

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043905.D
 Acq On : 4 Jan 2020 2:27
 Operator : JU
 Sample : K6449-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OW-4

Quant Time: Jan 04 06:05:46 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

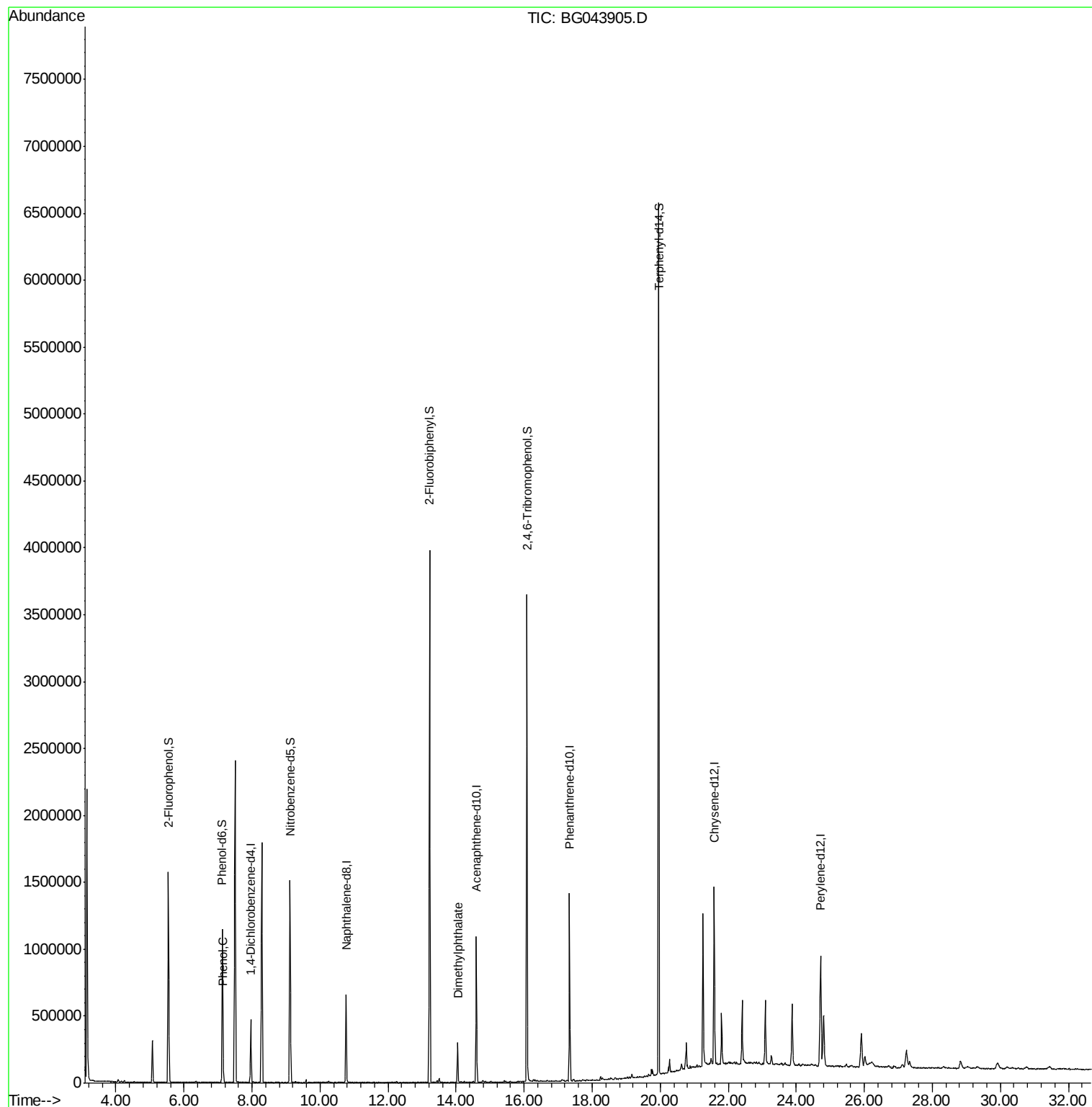
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	133975	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	584349	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	393584	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	875200	20.00	ng	0.00
76) Chrysene-d12	21.59	240	725786	20.00	ng	0.00
87) Perylene-d12	24.71	264	812801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	717302	98.31	ng	0.00
7) Phenol-d6	7.13	99	693769	68.02	ng	0.00
23) Nitrobenzene-d5	9.12	82	950110	86.98	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	634207	153.98	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2000212	92.07	ng	0.00
79) Terphenyl-d14	19.95	244	2802894	96.37	ng	0.00
Target Compounds						
10) Phenol	7.15	94	29783	2.834	ng	91
50) Dimethylphthalate	14.05	163	200477	7.174	ng	98

