

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044104.D
 Acq On : 20 Jan 2020 19:01
 Operator : JU
 Sample : L1184-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AOC-9-NORTH-(SETTLED)

Quant Time: Jan 21 06:39:09 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

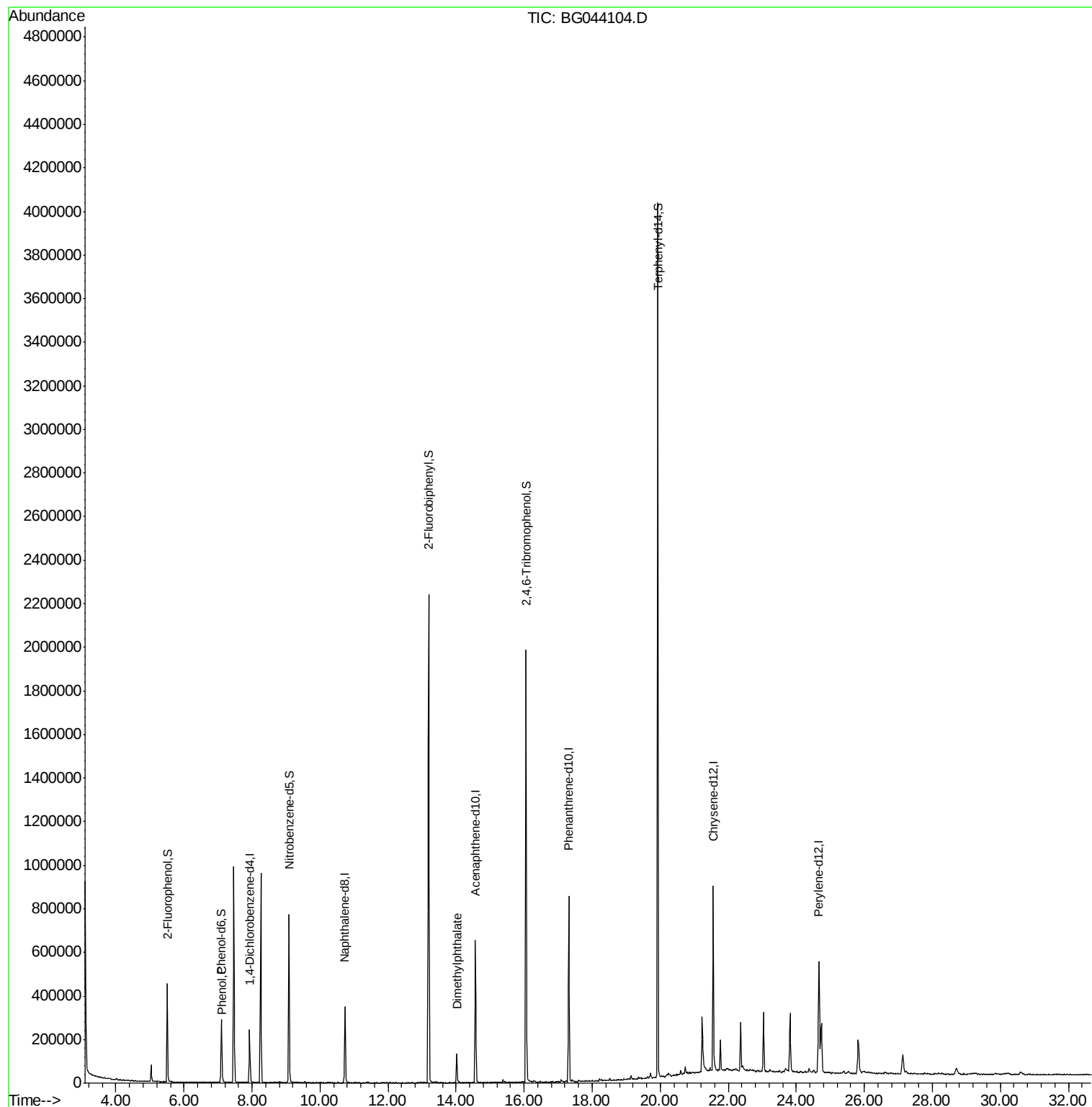
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	73682	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	331011	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	239566	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	533096	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	459559	20.00	ng	-0.03
87) Perylene-d12	24.67	264	510074	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	221451	55.18	ng	-0.03
7) Phenol-d6	7.10	99	191173	34.08	ng	-0.02
23) Nitrobenzene-d5	9.09	82	498953	80.64	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	377938	150.75	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1221149	92.35	ng	-0.03
79) Terphenyl-d14	19.93	244	1806730	98.81	ng	-0.03
Target Compounds						
10) Phenol	7.12	94	14324	2.478	ng	95
50) Dimethylphthalate	14.02	163	105742	6.216	ng	# 94

