

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044774.D
 Acq On : 13 Mar 2020 19:35
 Operator : CG/JU
 Sample : L1912-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z1-4

Quant Time: Mar 13 23:42:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

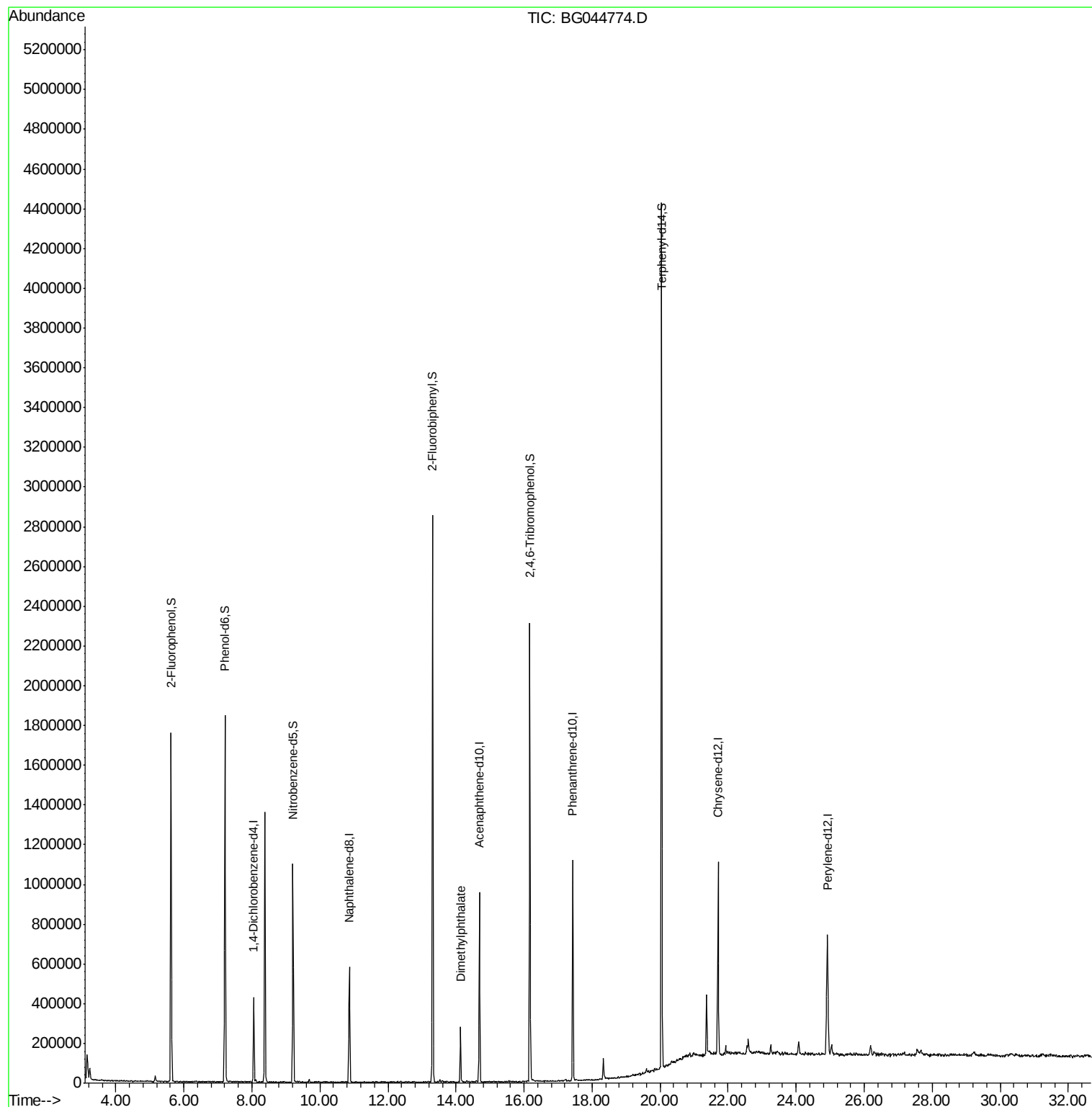
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	118256	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	499908	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	338736	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	718164	20.00	ng	0.00
76) Chrysene-d12	21.70	240	579293	20.00	ng	0.00
87) Perylene-d12	24.92	264	666447	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	749035	98.60	ng	0.00
7) Phenol-d6	7.21	99	1094883	99.20	ng	0.00
23) Nitrobenzene-d5	9.21	82	737516	64.74	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	445905	100.54	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1477945	62.48	ng	0.00
79) Terphenyl-d14	20.05	244	2028373	65.50	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.14	163	185479	6.875	ng	Qvalue 98

