

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042722.D
 Acq On : 5 Sep 2019 16:12
 Operator : HP/JU
 Sample : PB122826BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122826BL

Quant Time: Sep 05 18:58:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	46784	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	175663	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	130227	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	317677	20.00	ng	0.00
76) Chrysene-d12	21.69	240	377376	20.00	ng	0.00
87) Perylene-d12	24.94	264	444326	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	217638	94.22	ng	0.00
7) Phenol-d6	7.16	99	275430	88.27	ng	0.00
23) Nitrobenzene-d5	9.17	82	154991	60.97	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	180105	97.30	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	532183	69.12	ng	0.00
79) Terphenyl-d14	20.02	244	1151376	65.96	ng	0.00

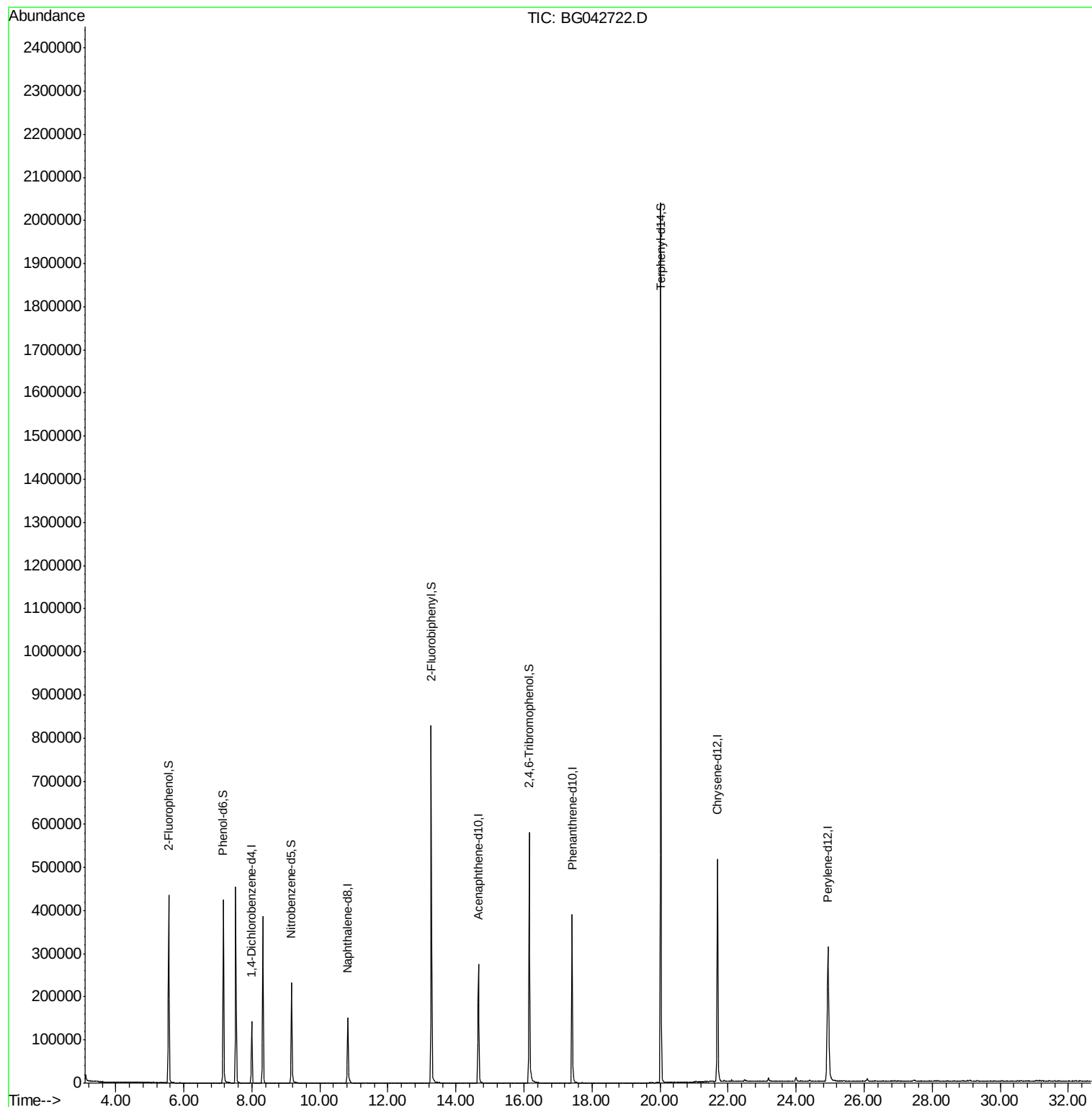
Target Compounds Qvalue

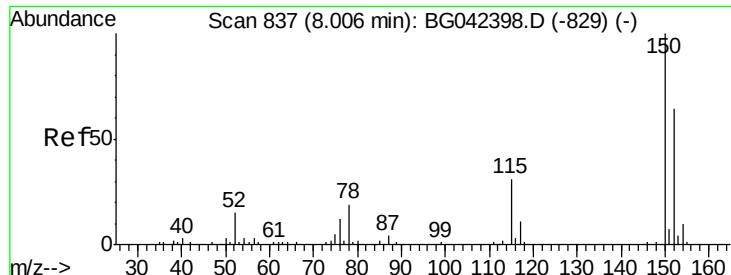
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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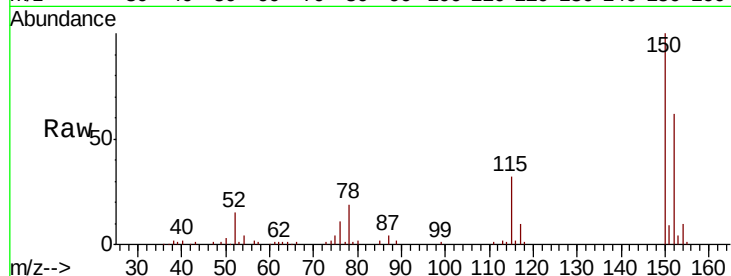


#1

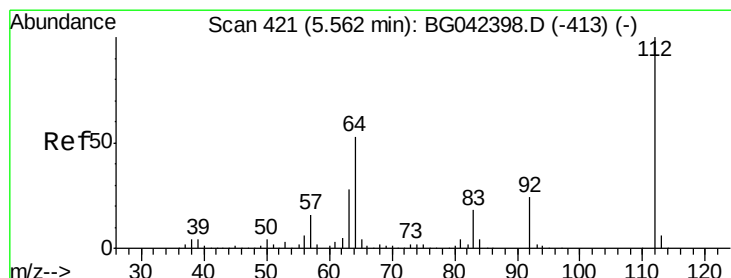
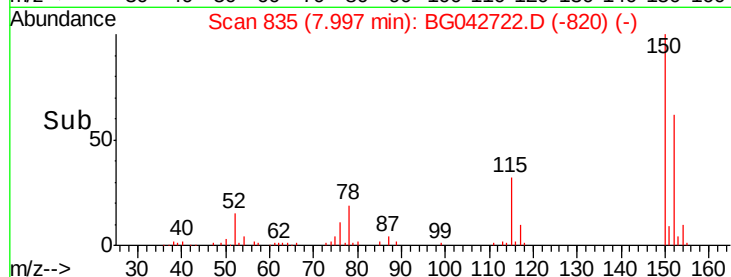
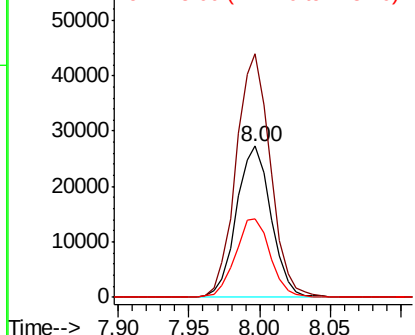
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042722.D
Acq: 5 Sep 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB122826BL

Tot Ion:152 Resp: 46784
Ion Ratio Lower Upper
152 100
150 161.3 125.4 188.0
115 52.3 38.5 57.7



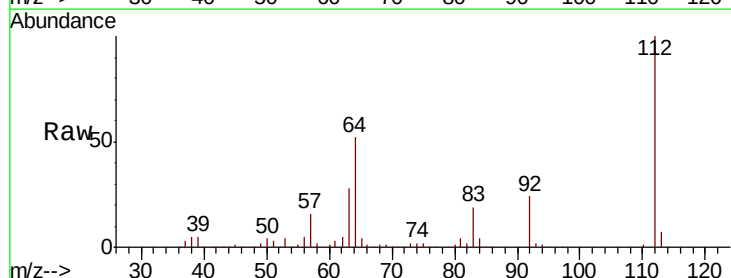
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



