

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070219\
 Data File : BG041569.D
 Acq On : 2 Jul 2019 12:45
 Operator : HP/JU
 Sample : K3519-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP19-LF2RES

Quant Time: Jul 03 02:16:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	27429	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	90634	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	63023	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	178407	20.00	ng	0.00
76) Chrysene-d12	21.70	240	209747	20.00	ng	0.00
87) Perylene-d12	24.99	264	222582	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	86543	56.25	ng	0.00
7) Phenol-d6	7.19	99	67994	31.39	ng	0.00
23) Nitrobenzene-d5	9.21	82	203662	93.72	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	162344	150.87	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	473250	96.36	ng	0.00
79) Terphenyl-d14	20.03	244	1035791	104.94	ng	0.00

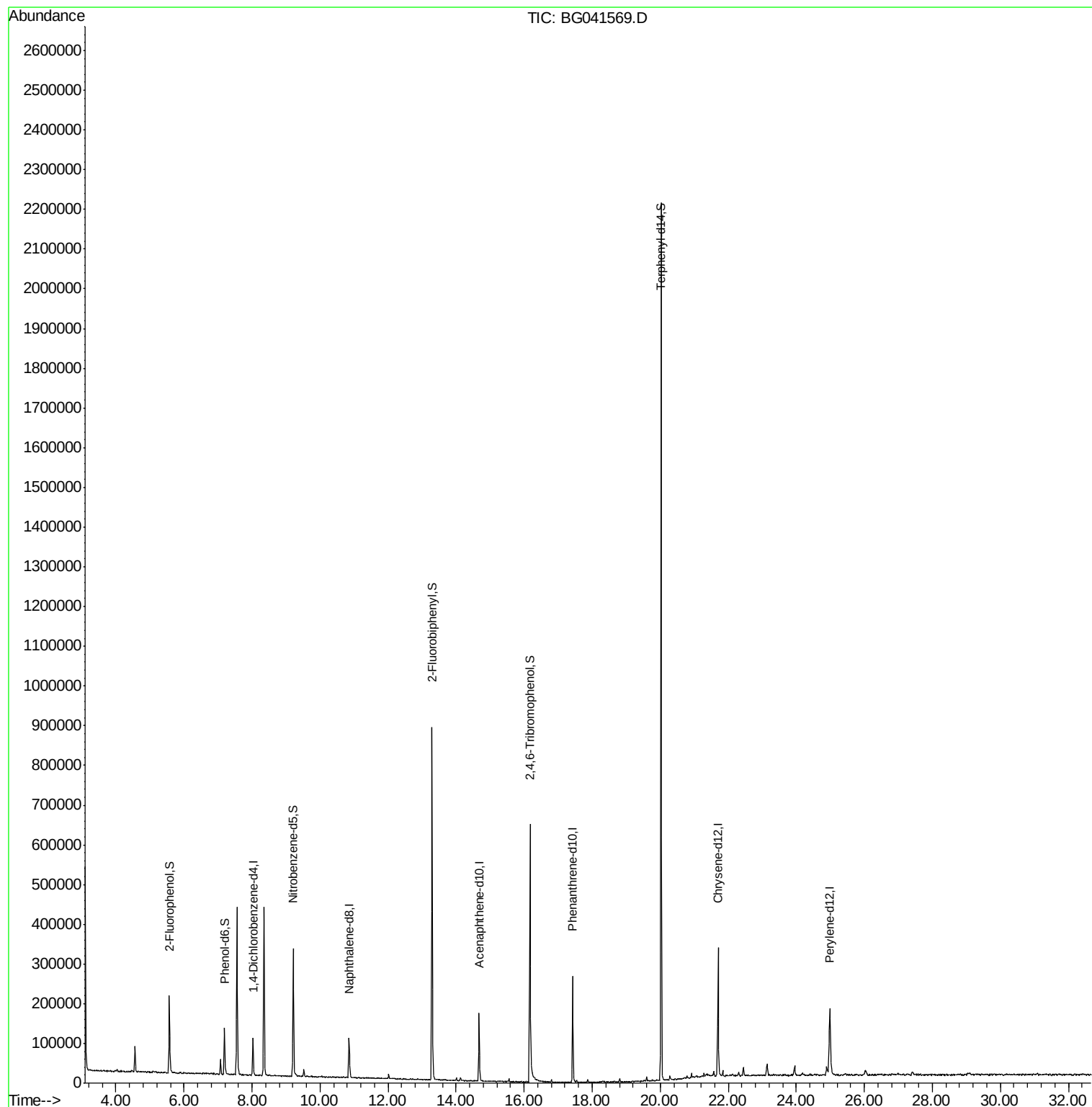
Target Compounds Qvalue

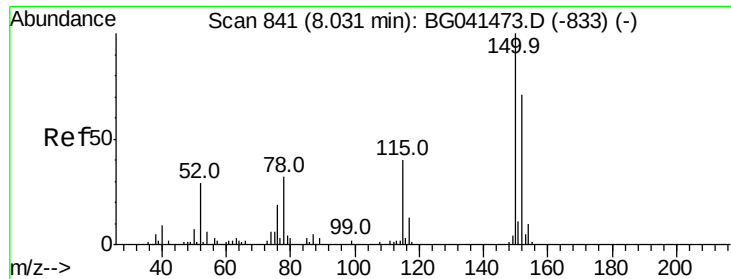
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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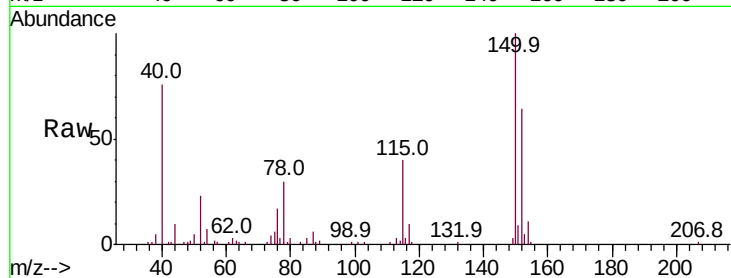


#1

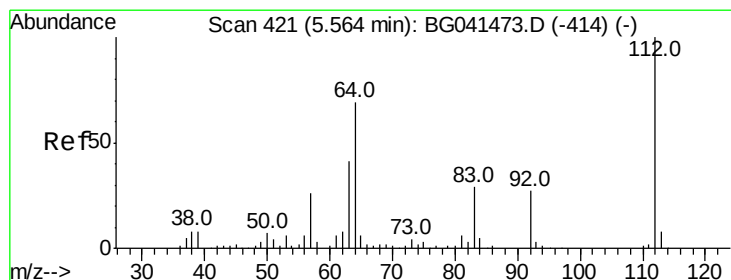
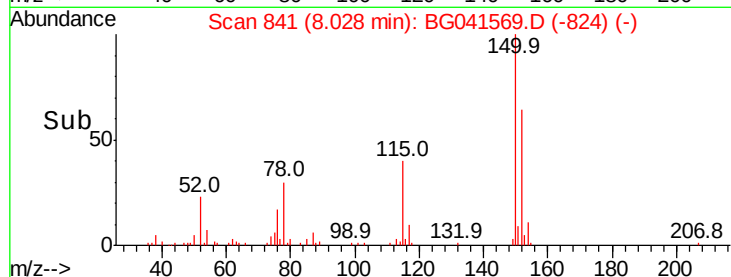
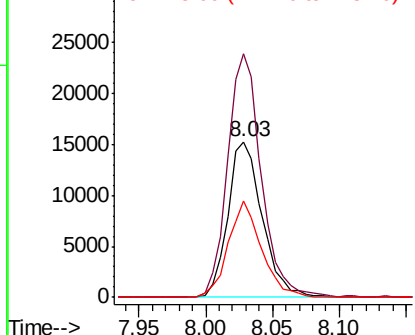
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041569.D
Acq: 2 Jul 2019 12:45

Instrument :
BNA_G
ClientSampleId :
SP19-LF2RES

Tot Ion:152 Resp: 27429
Ion Ratio Lower Upper
152 100
150 156.8 112.4 168.6
115 62.1 44.6 66.8



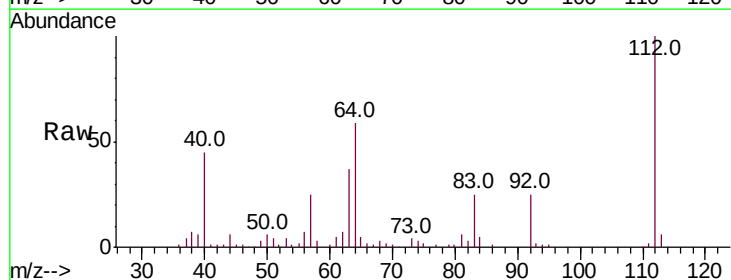
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



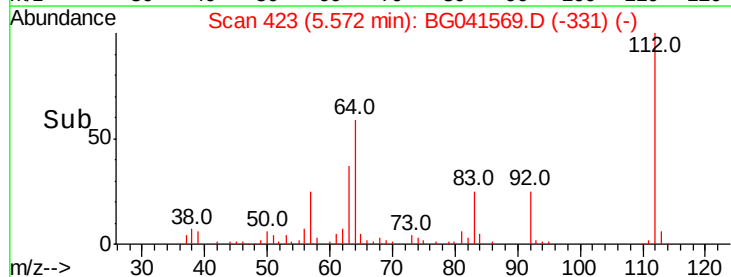
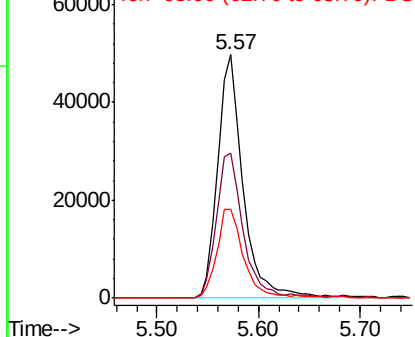
#5