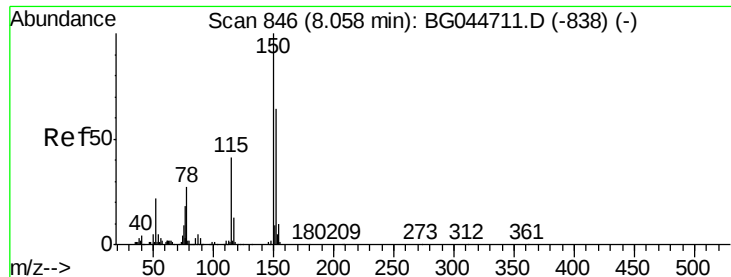
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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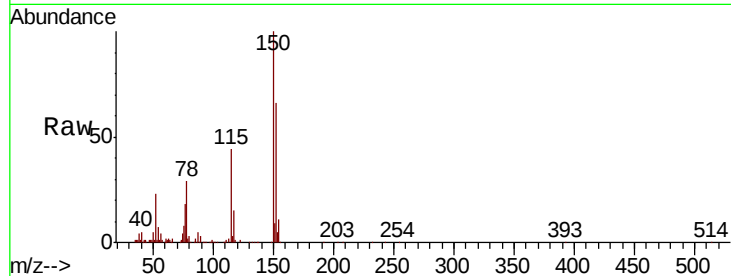


#1

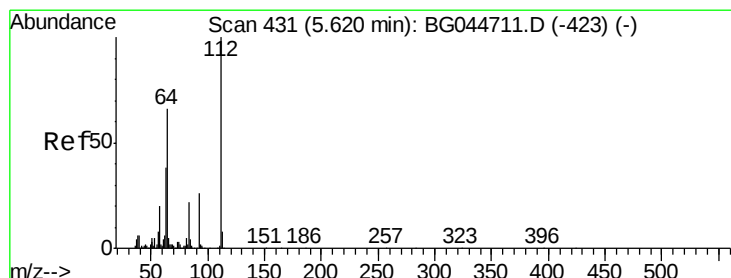
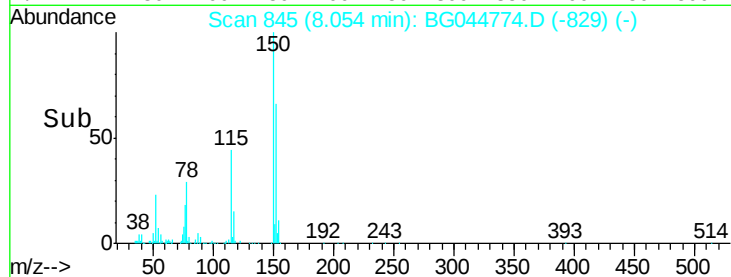
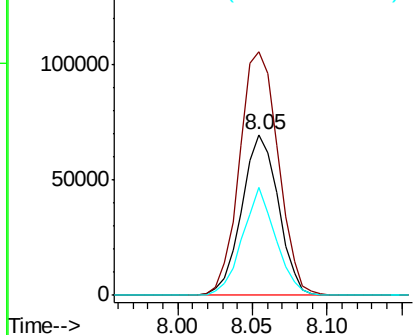
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG044774.D
 Acq: 13 Mar 2020 19:35

Instrument :
 BNA_G
 ClientSampleId :
 Z1-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	125.3	187.9
115	67.3	51.7	77.5



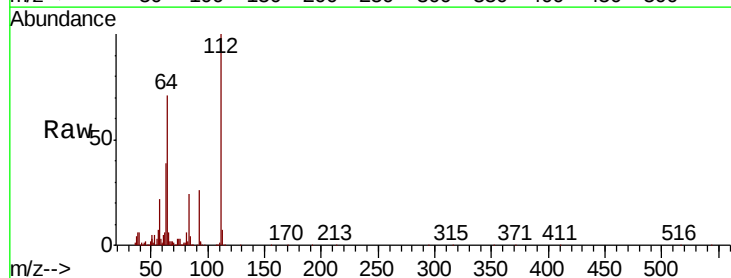
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



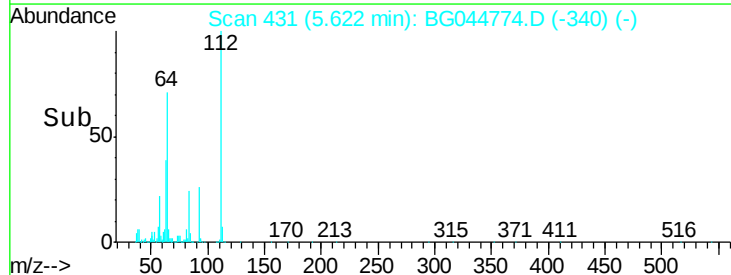
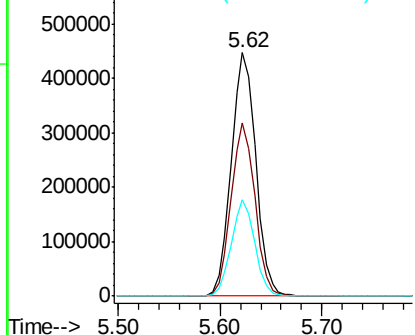
#5