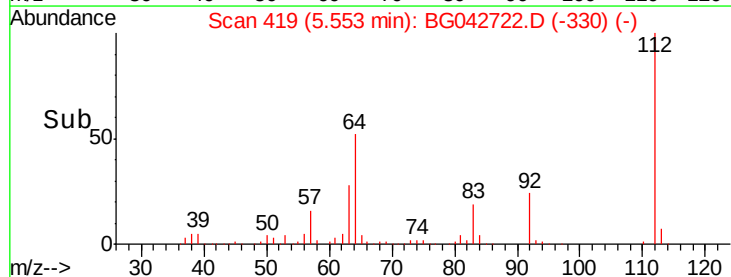
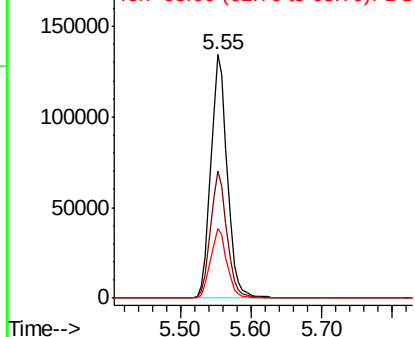
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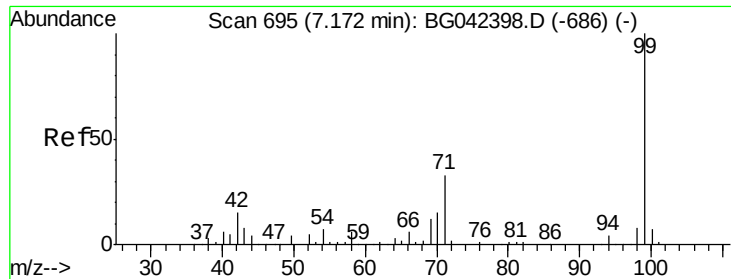
2-Fluorophenol
Concen: 94.216 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042722.D
Acq: 5 Sep 2019 16:12

Tgt Ion:112 Resp: 217638
Ion Ratio Lower Upper
112 100
64 52.3 42.8 64.2
63 28.3 22.7 34.1



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: 88.271 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042722.D

Acq: 5 Sep 2019 16:12

Instrument :

BNA_G

ClientSampleId :

PB122826BL

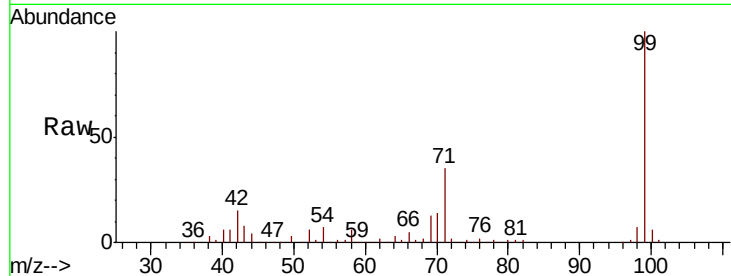
Tot Ion: 99 Resp: 275430

Ion Ratio Lower Upper

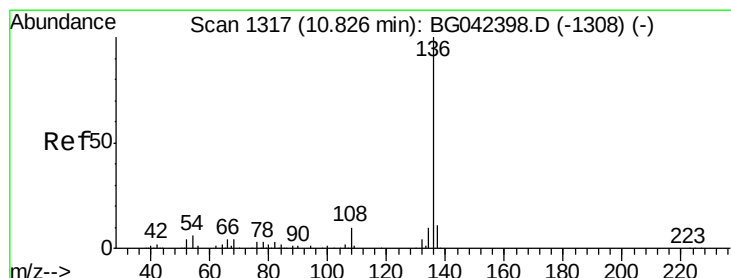
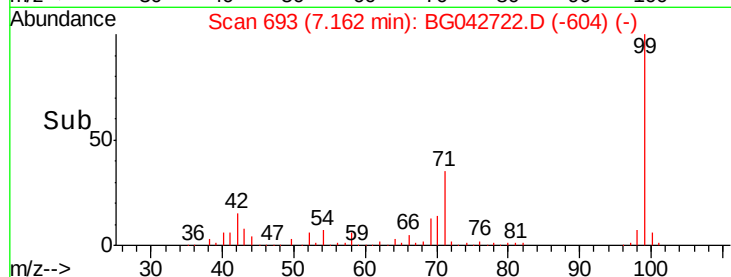
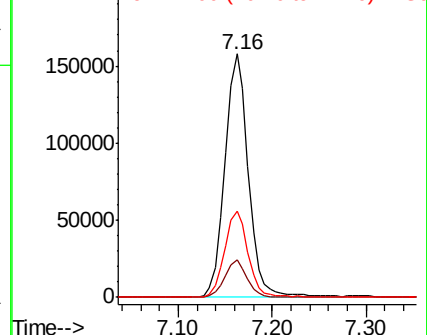
99 100

42 15.3 12.0 18.0

71 35.4 26.3 39.5



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: 10.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042722.D

