

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
 Data File : BG040735.D
 Acq On : 3 May 2019 21:39
 Operator : JU/SJ
 Sample : K2642-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-050219

Quant Time: May 04 07:17:33 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	8.15	152	40671	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	162253	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	123960	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	359551	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	362947	20.00	ng	-0.02
87) Perylene-d12	25.16	264	376217	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	380778	165.04	ng	0.00
7) Phenol-d6	7.28	99	511737	144.05	ng	-0.01
23) Nitrobenzene-d5	9.32	82	447339	127.39	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	355536	208.67	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	919293	107.10	ng	-0.02
79) Terphenyl-d14	20.11	244	2050435	125.16	ng	-0.02

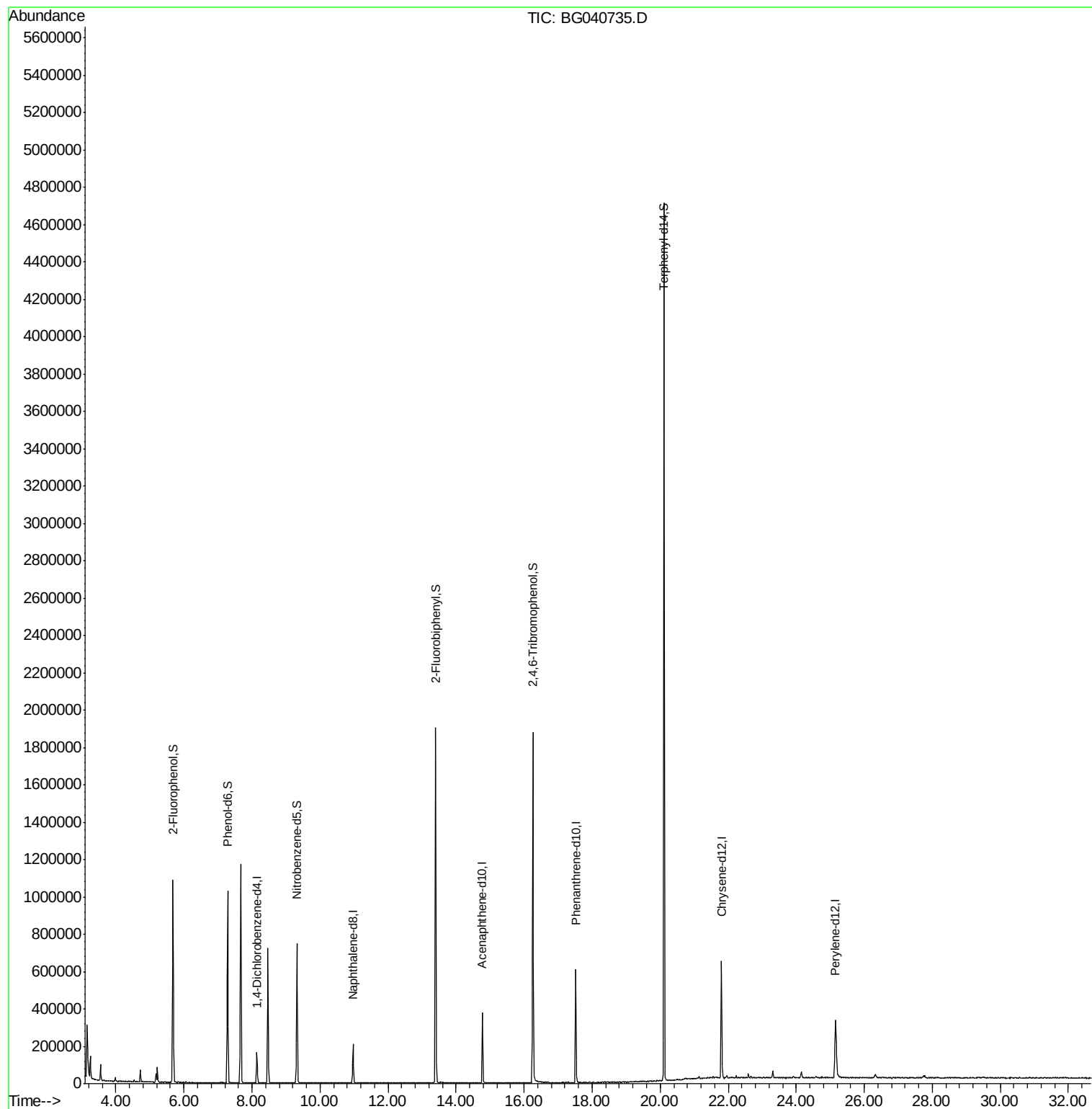
Target Compounds Qvalue

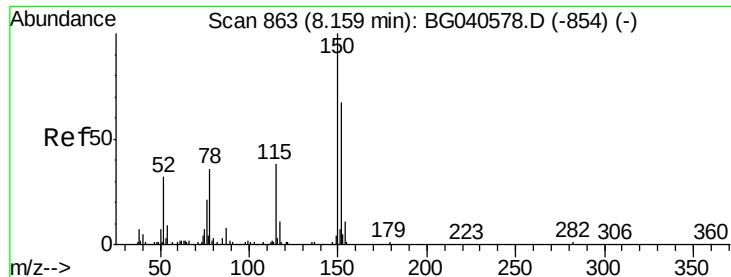
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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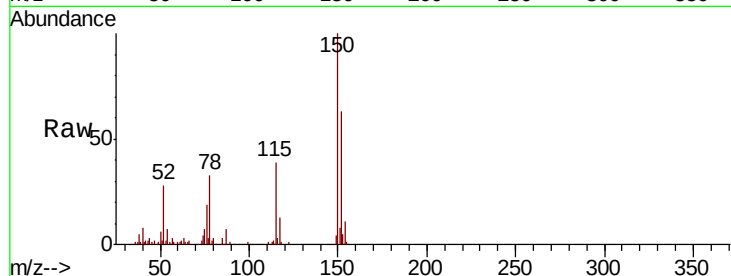


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040735.D
Acq: 3 May 2019 21:39

Instrument :
BNA_G
ClientSampleId :
OK-02-050219

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	120.2	180.2
115	62.0	46.2	69.2

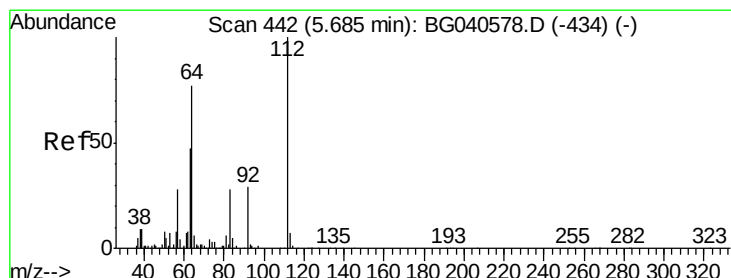
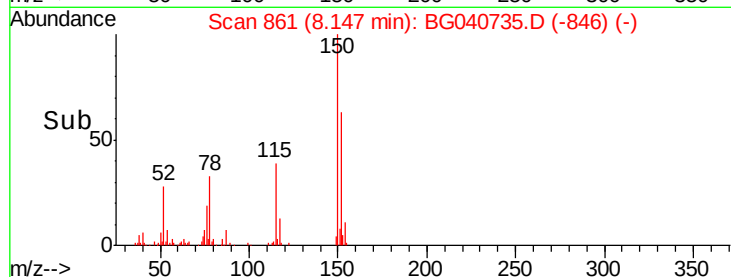
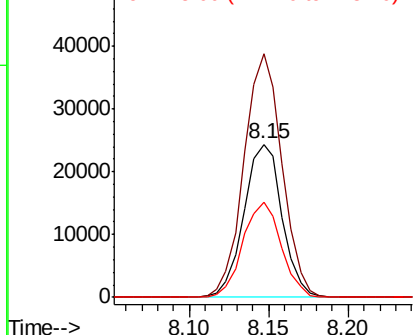


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

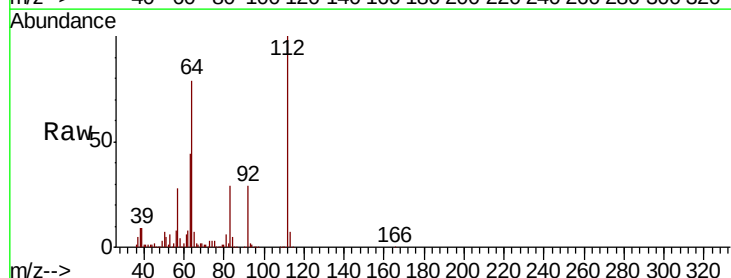
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 165.037 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.01 min
Lab File: BG040735.D
Acq: 3 May 2019 21:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.5	61.4	92.0
63	43.9	37.8	56.6