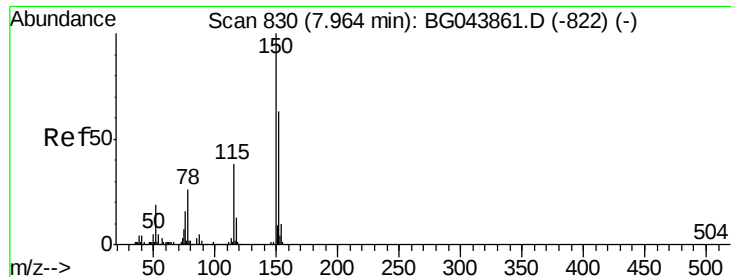
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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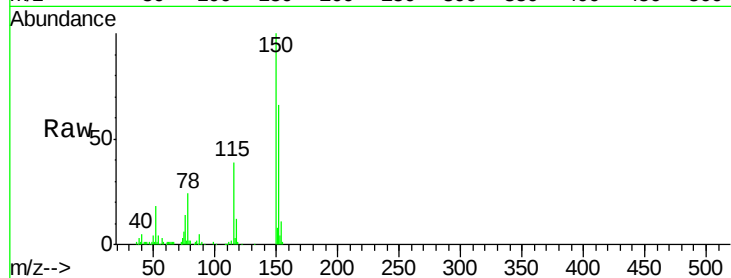


#1

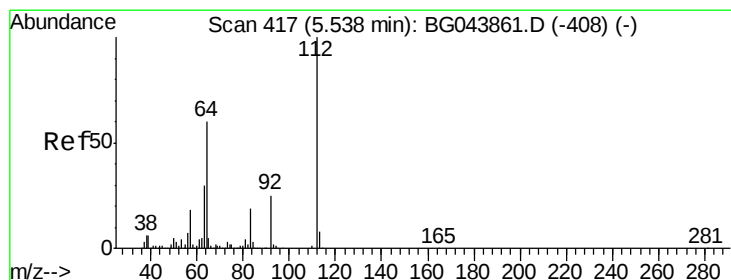
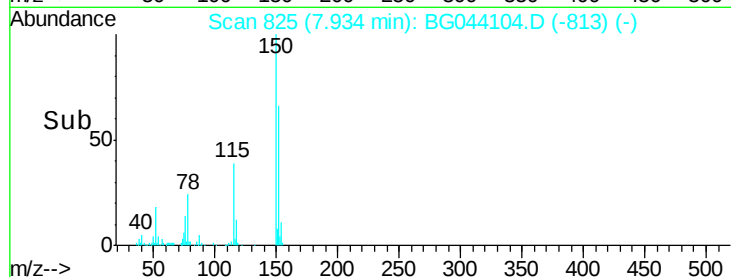
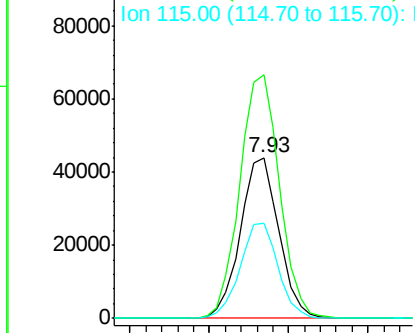
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.03 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Instrument :
BNA_G
ClientSampleId :
AOC-9-NORTH-(SETTLED)

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	127.0	190.4
115	59.6	47.8	71.8



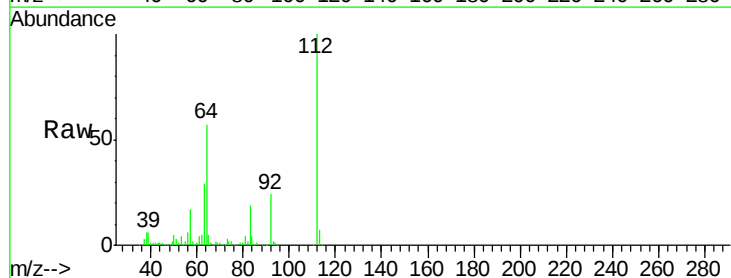
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



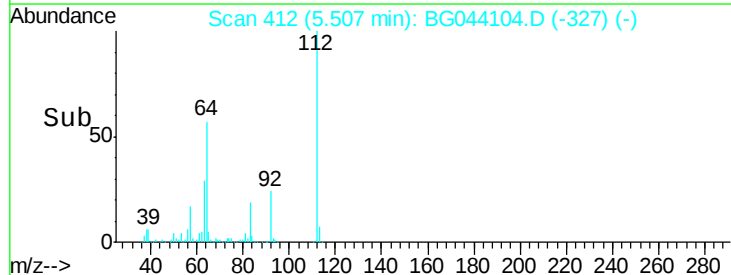
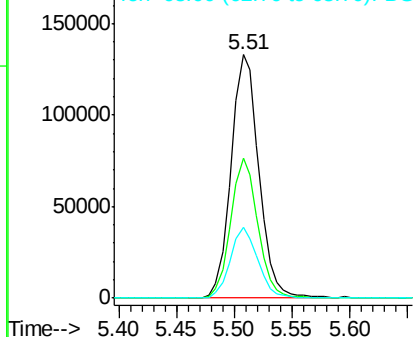
#5

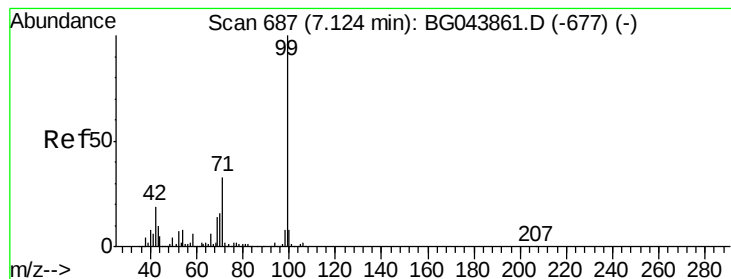
2-Fluorophenol
Concen: 55.185 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.8	71.6
63	29.0	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: 34.081 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044104.D

