

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 :

Quant Time: Sep 05 18:44:25 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

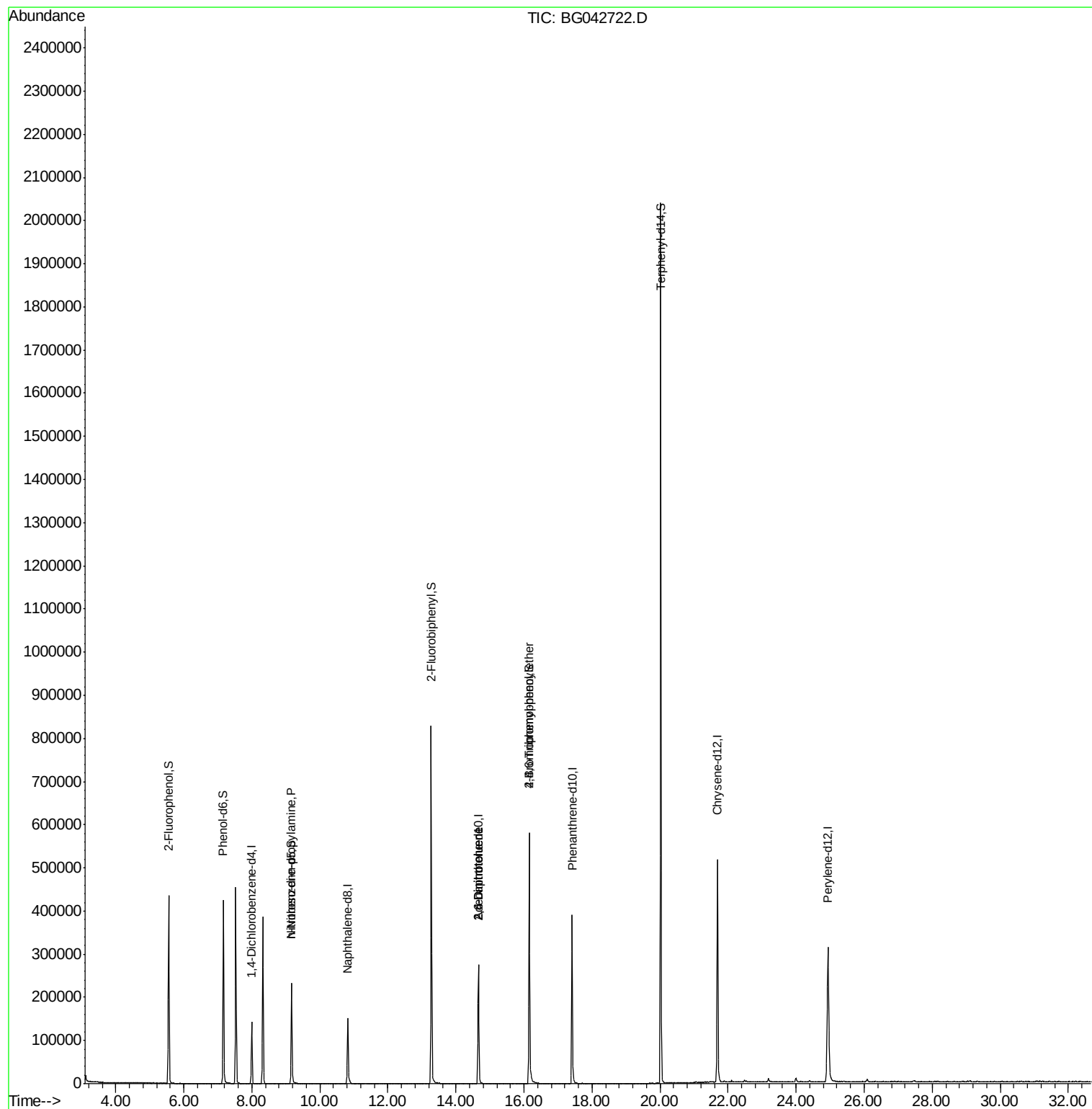
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	46784	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	175663	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	130227	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	317677	20.00	ng	0.00
76) Chrysene-d12	21.69	240	377376	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						
19) n-Nitroso-di-n-propylamine	9.17	70	20379	10.081	ng	# 75
51) 2,6-Dinitrotoluene	14.66	165	16451	7.553	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	16451	5.275	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	11561	2.869	ng	# 1

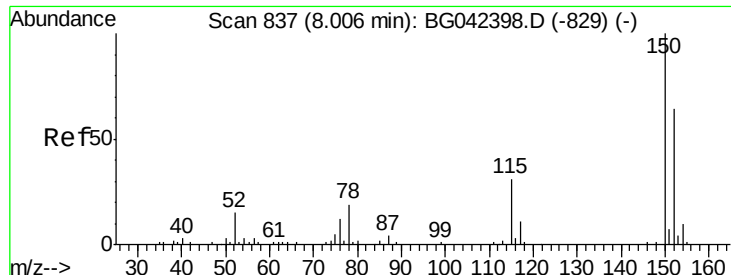
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :

Quant Time: Sep 05 18:44:25 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