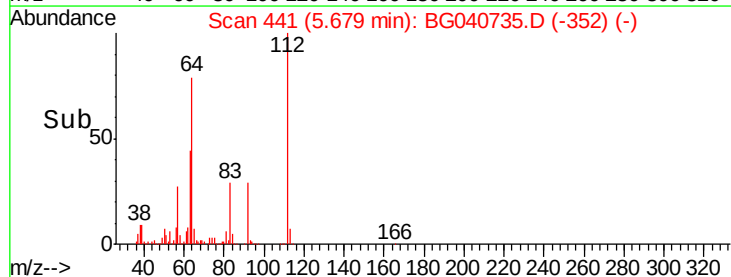
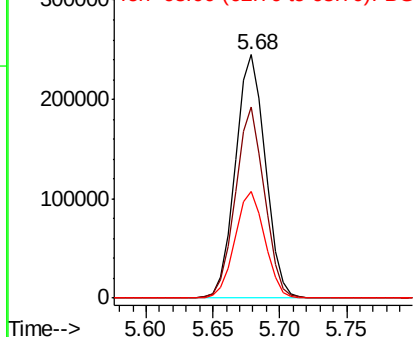


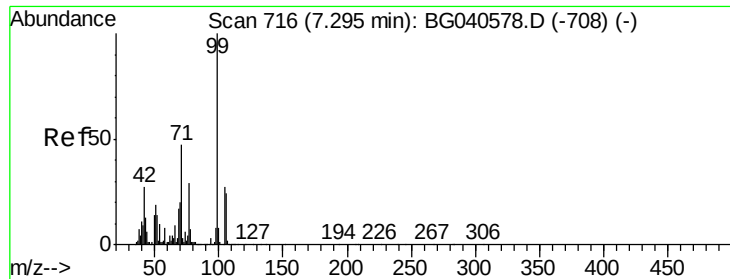
Abundance

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: 144.051 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040735.D

Acq: 3 May 2019 21:39

Instrument :

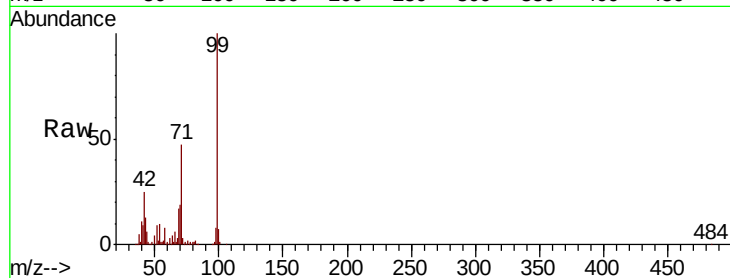
BNA_G

ClientSampleId :

OK-02-050219

Tot Ion: 99 Resp: 511737

Ion	Ratio	Lower	Upper
99	100		
42	25.4	21.8	32.8
71	47.3	38.6	57.8

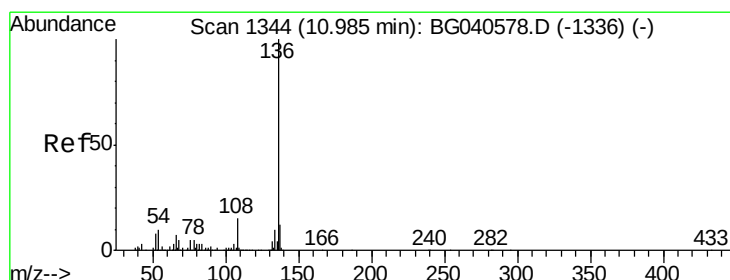
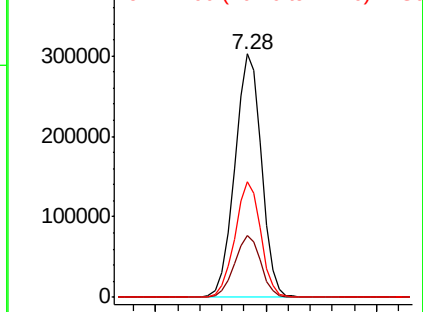
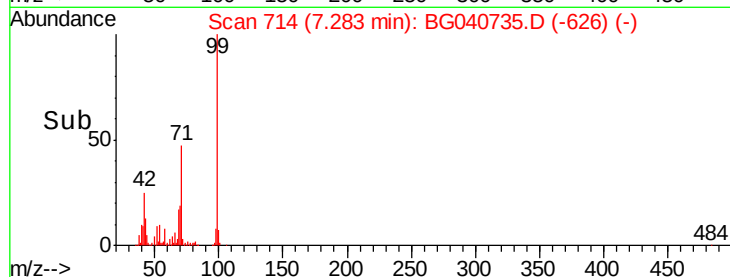