Acq: 20 Jan 2020 19:01

Instrument :

BNA_G

ClientSampleId :

AOC-9-NORTH-(SETTLED)

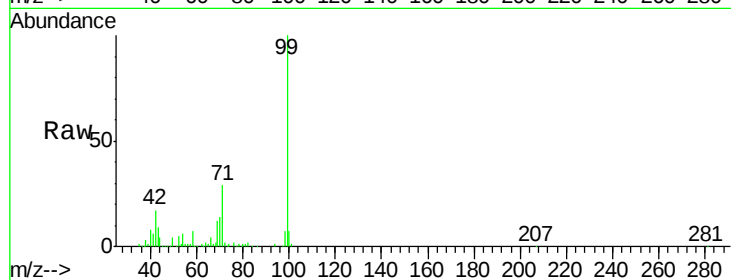
Tot Ion: 99 Resp: 191173

Ion Ratio Lower Upper

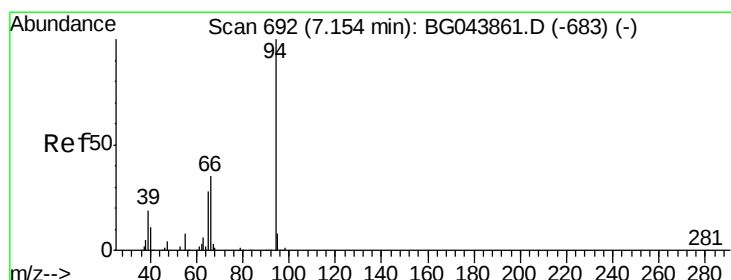
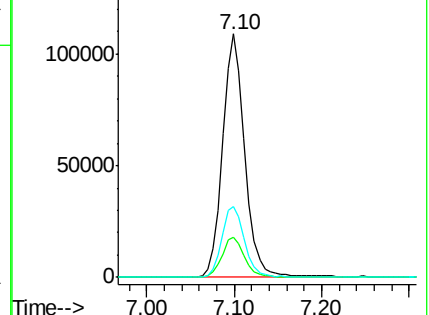
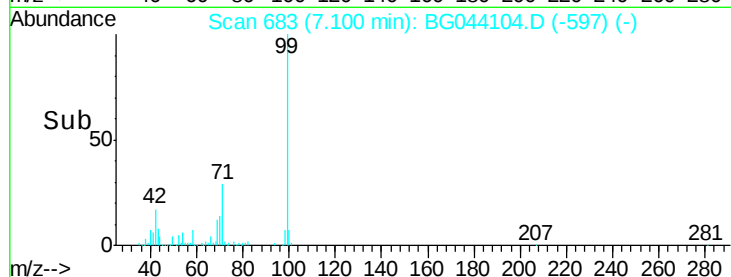
99 100

42 16.7 14.9 22.3

71 29.2 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: 2.478 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044104.D

Acq: 20 Jan 2020 19:01

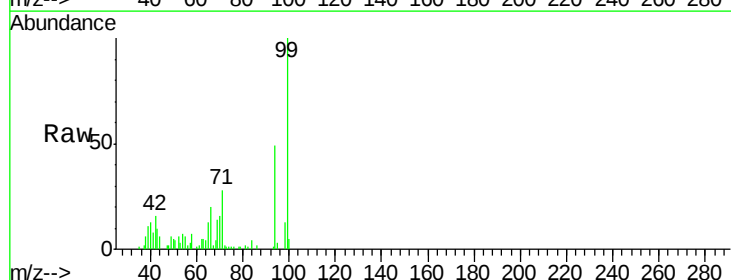
Tgt Ion: 94 Resp: 14324

Ion Ratio Lower Upper

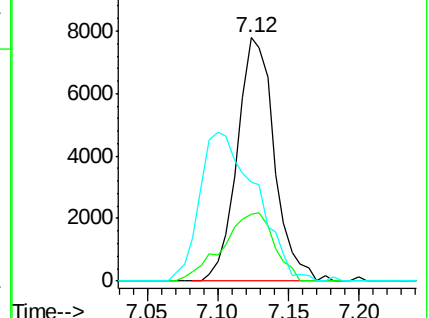
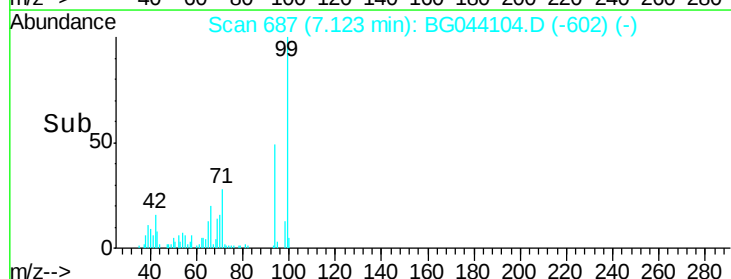
94 100