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

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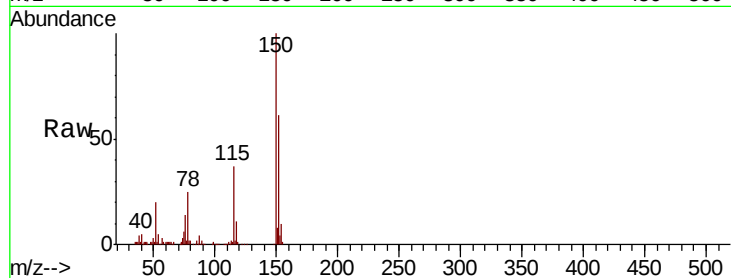


#1

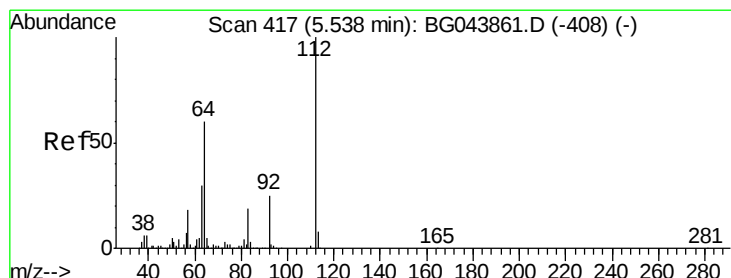
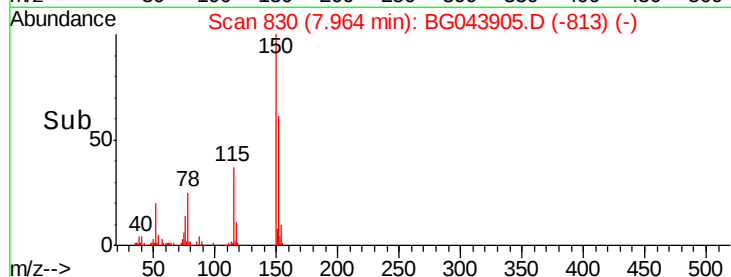
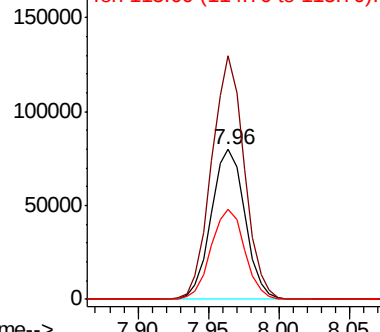
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043905.D
Acq: 4 Jan 2020 2:27

Instrument :
BNA_G
ClientSampleId :
OW-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.6	127.0	190.4
115	60.4	47.8	71.8



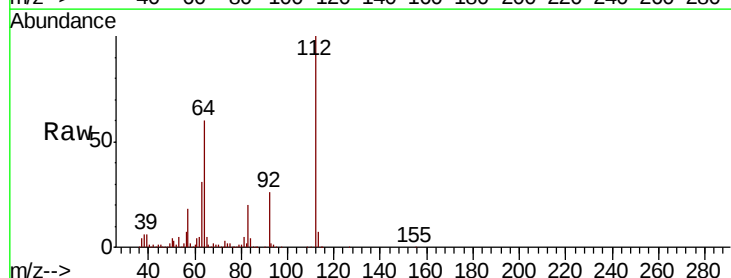
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



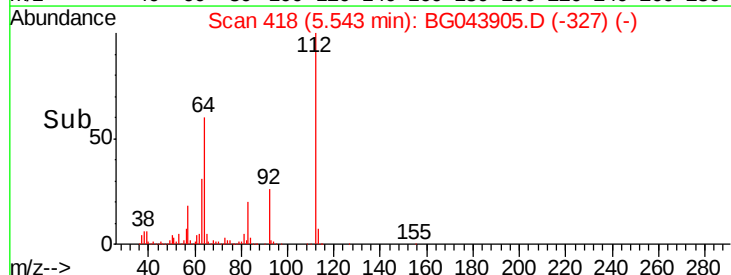
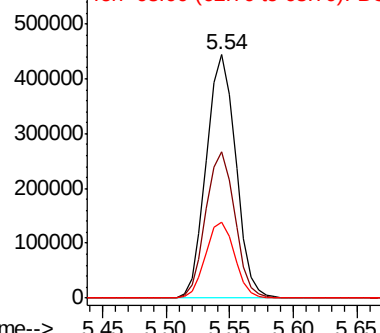
#5