Abundance

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: 10.97 min Scan# 1341

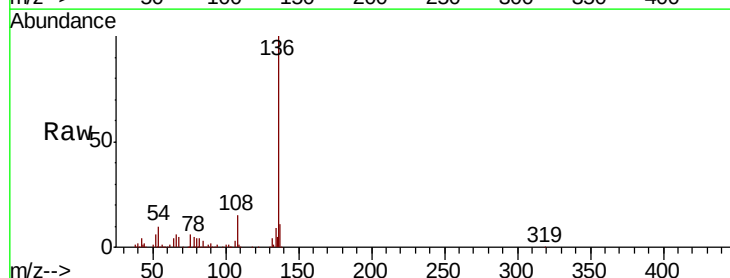
Delta R.T. -0.02 min

Lab File: BG040735.D

Acq: 3 May 2019 21:39

Tgt Ion: 136 Resp: 162253

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.7	14.5
54	9.6	8.6	12.8
68	4.9	4.8	7.2



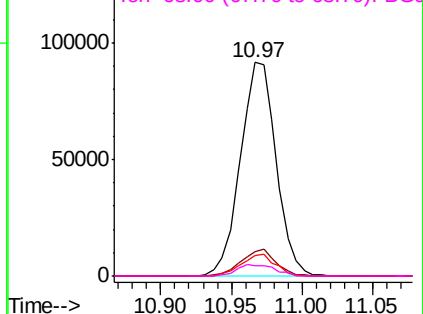
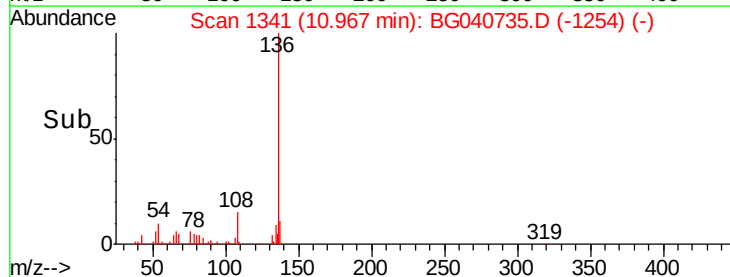
Abundance

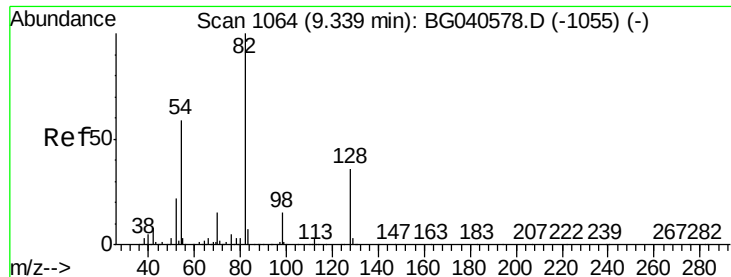
Ion 136.00 (135.70 to 136.70): BGC

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

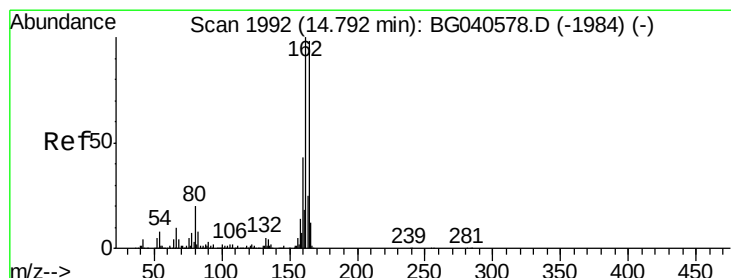
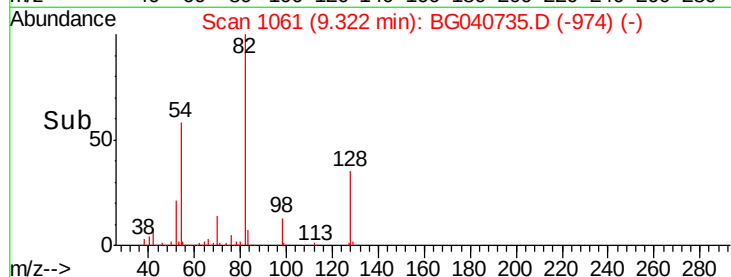
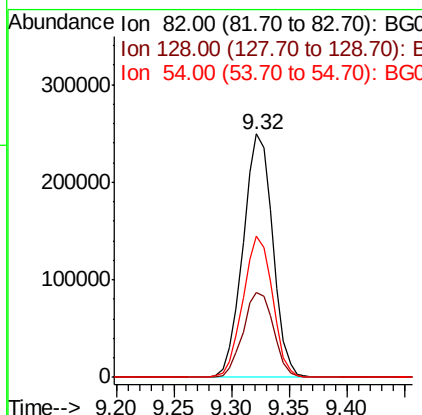
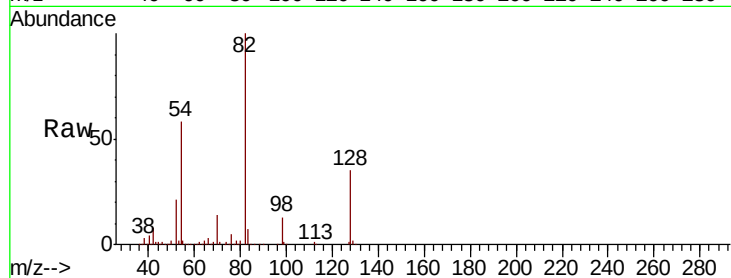




