

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043924.D
 Acq On : 4 Jan 2020 16:09
 Operator : JU
 Sample : K6315-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NCQ-632

Quant Time: Jan 06 06:17:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

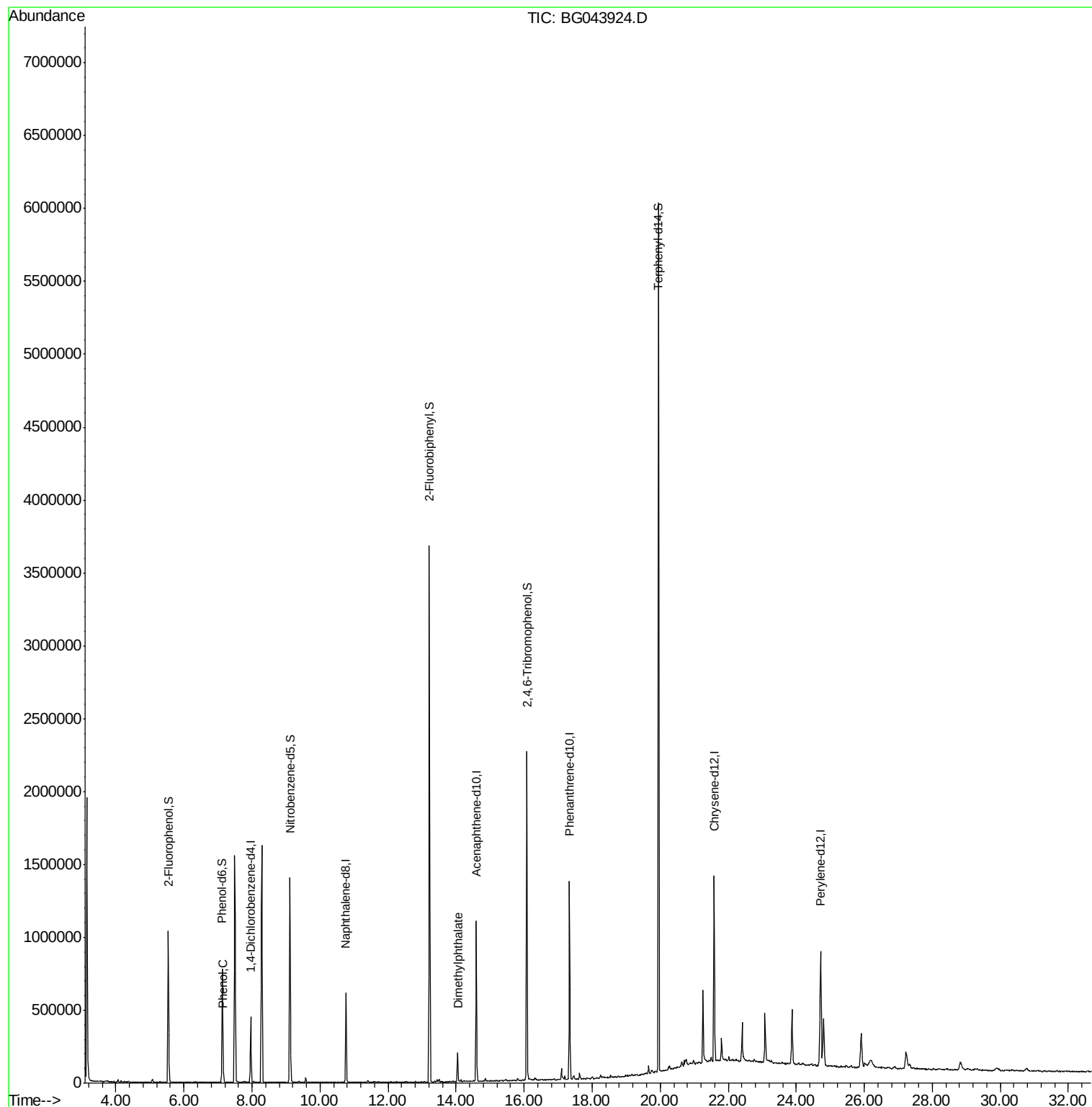
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	128850	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	552340	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	382036	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	827409	20.00	ng	0.00
76) Chrysene-d12	21.59	240	702514	20.00	ng	0.00
87) Perylene-d12	24.72	264	778454	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	487777	69.51	ng	0.00
7) Phenol-d6	7.13	99	484373	49.38	ng	0.00
23) Nitrobenzene-d5	9.12	82	861050	83.40	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	390484	97.67	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1877700	89.05	ng	0.00
79) Terphenyl-d14	19.95	244	2485544	85.42	ng	0.00
Target Compounds						
10) Phenol	7.15	94	41259	4.082	ng	99
50) Dimethylphthalate	14.05	163	140284	5.172	ng	98