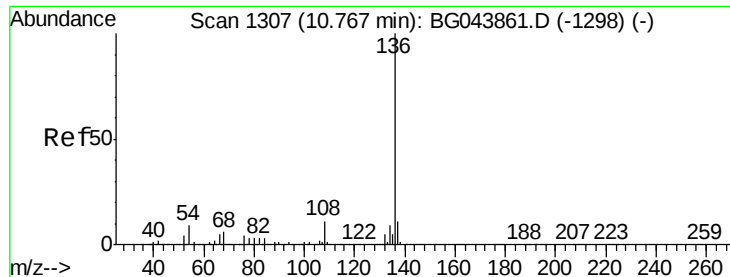
65 27.6 8.1 48.1

66 40.9 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

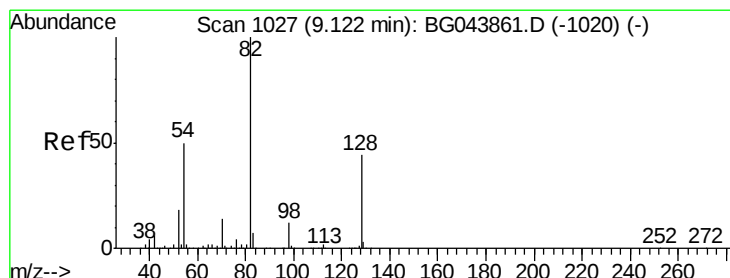
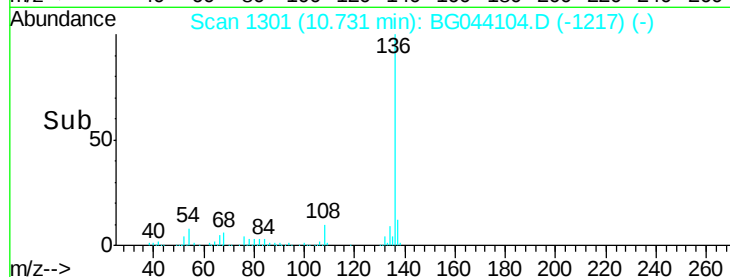
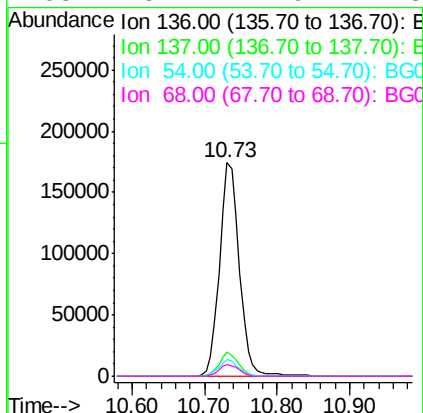
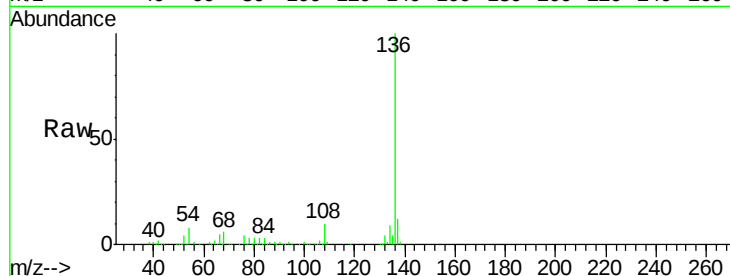




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

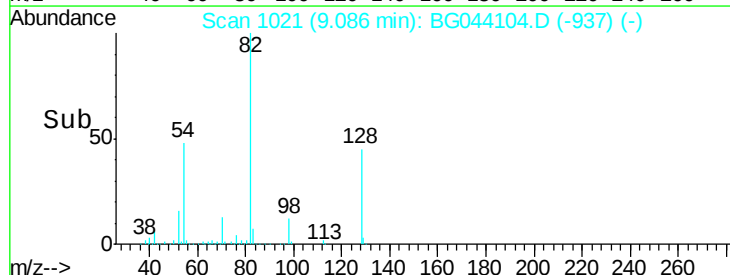
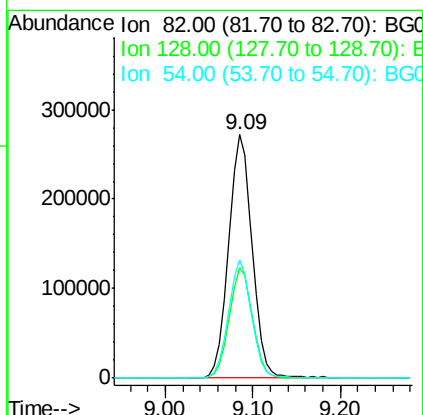
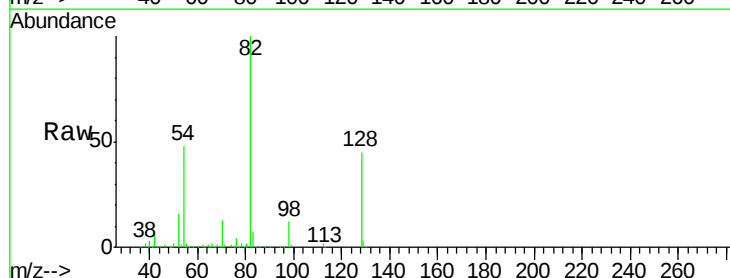
Instrument :
BNA_G
ClientSampleId :
AOC-9-NORTH-(SETTLED)

