

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044552.D
 Acq On : 21 Feb 2020 16:57
 Operator : CG/JU
 Sample : L1561-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE

Quant Time: Feb 22 06:01:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

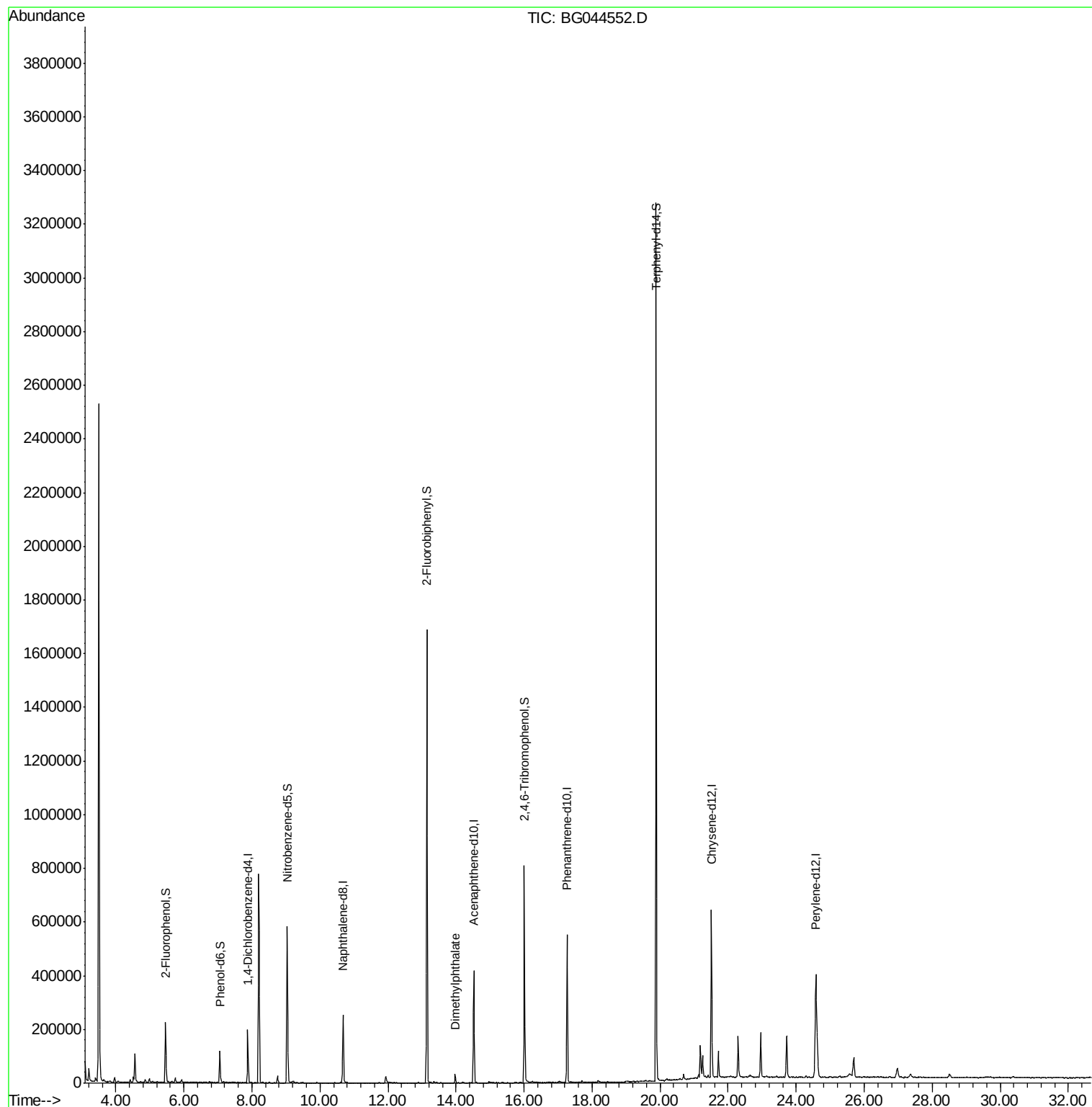
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	60276	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	238069	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	154460	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	351135	20.00	ng	0.00
76) Chrysene-d12	21.51	240	351754	20.00	ng	0.00
87) Perylene-d12	24.58	264	397062	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	122865	35.97	ng	0.00
7) Phenol-d6	7.05	99	84192	18.36	ng	0.00
23) Nitrobenzene-d5	9.03	82	383763	91.01	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	165955	91.52	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	919660	99.70	ng	0.00
79) Terphenyl-d14	19.88	244	1646467	96.28	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.98	163	25418	2.289	ng	Qvalue 98

