

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042881.D
 Acq On : 17 Sep 2019 23:51
 Operator : HP/JU
 Sample : K4871-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 18 01:54:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

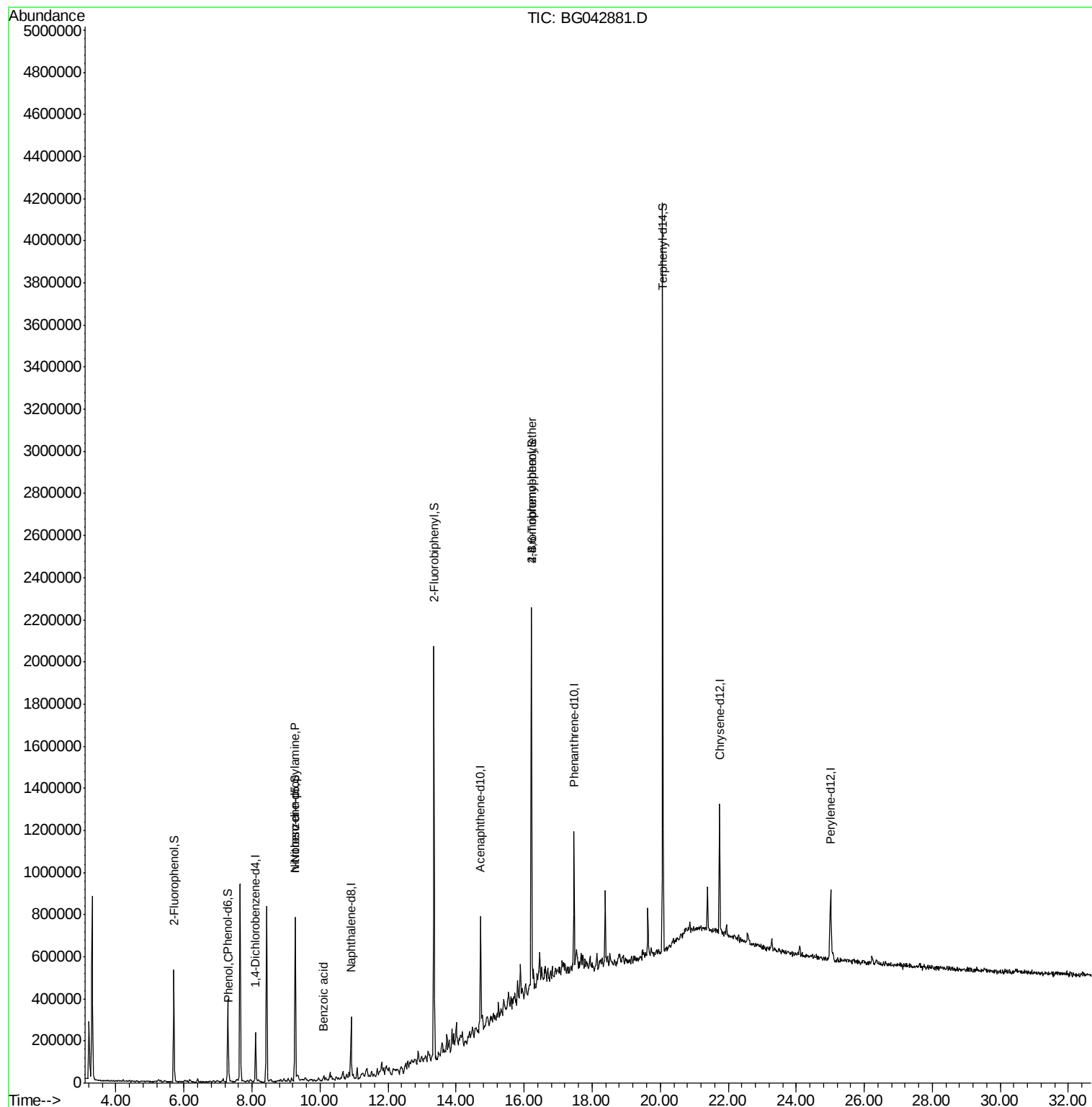
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	60881	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	238608	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	171217	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	386825	20.00	ng	-0.02
76) Chrysene-d12	21.74	240	370730	20.00	ng	-0.02
87) Perylene-d12	25.01	264	396011	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	203573	58.13	ng	0.02
7) Phenol-d6	7.29	99	202051	40.20	ng	0.02
23) Nitrobenzene-d5	9.27	82	459367	100.23	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	361765	158.81	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1016691	94.00	ng	-0.02
79) Terphenyl-d14	20.07	244	1656339	99.02	ng	-0.02
Target Compounds						
10) Phenol	7.31	94	15501	3.007	ng	# 70
19) n-Nitroso-di-n-propylamine	9.27	70	67327	18.178	ng	# 74
32) Benzoic acid	10.12	122	57	5.983	ng	# 1
67) 4-Bromophenyl-phenylether	16.21	248	22929	4.897	ng	# 1

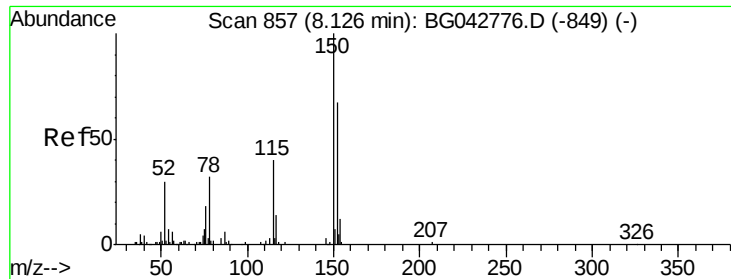
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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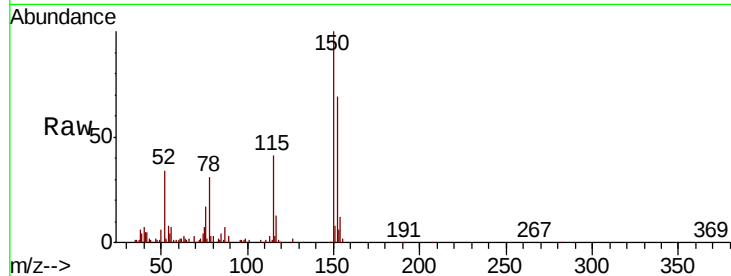


