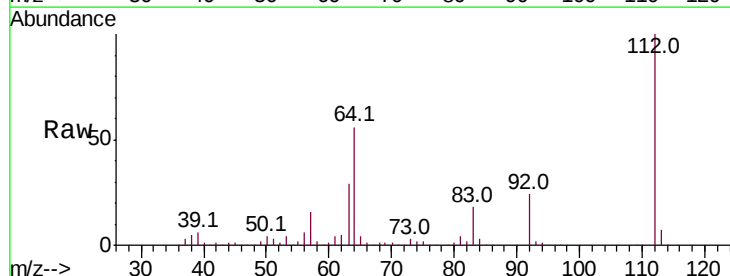
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 58.560 ng
RT: 5.49 min Scan# 408
Delta R.T. 0.01 min
Lab File: BG044432.D
Acq: 14 Feb 2020 00:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.4	68.2
63	29.1	22.9	34.3

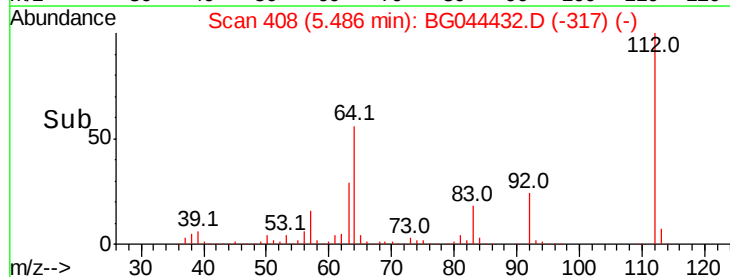
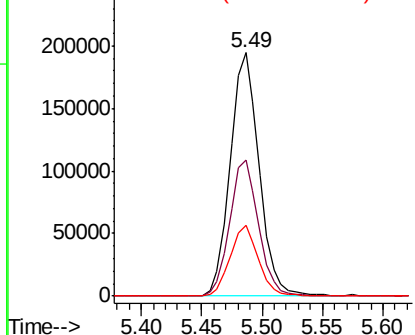


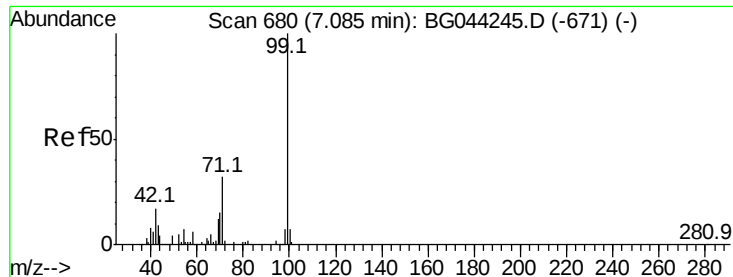
Abundance

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: 59.998 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044432.D

Acq: 14 Feb 2020 00:33

Instrument :

BNA_G

ClientSampleId :

LAYDOWN-SOFT-AREA

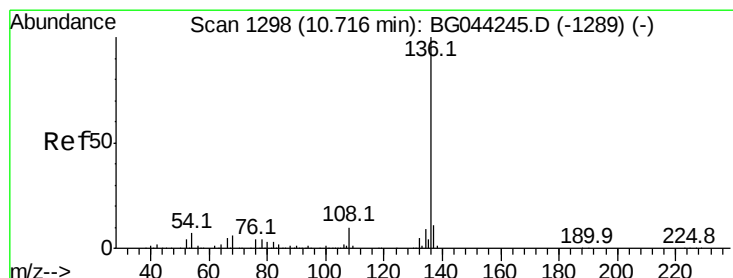
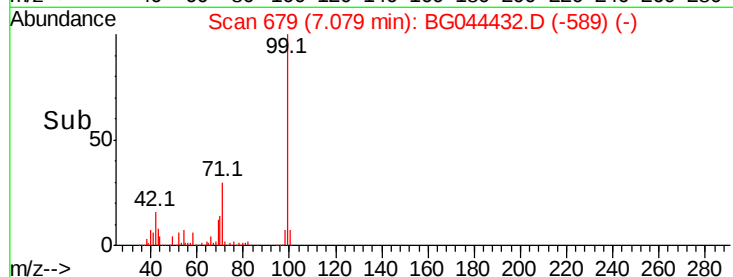
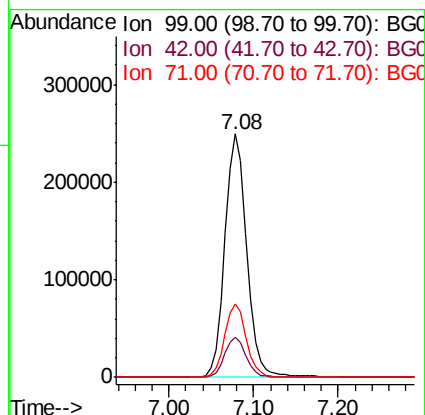
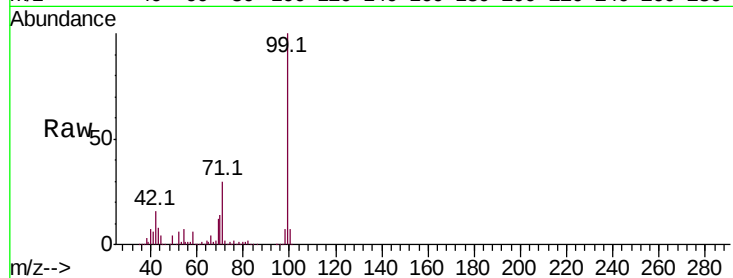
Tot Ion: 99 Resp: 446723