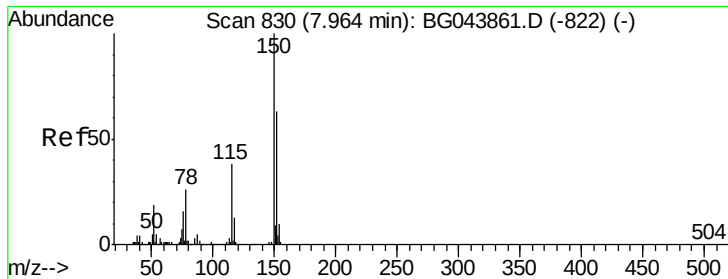
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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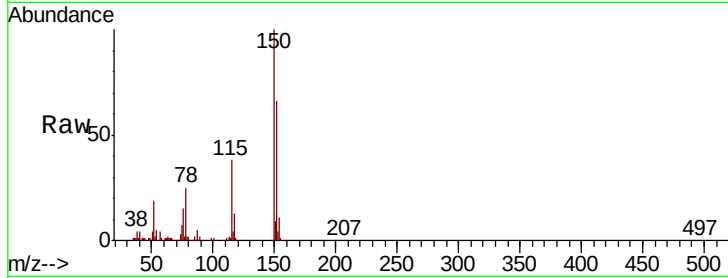


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043924.D
Acq: 4 Jan 2020 16:09

Instrument :
BNA_G
ClientSampleId :
NCQ-632

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	127.0	190.4
115	58.4	47.8	71.8

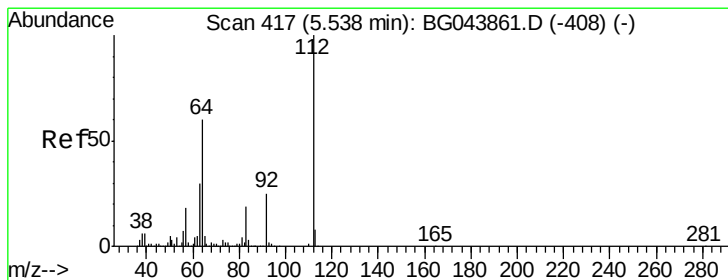
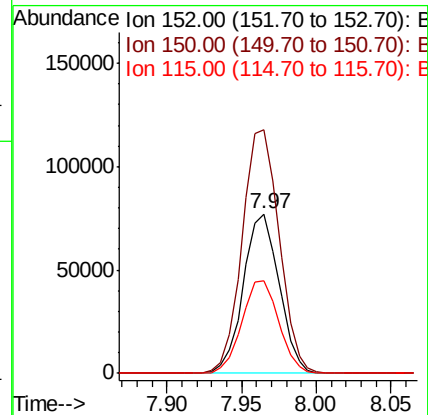
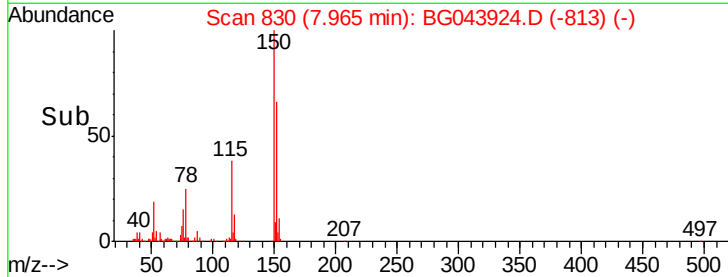


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

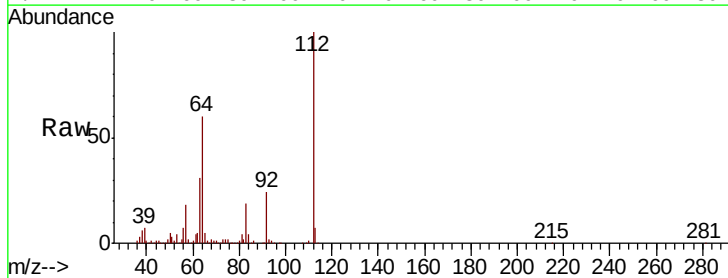
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 69.509 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043924.D
Acq: 4 Jan 2020 16:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.8	71.6
63	31.4	24.3	36.5

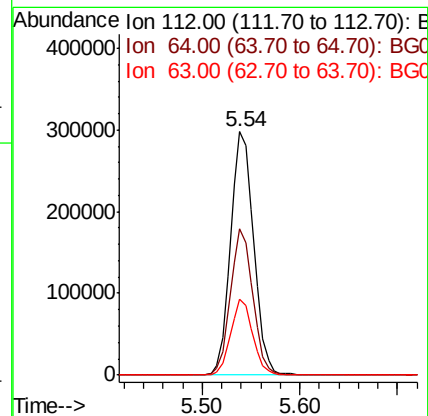
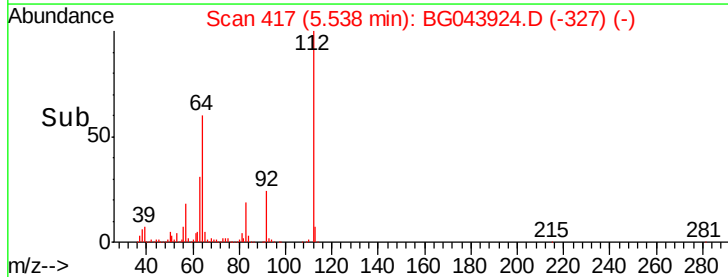


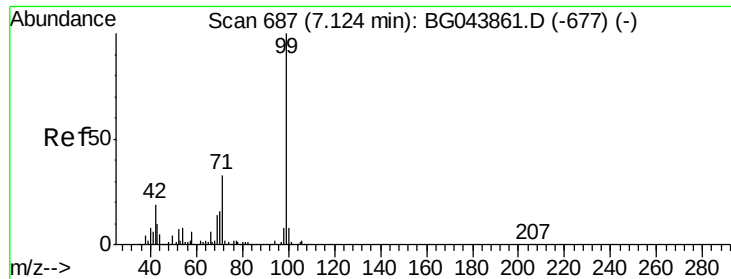
Abundance

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: 49.379 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043924.D

