

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040887.D
 Acq On : 11 May 2019 23:39
 Operator : HP/JU
 Sample : K2769-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB-190508

Quant Time: May 13 04:22:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	56406	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	218107	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	158434	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	436645	20.00	ng	-0.03
76) Chrysene-d12	21.78	240	465307	20.00	ng	-0.04
87) Perylene-d12	25.13	264	488459	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	208432	65.14	ng	-0.02
7) Phenol-d6	7.27	99	191566	38.88	ng	-0.03
23) Nitrobenzene-d5	9.31	82	463672	98.23	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	380927	174.92	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	1057515	96.40	ng	-0.03
79) Terphenyl-d14	20.10	244	2031204	96.71	ng	-0.03

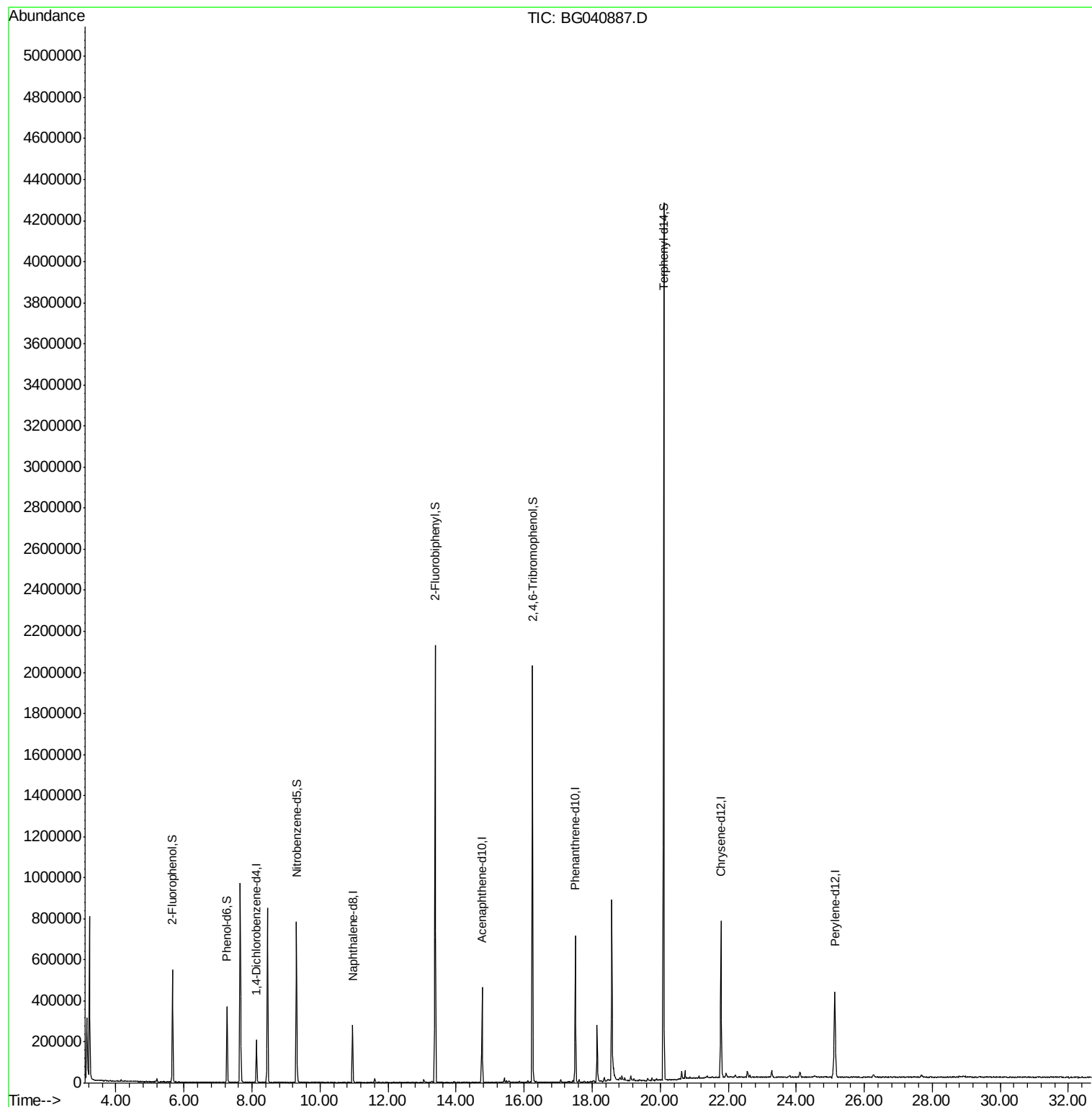
Target Compounds	Qvalue
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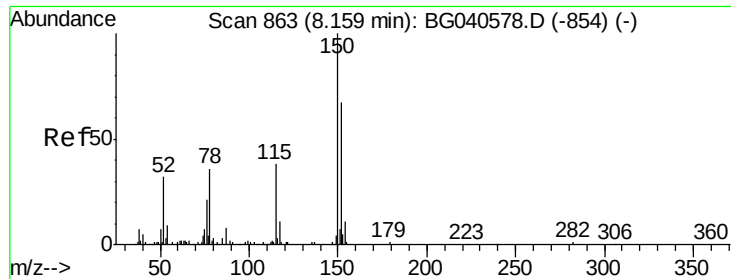
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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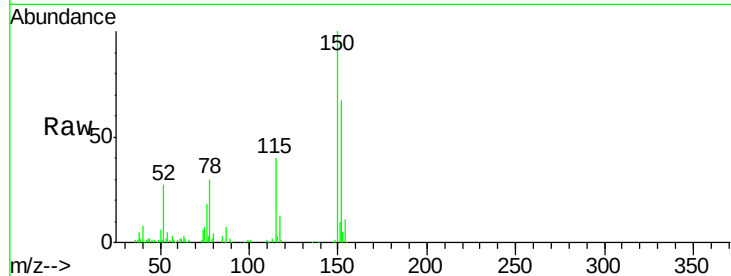


