

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
 Data File : BG040667.D
 Acq On : 29 Apr 2019 18:34
 Operator : JU/SJ
 Sample : K2550-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 55-ST-10

Quant Time: Apr 30 03:45:16 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	52347	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	202514	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	157806	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	411213	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	415893	20.00	ng	-0.02
87) Perylene-d12	25.17	264	446538	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	122181	41.14	ng	0.00
7) Phenol-d6	7.28	99	111643	24.42	ng	-0.01
23) Nitrobenzene-d5	9.33	82	466337	106.40	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	221316	102.03	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	983447	90.00	ng	-0.01
79) Terphenyl-d14	20.12	244	1612915	85.92	ng	-0.01

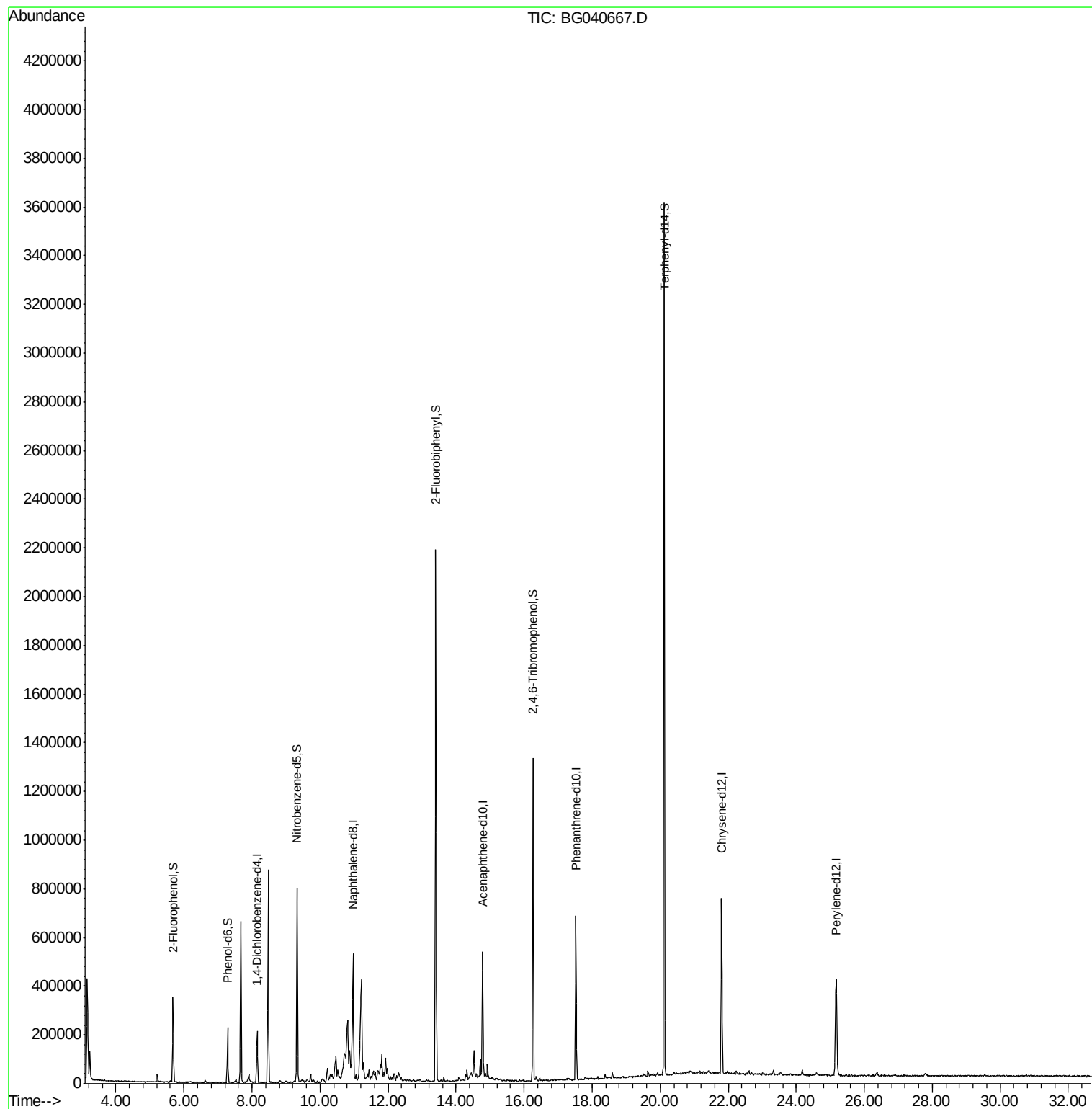
Target Compounds	Qvalue
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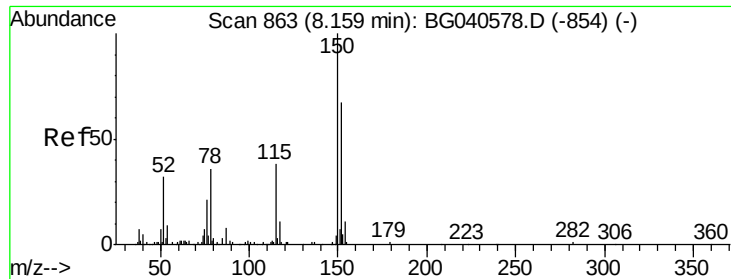
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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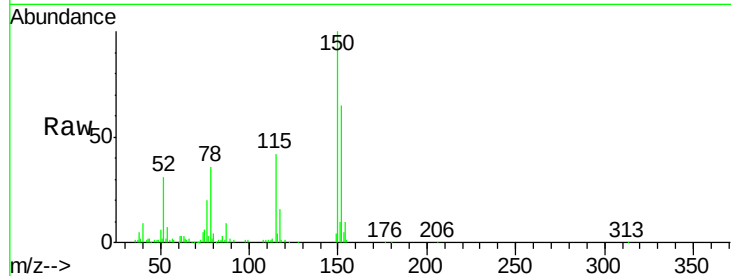