Acq: 4 Jan 2020 16:09

Instrument :

BNA_G

ClientSampleId :

NCQ-632

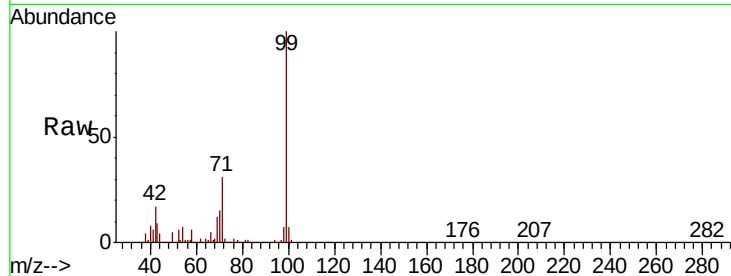
Tot Ion: 99 Resp: 484373

Ion Ratio Lower Upper

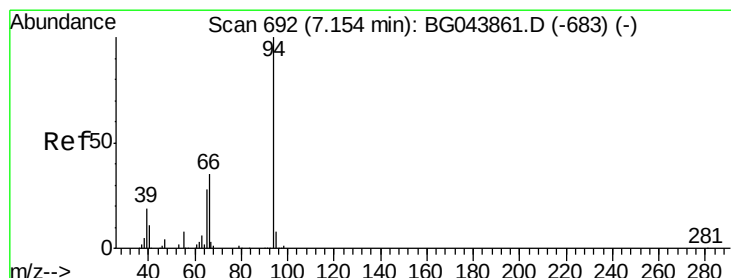
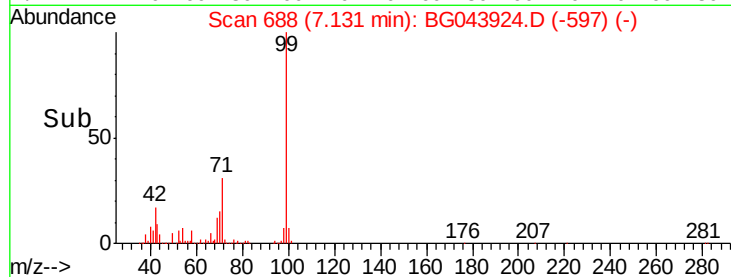
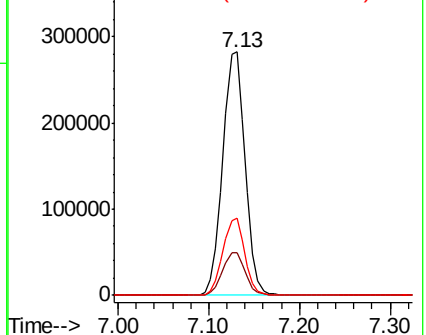
99 100

42 17.5 14.9 22.3

71 31.5 26.4 39.6



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



#10

Phenol

Concen: 4.082 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG043924.D

Acq: 4 Jan 2020 16:09

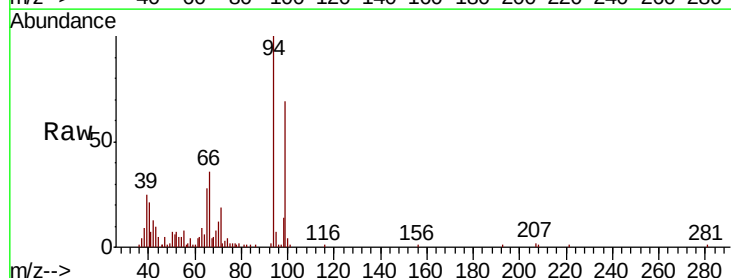
Tgt Ion: 94 Resp: 41259

Ion Ratio Lower Upper

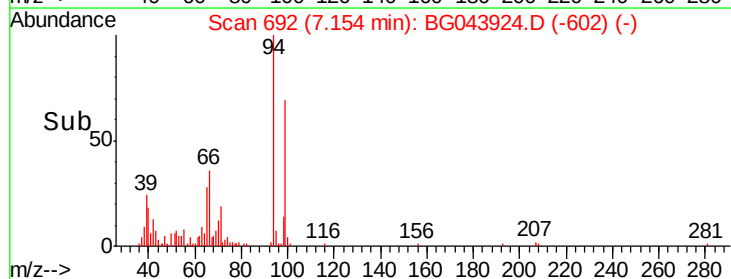
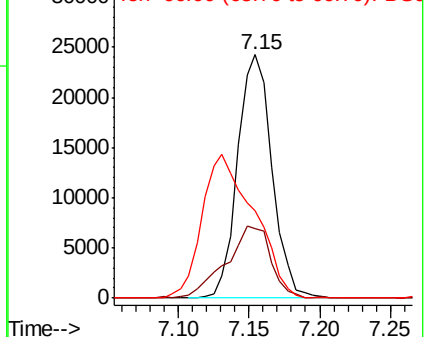
94 100