Acq: 5 Sep 2019 16:12

Tgt Ion: 136 Resp: 175663

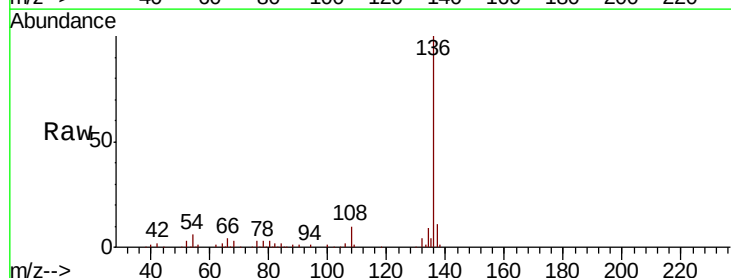
Ion Ratio Lower Upper

136 100

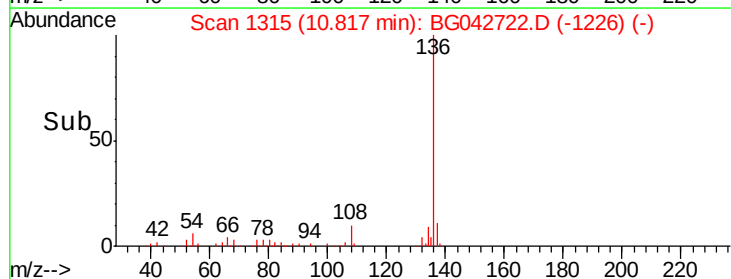
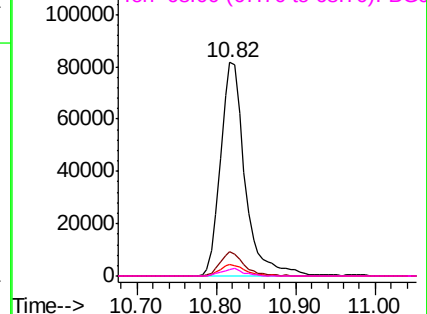
137 11.3 8.7 13.1

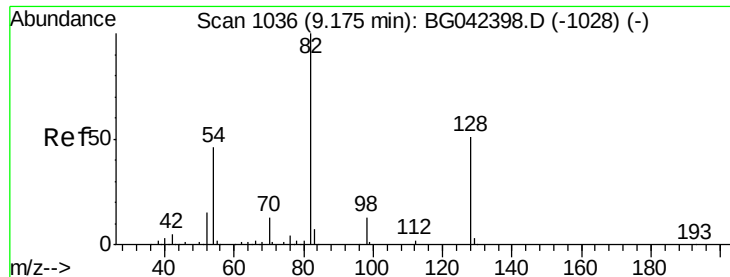
54 5.5 4.9 7.3

68 3.2 3.6 5.4#



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

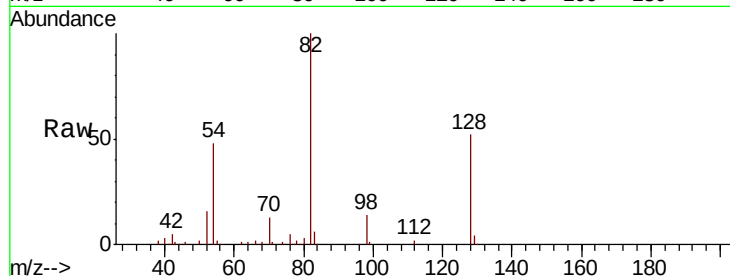




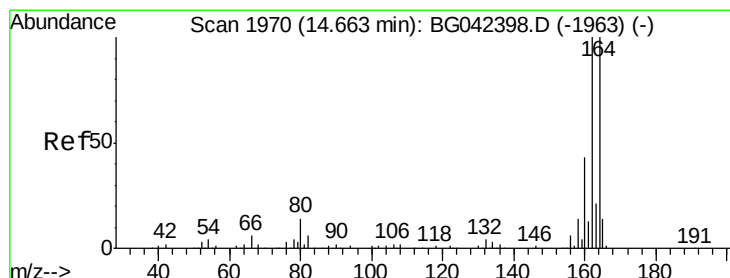
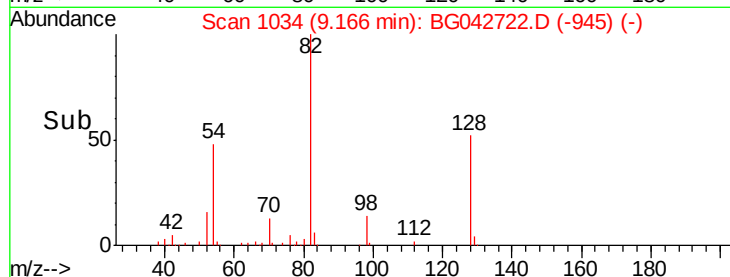
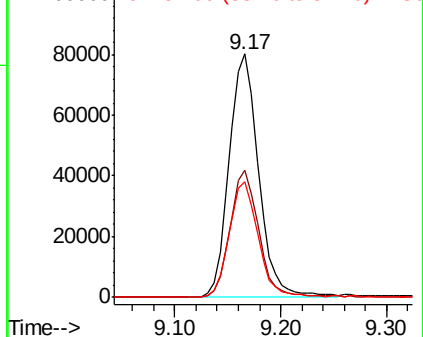
#23
Nitrobenzene-d5
Concen: 60.972 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042722.D
Acq: 5 Sep 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB122826BL

