

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070219\
 Data File : BG041566.D
 Acq On : 2 Jul 2019 10:03
 Operator : HP/JU
 Sample : K3519-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP19-LF2MW2

Quant Time: Jul 03 01:59:37 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	28093	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	93339	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	64429	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	174895	20.00	ng	0.00
76) Chrysene-d12	21.70	240	223213	20.00	ng	0.00
87) Perylene-d12	24.99	264	243469	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	99454	63.12	ng	0.00
7) Phenol-d6	7.19	99	79472	35.83	ng	0.00
23) Nitrobenzene-d5	9.21	82	208910	93.35	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	183506	166.81	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	476613	94.93	ng	0.00
79) Terphenyl-d14	20.03	244	1041505	99.16	ng	0.00

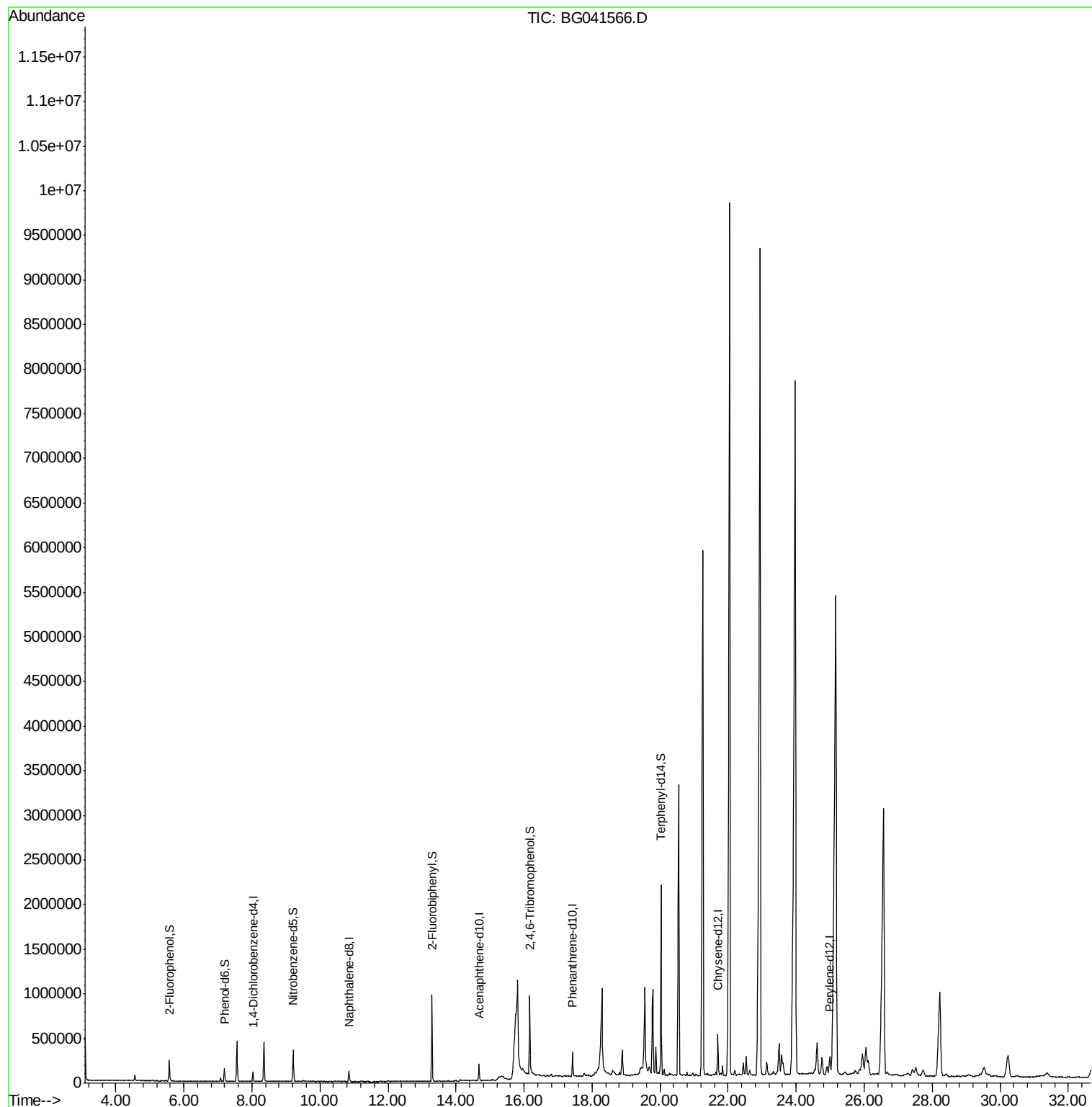
Target Compounds Qvalue

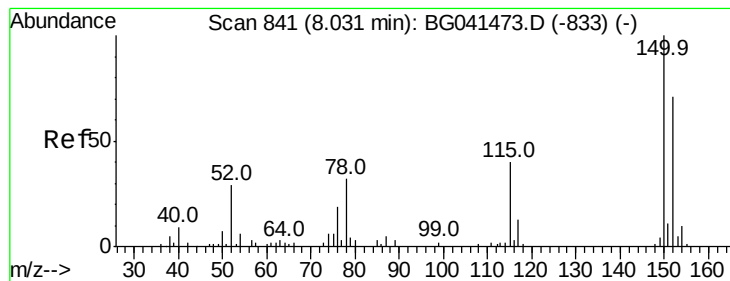
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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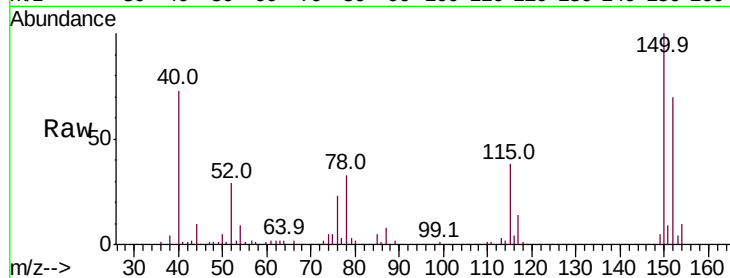


#1

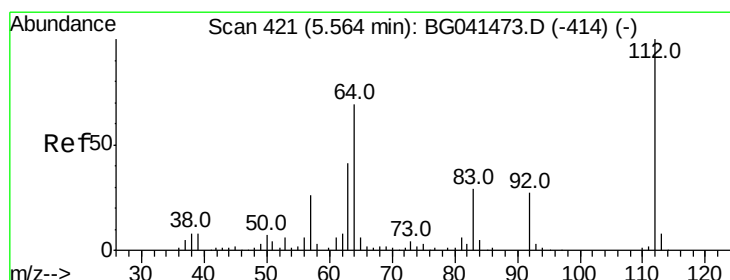
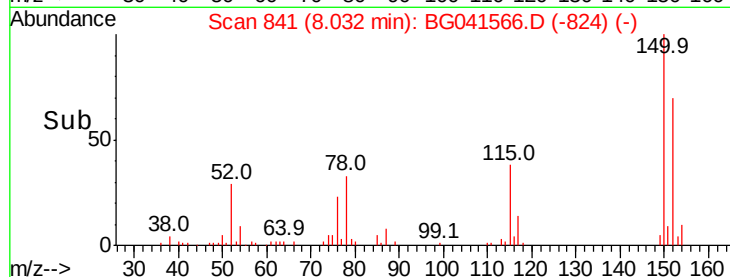
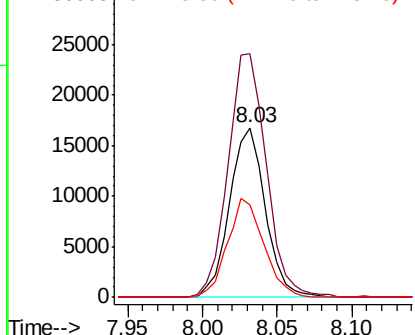
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BG041566.D
Acq: 2 Jul 2019 10:03

Instrument :
BNA_G
ClientSampleId :
SP19-LF2MW2

Tot Ion:152 Resp: 28093
Ion Ratio Lower Upper
152 100
150 143.4 112.4 168.6
115 54.5 44.6 66.8



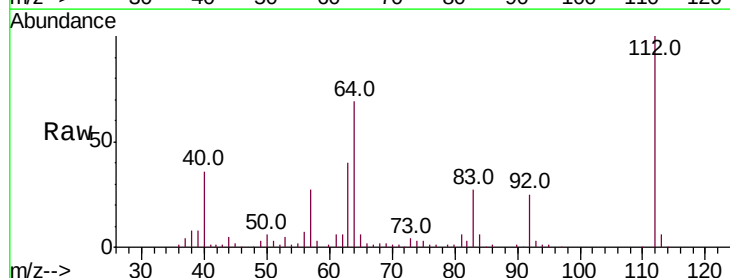
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



