

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040809.D
 Acq On : 9 May 2019 6:27
 Operator : HP/JU
 Sample : K2641-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-C

Quant Time: May 09 08:00:58 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	43958	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	168649	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	123833	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	347851	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	332180	20.00	ng	-0.03
87) Perylene-d12	25.14	264	231585	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	370373	148.52	ng	-0.01
7) Phenol-d6	7.28	99	501254	130.55	ng	-0.02
23) Nitrobenzene-d5	9.32	82	422141	115.66	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	285564	167.77	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	893461	104.20	ng	-0.02
79) Terphenyl-d14	20.11	244	1887607	125.89	ng	-0.02

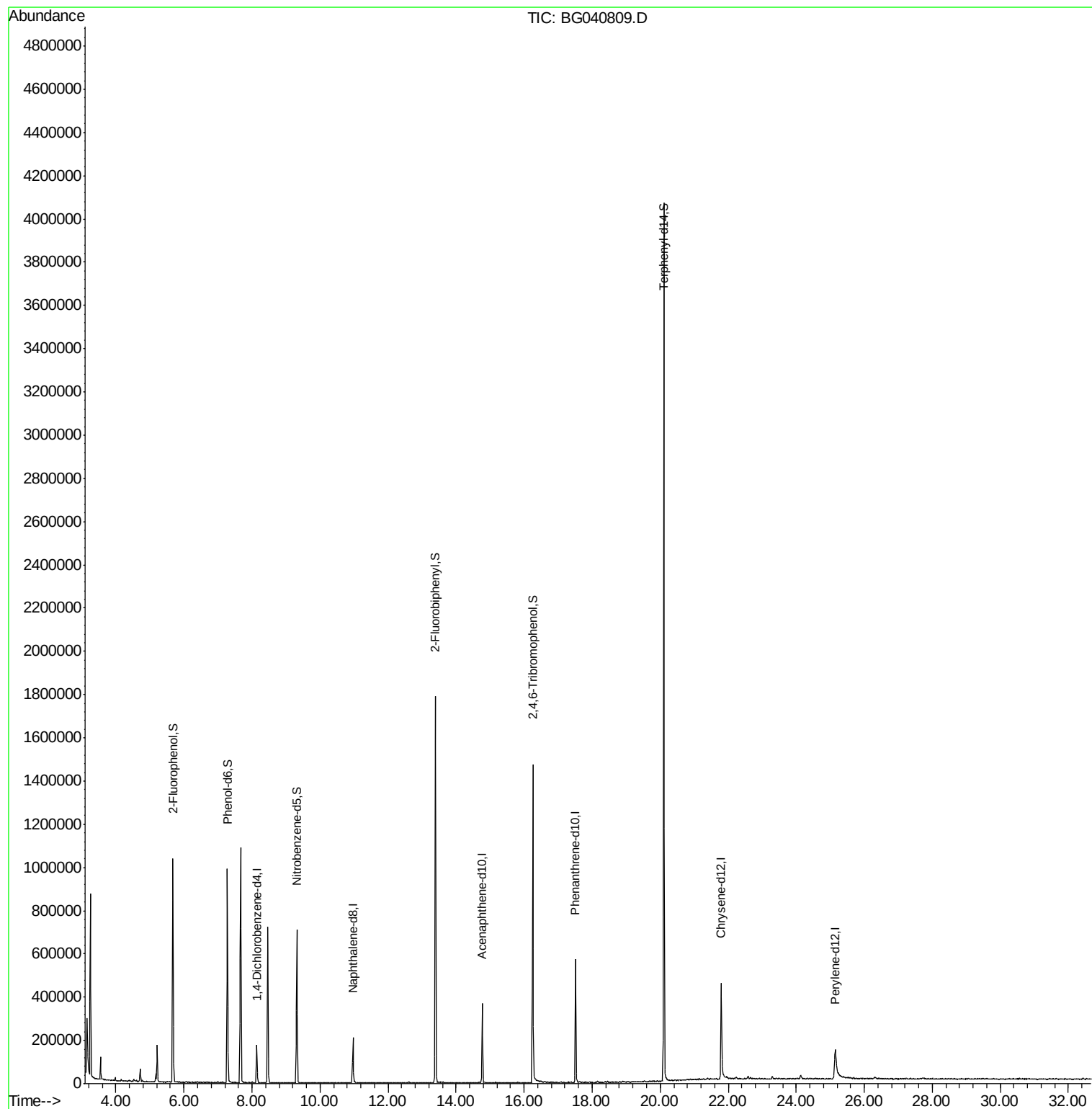
Target Compounds Qvalue

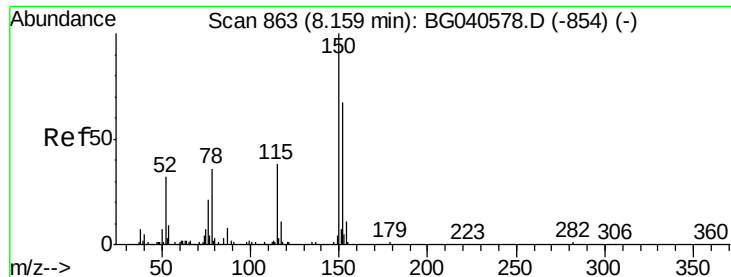
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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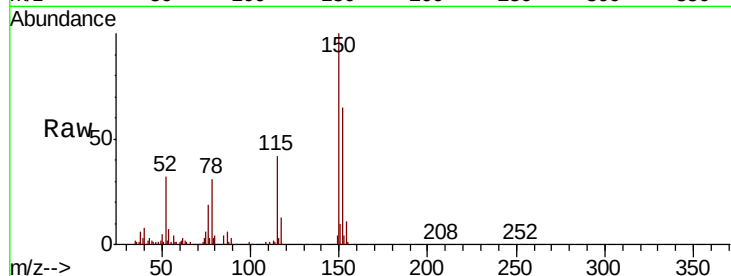


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040809.D
Acq: 9 May 2019 6:27

Instrument :
BNA_G
ClientSampleId :
CL-02-050719-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	120.2	180.2
115	64.2	46.2	69.2

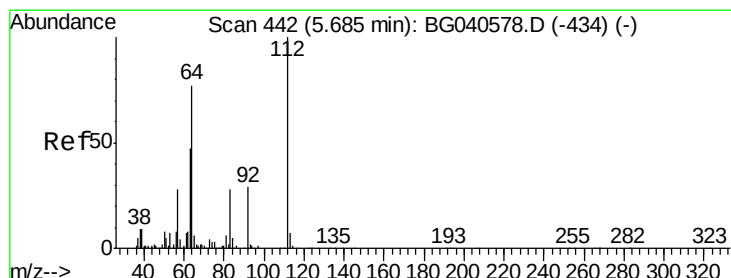
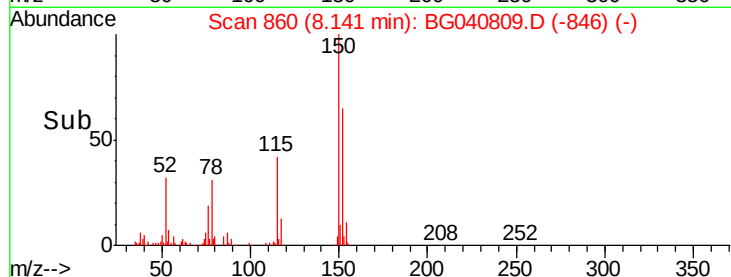
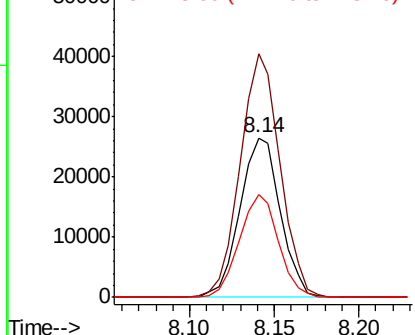


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

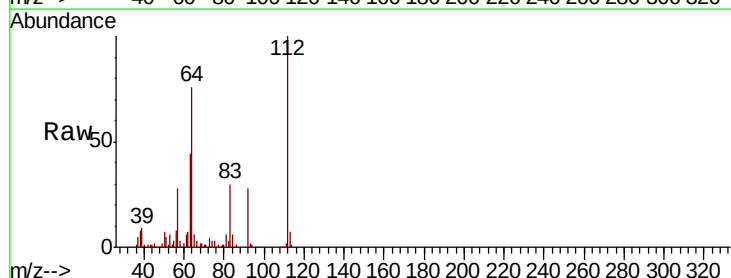
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 148.524 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040809.D
Acq: 9 May 2019 6:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.7	61.4	92.0
63	43.9	37.8	56.6