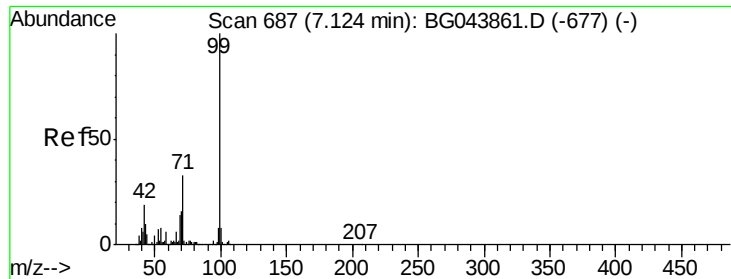
2-Fluorophenol
Concen: 98.306 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.01 min
Lab File: BG043905.D
Acq: 4 Jan 2020 2:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.8	71.6
63	31.3	24.3	36.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 68.021 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043905.D

Acq: 4 Jan 2020 2:27

Instrument :

BNA_G

ClientSampled :

OW-4

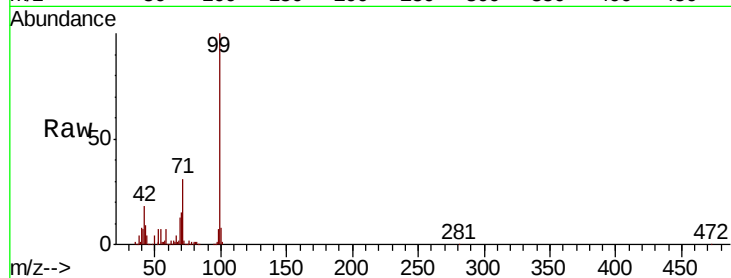
Tot Ion: 99 Resp: 693769

Ion Ratio Lower Upper

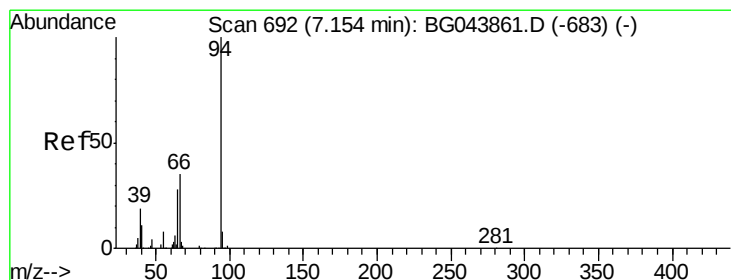
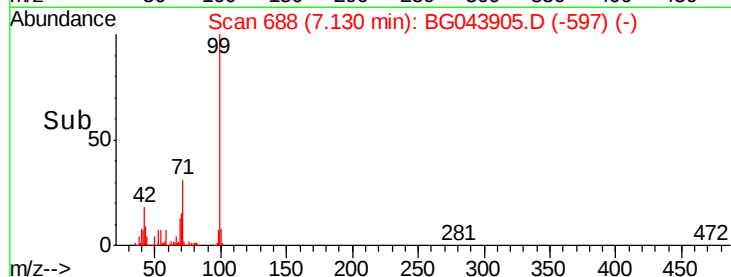
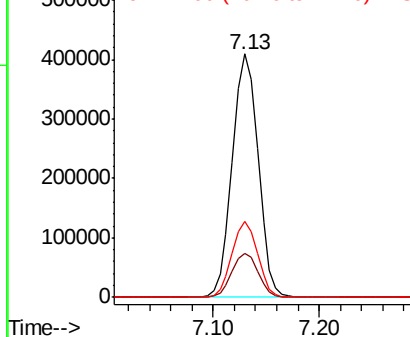
99 100