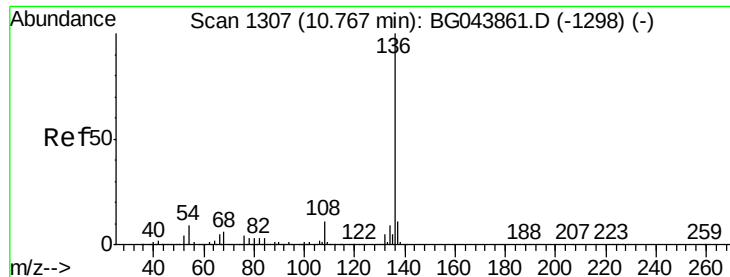
65 28.5 8.1 48.1

66 36.0 15.6 55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

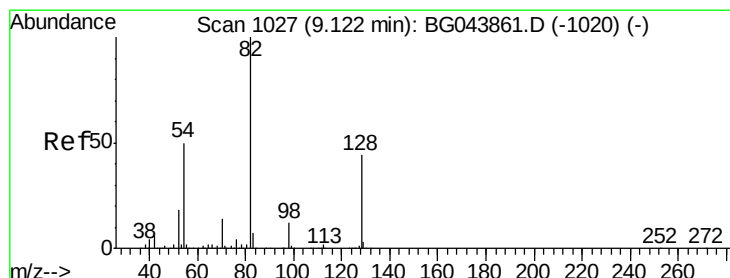
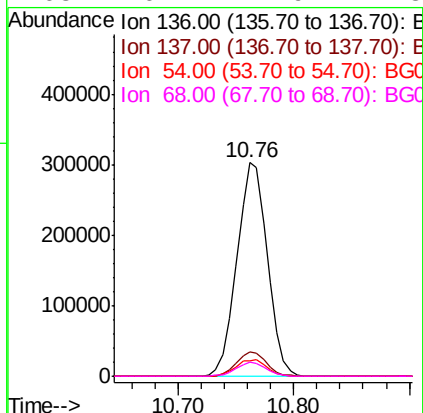
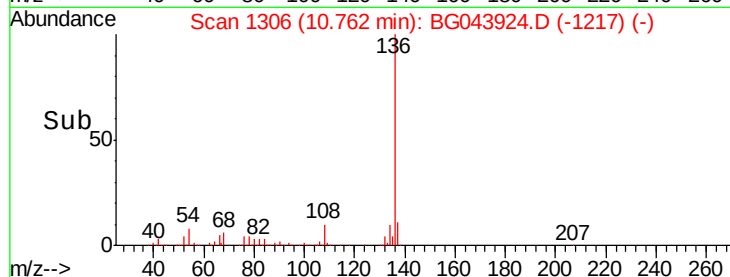
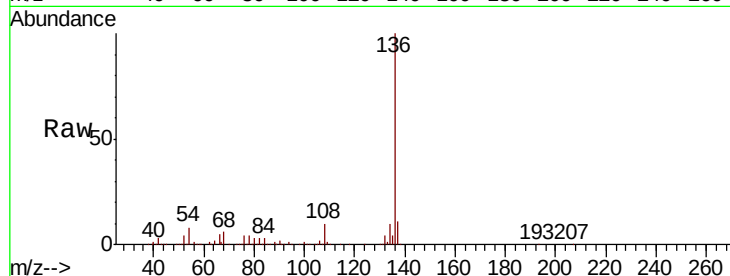




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG043924.D
Acq: 4 Jan 2020 16:09

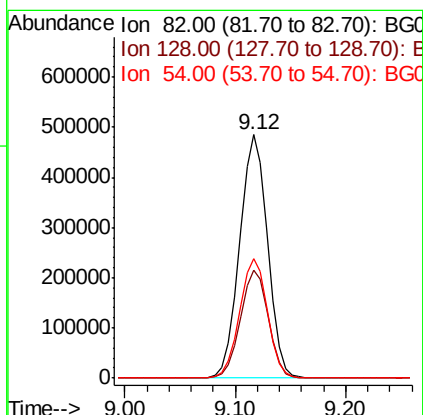
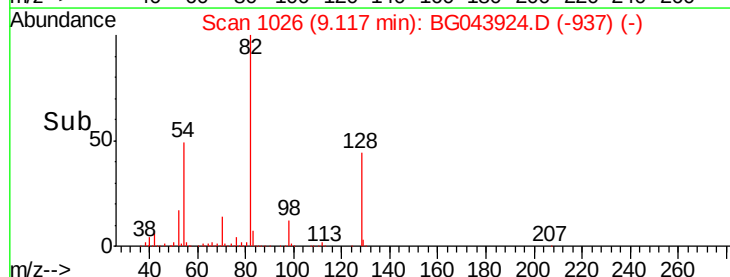
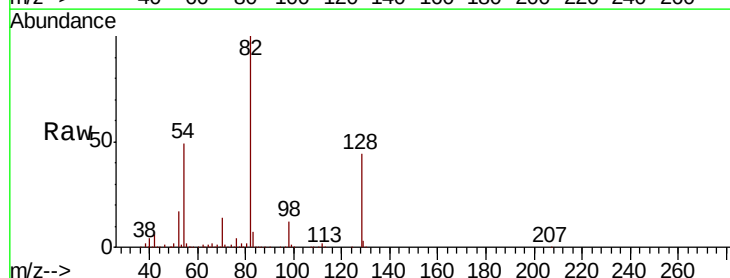
Instrument :
BNA_G
ClientSampleId :
NCQ-632