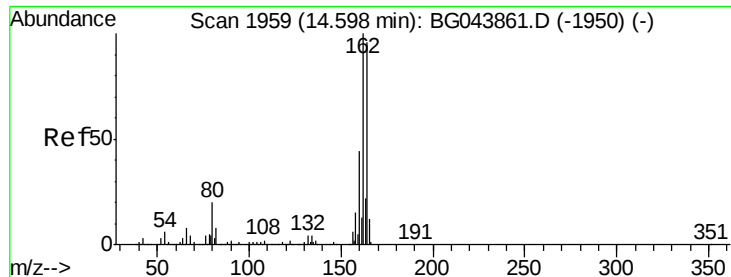
Tot Ion:136	Resp:	331011
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.8	13.2
54 7.6	7.0	10.4
68 5.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 80.638 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Tgt	Ion: 82	Resp:	498953
Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.1	52.7
54	48.3	40.1	60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044104.D

Acq: 20 Jan 2020 19:01

Instrument :

BNA_G

ClientSampleId :

AOC-9-NORTH-(SETTLED)

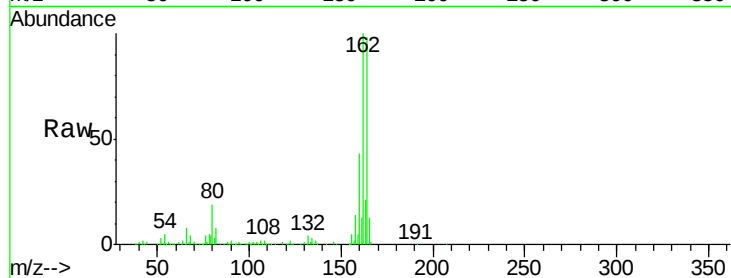
Tot Ion:164 Resp: 239566

Ion Ratio Lower Upper

164 100

162 102.5 83.0 124.4

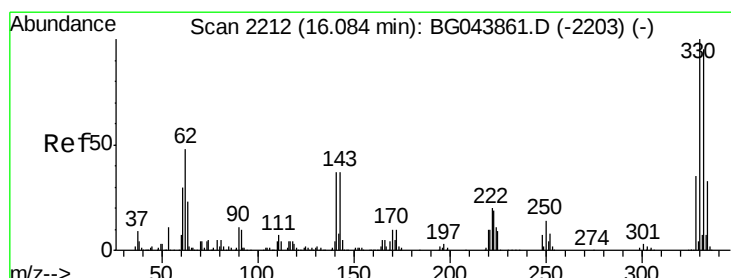
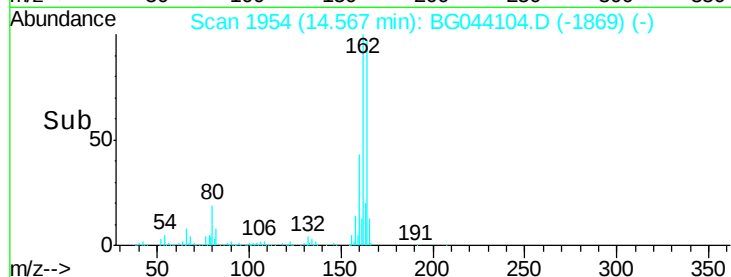
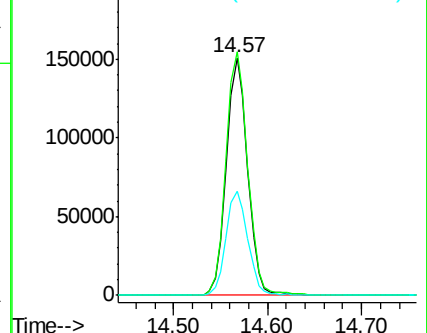
160 43.9 36.1 54.1



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: 150.753 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044104.D

Acq: 20 Jan 2020 19:01

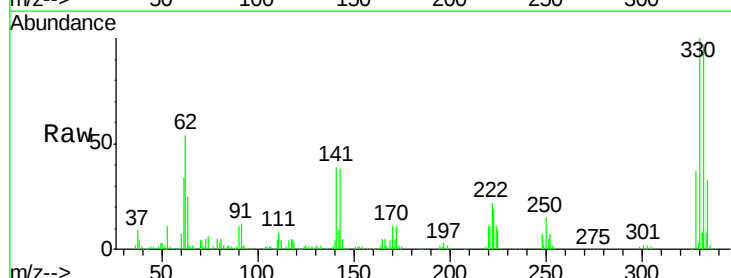
Tgt Ion:330 Resp: 377938

Ion Ratio Lower Upper

330 100

332 97.1 77.2 115.8

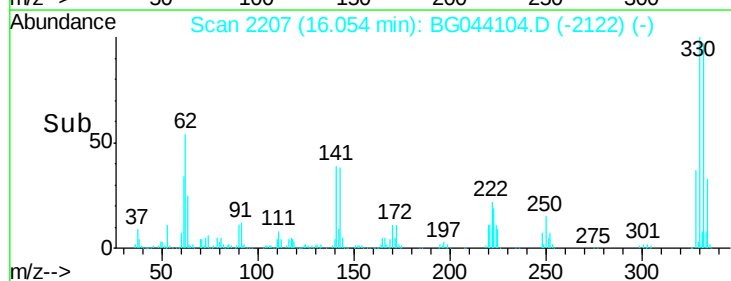
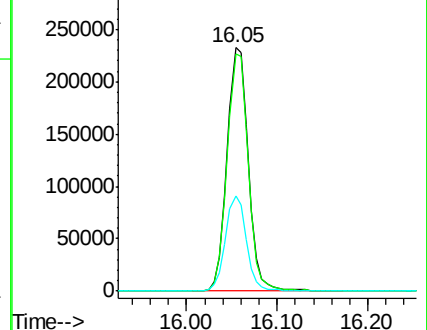
141 38.7 33.1 49.7