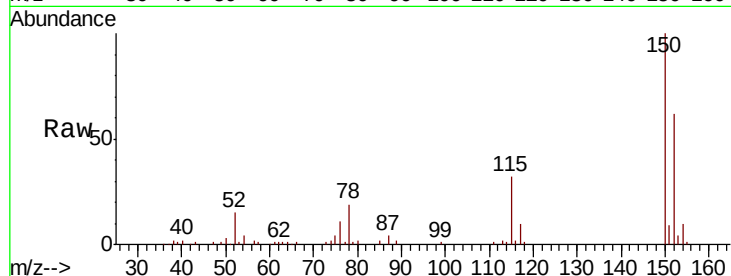


#1

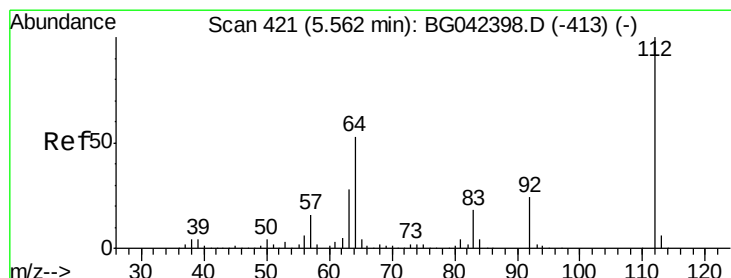
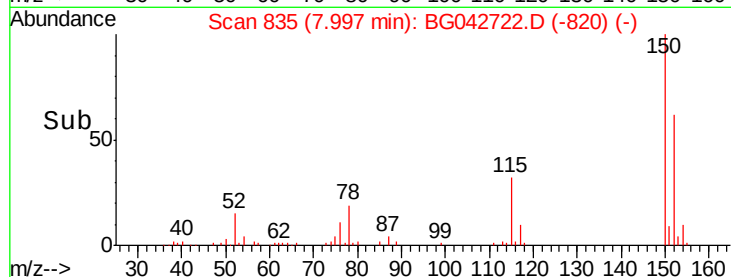
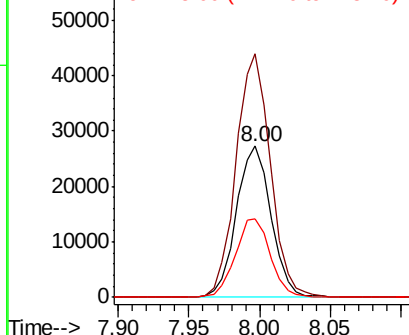
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042722.D
Acq: 5 Sep 2019 16:12

Instrument :
BNA_G
ClientSampleId :

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



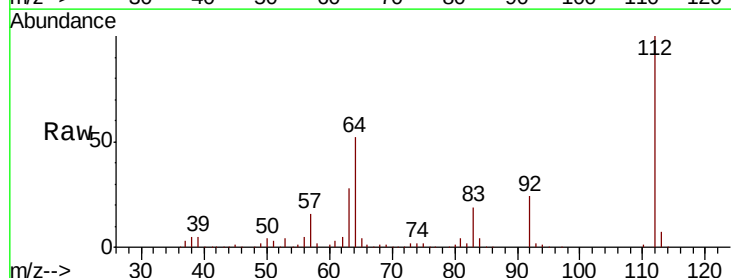
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



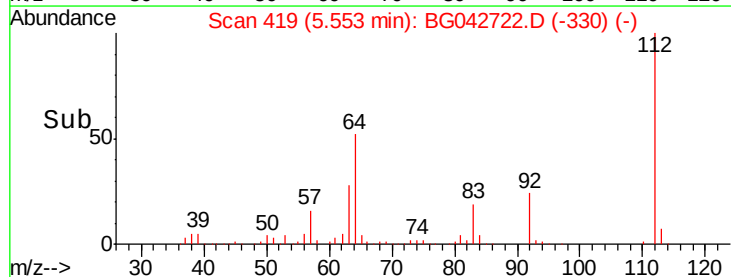
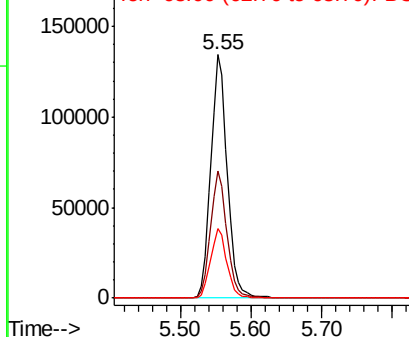
#5

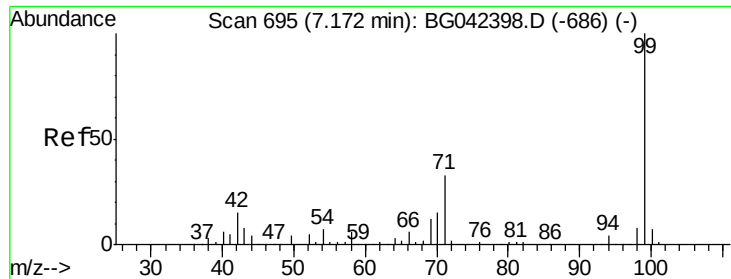
2-Fluorophenol
Concen: 94.216 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042722.D
Acq: 5 Sep 2019 16:12

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 :