#23
 Nitrobenzene-d5
 Concen: 127.393 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040735.D
 Acq: 3 May 2019 21:39

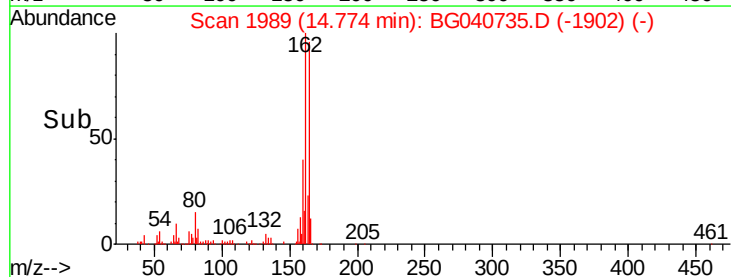
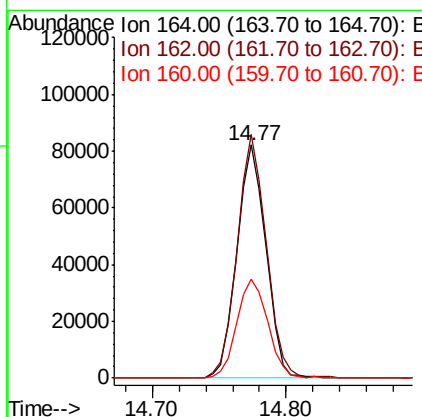
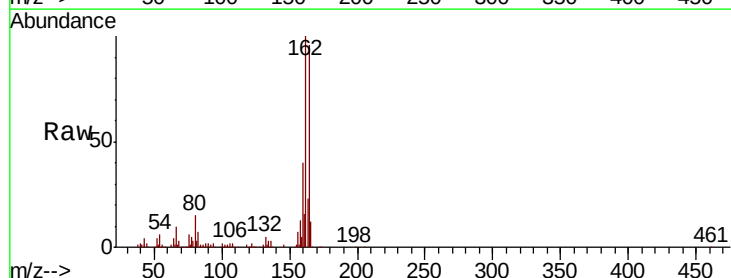
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-050219

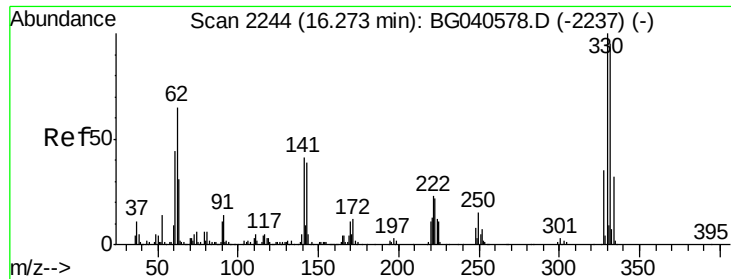
Tot Ion	82	Resp	447339
Ion Ratio	Lower	Upper	
82	100		
128	35.1	28.9	43.3
54	58.1	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG040735.D
 Acq: 3 May 2019 21:39

Tgt Ion	164	Resp	123960
Ion Ratio	Lower	Upper	
164	100		
162	104.4	81.9	122.9
160	42.3	35.4	53.2

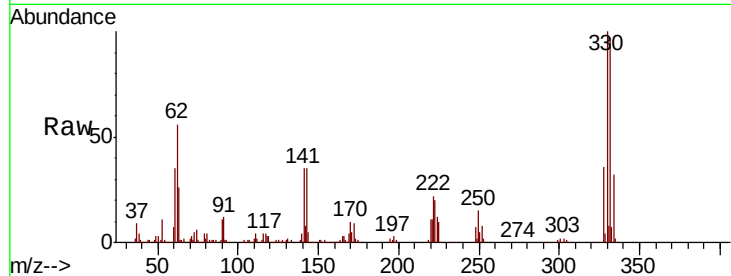




#42
2,4,6-Tribromophenol
Concen: 208.665 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BG040735.D
Acq: 3 May 2019 21:39

Instrument :
BNA_G
ClientSampleId :
OK-02-050219

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	75.9	113.9
141	38.6	32.4	48.6

