

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044121.D
 Acq On : 21 Jan 2020 6:55
 Operator : JU
 Sample : L1176-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-5

Quant Time: Jan 21 07:45:13 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

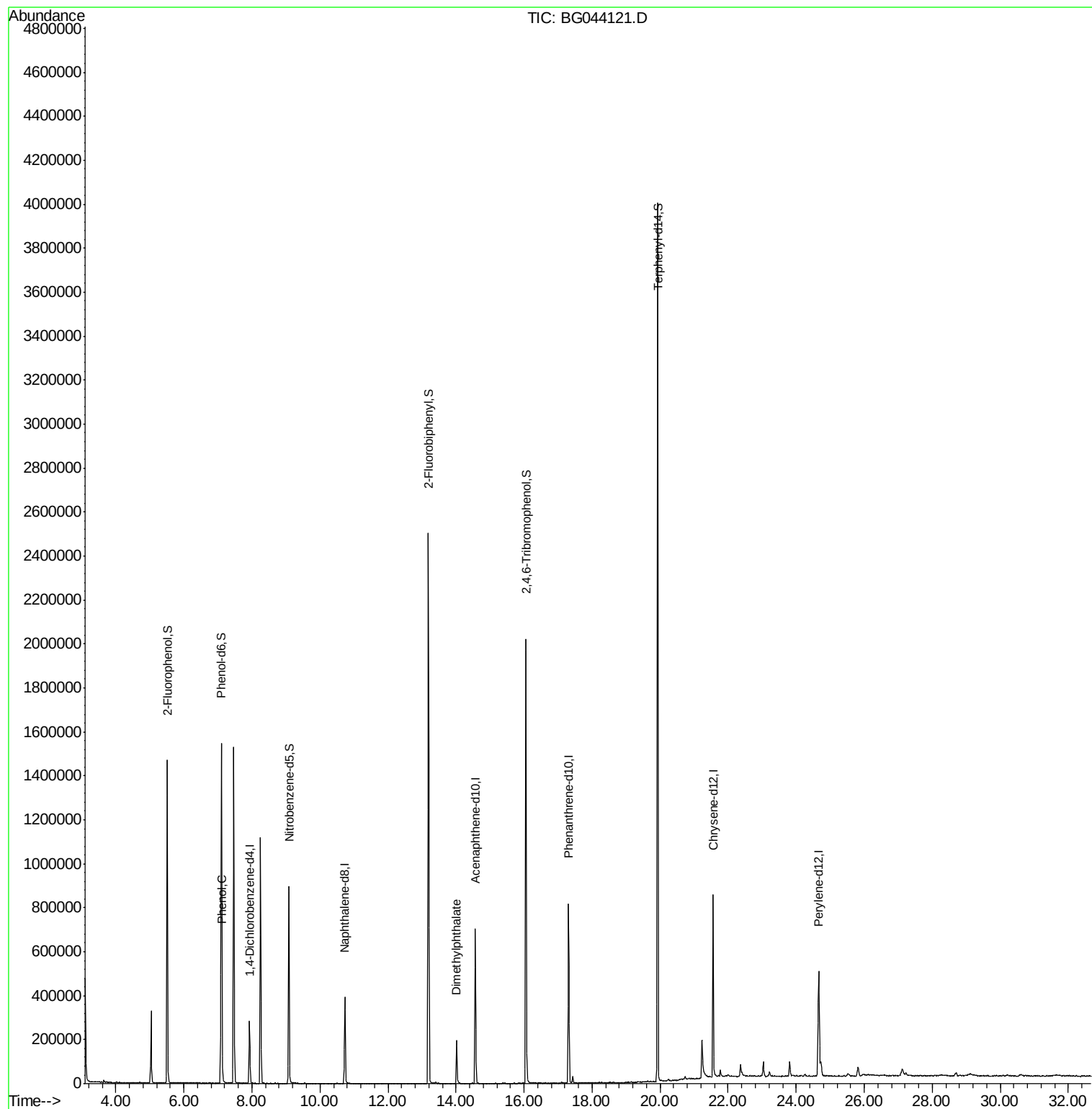
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	82706	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	366805	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	256962	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	537242	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	458592	20.00	ng	-0.03
87) Perylene-d12	24.66	264	510023	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	690550	153.31	ng	-0.03
7) Phenol-d6	7.10	99	995887	158.17	ng	-0.02
23) Nitrobenzene-d5	9.09	82	574809	83.83	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	394436	146.68	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1340835	94.54	ng	-0.03
79) Terphenyl-d14	19.92	244	1902749	106.69	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	38942	6.003	ng	90
50) Dimethylphthalate	14.02	163	156022	8.551	ng	98