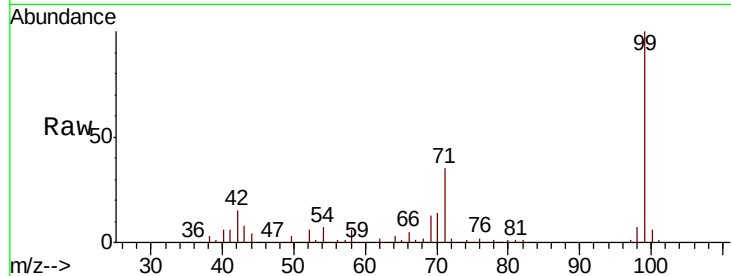
Tot Ion: 99 Resp: 275430

Ion Ratio Lower Upper

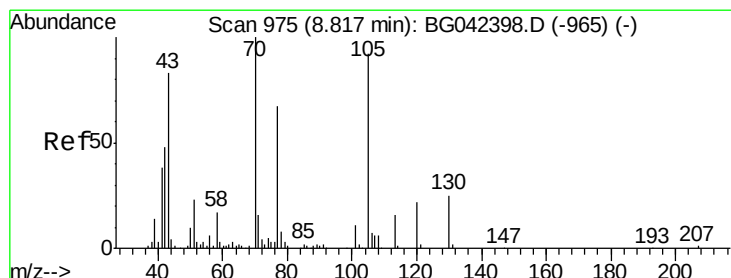
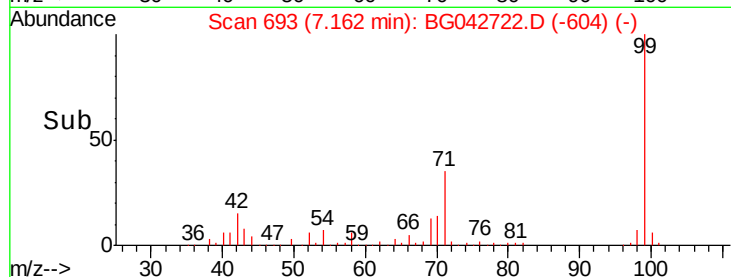
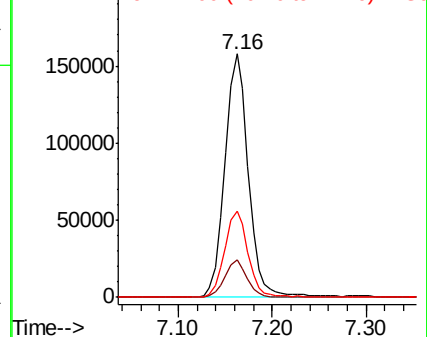
99 100

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



#19

n-Nitroso-di-n-propylamine

Concen: 10.081 ng

RT: 9.17 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042722.D

Acq: 5 Sep 2019 16:12

Tgt Ion: 70 Resp: 20379

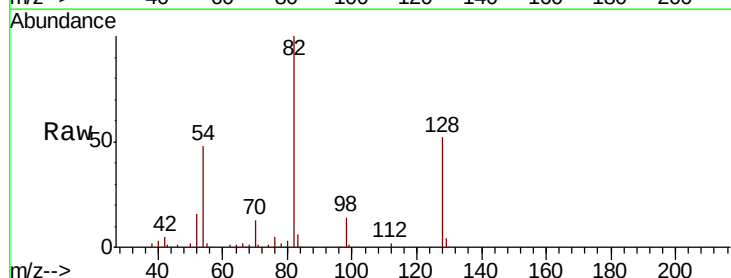
Ion Ratio Lower Upper

70 100

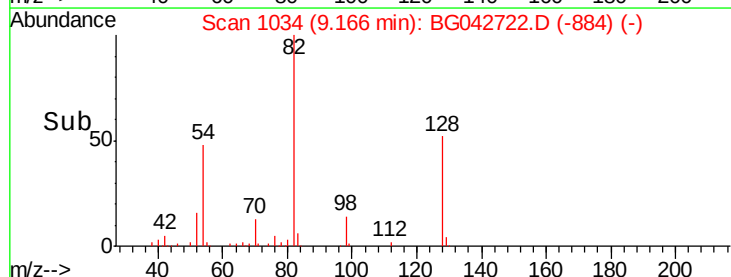
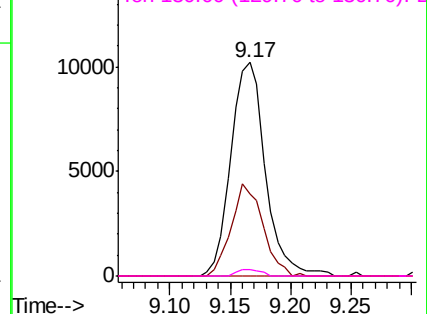
42 38.7 38.8 58.2#

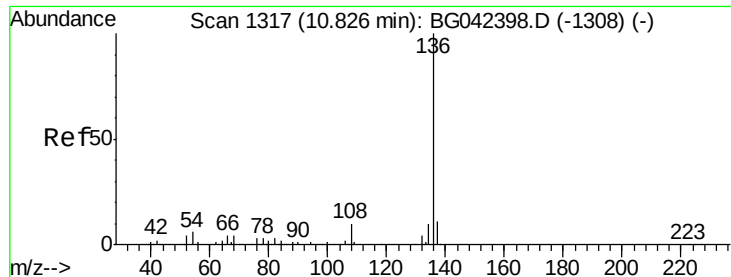
101 0.0 9.0 13.6#

130 3.1 20.0 30.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

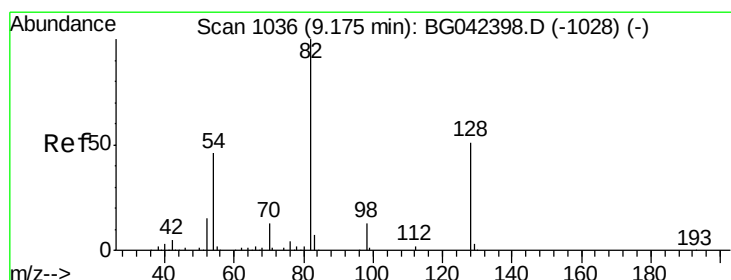
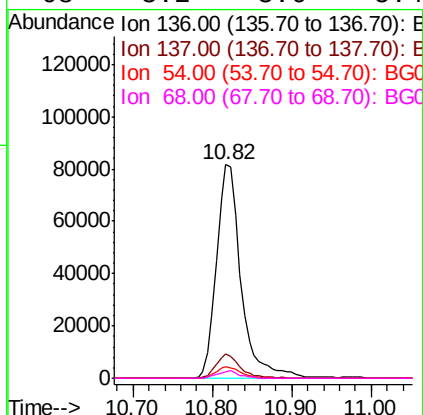
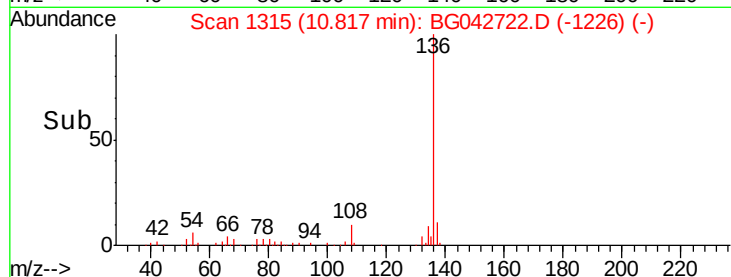
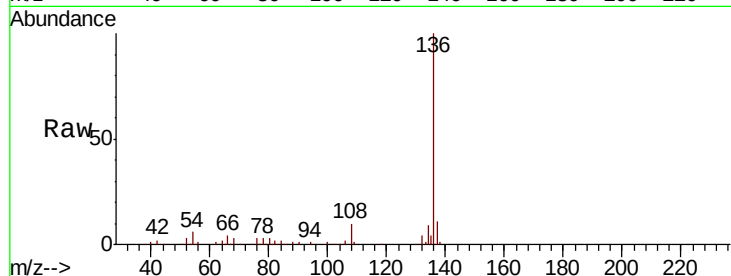