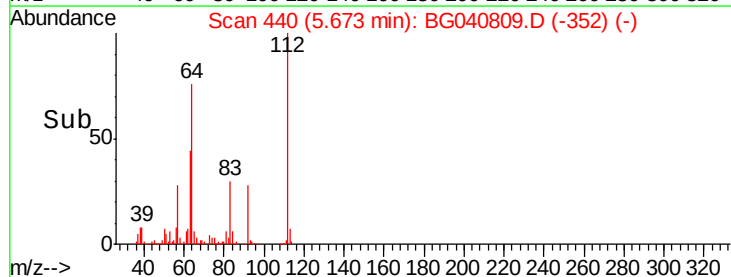
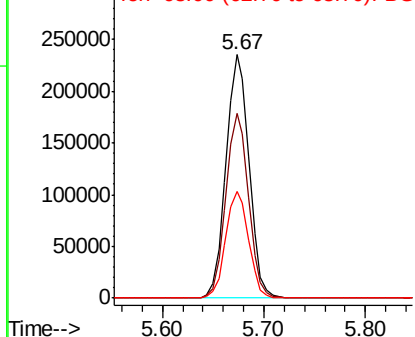


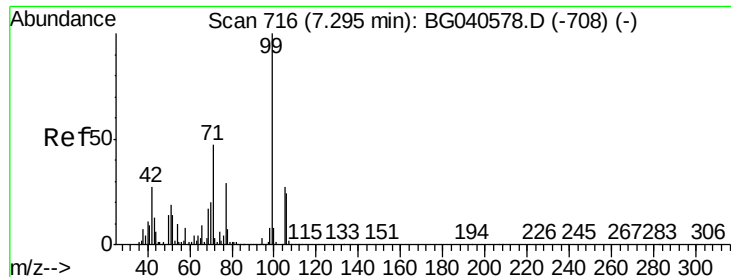
Abundance

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: 130.549 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040809.D

Acq: 9 May 2019 6:27

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-C

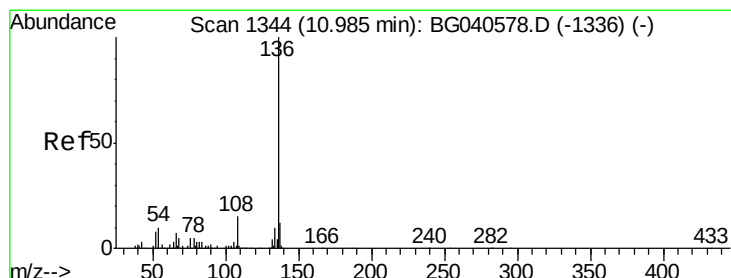
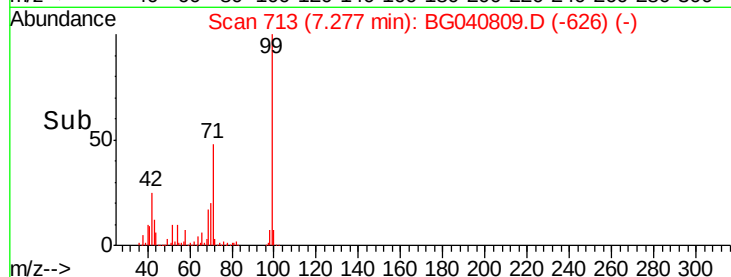
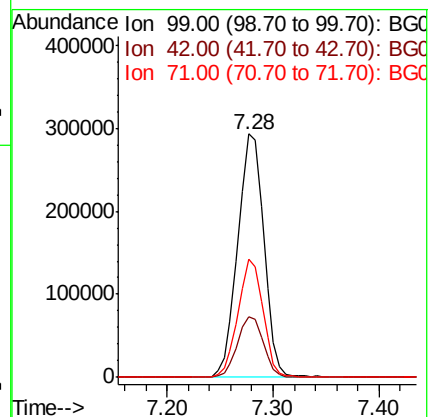
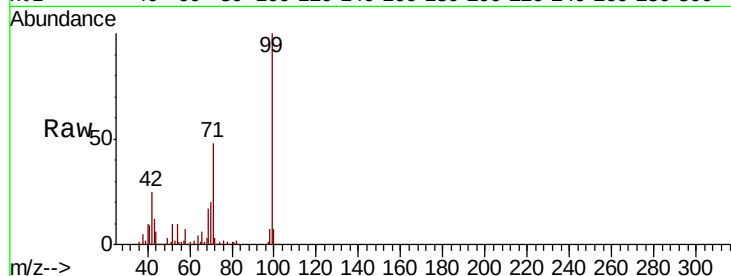
Tot Ion: 99 Resp: 501254