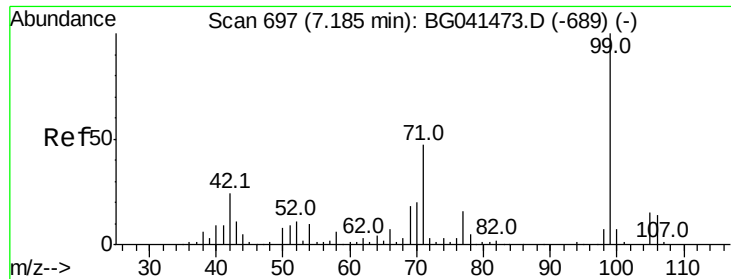
2-Fluorophenol
Concen: 56.252 ng
RT: 5.57 min Scan# 423
Delta R.T. 0.01 min
Lab File: BG041569.D
Acq: 2 Jul 2019 12:45

Tgt Ion:112 Resp: 86543
Ion Ratio Lower Upper
112 100
64 59.3 55.1 82.7
63 36.6 32.4 48.6



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: 31.395 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041569.D

Acq: 2 Jul 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SP19-LF2RES

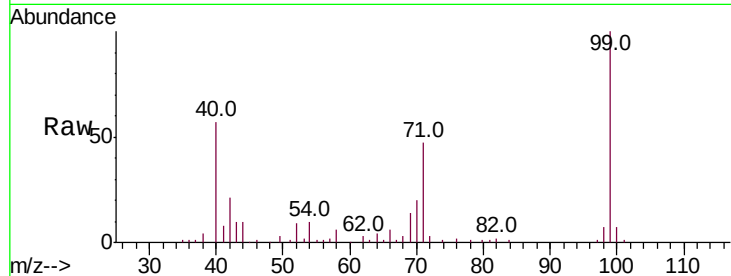
Tot Ion: 99 Resp: 67994

Ion Ratio Lower Upper

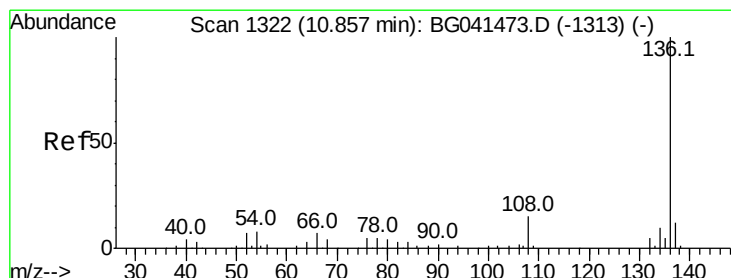
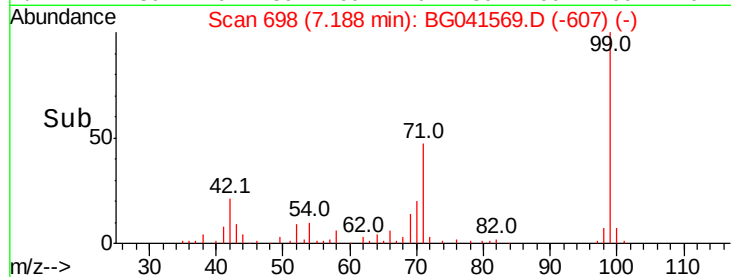
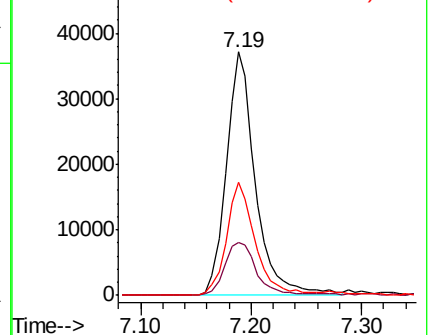
99 100

42 21.5 19.0 28.6

71 46.6 37.4 56.2



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: 10.85 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG041569.D