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042722.D
Acq: 5 Sep 2019 16:12

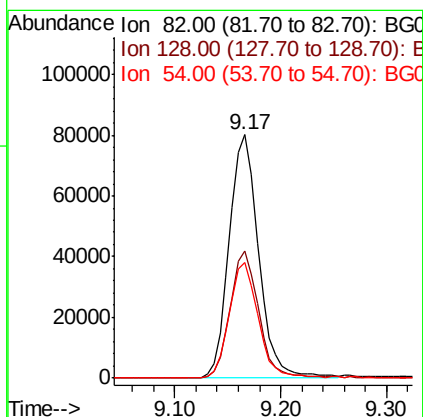
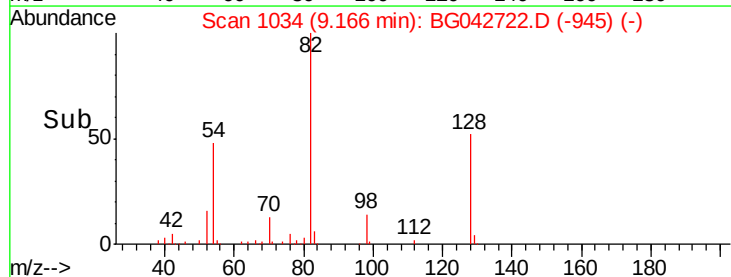
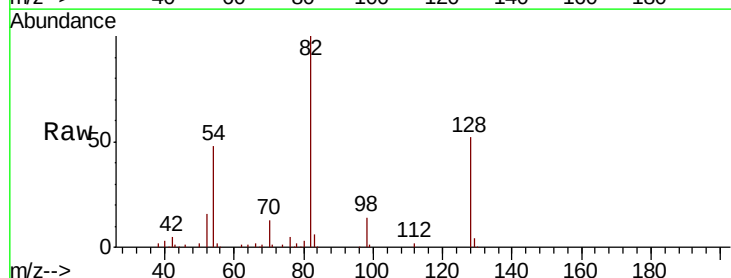
Instrument :
BNA_G
ClientSampleId :

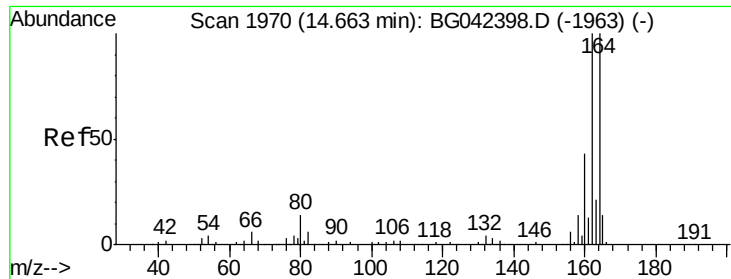
Tot Ion:136	Resp:	175663	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	8.7	13.1	
54 5.5	4.9	7.3	
68 3.2	3.6	5.4#	



#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

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





#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

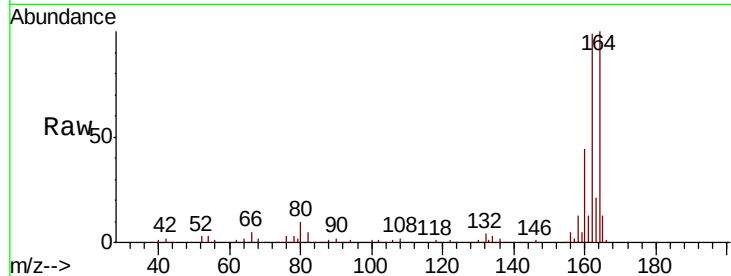
Instrument :

BNA_G

ClientSampled :

Tot Ion:164 Resp: 130227

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.9	119.9
160	43.5	34.3	51.5

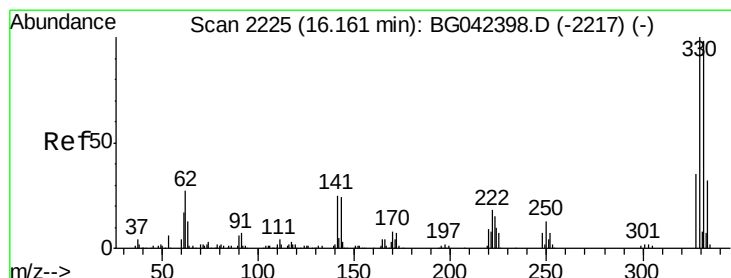
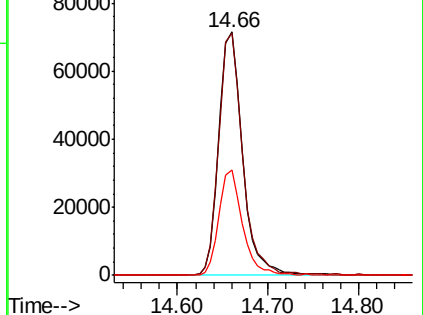
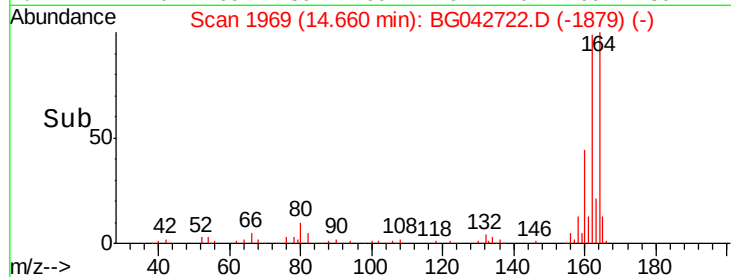