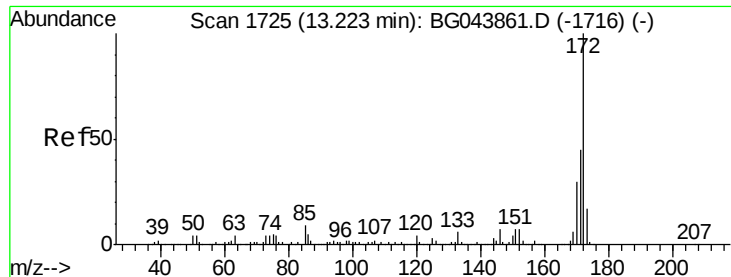


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

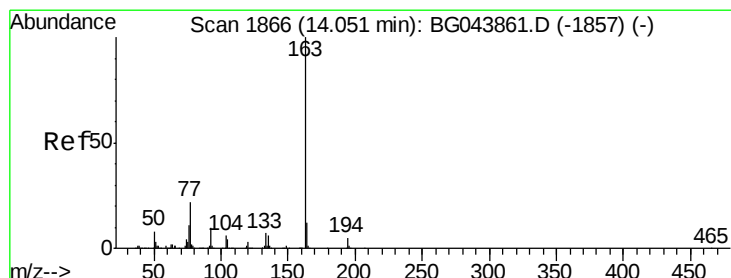
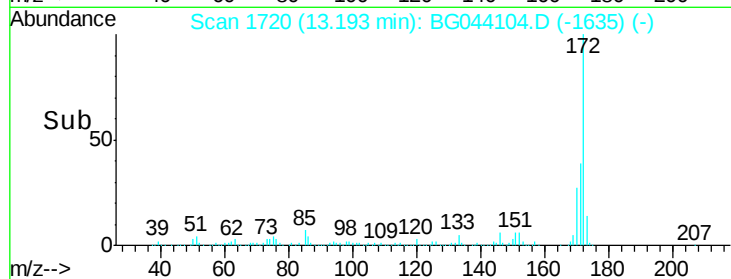
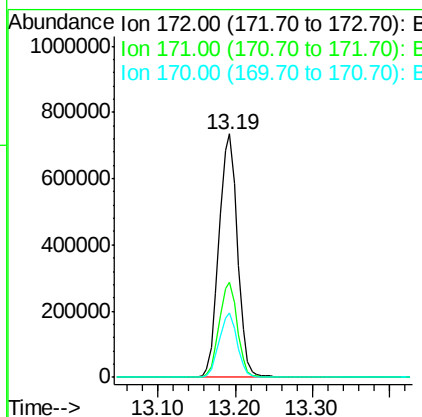
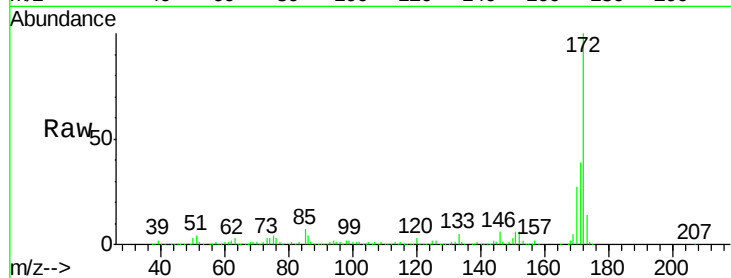




#45
2-Fluorobiphenyl
Concen: 92.352 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

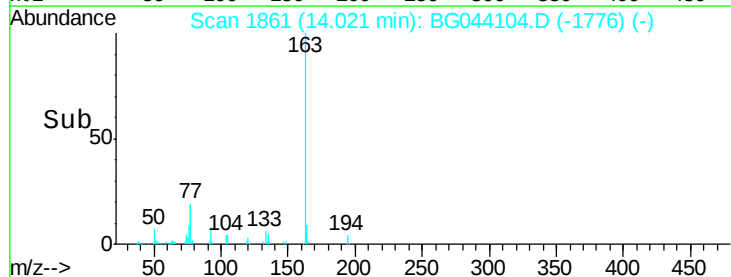
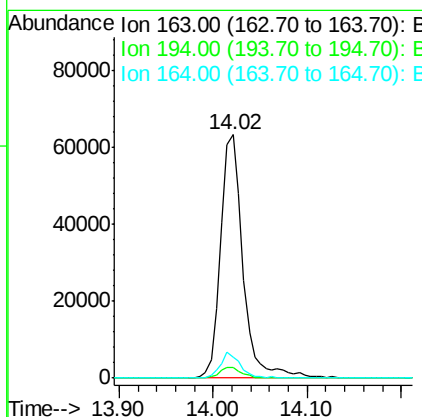
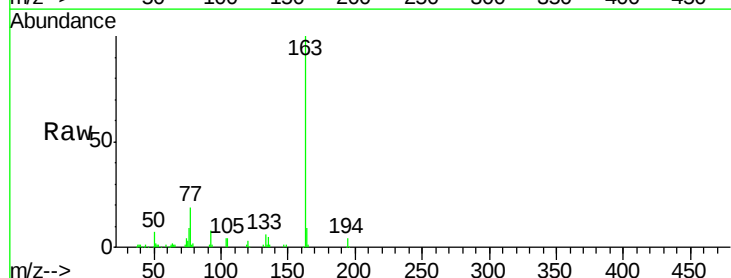
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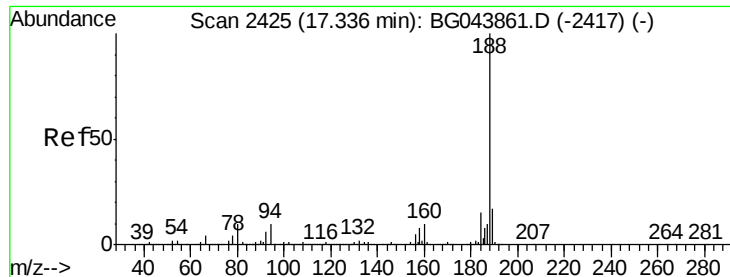
Tot Ion:172 Resp: 1221149
Ion Ratio Lower Upper
172 100
171 39.0 35.8 53.8
170 26.5 24.2 36.4



