

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
 Data File : BG043993.D
 Acq On : 9 Jan 2020 9:05
 Operator : JU
 Sample : L1048-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FRONT-PIER-B

Quant Time: Jan 10 10:56:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

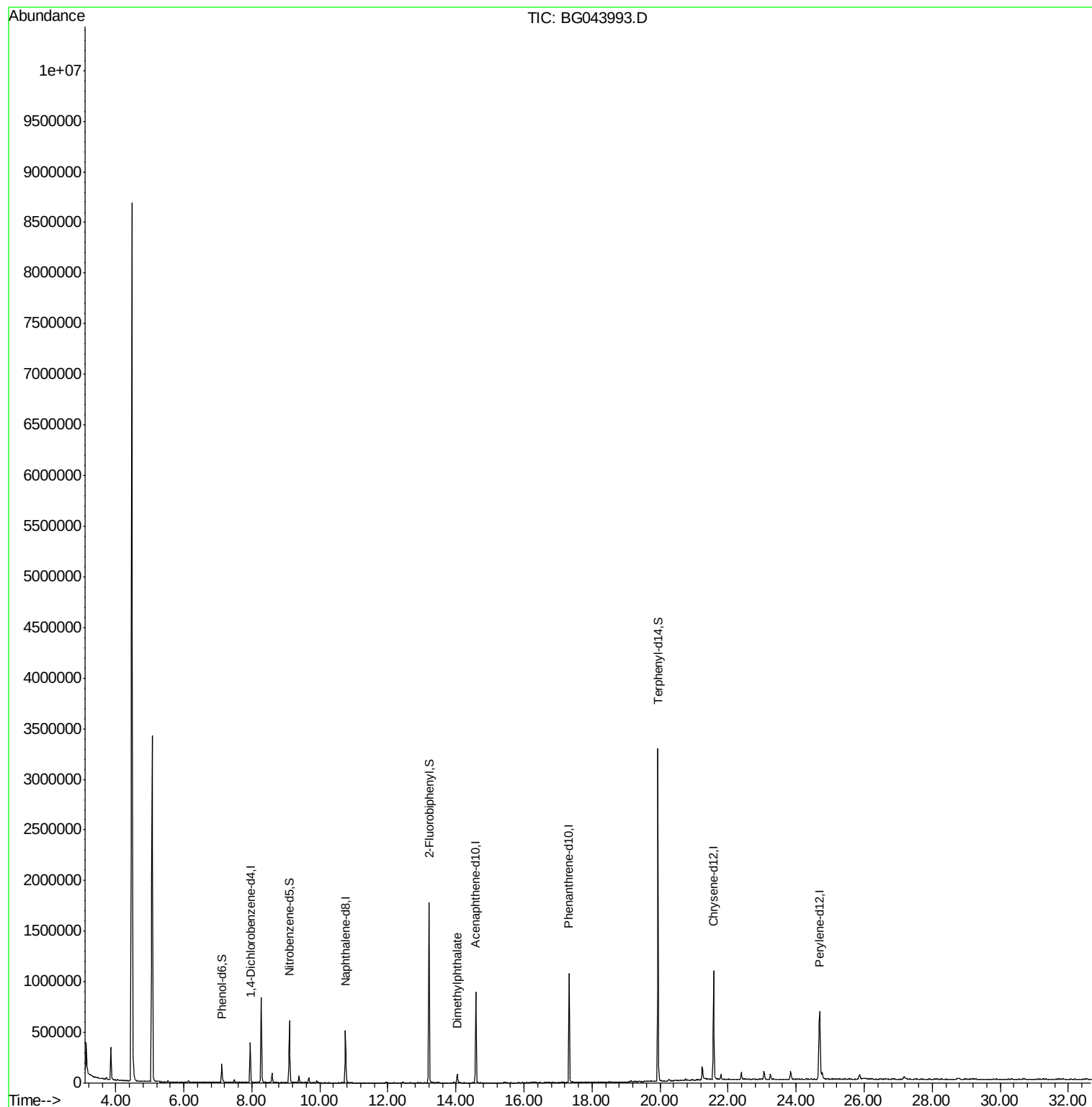
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	120830	20.00	ng	-0.01
21) Naphthalene-d8	10.75	136	478530	20.00	ng	-0.01
39) Acenaphthene-d10	14.58	164	313642	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	700361	20.00	ng	0.00
76) Chrysene-d12	21.57	240	628701	20.00	ng	-0.02
87) Perylene-d12	24.69	264	687510	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	7255	1.10	ng	0.00
7) Phenol-d6	7.12	99	124524	13.54	ng	0.00
23) Nitrobenzene-d5	9.10	82	391646	43.78	ng	-0.02
42) 2,4,6-Tribromophenol	16.08	330	144	0.04	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	943388	54.50	ng	-0.01
79) Terphenyl-d14	19.94	244	1494360	50.49	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.04	163	73045	3.280	ng	Qvalue # 97

