

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040813.D
 Acq On : 9 May 2019 8:58
 Operator : HP/JU
 Sample : K2643-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-050719-A

Quant Time: May 09 11:32:28 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	8.14	152	43117	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	165976	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	125907	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	346032	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	322731	20.00	ng	-0.03
87) Perylene-d12	25.16	264	216938	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	382056	156.20	ng	-0.01
7) Phenol-d6	7.28	99	519825	138.03	ng	-0.02
23) Nitrobenzene-d5	9.32	82	427840	119.11	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	262909	151.92	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	961425	110.28	ng	-0.02
79) Terphenyl-d14	20.11	244	1901638	130.54	ng	-0.02

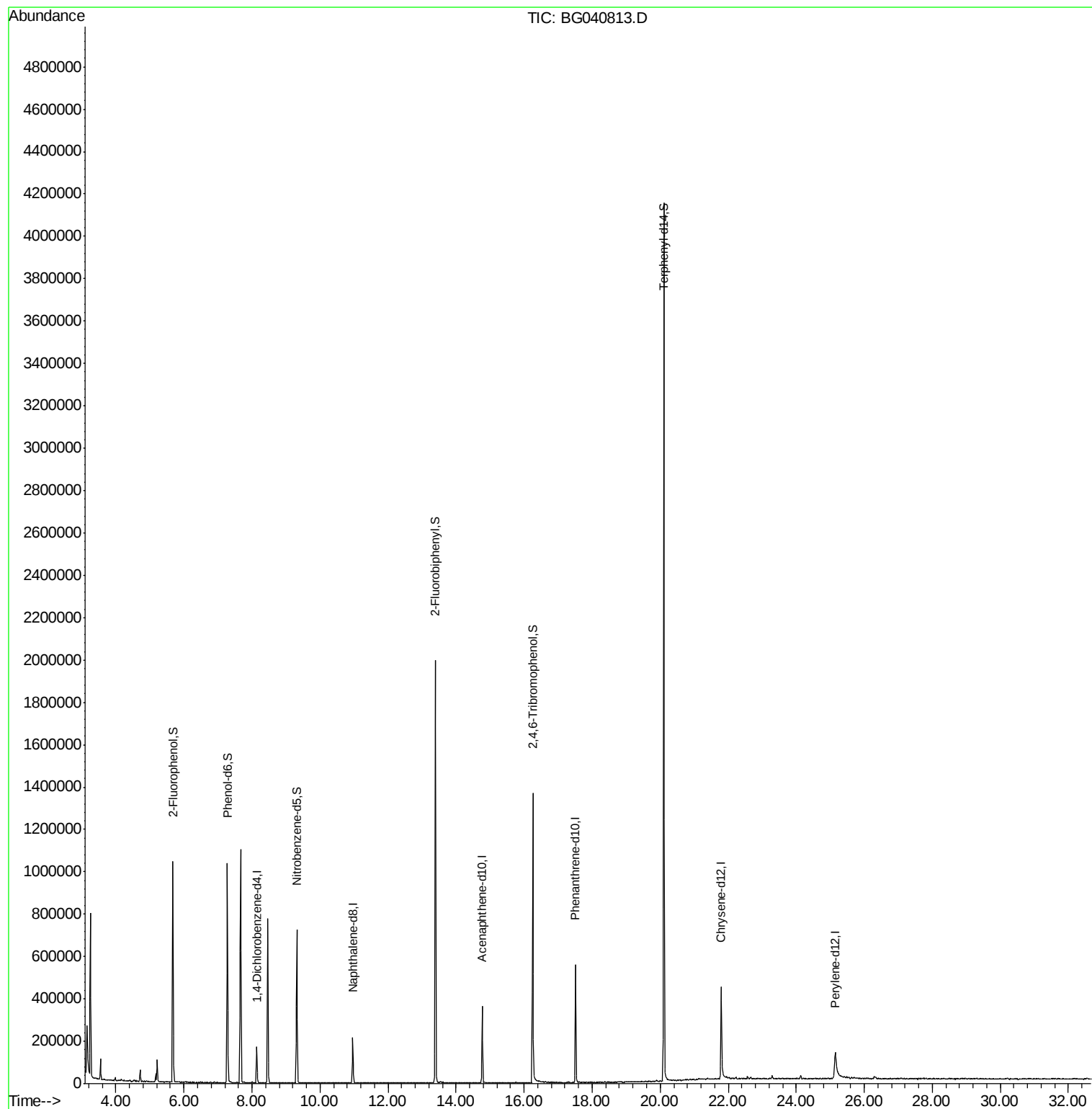
Target Compounds Qvalue

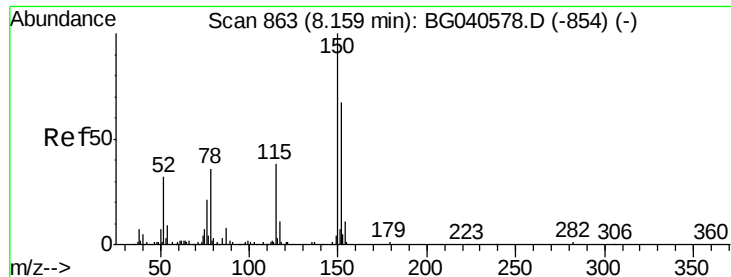
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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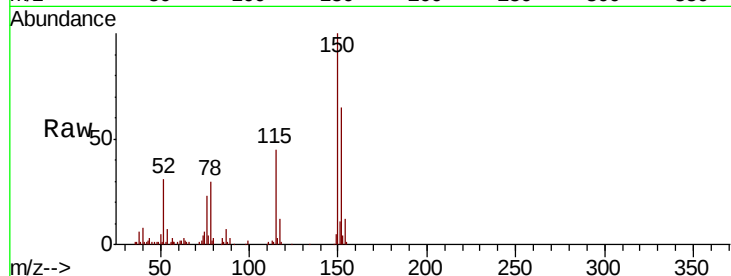


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040813.D
Acq: 9 May 2019 8:58

Instrument :
BNA_G
ClientSampleId :
OR-03-050719-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	120.2	180.2
115	68.2	46.2	69.2

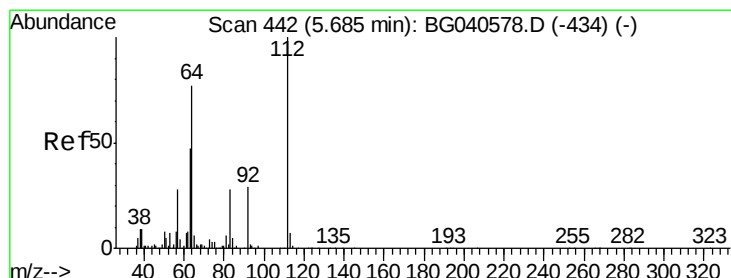
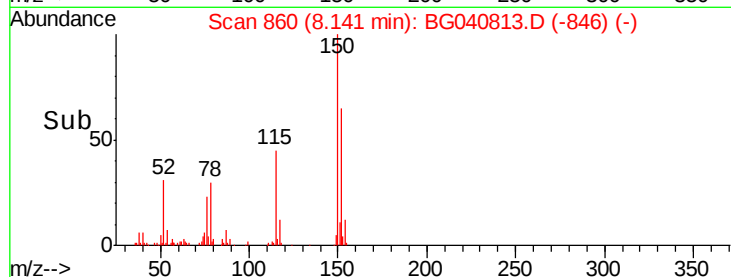
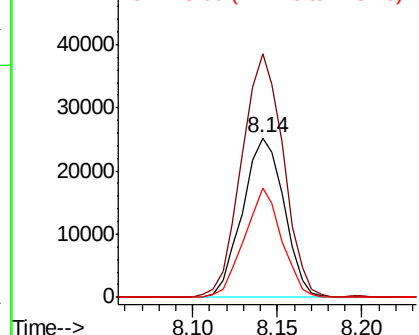


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

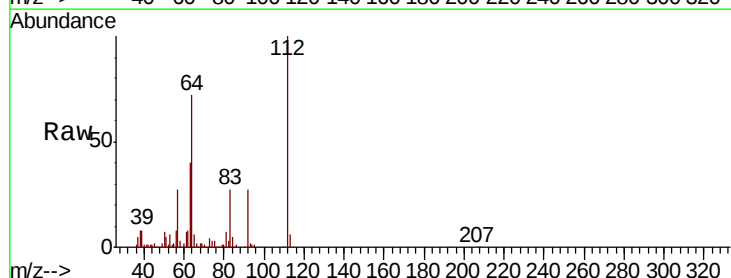
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 156.197 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040813.D
Acq: 9 May 2019 8:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.8	61.4	92.0
63	40.4	37.8	56.6