Ion Ratio Lower Upper

99 100

42 16.3 13.8 20.6

71 30.2 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.70 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG044432.D

Acq: 14 Feb 2020 00:33

Tgt Ion: 136 Resp: 417053

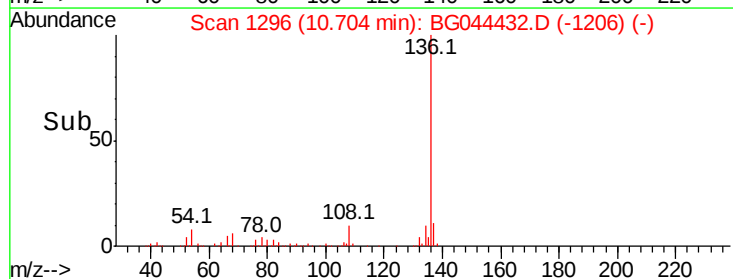
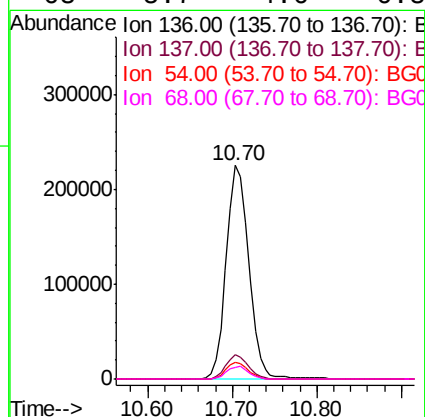
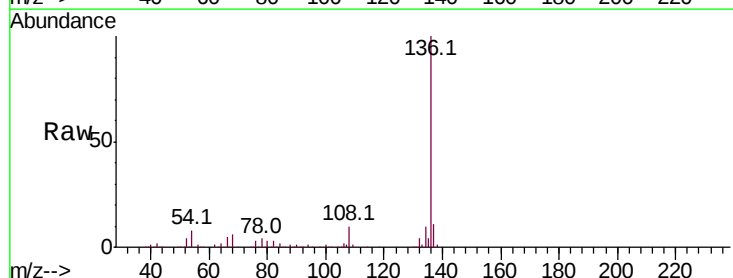
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 7.5 5.8 8.8