#1

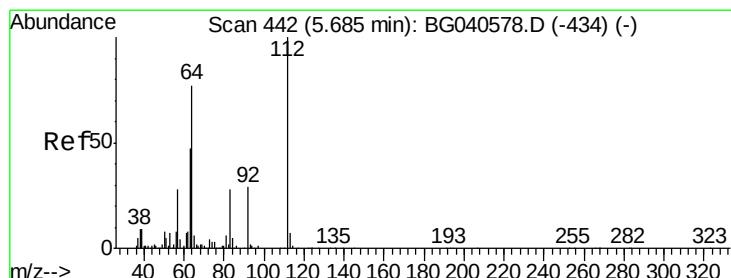
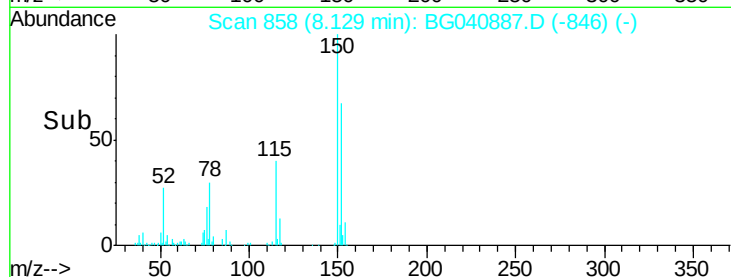
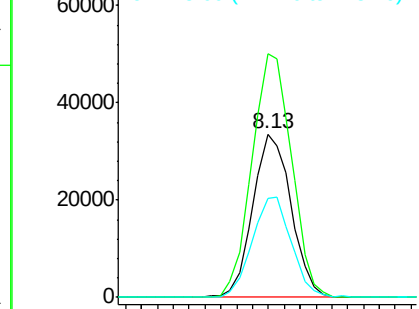
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040887.D
Acq: 11 May 2019 23:39

Instrument :
BNA_G
ClientSampleId :
RB-190508

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.0	120.2	180.2
115	60.3	46.2	69.2



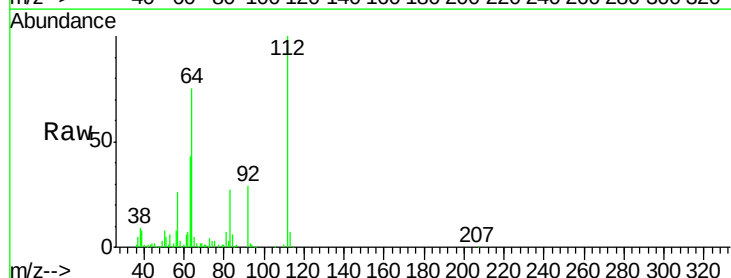
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