#50
Dimethylphthalate
Concen: 6.216 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.03 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Tgt Ion:163 Resp: 105742
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 8.5 9.3 13.9#

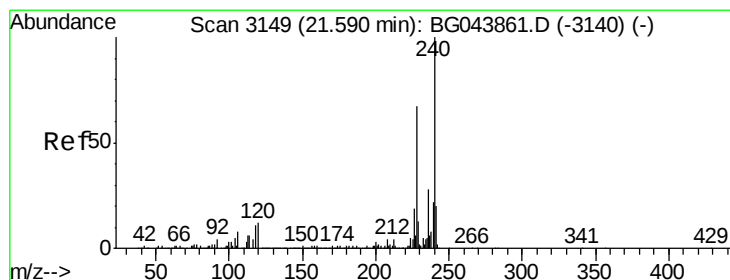
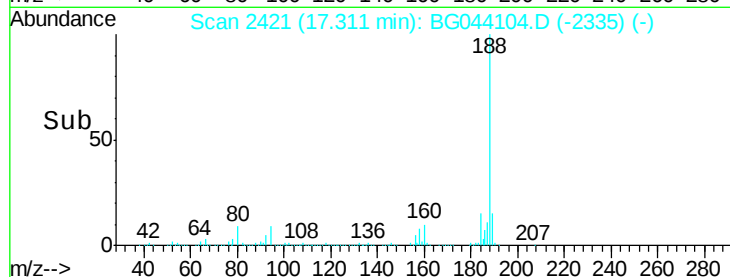
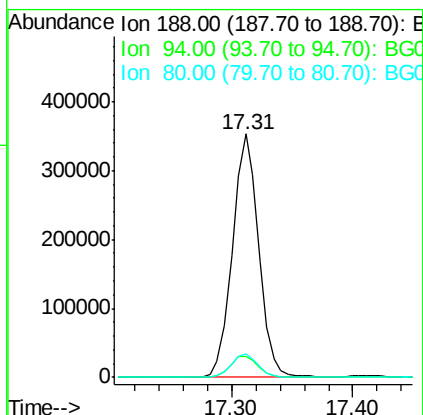
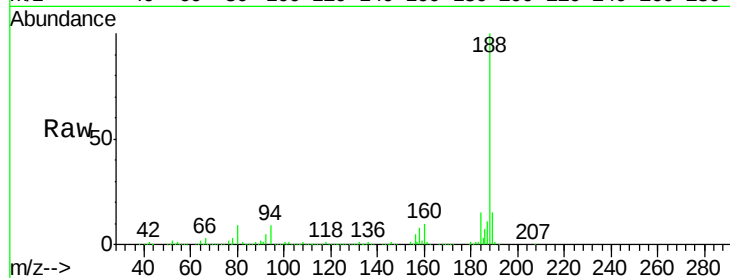




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

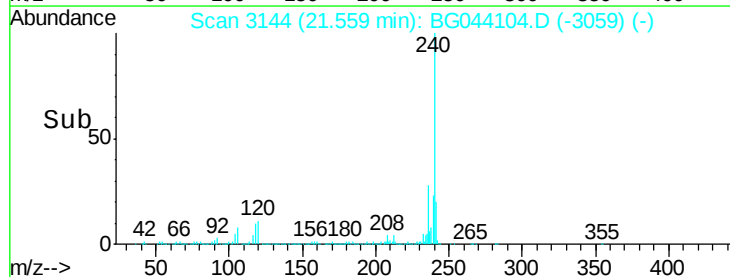
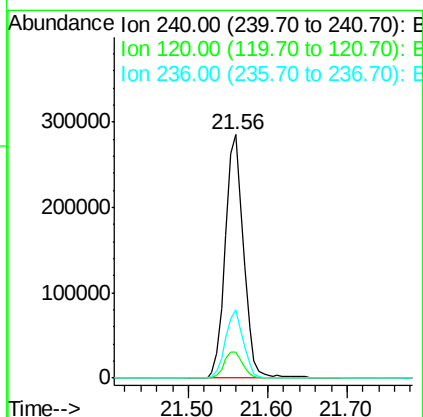
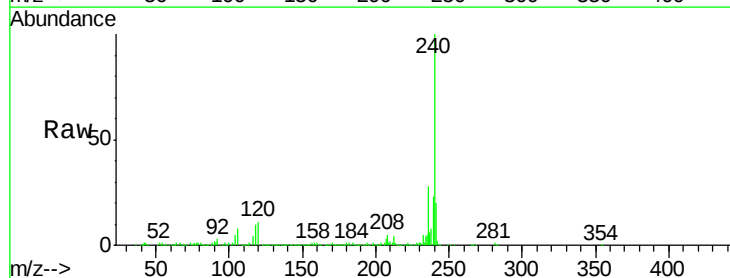
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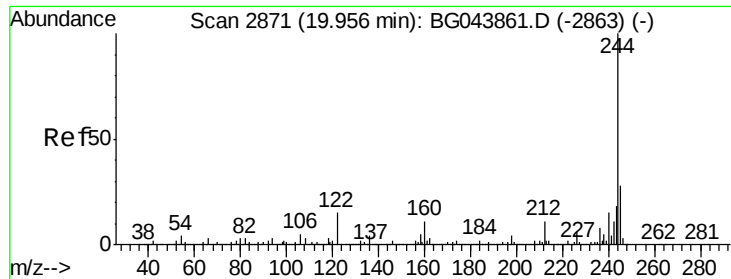
Tot Ion:188 Resp: 533096
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 9.5 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.03 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Tgt Ion:240 Resp: 459559
Ion Ratio Lower Upper
240 100
120 10.9 9.6 14.4
236 28.1 22.2 33.2