#1

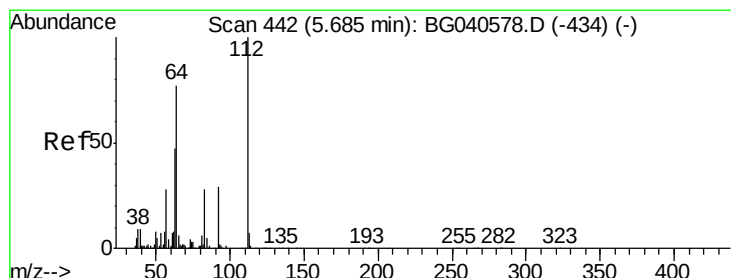
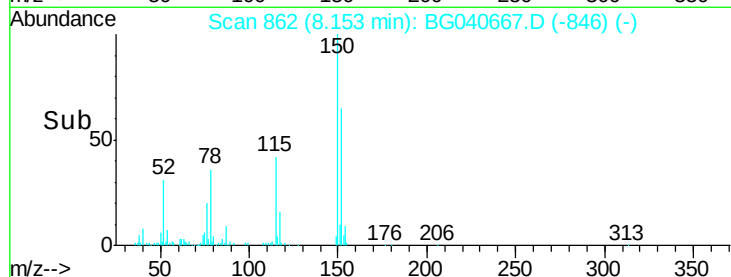
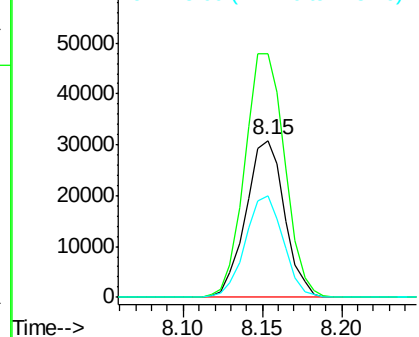
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.01 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Instrument :
BNA_G
ClientSampleId :
55-ST-10

Tgt Ion:152 Resp: 52347
Ion Ratio Lower Upper
152 100
150 154.8 120.2 180.2
115 64.2 46.2 69.2



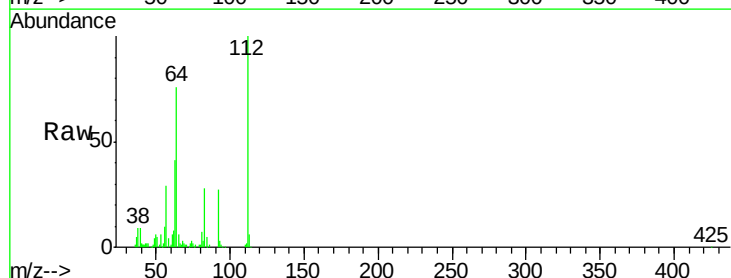
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