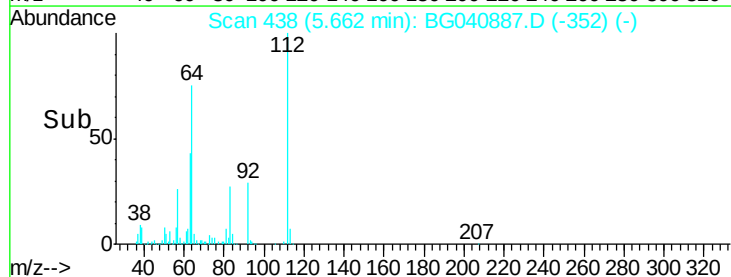
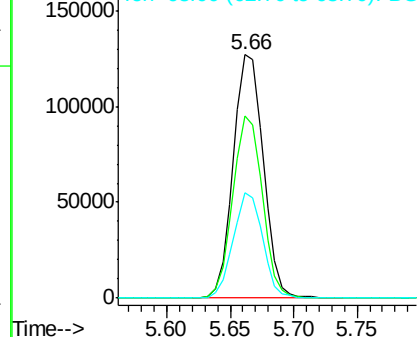
#5

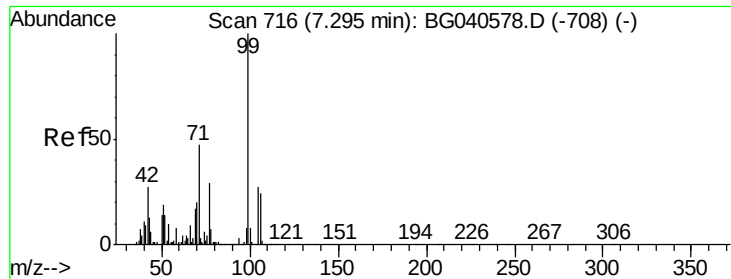
2-Fluorophenol
Concen: 65.138 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040887.D
Acq: 11 May 2019 23:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.6	61.4	92.0
63	43.4	37.8	56.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.882 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.03 min

Lab File: BG040887.D

Acq: 11 May 2019 23:39

Instrument :

BNA_G

ClientSampleId :

RB-190508

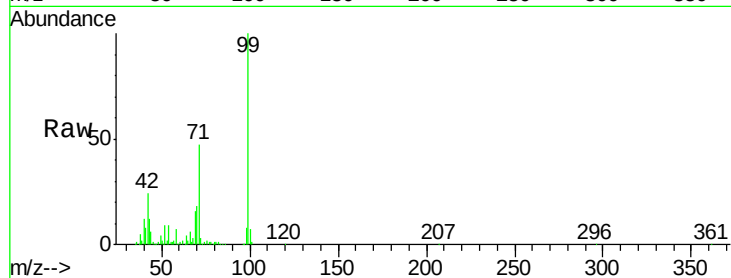
Tgt Ion: 99 Resp: 191566

Ion Ratio Lower Upper

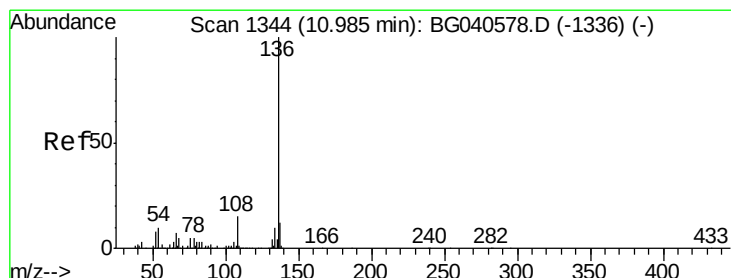
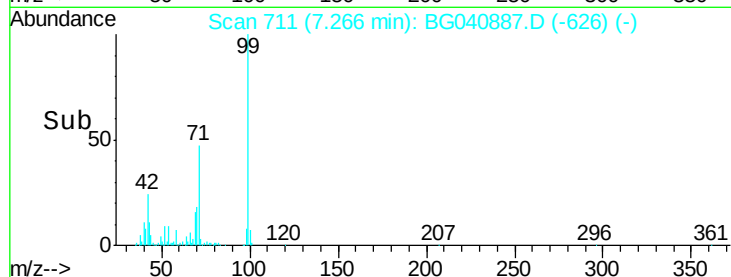
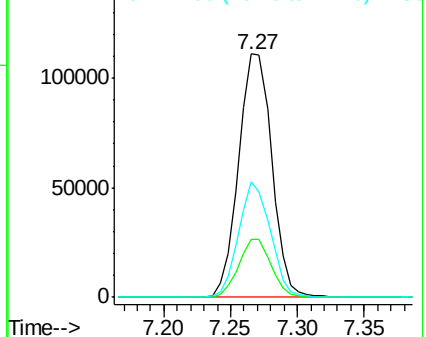
99 100

42 23.8 21.8 32.8

71 47.4 38.6 57.8



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: 10.96 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BG040887.D