Acq: 2 Jul 2019 12:45

Tgt Ion: 136 Resp: 90634

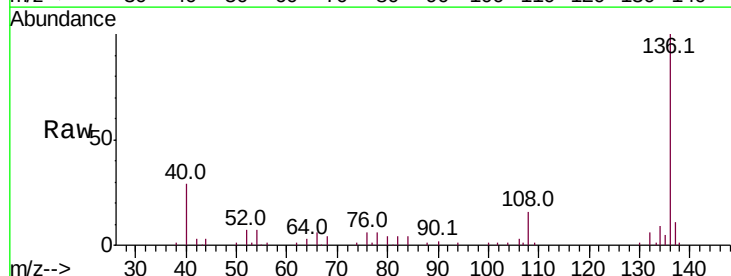
Ion Ratio Lower Upper

136 100

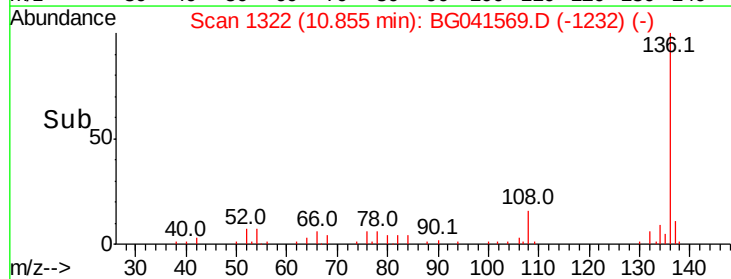
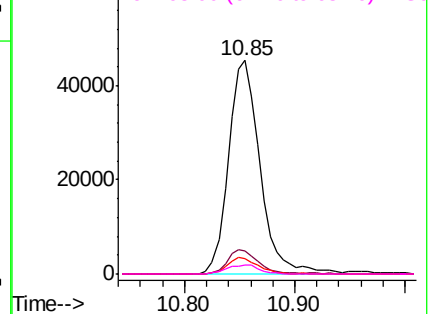
137 10.5 9.3 13.9

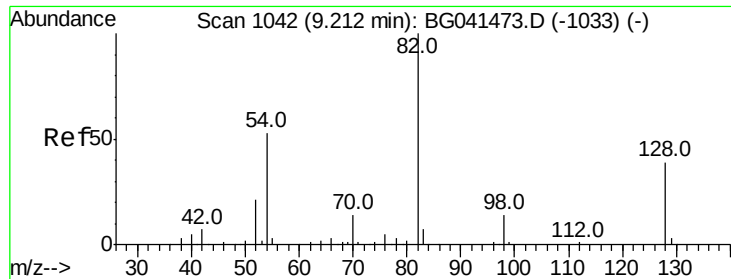
54 6.9 7.1 10.7#

68 4.1 3.3 4.9



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

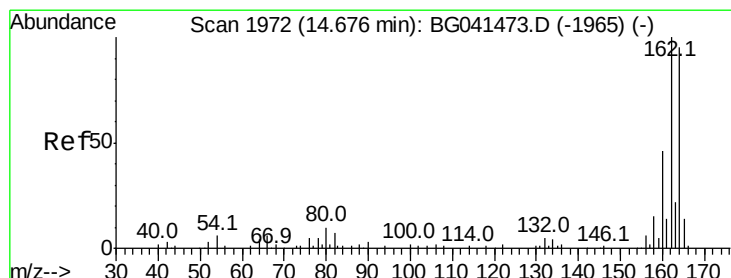
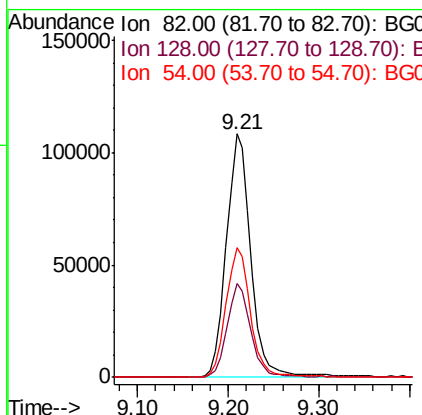
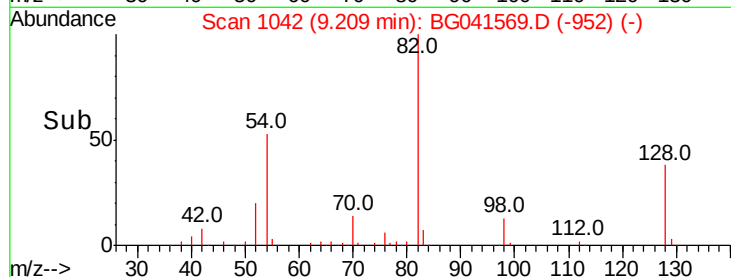
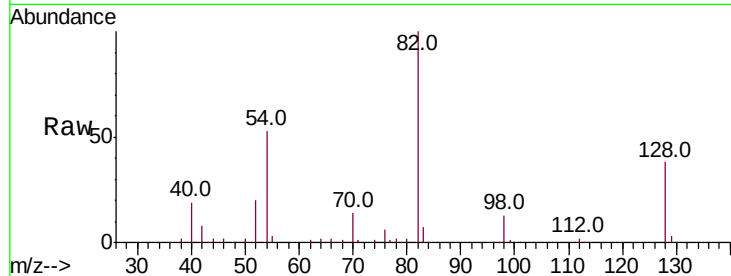