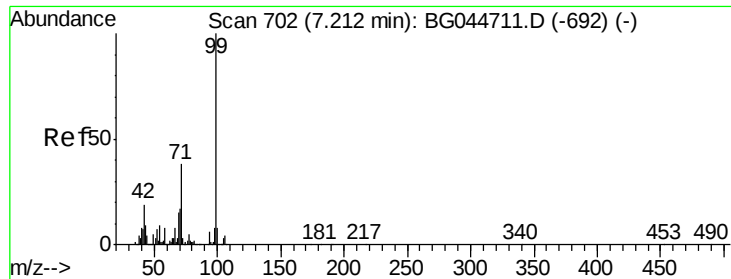
2-Fluorophenol
 Concen: 98.601 ng
 RT: 5.62 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BG044774.D
 Acq: 13 Mar 2020 19:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.3	52.6	78.8
63	39.4	30.2	45.4



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: 99.198 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044774.D

Acq: 13 Mar 2020 19:35

Instrument :

BNA_G

ClientSampleId :

Z1-4

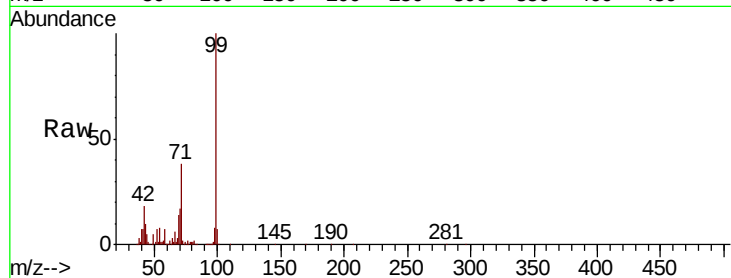
Tot Ion: 99 Resp: 1094883

Ion Ratio Lower Upper

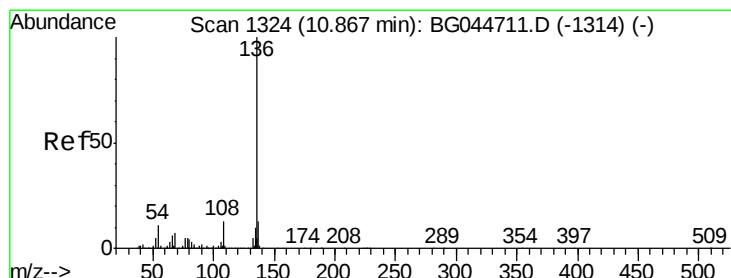
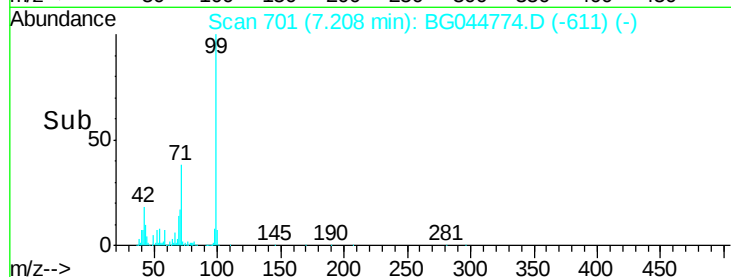
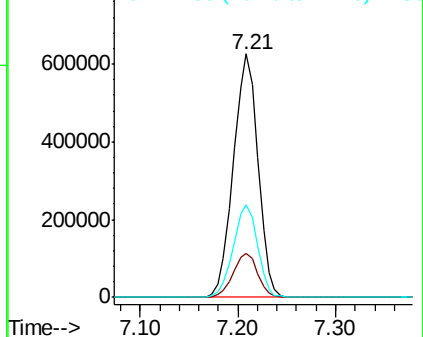
99 100

42 18.2 15.4 23.0

71 38.0 30.2 45.4



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: 10.86 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BG044774.D

