

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062519\
 Data File : BG041448.D
 Acq On : 25 Jun 2019 17:46
 Operator : HP/JU
 Sample : K3510-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-062419

Quant Time: Jun 26 04:52:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	29350	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	104041	20.00	ng	-0.04
39) Acenaphthene-d10	14.68	164	74481	20.00	ng	-0.04
64) Phenanthrene-d10	17.43	188	194511	20.00	ng	-0.04
76) Chrysene-d12	21.70	240	210838	20.00	ng	-0.04
87) Perylene-d12	24.98	264	217962	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	226591	141.85	ng	-0.04
7) Phenol-d6	7.20	99	297317	128.41	ng	-0.04
23) Nitrobenzene-d5	9.22	82	248314	100.38	ng	-0.04
42) 2,4,6-Tribromophenol	16.17	330	177052	154.84	ng	-0.04
45) 2-Fluorobiphenyl	13.30	172	574538	104.84	ng	-0.04
79) Terphenyl-d14	20.03	244	1135234	106.71	ng	-0.04

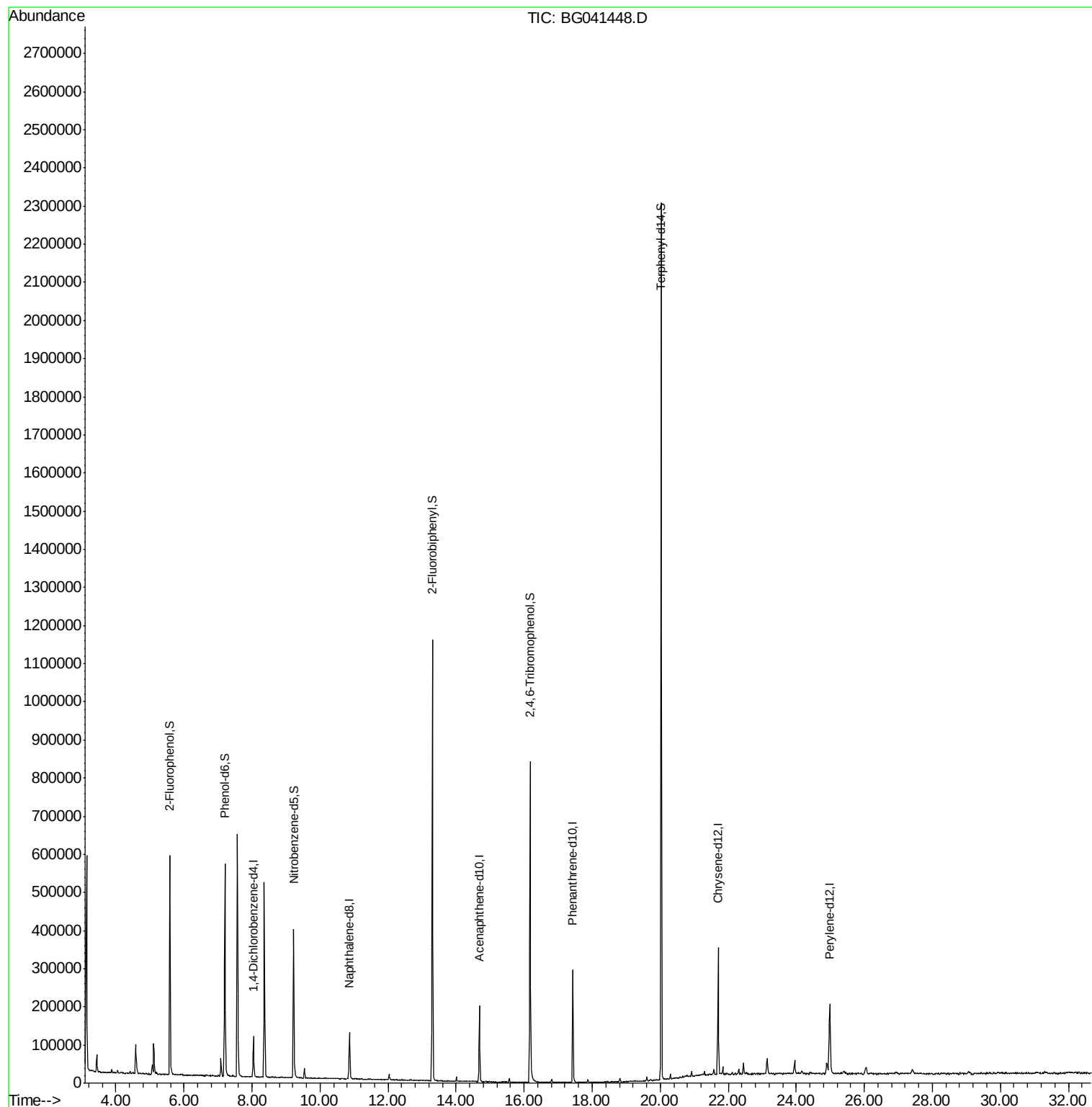
Target Compounds Qvalue

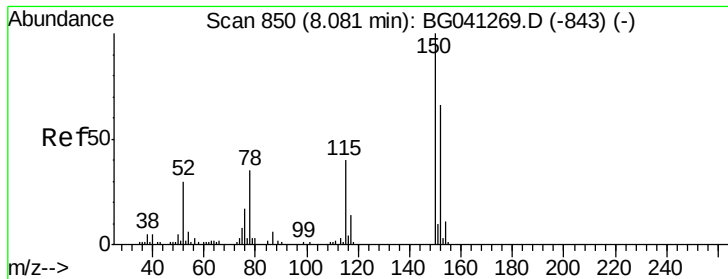
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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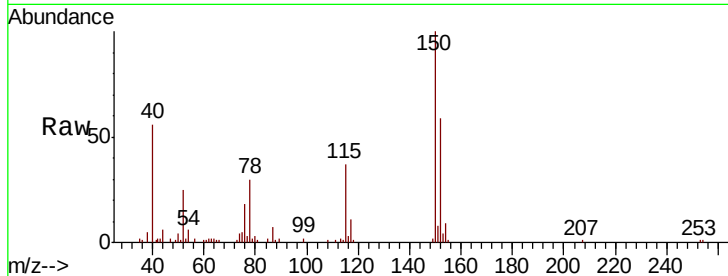


#1

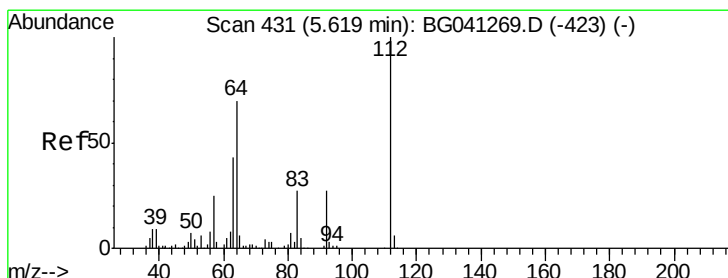
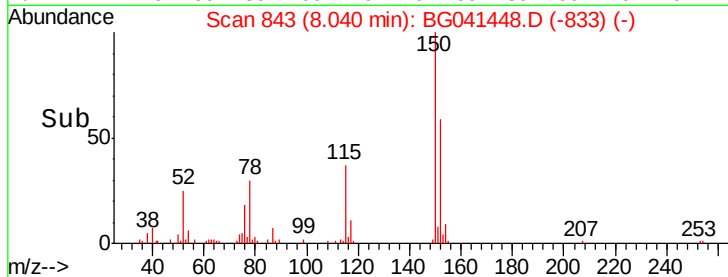
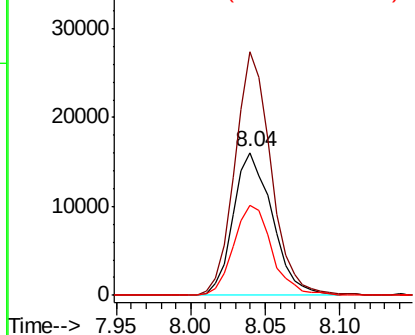
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

Instrument :
BNA_G
ClientSampleId :
TR-04-062419

Tot Ion:152 Resp: 29350
Ion Ratio Lower Upper
152 100
150 170.3 120.6 181.0
115 63.3 47.9 71.9



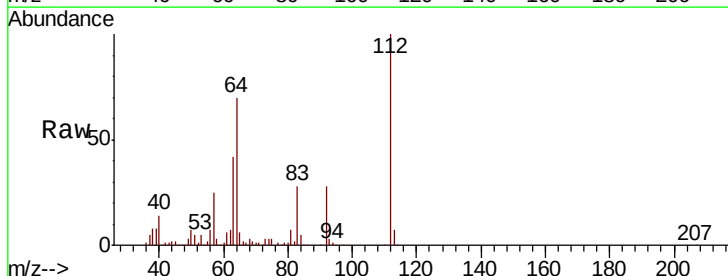
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