#23
Nitrobenzene-d5
Concen: 93.719 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041569.D
Acq: 2 Jul 2019 12:45

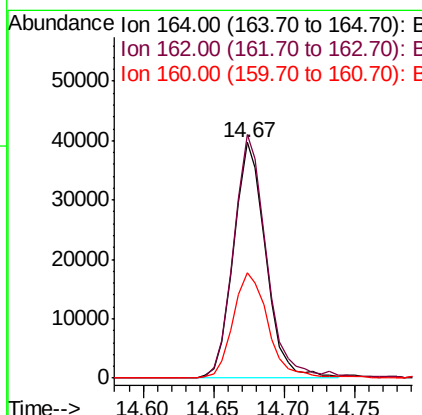
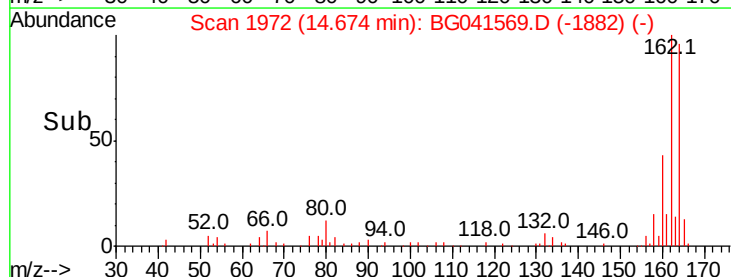
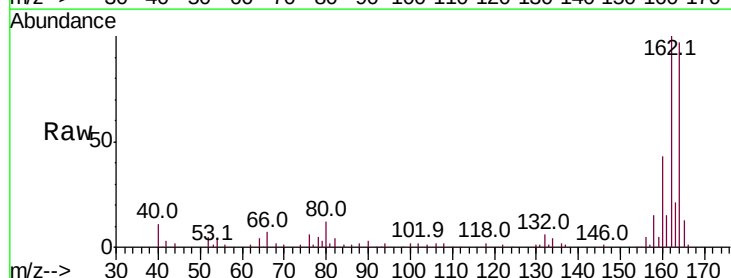
Instrument :
BNA_G
ClientSampleId :
SP19-LF2RES

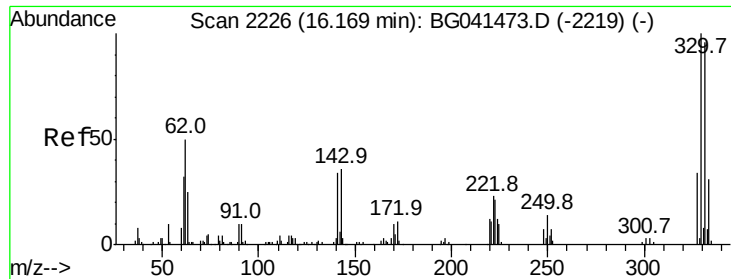
Tot Ion: 82 Resp: 203662
Ion Ratio Lower Upper
82 100
128 38.4 30.9 46.3
54 53.3 42.2 63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041569.D
Acq: 2 Jul 2019 12:45

Tgt Ion:164 Resp: 63023
Ion Ratio Lower Upper
164 100
162 103.4 84.4 126.6
160 44.9 38.8 58.2

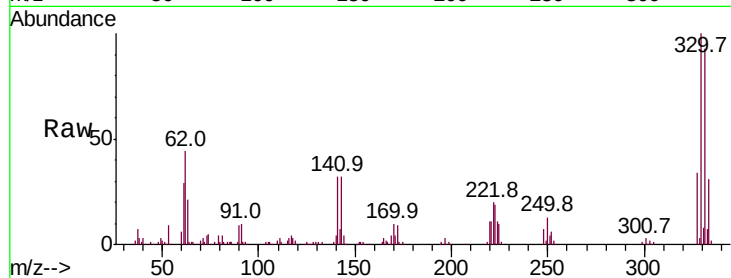




#42
 2,4,6-Tribromophenol
 Concen: 150.867 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. 0.00 min
 Lab File: BG041569.D
 Acq: 2 Jul 2019 12:45

