

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
 Data File : BG045091.D
 Acq On : 20 Apr 2020 11:47
 Operator : CG/JU
 Sample : L2304-01DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B1DL

Quant Time: Apr 20 12:29:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 11:57:28 2020
 Response via : Initial Calibration

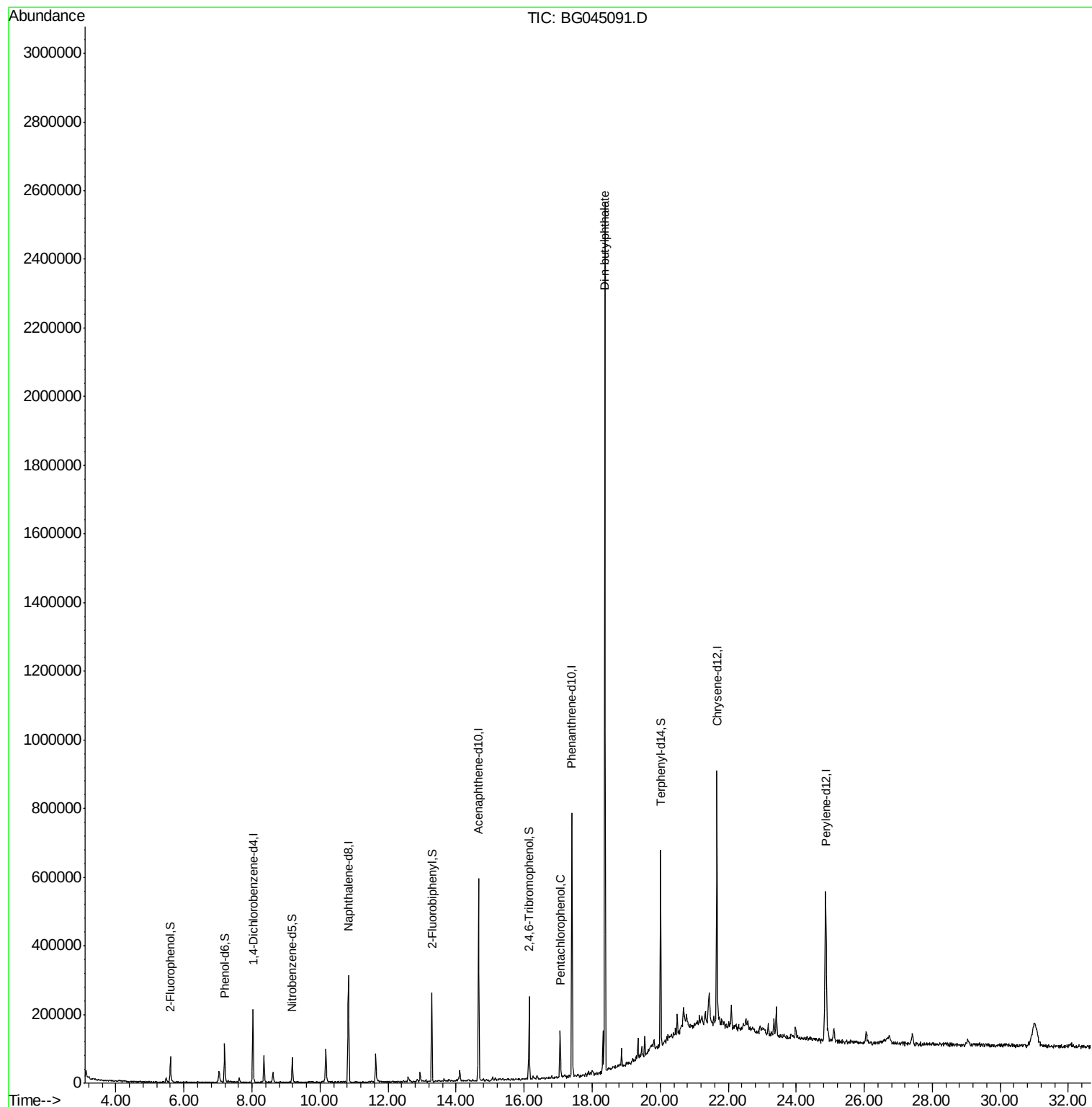
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	63311	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	278670	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	216206	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	508026	20.00	ng	0.00
76) Chrysene-d12	21.67	240	451425	20.00	ng	0.00
87) Perylene-d12	24.86	264	494553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	38778	10.11	ng	0.00
7) Phenol-d6	7.19	99	76607	13.45	ng	0.00
23) Nitrobenzene-d5	9.19	82	52179	8.54	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	49537	14.83	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	140480	9.53	ng	0.00
79) Terphenyl-d14	20.01	244	270408	13.06	ng	0.00
Target Compounds						
70) Pentachlorophenol	17.06	266	28533	6.843	ng	99
74) Di-n-butylphthalate	18.37	149	1847850	66.821	ng	# 98