68 5.7 4.6 6.8

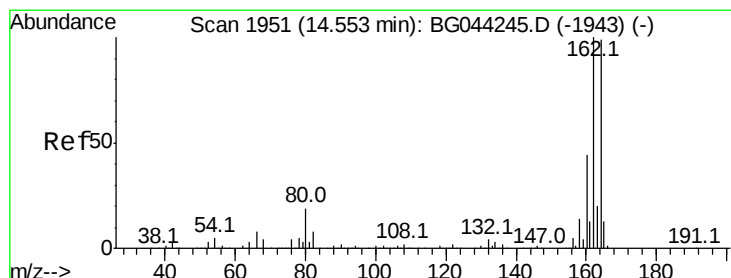
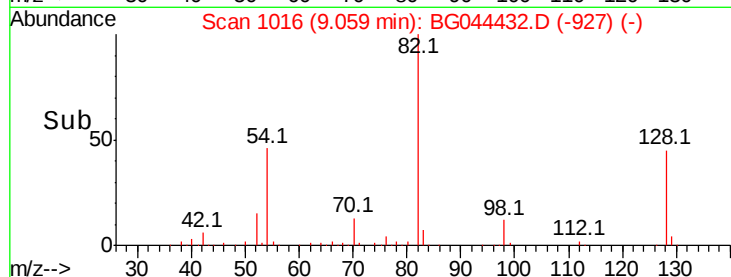
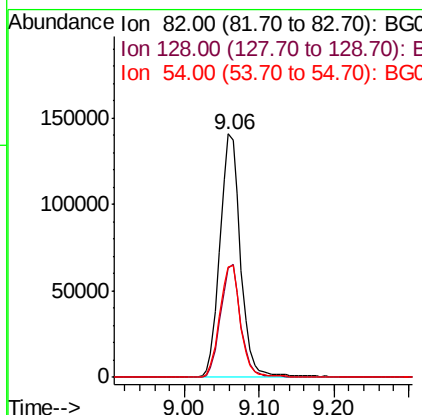
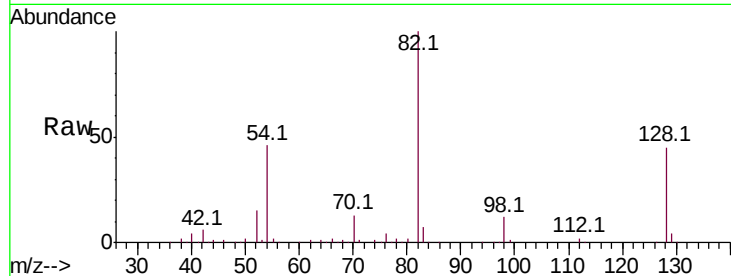




#23
 Nitrobenzene-d5
 Concen: 36.863 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG044432.D
 Acq: 14 Feb 2020 00:33

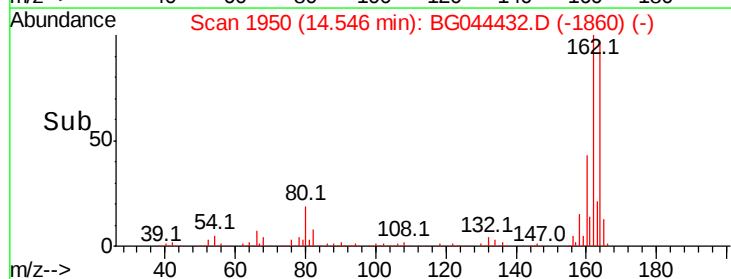
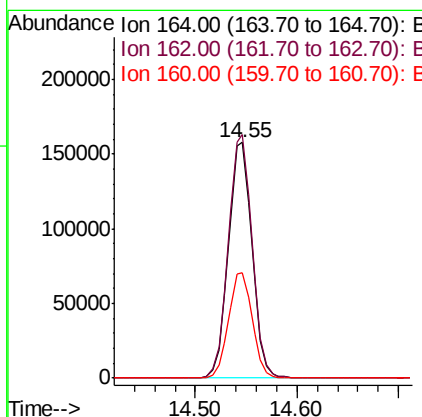
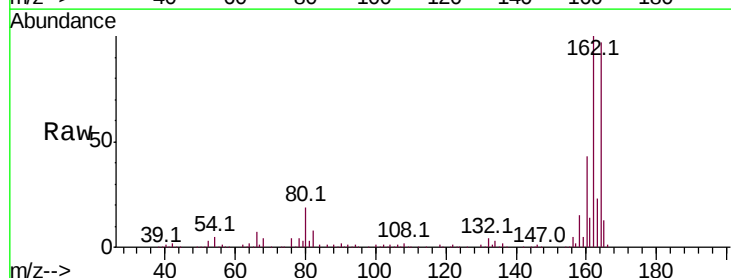
Instrument :
 BNA_G
 ClientSampleId :
 LAYDOWN-SOFT-AREA