#1

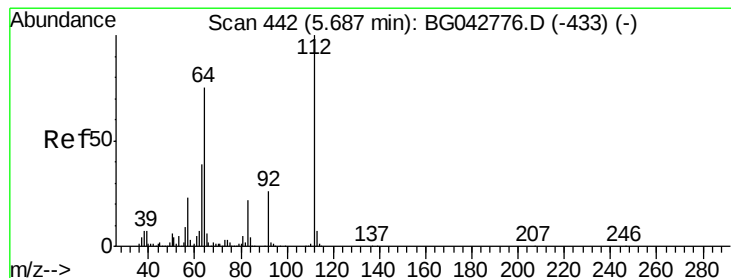
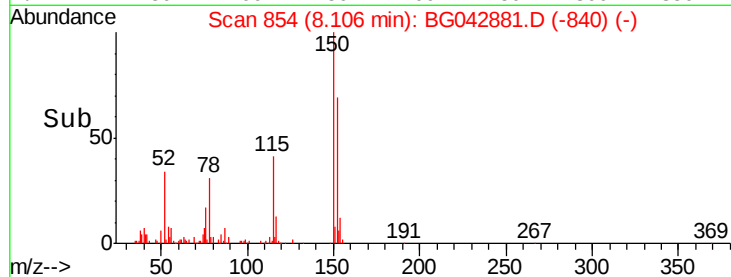
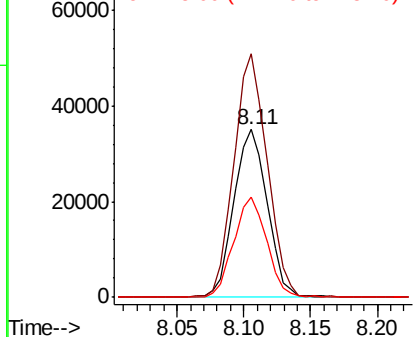
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BG042881.D
Acq: 17 Sep 2019 23:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60881
Ion Ratio Lower Upper
152 100
150 145.0 118.9 178.3
115 59.9 47.4 71.2



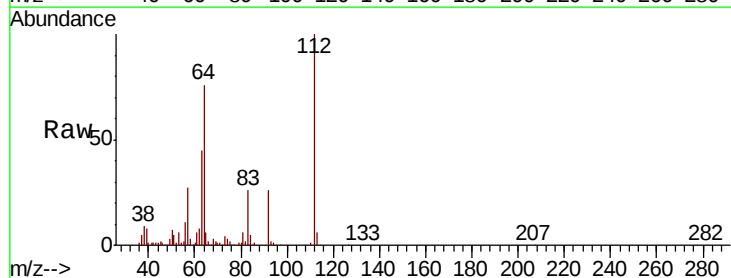
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



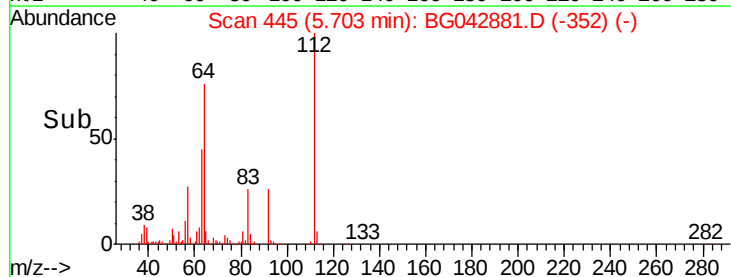
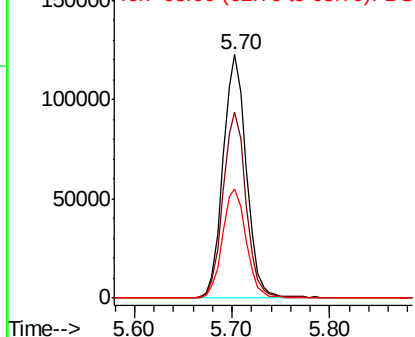
#5

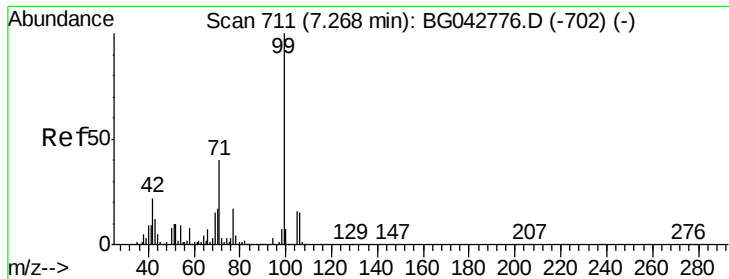
2-Fluorophenol
Concen: 58.133 ng
RT: 5.70 min Scan# 445
Delta R.T. 0.02 min
Lab File: BG042881.D
Acq: 17 Sep 2019 23:51

Tgt Ion:112 Resp: 203573
Ion Ratio Lower Upper
112 100
64 76.4 60.2 90.2
63 45.0 31.2 46.8



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: 40.199 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.02 min

Lab File: BG042881.D

Acq: 17 Sep 2019 23:51

Instrument :

BNA_G

ClientSampleId :