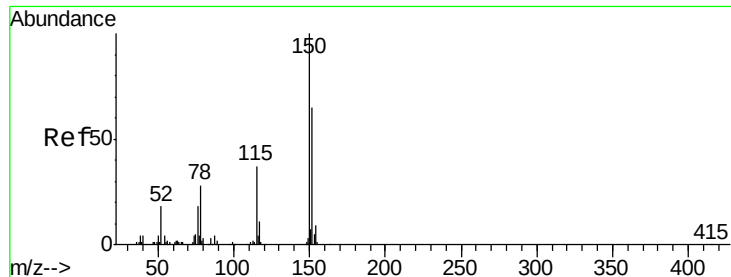
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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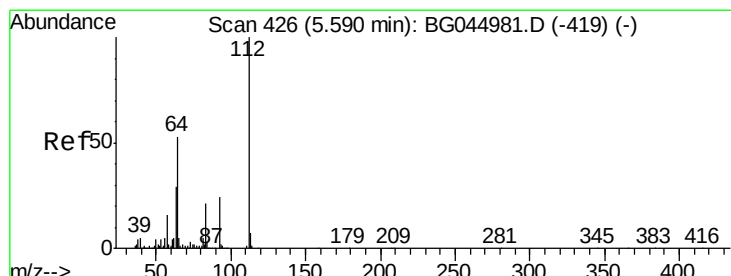
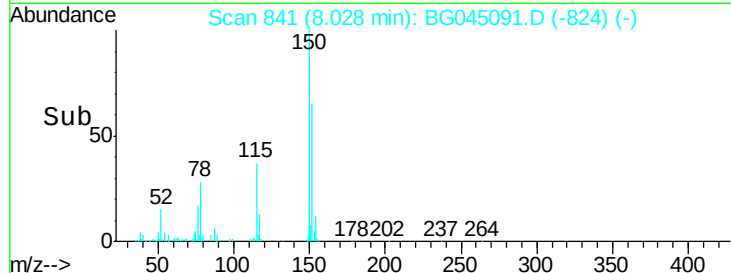
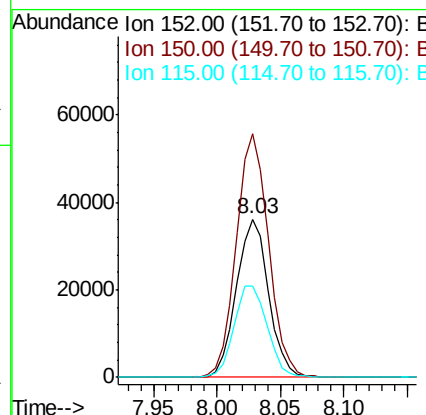
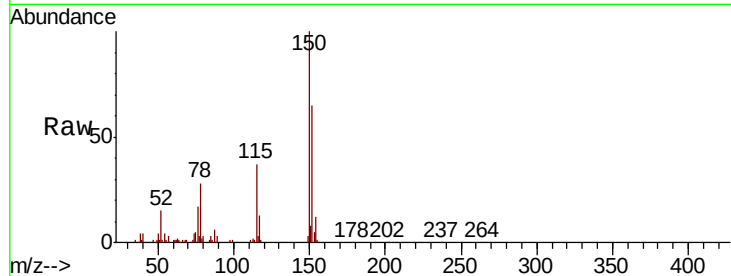




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BG045091.D
 Acq: 20 Apr 2020 11:47

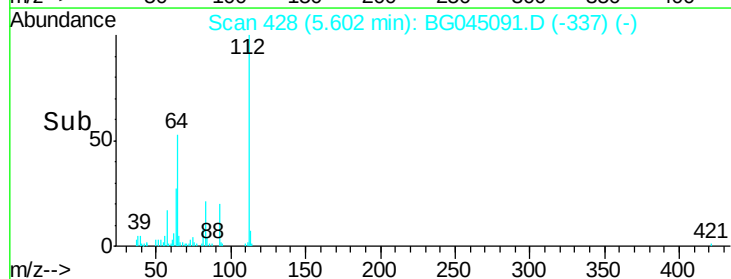
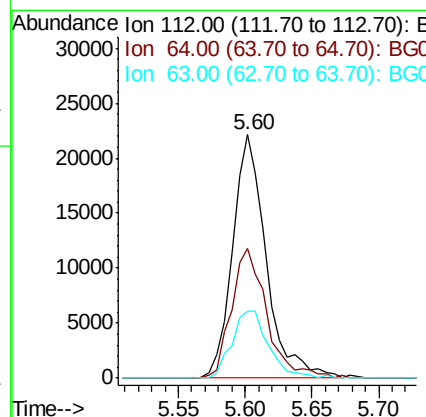
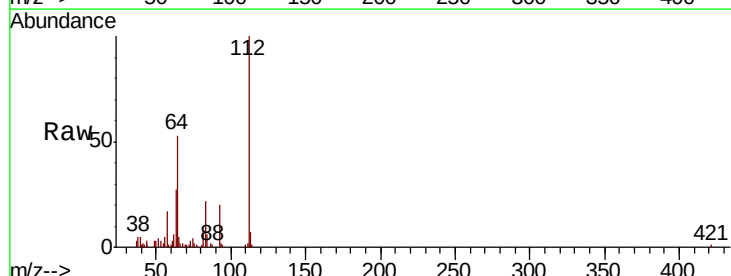
Instrument :
 BNA_G
 ClientSampleId :
 WC-B1DL

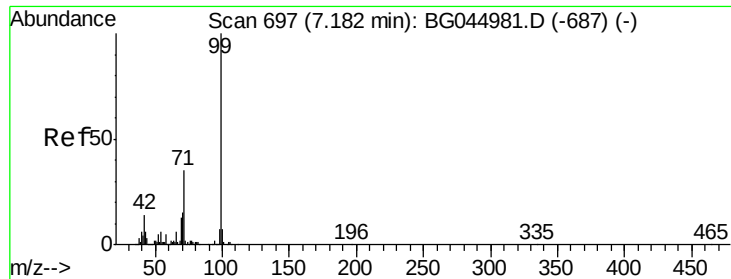
Tot Ion:	152	Resp:	63311
Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.6	185.4
115	57.3	49.1	73.7