42 18.2 14.9 22.3

71 31.4 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



#10

Phenol

Concen: 2.834 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG043905.D

Acq: 4 Jan 2020 2:27

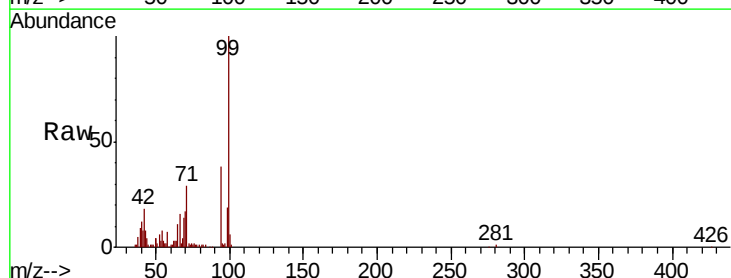
Tgt Ion: 94 Resp: 29783

Ion Ratio Lower Upper

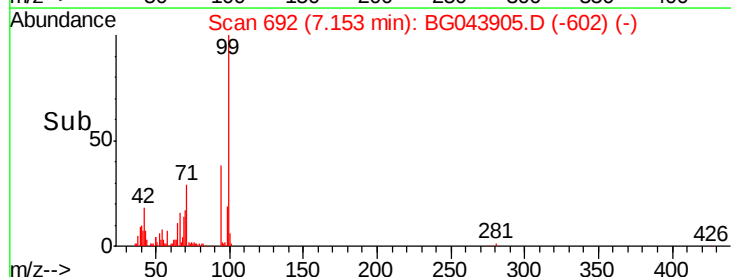
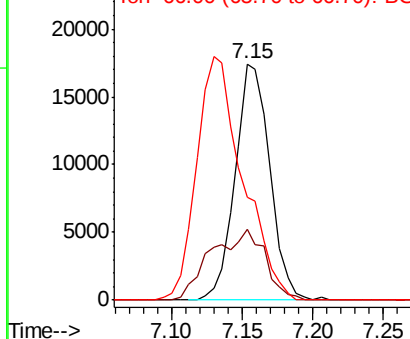
94 100

65 30.0 8.1 48.1

66 43.6 15.6 55.6



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

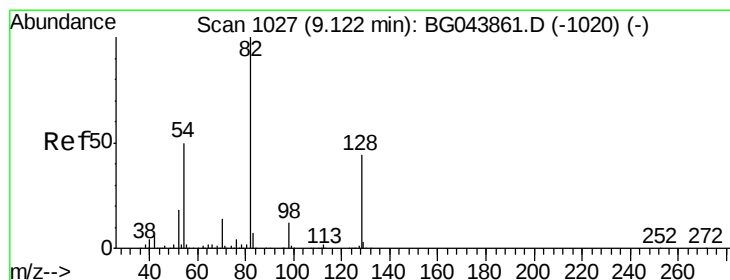
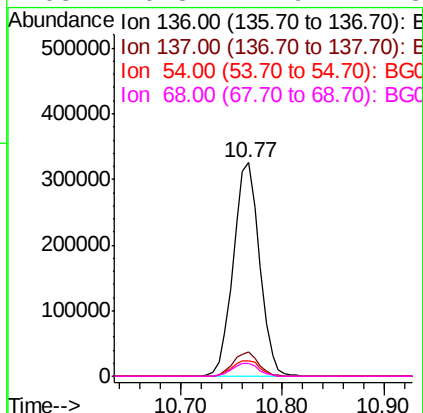
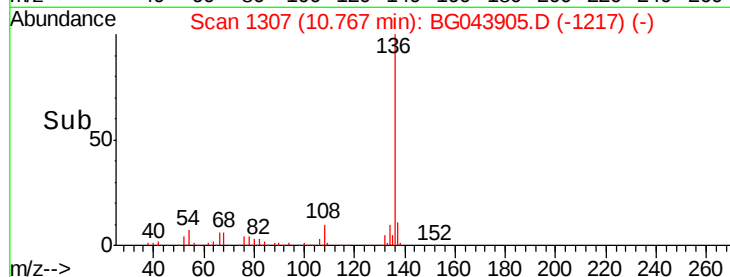
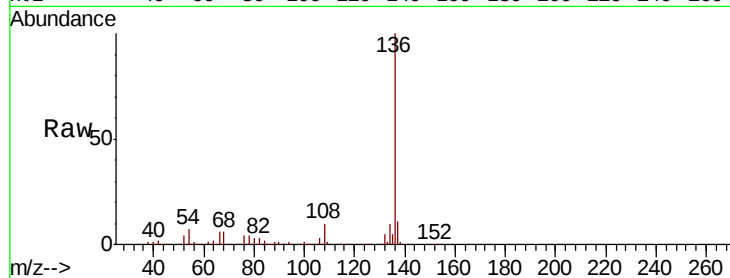