Acq: 13 Mar 2020 19:35

Tgt Ion: 136 Resp: 499908

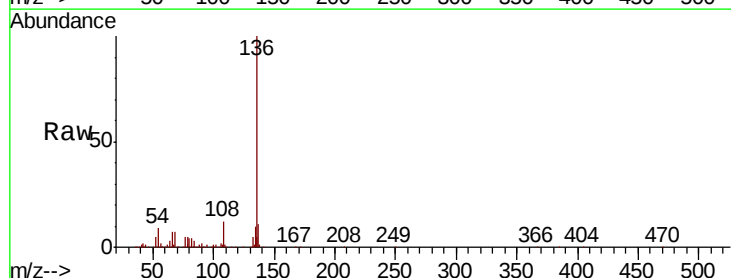
Ion Ratio Lower Upper

136 100

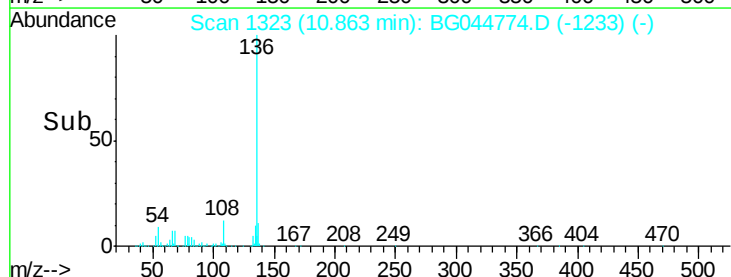
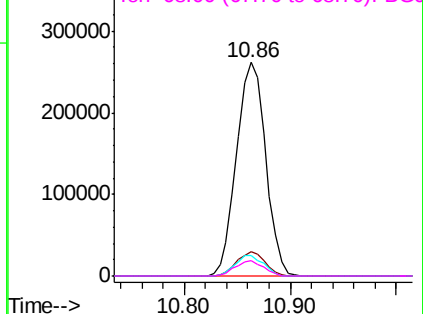
137 11.5 10.7 16.1

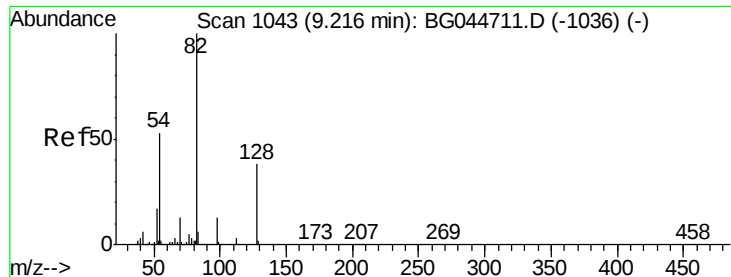
54 9.3 9.0 13.4

68 7.4 5.9 8.9



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

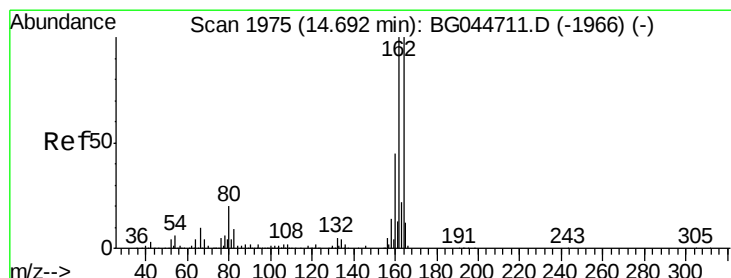
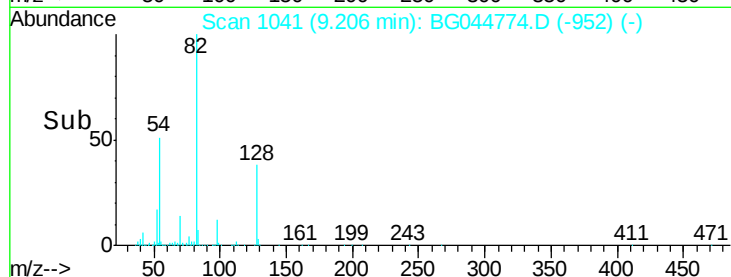
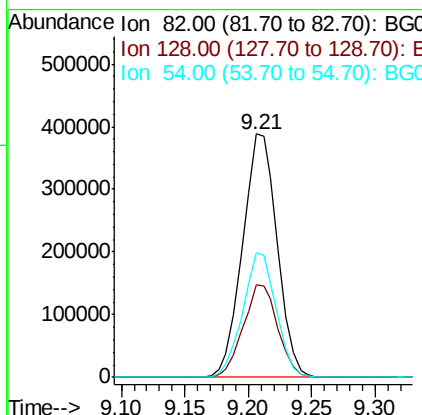
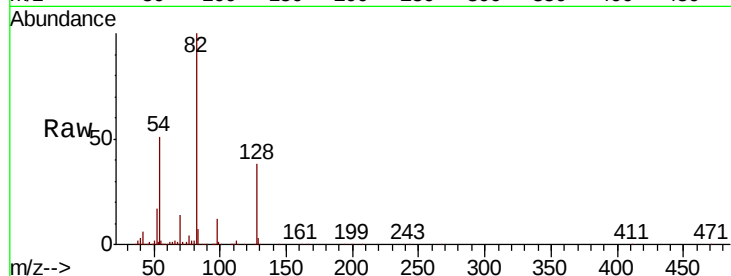




#23
Nitrobenzene-d5
Concen: 64.738 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG044774.D
Acq: 13 Mar 2020 19:35