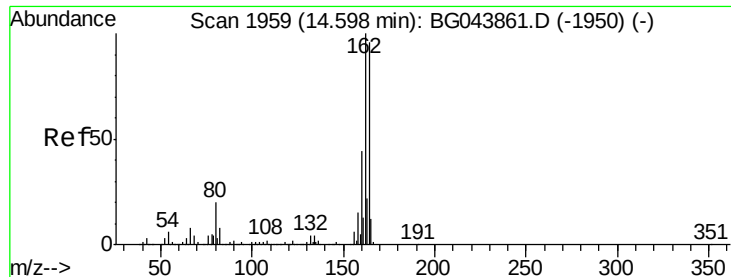
Tot Ion:136	Resp:	552340
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.8	13.2
54 7.5	7.0	10.4
68 6.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 83.395 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG043924.D
Acq: 4 Jan 2020 16:09

Tgt Ion: 82	Resp: 861050
Ion Ratio	Lower Upper
82 100	
128 44.4	35.1 52.7
54 49.3	40.1 60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG043924.D

Acq: 4 Jan 2020 16:09

Instrument :

BNA_G

ClientSampleId :

NCQ-632

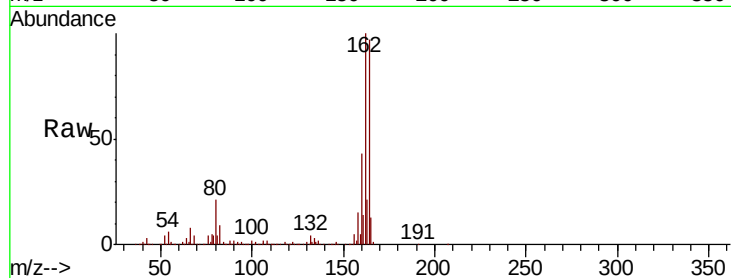
Tot Ion:164 Resp: 382036

Ion Ratio Lower Upper

164 100

162 102.7 83.0 124.4

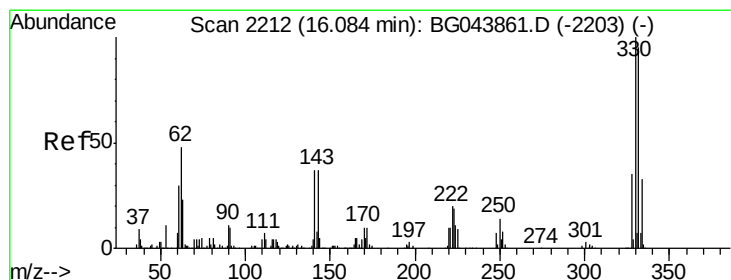
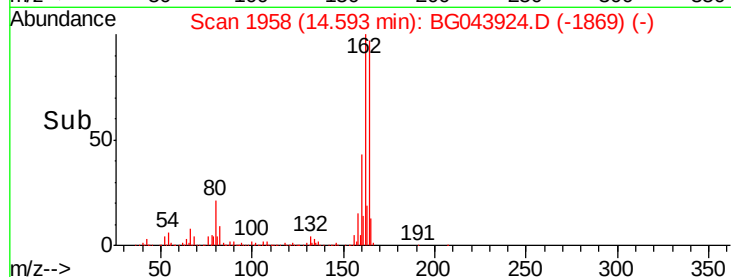
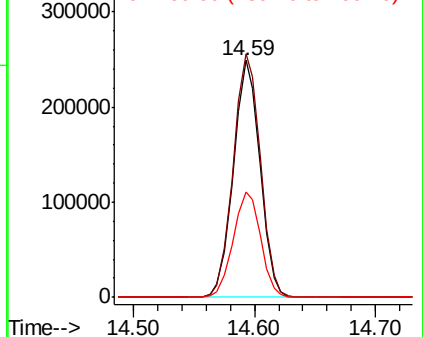
160 44.5 36.1 54.1



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: 97.672 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG043924.D

Acq: 4 Jan 2020 16:09

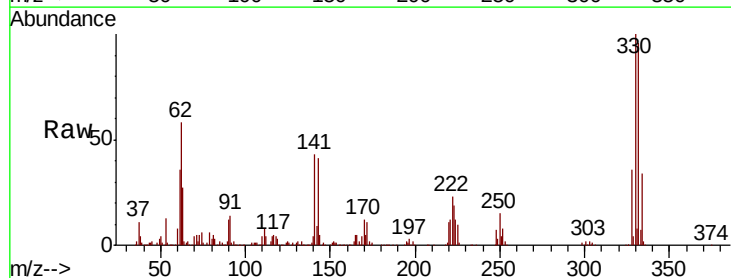
Tgt Ion:330 Resp: 390484

Ion Ratio Lower Upper

330 100

332 97.2 77.2 115.8

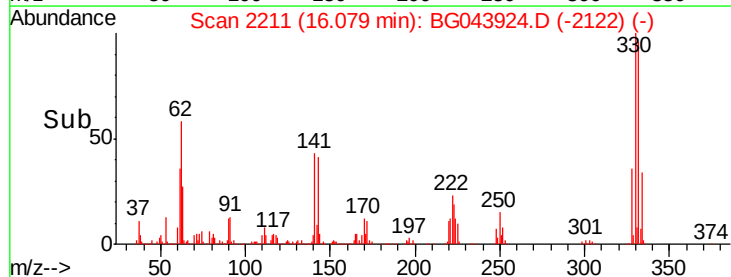
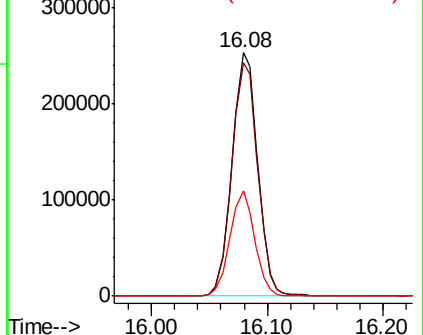
141 42.2 33.1 49.7