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG043905.D
Acq: 4 Jan 2020 2:27

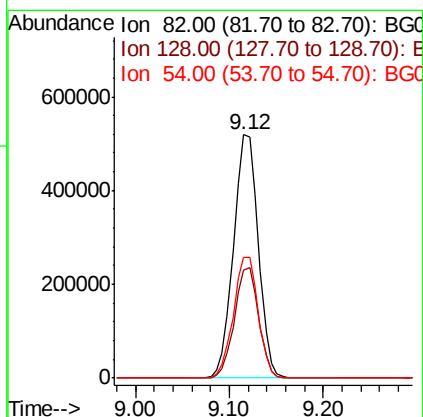
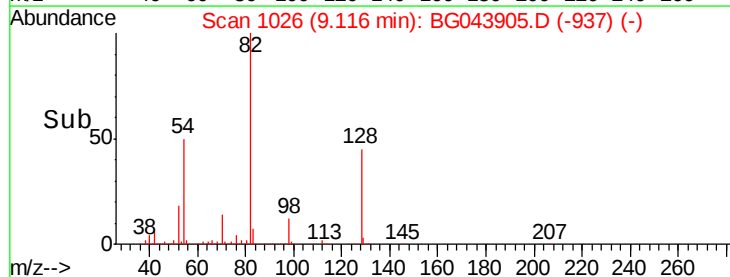
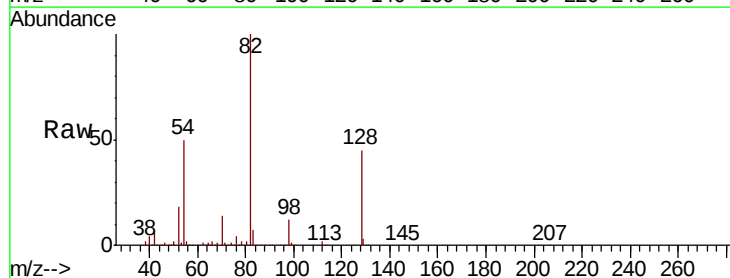
Instrument :
BNA_G
ClientSampled :
OW-4

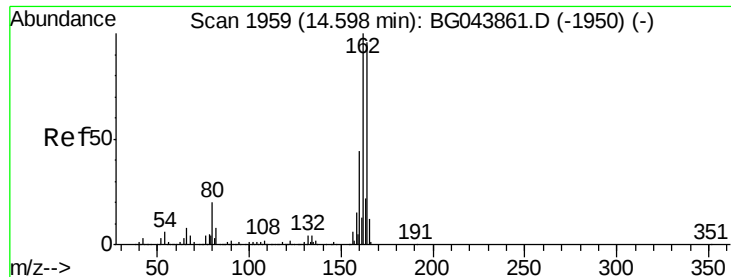
Tot Ion:136	Resp:	584349
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.8 13.2
54	7.5	7.0 10.4
68	6.3	4.9 7.3



#23
Nitrobenzene-d5
Concen: 86.981 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG043905.D
Acq: 4 Jan 2020 2:27

Tgt Ion: 82	Resp:	950110
Ion Ratio	Lower	Upper
82	100	
128	44.6	35.1 52.7
54	49.6	40.1 60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG043905.D

Acq: 4 Jan 2020 2:27

Instrument :

BNA_G

ClientSampleId :