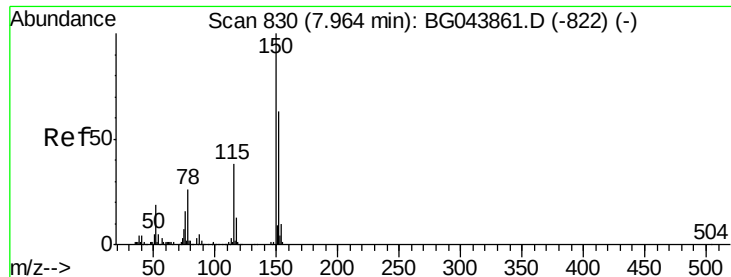
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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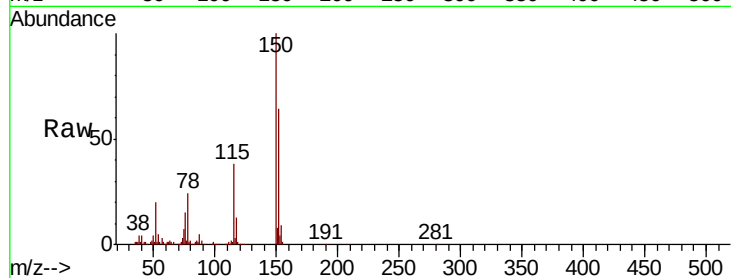


#1

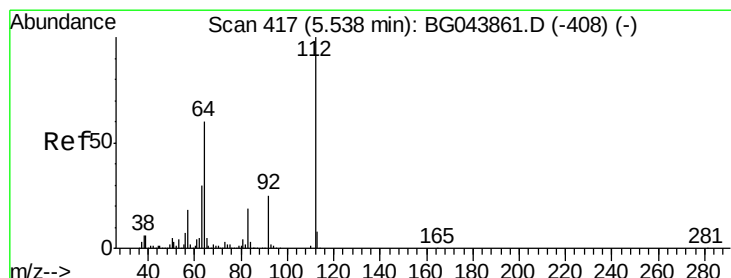
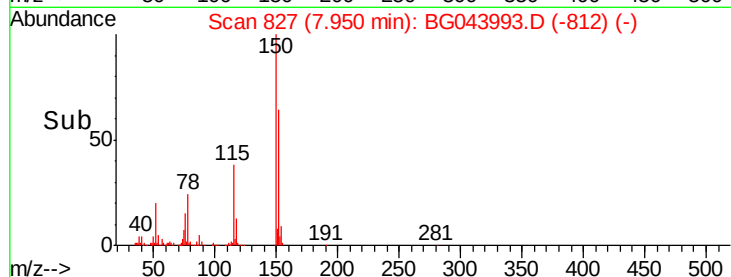
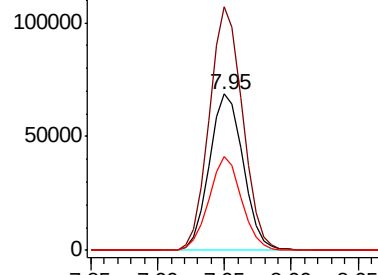
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG043993.D
Acq: 9 Jan 2020 9:05

Instrument :
BNA_G
ClientSampleId :
FRONT-PIER-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.0	190.4
115	59.9	47.8	71.8



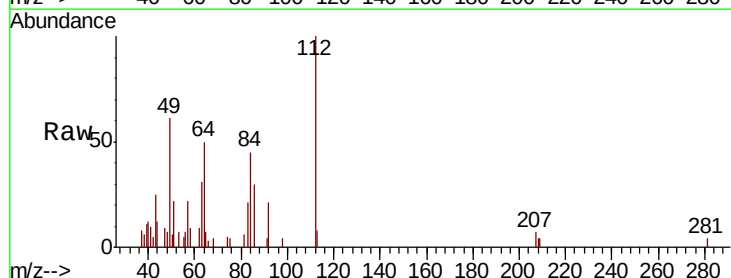
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



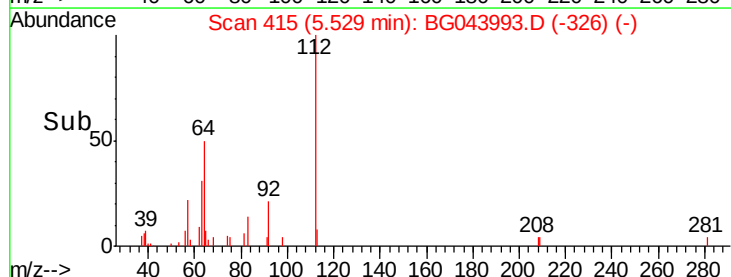
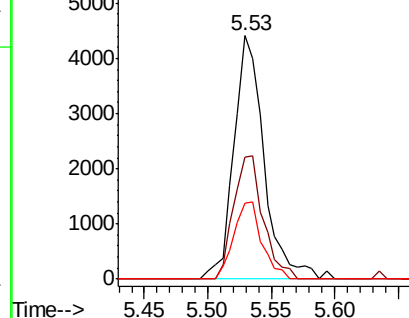
#5