Ion Ratio Lower Upper

99 100

42 24.7 21.8 32.8

71 48.4 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040809.D

Acq: 9 May 2019 6:27

Tgt Ion: 136 Resp: 168649

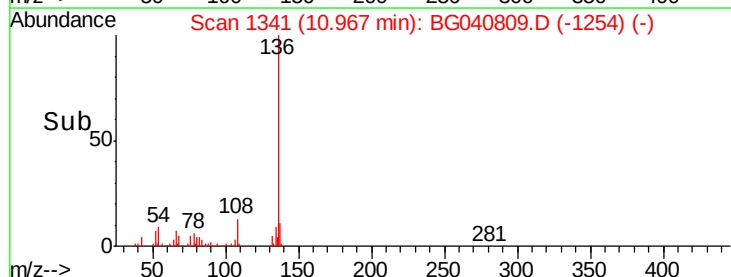
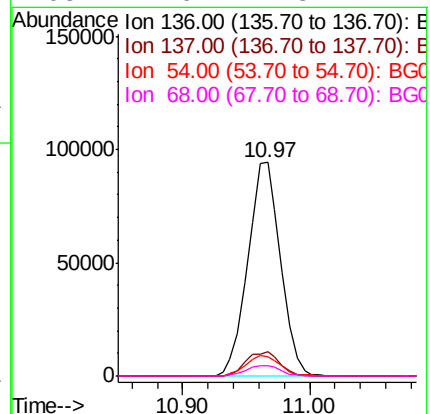
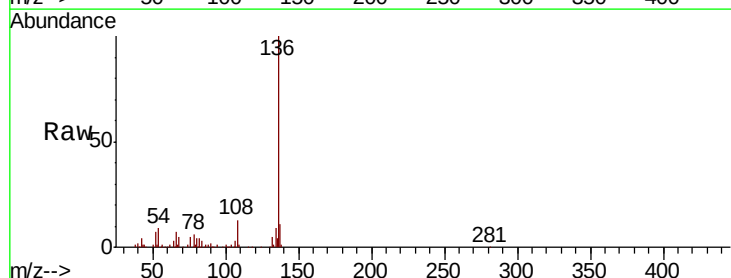
Ion Ratio Lower Upper

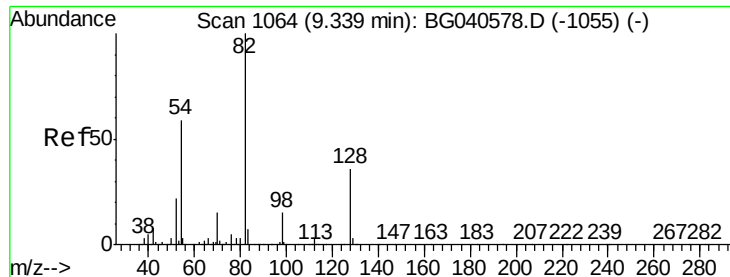
136 100

137 11.3 9.7 14.5

54 8.9 8.6 12.8

68 4.6 4.8 7.2#

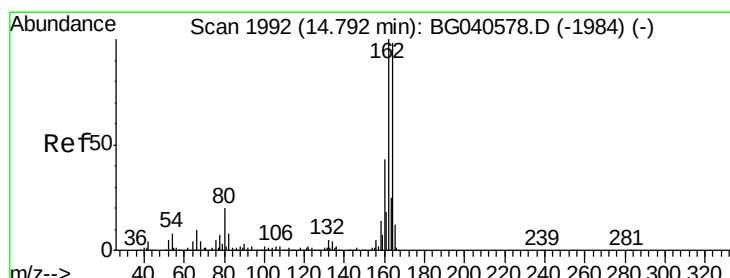
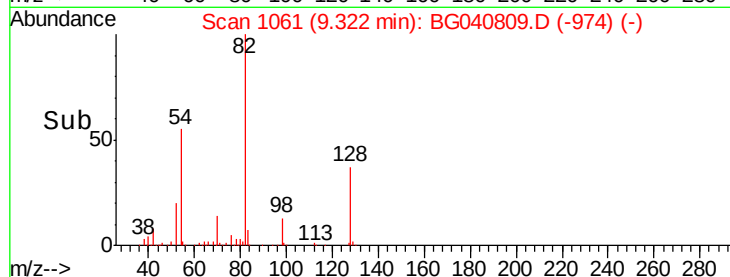
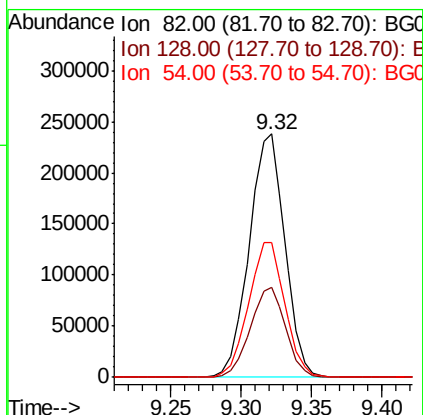
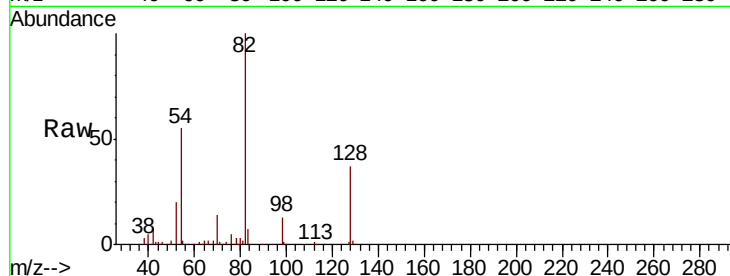