Acq: 11 May 2019 23:39

Tgt Ion: 136 Resp: 218107

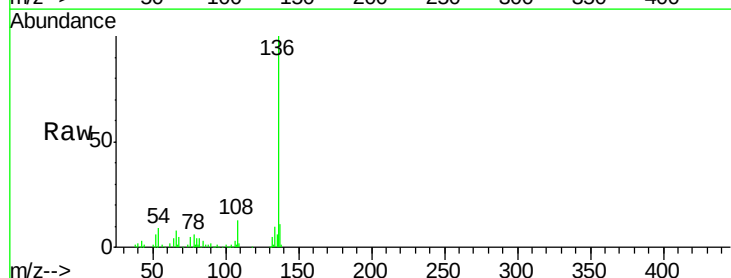
Ion Ratio Lower Upper

136 100

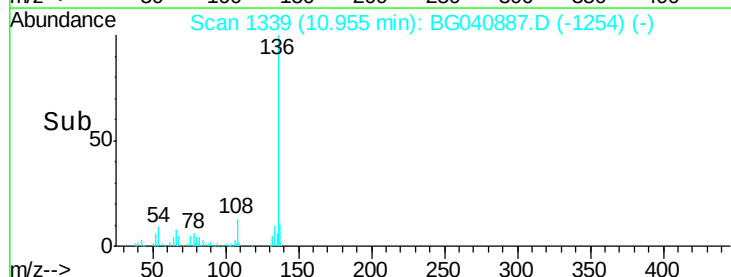
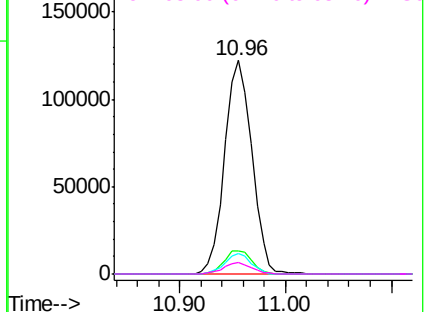
137 10.7 9.7 14.5

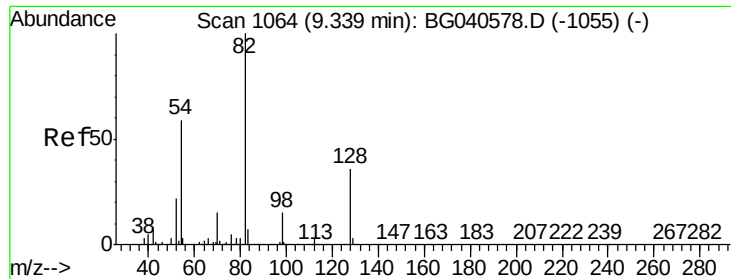
54 9.3 8.6 12.8

68 5.4 4.8 7.2



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

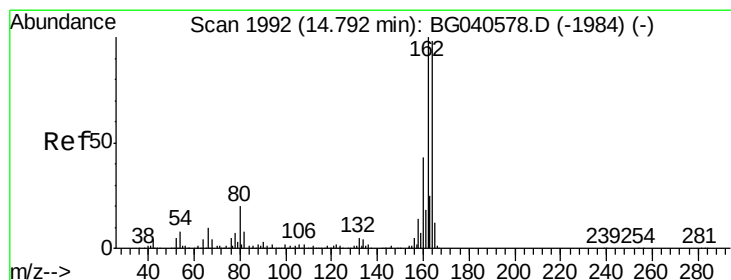
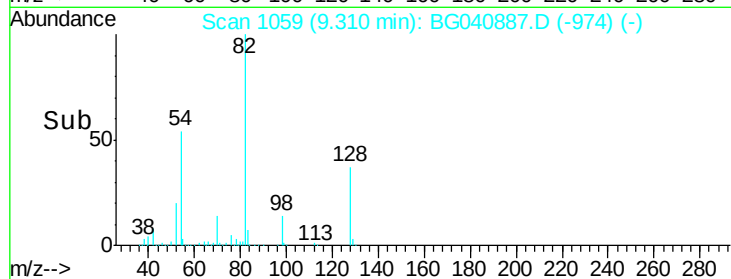
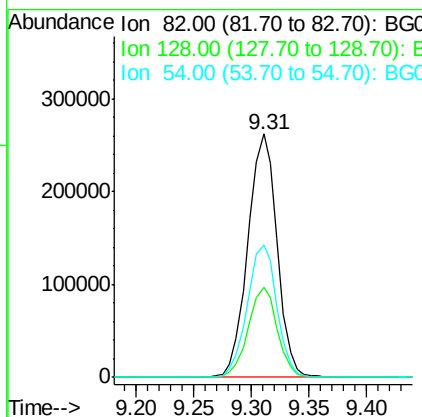
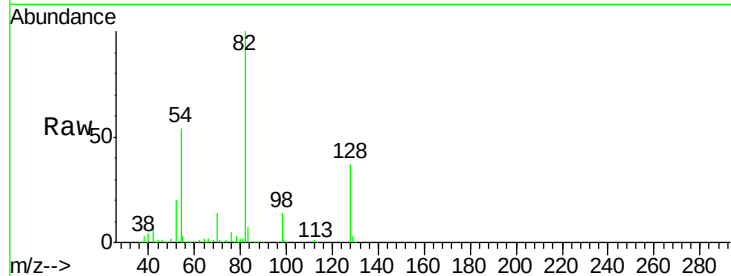