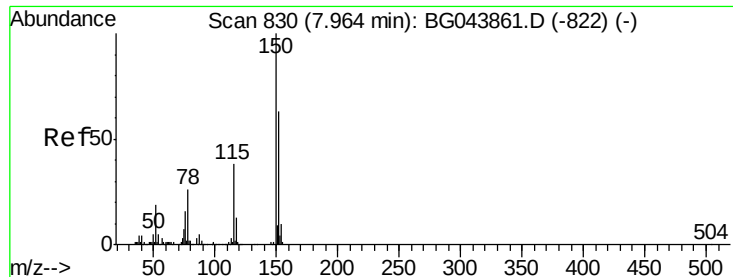
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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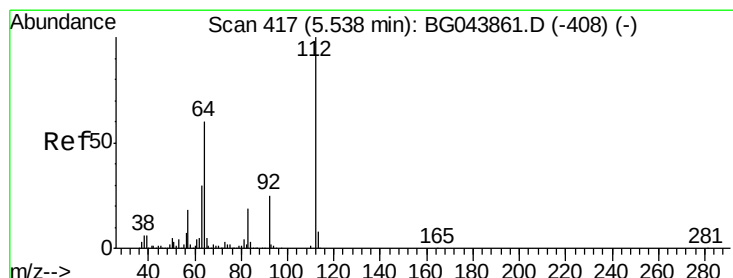
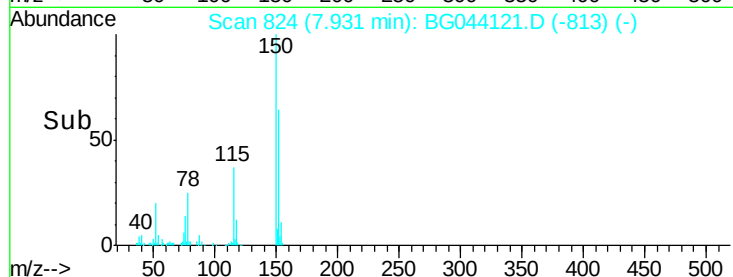
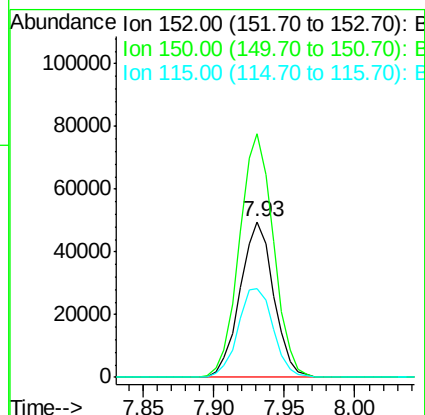
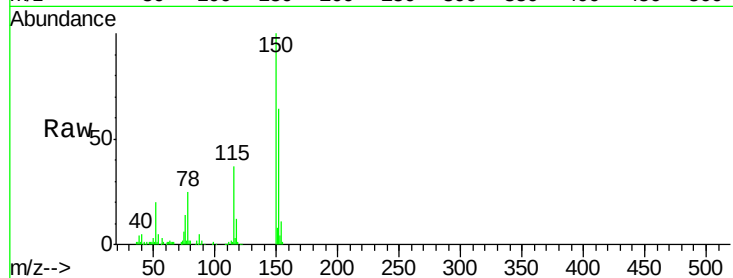


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044121.D
Acq: 21 Jan 2020 6:55

Instrument :
BNA_G
ClientSampleId :
EP-5

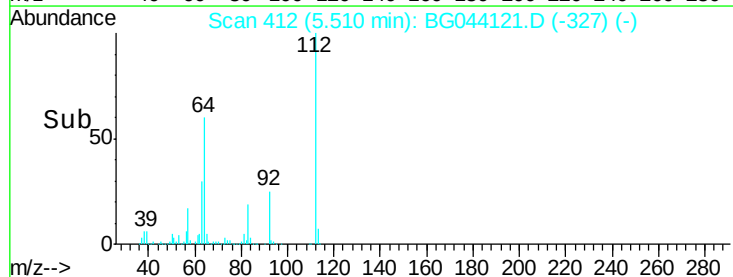
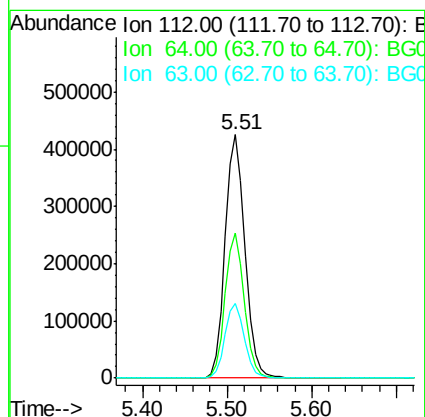
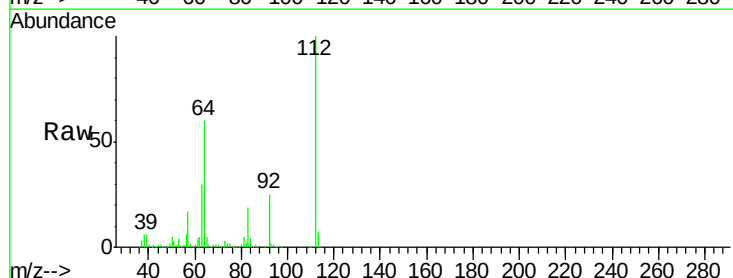
Tot Ion:152 Resp: 82706
Ion Ratio Lower Upper
152 100
150 156.6 127.0 190.4
115 57.5 47.8 71.8

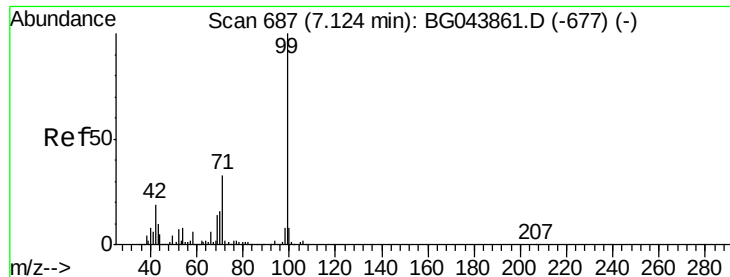


#5

2-Fluorophenol
Concen: 153.306 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044121.D
Acq: 21 Jan 2020 6:55