OW-4

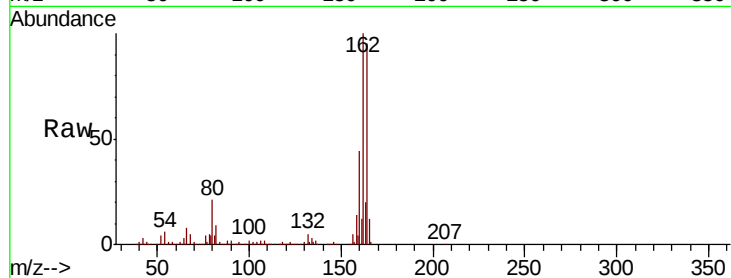
Tot Ion:164 Resp: 393584

Ion Ratio Lower Upper

164 100

162 105.4 83.0 124.4

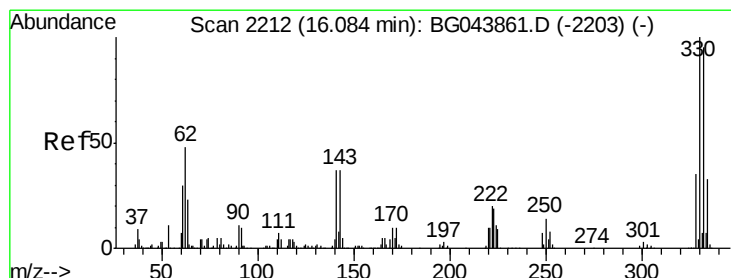
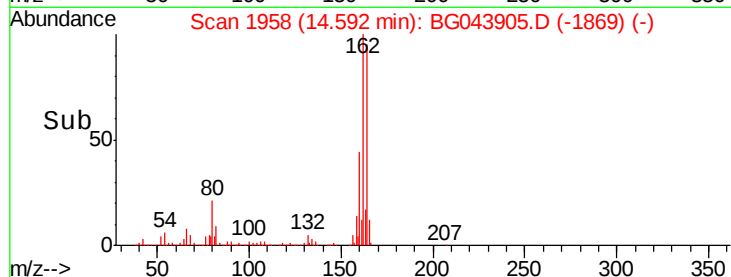
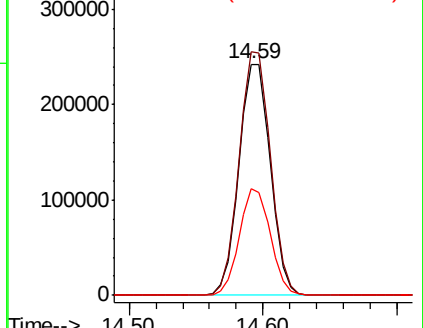
160 46.4 36.1 54.1



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: 153.979 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BG043905.D

Acq: 4 Jan 2020 2:27

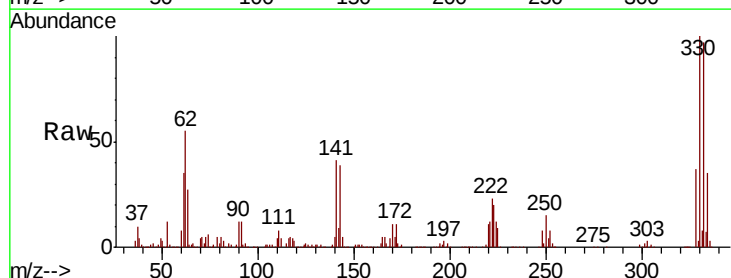
Tgt Ion:330 Resp: 634207

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

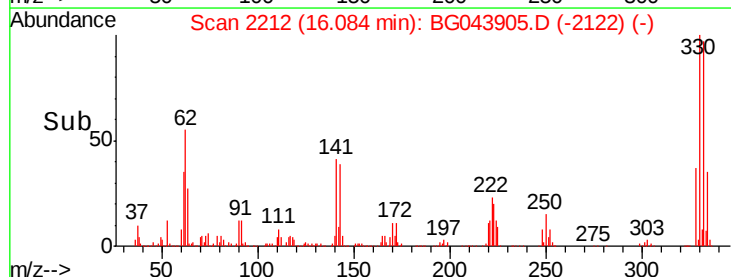
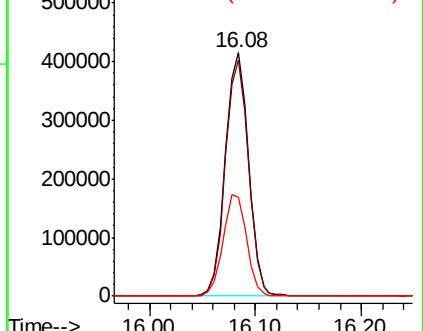
141 42.3 33.1 49.7