#23
 Nitrobenzene-d5
 Concen: 98.230 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. -0.03 min
 Lab File: BG040887.D
 Acq: 11 May 2019 23:39

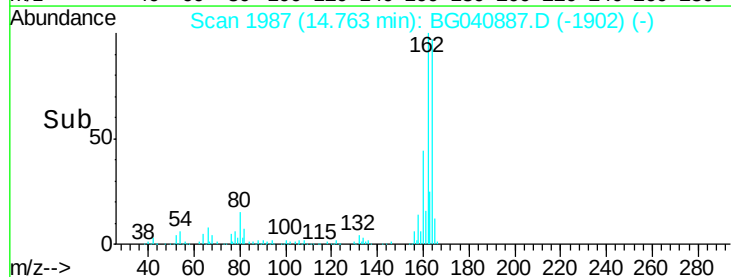
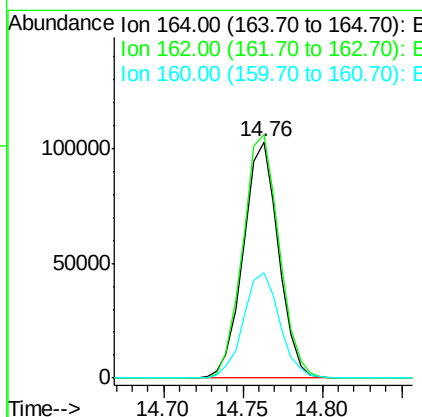
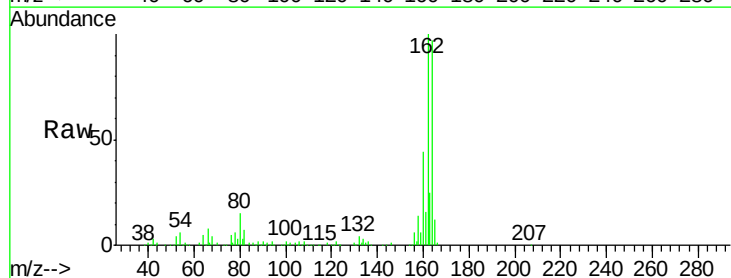
Instrument :
 BNA_G
 ClientSampleId :
 RB-190508

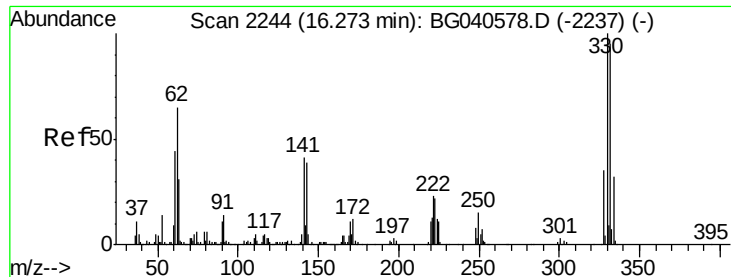
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.0	28.9	43.3
54	54.3	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.03 min
 Lab File: BG040887.D
 Acq: 11 May 2019 23:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.9	122.9
160	44.8	35.4	53.2