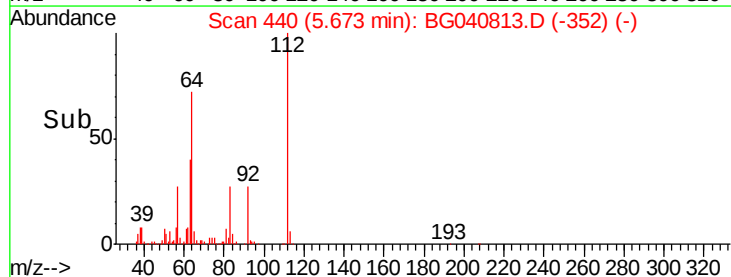
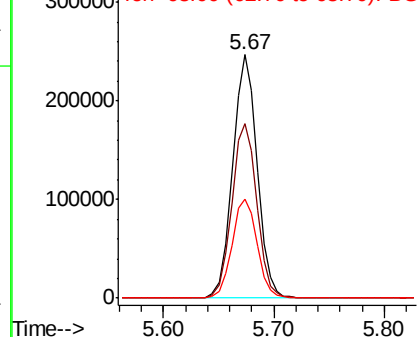


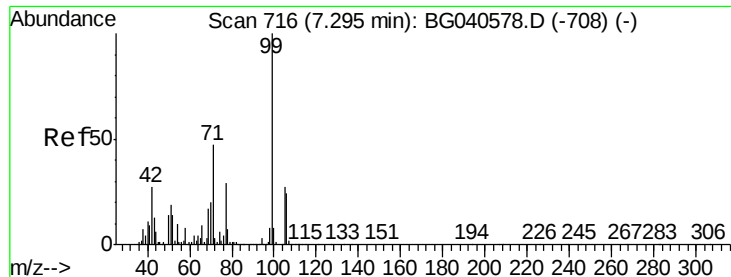
Abundance

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: 138.026 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040813.D

Acq: 9 May 2019 8:58

Instrument :

BNA_G

ClientSampleId :

OR-03-050719-A

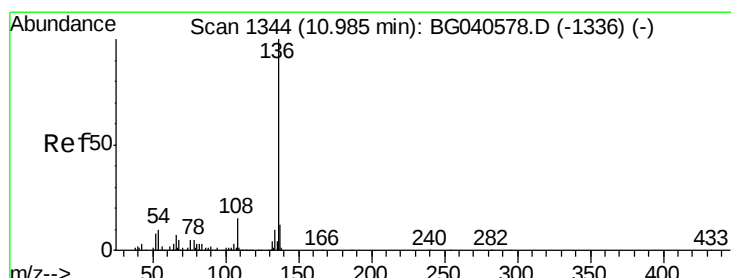
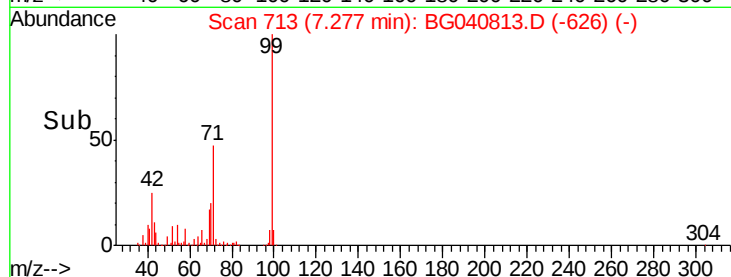
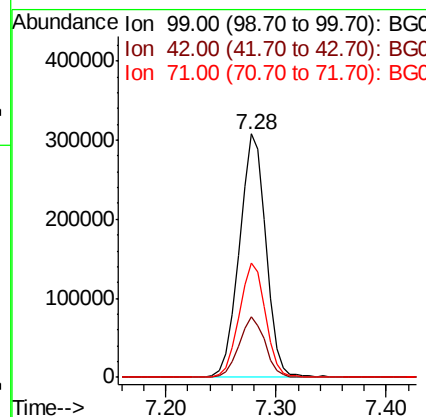
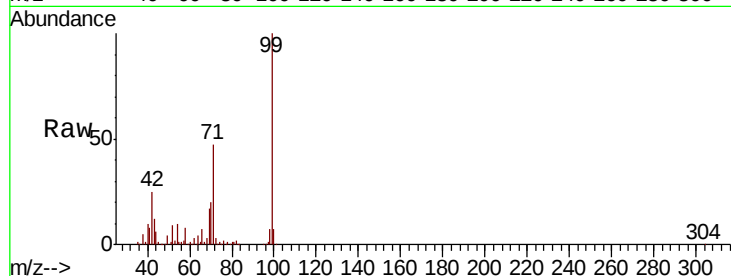
Tot Ion: 99 Resp: 519825