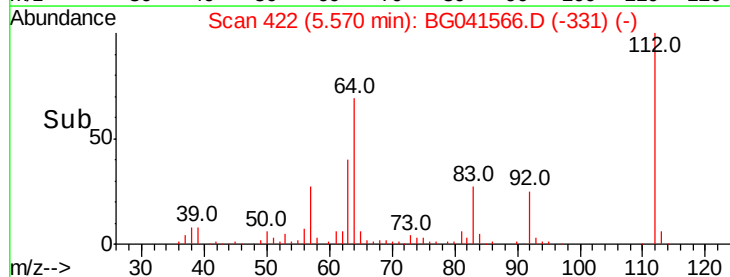
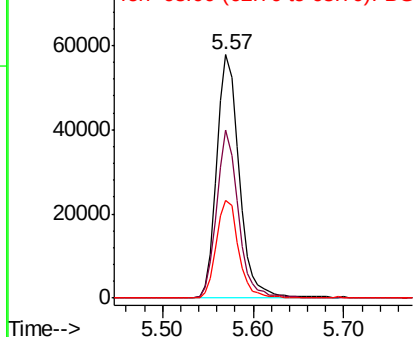
#5

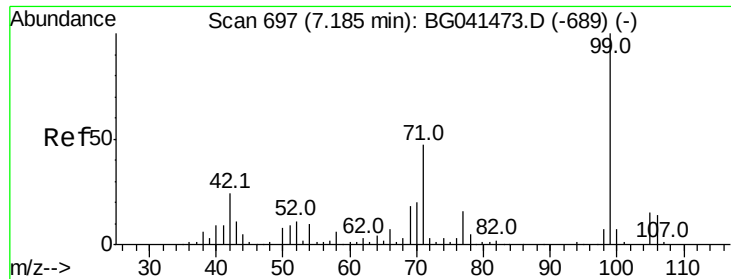
2-Fluorophenol
Concen: 63.116 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG041566.D
Acq: 2 Jul 2019 10:03

Tgt Ion:112 Resp: 99454
Ion Ratio Lower Upper
112 100
64 69.1 55.1 82.7
63 40.2 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: 35.827 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG041566.D

Acq: 2 Jul 2019 10:03

Instrument :

BNA_G

ClientSampleId :

SP19-LF2MW2

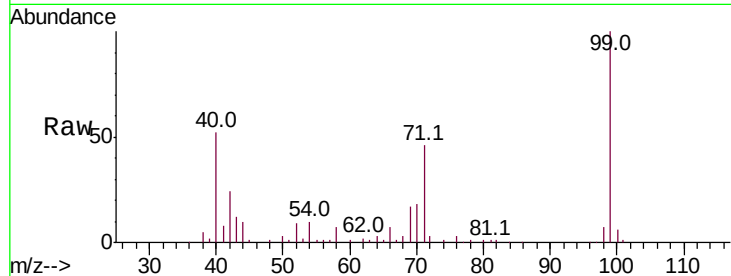
Tot Ion: 99 Resp: 79472

Ion Ratio Lower Upper

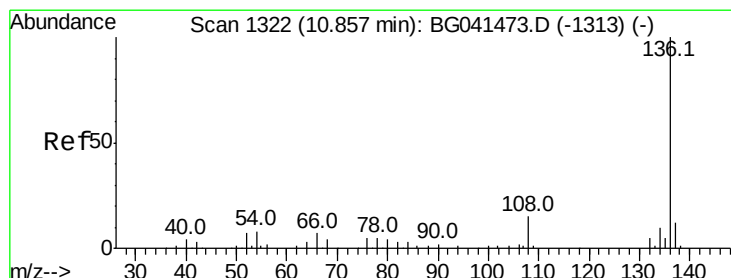
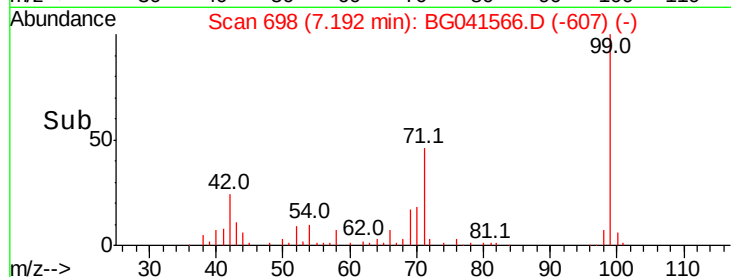
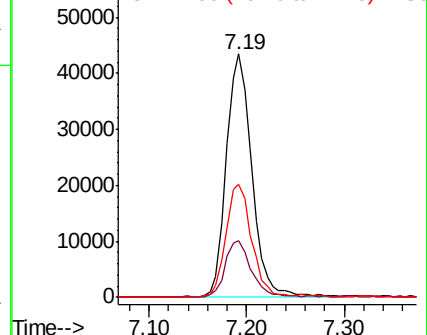
99 100