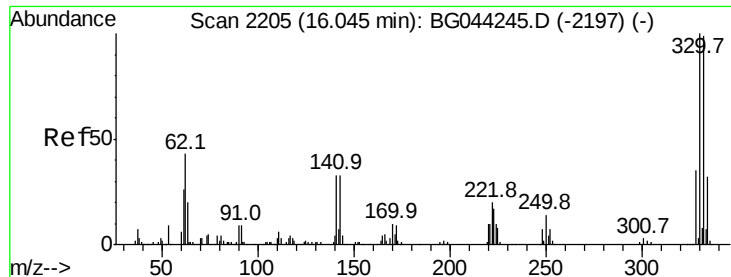
Tot Ion	82	Resp	272315
Ion Ratio	Lower	Upper	
82	100		
128	44.7	36.5	54.7
54	45.5	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: BG044432.D
 Acq: 14 Feb 2020 00:33

Tgt Ion	164	Resp	255577
Ion Ratio	Lower	Upper	
164	100		
162	103.2	80.7	121.1
160	44.6	35.3	52.9

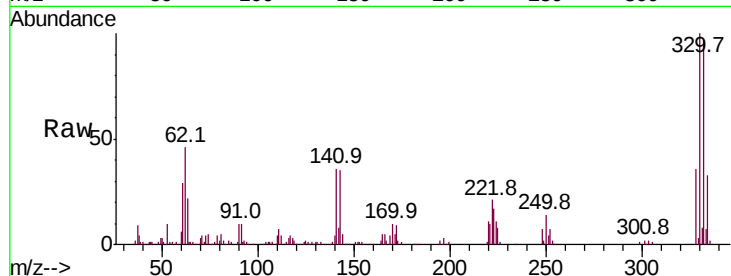




#42
 2,4,6-Tribromophenol
 Concen: 50.013 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BG044432.D
 Acq: 14 Feb 2020 00:33

Instrument :
 BNA_G
 ClientSampleId :
 LAYDOWN-SOFT-AREA

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.2	115.8
141	35.8	28.3	42.5

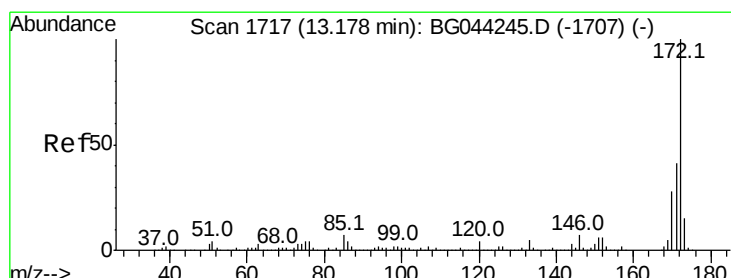
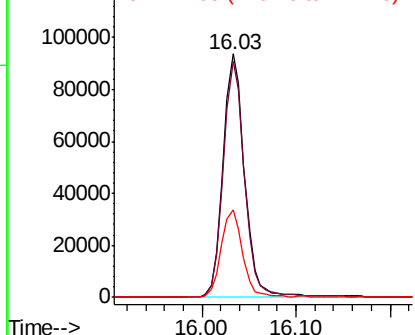
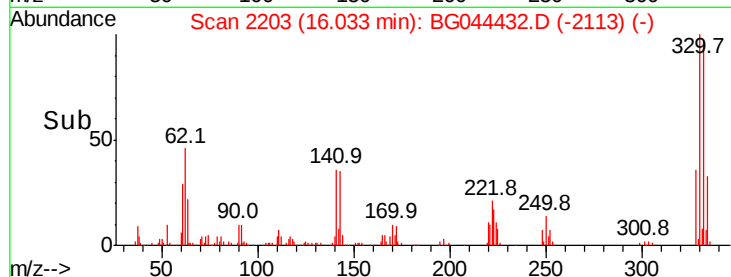


Abundance

Ion 329.80 (329.50 to 330.50): E

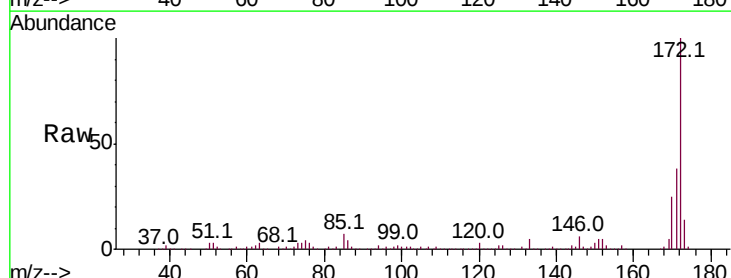
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 38.037 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044432.D
 Acq: 14 Feb 2020 00:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	32.9	49.3
170	25.4	22.0	33.0