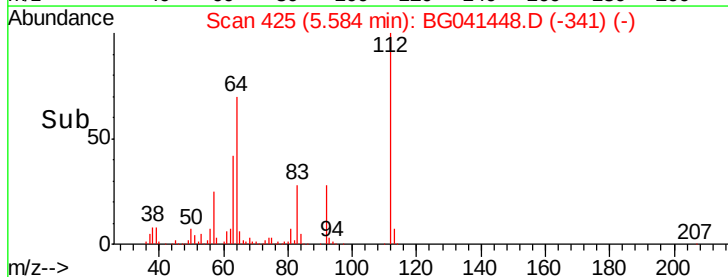
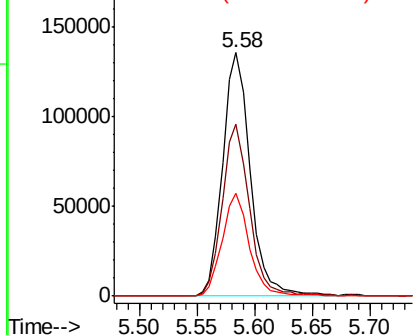
#5

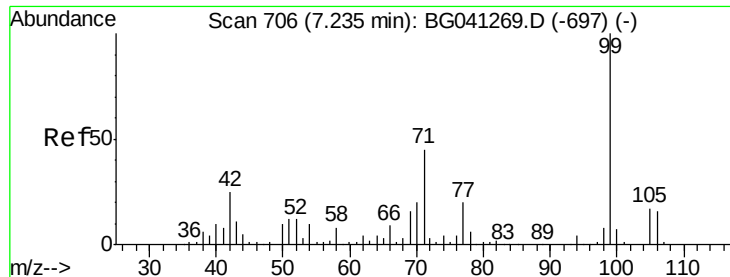
2-Fluorophenol
Concen: 141.854 ng
RT: 5.58 min Scan# 425
Delta R.T. -0.04 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

Tgt Ion:112 Resp: 226591
Ion Ratio Lower Upper
112 100
64 70.5 55.9 83.9
63 42.4 34.6 51.8



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: 128.410 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.04 min

Lab File: BG041448.D

Acq: 25 Jun 2019 17:46

Instrument :

BNA_G

ClientSampleId :

TR-04-062419

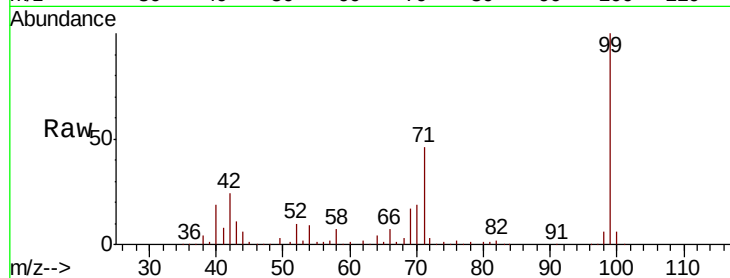
Tot Ion: 99 Resp: 297317

Ion Ratio Lower Upper

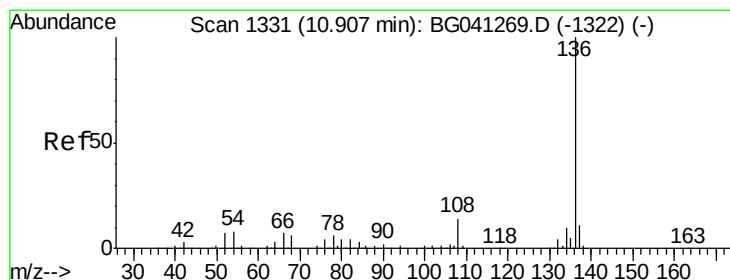
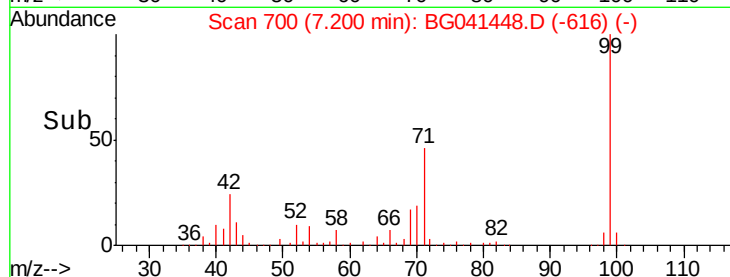
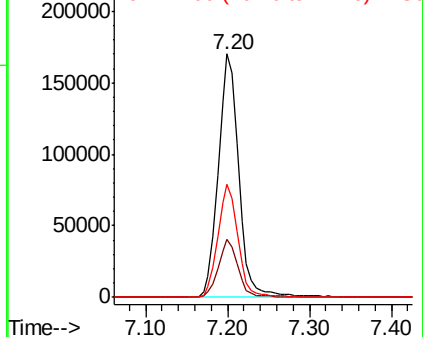
99 100