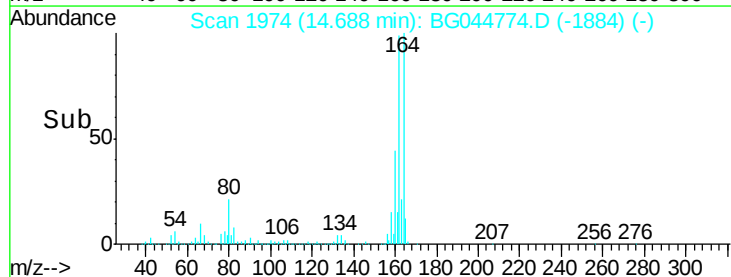
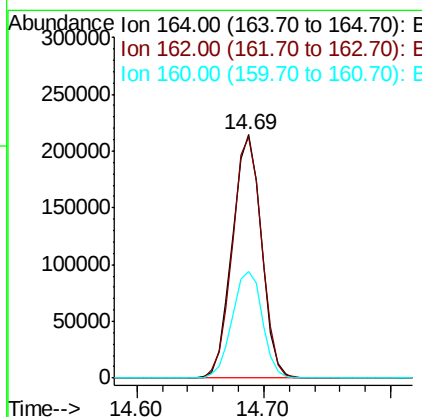
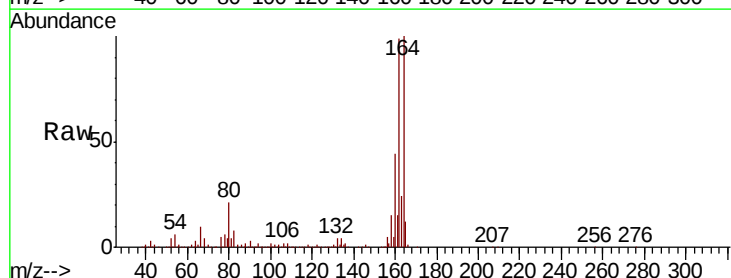
Instrument :
BNA_G
ClientSampled :
Z1-4

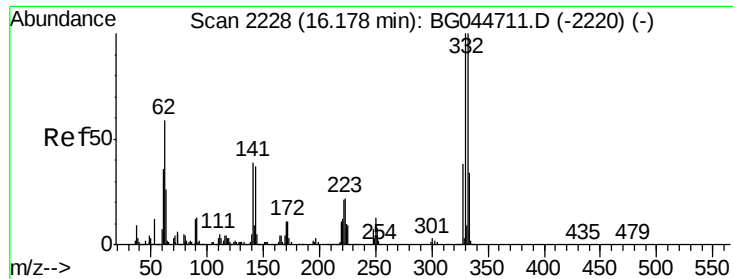
Tot Ion	82	Resp	737516
Ion Ratio	Lower	Upper	
82	100		
128	38.1	30.2	45.2
54	51.3	41.8	62.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG044774.D
Acq: 13 Mar 2020 19:35

Tgt Ion	164	Resp	338736
Ion Ratio	Lower	Upper	
164	100		
162	98.9	80.2	120.4
160	44.0	36.2	54.2

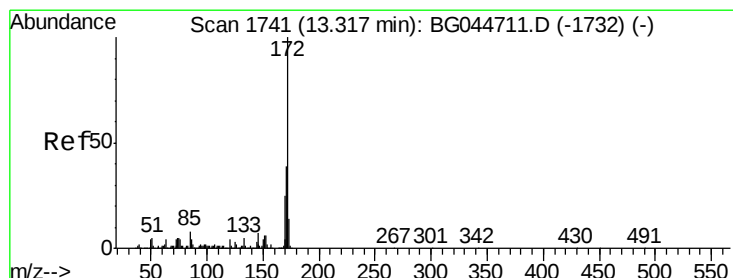
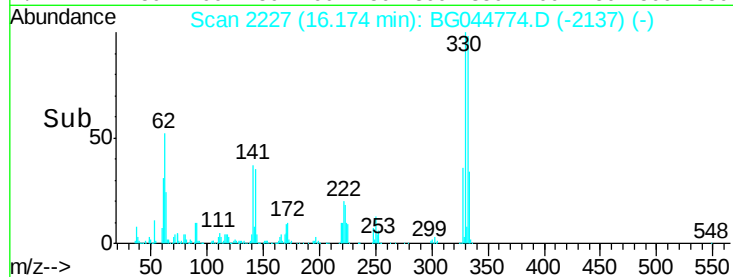
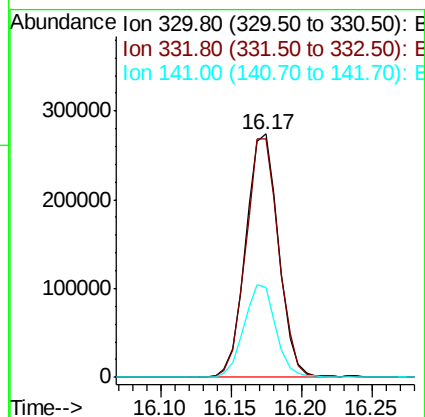
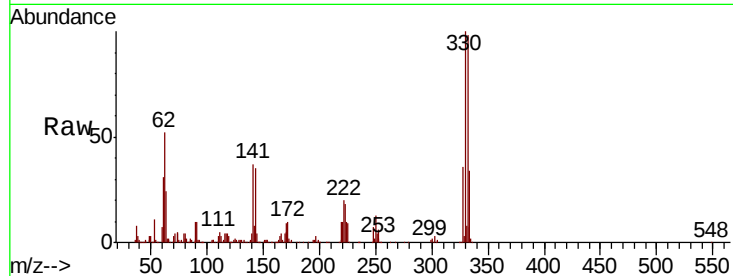