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 97.303 ng

RT: 16.15 min Scan# 2223

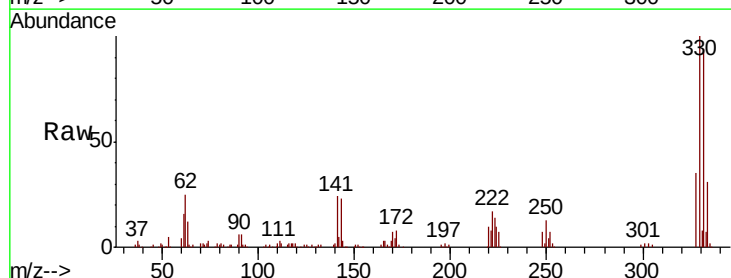
Delta R.T. -0.01 min

Lab File: BG042722.D

Acq: 5 Sep 2019 16:12

Tgt Ion:330 Resp: 180105

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

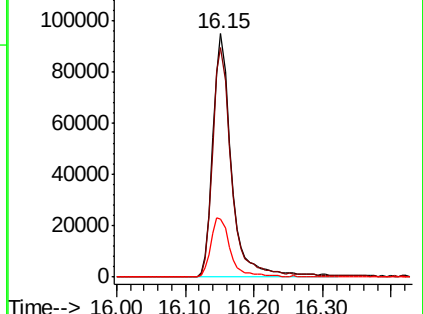
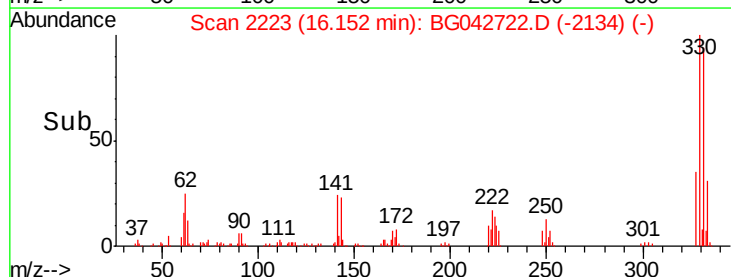


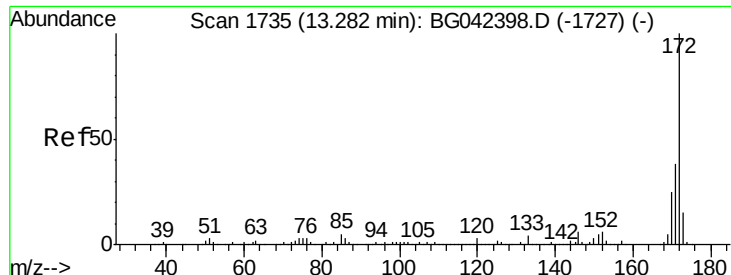
Abundance

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

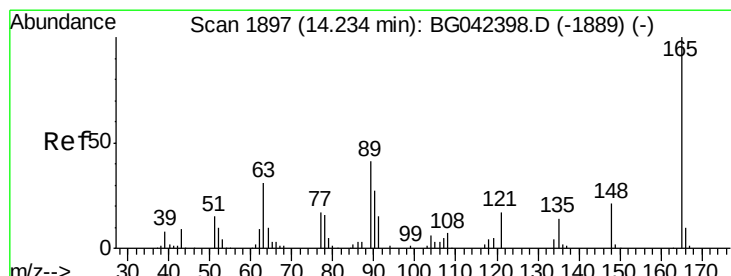
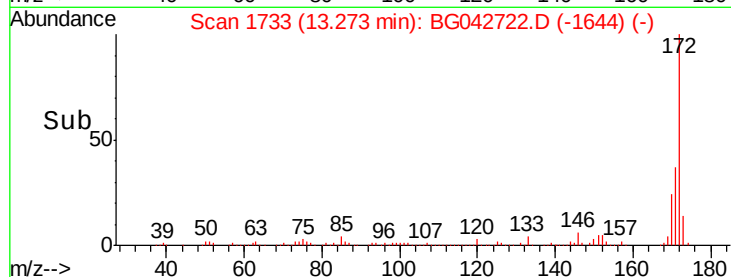
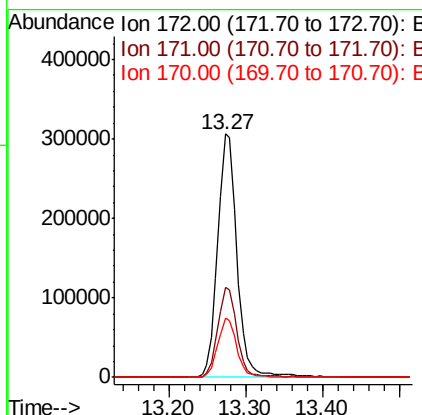
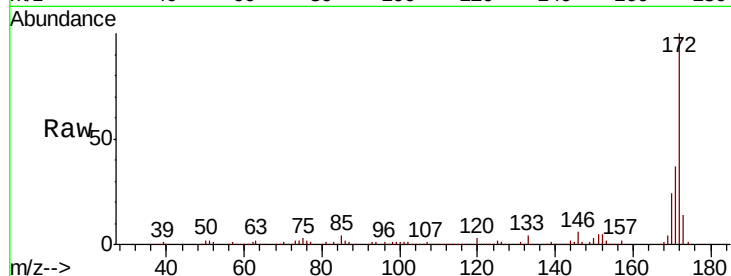