Tgt Ion:112 Resp: 690550
Ion Ratio Lower Upper
112 100
64 59.6 47.8 71.6
63 30.4 24.3 36.5





#7

Phenol-d6

Concen: 158.170 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044121.D

Acq: 21 Jan 2020 6:55

Instrument :

BNA_G

ClientSampleId :

EP-5

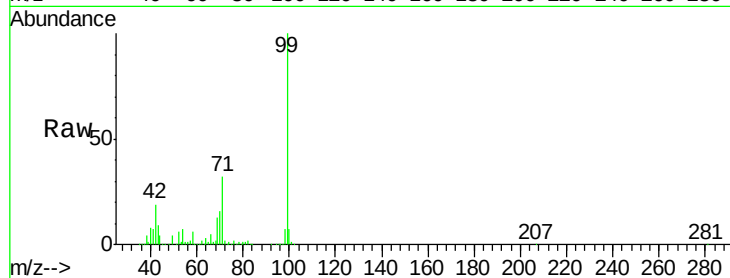
Tot Ion: 99 Resp: 995887

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.9	22.3
71	32.4	26.4	39.6

99 100

42 18.5 14.9 22.3

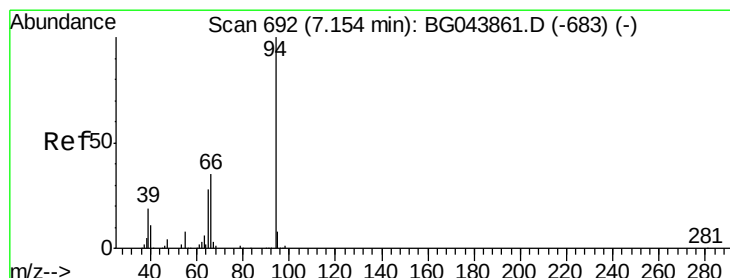
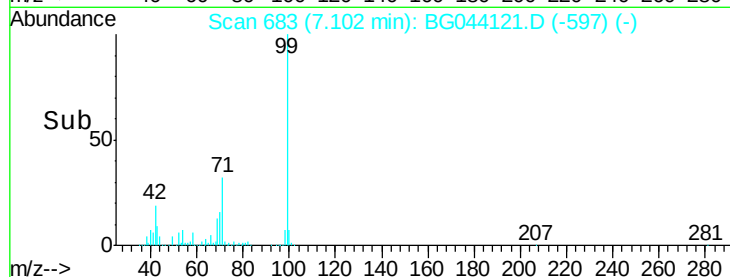
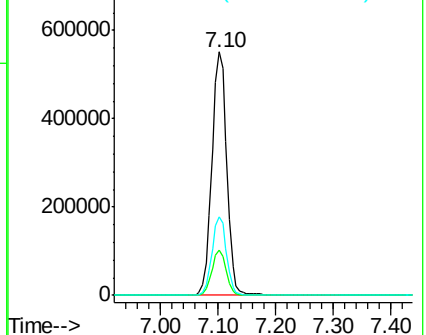
71 32.4 26.4 39.6



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: 6.003 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044121.D

Acq: 21 Jan 2020 6:55

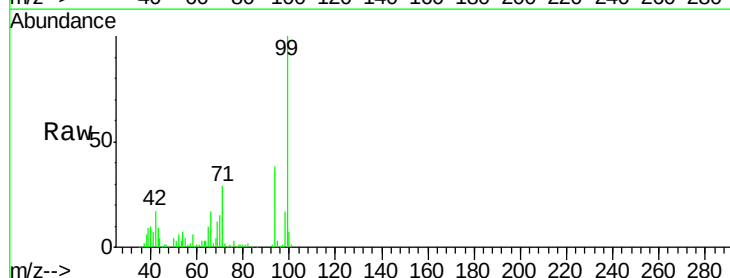
Tgt Ion: 94 Resp: 38942

Ion	Ratio	Lower	Upper
94	100		
65	26.4	8.1	48.1
66	44.4	15.6	55.6

94 100

65 26.4 8.1 48.1

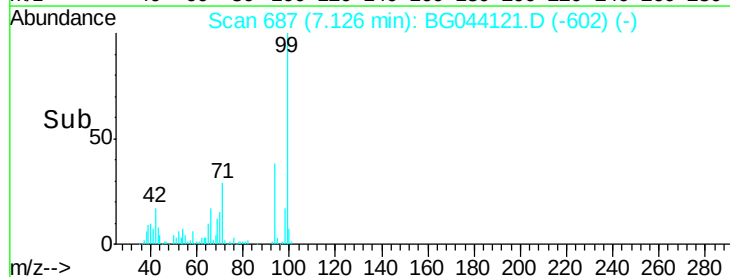
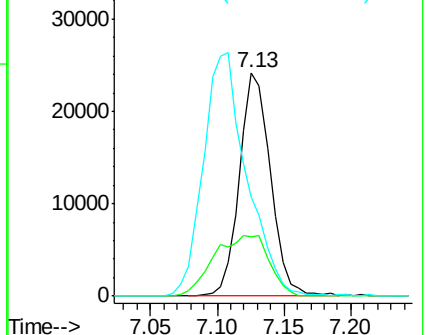
66 44.4 15.6 55.6