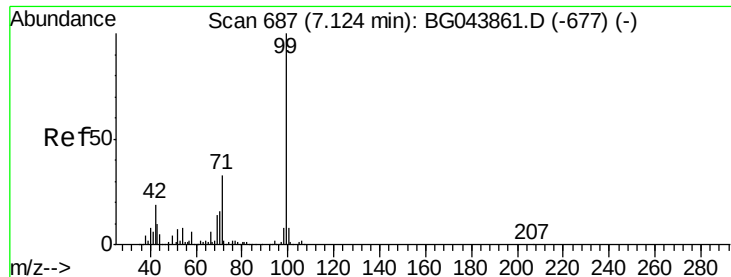
2-Fluorophenol
Concen: 1.102 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG043993.D
Acq: 9 Jan 2020 9:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.3	47.8	71.6
63	31.4	24.3	36.5



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: 13.537 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG043993.D

Acq: 9 Jan 2020 9:05

Instrument :

BNA_G

ClientSampleId :

FRONT-PIER-B

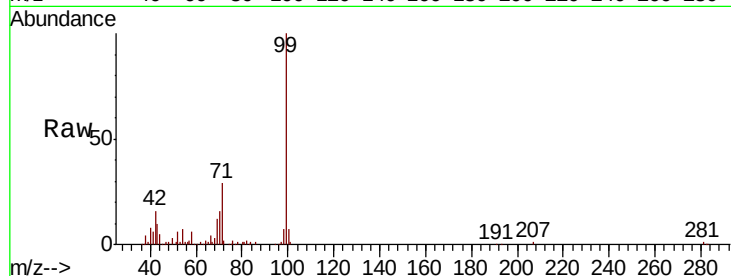
Tot Ion: 99 Resp: 124524

Ion Ratio Lower Upper

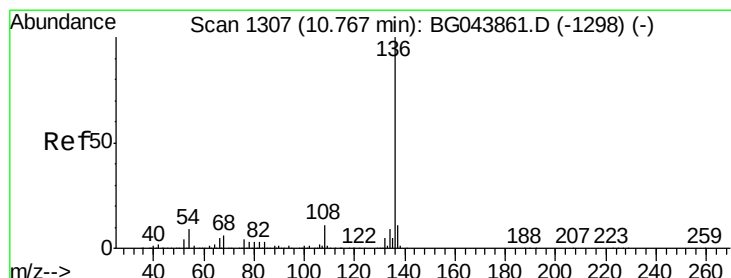
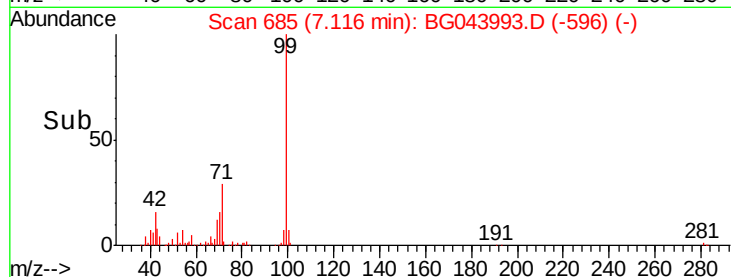
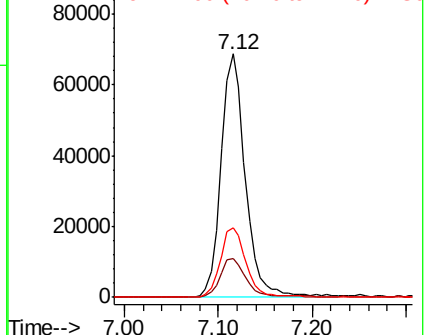
99 100

42 16.1 14.9 22.3

71 28.5 26.4 39.6



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: 10.75 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG043993.D