Instrument :
 BNA_G
 ClientSampleId :
 SP19-LF2RES

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.5	113.3
141	33.8	27.8	41.6

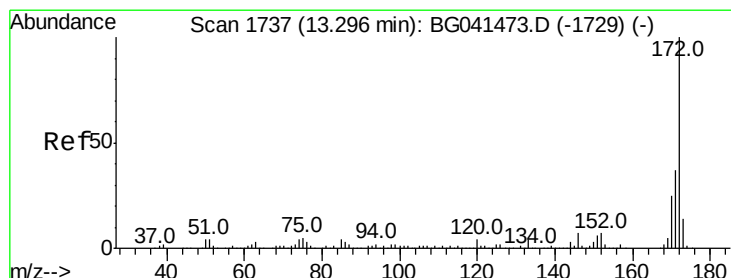
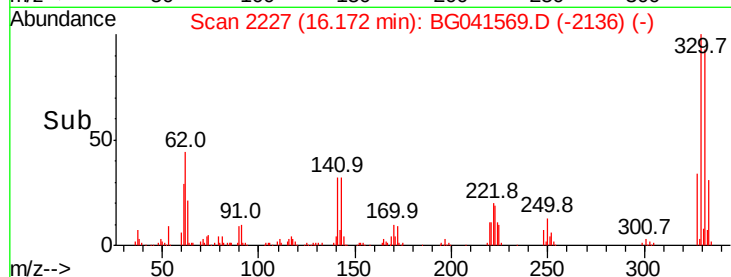
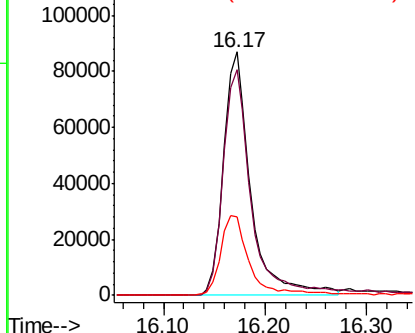


Abundance

Ion 329.80 (329.50 to 330.50): E

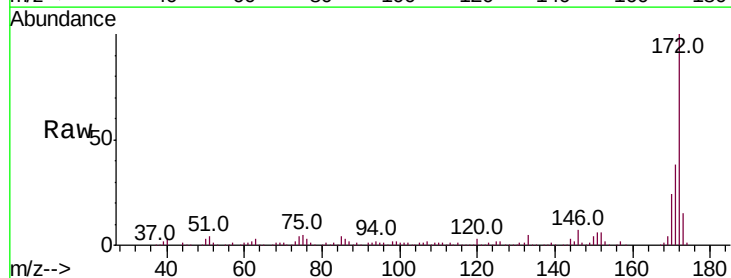
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 96.362 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041569.D
 Acq: 2 Jul 2019 12:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.6	44.4
170	24.2	20.0	30.0

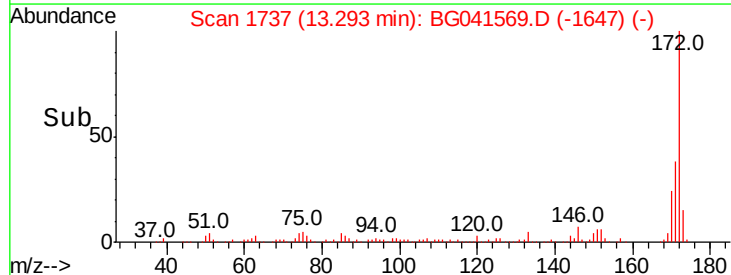
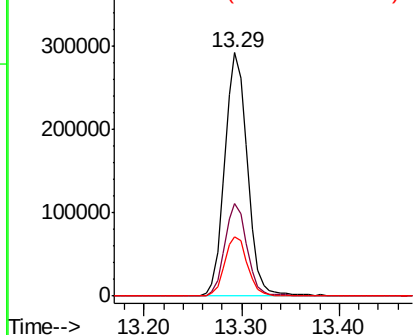


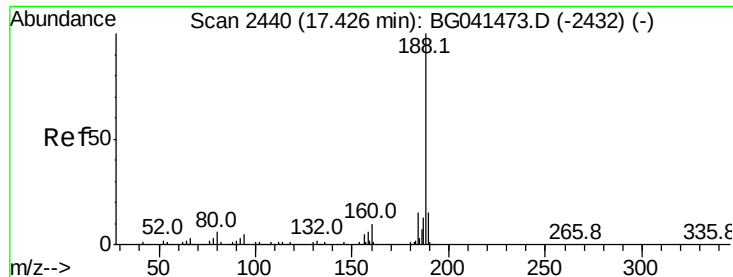
Abundance

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: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG041569.D

Acq: 2 Jul 2019 12:45

Instrument :

BNA_G

ClientSampleId :