Ion Ratio Lower Upper

99 100

42 25.1 21.8 32.8

71 46.8 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BG040813.D

Acq: 9 May 2019 8:58

Tgt Ion: 136 Resp: 165976

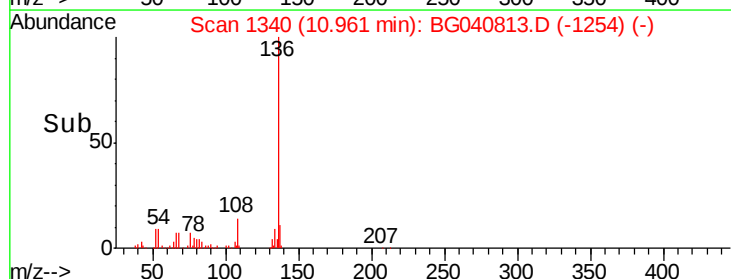
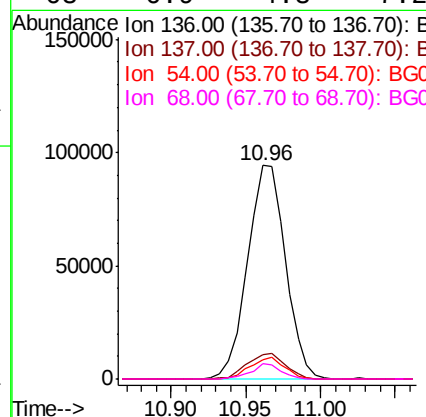
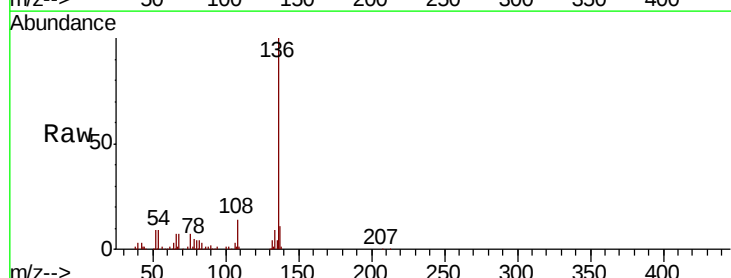
Ion Ratio Lower Upper

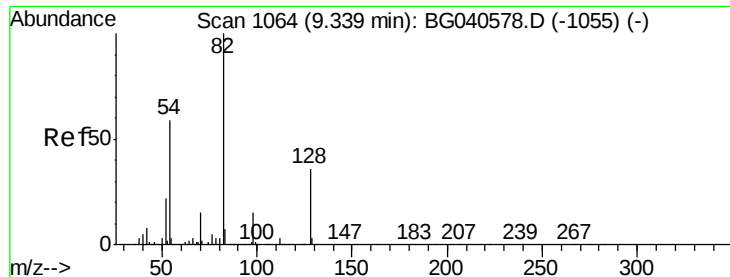
136 100

137 11.4 9.7 14.5

54 9.3 8.6 12.8

68 6.9 4.8 7.2

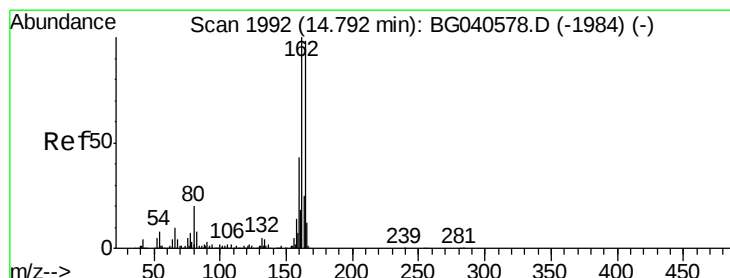
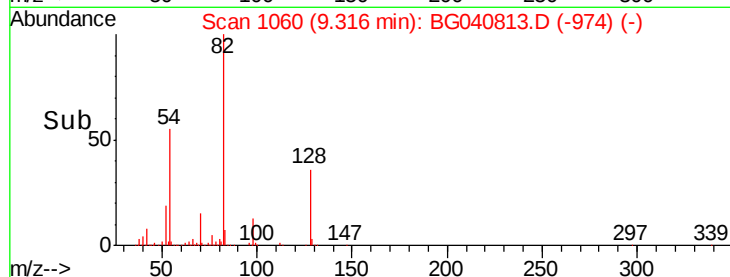
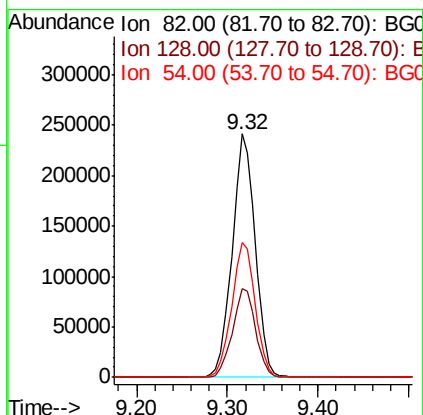
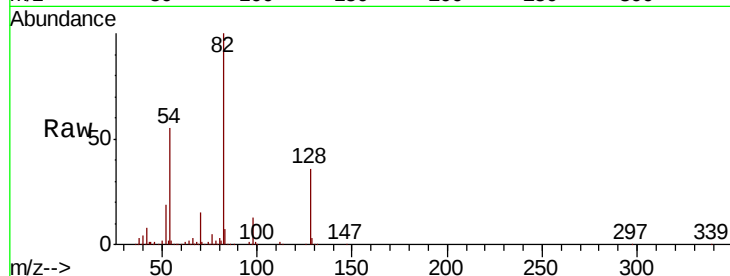