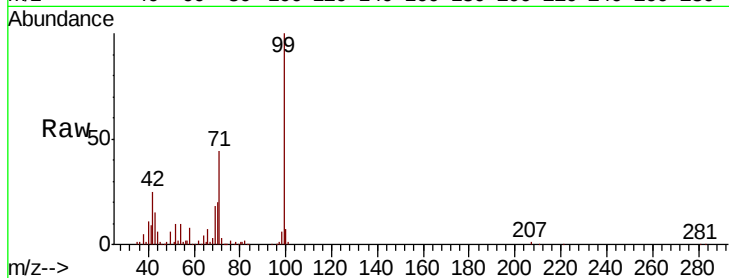
Tot Ion: 99 Resp: 202051

Ion Ratio Lower Upper

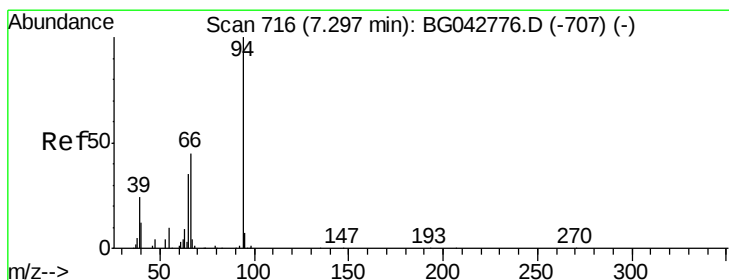
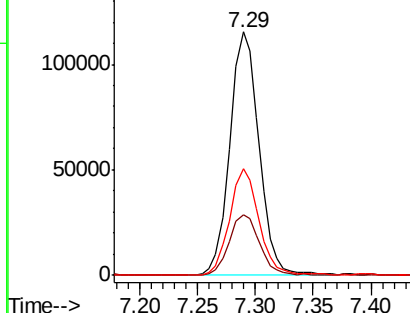
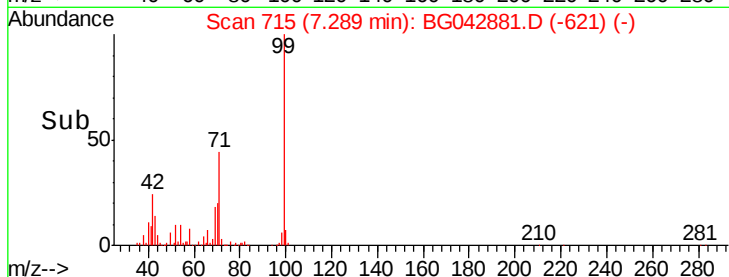
99 100

42 24.6 17.5 26.3

71 43.7 32.0 48.0



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



#10

Phenol

Concen: 3.007 ng

RT: 7.31 min Scan# 719

Delta R.T. 0.02 min

Lab File: BG042881.D

Acq: 17 Sep 2019 23:51

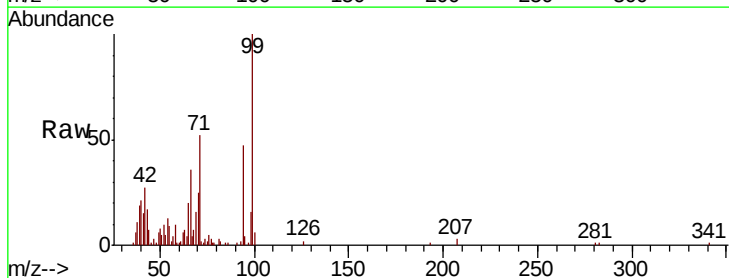
Tgt Ion: 94 Resp: 15501

Ion Ratio Lower Upper

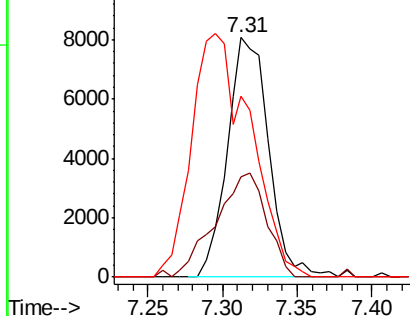
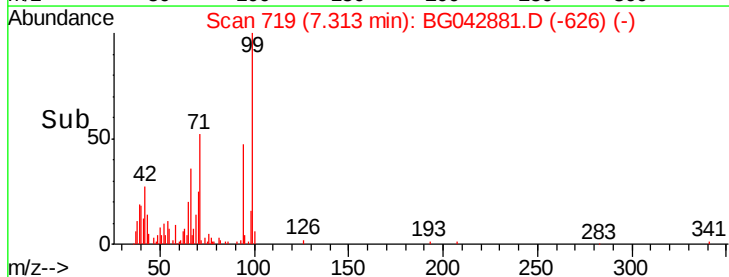
94 100

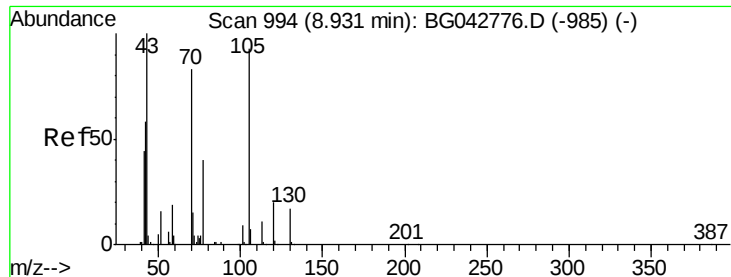
65 42.0 15.0 55.0

66 75.4 26.1 66.1#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

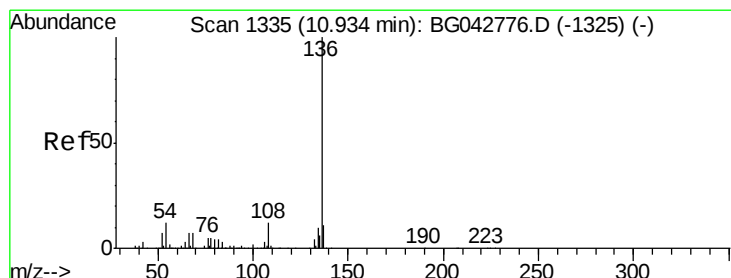
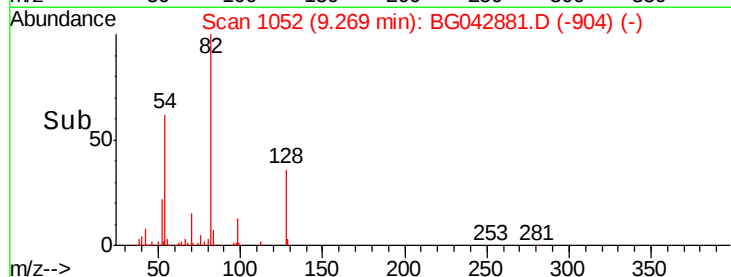
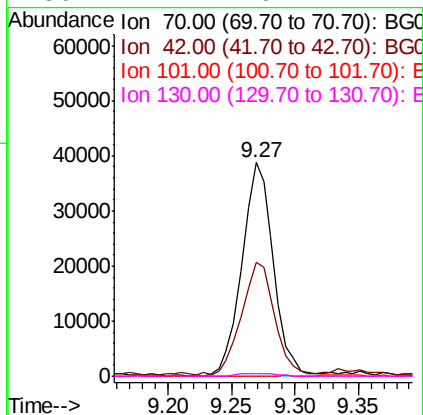
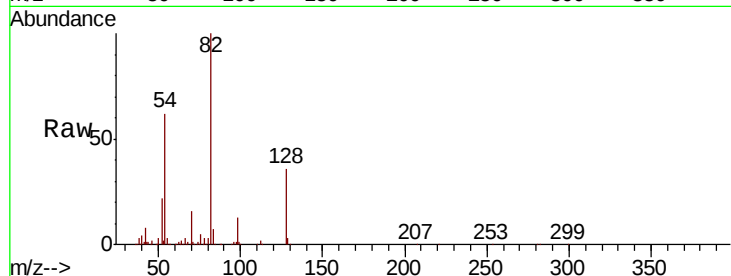