#23
Nitrobenzene-d5
Concen: 115.658 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040809.D
Acq: 9 May 2019 6:27

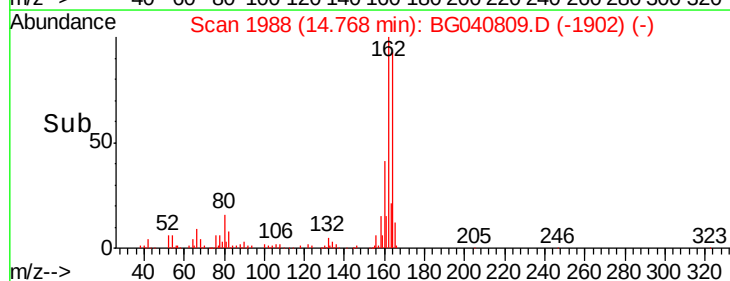
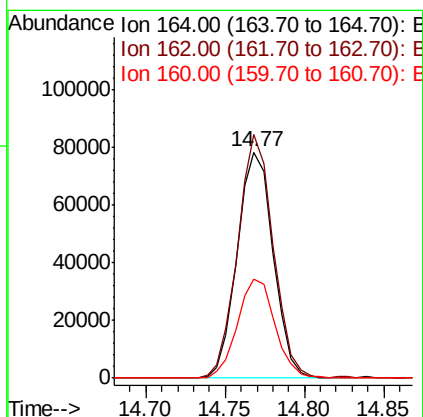
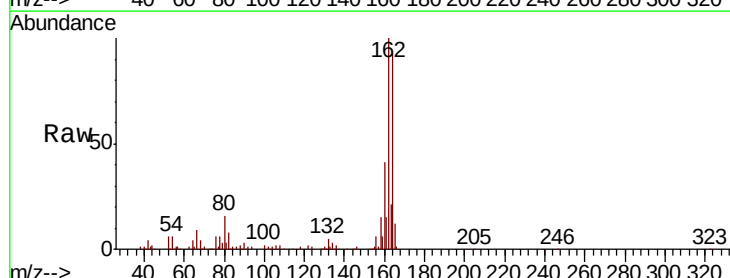
Instrument :
BNA_G
ClientSampleId :
CL-02-050719-C

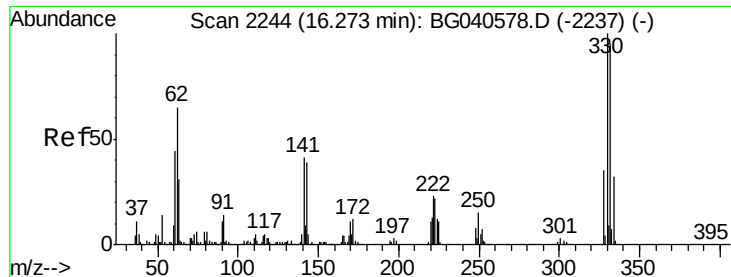
Tot Ion	82	Resp	422141
Ion Ratio	Lower	Upper	
82	100		
128	36.8	28.9	43.3
54	55.4	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040809.D
Acq: 9 May 2019 6:27

Tgt Ion	164	Resp	123833
Ion Ratio	Lower	Upper	
164	100		
162	107.8	81.9	122.9
160	44.0	35.4	53.2

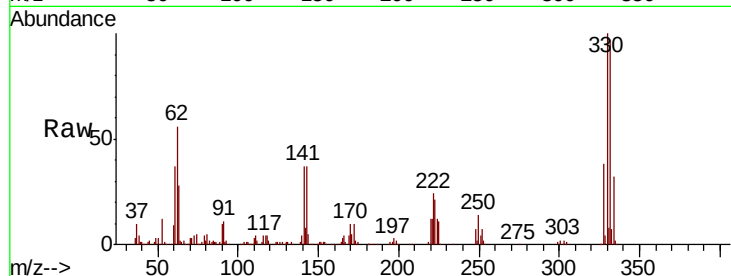




#42
 2,4,6-Tribromophenol
 Concen: 167.770 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040809.D
 Acq: 9 May 2019 6:27