SP19-LF2RES

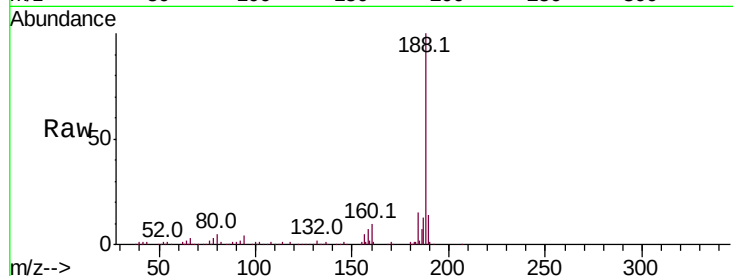
Tot Ion:188 Resp: 178407

Ion Ratio Lower Upper

188 100

94 4.3 3.8 5.8

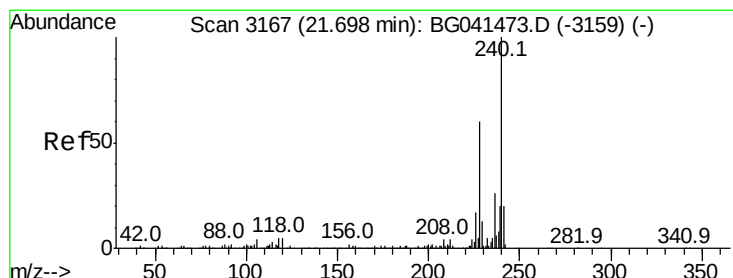
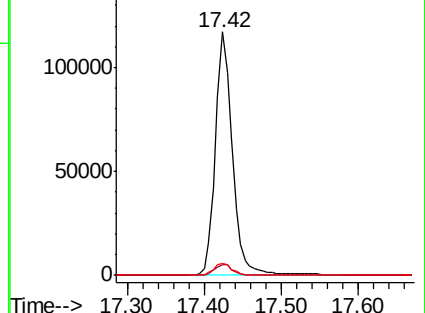
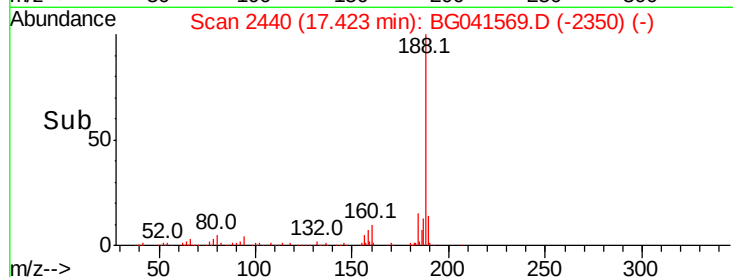
80 4.9 4.8 7.2



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: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG041569.D

Acq: 2 Jul 2019 12:45

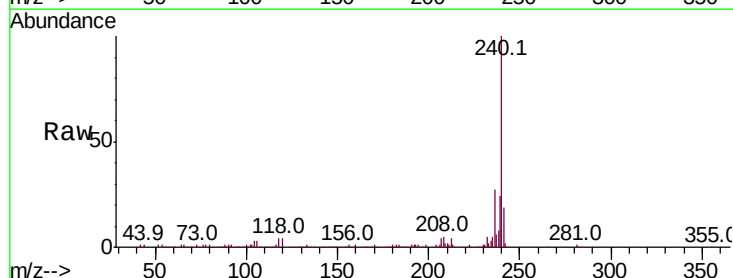
Tgt Ion:240 Resp: 209747

Ion Ratio Lower Upper

240 100

120 4.3 3.7 5.5

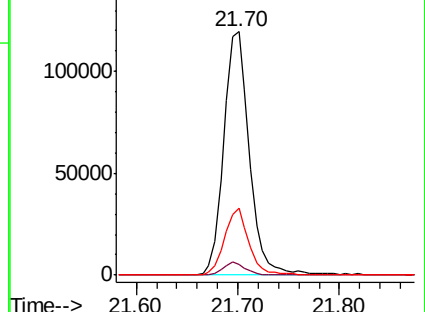
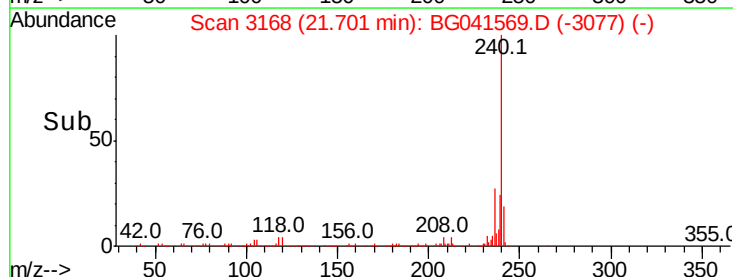
236 27.5 20.8 31.2