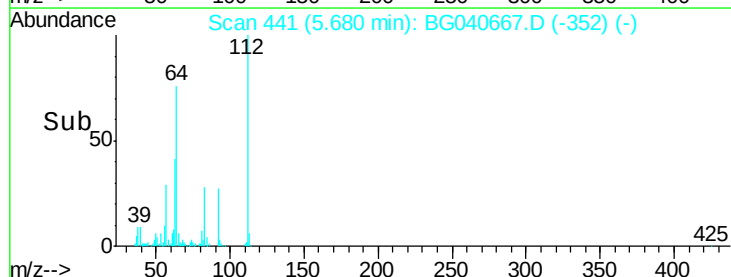
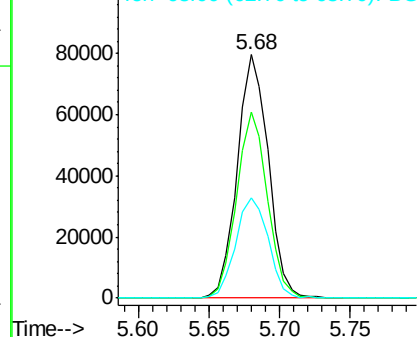
#5

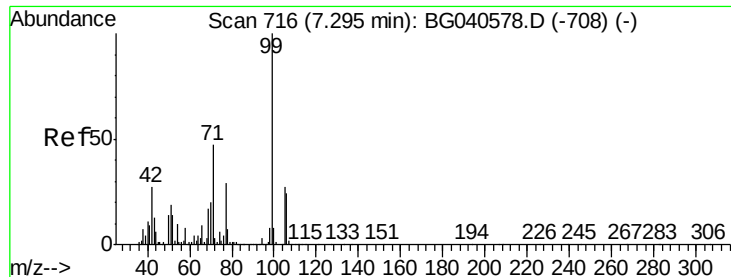
2-Fluorophenol
Concen: 41.144 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.00 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Tgt Ion:112 Resp: 122181
Ion Ratio Lower Upper
112 100
64 76.4 61.4 92.0
63 41.1 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: 24.417 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040667.D

Acq: 29 Apr 2019 18:34

Instrument :

BNA_G

ClientSampleId :

55-ST-10

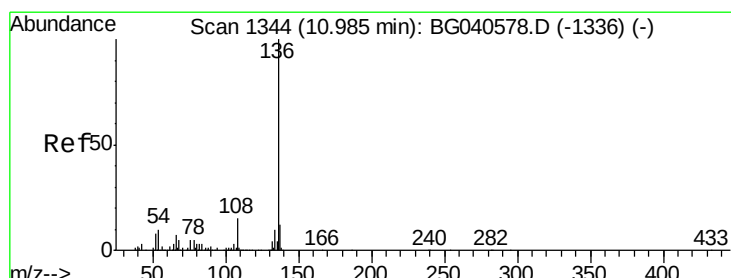
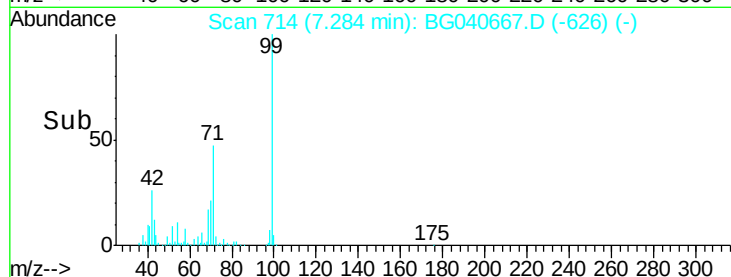
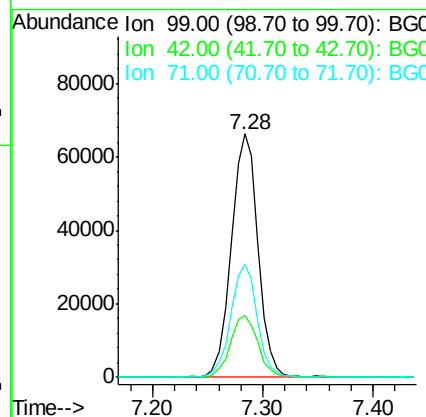
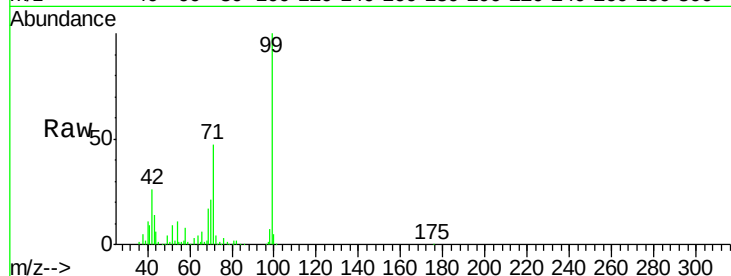
Tgt Ion: 99 Resp: 111643