Acq: 9 Jan 2020 9:05

Tgt Ion: 136 Resp: 478530

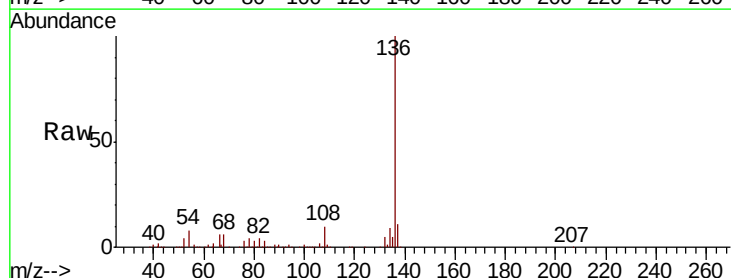
Ion Ratio Lower Upper

136 100

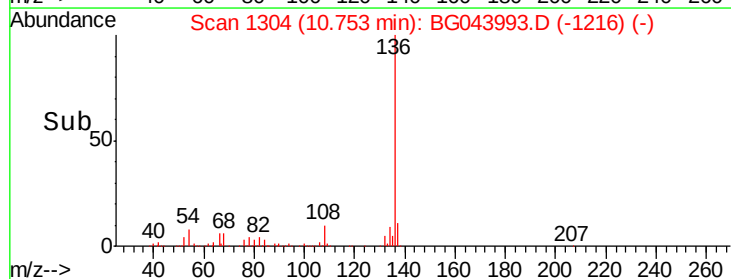
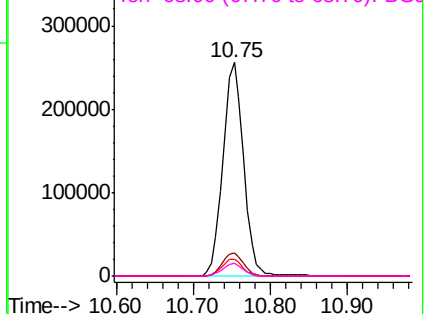
137 11.0 8.8 13.2

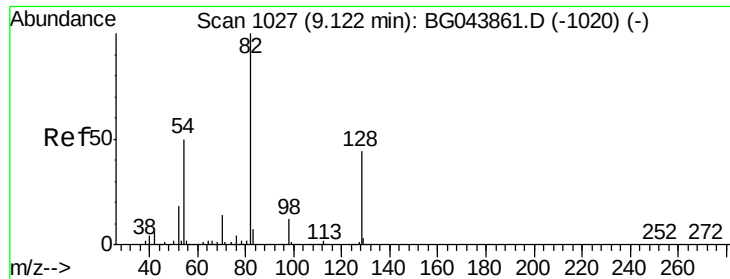
54 7.9 7.0 10.4

68 5.9 4.9 7.3



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

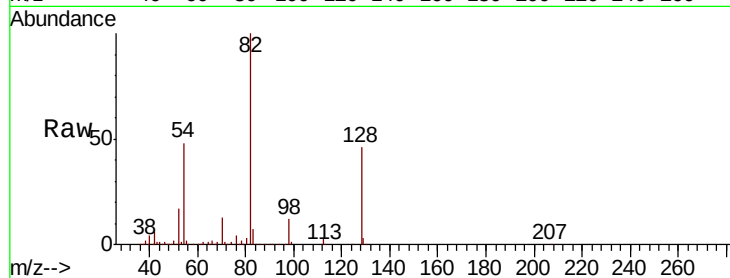




#23
Nitrobenzene-d5
Concen: 43.783 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG043993.D
Acq: 9 Jan 2020 9:05

Instrument :
BNA_G
ClientSampleId :
FRONT-PIER-B

Tot Ion	82	Resp	391646
Ion Ratio	Lower	Upper	
82	100		
128	45.5	35.1	52.7
54	48.3	40.1	60.1

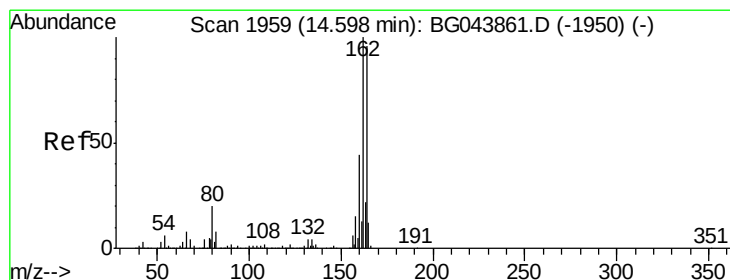
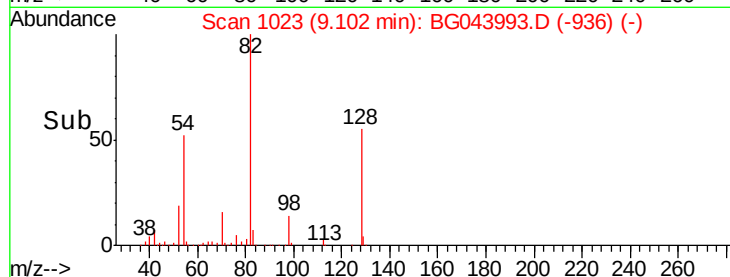
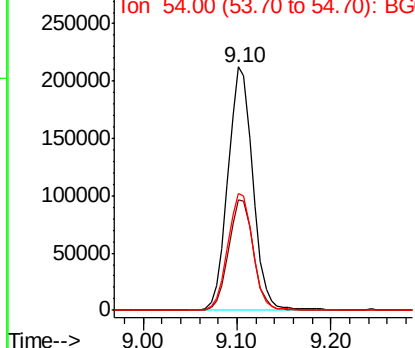


Abundance

Ion 82.00 (81.70 to 82.70): BGC

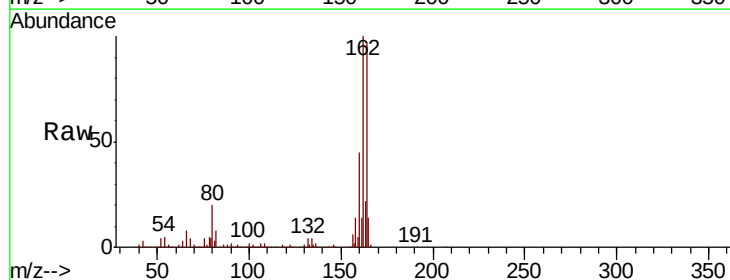
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG043993.D
Acq: 9 Jan 2020 9:05