42 24.0 19.9 29.9

71 46.2 36.4 54.6



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: 10.87 min Scan# 1324

Delta R.T. -0.04 min

Lab File: BG041448.D

Acq: 25 Jun 2019 17:46

Tgt Ion: 136 Resp: 104041

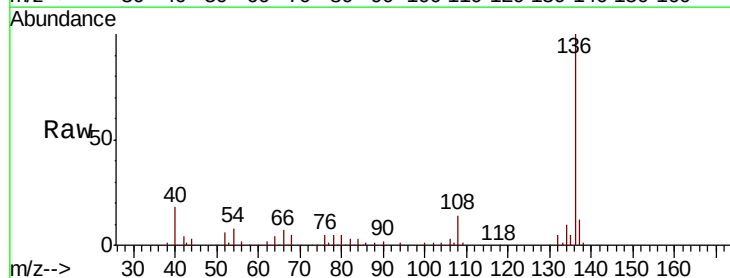
Ion Ratio Lower Upper

136 100

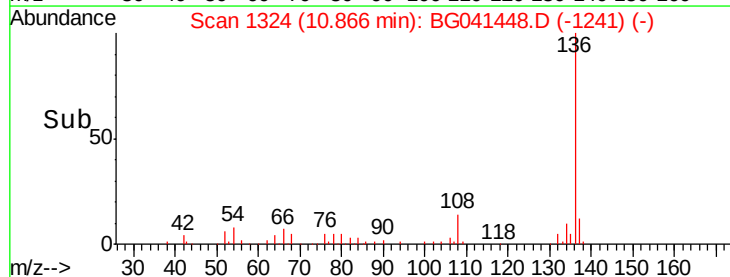
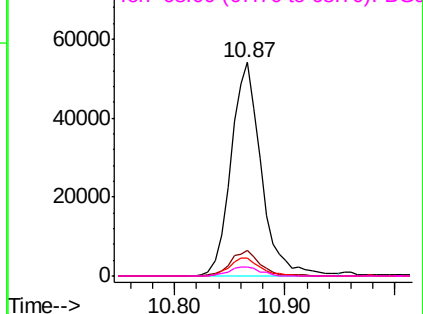
137 12.0 8.8 13.2

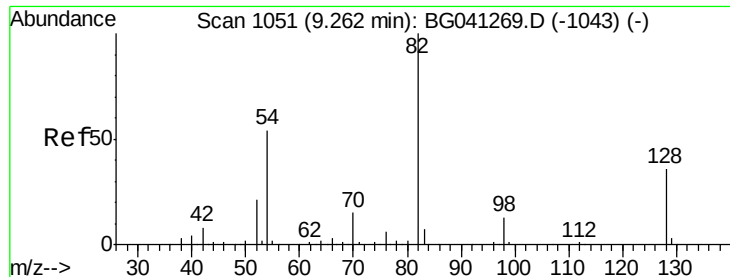
54 8.2 6.4 9.6

68 4.5 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

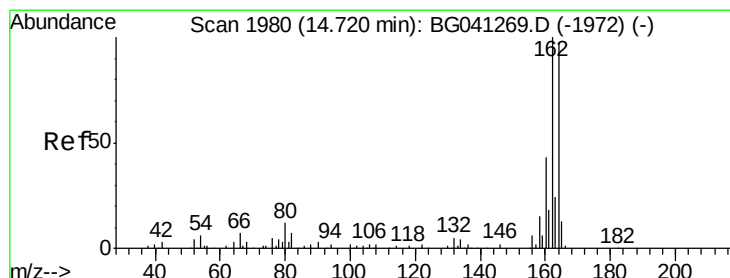
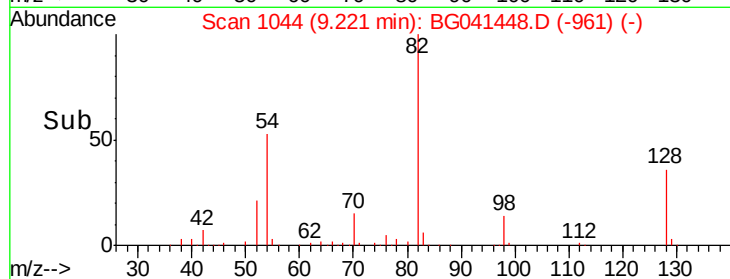
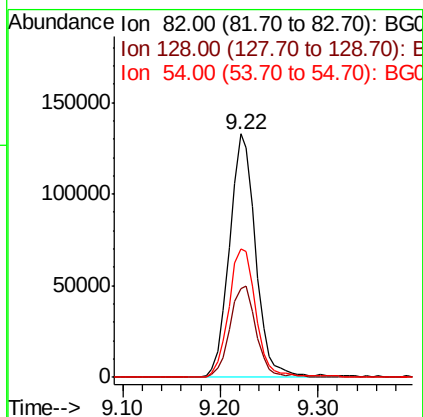
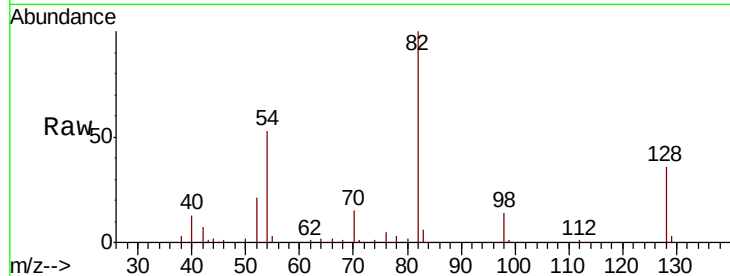