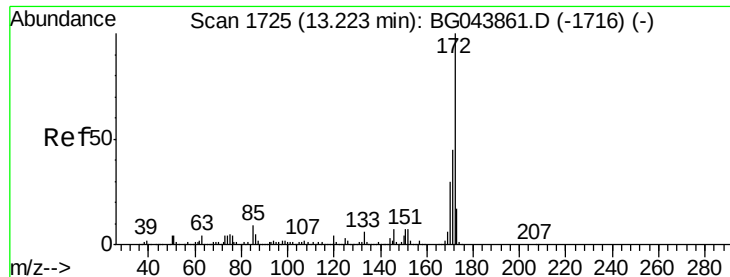


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

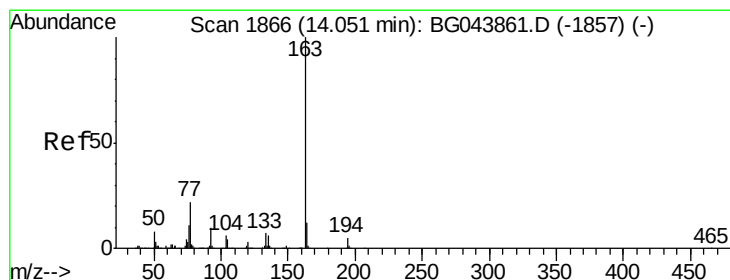
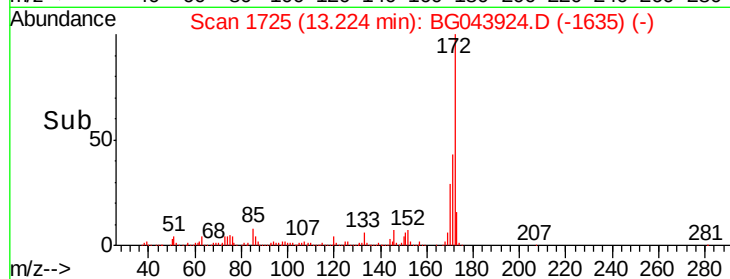
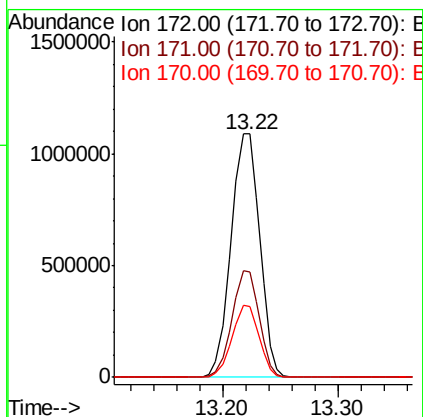
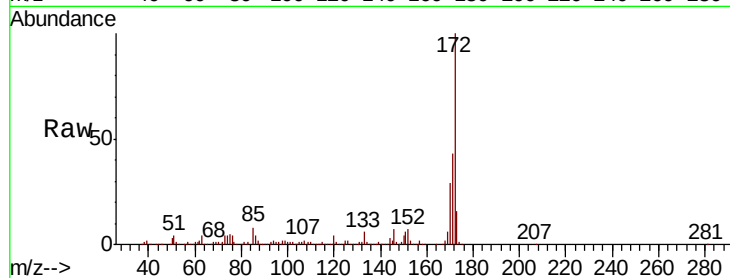




#45
2-Fluorobiphenyl
Concen: 89.048 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG043924.D
Acq: 4 Jan 2020 16:09

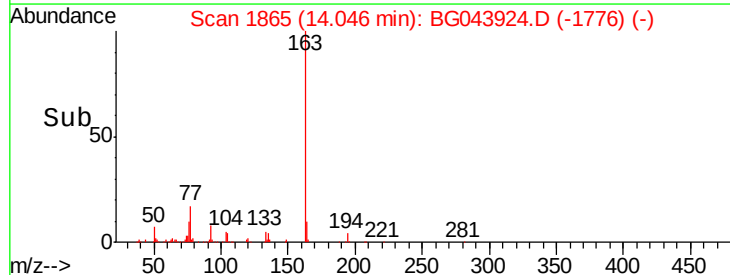
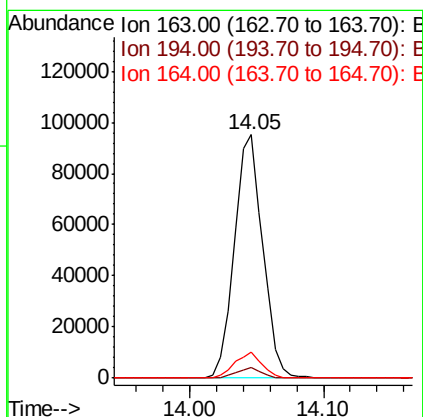
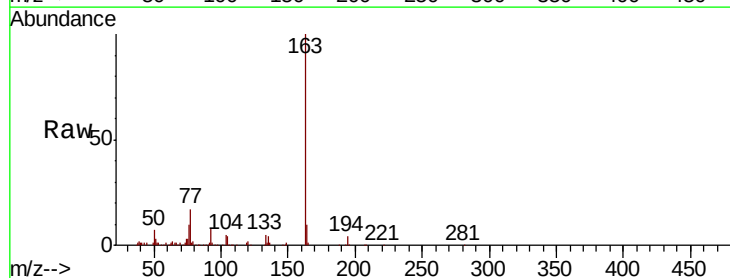
Instrument :
BNA_G
ClientSampleId :
NCQ-632