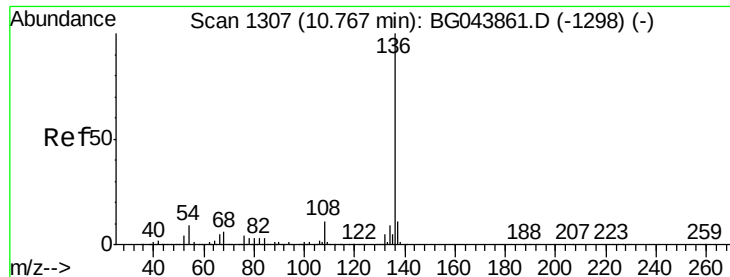


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

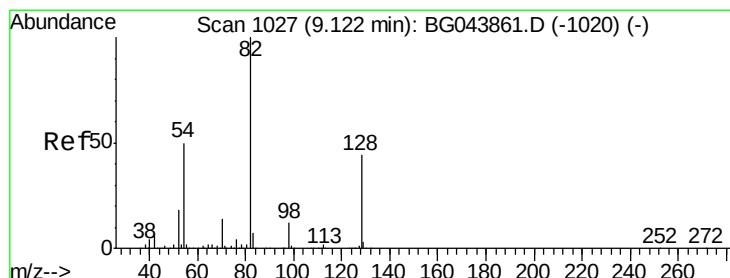
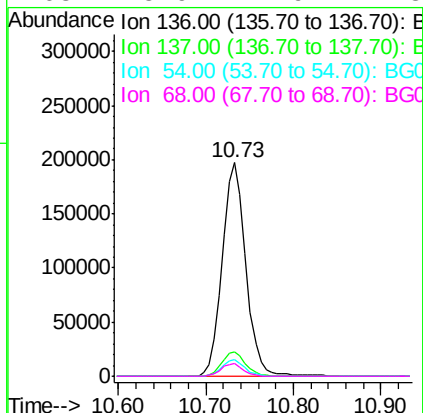
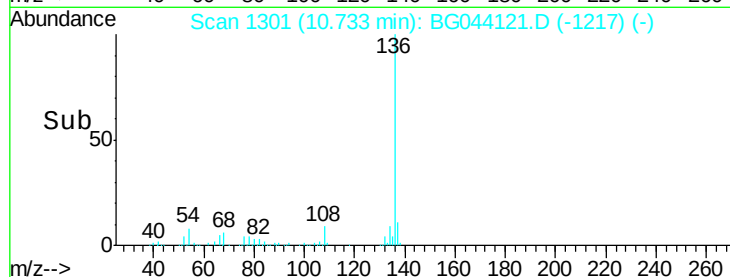
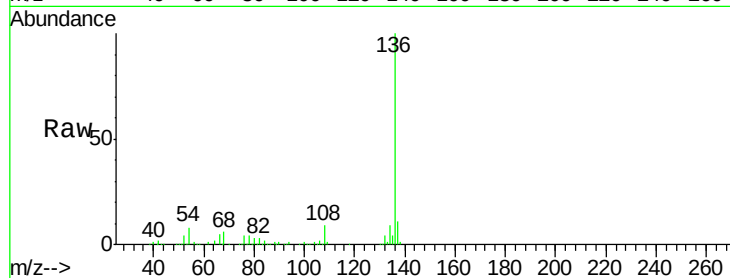




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044121.D
Acq: 21 Jan 2020 6:55

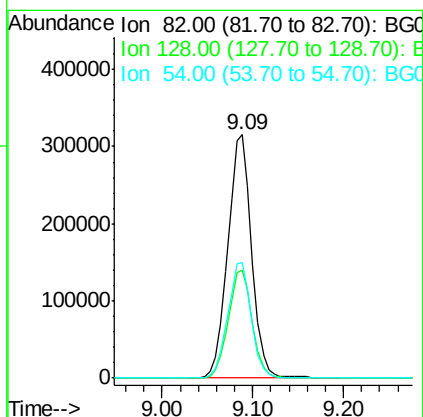
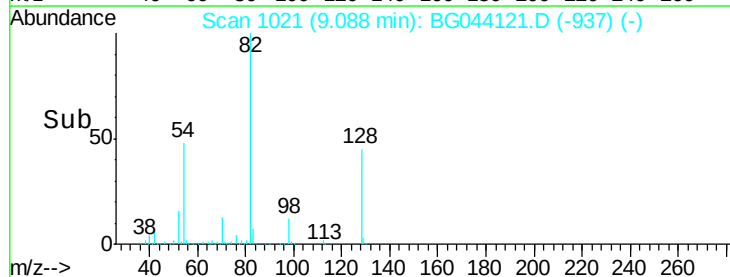
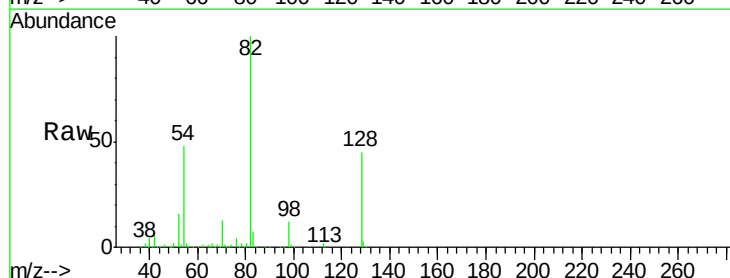
Instrument :
BNA_G
ClientSampleId :
EP-5