42 23.5 19.0 28.6

71 46.3 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# 1321

Delta R.T. -0.01 min

Lab File: BG041566.D

Acq: 2 Jul 2019 10:03

Tgt Ion: 136 Resp: 93339

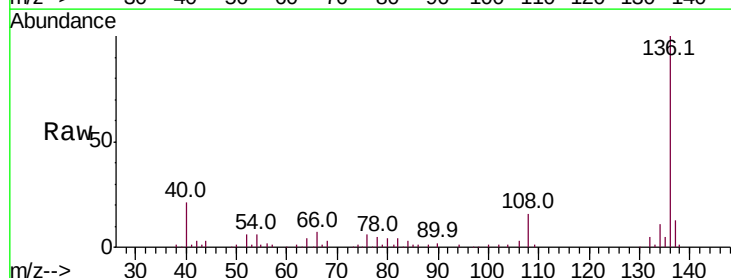
Ion Ratio Lower Upper

136 100

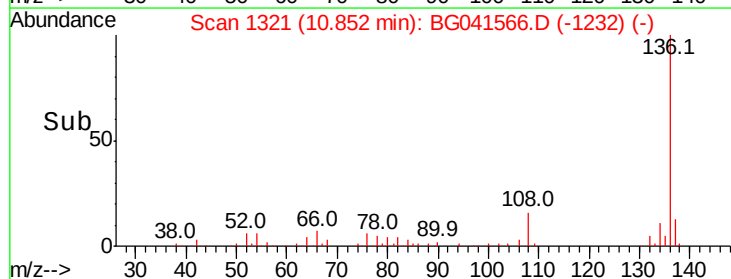
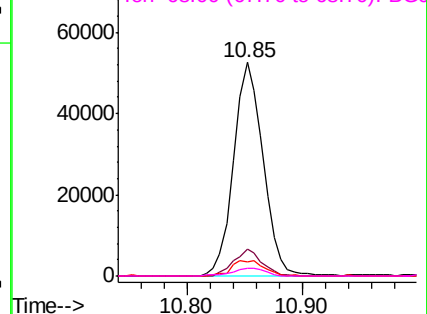
137 12.8 9.3 13.9

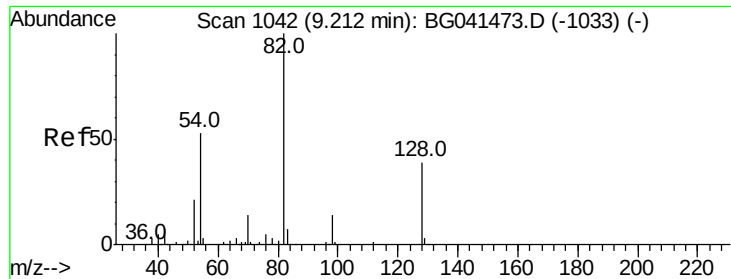
54 6.3 7.1 10.7#

68 3.5 3.3 4.9



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

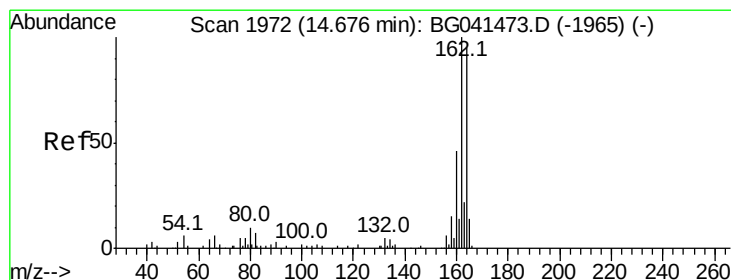
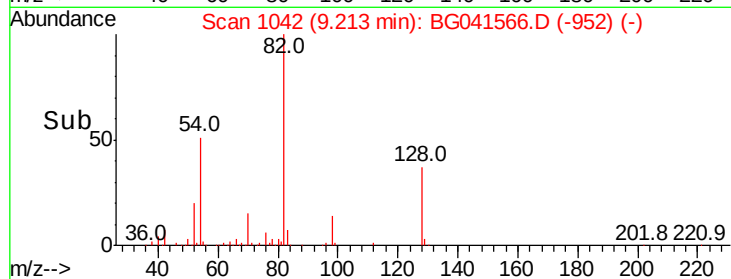
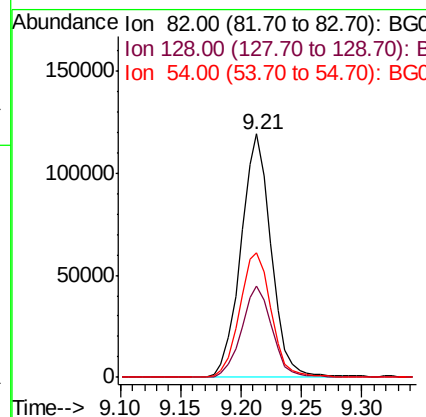
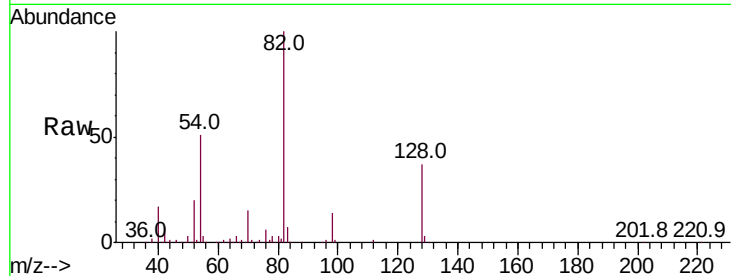