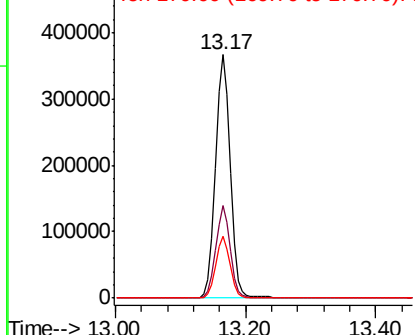
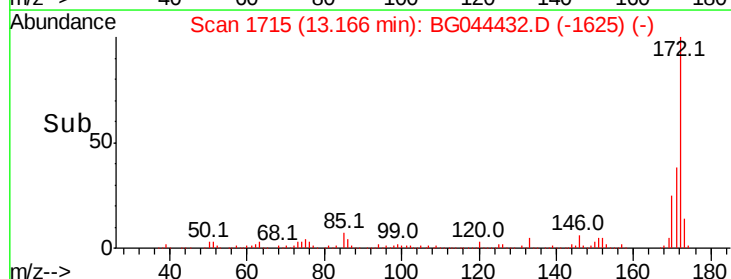


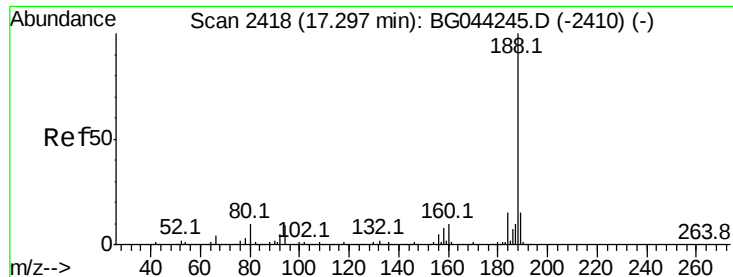
Abundance

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: 17.29 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BG044432.D

Acq: 14 Feb 2020 00:33

Instrument :

BNA_G

ClientSampleId :

LAYDOWN-SOFT-AREA

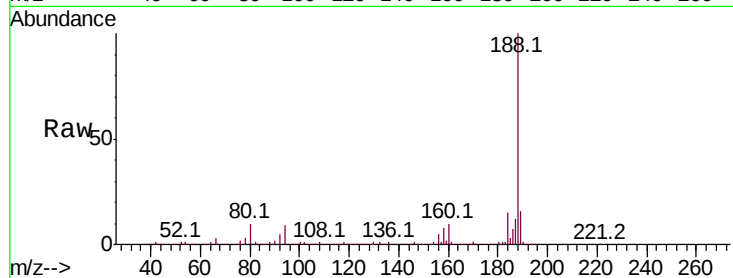
Tot Ion:188 Resp: 498616

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

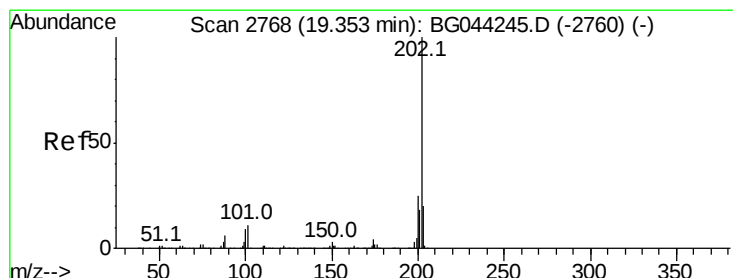
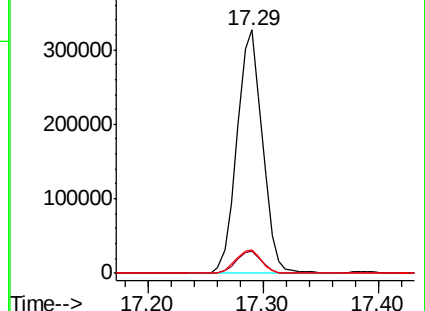
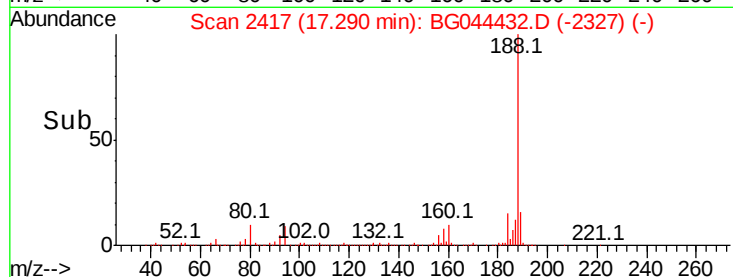
80 9.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Fluoranthene