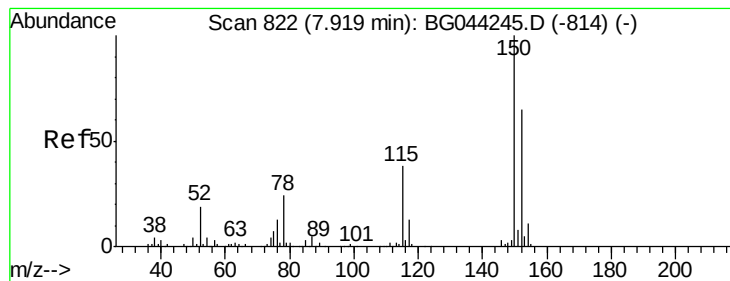
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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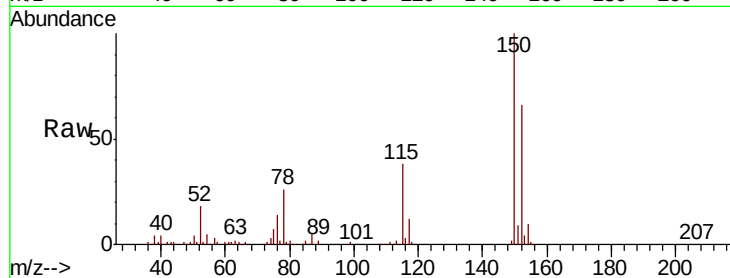


#1

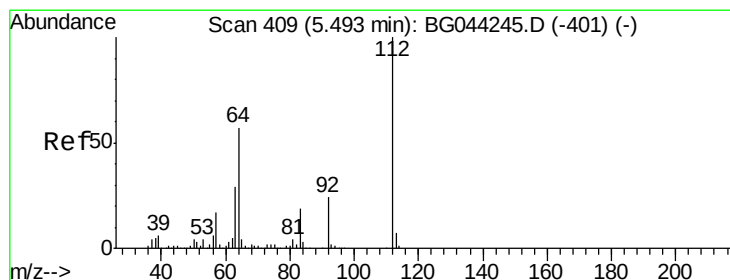
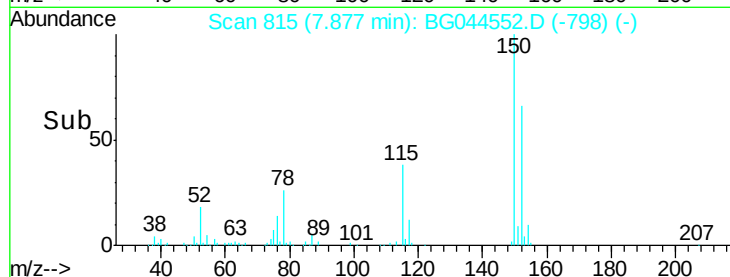
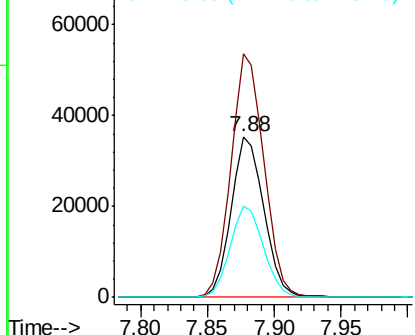
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BG044552.D
Acq: 21 Feb 2020 16:57

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	123.1	184.7
115	56.9	45.1	67.7



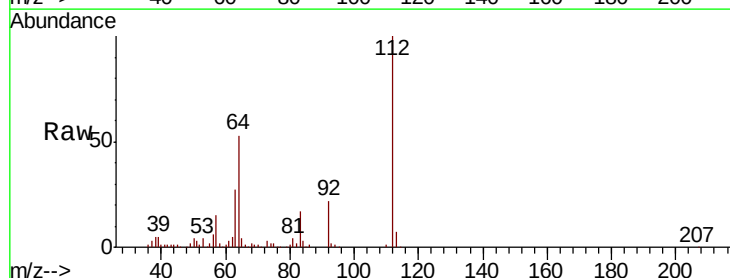
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



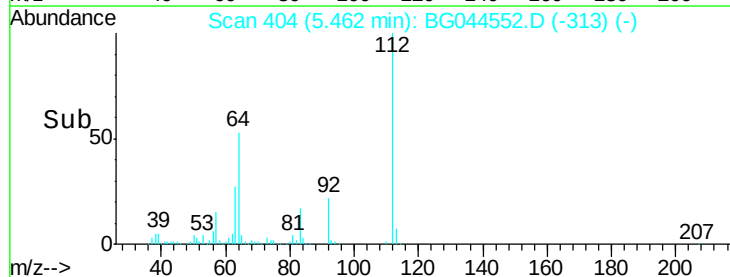
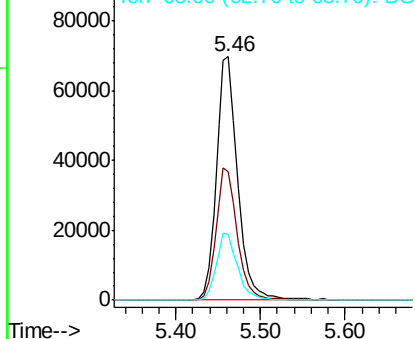
#5