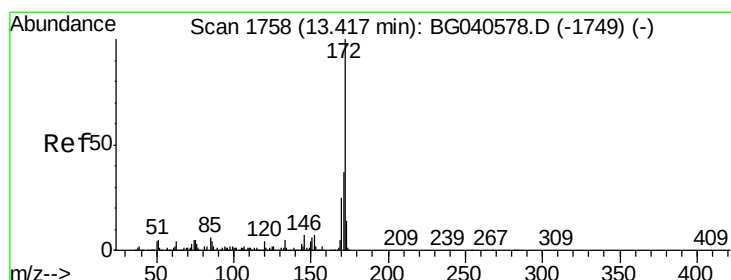
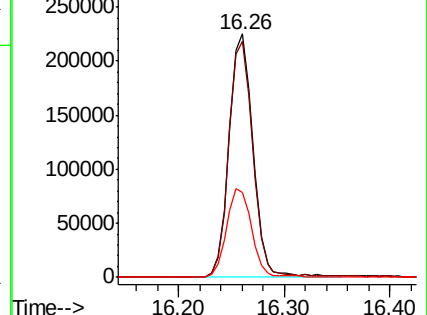
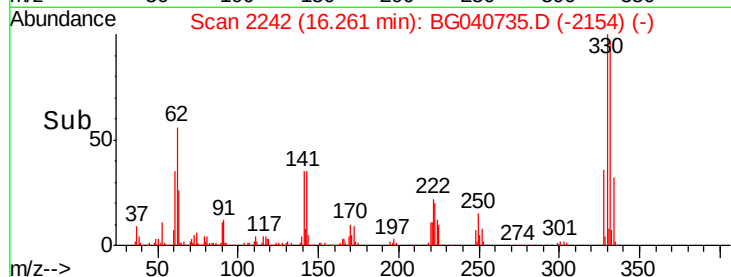


Abundance

Ion 329.80 (329.50 to 330.50): E

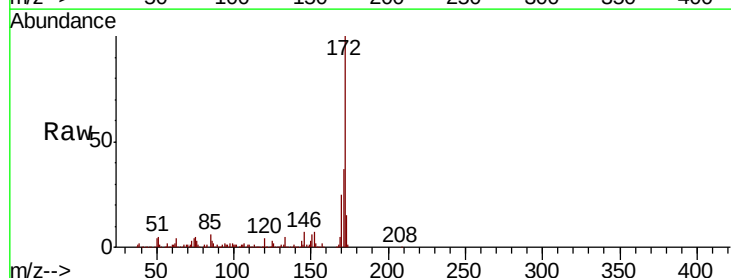
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 107.103 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040735.D
Acq: 3 May 2019 21:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.2
170	24.9	19.9	29.9

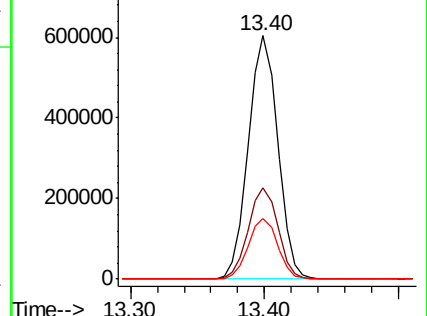
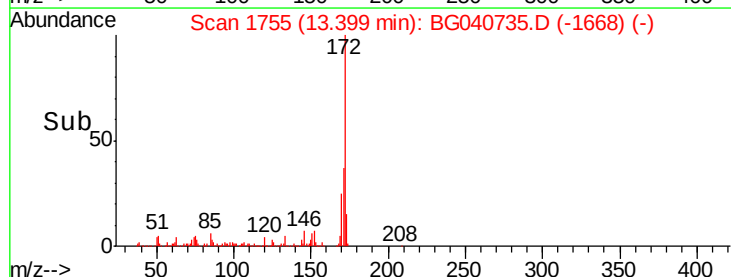


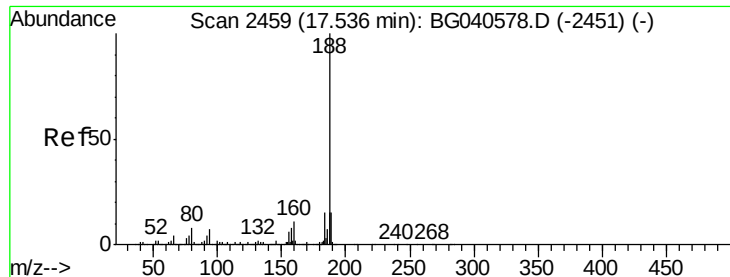
Abundance

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: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040735.D

Acq: 3 May 2019 21:39

Instrument :

BNA_G

ClientSampleId :