#19
n-Nitroso-di-n-propylamine
Concen: 18.178 ng
RT: 9.27 min Scan# 1052
Delta R.T. 0.34 min
Lab File: BG042881.D
Acq: 17 Sep 2019 23:51

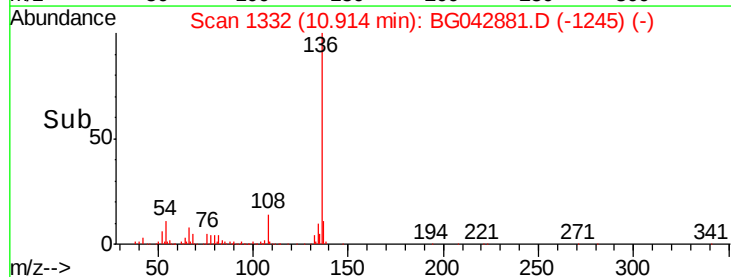
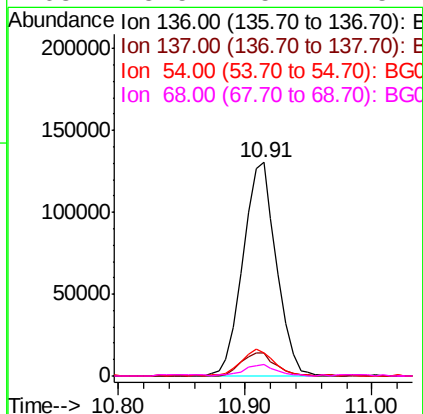
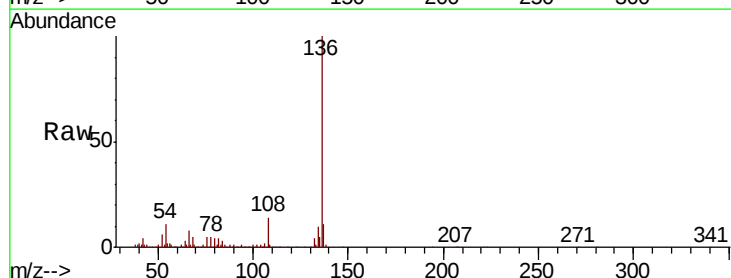
Instrument :
BNA_G
ClientSampleId :

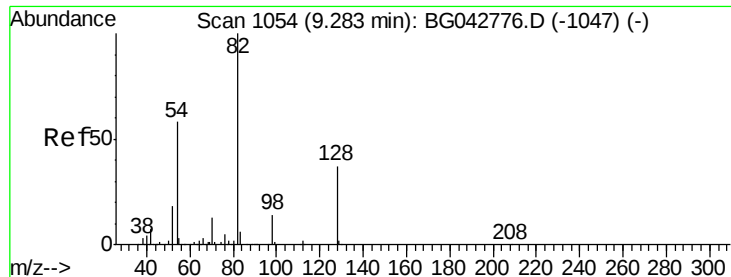
Tot Ion: 70 Resp: 67327
Ion Ratio Lower Upper
70 100
42 53.2 57.0 85.6#
101 0.0 8.4 12.6#
130 1.1 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG042881.D
Acq: 17 Sep 2019 23:51

Tgt Ion:136 Resp: 238608
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 11.0 9.4 14.0
68 5.5 5.4 8.2

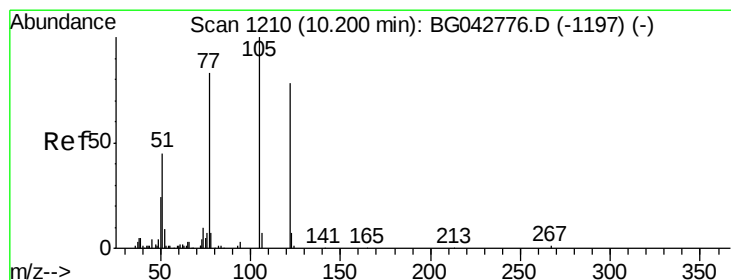
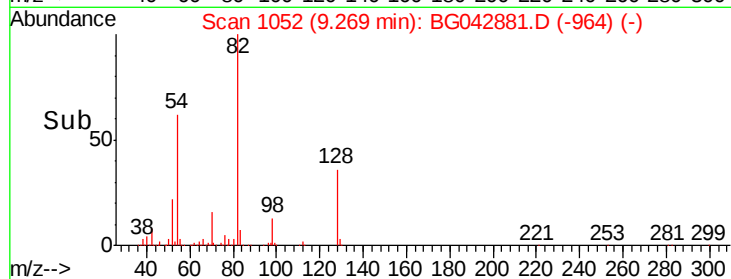
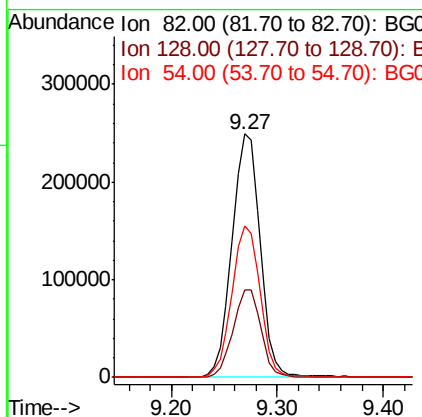
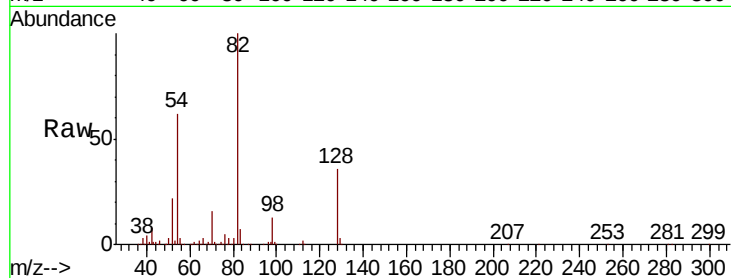