#23
Nitrobenzene-d5
Concen: 100.375 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

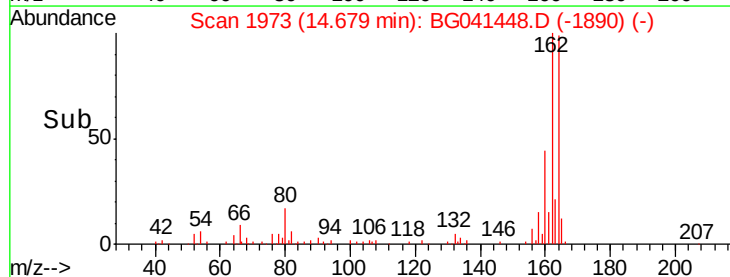
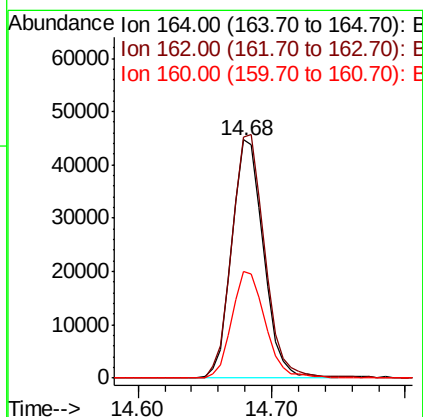
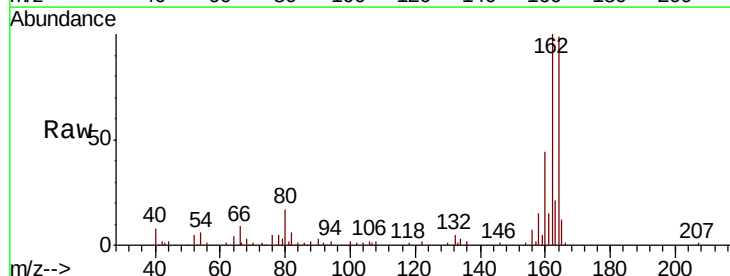
Instrument :
BNA_G
ClientSampleId :
TR-04-062419

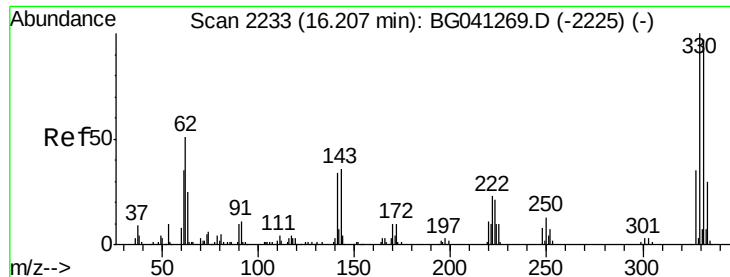
Tot Ion: 82 Resp: 248314
Ion Ratio Lower Upper
82 100
128 36.5 29.2 43.8
54 52.9 43.4 65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.04 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

Tgt Ion:164 Resp: 74481
Ion Ratio Lower Upper
164 100
162 101.4 82.8 124.2
160 44.8 35.8 53.8