Tgt Ion	164	Resp	313642
Ion Ratio	Lower	Upper	
164	100		
162	102.9	83.0	124.4
160	45.9	36.1	54.1

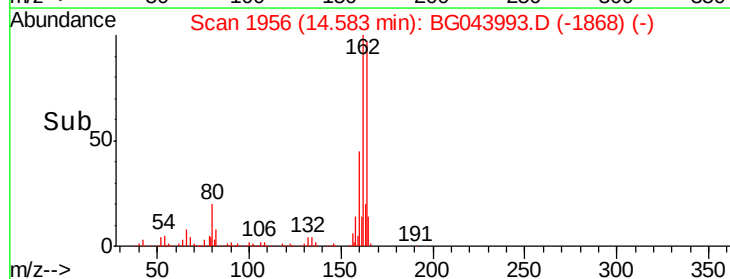
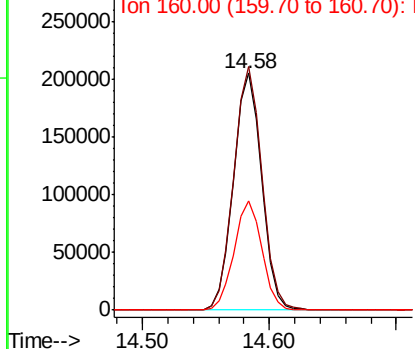


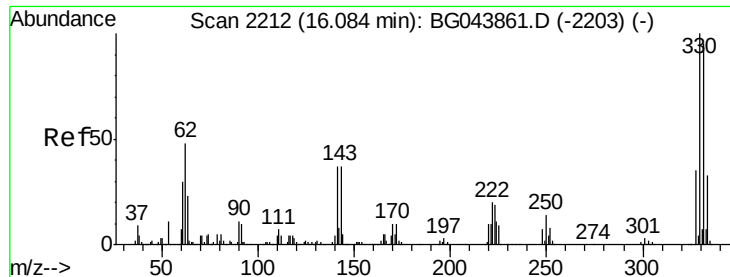
Abundance

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

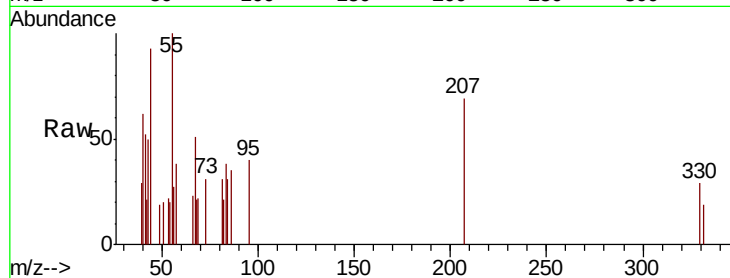




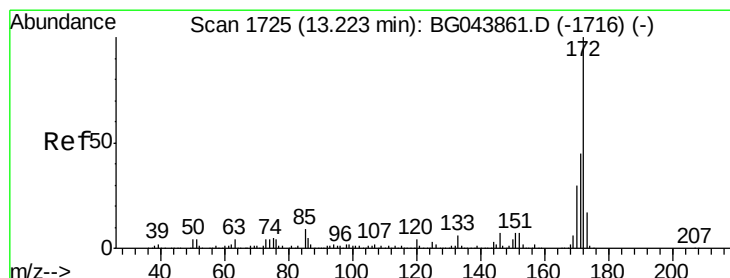
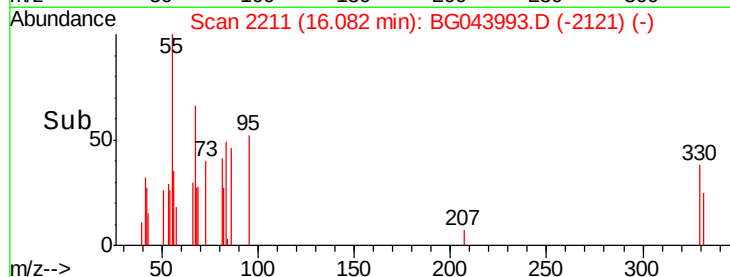
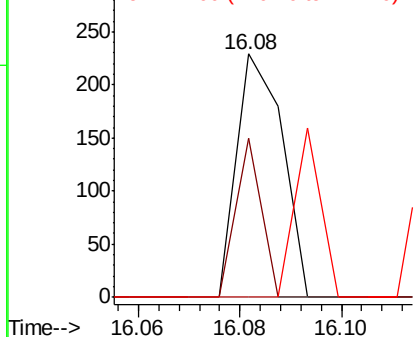
#42
 2,4,6-Tribromophenol
 Concen: 0.044 ng
 RT: 16.08 min Scan# 2211
 Delta R.T. -0.00 min
 Lab File: BG043993.D
 Acq: 9 Jan 2020 9:05