Ion Ratio Lower Upper

99 100

42 25.6 21.8 32.8

71 46.6 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BG040667.D

Acq: 29 Apr 2019 18:34

Tgt Ion: 136 Resp: 202514

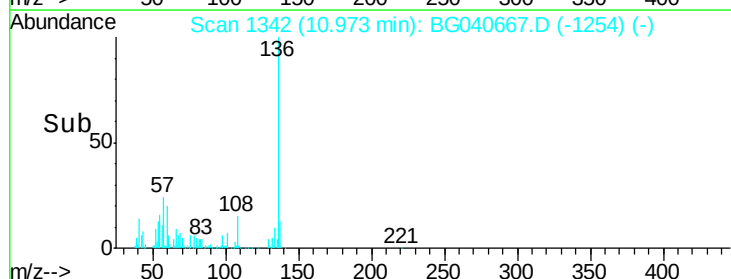
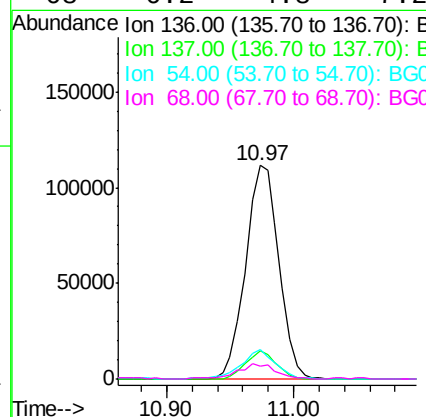
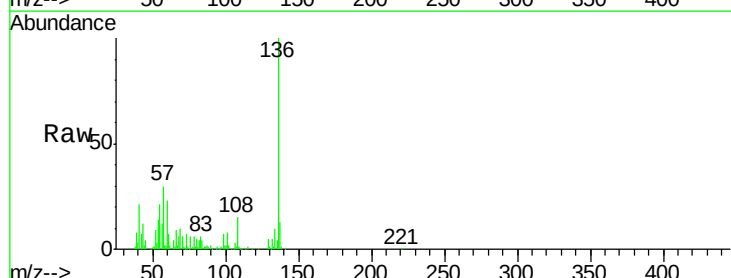
Ion Ratio Lower Upper

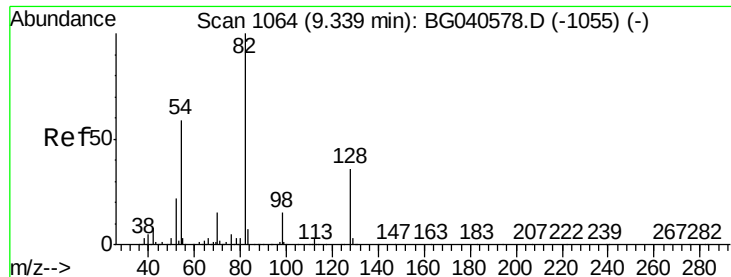
136 100

137 12.9 9.7 14.5

54 13.6 8.6 12.8#

68 6.2 4.8 7.2

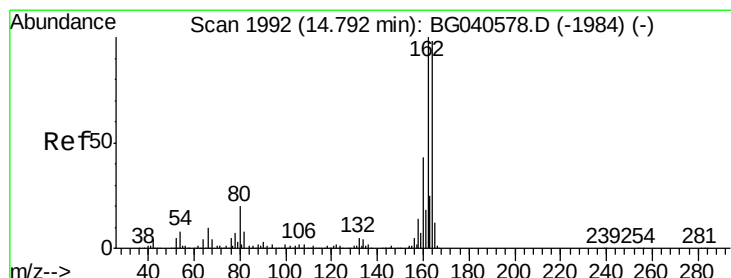
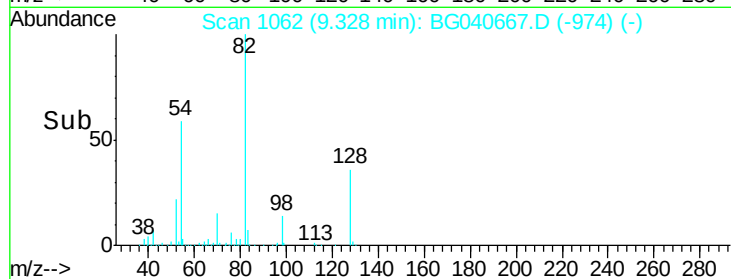
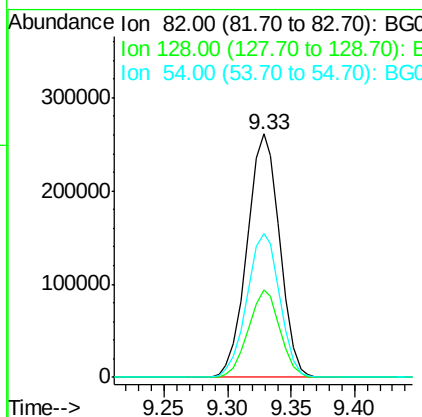
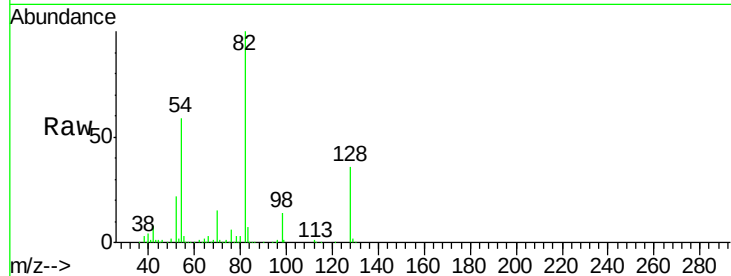