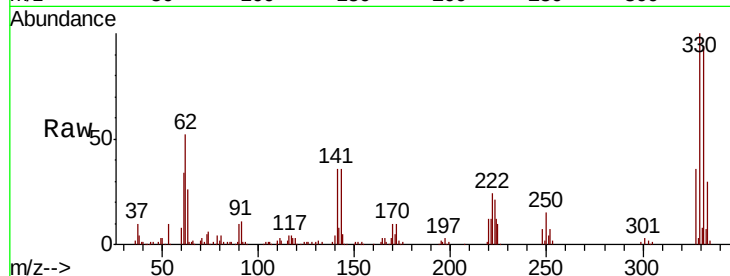




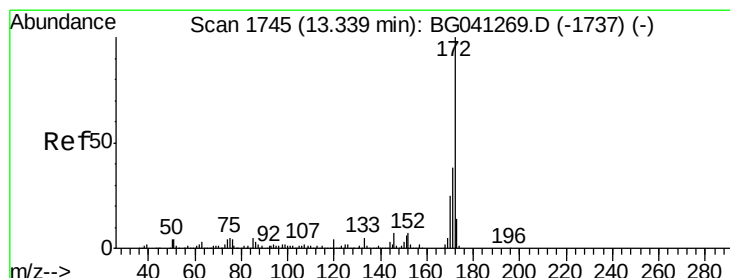
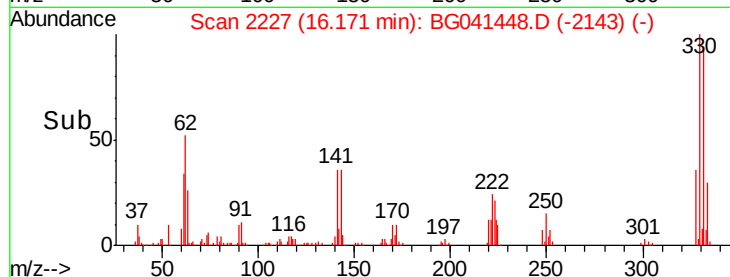
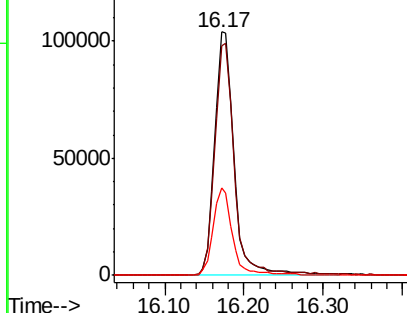
#42
 2,4,6-Tribromophenol
 Concen: 154.840 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.04 min
 Lab File: BG041448.D
 Acq: 25 Jun 2019 17:46

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-062419

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	75.5	113.3
141	34.7	29.0	43.4

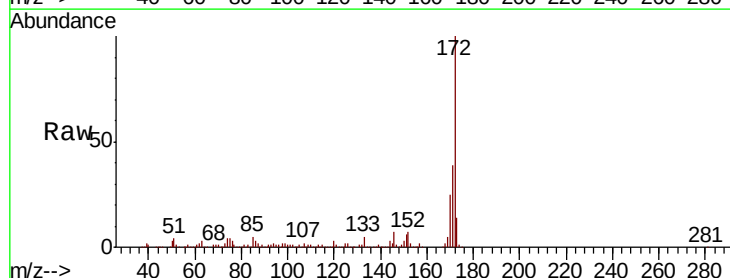


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

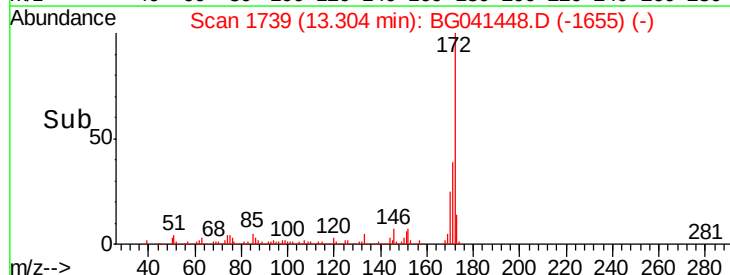
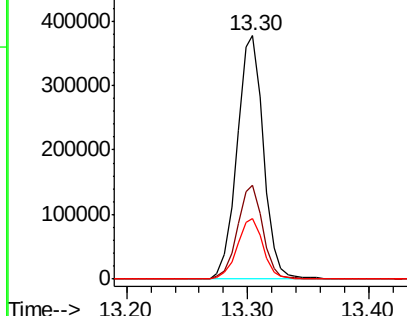


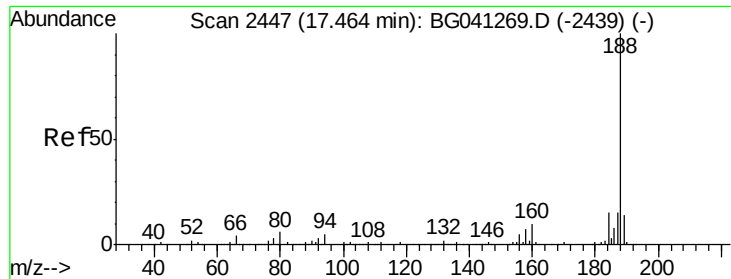
#45
 2-Fluorobiphenyl
 Concen: 104.844 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.04 min
 Lab File: BG041448.D
 Acq: 25 Jun 2019 17:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.1	19.8	29.6



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: 17.43 min Scan# 2441

Delta R.T. -0.04 min

Lab File: BG041448.D

Acq: 25 Jun 2019 17:46

Instrument :