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.0	75.9	113.9
141	36.0	32.4	48.6

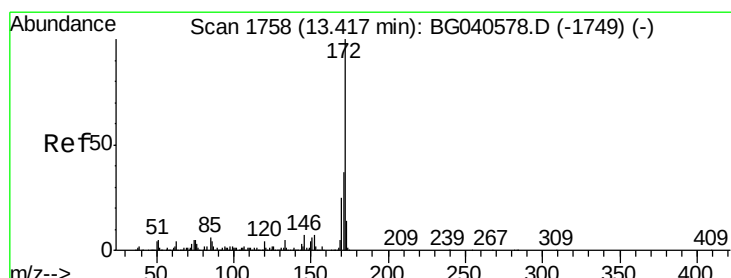
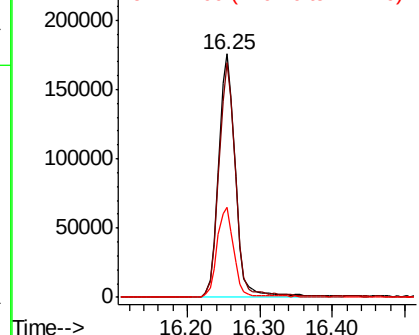
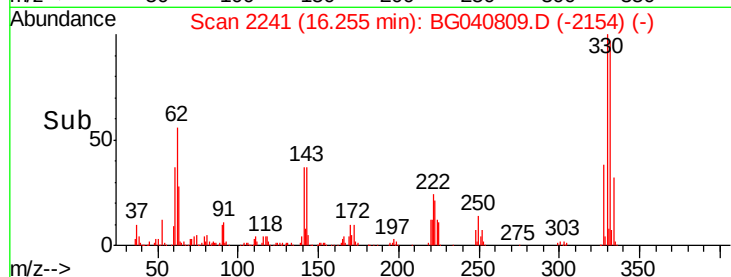


Abundance

Ion 329.80 (329.50 to 330.50): E

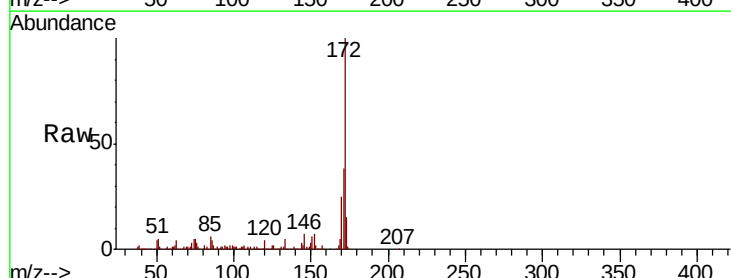
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 104.200 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040809.D
 Acq: 9 May 2019 6:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.4	44.2
170	24.8	19.9	29.9

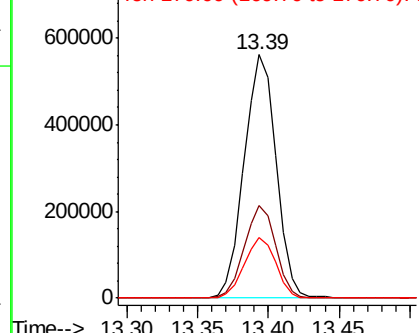
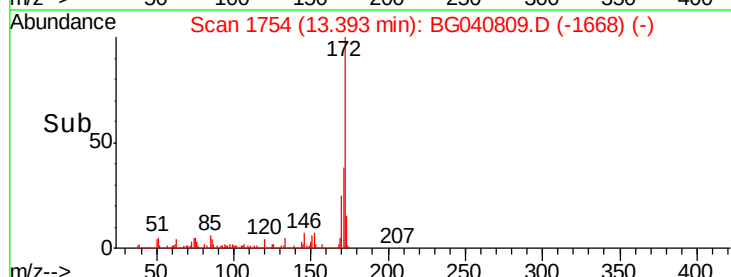