#23
Nitrobenzene-d5
Concen: 119.107 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040813.D
Acq: 9 May 2019 8:58

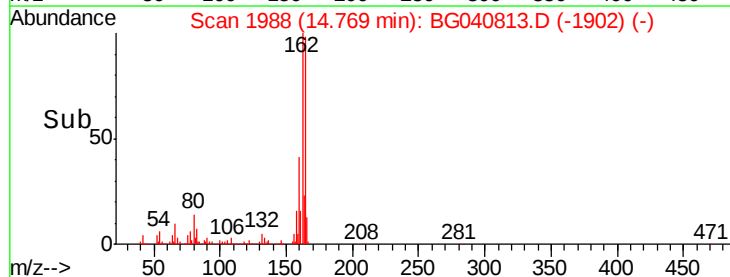
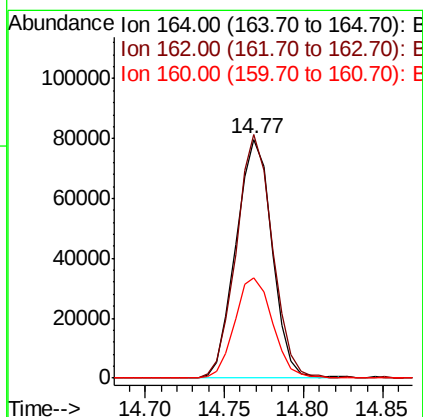
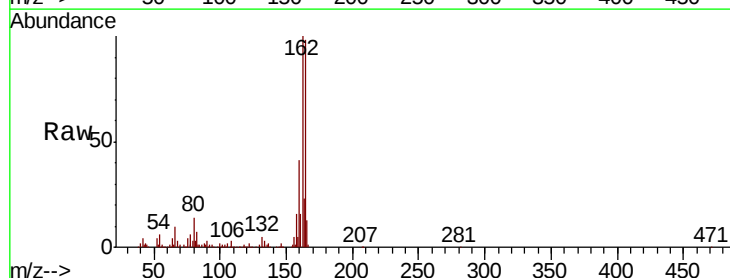
Instrument :
BNA_G
ClientSampleId :
OR-03-050719-A

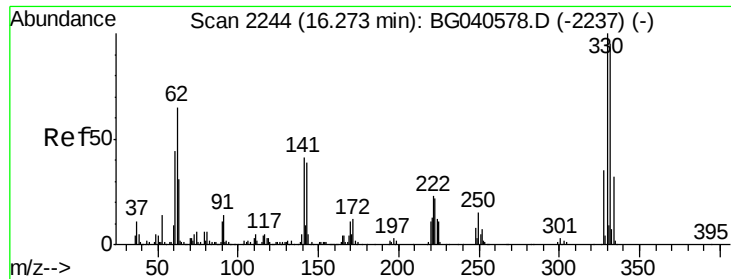
Tot Ion	82	Resp	427840
Ion Ratio	Lower	Upper	
82	100		
128	36.3	28.9	43.3
54	55.2	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040813.D
Acq: 9 May 2019 8:58

Tgt Ion	164	Resp	125907
Ion Ratio	Lower	Upper	
164	100		
162	102.0	81.9	122.9
160	42.0	35.4	53.2

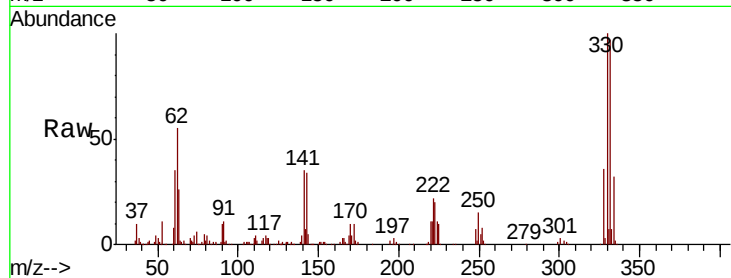




#42
 2,4,6-Tribromophenol
 Concen: 151.916 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040813.D
 Acq: 9 May 2019 8:58