BNA_G

ClientSampleId :

TR-04-062419

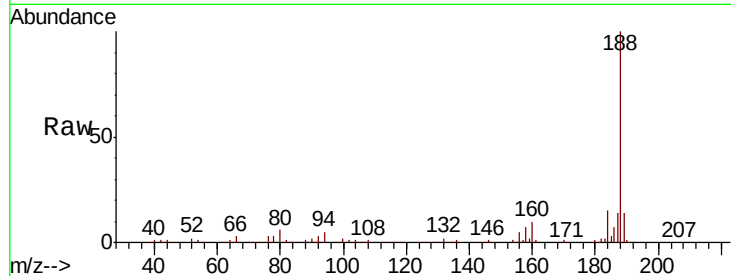
Tot Ion:188 Resp: 194511

Ion Ratio Lower Upper

188 100

94 5.2 3.6 5.4

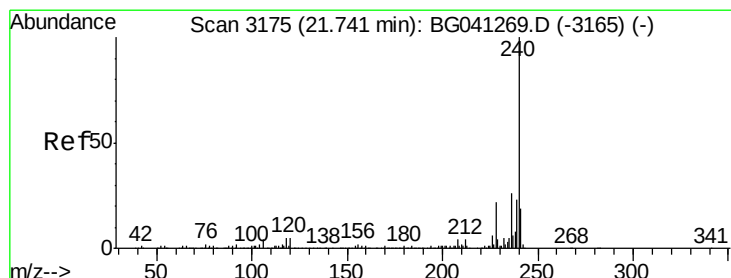
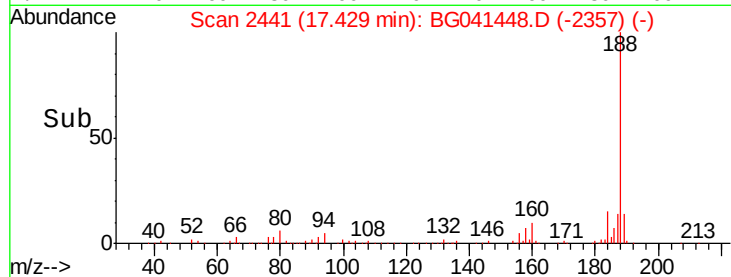
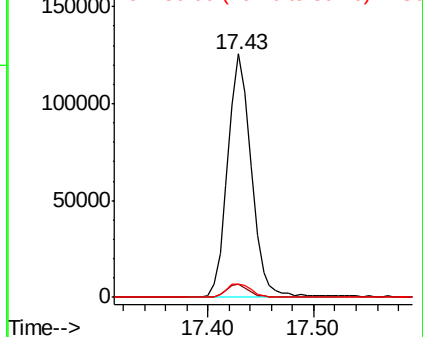
80 5.7 4.8 7.2



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.04 min

Lab File: BG041448.D

Acq: 25 Jun 2019 17:46

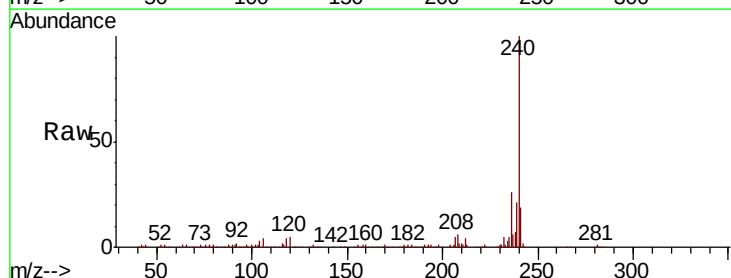
Tgt Ion:240 Resp: 210838

Ion Ratio Lower Upper

240 100

120 4.9 3.7 5.5

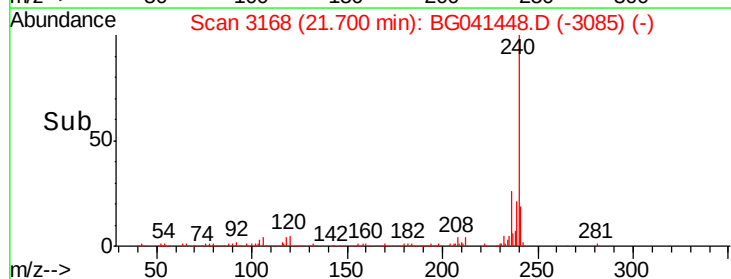
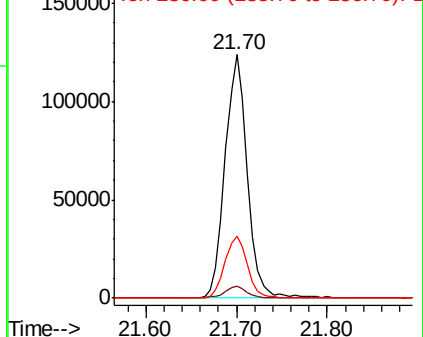
236 25.7 21.1 31.7