#23
 Nitrobenzene-d5
 Concen: 93.348 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG041566.D
 Acq: 2 Jul 2019 10:03

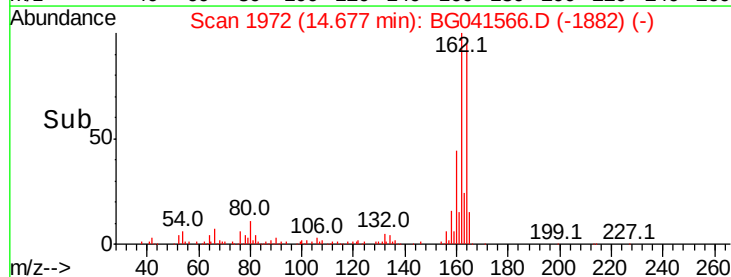
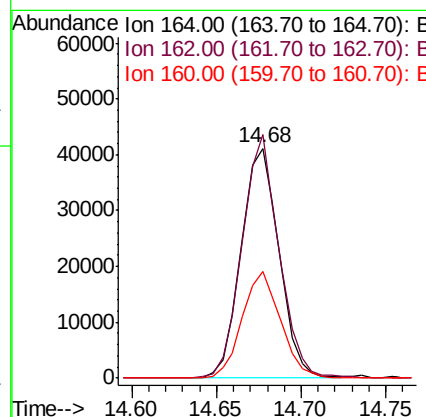
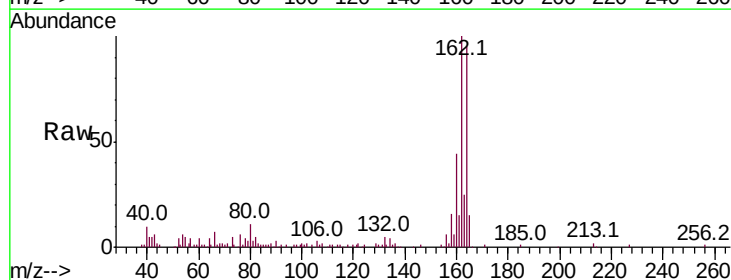
Instrument :
 BNA_G
 ClientSampleId :
 SP19-LF2MW2

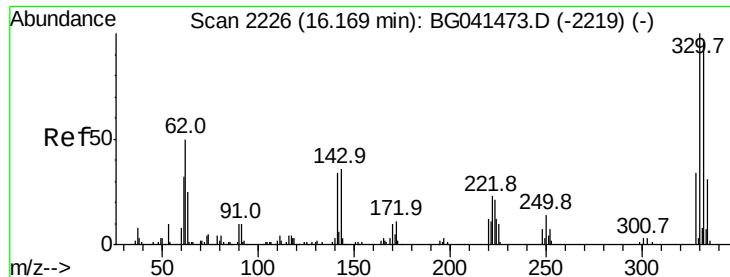
Tot Ion	82	Resp	208910
Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.9	46.3
54	51.2	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: BG041566.D
 Acq: 2 Jul 2019 10:03

Tgt Ion	164	Resp	64429
Ion	Ratio	Lower	Upper
164	100		
162	105.8	84.4	126.6
160	46.5	38.8	58.2

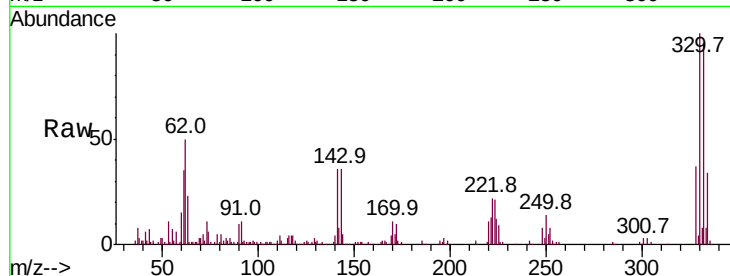




#42
 2,4,6-Tribromophenol
 Concen: 166.811 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BG041566.D
 Acq: 2 Jul 2019 10:03

Instrument :
 BNA_G
 ClientSampleId :
 SP19-LF2MW2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.5	113.3
141	36.2	27.8	41.6