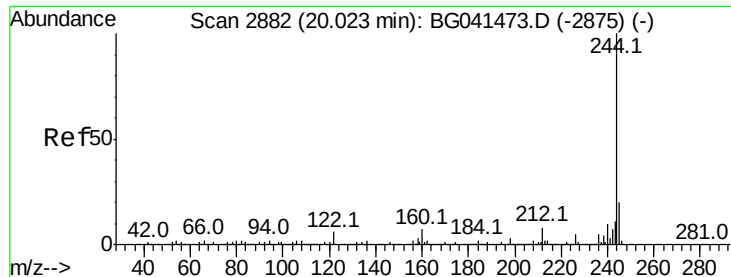


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.943 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041569.D

Acq: 2 Jul 2019 12:45

Instrument :

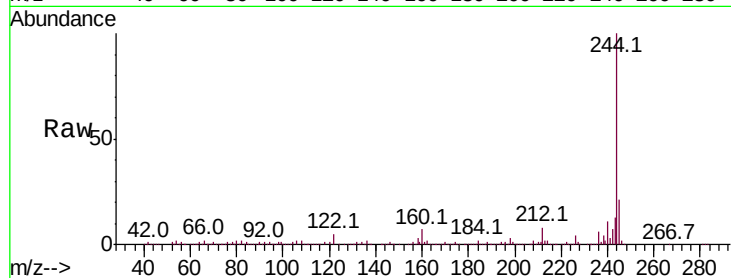
BNA_G

ClientSampleId :

SP19-LF2RES

Tot Ion:244 Resp: 1035791

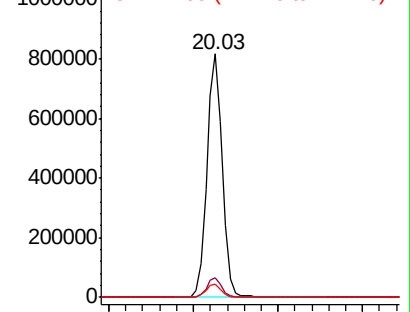
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.4
122	5.5	4.8	7.2



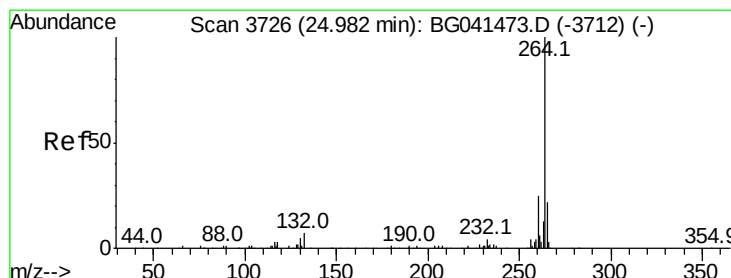
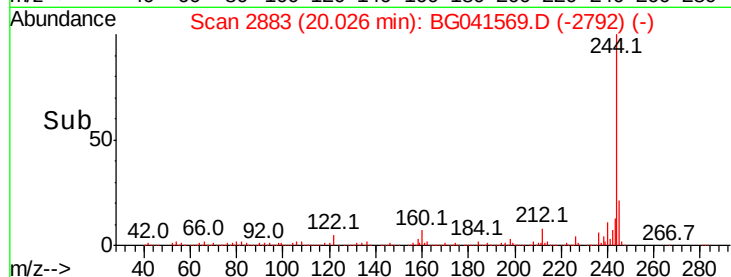
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.00 20.10 20.20



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.99 min Scan# 3728

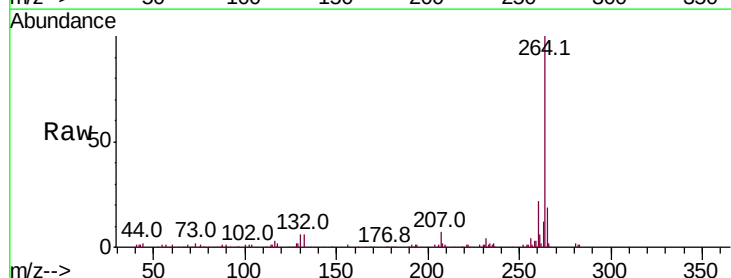
Delta R.T. 0.01 min

Lab File: BG041569.D

Acq: 2 Jul 2019 12:45

Tgt Ion:264 Resp: 222582

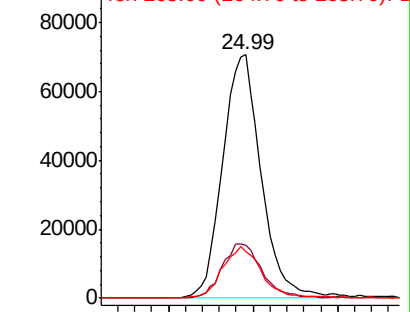
Ion	Ratio	Lower	Upper
264	100		
260	21.6	19.7	29.5
265	19.3	17.4	26.2



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



Time--> 24.90 25.00 25.10