#42
 2,4,6-Tribromophenol
 Concen: 100.537 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.00 min
 Lab File: BG044774.D
 Acq: 13 Mar 2020 19:35

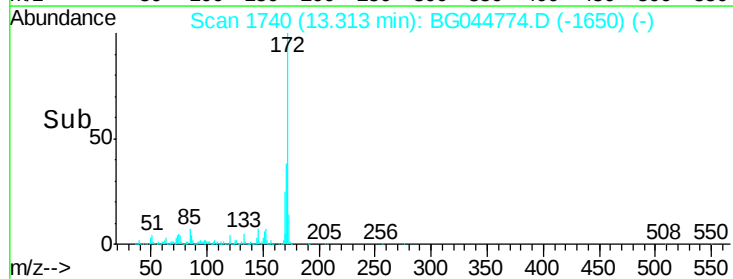
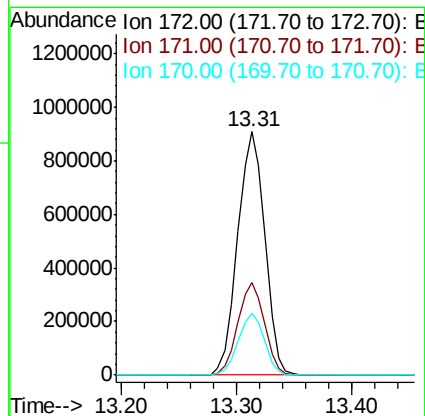
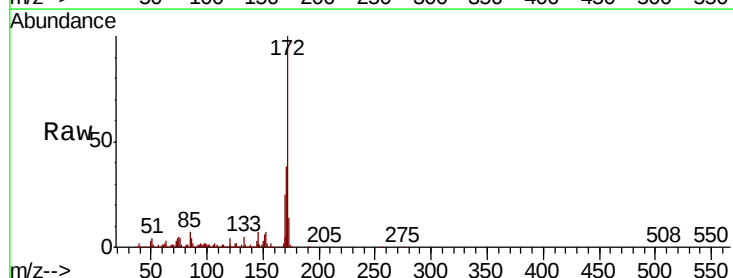
Instrument :
 BNA_G
 ClientSampleId :
 Z1-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.5	116.3
141	37.0	31.7	47.5



#45
 2-Fluorobiphenyl
 Concen: 62.481 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG044774.D
 Acq: 13 Mar 2020 19:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	25.4	20.0	30.0





#50

Dimethylphthalate

Concen: 6.875 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG044774.D

Acq: 13 Mar 2020 19:35

Instrument :

BNA_G

ClientSampleId :

Z1-4

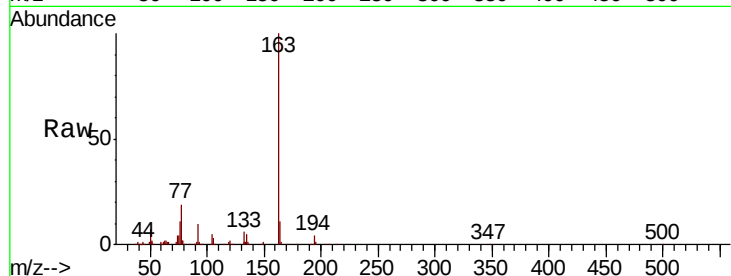
Tot Ion:163 Resp: 185479

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

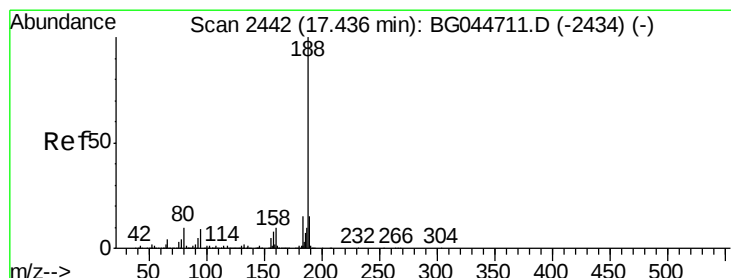
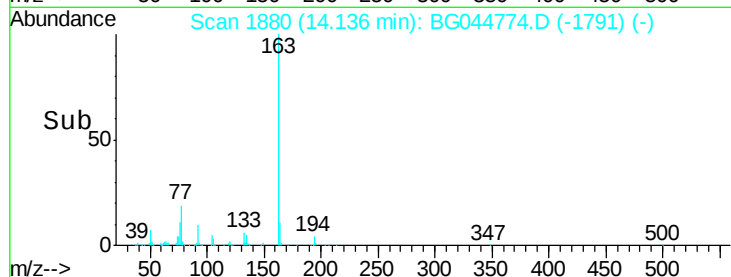
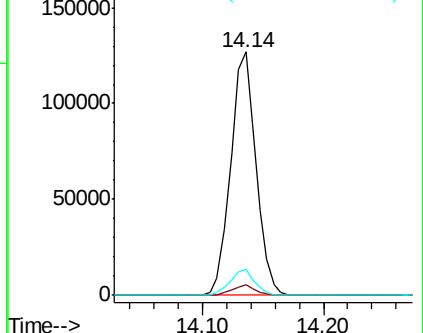
164 10.5 9.2 13.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG044774.D