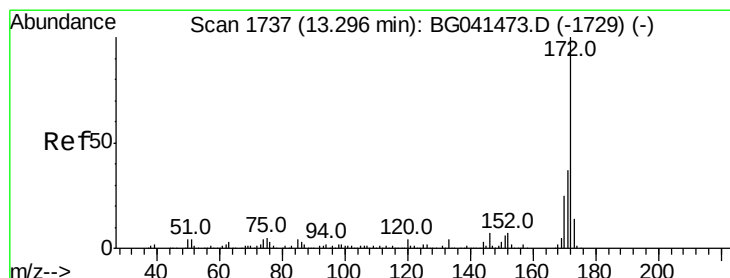
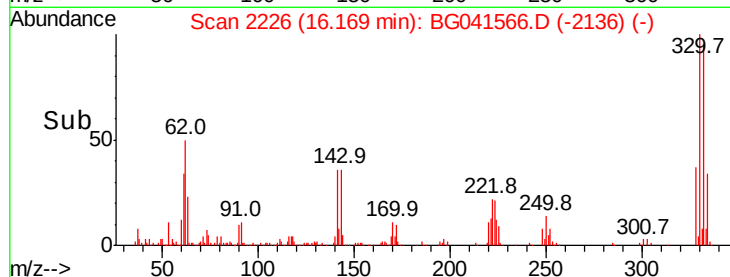
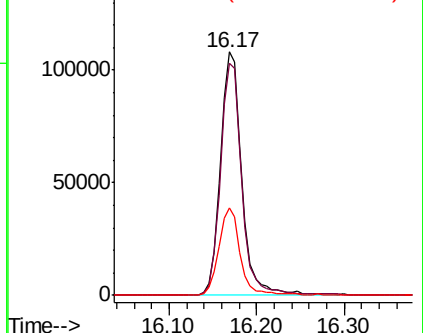


Abundance

Ion 329.80 (329.50 to 330.50): E

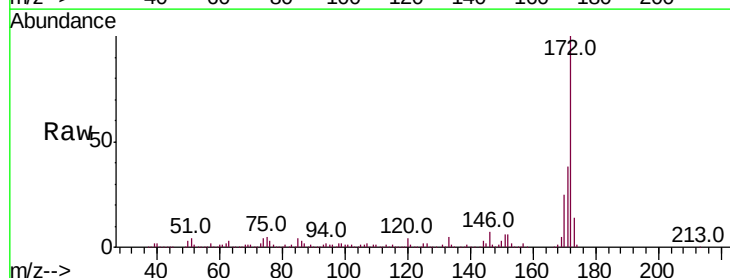
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.929 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: BG041566.D
 Acq: 2 Jul 2019 10:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.6	44.4
170	25.2	20.0	30.0

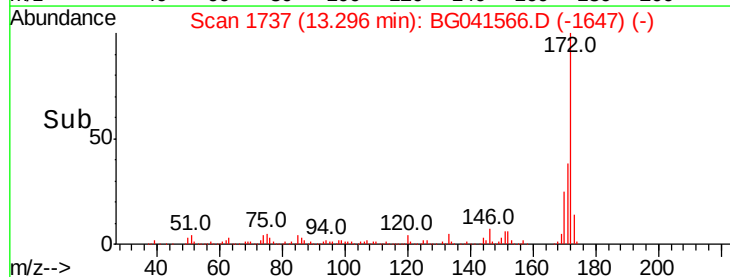
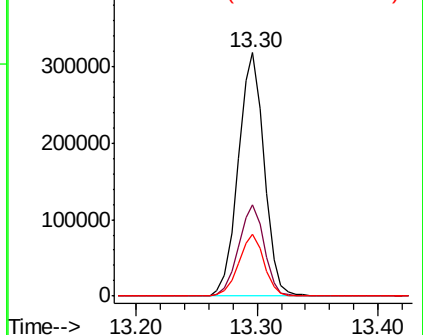