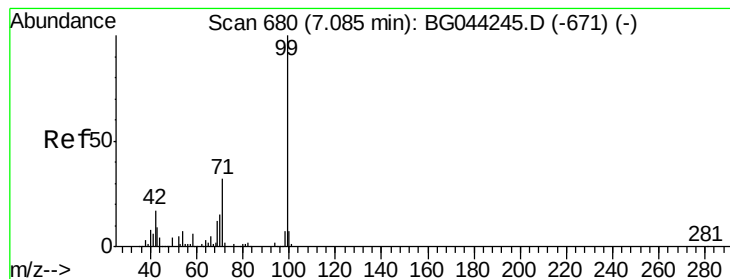
2-Fluorophenol
Concen: 35.974 ng
RT: 5.46 min Scan# 404
Delta R.T. 0.01 min
Lab File: BG044552.D
Acq: 21 Feb 2020 16:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	44.5	66.7
63	27.0	22.2	33.2



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: 18.357 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG044552.D

Acq: 21 Feb 2020 16:57

Instrument :

BNA_G

ClientSampleId :

MANHOLE

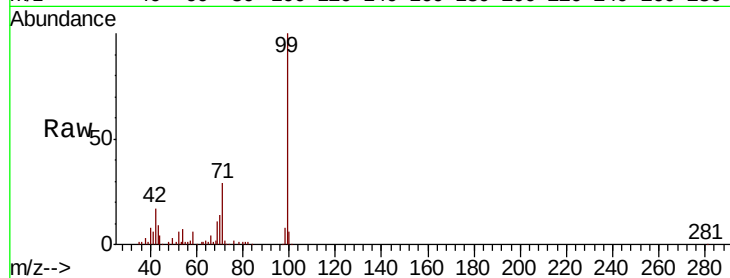
Tot Ion: 99 Resp: 84192

Ion Ratio Lower Upper

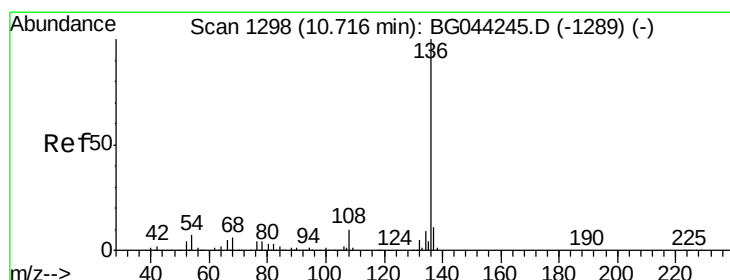
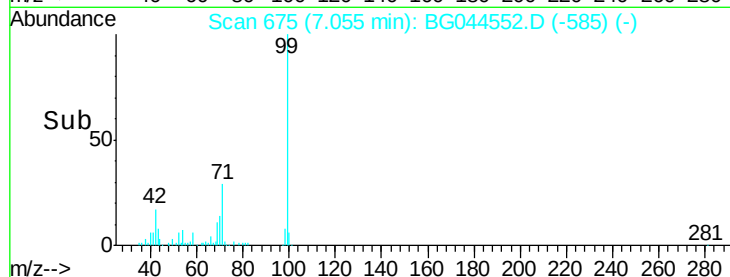
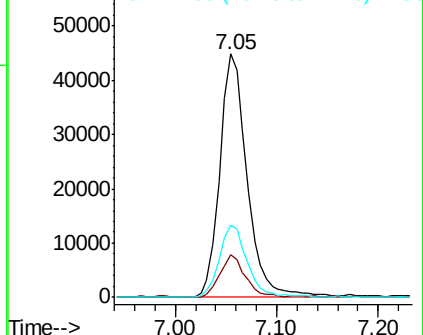
99 100

42 17.4 13.4 20.0

71 29.5 24.7 37.1



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: 10.68 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BG044552.D

Acq: 21 Feb 2020 16:57

Tgt Ion: 136 Resp: 238069

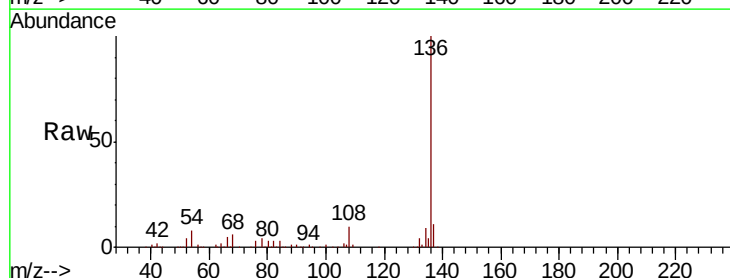
Ion Ratio Lower Upper

136 100

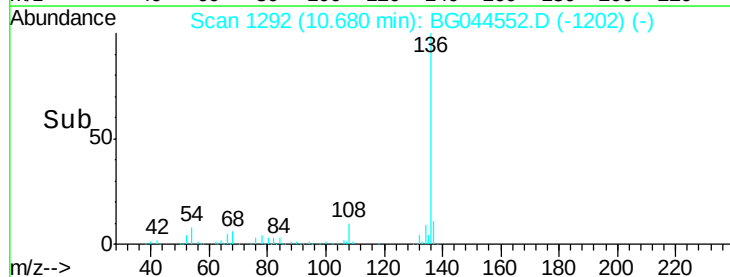
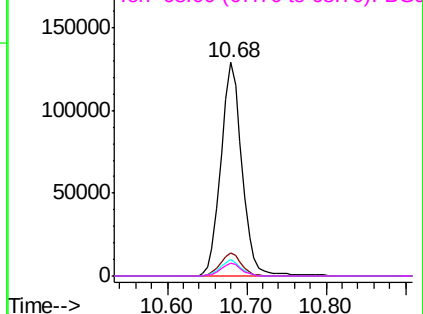
137 11.0 9.0 13.6