Tot Ion: 82 Resp: 154991
Ion Ratio Lower Upper
82 100
128 52.2 40.7 61.1
54 47.5 36.3 54.5

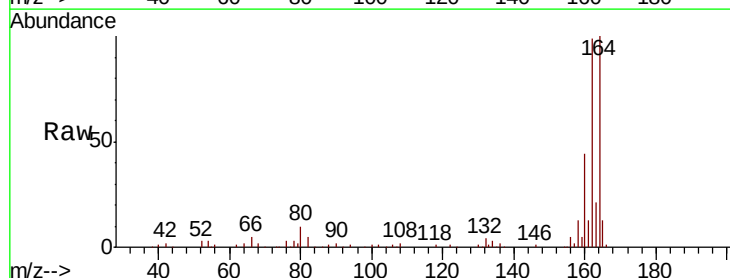


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

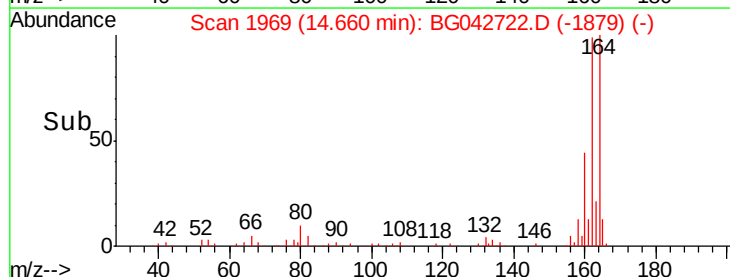
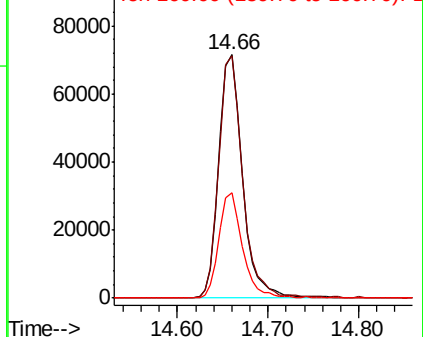


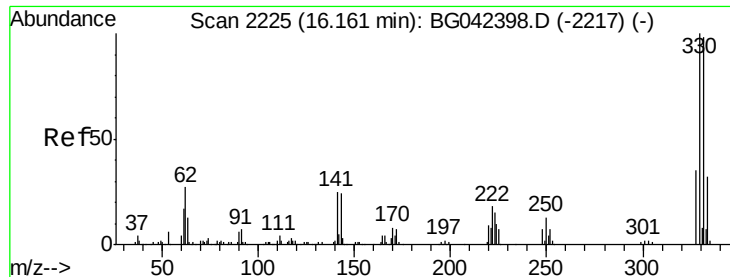
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042722.D
Acq: 5 Sep 2019 16:12

Tgt Ion: 164 Resp: 130227
Ion Ratio Lower Upper
164 100
162 99.4 79.9 119.9
160 43.5 34.3 51.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