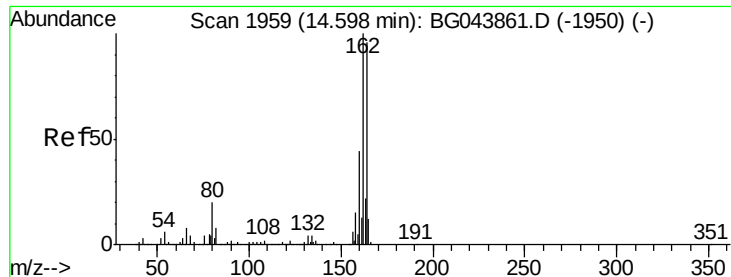
Tot Ion:136	Resp: 366805
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 7.8	7.0 10.4
68 5.9	4.9 7.3



#23
Nitrobenzene-d5
Concen: 83.832 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044121.D
Acq: 21 Jan 2020 6:55

Tgt Ion: 82	Resp: 574809
Ion Ratio	Lower Upper
82 100	
128 44.5	35.1 52.7
54 47.7	40.1 60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044121.D

Acq: 21 Jan 2020 6:55

Instrument :

BNA_G

ClientSampleId :

EP-5

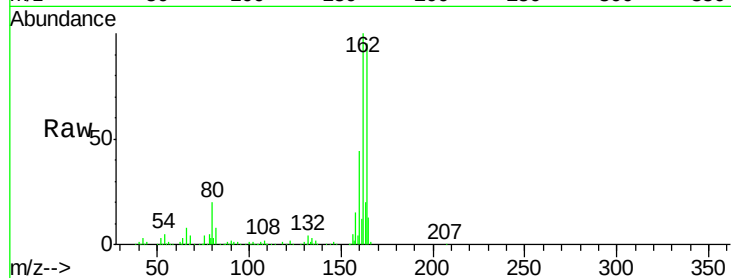
Tot Ion:164 Resp: 256962

Ion Ratio Lower Upper

164 100

162 104.9 83.0 124.4

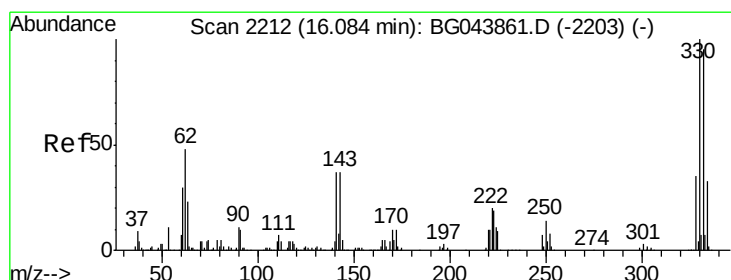
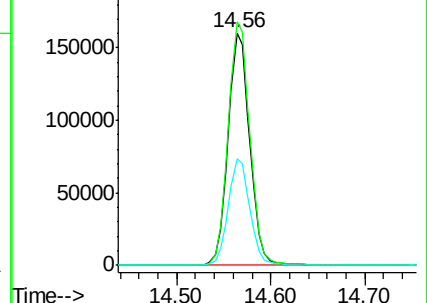
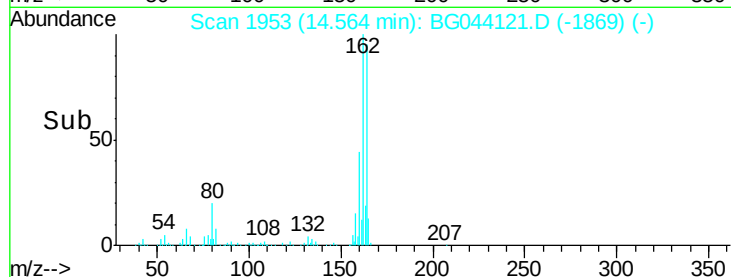
160 46.0 36.1 54.1



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: 146.682 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044121.D

Acq: 21 Jan 2020 6:55

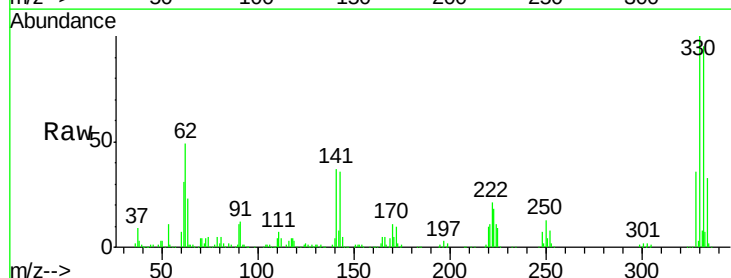
Tgt Ion:330 Resp: 394436

Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

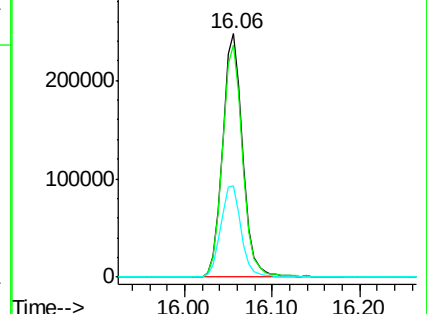
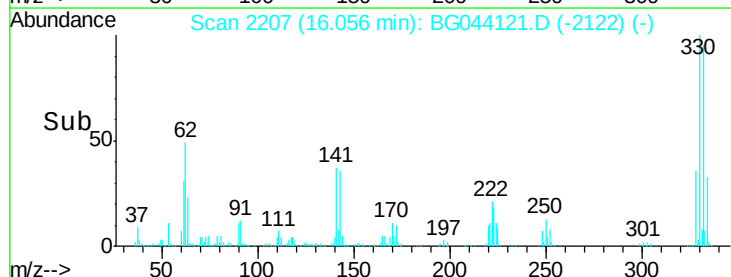
141 38.6 33.1 49.7