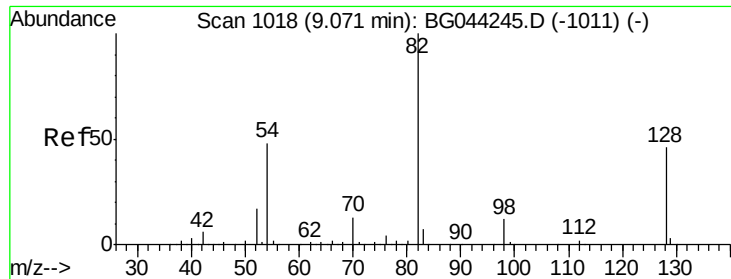
54 7.6 5.5 8.3

68 6.0 4.6 6.8



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

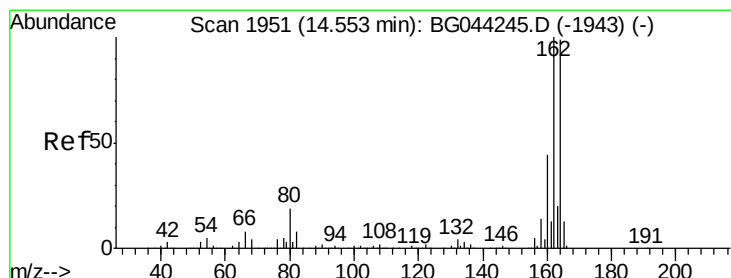
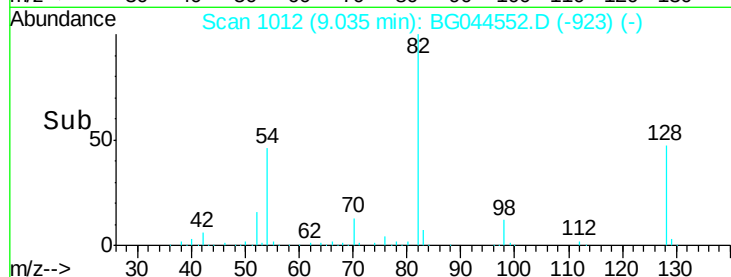
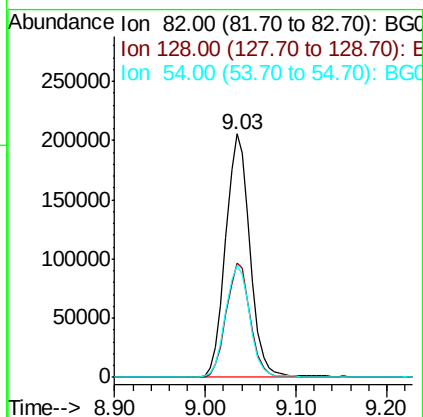
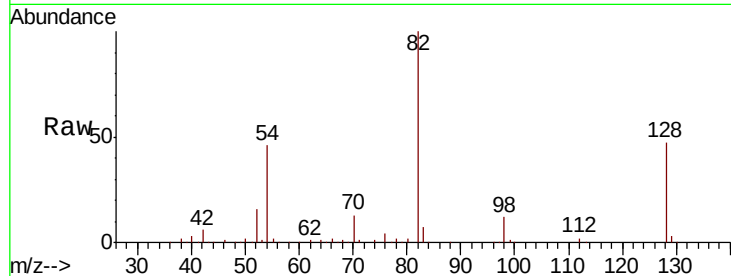




#23
 Nitrobenzene-d5
 Concen: 91.007 ng
 RT: 9.03 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG044552.D
 Acq: 21 Feb 2020 16:57