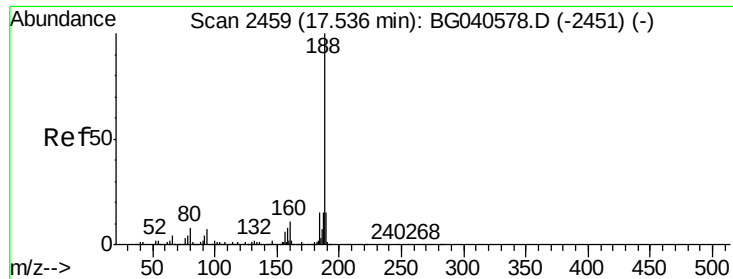
Abundance

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: BG040809.D

Acq: 9 May 2019 6:27

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-C

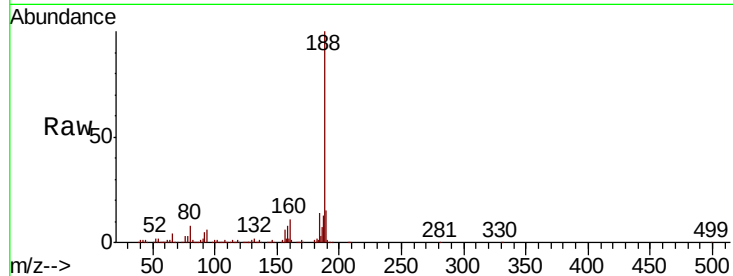
Tot Ion:188 Resp: 347851

Ion Ratio Lower Upper

188 100

94 6.0 5.6 8.4

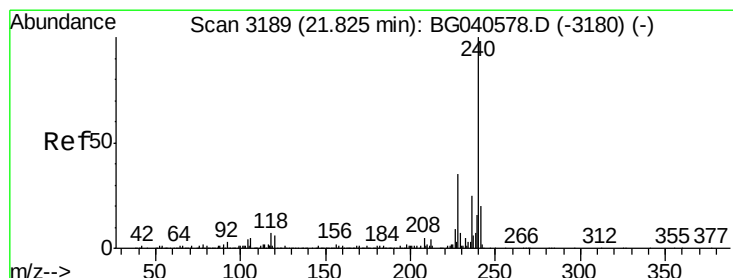
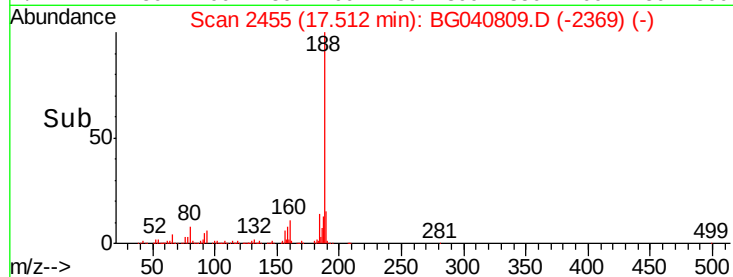
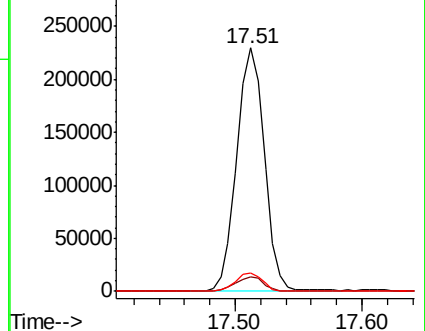
80 7.7 6.4 9.6



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: BG040809.D

Acq: 9 May 2019 6:27

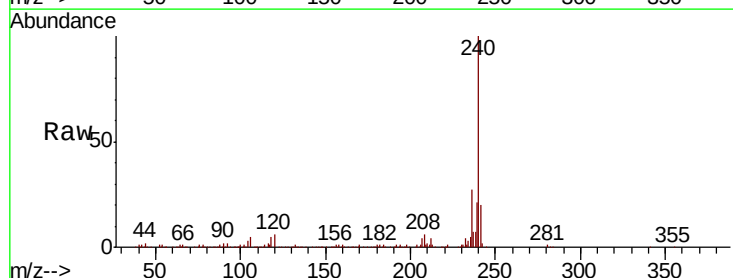
Tgt Ion:240 Resp: 332180

Ion Ratio Lower Upper

240 100

120 5.8 5.0 7.6

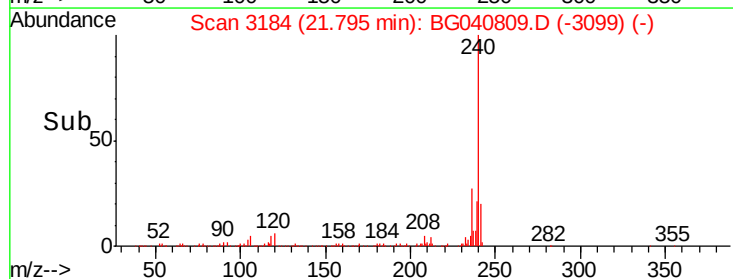
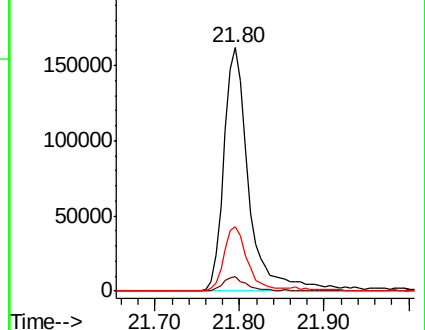
236 26.6 20.3 30.5