#5
 2-Fluorophenol
 Concen: 10.112 ng
 RT: 5.60 min Scan# 428
 Delta R.T. 0.01 min
 Lab File: BG045091.D
 Acq: 20 Apr 2020 11:47

Tgt Ion:	112	Resp:	38778
Ion	Ratio	Lower	Upper
112	100		
64	53.3	42.4	63.6
63	27.4	23.1	34.7





#7

Phenol-d6

Concen: 13.445 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG045091.D

Acq: 20 Apr 2020 11:47

Instrument :

BNA_G

ClientSampleId :

WC-B1DL

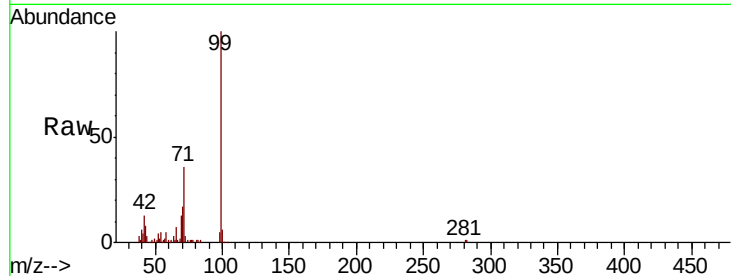
Tot Ion: 99 Resp: 76607

Ion	Ratio	Lower	Upper
99	100		
42	13.1	11.3	16.9
71	35.8	28.3	42.5

99 100

42 13.1 11.3 16.9

71 35.8 28.3 42.5

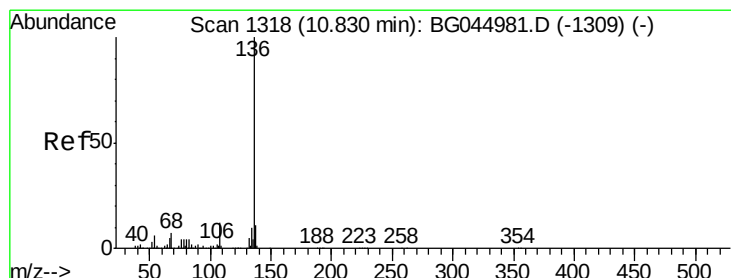
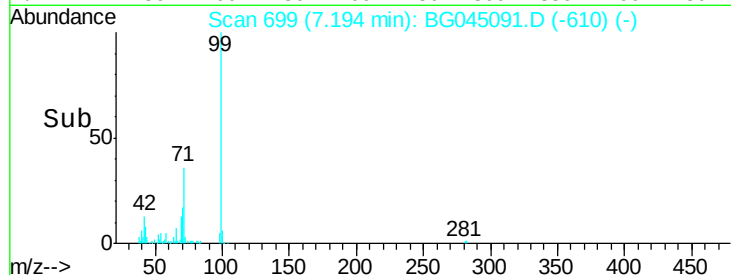
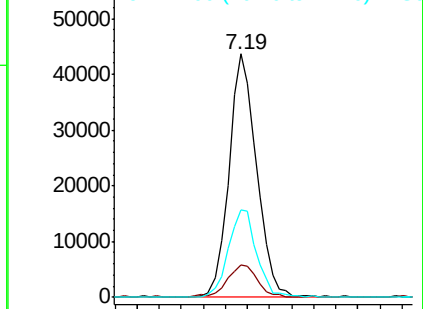


Abundance

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: 10.84 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BG045091.D

Acq: 20 Apr 2020 11:47

Tgt Ion: 136 Resp: 278670

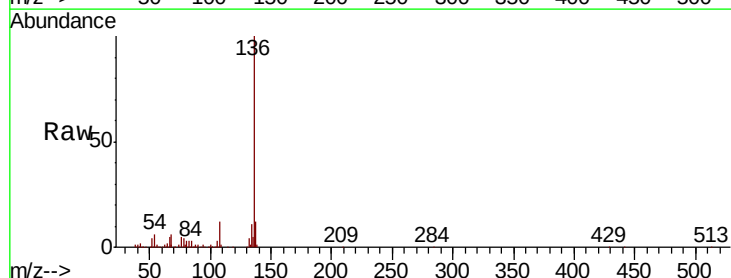
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	13.0
54	6.1	4.8	7.2
68	5.7	5.2	7.8

136 100

137 11.6 8.6 13.0

54 6.1 4.8 7.2

68 5.7 5.2 7.8



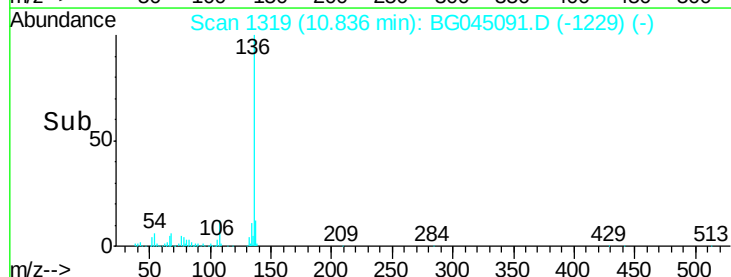
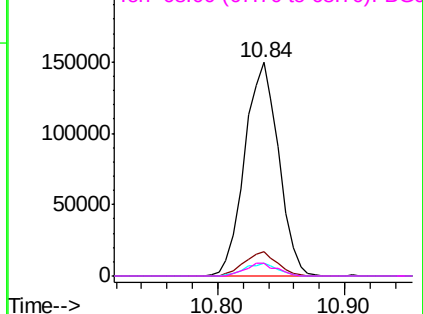
Abundance