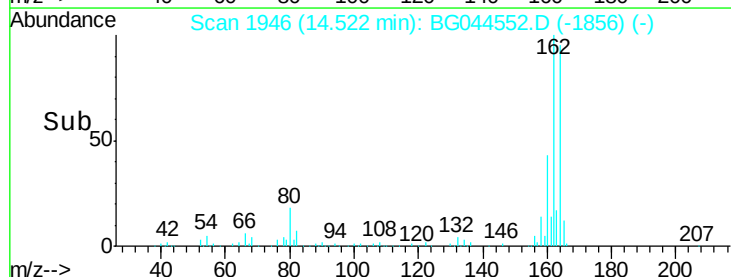
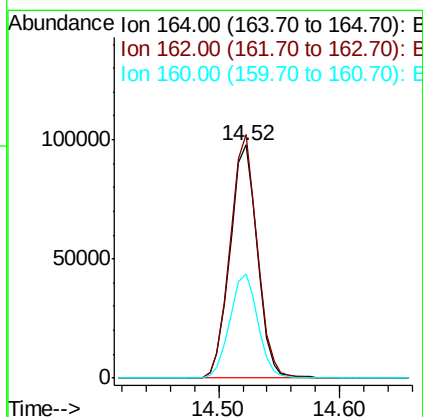
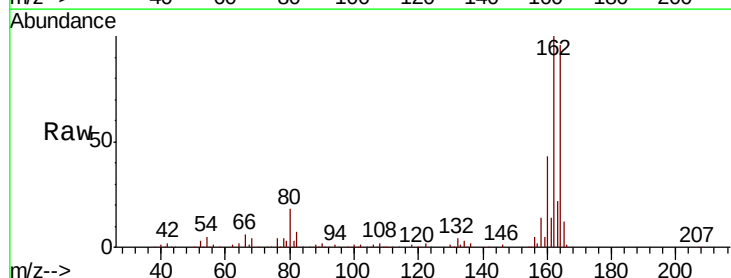
Instrument :
 BNA_G
 ClientSampled :
 MANHOLE

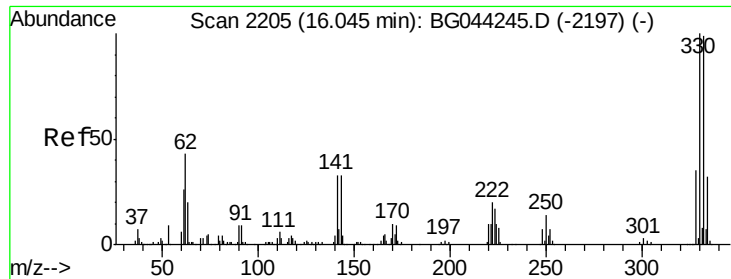
Tot Ion	82	Resp	383763
Ion Ratio	Lower	Upper	
82	100		
128	46.9	39.1	58.7
54	45.9	37.9	56.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG044552.D
 Acq: 21 Feb 2020 16:57

Tgt Ion	164	Resp	154460
Ion Ratio	Lower	Upper	
164	100		
162	104.4	81.9	122.9
160	44.9	35.5	53.3

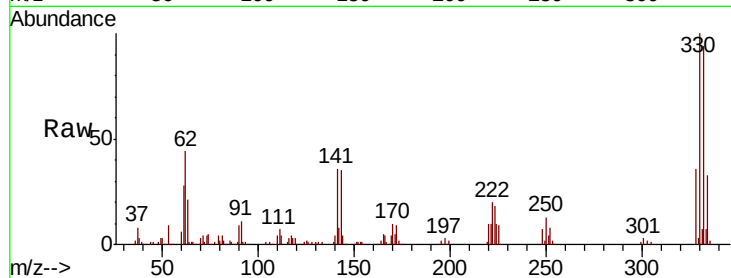




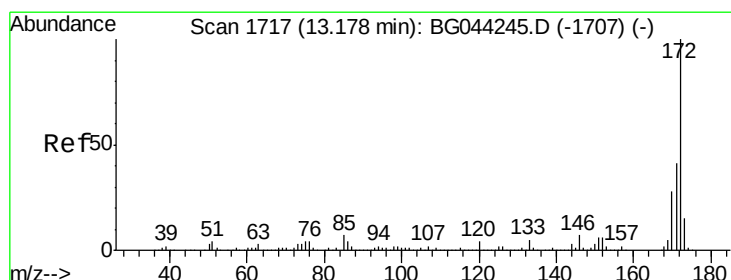
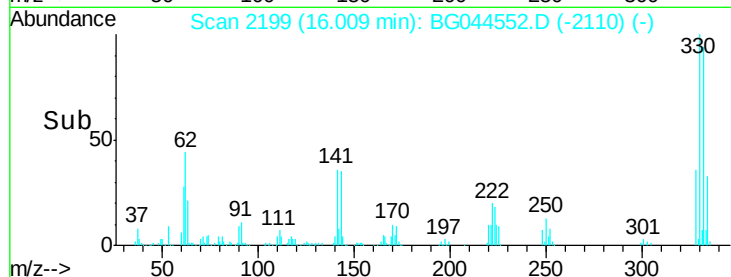
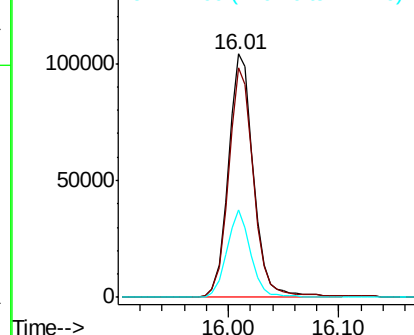
#42
 2,4,6-Tribromophenol
 Concen: 91.522 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG044552.D
 Acq: 21 Feb 2020 16:57

Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.6	115.0
141	34.2	26.5	39.7

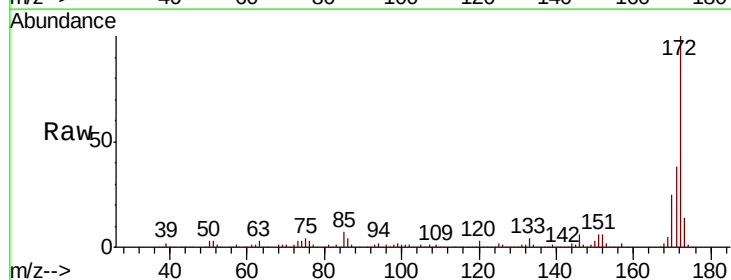


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

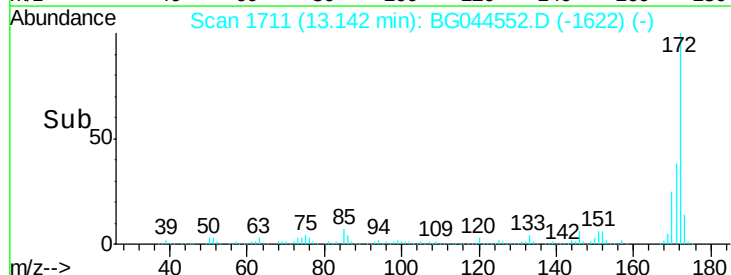
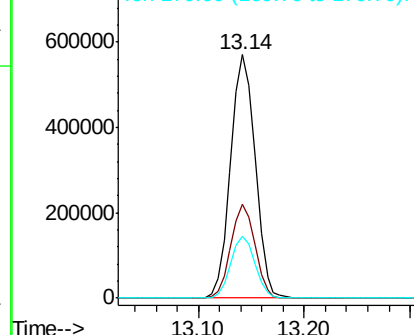


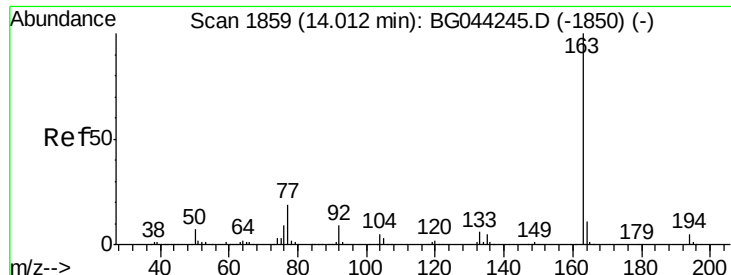
#45
 2-Fluorobiphenyl
 Concen: 99.704 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG044552.D
 Acq: 21 Feb 2020 16:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.3	48.5
170	25.4	21.6	32.4



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





#50

Dimethylphthalate

Concen: 2.289 ng

RT: 13.98 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG044552.D

Acq: 21 Feb 2020 16:57

Instrument :

BNA_G

ClientSampleId :

MANHOLE

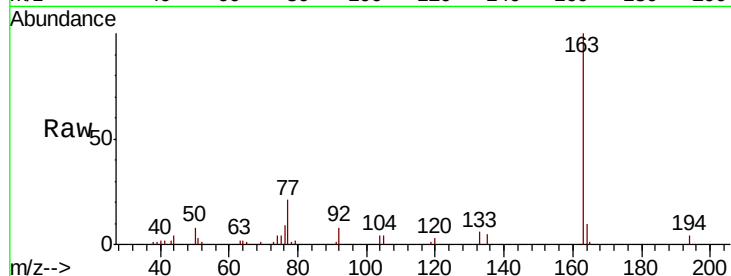
Tot Ion:163 Resp: 25418

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

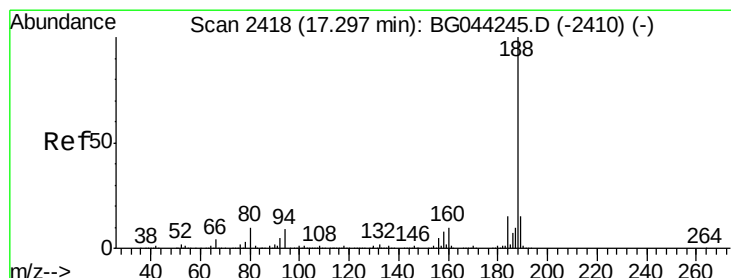
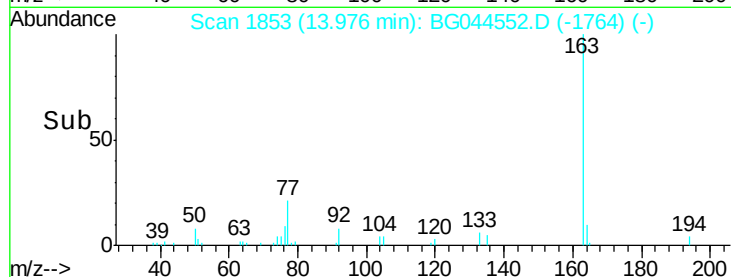
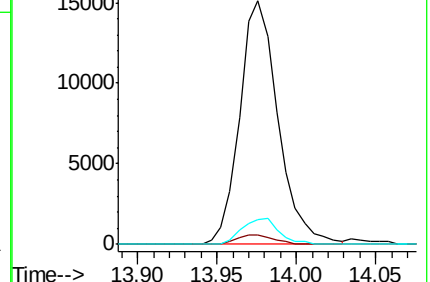
164 10.3 8.9 13.3