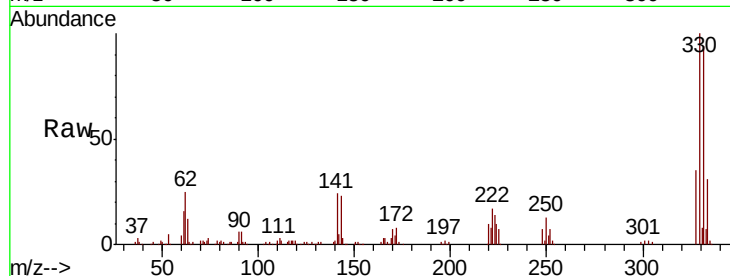




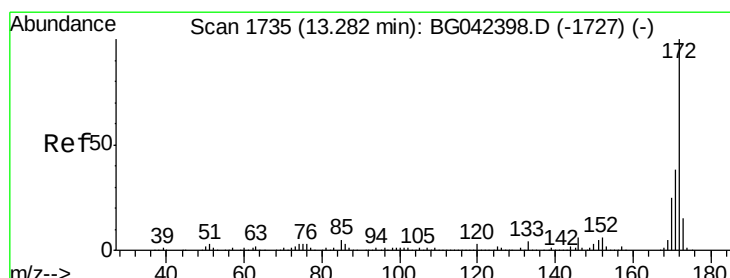
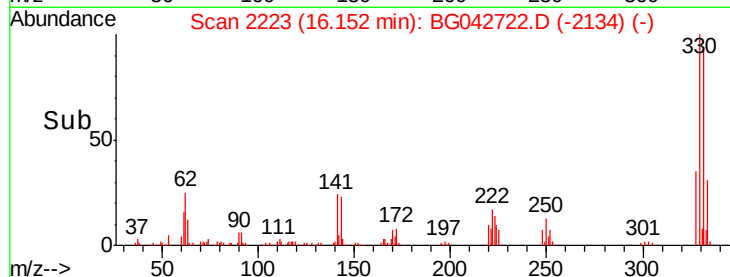
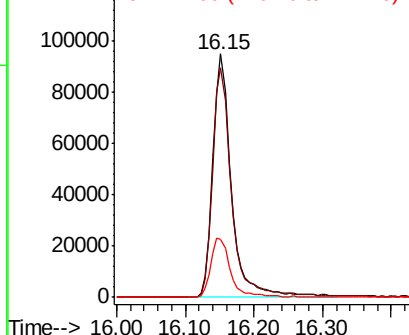
#42
 2,4,6-Tribromophenol
 Concen: 97.303 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042722.D
 Acq: 5 Sep 2019 16:12

Instrument :
 BNA_G
 ClientSampleId :
 PB122826BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.4	116.0
141	25.6	21.4	32.0

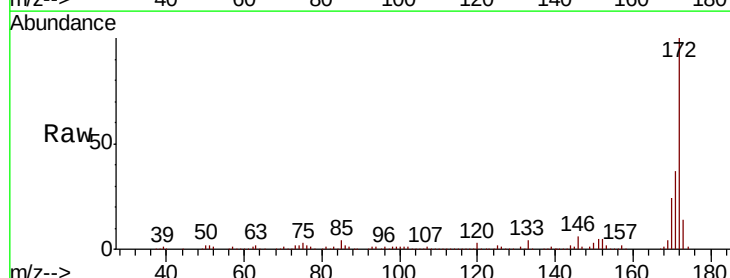


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

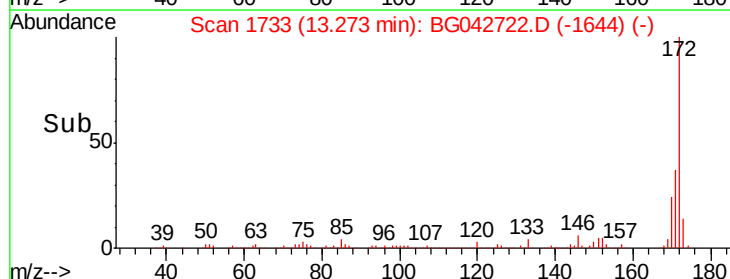
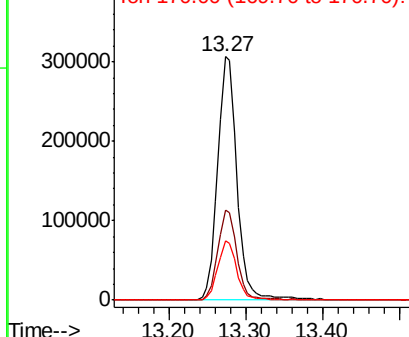


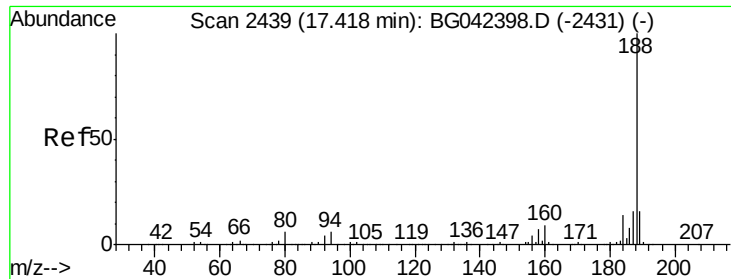
#45
 2-Fluorobiphenyl
 Concen: 69.116 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG042722.D
 Acq: 5 Sep 2019 16:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	24.4	20.2	30.2