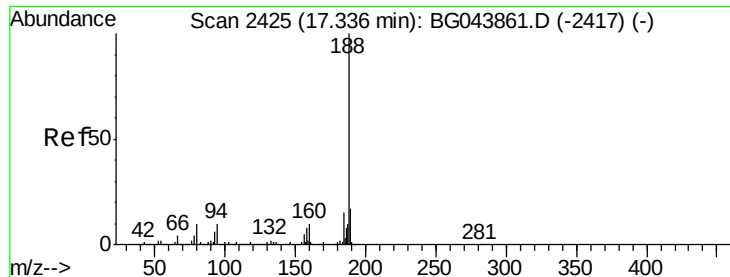
Tot Ion:172 Resp: 1877700
Ion Ratio Lower Upper
172 100
171 43.3 35.8 53.8
170 29.3 24.2 36.4



#50
Dimethylphthalate
Concen: 5.172 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG043924.D
Acq: 4 Jan 2020 16:09

Tgt Ion:163 Resp: 140284
Ion Ratio Lower Upper
163 100
194 4.4 3.7 5.5
164 10.4 9.3 13.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG043924.D

Acq: 4 Jan 2020 16:09

Instrument :

BNA_G

ClientSampleId :

NCQ-632

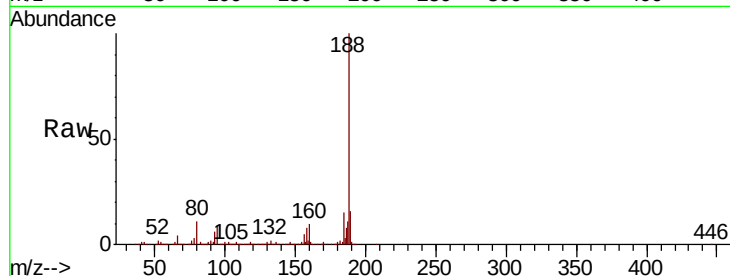
Tot Ion:188 Resp: 827409

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

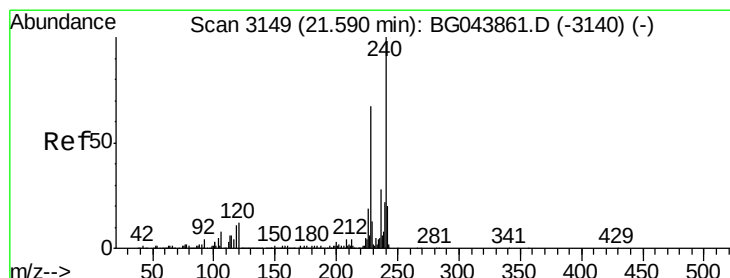
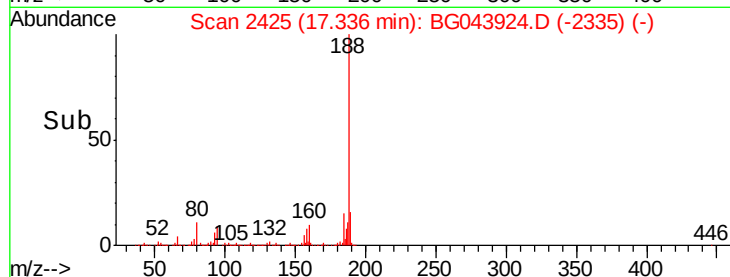
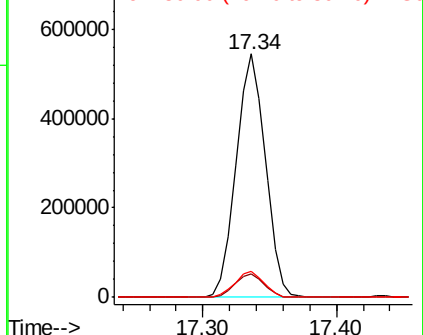
80 10.8 8.2 12.4