Instrument :
 BNA_G
 ClientSampleId :
 FRONT-PIER-B

Tot Ion:330 Resp: 144
 Ion Ratio Lower Upper
 330 100
 332 36.8 77.2 115.8#
 141 38.9 33.1 49.7

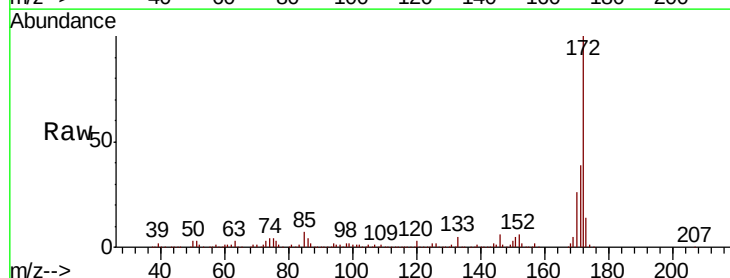


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

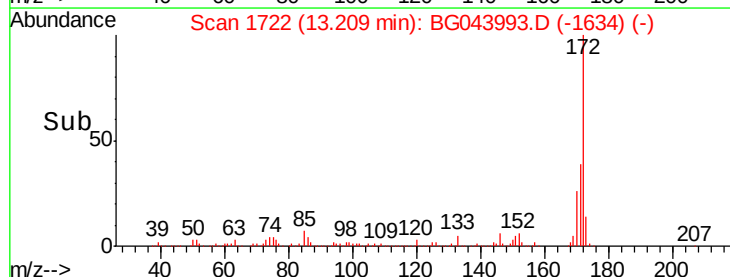
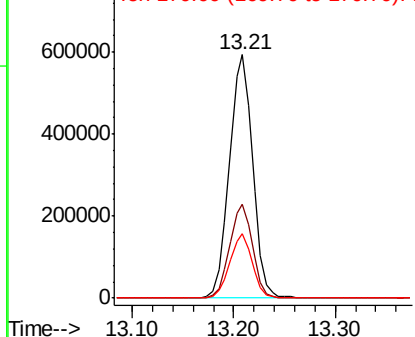


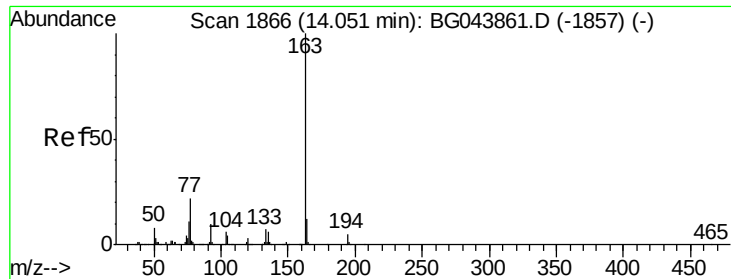
#45
 2-Fluorobiphenyl
 Concen: 54.495 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG043993.D
 Acq: 9 Jan 2020 9:05

Tgt Ion:172 Resp: 943388
 Ion Ratio Lower Upper
 172 100
 171 38.7 35.8 53.8
 170 26.4 24.2 36.4



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

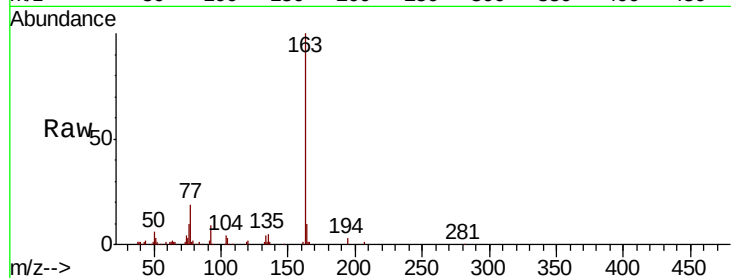




#50
Dimethylphthalate
Concen: 3.280 ng
RT: 14.04 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BG043993.D
Acq: 9 Jan 2020 9:05