Concen: 2.265 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044432.D

Acq: 14 Feb 2020 00:33

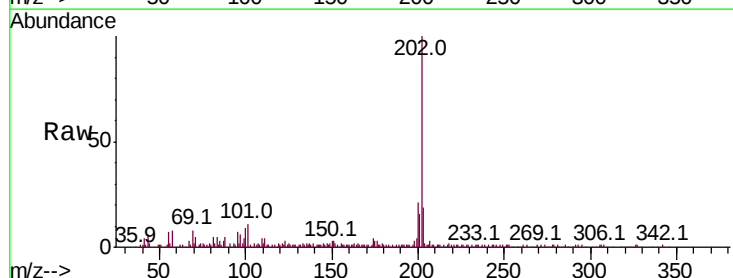
Tgt Ion:202 Resp: 63251

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.3

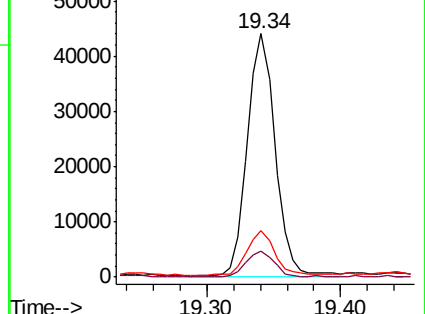
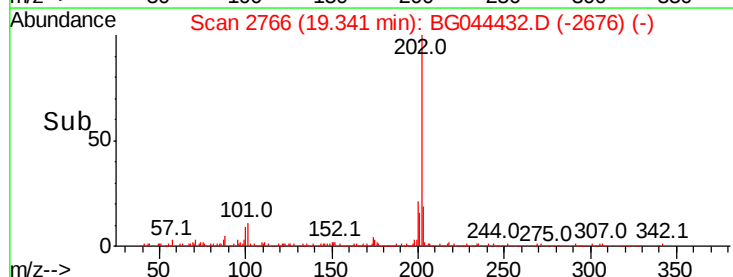
203 19.3 0.0 39.9