#23
 Nitrobenzene-d5
 Concen: 106.401 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BG040667.D
 Acq: 29 Apr 2019 18:34

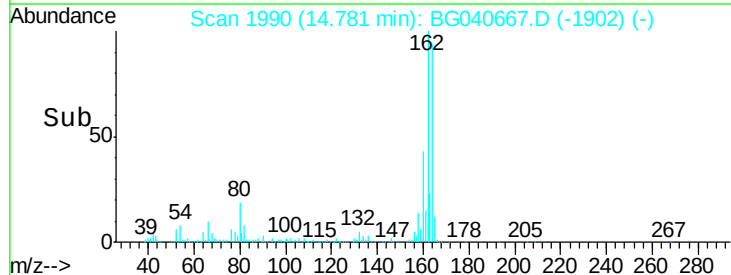
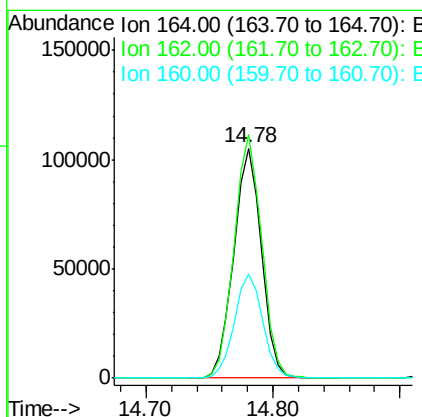
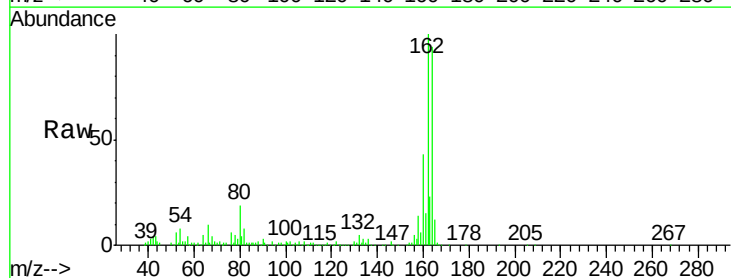
Instrument :
 BNA_G
 ClientSampleId :
 55-ST-10

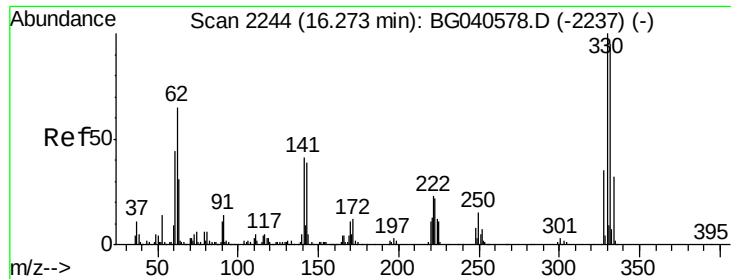
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.7	28.9	43.3
54	59.0	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG040667.D
 Acq: 29 Apr 2019 18:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	81.9	122.9
160	45.1	35.4	53.2