#23
 Nitrobenzene-d5
 Concen: 100.230 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG042881.D
 Acq: 17 Sep 2019 23:51

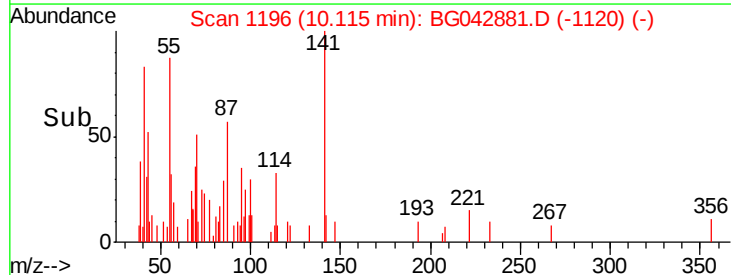
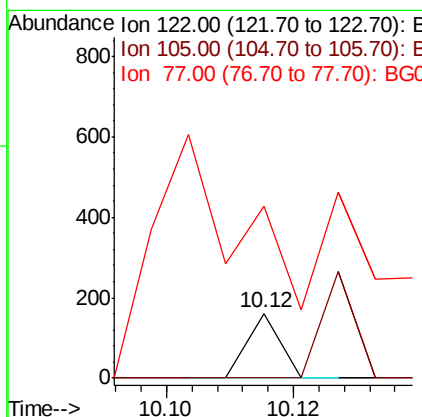
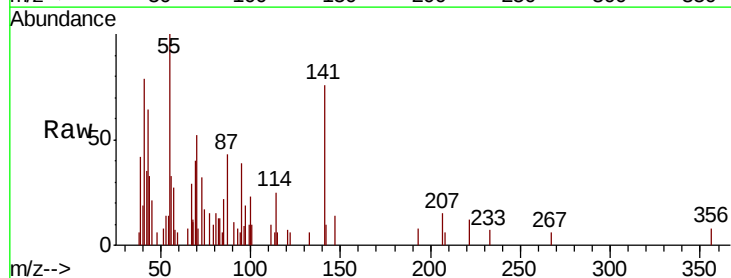
Instrument :
 BNA_G
 ClientSampleId :

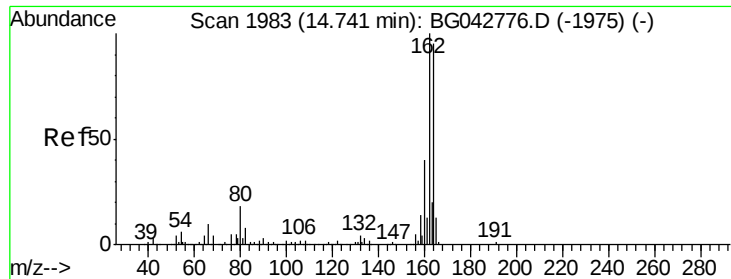
Tot Ion	82	Resp	459367
Ion Ratio	Lower	Upper	
82	100		
128	35.9	29.8	44.8
54	62.2	46.1	69.1



#32
 Benzoic acid
 Concen: 5.983 ng
 RT: 10.12 min Scan# 1196
 Delta R.T. -0.08 min
 Lab File: BG042881.D
 Acq: 17 Sep 2019 23:51

Tgt Ion	122	Resp	57
Ion Ratio	Lower	Upper	
122	100		
105	0.0	104.0	144.0#
77	265.2	84.2	124.2#

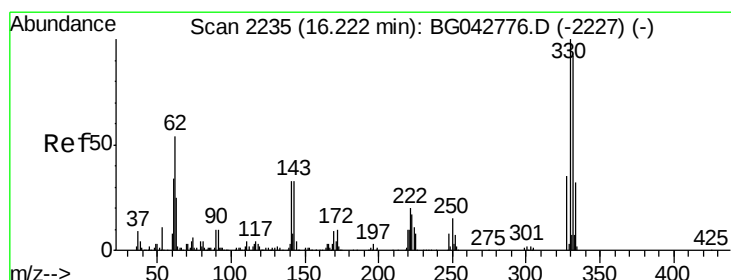
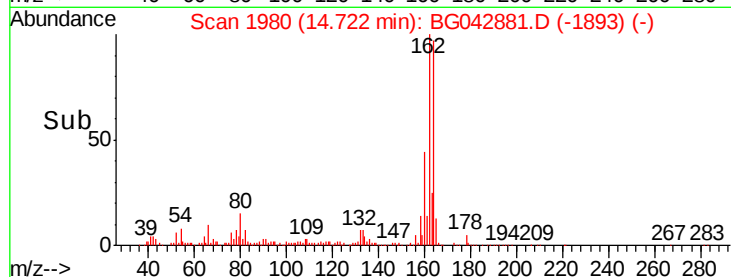
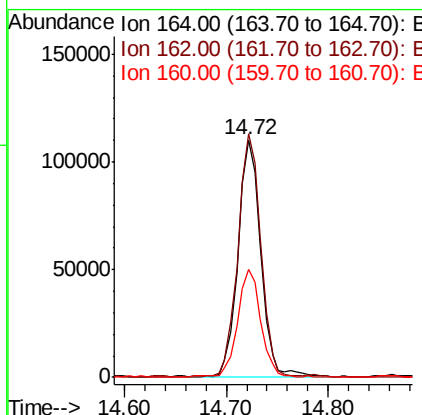
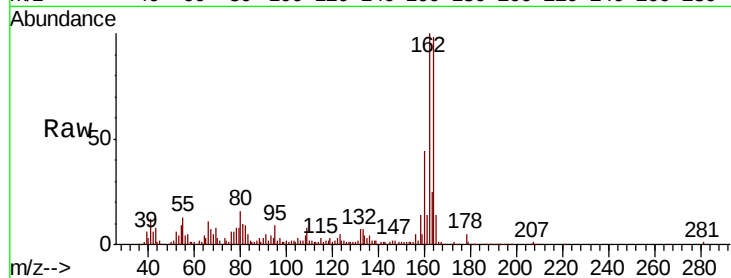