#45
 2-Fluorobiphenyl
 Concen: 69.116 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG042722.D
 Acq: 5 Sep 2019 16:12

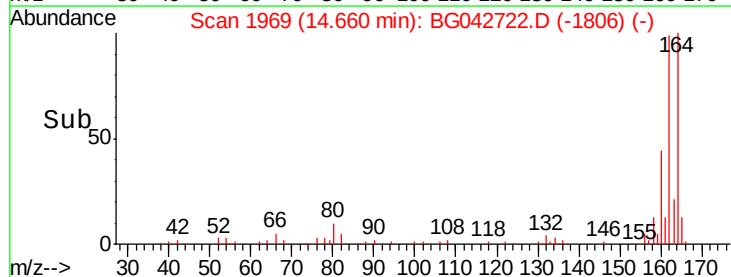
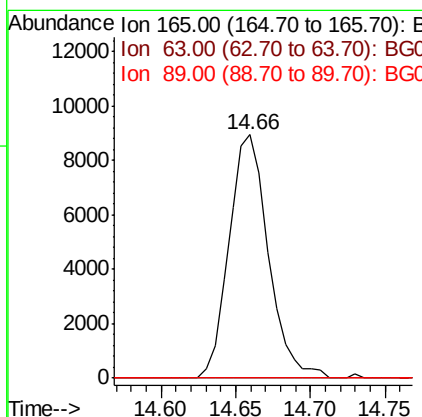
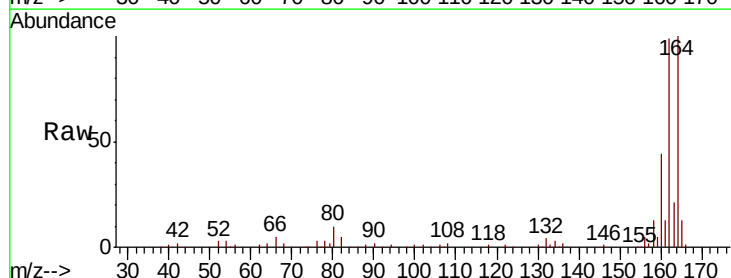
Instrument :
 BNA_G
 ClientSampleId :

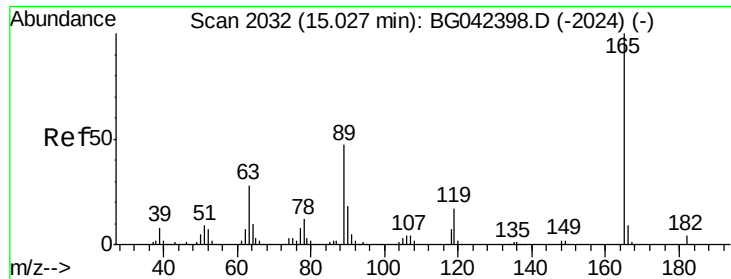
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	24.4	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.553 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.43 min
 Lab File: BG042722.D
 Acq: 5 Sep 2019 16:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.6	45.8#
89	0.0	32.6	49.0#

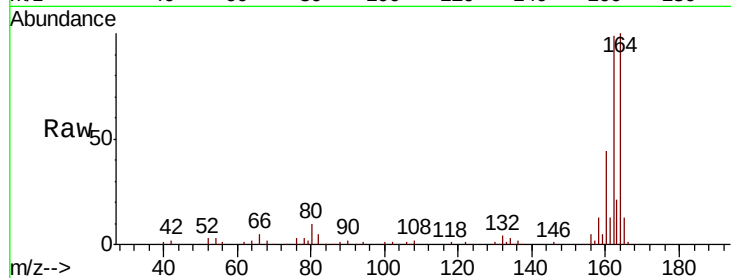




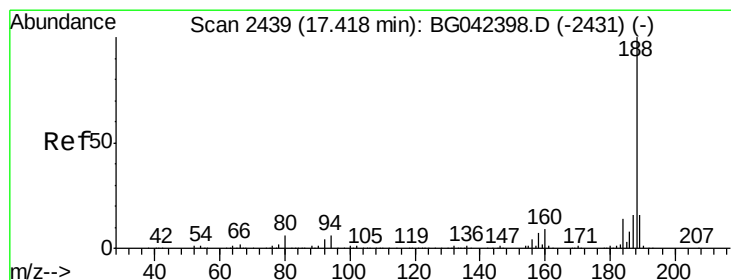
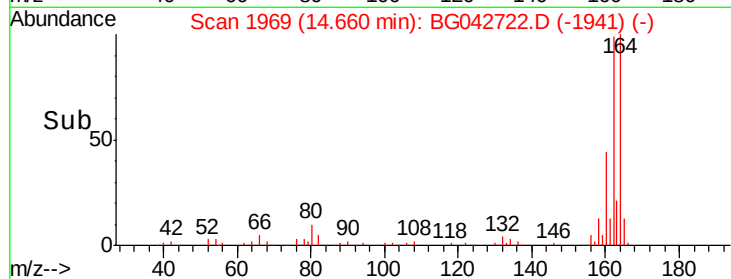
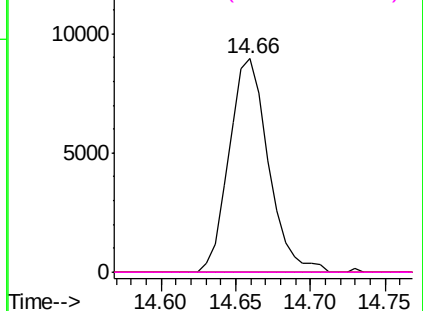
#57
 2,4-Dinitrotoluene
 Concen: 5.275 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042722.D
 Acq: 5 Sep 2019 16:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	16451
Ion Ratio	Lower	Upper
165	100	
63	0.0	22.5 33.7#
89	0.0	37.8 56.6#
182	0.0	3.0 4.4#