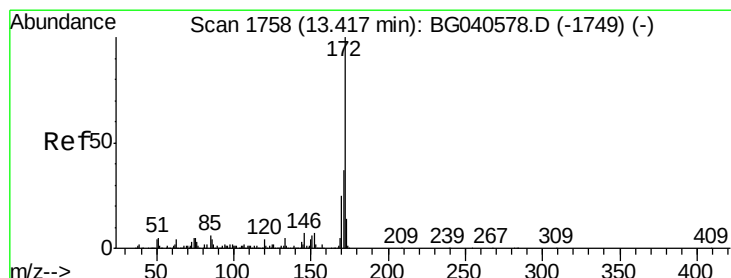
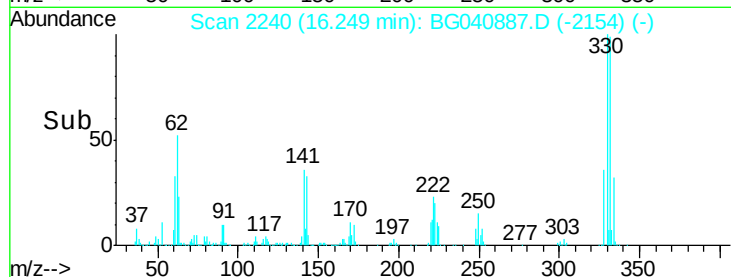
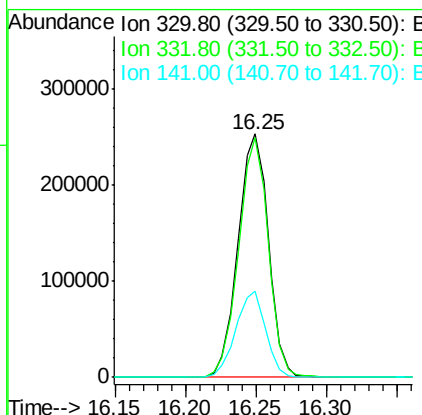
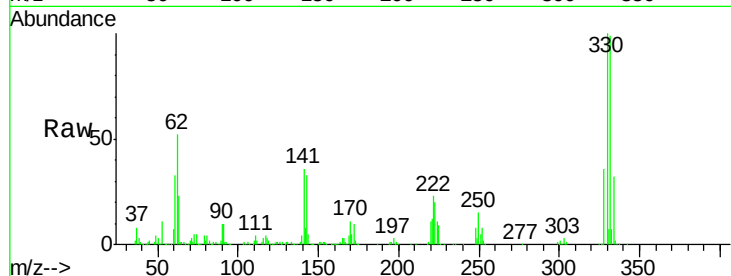




#42
 2,4,6-Tribromophenol
 Concen: 174.921 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.02 min
 Lab File: BG040887.D
 Acq: 11 May 2019 23:39

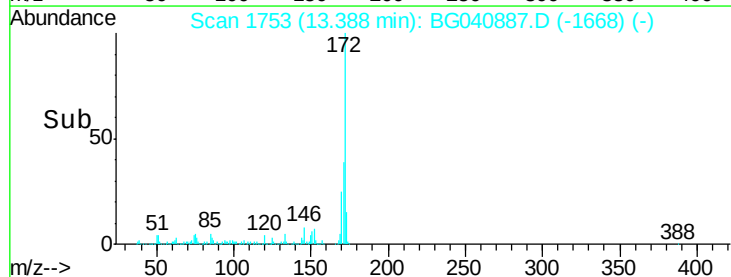
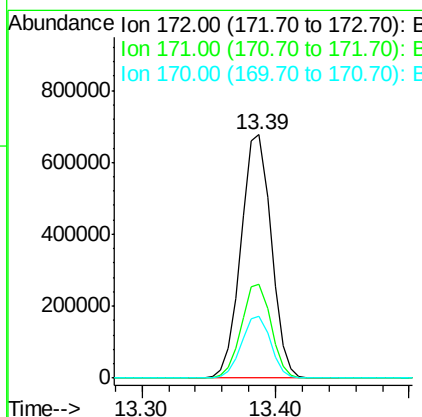
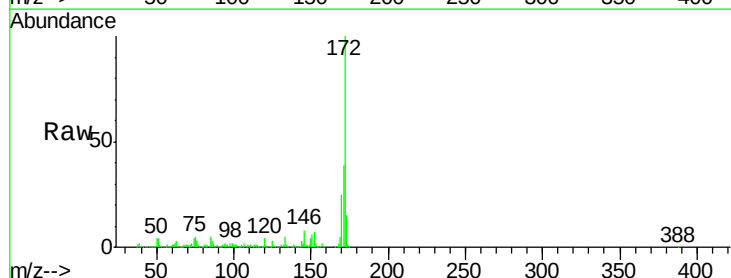
Instrument :
 BNA_G
 ClientSampleId :
 RB-190508