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

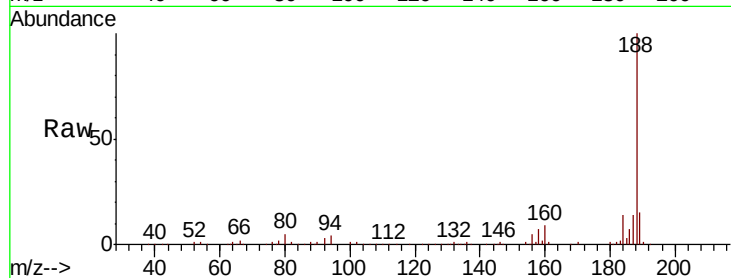




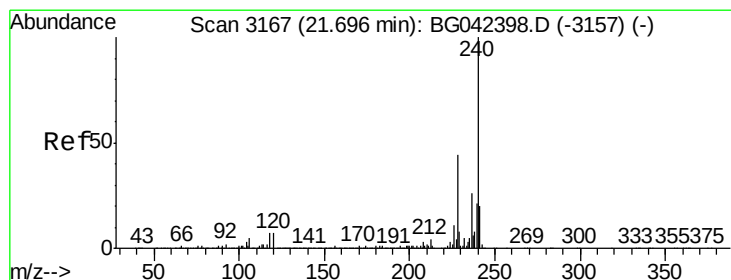
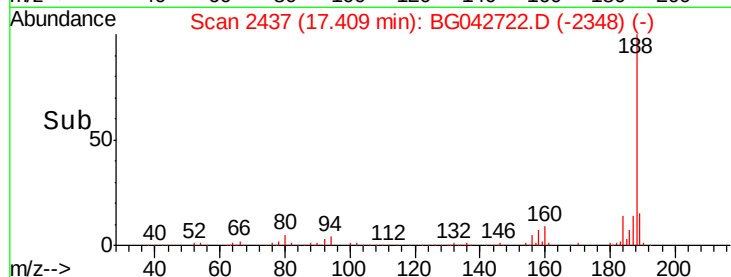
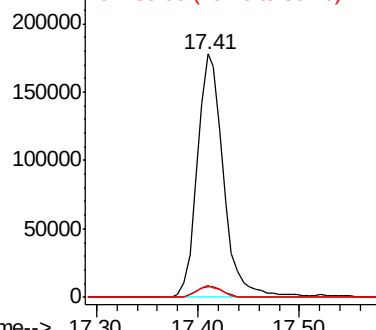
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042722.D
Acq: 5 Sep 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB122826BL

Tot Ion:188 Resp: 317677
Ion Ratio Lower Upper
188 100
94 4.5 4.5 6.7#
80 4.9 4.9 7.3

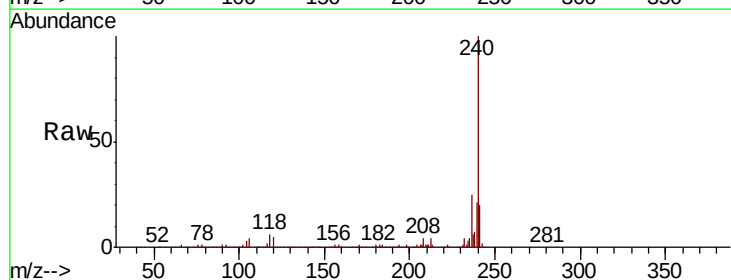


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

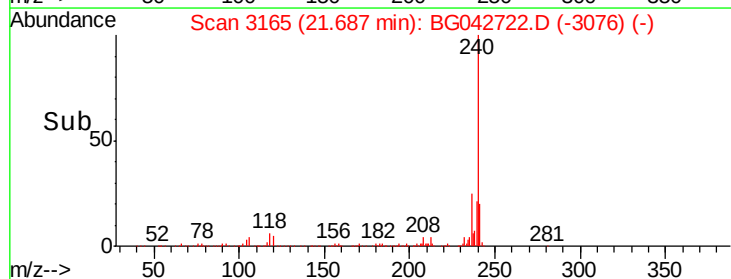
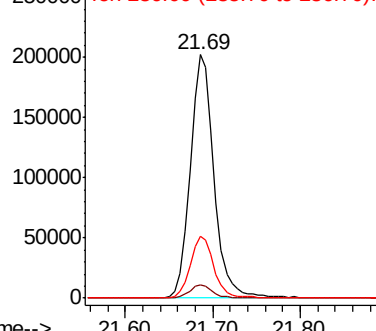