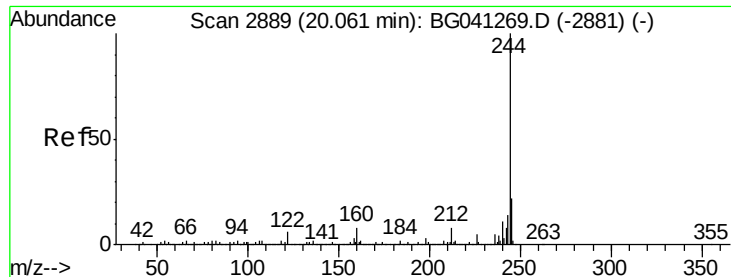


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 106.708 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.04 min

Lab File: BG041448.D

Acq: 25 Jun 2019 17:46

Instrument :

BNA_G

ClientSampleId :

TR-04-062419

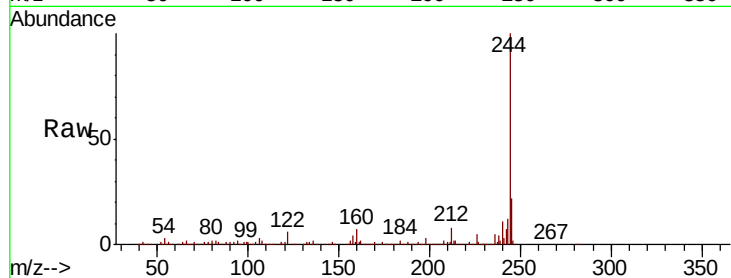
Tot Ion:244 Resp: 1135234

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

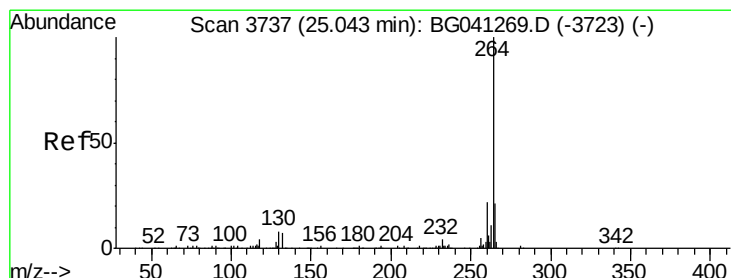
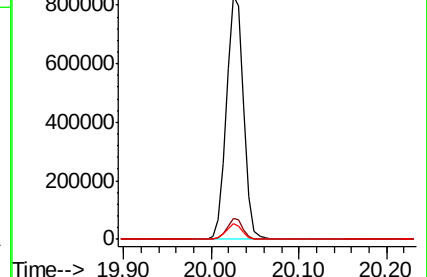
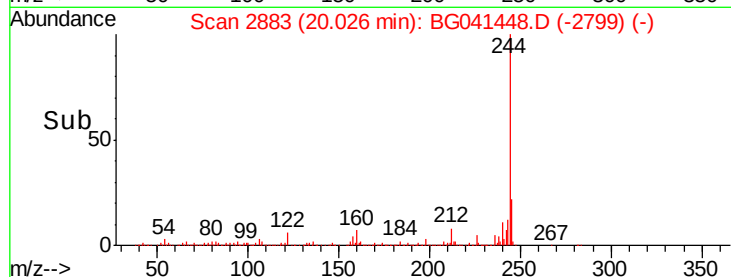
122 6.5 5.0 7.4



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: 24.98 min Scan# 3727

Delta R.T. -0.06 min

Lab File: BG041448.D

Acq: 25 Jun 2019 17:46

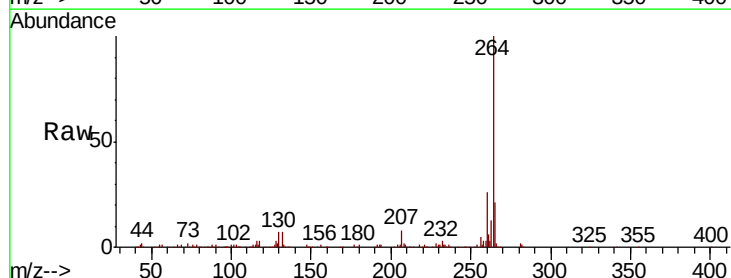
Tgt Ion:264 Resp: 217962

Ion Ratio Lower Upper

264 100

260 25.7 17.4 26.2

265 21.4 17.2 25.8



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