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: 17.27 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG044552.D

Acq: 21 Feb 2020 16:57

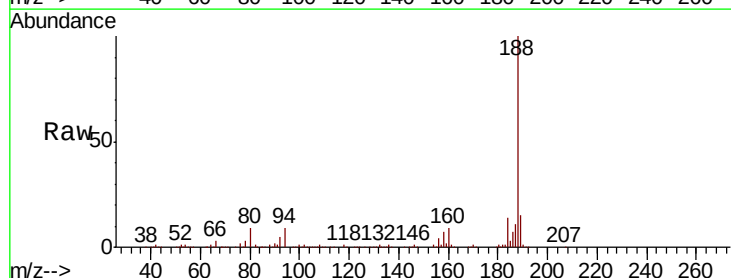
Tgt Ion:188 Resp: 351135

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.0

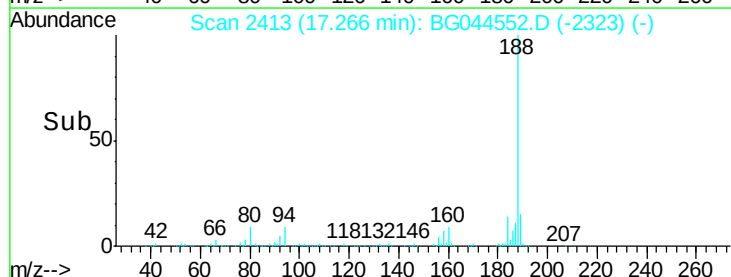
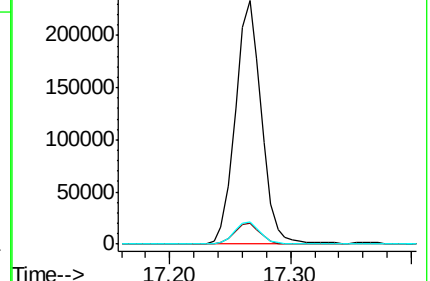
80 9.2 7.8 11.6

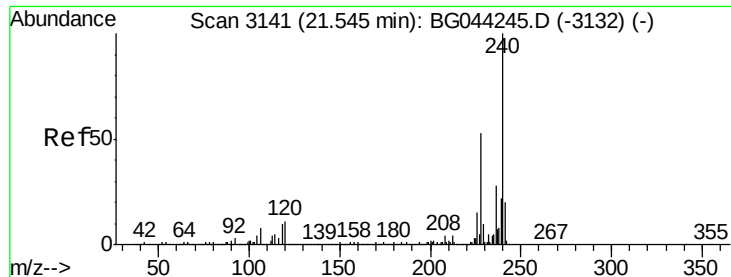


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

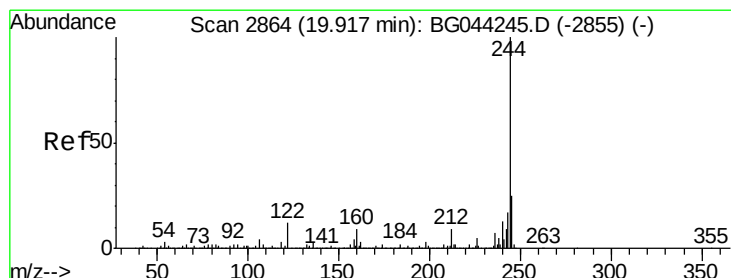
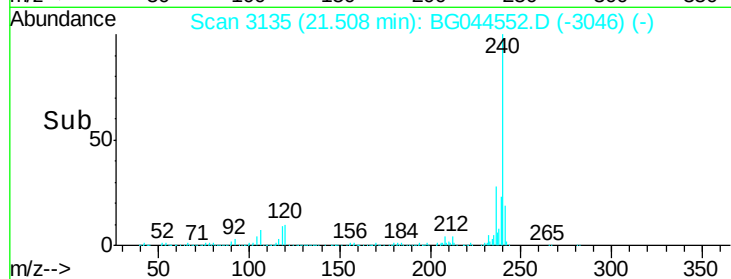
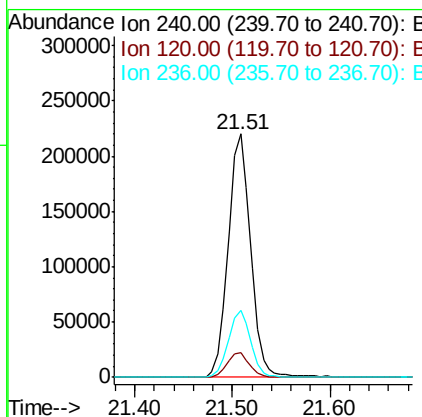
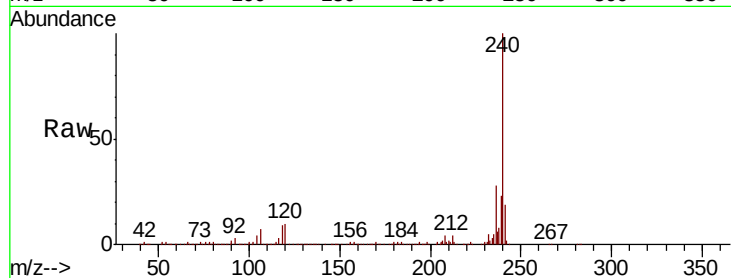