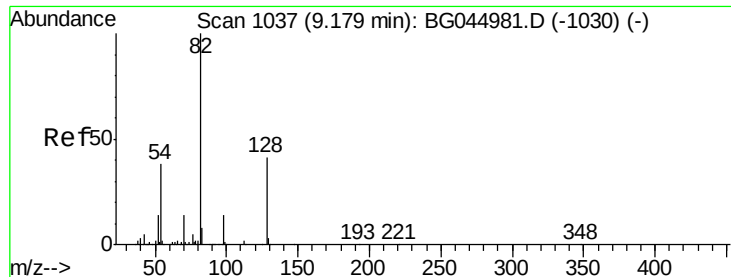
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

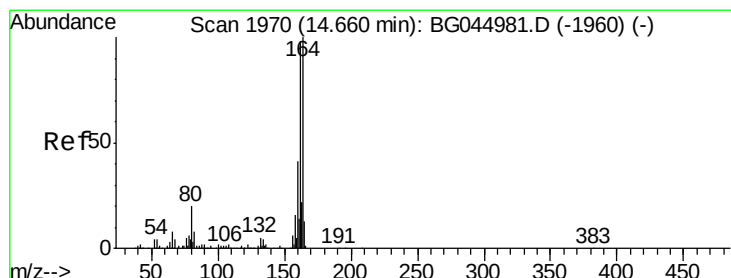
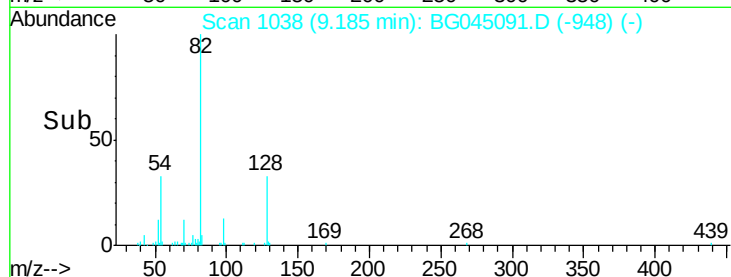
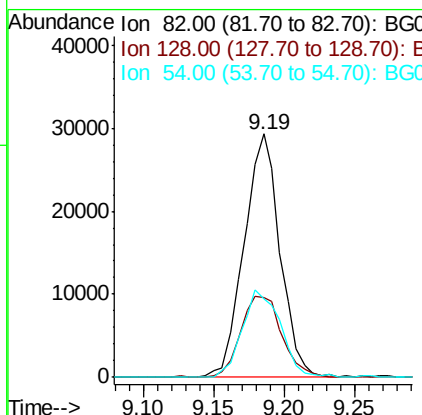
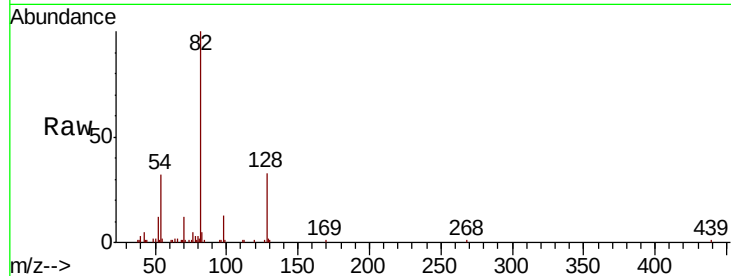




#23
 Nitrobenzene-d5
 Concen: 8.544 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG045091.D
 Acq: 20 Apr 2020 11:47

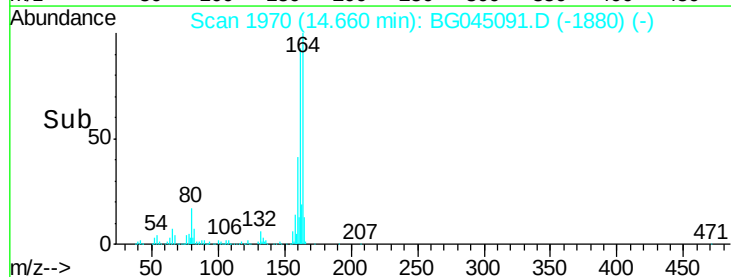
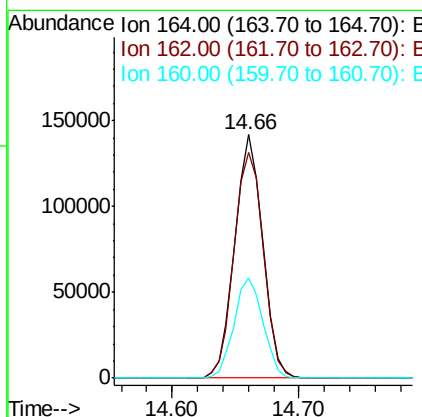
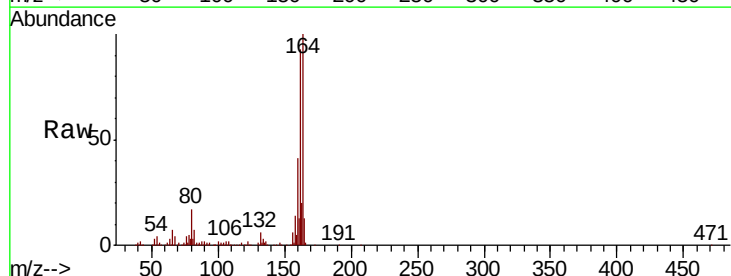
Instrument :
 BNA_G
 ClientSampleId :
 WC-B1DL