OK-02-050219

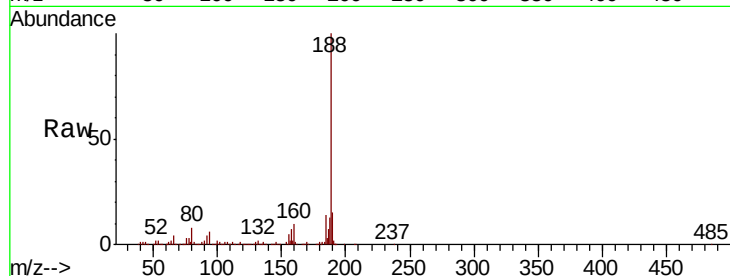
Tot Ion:188 Resp: 359551

Ion Ratio Lower Upper

188 100

94 6.1 5.6 8.4

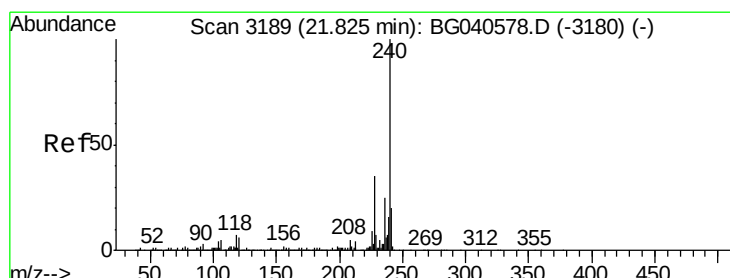
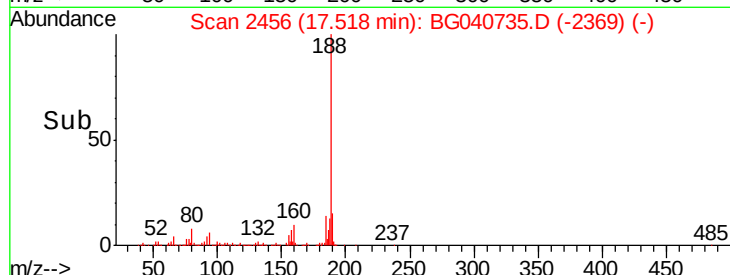
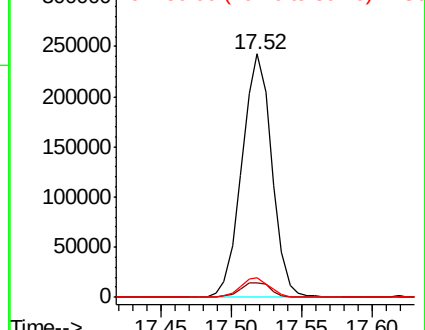
80 8.1 6.4 9.6



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# 3185

Delta R.T. -0.02 min

Lab File: BG040735.D

Acq: 3 May 2019 21:39

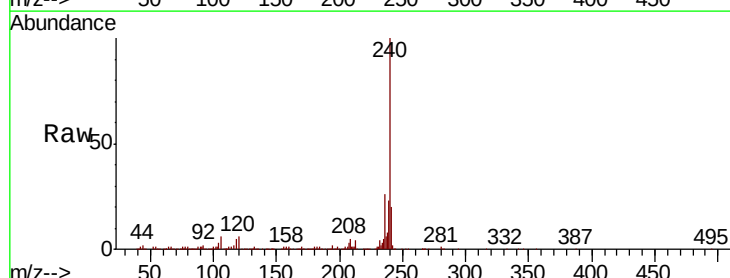
Tgt Ion:240 Resp: 362947

Ion Ratio Lower Upper

240 100

120 5.6 5.0 7.6

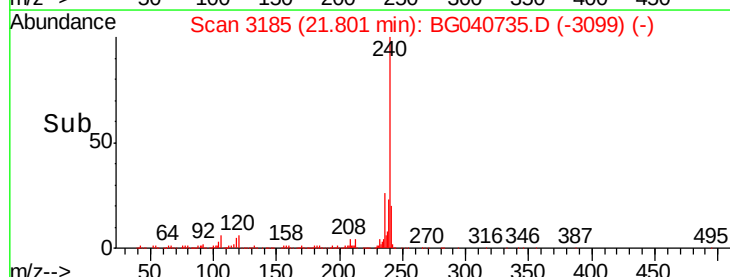
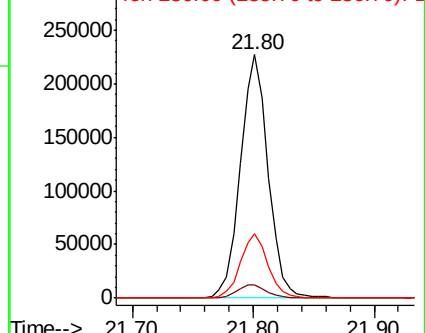
236 26.5 20.3 30.5