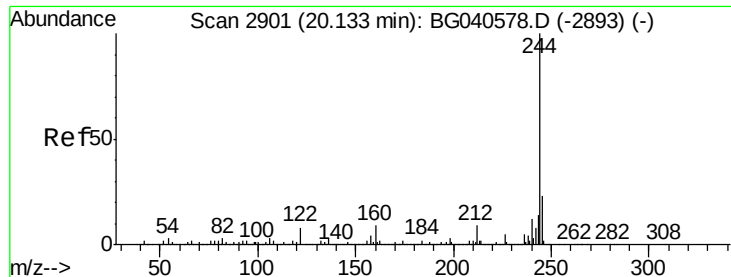


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 125.891 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040809.D

Acq: 9 May 2019 6:27

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-C

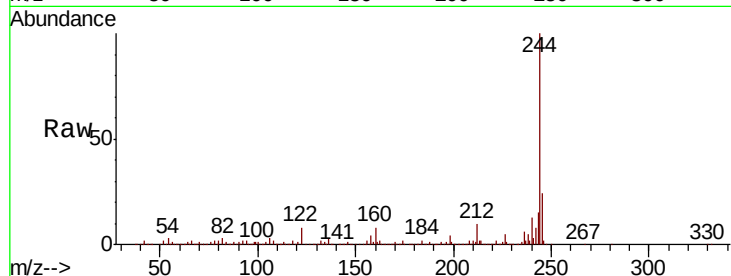
Tot Ion:244 Resp: 1887607

Ion Ratio Lower Upper

244 100

212 9.8 7.2 10.8

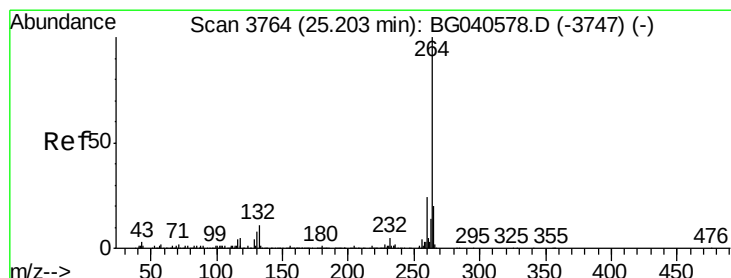
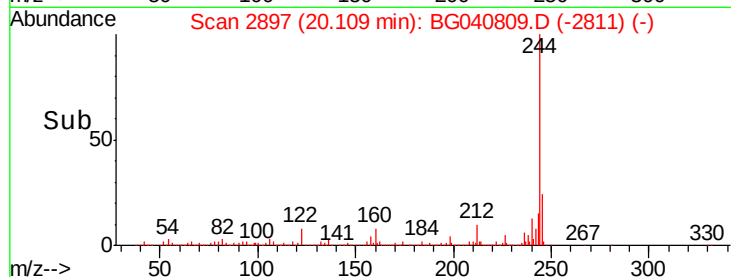
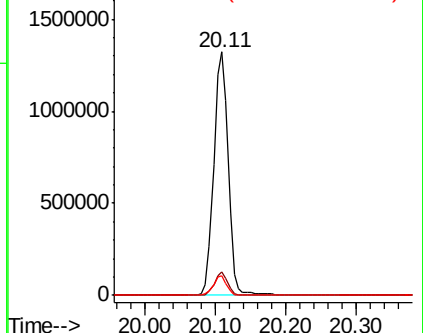
122 8.0 6.6 10.0



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: 25.14 min Scan# 3754

Delta R.T. -0.06 min

Lab File: BG040809.D

Acq: 9 May 2019 6:27

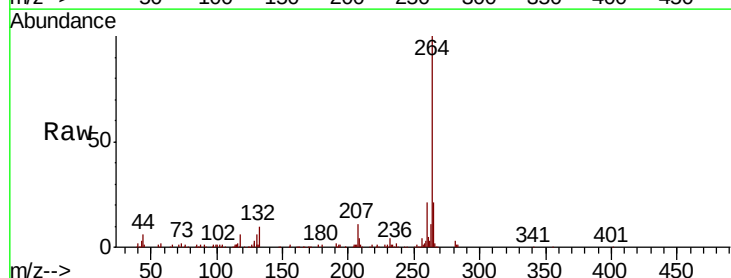
Tgt Ion:264 Resp: 231585

Ion Ratio Lower Upper

264 100

260 21.2 19.2 28.8

265 21.0 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