Acq: 13 Mar 2020 19:35

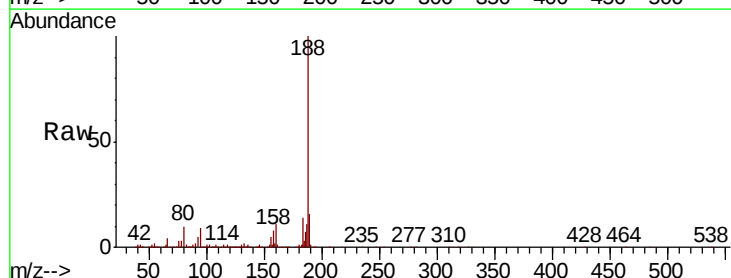
Tgt Ion:188 Resp: 718164

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

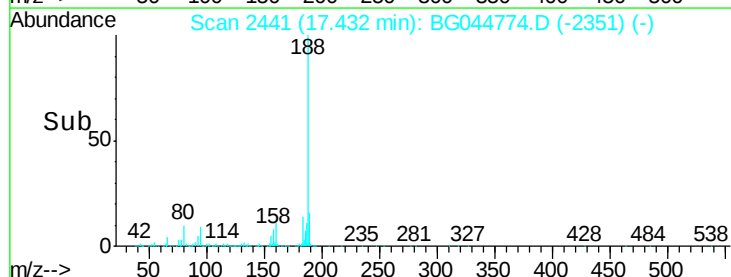
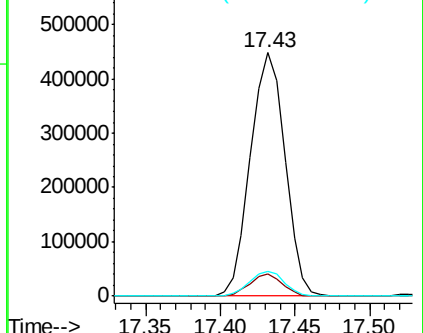
80 10.0 8.4 12.6

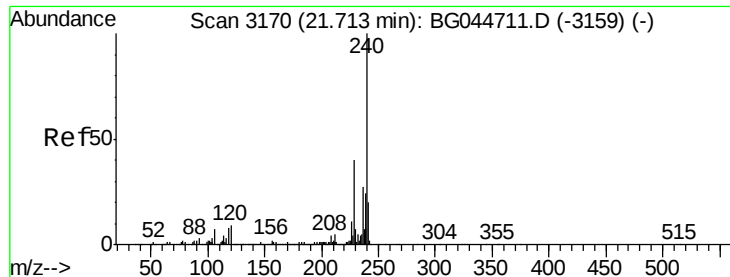


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044774.D

Acq: 13 Mar 2020 19:35

Instrument :

BNA_G

ClientSampleId :