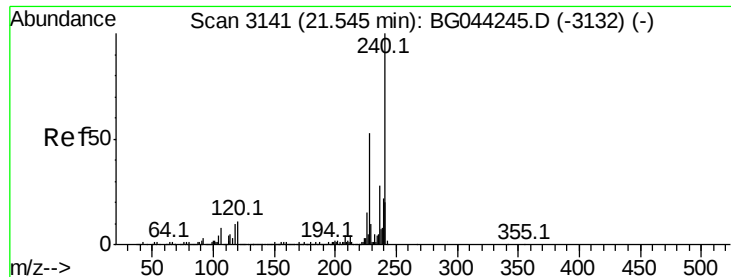


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

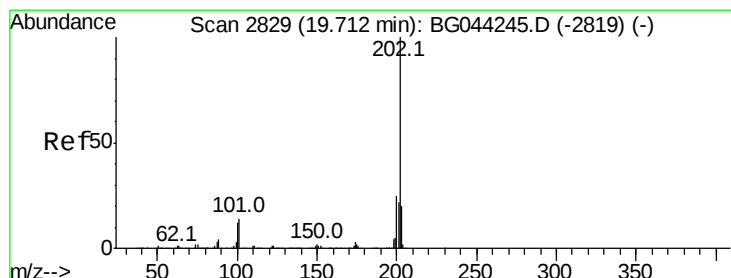
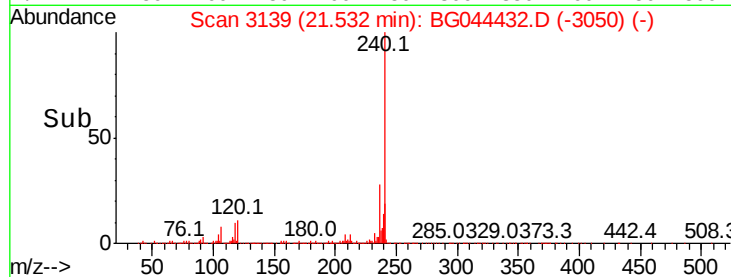
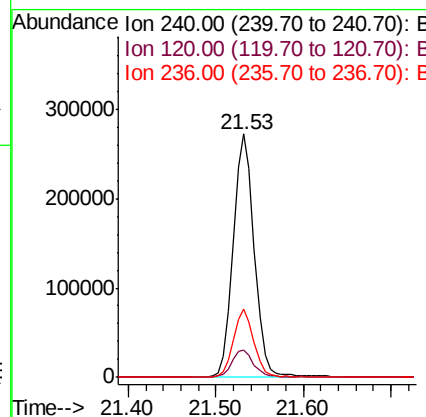
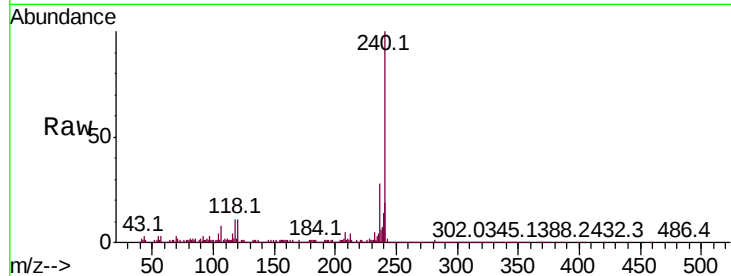




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG044432.D
Acq: 14 Feb 2020 00:33

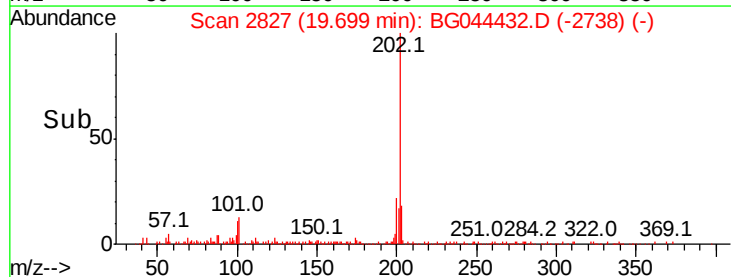
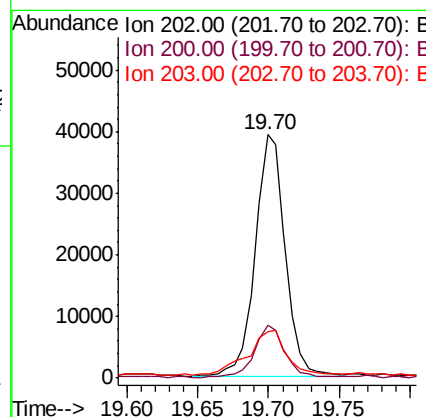
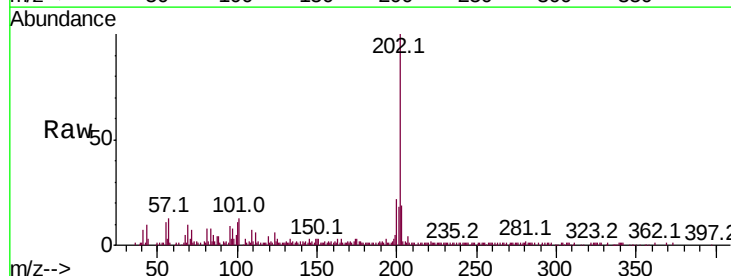
Instrument :
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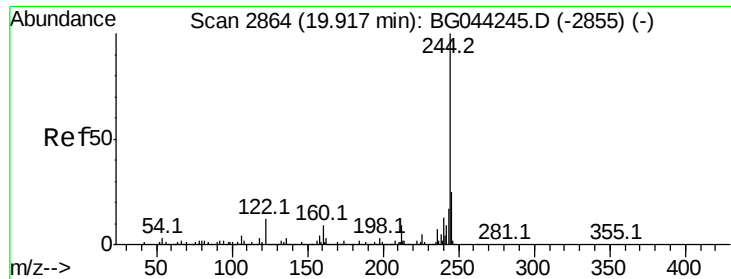
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.4	12.6
236	27.9	22.1	33.1