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

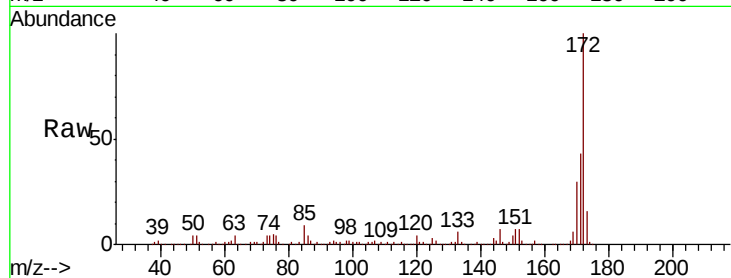




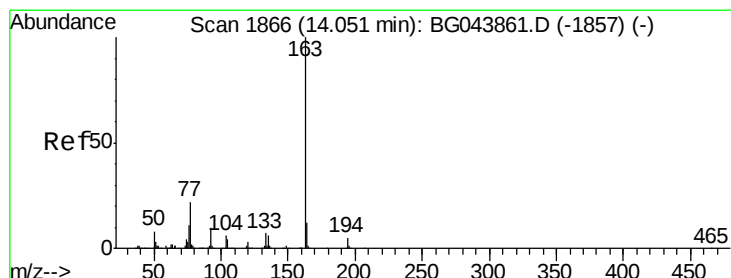
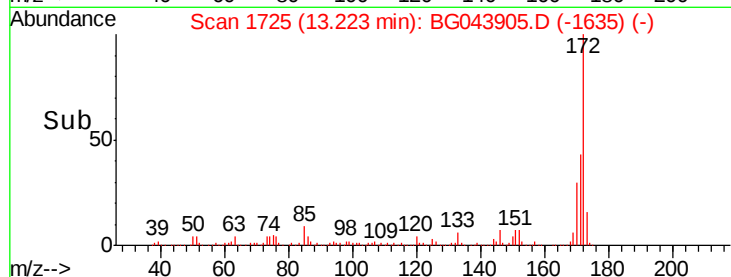
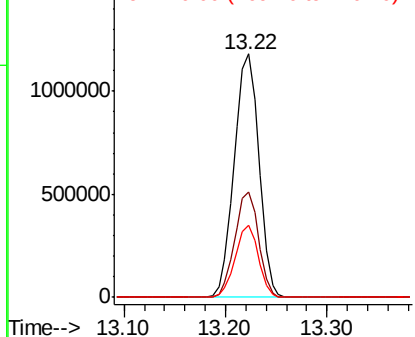
#45
2-Fluorobiphenyl
Concen: 92.075 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG043905.D
Acq: 4 Jan 2020 2:27

Instrument :
BNA_G
ClientSampleId :
OW-4

Tot Ion:172 Resp: 2000212
Ion Ratio Lower Upper
172 100
171 43.3 35.8 53.8
170 29.7 24.2 36.4

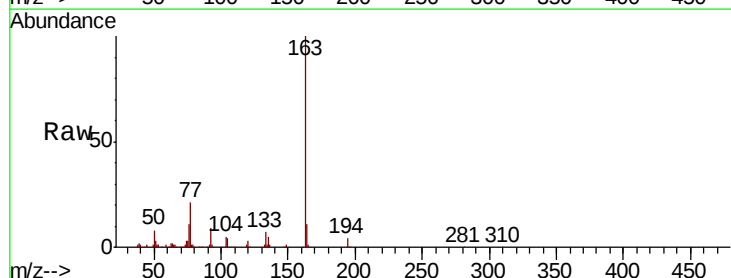


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

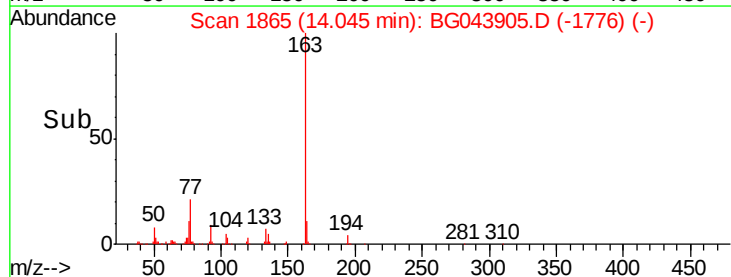
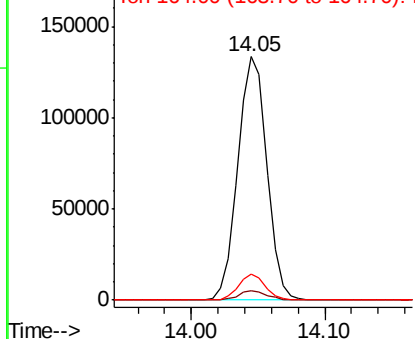