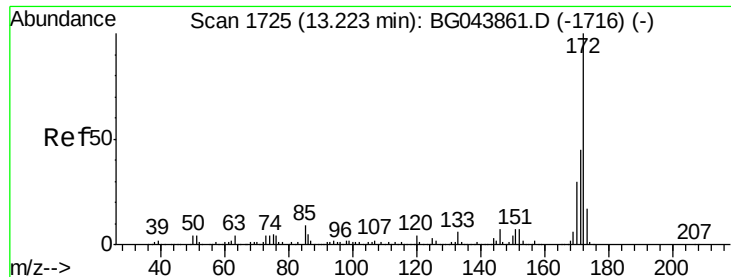


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

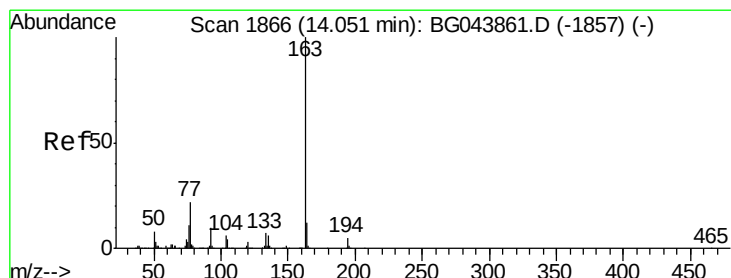
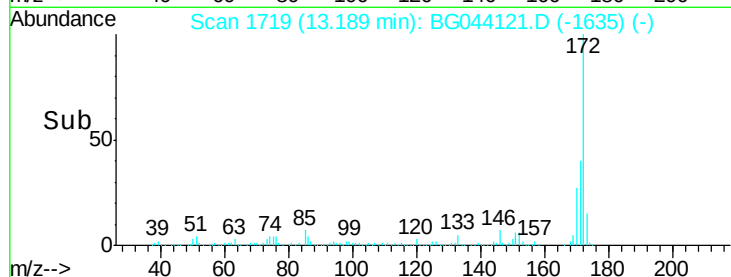
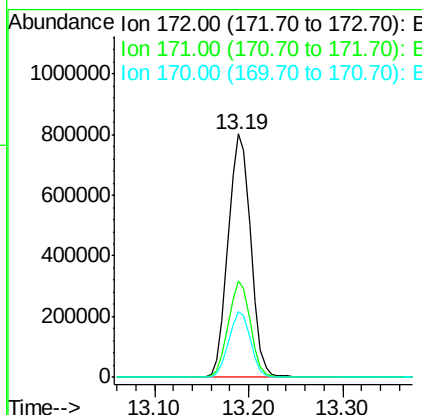
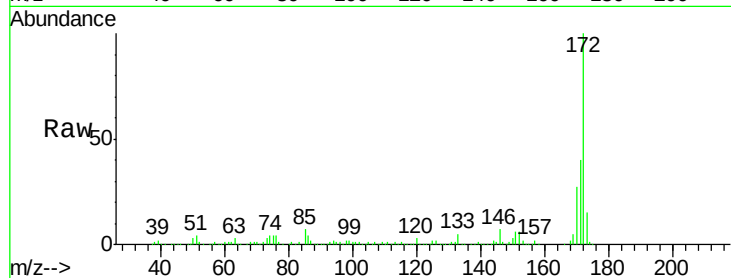




#45
2-Fluorobiphenyl
Concen: 94.539 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044121.D
Acq: 21 Jan 2020 6:55

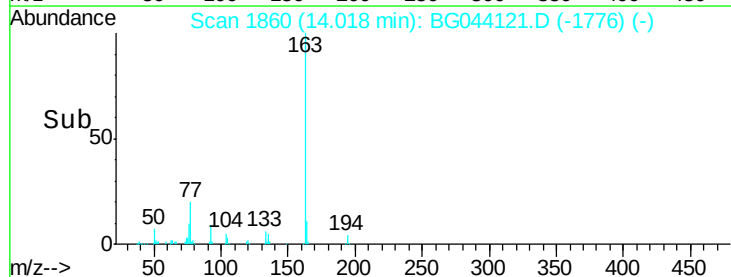
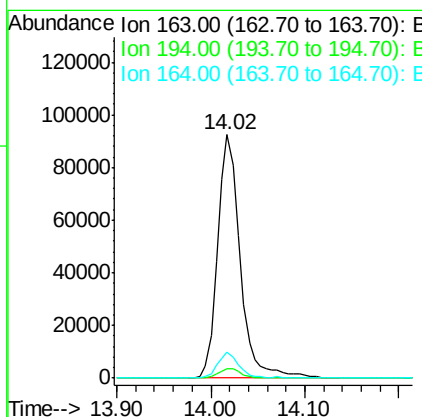
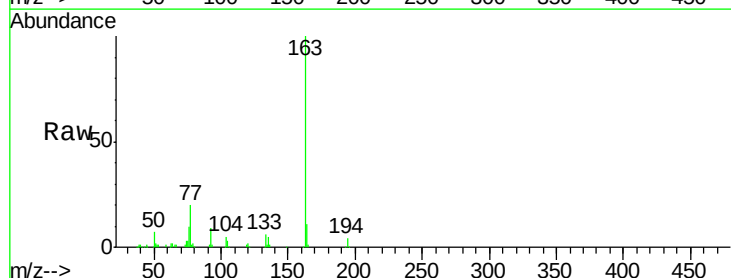
Instrument :
BNA_G
ClientSampleId :
EP-5