Instrument :
BNA_G
ClientSampleId :
FRONT-PIER-B

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.7	5.5#
164	10.5	9.3	13.9

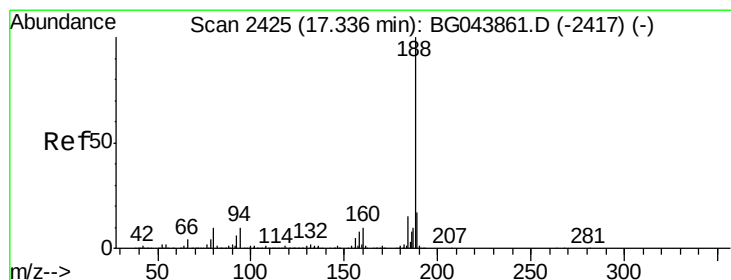
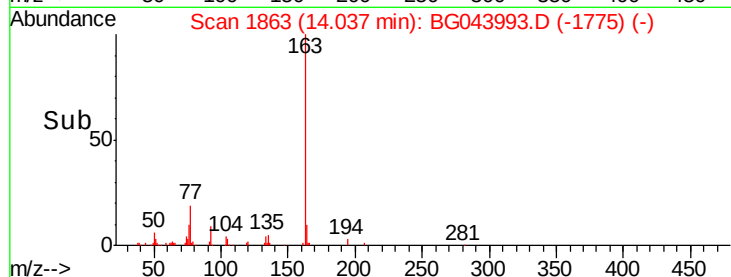
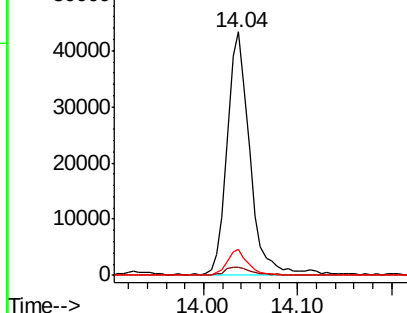


Abundance

Ion 163.00 (162.70 to 163.70): E

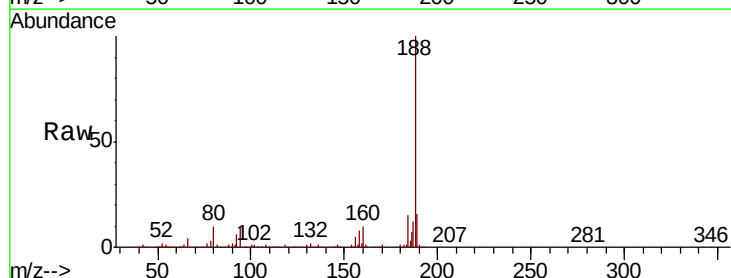
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG043993.D
Acq: 9 Jan 2020 9:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.9	11.9
80	10.1	8.2	12.4

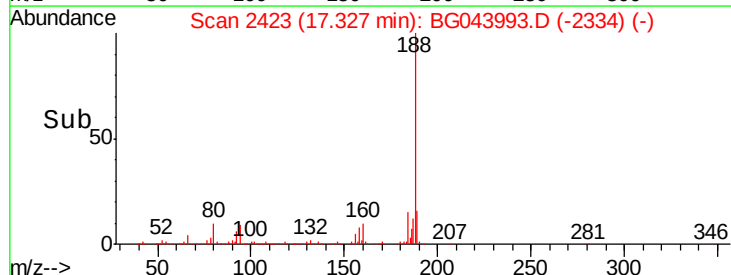
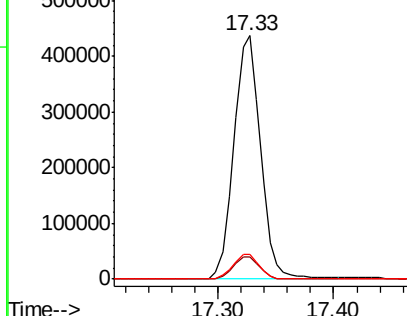