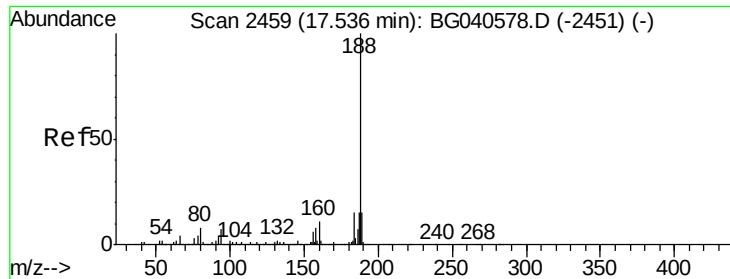
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.9	113.9
141	34.8	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 96.397 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040887.D
 Acq: 11 May 2019 23:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	29.4	44.2
170	25.2	19.9	29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BG040887.D

Acq: 11 May 2019 23:39

Instrument :

BNA_G

ClientSampleId :

RB-190508

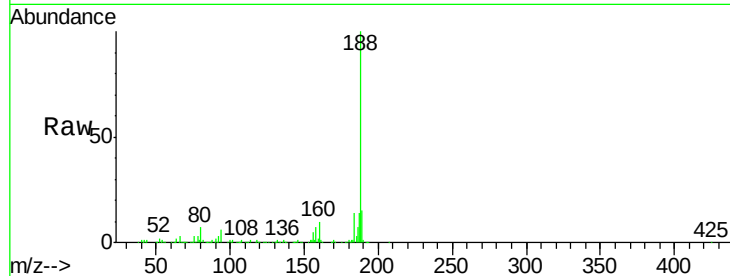
Tgt Ion:188 Resp: 436645

Ion Ratio Lower Upper

188 100

94 5.9 5.6 8.4

80 6.9 6.4 9.6



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

400000

300000

200000

100000

0

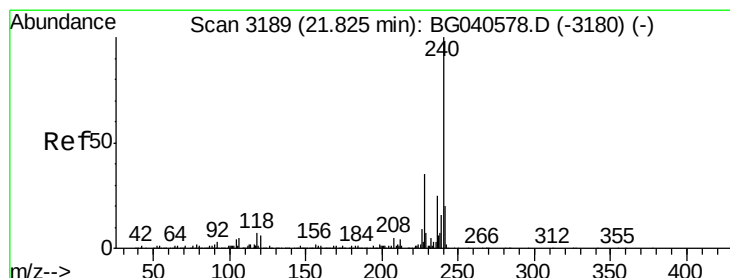
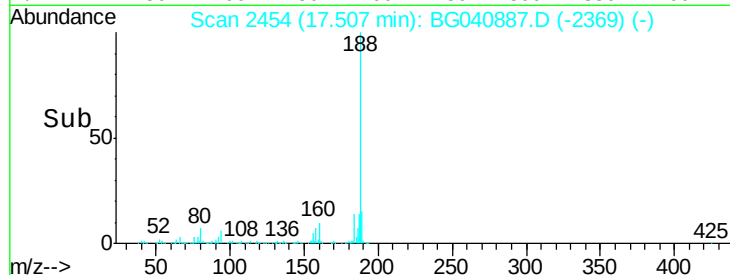
17.51