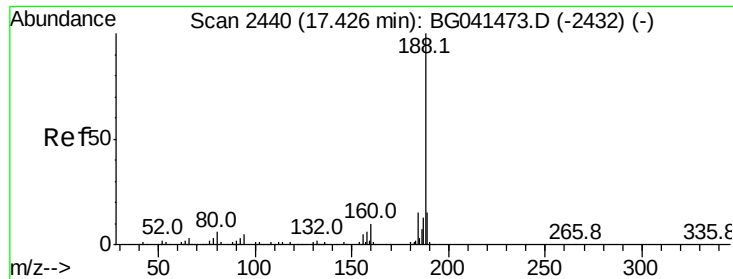
Abundance

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

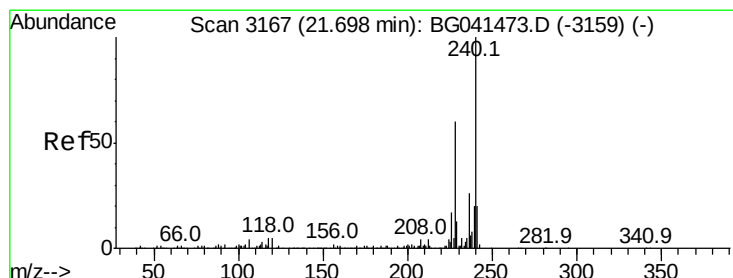
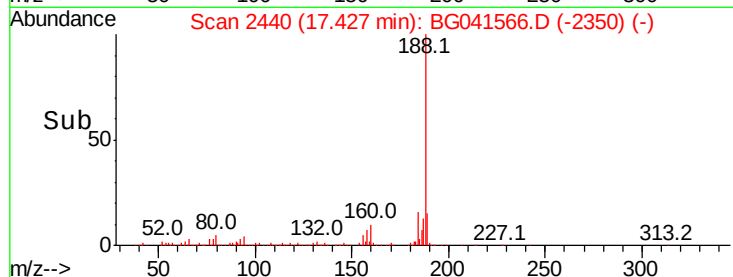
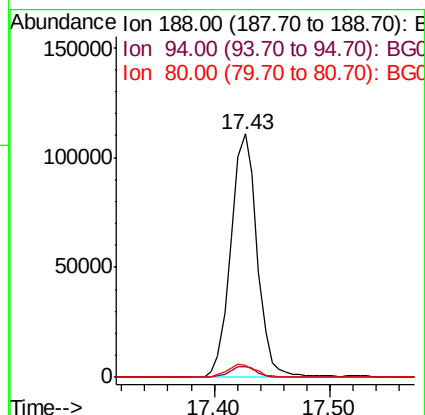
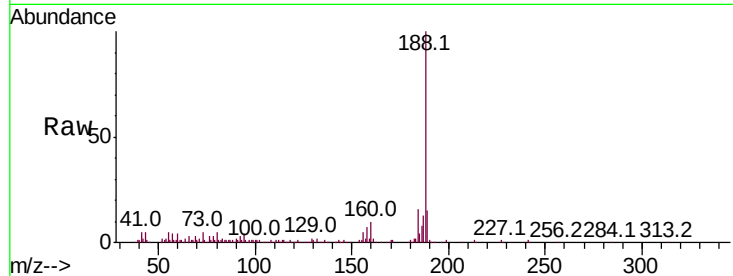




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG041566.D
Acq: 2 Jul 2019 10:03

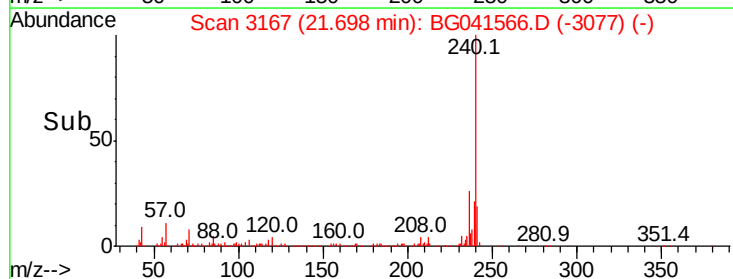
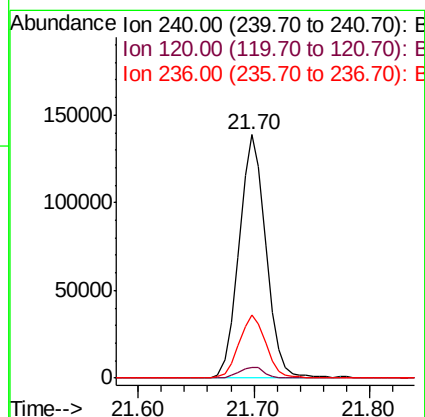
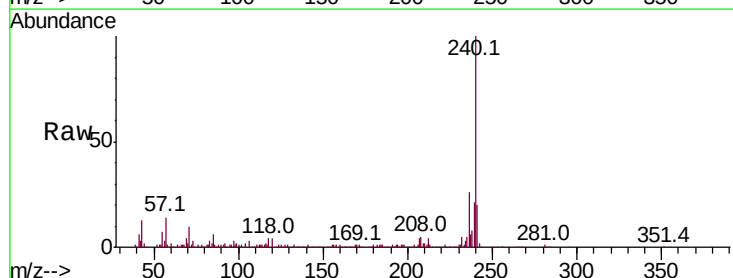
Instrument :
BNA_G
ClientSampleId :
SP19-LF2MW2