Z1-4

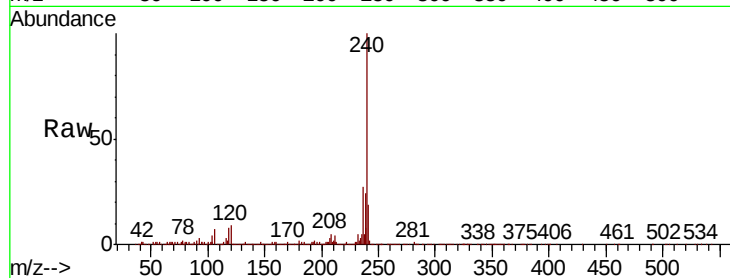
Tot Ion:240 Resp: 579293

Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

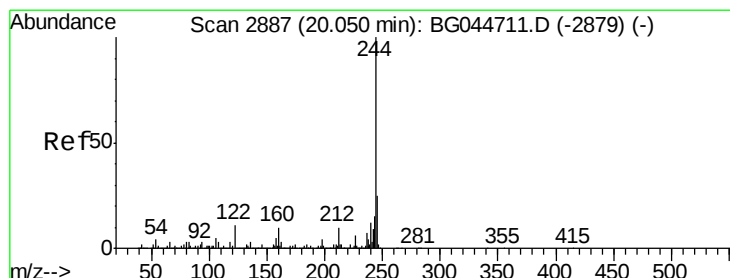
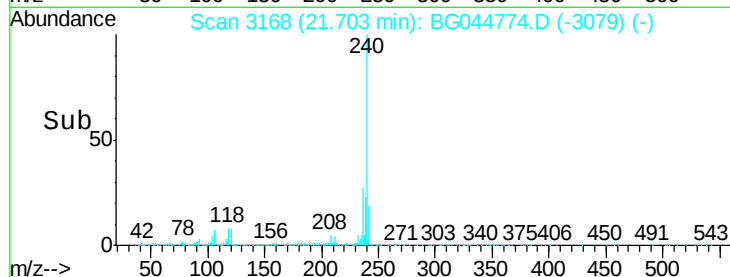
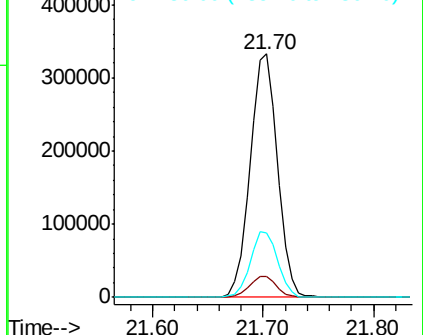
236 26.6 21.9 32.9



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: 65.497 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044774.D

Acq: 13 Mar 2020 19:35

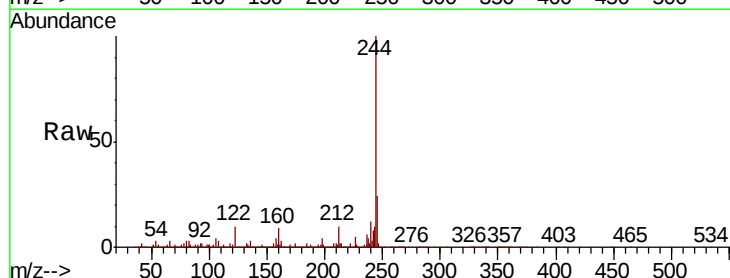
Tgt Ion:244 Resp: 2028373

Ion Ratio Lower Upper

244 100

212 9.9 8.4 12.6

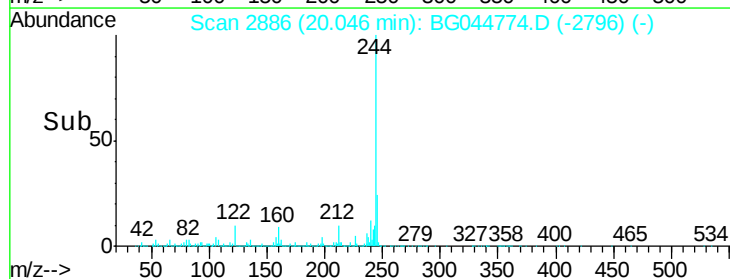
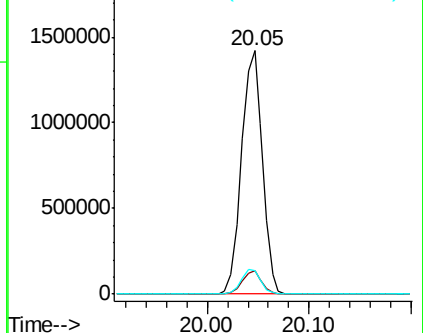
122 9.8 8.7 13.1

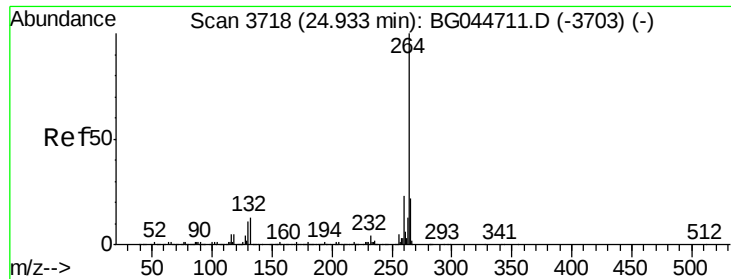


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

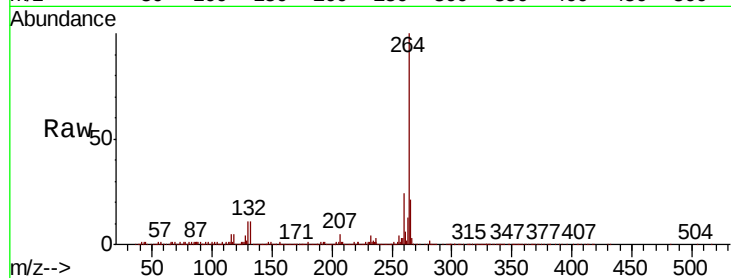




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.02 min
Lab File: BG044774.D
Acq: 13 Mar 2020 19:35

Instrument :
BNA_G
ClientSampleId :
Z1-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	21.5	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