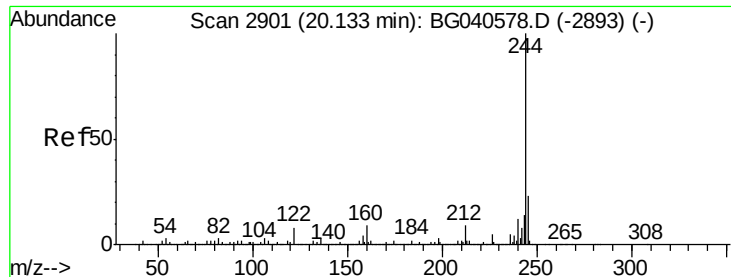


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 125.158 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040735.D

Acq: 3 May 2019 21:39

Instrument :

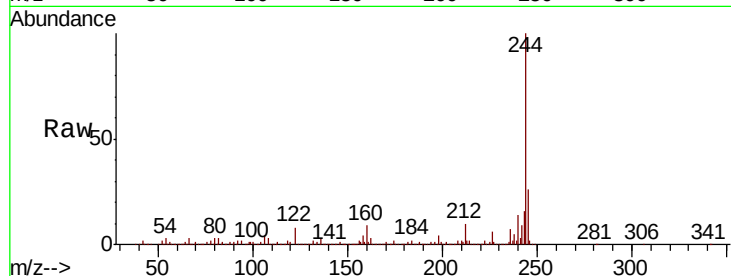
BNA_G

ClientSampleId :

OK-02-050219

Tot Ion:244 Resp: 2050435

Ion	Ratio	Lower	Upper
244	100		
212	10.4	7.2	10.8
122	8.5	6.6	10.0

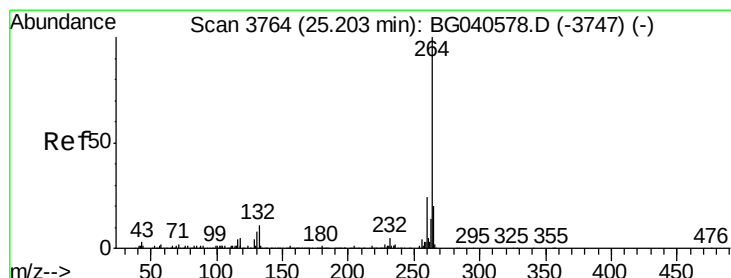
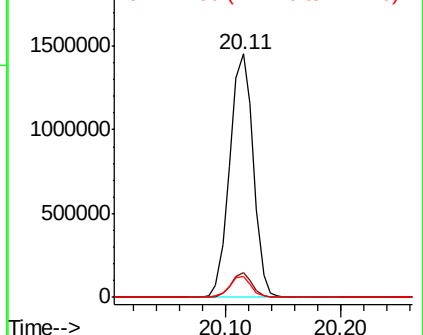
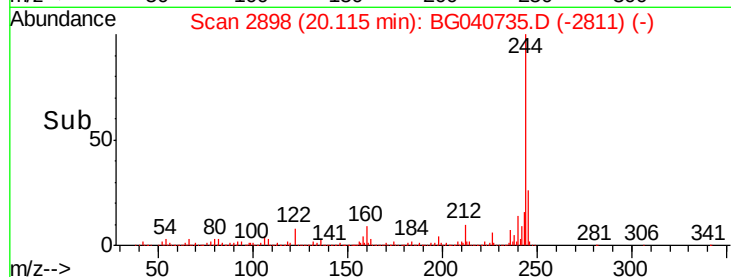


Abundance

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

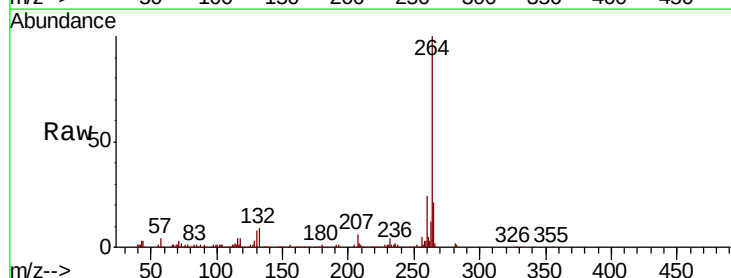
Delta R.T. -0.05 min

Lab File: BG040735.D

Acq: 3 May 2019 21:39

Tgt Ion:264 Resp: 376217

Ion	Ratio	Lower	Upper
264	100		
260	24.1	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