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-050719-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.9	113.9
141	35.8	32.4	48.6

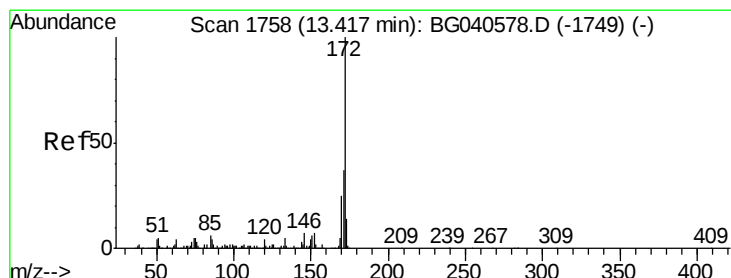
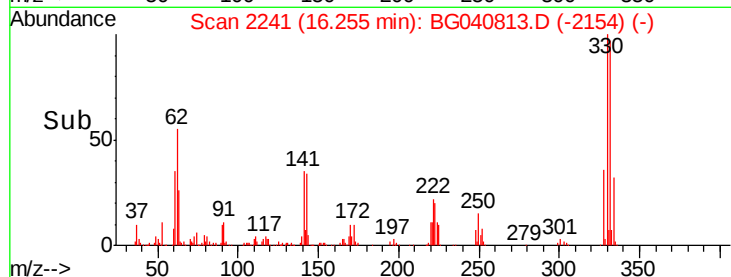
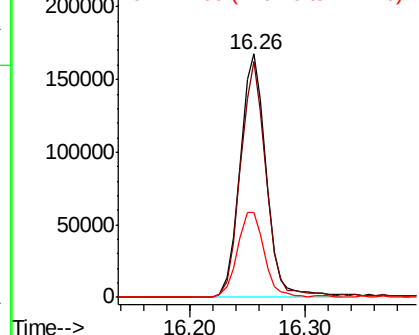


Abundance

Ion 329.80 (329.50 to 330.50): E

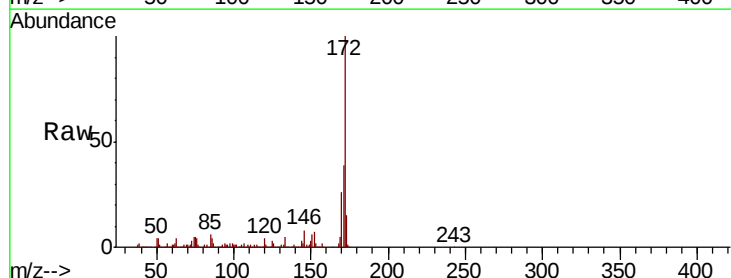
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 110.279 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040813.D
 Acq: 9 May 2019 8:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.4	44.2
170	25.5	19.9	29.9

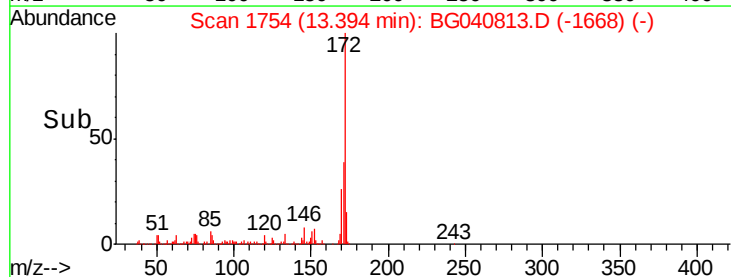
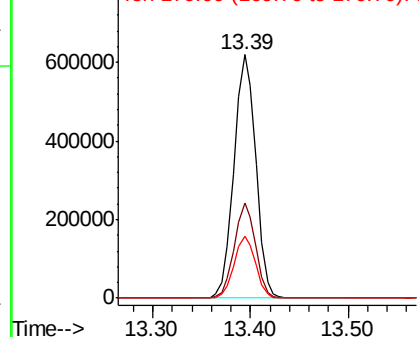


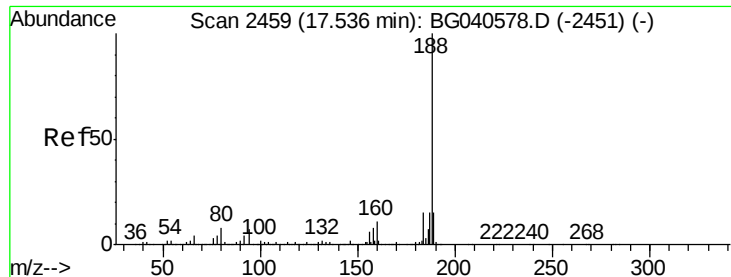
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040813.D