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

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG043924.D

Acq: 4 Jan 2020 16:09

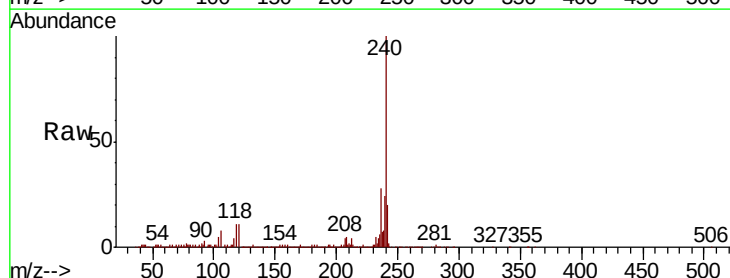
Tgt Ion:240 Resp: 702514

Ion Ratio Lower Upper

240 100

120 11.0 9.6 14.4

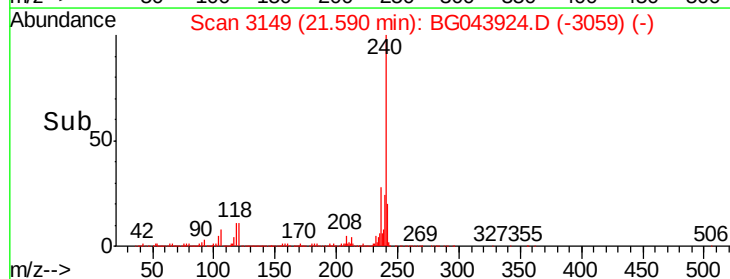
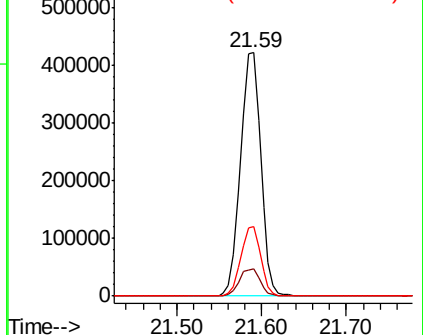
236 28.5 22.2 33.2

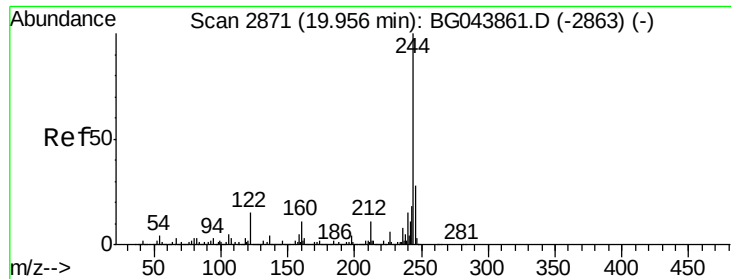


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.415 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043924.D

Acq: 4 Jan 2020 16:09

Instrument :

BNA_G

ClientSampleId :

NCQ-632

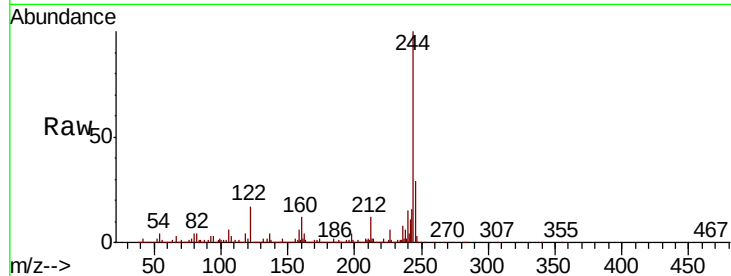
Tot Ion:244 Resp: 2485544

Ion Ratio Lower Upper

244 100

212 11.6 8.6 13.0

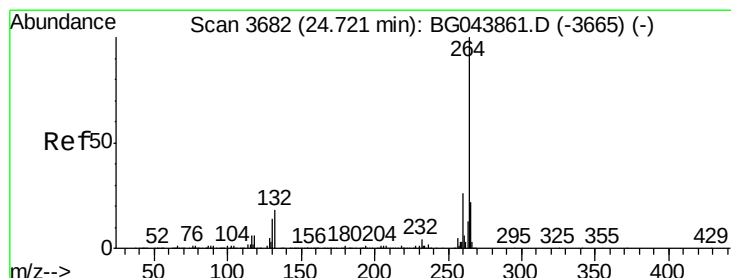
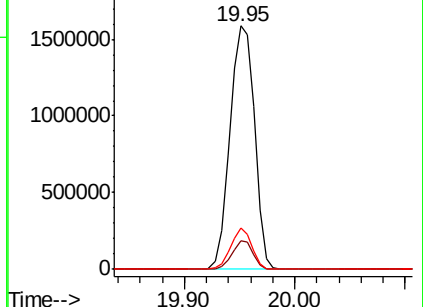
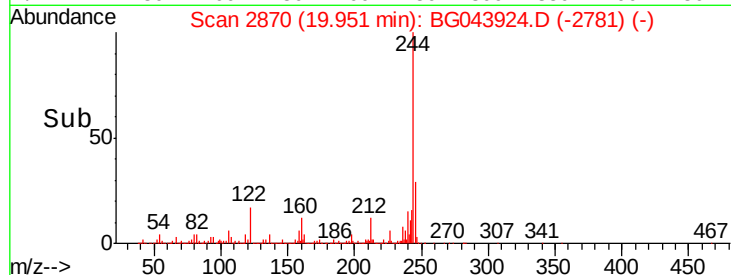
122 16.9 11.9 17.9



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: 24.72 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG043924.D

Acq: 4 Jan 2020 16:09

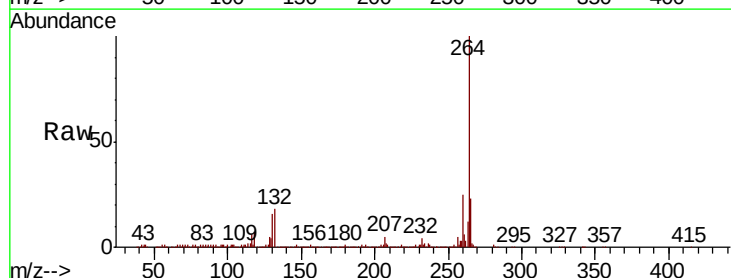
Tgt Ion:264 Resp: 778454

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 22.6 17.4 26.2



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