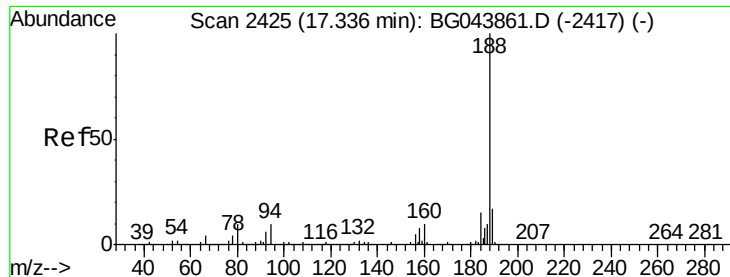
Tot Ion:172 Resp: 1340835
Ion Ratio Lower Upper
172 100
171 39.5 35.8 53.8
170 26.8 24.2 36.4



#50
Dimethylphthalate
Concen: 8.551 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044121.D
Acq: 21 Jan 2020 6:55

Tgt Ion:163 Resp: 156022
Ion Ratio Lower Upper
163 100
194 3.8 3.7 5.5
164 10.8 9.3 13.9

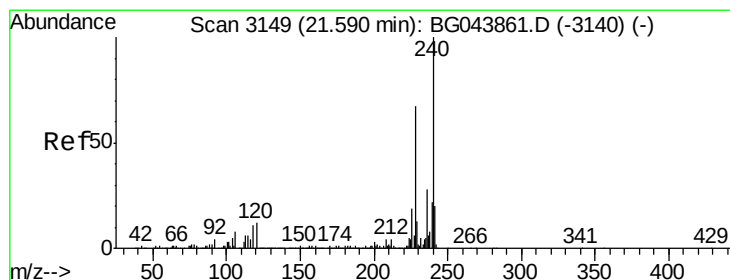
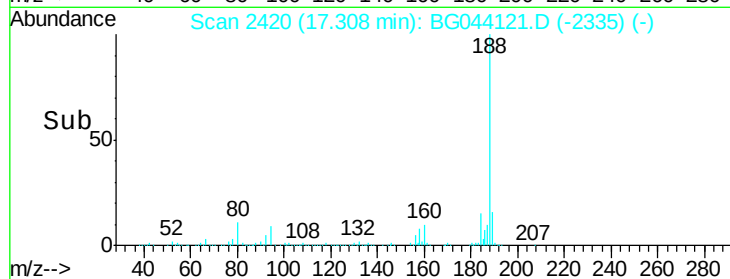
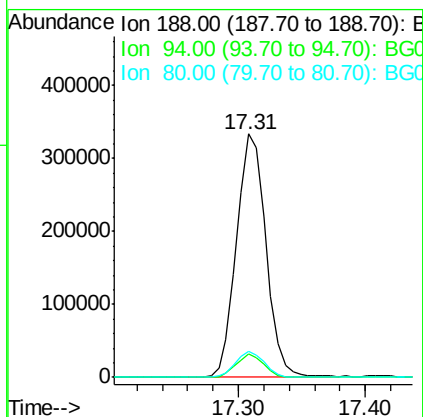
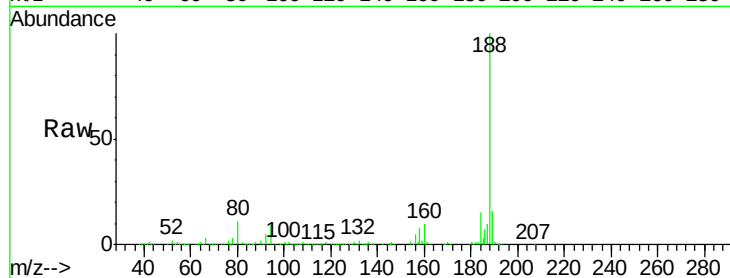




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044121.D
Acq: 21 Jan 2020 6:55

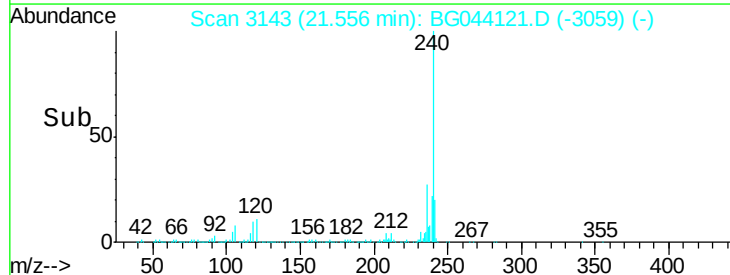
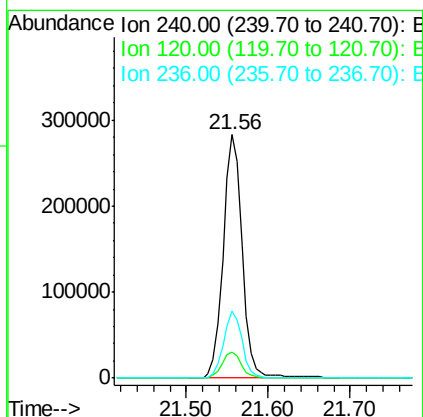
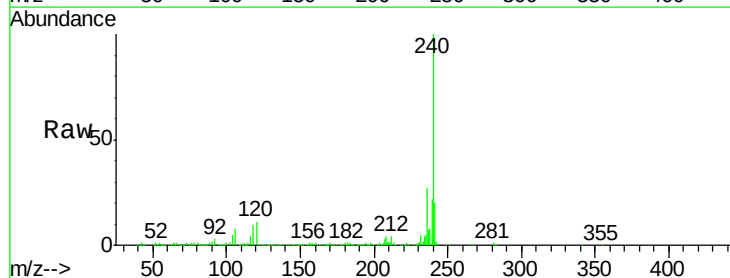
Instrument :
BNA_G
ClientSampleId :
EP-5