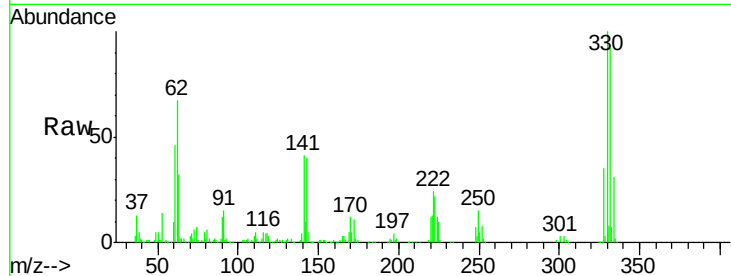




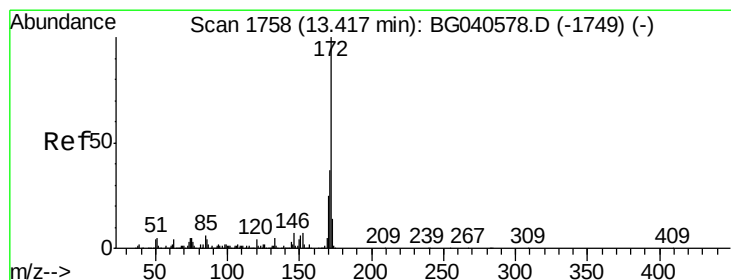
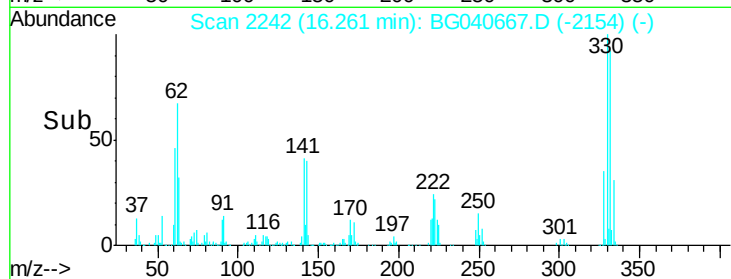
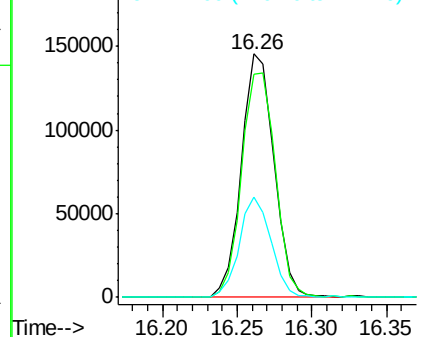
#42
2,4,6-Tribromophenol
Concen: 102.032 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Instrument :
BNA_G
ClientSampleId :
55-ST-10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.9	113.9
141	40.0	32.4	48.6

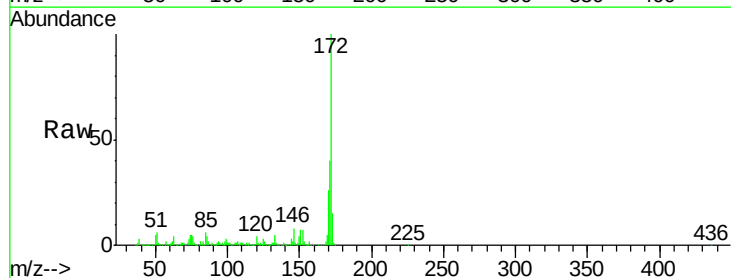


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

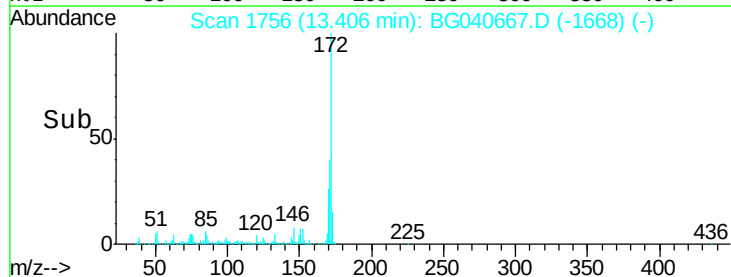
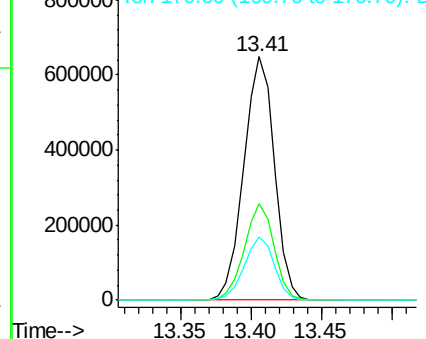


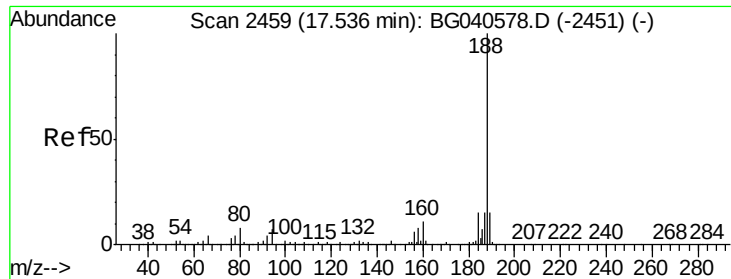
#45
2-Fluorobiphenyl
Concen: 90.003 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.7	29.4	44.2
170	26.1	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