#78
Pyrene
Concen: 2.030 ng
RT: 19.70 min Scan# 2827
Delta R.T. -0.00 min
Lab File: BG044432.D
Acq: 14 Feb 2020 00:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	20.0	30.0
203	18.9	16.2	24.2





#79

Terphenyl-d14

Concen: 31.017 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044432.D

Acq: 14 Feb 2020 00:33

Instrument :

BNA_G

ClientSampleId :

LAYDOWN-SOFT-AREA

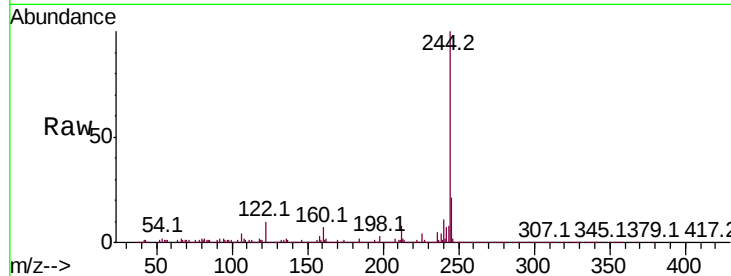
Tot Ion:244 Resp: 672522

Ion Ratio Lower Upper

244 100

212 7.6 7.4 11.2

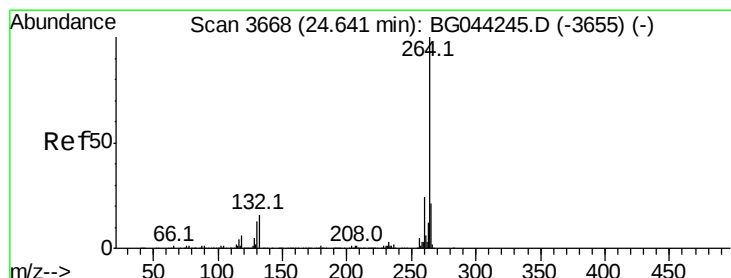
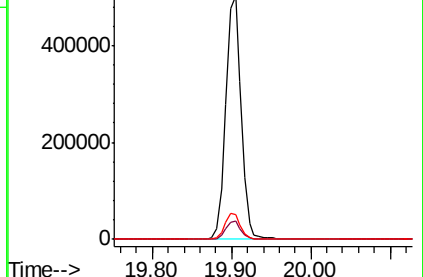
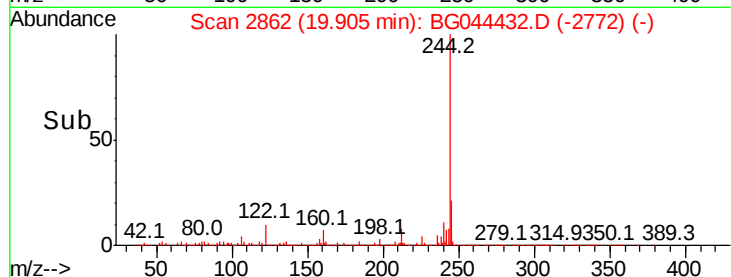
122 10.4 9.8 14.6



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: 24.62 min Scan# 3665

Delta R.T. 0.00 min

Lab File: BG044432.D

Acq: 14 Feb 2020 00:33

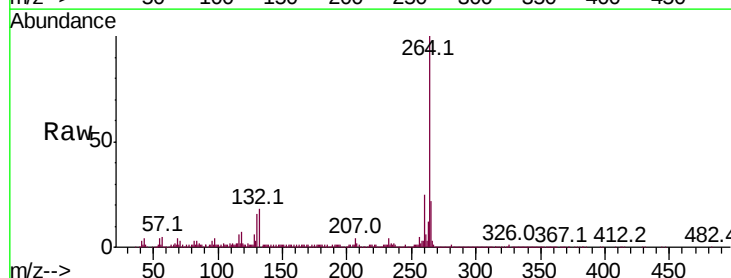
Tgt Ion:264 Resp: 479345

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

265 22.2 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