Acq: 9 May 2019 8:58

Instrument :

BNA_G

ClientSampleId :

OR-03-050719-A

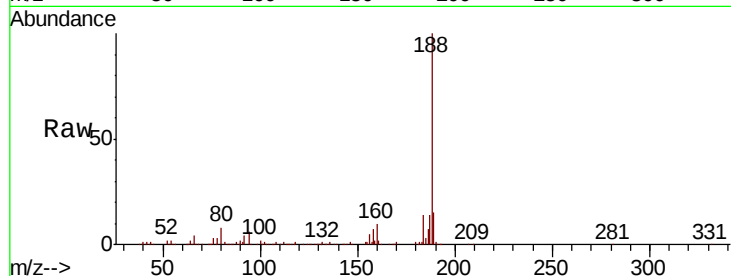
Tot Ion:188 Resp: 346032

Ion Ratio Lower Upper

188 100

94 5.7 5.6 8.4

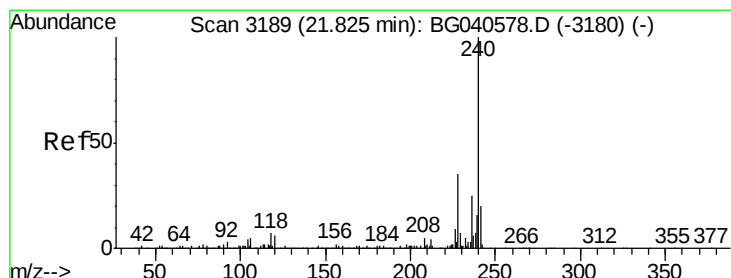
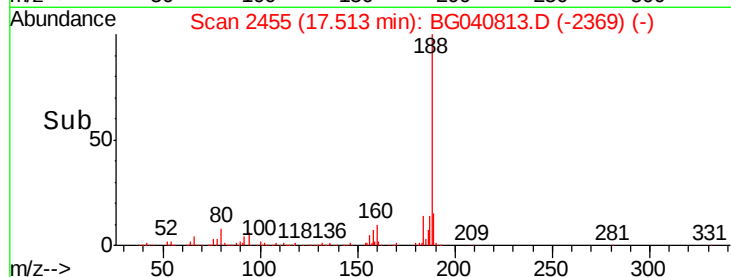
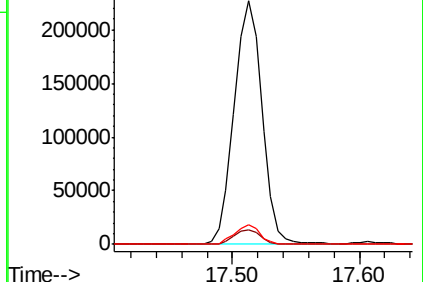
80 8.0 6.4 9.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040813.D

Acq: 9 May 2019 8:58

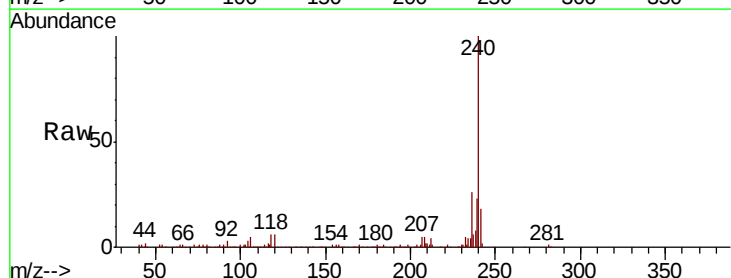
Tgt Ion:240 Resp: 322731

Ion Ratio Lower Upper

240 100

120 5.7 5.0 7.6

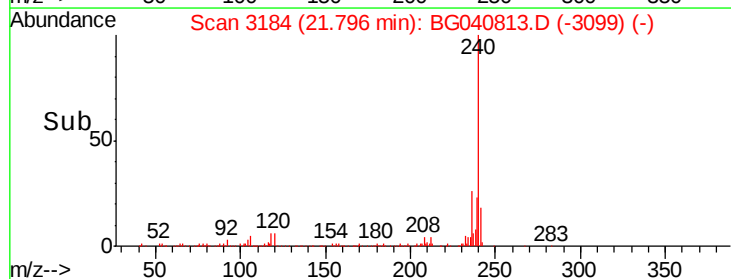
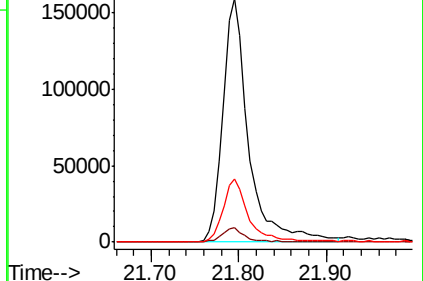
236 26.1 20.3 30.5