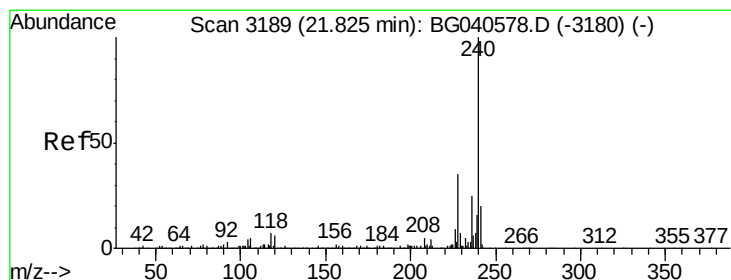
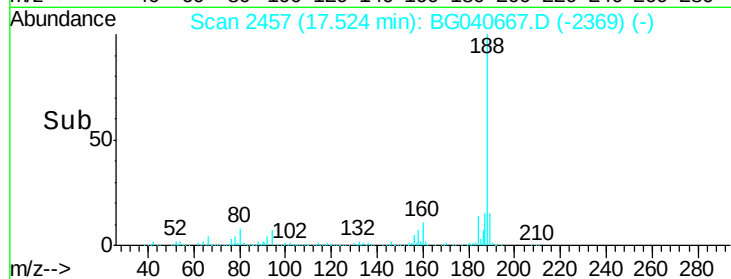
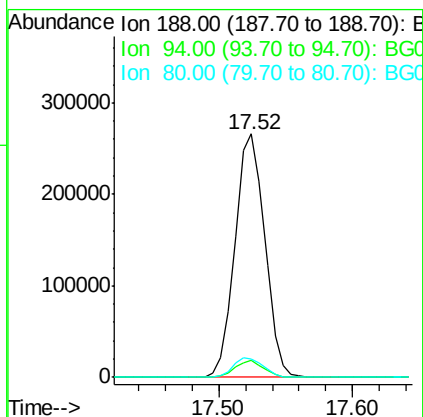
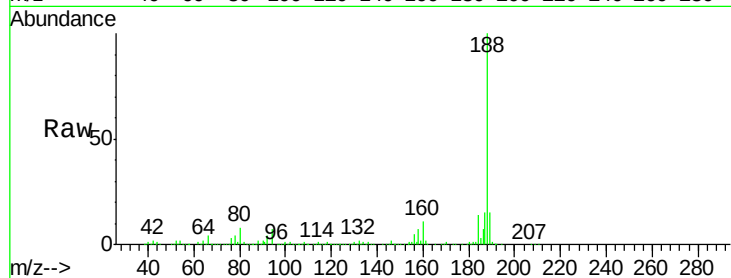




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

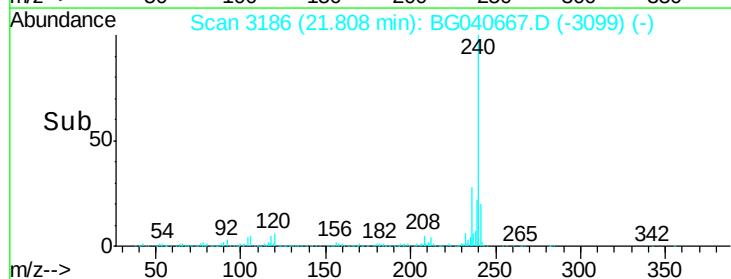
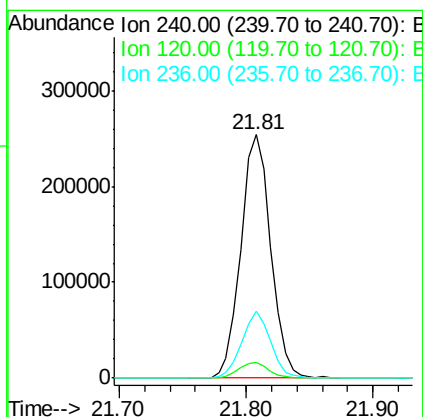
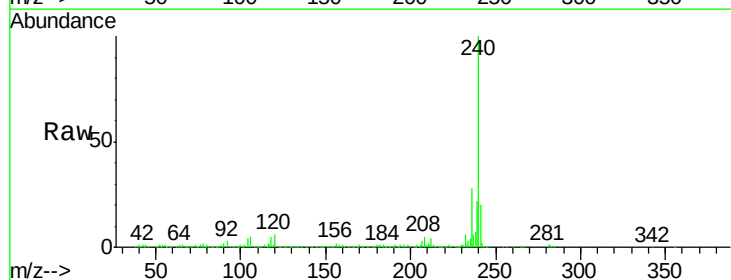
Instrument :
BNA_G
ClientSampleId :
55-ST-10