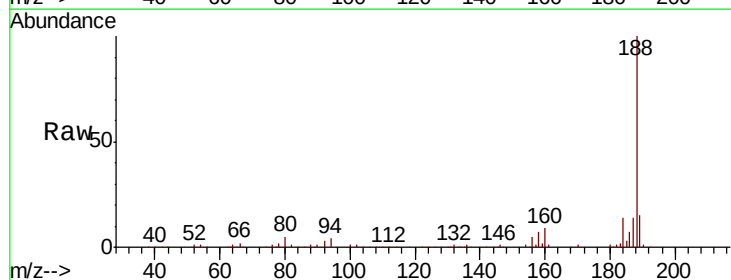


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

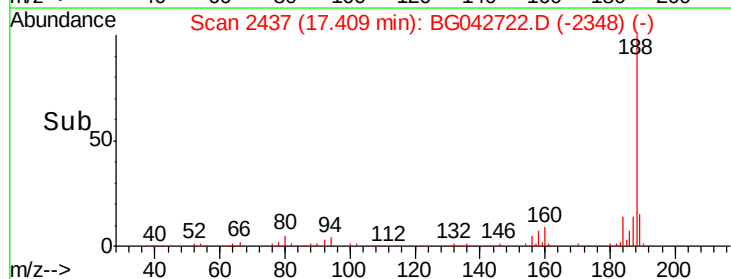
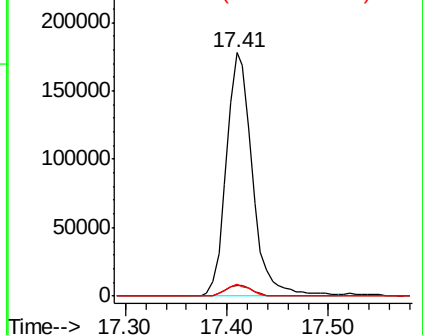


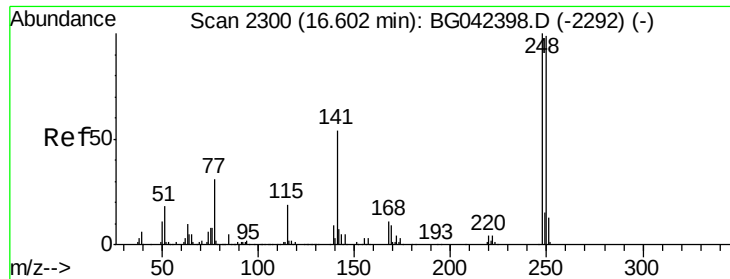
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042722.D
 Acq: 5 Sep 2019 16:12

Tgt 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): BGC
 Ion 80.00 (79.70 to 80.70): BGC

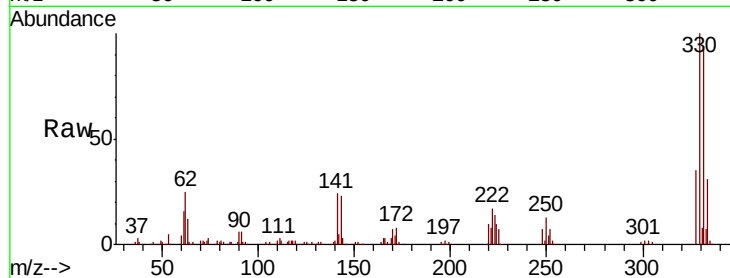




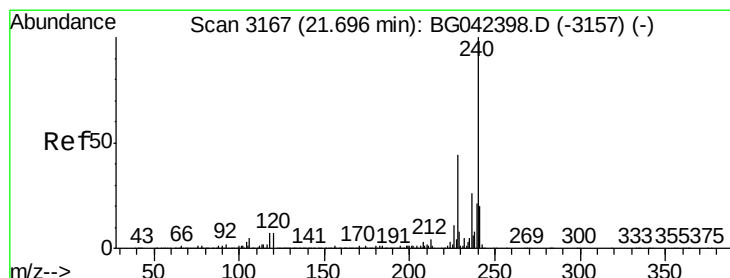
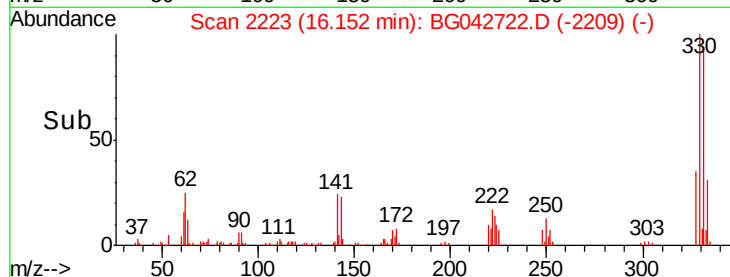
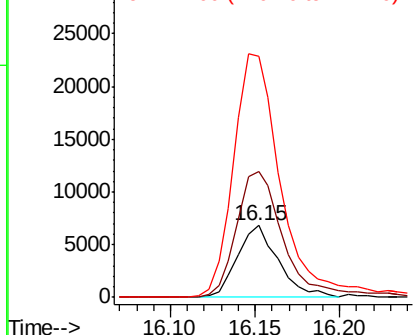
#67
4-Bromophenyl-phenylether
Concen: 2.869 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG042722.D
Acq: 5 Sep 2019 16:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 11561
Ion Ratio Lower Upper
248 100
250 174.2 78.9 118.3#
141 335.1 43.3 64.9#