#79

Terphenyl-d14

Concen: 98.815 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044104.D

Acq: 20 Jan 2020 19:01

Instrument :

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ClientSampleId :

AOC-9-NORTH-(SETTLED)

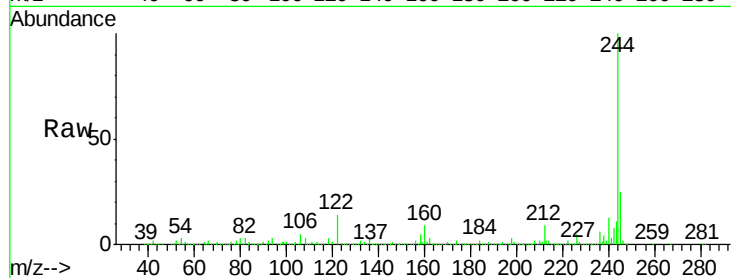
Tot Ion:244 Resp: 1806730

Ion Ratio Lower Upper

244 100

212 9.4 8.6 13.0

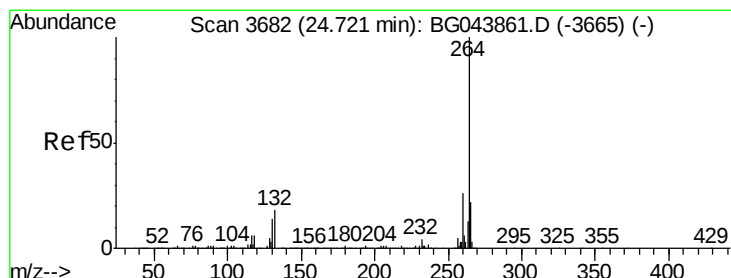
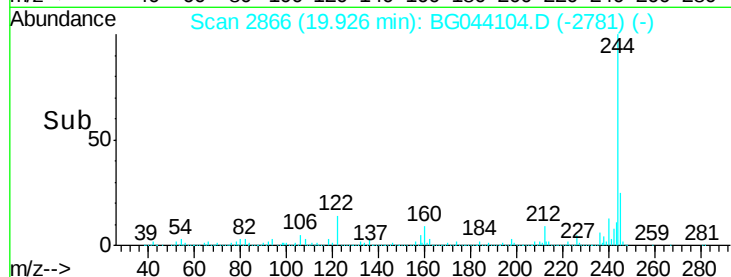
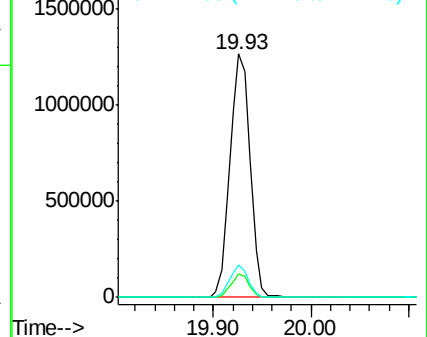
122 13.5 11.9 17.9



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: 24.67 min Scan# 3673

Delta R.T. -0.05 min

Lab File: BG044104.D

Acq: 20 Jan 2020 19:01

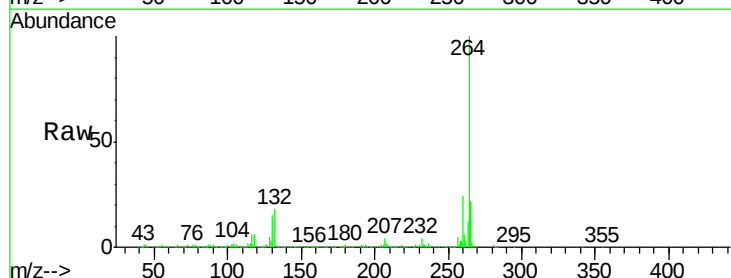
Tgt Ion:264 Resp: 510074

Ion Ratio Lower Upper

264 100

260 24.4 20.4 30.6

265 22.3 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