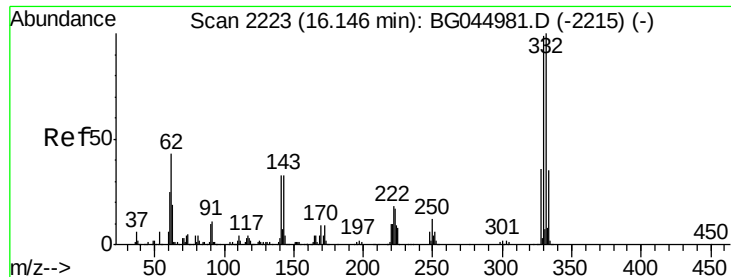
Tot Ion	82	Resp	52179
Ion Ratio	Lower	Upper	
82	100		
128	32.9	33.0	49.4#
54	32.4	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: BG045091.D
 Acq: 20 Apr 2020 11:47

Tgt Ion	164	Resp	216206
Ion Ratio	Lower	Upper	
164	100		
162	92.6	78.7	118.1
160	41.4	32.8	49.2

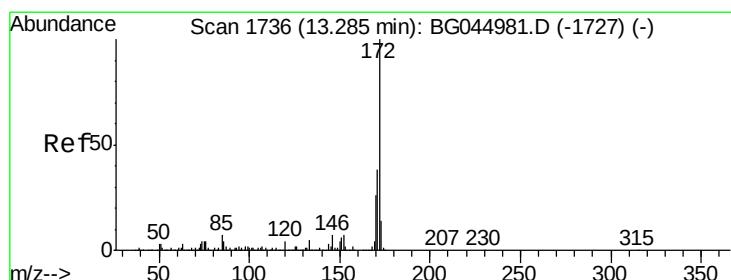
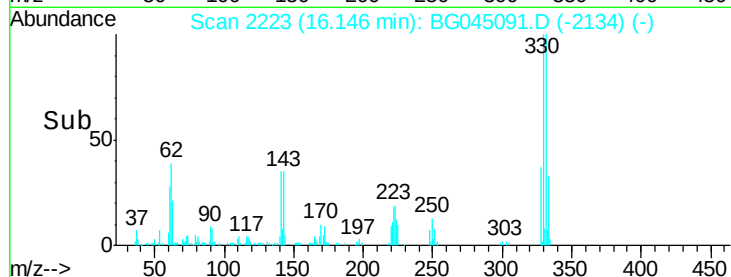
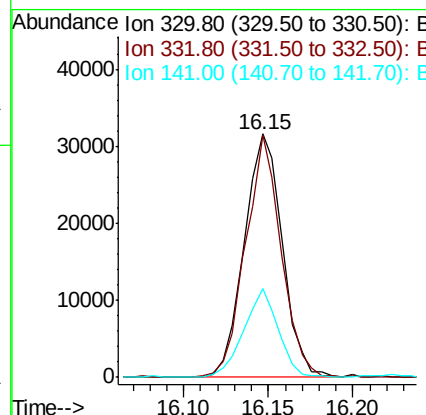
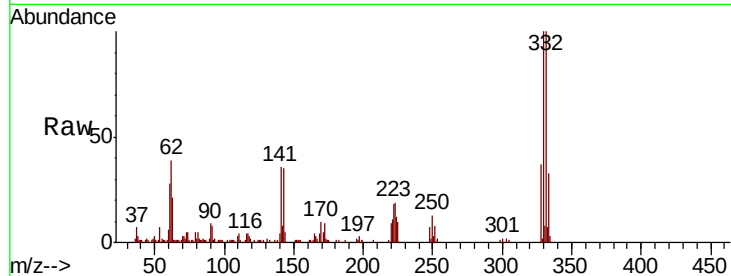




#42
 2,4,6-Tribromophenol
 Concen: 14.831 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG045091.D
 Acq: 20 Apr 2020 11:47

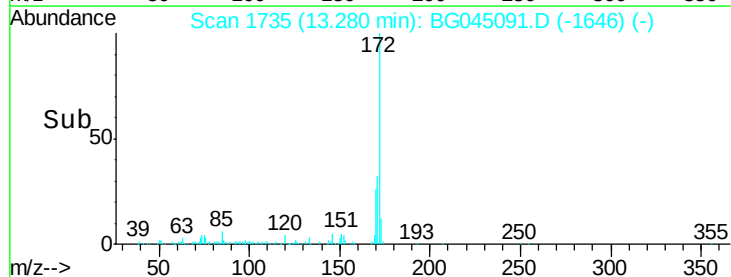
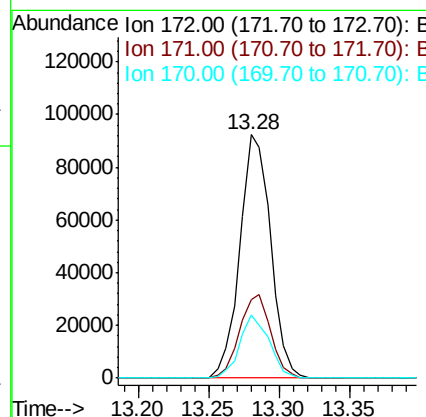
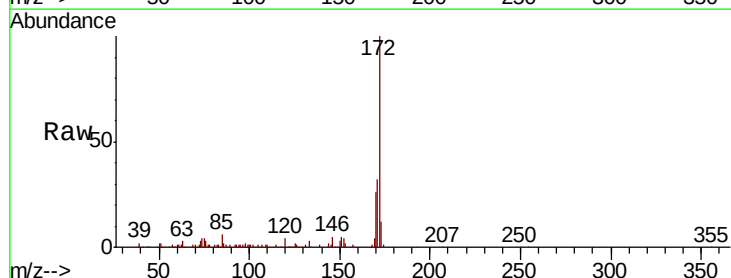
Instrument :
 BNA_G
 ClientSampleId :
 WC-B1DL