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.01 min
 Lab File: BG044552.D
 Acq: 21 Feb 2020 16:57

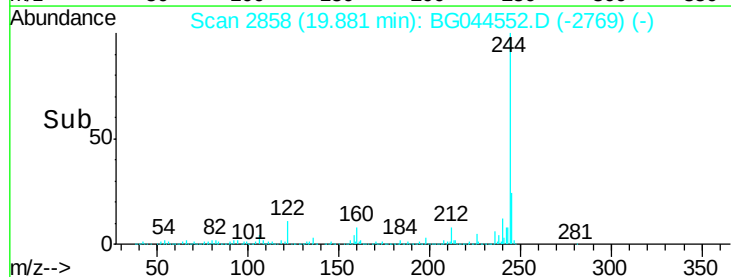
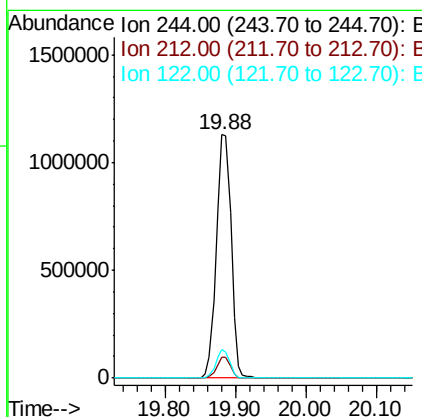
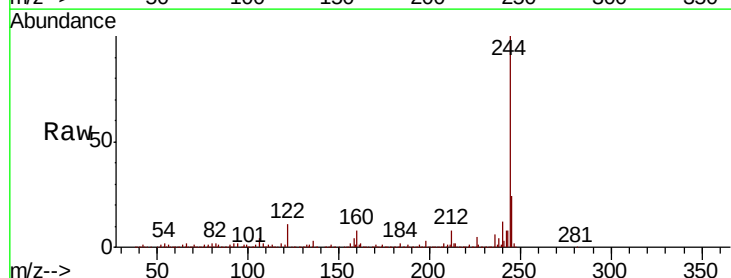
Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE

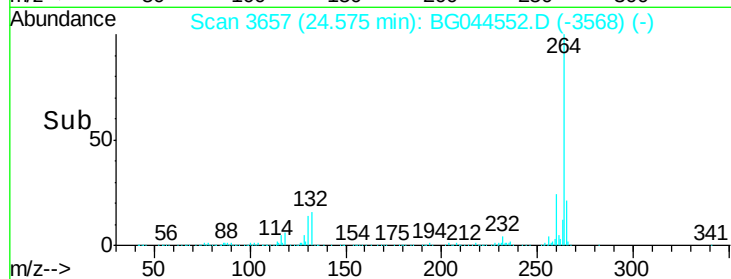
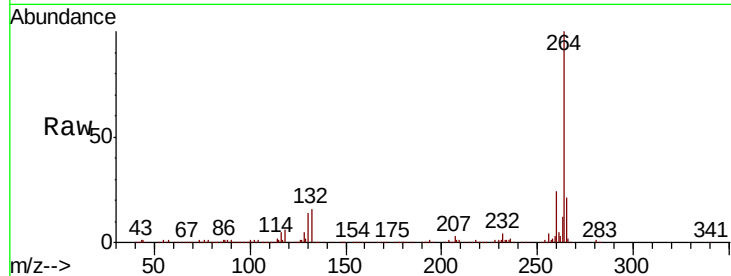
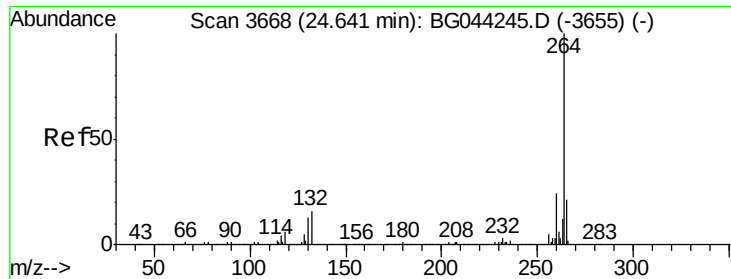
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.2	12.2
236	27.6	22.0	33.0



#79
 Terphenyl-d14
 Concen: 96.277 ng
 RT: 19.88 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG044552.D
 Acq: 21 Feb 2020 16:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.6	11.4
122	11.5	9.8	14.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.58 min Scan# 3657
Delta R.T. -0.01 min
Lab File: BG044552.D
Acq: 21 Feb 2020 16:57

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Tot Ion:	264	Resp:	397062
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	21.4	17.6	26.4