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG042881.D
Acq: 17 Sep 2019 23:51

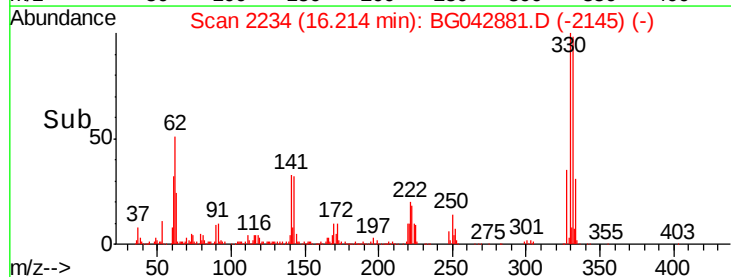
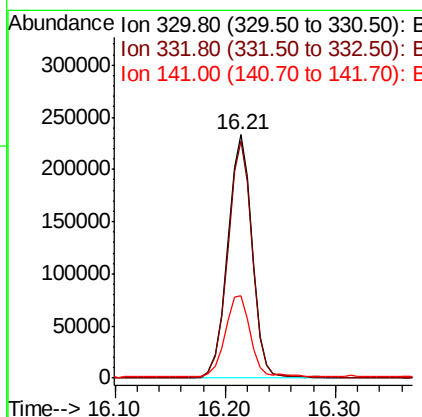
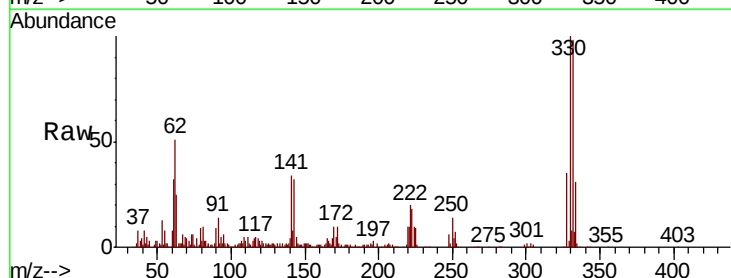
Instrument :
BNA_G
ClientSampleId :

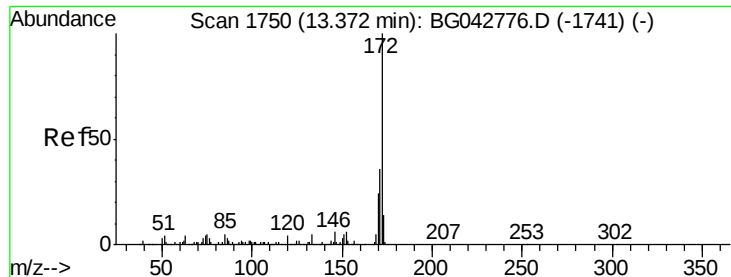
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	84.6	126.8
160	45.3	34.2	51.2



#42
2,4,6-Tribromophenol
Concen: 158.814 ng
RT: 16.21 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BG042881.D
Acq: 17 Sep 2019 23:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.7	115.1
141	34.6	27.0	40.6

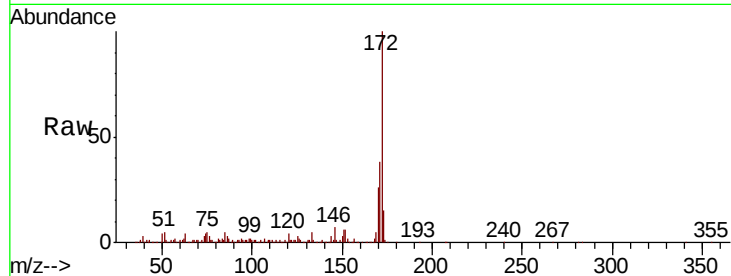




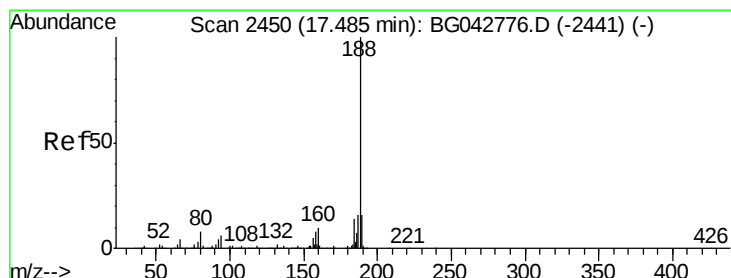
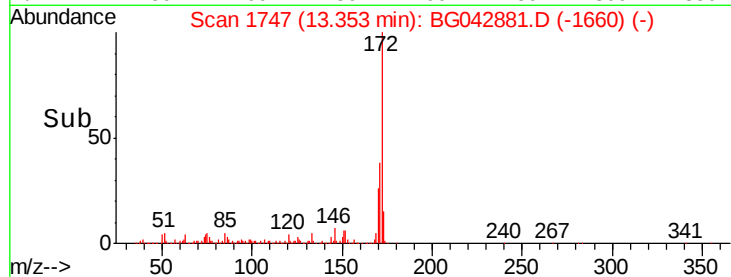
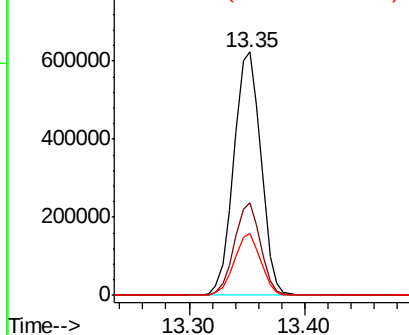
#45
2-Fluorobiphenyl
Concen: 93.995 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BG042881.D
Acq: 17 Sep 2019 23:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1016691
Ion Ratio Lower Upper
172 100
171 37.9 28.9 43.3
170 25.5 19.1 28.7