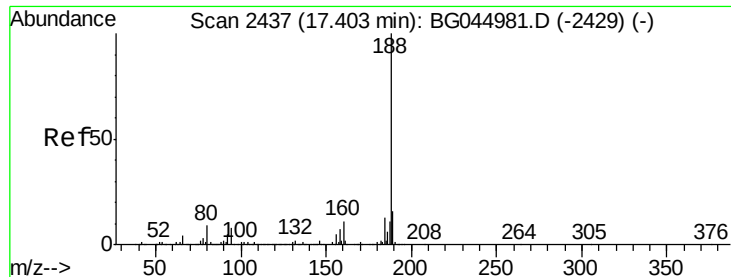
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	79.1	118.7
141	33.3	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 9.527 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG045091.D
 Acq: 20 Apr 2020 11:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.0	30.6	46.0
170	25.9	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG045091.D

Acq: 20 Apr 2020 11:47

Instrument :

BNA_G

ClientSampleId :

WC-B1DL

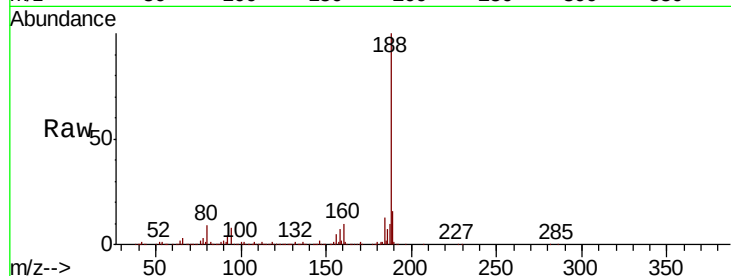
Tot Ion:188 Resp: 508026

Ion Ratio Lower Upper

188 100

94 7.5 6.2 9.4

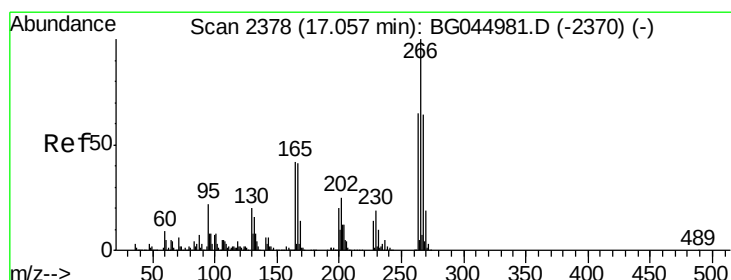
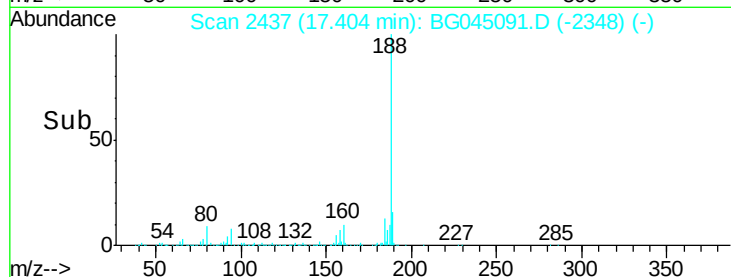
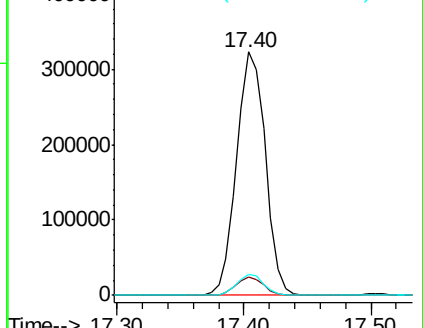
80 8.7 7.0 10.6