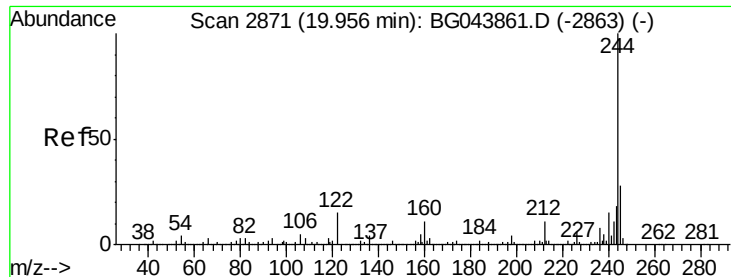
Tot Ion:188 Resp: 537242
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.6 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044121.D
Acq: 21 Jan 2020 6:55

Tgt Ion:240 Resp: 458592
Ion Ratio Lower Upper
240 100
120 10.9 9.6 14.4
236 27.4 22.2 33.2





#79

Terphenyl-d14

Concen: 106.688 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044121.D

Acq: 21 Jan 2020 6:55

Instrument :

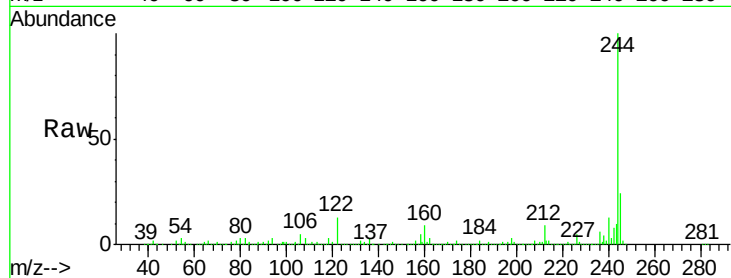
BNA_G

ClientSampleId :

EP-5

Tot Ion:244 Resp: 1902749

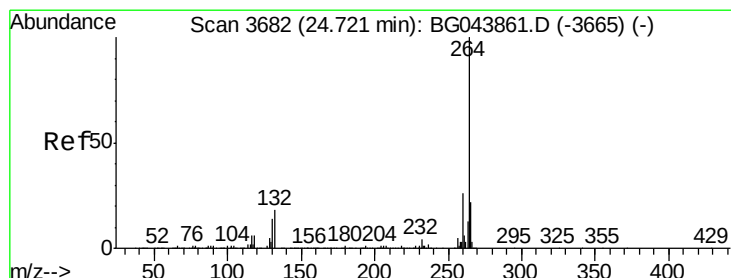
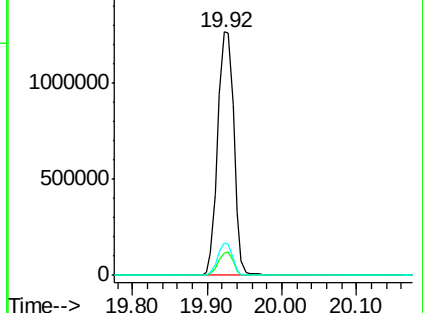
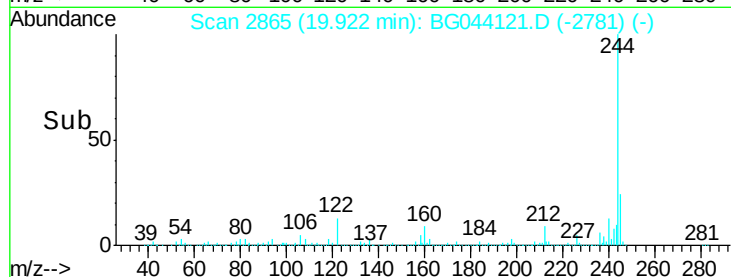
Ion	Ratio	Lower	Upper
244	100		
212	9.3	8.6	13.0
122	13.2	11.9	17.9



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: 24.66 min Scan# 3672

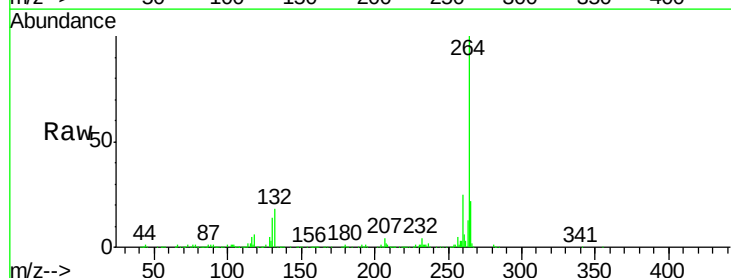
Delta R.T. -0.06 min

Lab File: BG044121.D

Acq: 21 Jan 2020 6:55

Tgt Ion:264 Resp: 510023

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.4	30.6
265	21.9	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