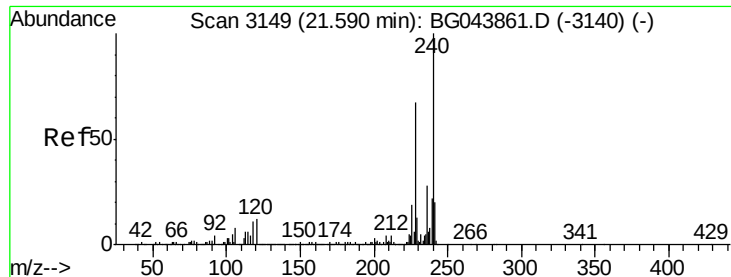
Abundance

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

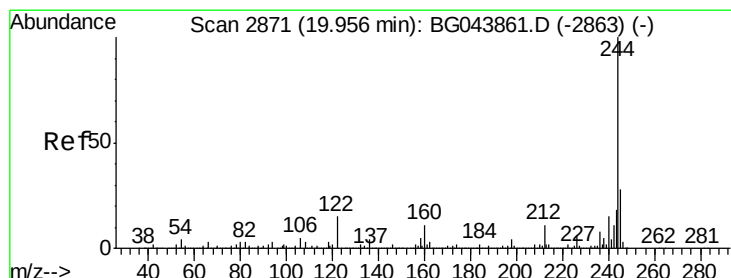
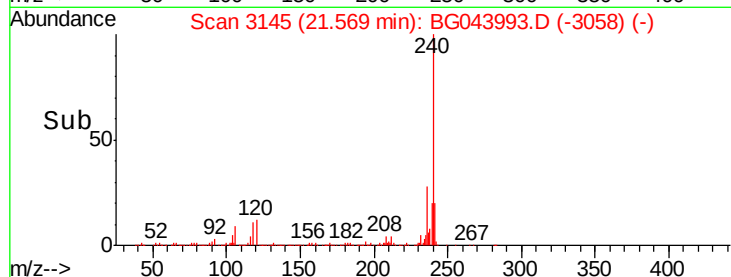
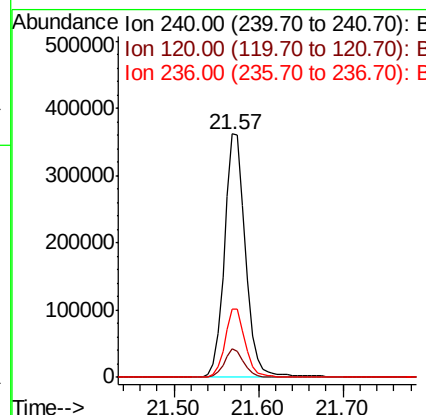
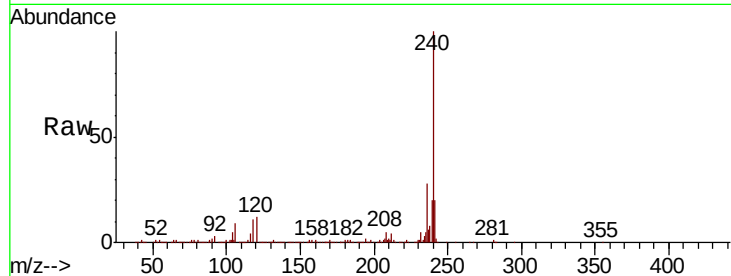




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG043993.D
Acq: 9 Jan 2020 9:05

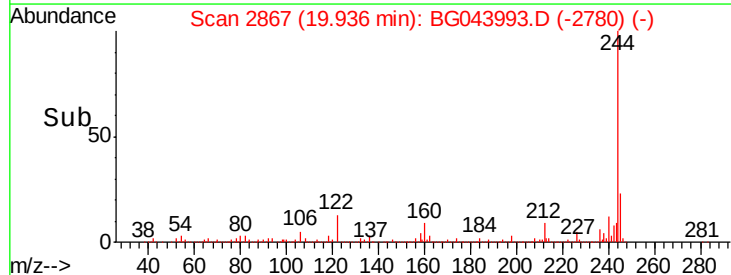
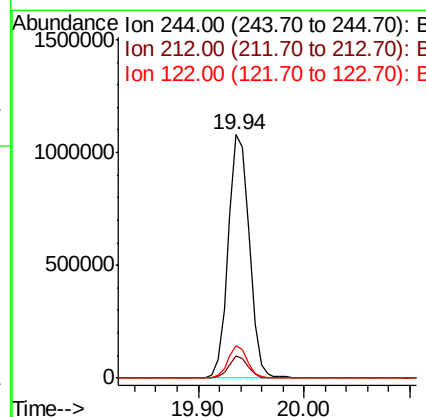
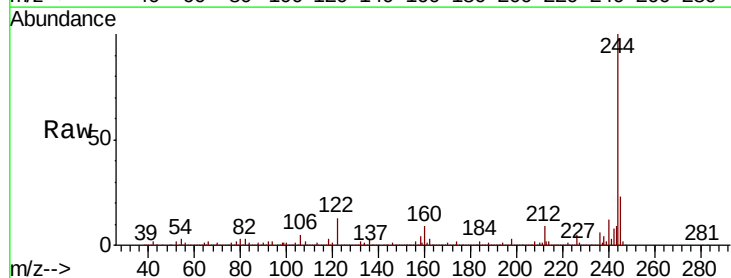
Instrument :
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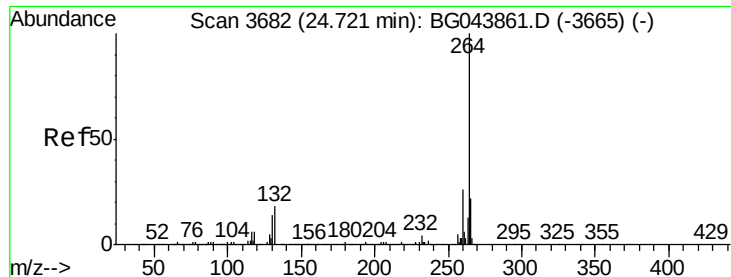
Tot Ion:240 Resp: 628701
Ion Ratio Lower Upper
240 100
120 11.9 9.6 14.4
236 28.1 22.2 33.2



#79
Terphenyl-d14
Concen: 50.491 ng
RT: 19.94 min Scan# 2867
Delta R.T. -0.02 min
Lab File: BG043993.D
Acq: 9 Jan 2020 9:05

Tgt Ion:244 Resp: 1494360
Ion Ratio Lower Upper
244 100
212 8.9 8.6 13.0
122 13.2 11.9 17.9





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.69 min Scan# 3676
Delta R.T. -0.03 min
Lab File: BG043993.D
Acq: 9 Jan 2020 9:05

Instrument :
BNA_G
ClientSampleId :
FRONT-PIER-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.4	30.6
265	22.2	17.4	26.2