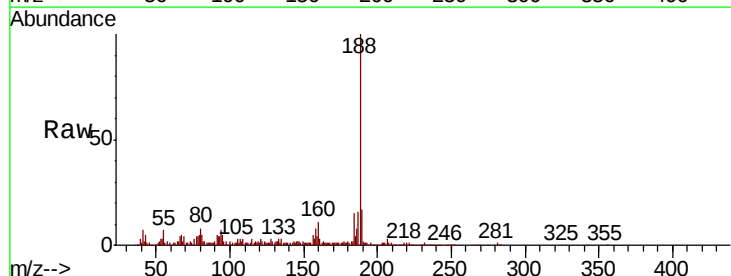


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

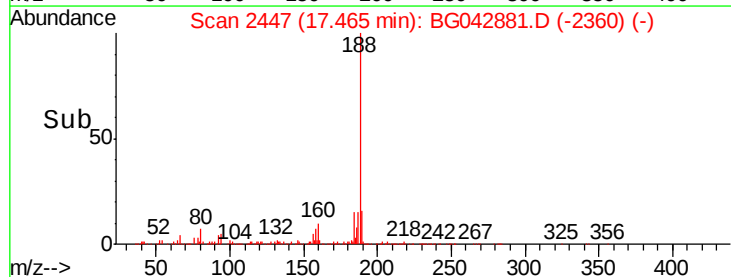
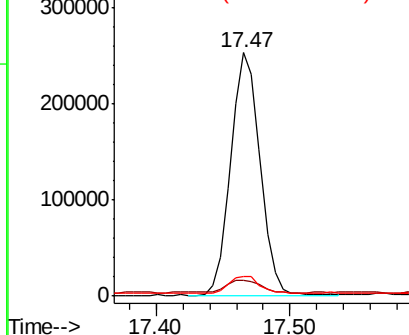


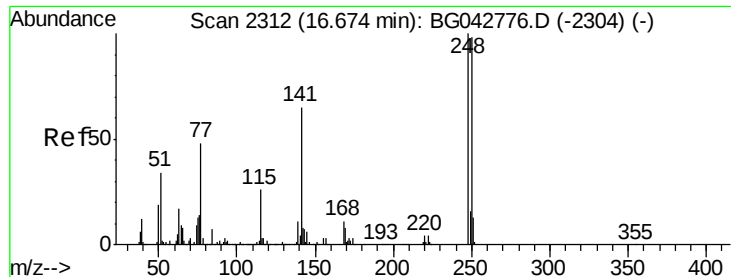
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG042881.D
Acq: 17 Sep 2019 23:51

Tgt Ion:188 Resp: 386825
Ion Ratio Lower Upper
188 100
94 6.7 4.8 7.2
80 8.0 6.6 9.8



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





#67

4-Bromophenyl-phenylether

Concen: 4.897 ng

RT: 16.21 min Scan# 2234

Delta R.T. -0.46 min

Lab File: BG042881.D

Acq: 17 Sep 2019 23:51

Instrument :

BNA_G

ClientSampled :

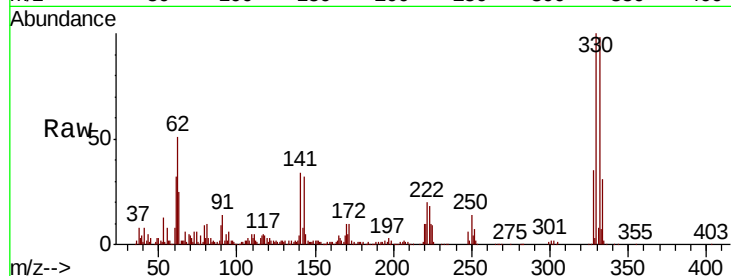
Tot Ion:248 Resp: 22929

Ion Ratio Lower Upper

248 100

250 223.8 78.0 117.0#

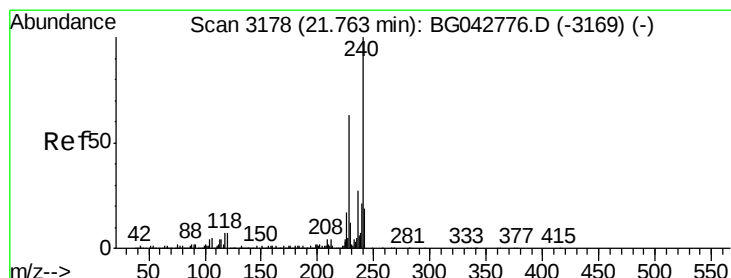
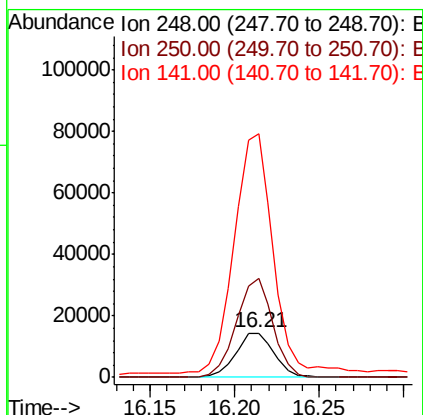
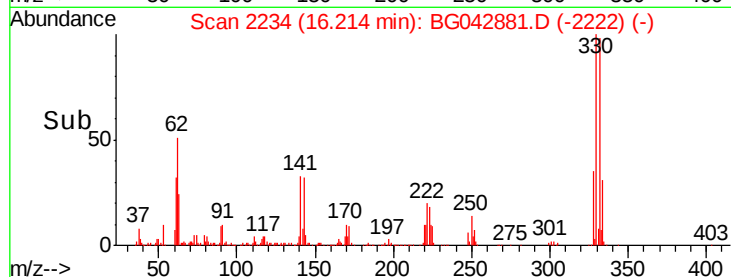
141 551.6 51.8 77.6#



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: 21.74 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG042881.D