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



#70

Pentachlorophenol

Concen: 6.843 ng

RT: 17.06 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BG045091.D

Acq: 20 Apr 2020 11:47

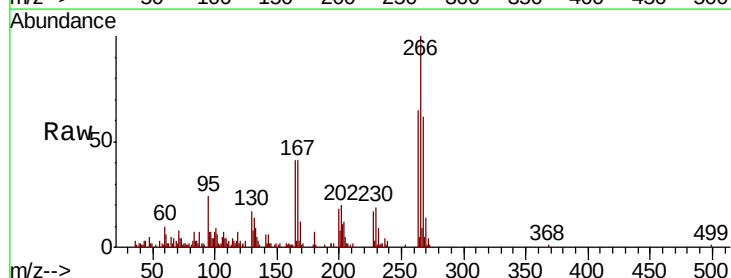
Tgt Ion:266 Resp: 28533

Ion Ratio Lower Upper

266 100

268 62.4 51.5 77.3

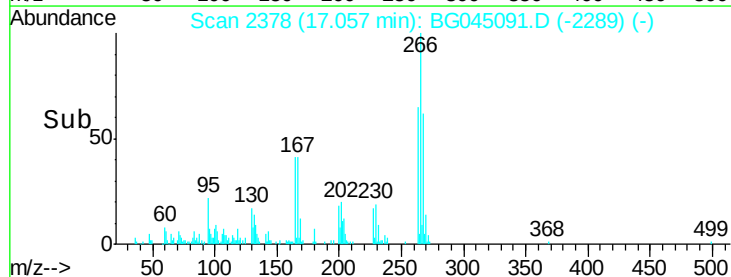
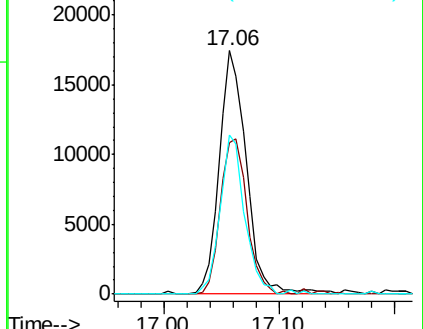
264 65.4 52.2 78.4

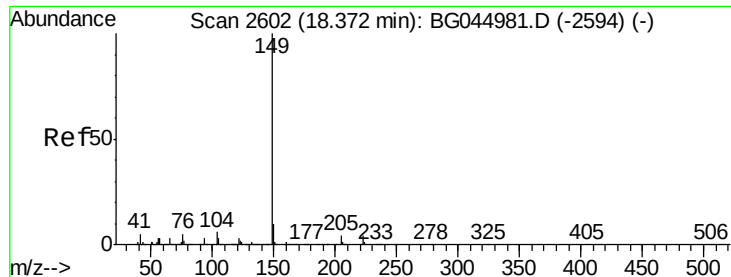


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#74

Di-n-butylphthalate

Concen: 66.821 ng

RT: 18.37 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BG045091.D

Acq: 20 Apr 2020 11:47

Instrument :

BNA_G

ClientSampleId :

WC-B1DL

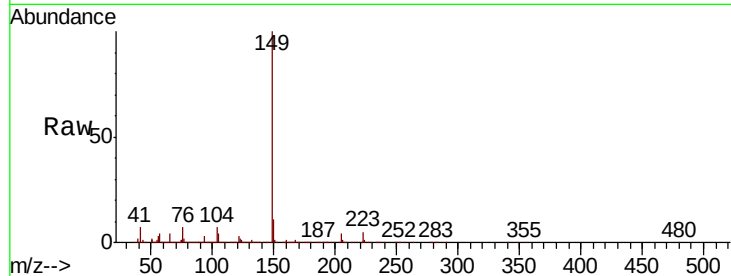
Tot Ion:149 Resp: 1847850

Ion Ratio Lower Upper

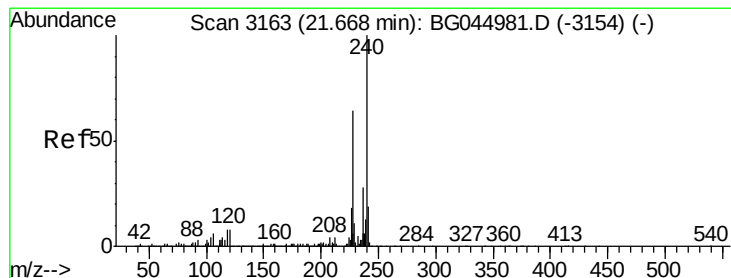
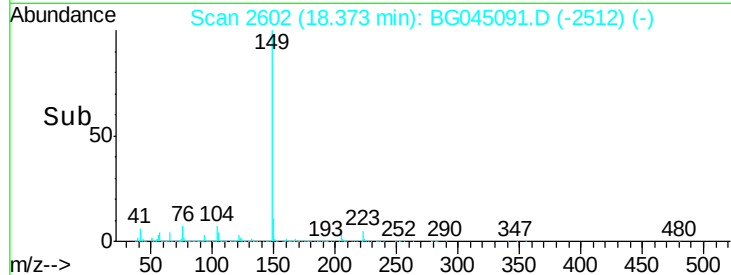
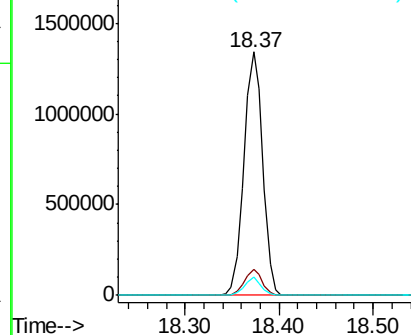
149 100