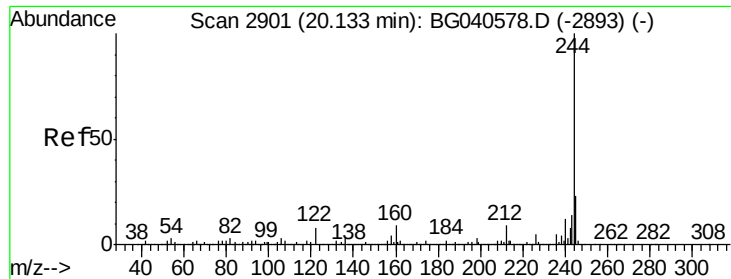
Tgt Ion:188 Resp: 411213
Ion Ratio Lower Upper
188 100
94 6.8 5.6 8.4
80 7.7 6.4 9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG040667.D
Acq: 29 Apr 2019 18:34

Tgt Ion:240 Resp: 415893
Ion Ratio Lower Upper
240 100
120 6.2 5.0 7.6
236 27.5 20.3 30.5





#79

Terphenyl-d14

Concen: 85.918 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG040667.D

Acq: 29 Apr 2019 18:34

Instrument :

BNA_G

ClientSampleId :

55-ST-10

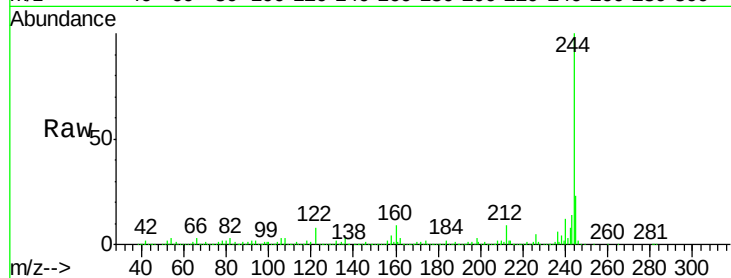
Tgt Ion:244 Resp: 1612915

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

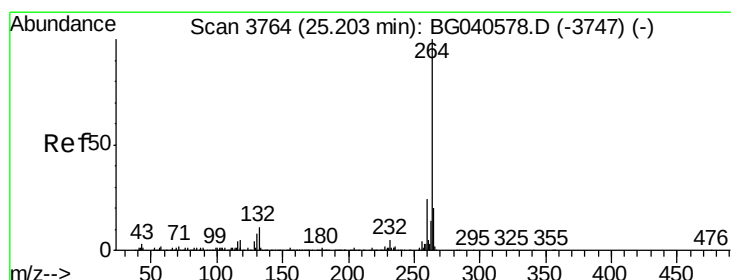
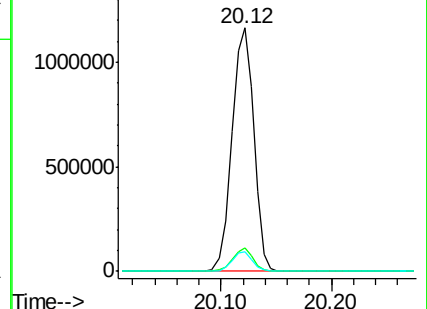
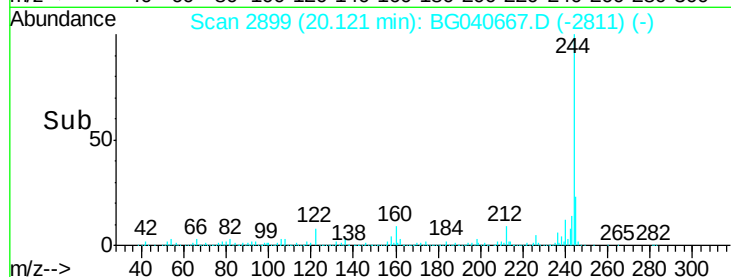
122 7.9 6.6 10.0



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: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG040667.D

Acq: 29 Apr 2019 18:34

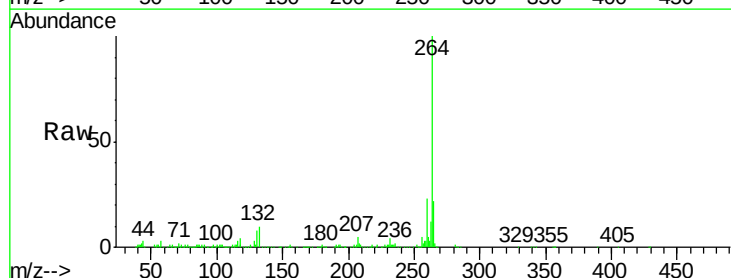
Tgt Ion:264 Resp: 446538

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.9 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