Acq: 17 Sep 2019 23:51

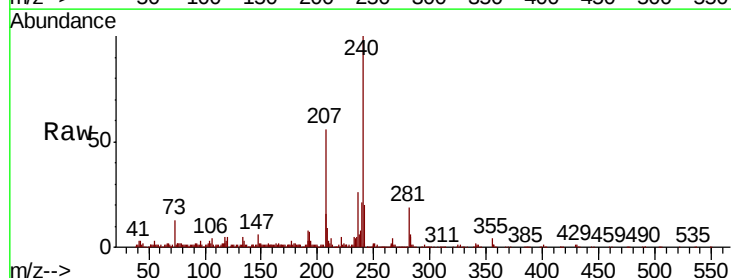
Tgt Ion:240 Resp: 370730

Ion Ratio Lower Upper

240 100

120 5.4 5.4 8.2#

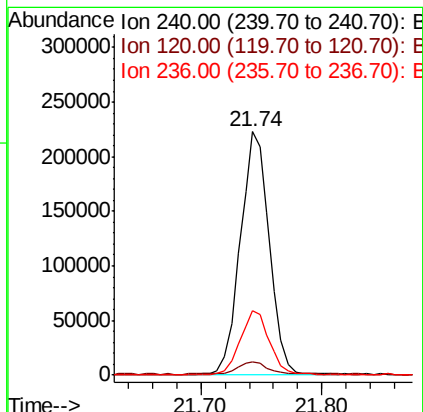
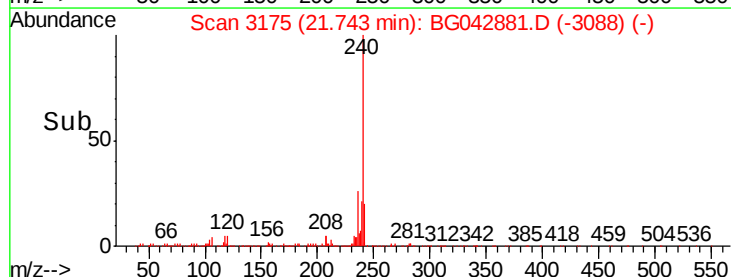
236 26.5 21.7 32.5

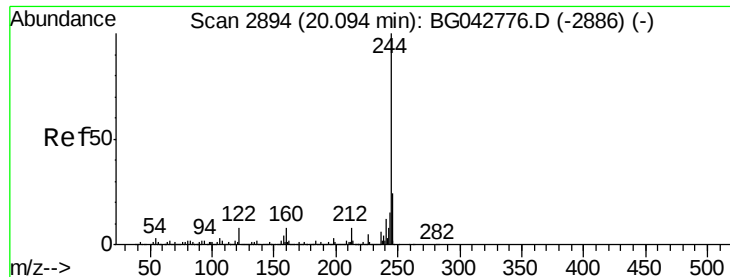


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.018 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.02 min

Lab File: BG042881.D

Acq: 17 Sep 2019 23:51

Instrument :

BNA_G

ClientSampleId :

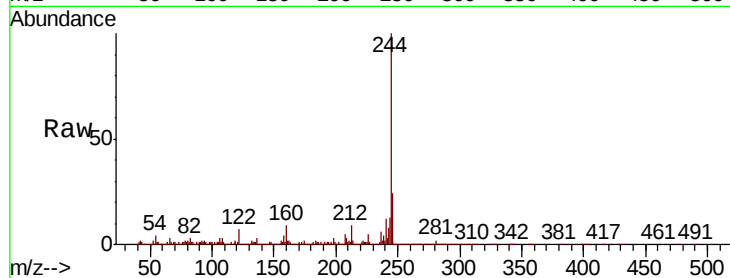
Tot Ion:244 Resp: 1656339

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

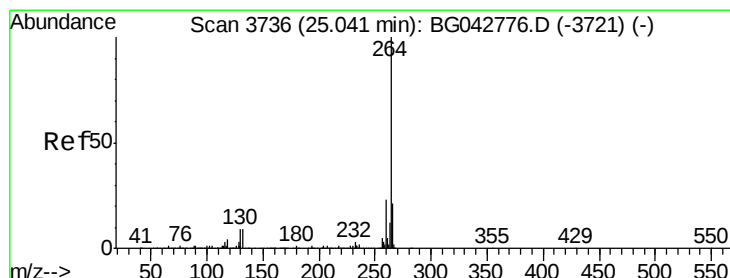
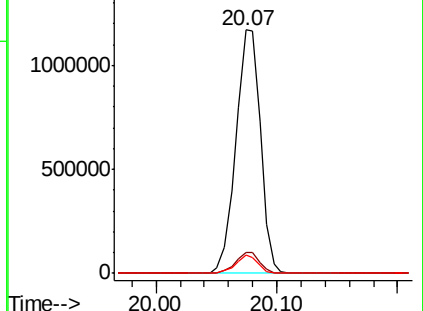
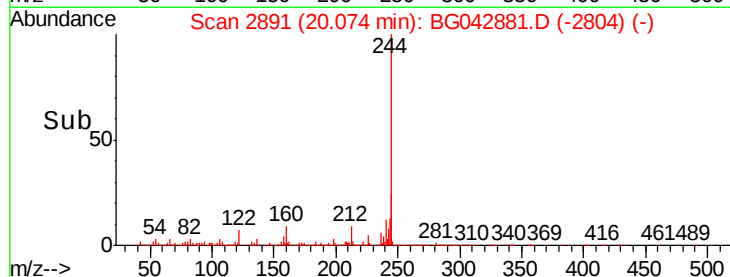
122 7.4 6.2 9.4



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: 25.01 min Scan# 3731

Delta R.T. -0.03 min

Lab File: BG042881.D

Acq: 17 Sep 2019 23:51

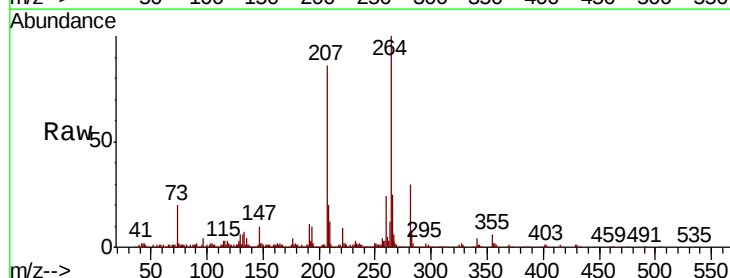
Tgt Ion:264 Resp: 396011

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.2

265 24.8 16.9 25.3



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