150 10.7 8.2 12.2

104 7.4 4.8 7.2#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG045091.D

Acq: 20 Apr 2020 11:47

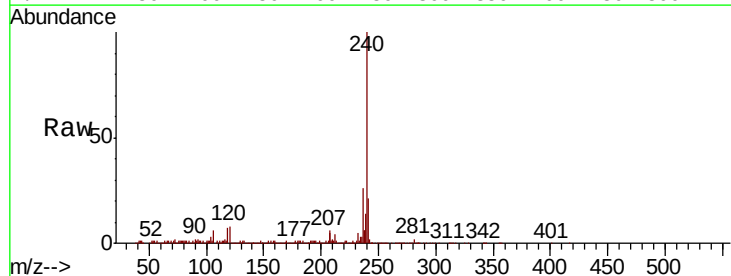
Tgt Ion:240 Resp: 451425

Ion Ratio Lower Upper

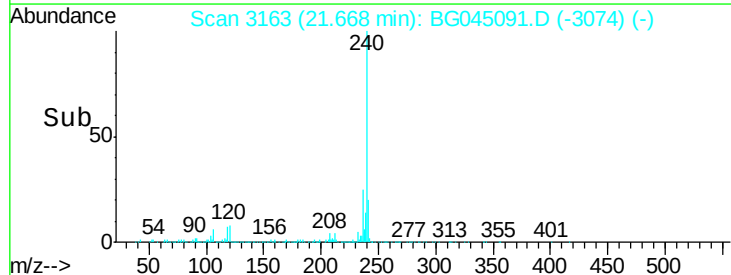
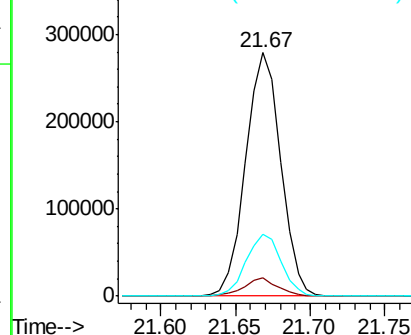
240 100

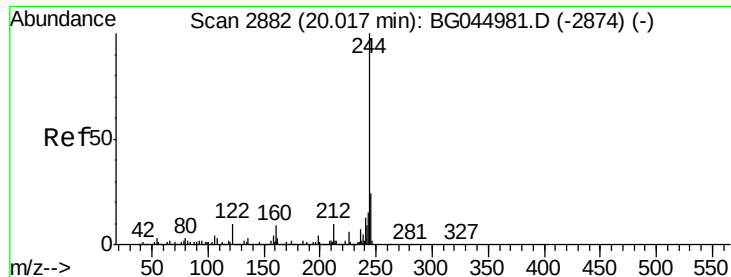
120 7.6 6.6 10.0

236 25.6 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: 13.056 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG045091.D

Acq: 20 Apr 2020 11:47

Instrument :

BNA_G

ClientSampled :

WC-B1DL

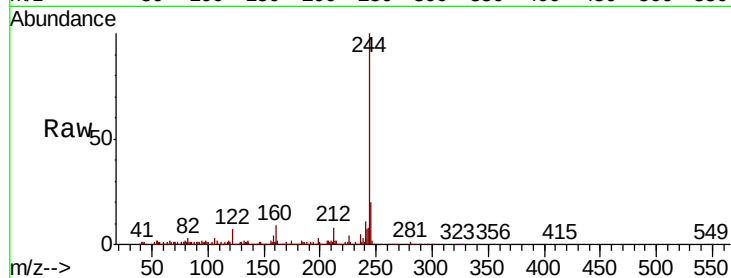
Tot Ion:244 Resp: 270408

Ion Ratio Lower Upper

244 100

212 8.3 7.9 11.9

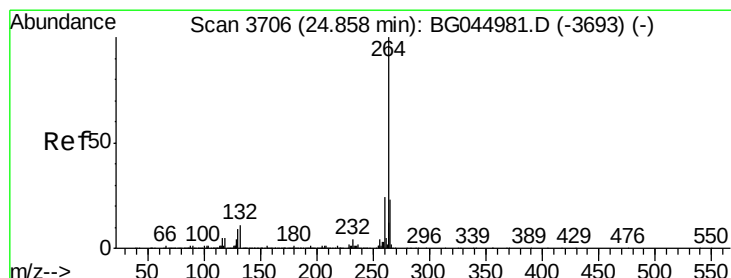
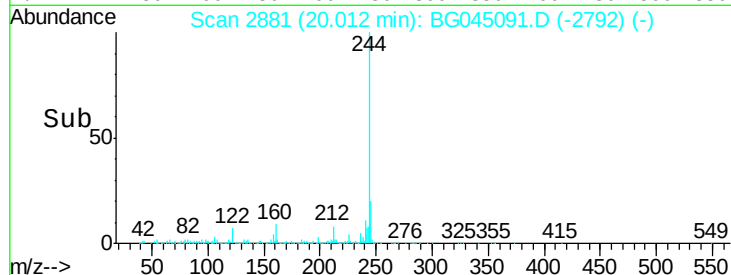
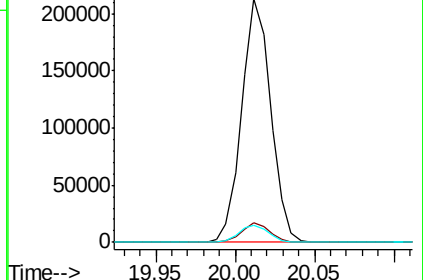
122 7.2 7.7 11.5#



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: 24.86 min Scan# 3707

Delta R.T. -0.00 min

Lab File: BG045091.D

Acq: 20 Apr 2020 11:47

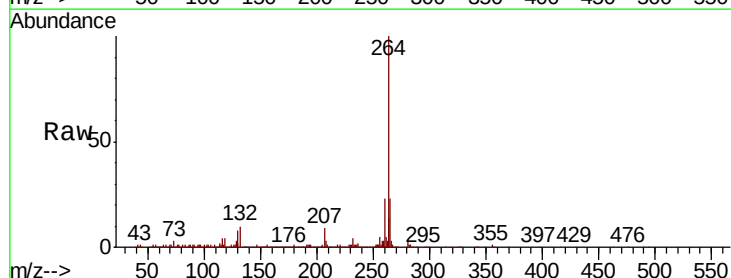
Tgt Ion:264 Resp: 494553

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 22.8 19.0 28.4



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