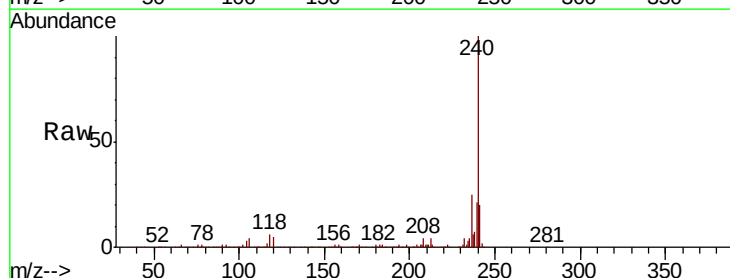


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

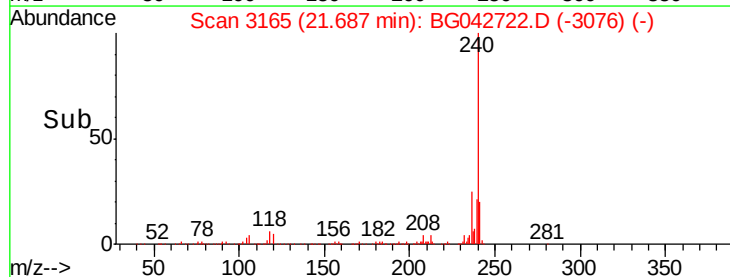
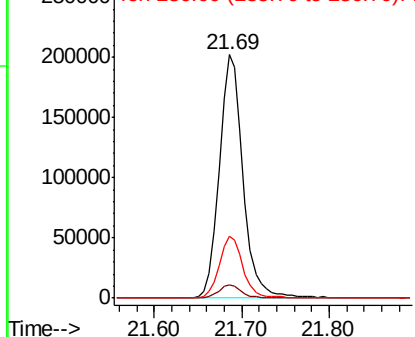


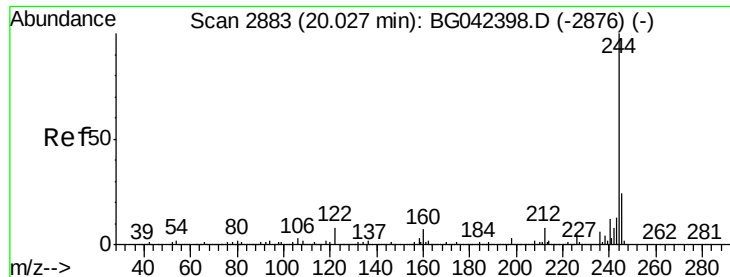
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042722.D
Acq: 5 Sep 2019 16:12

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

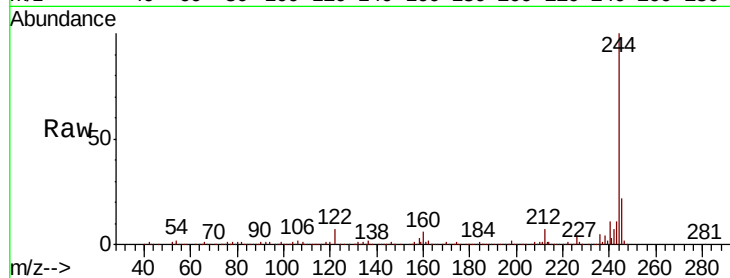
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1151376

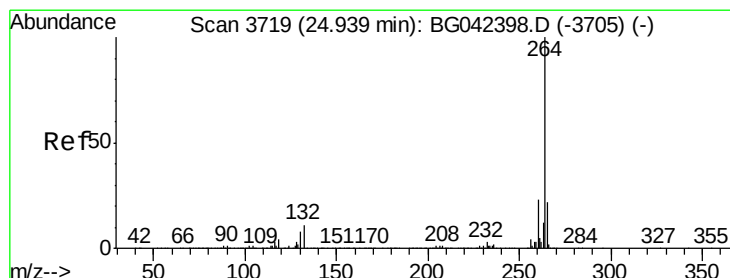
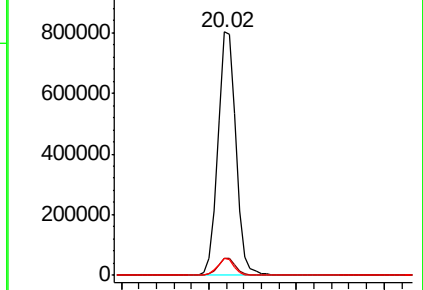
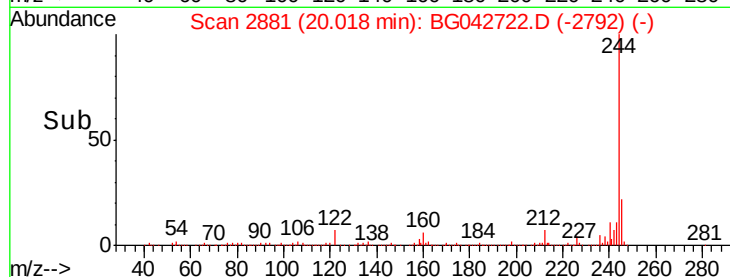
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	6.9	6.7	10.1



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

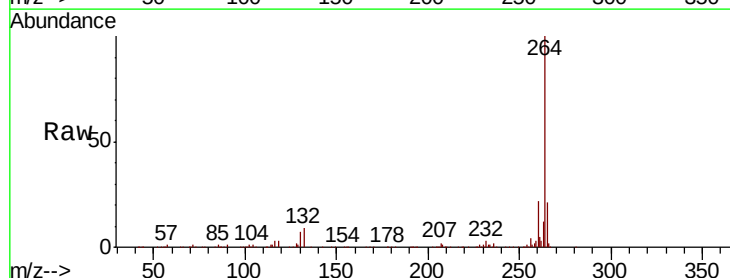
Delta R.T. -0.00 min

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