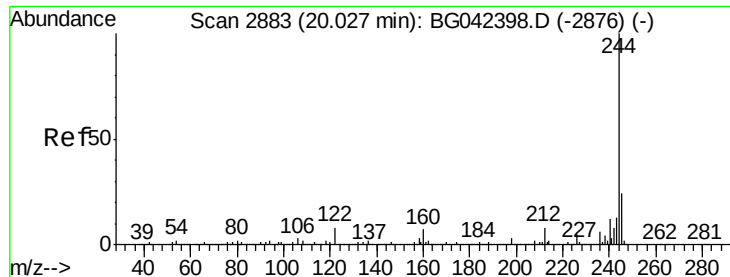
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042722.D
Acq: 5 Sep 2019 16:12

Tgt Ion:240 Resp: 377376
Ion Ratio Lower Upper
240 100
120 5.2 5.7 8.5#
236 25.3 21.0 31.4



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: 65.960 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042722.D

Acq: 5 Sep 2019 16:12

Instrument :

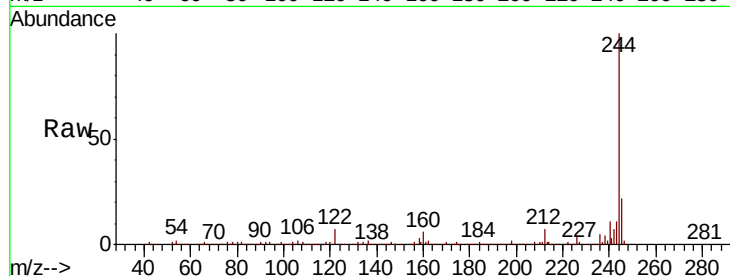
BNA_G

ClientSampleId :

PB122826BL

Tot Ion:244 Resp: 1151376

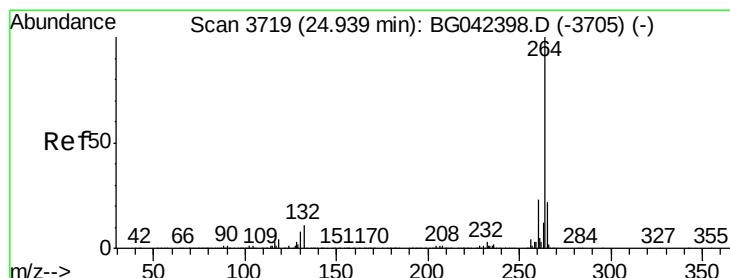
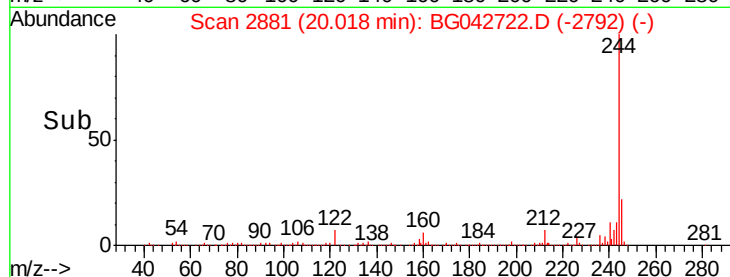
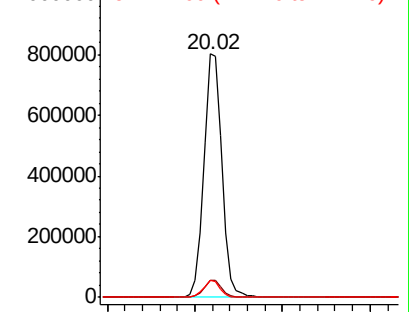
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	6.9	6.7	10.1



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: 24.94 min Scan# 3718

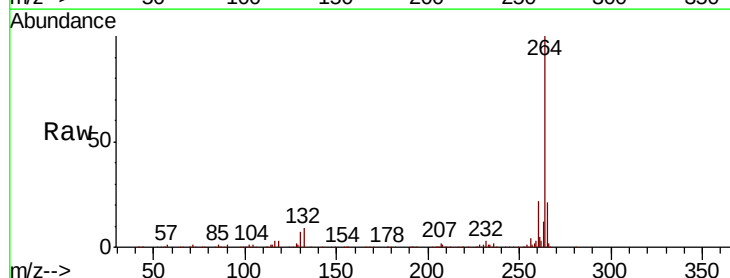
Delta R.T. -0.00 min

Lab File: BG042722.D

Acq: 5 Sep 2019 16:12

Tgt Ion:264 Resp: 444326

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.5	27.7
265	21.3	17.6	26.4



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