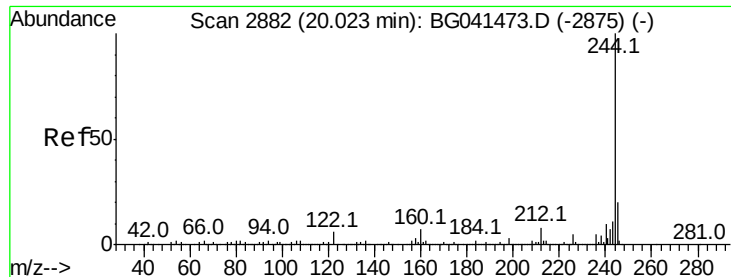
Tot Ion:188 Resp: 174895
Ion Ratio Lower Upper
188 100
94 4.2 3.8 5.8
80 5.1 4.8 7.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG041566.D
Acq: 2 Jul 2019 10:03

Tgt Ion:240 Resp: 223213
Ion Ratio Lower Upper
240 100
120 4.3 3.7 5.5
236 26.1 20.8 31.2





#79

Terphenyl-d14

Concen: 99.156 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.01 min

Lab File: BG041566.D

Acq: 2 Jul 2019 10:03

Instrument :

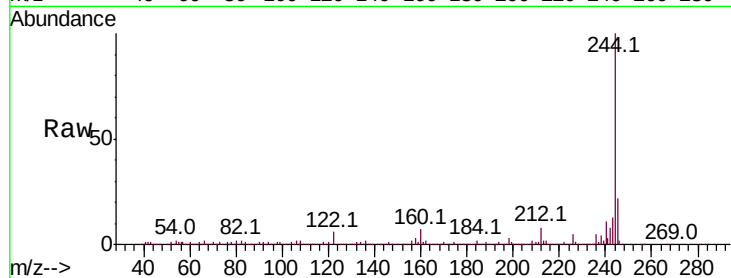
BNA_G

ClientSampleId :

SP19-LF2MW2

Tot Ion:244 Resp: 1041505

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.2	9.4
122	5.6	4.8	7.2

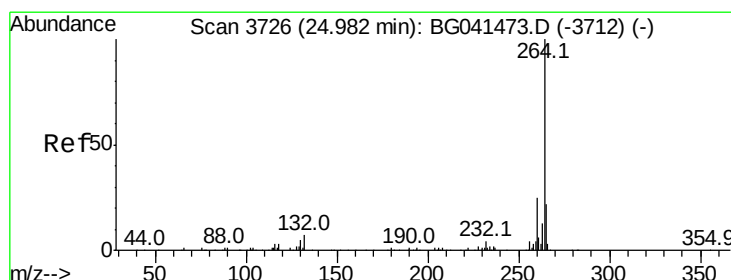
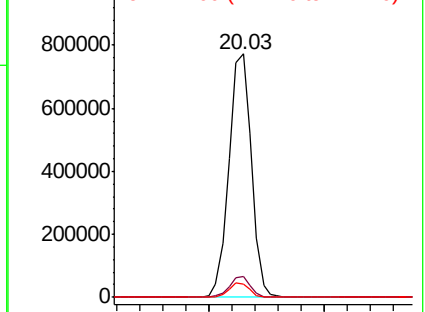
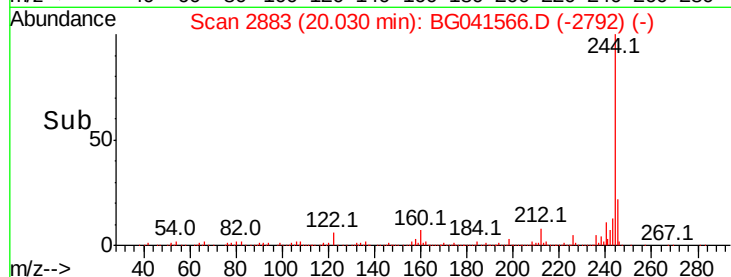


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.99 min Scan# 3727

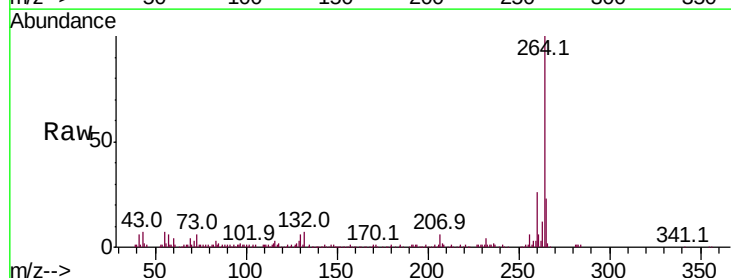
Delta R.T. 0.01 min

Lab File: BG041566.D

Acq: 2 Jul 2019 10:03

Tgt Ion:264 Resp: 243469

Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.7	29.5
265	22.6	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