17.40

17.50

17.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.04 min

Lab File: BG040887.D

Acq: 11 May 2019 23:39

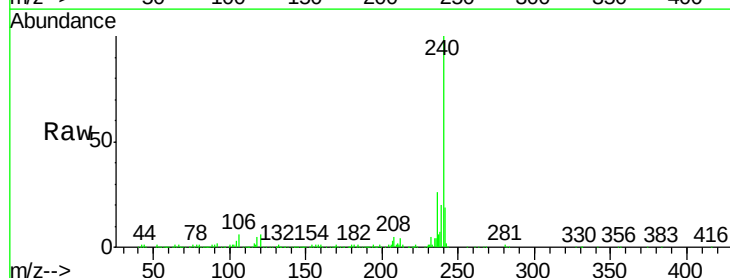
Tgt Ion:240 Resp: 465307

Ion Ratio Lower Upper

240 100

120 5.6 5.0 7.6

236 25.8 20.3 30.5



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

300000

200000

100000

0

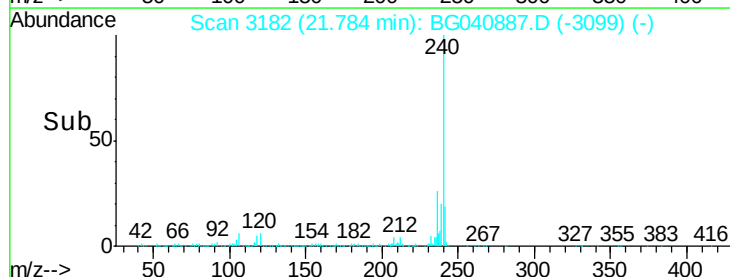
21.78

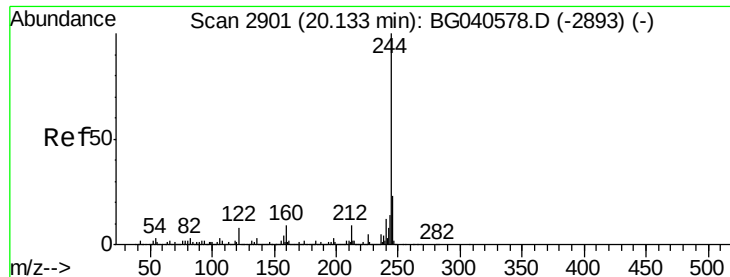
21.70

21.80

21.90

Time-->





#79

Terphenyl-d14

Concen: 96.710 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040887.D

Acq: 11 May 2019 23:39

Instrument :

BNA_G

ClientSampleId :

RB-190508

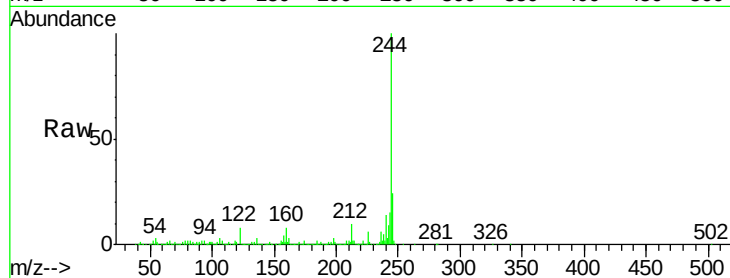
Tgt Ion:244 Resp: 2031204

Ion Ratio Lower Upper

244 100

212 9.8 7.2 10.8

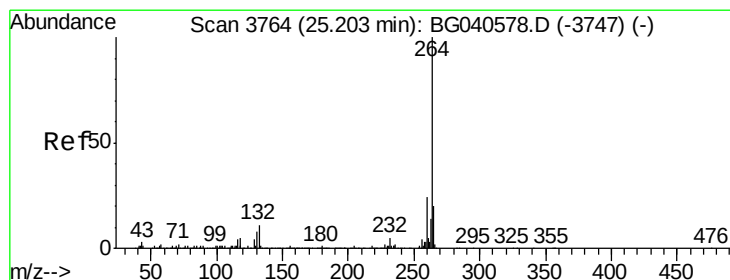
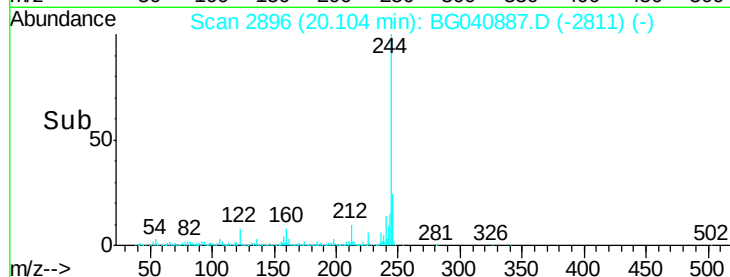
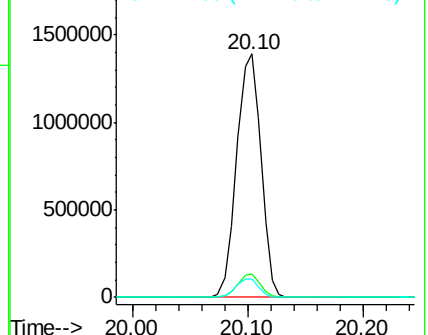
122 7.7 6.6 10.0



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: 25.13 min Scan# 3752

Delta R.T. -0.07 min

Lab File: BG040887.D

Acq: 11 May 2019 23:39

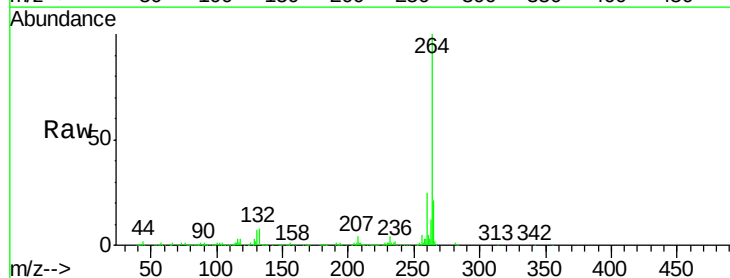
Tgt Ion:264 Resp: 488459

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 21.3 16.6 25.0



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