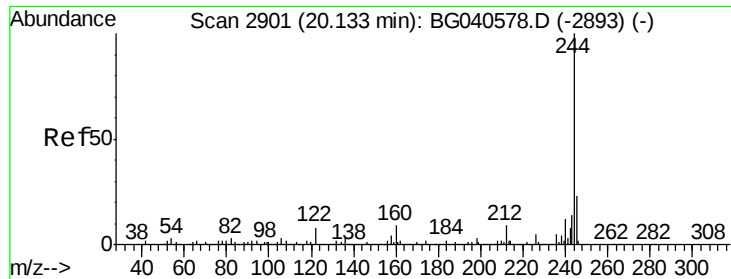


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 130.540 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040813.D

Acq: 9 May 2019 8:58

Instrument :

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ClientSampleId :

OR-03-050719-A

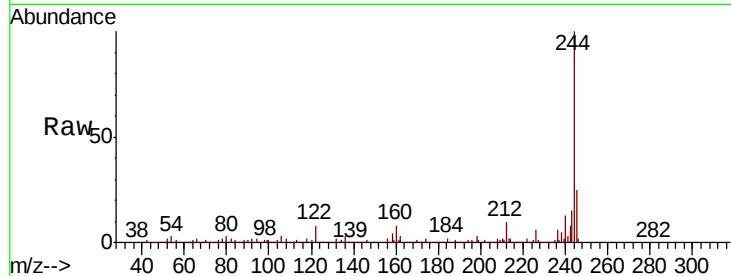
Tot Ion:244 Resp: 1901638

Ion Ratio Lower Upper

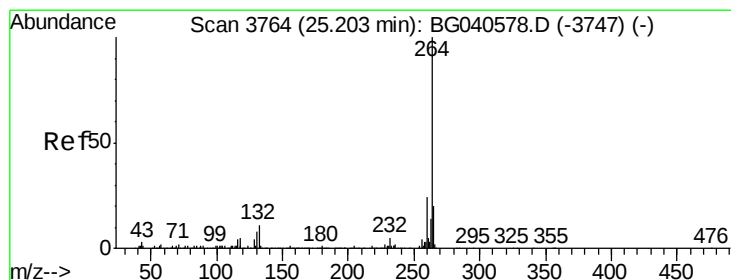
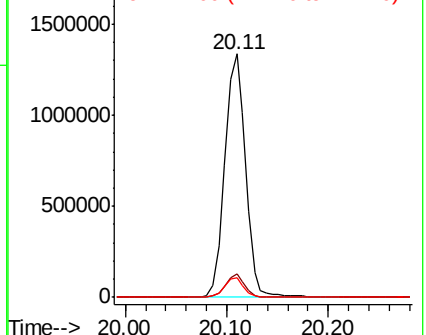
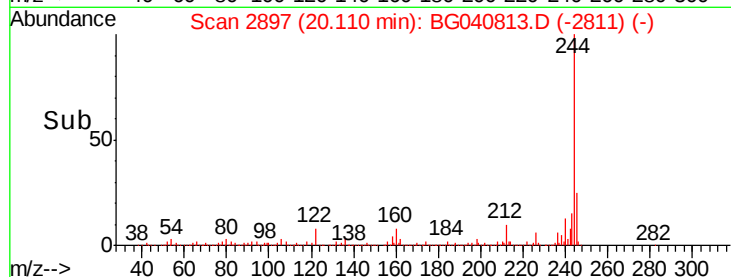
244 100

212 9.5 7.2 10.8

122 7.9 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: 25.16 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040813.D

Acq: 9 May 2019 8:58

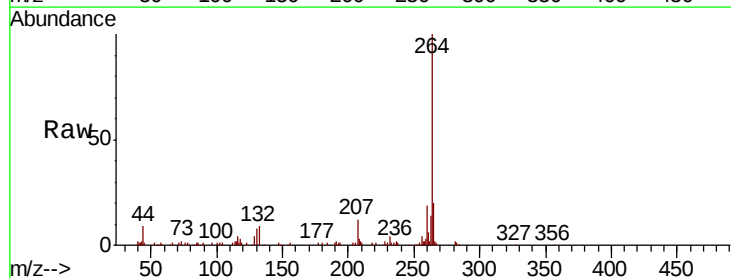
Tgt Ion:264 Resp: 216938

Ion Ratio Lower Upper

264 100

260 19.5 19.2 28.8

265 20.0 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