#50
Dimethylphthalate
Concen: 7.174 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG043905.D
Acq: 4 Jan 2020 2:27

Tgt Ion:163 Resp: 200477
Ion Ratio Lower Upper
163 100
194 4.0 3.7 5.5
164 10.9 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

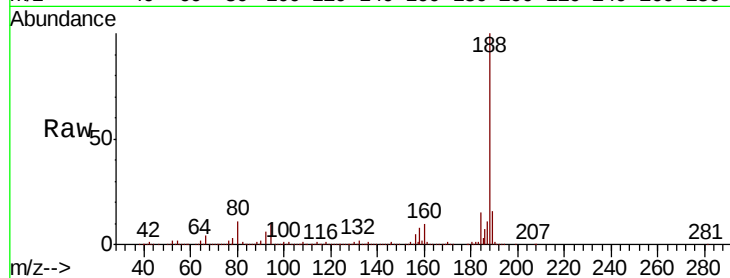




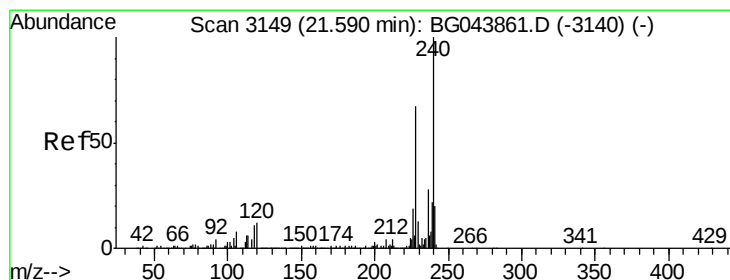
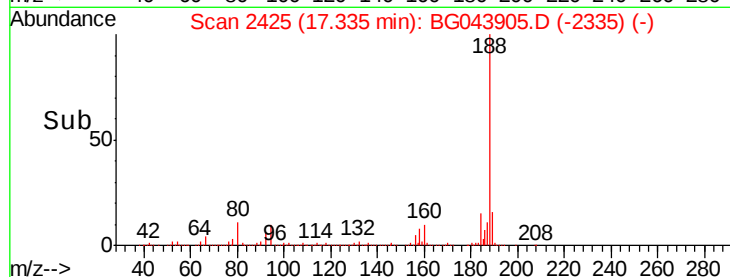
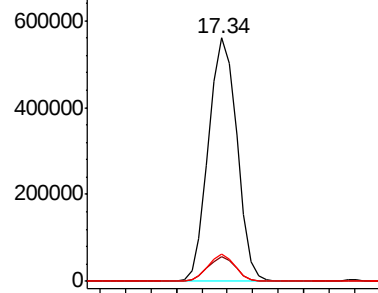
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG043905.D
Acq: 4 Jan 2020 2:27

Instrument :
BNA_G
ClientSampleId :
OW-4

Tot Ion:188 Resp: 875200
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 11.3 8.2 12.4

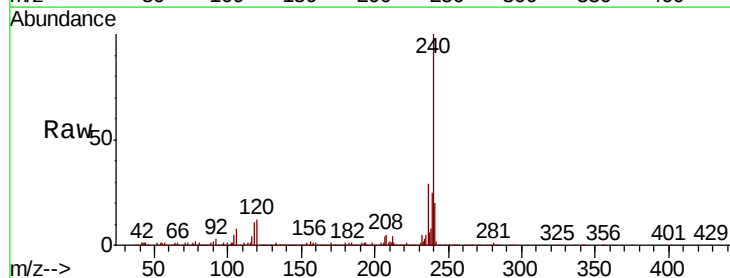


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

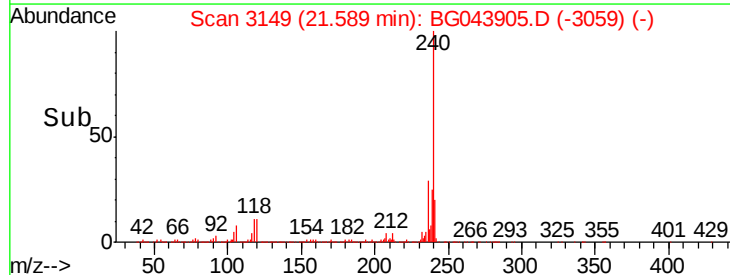
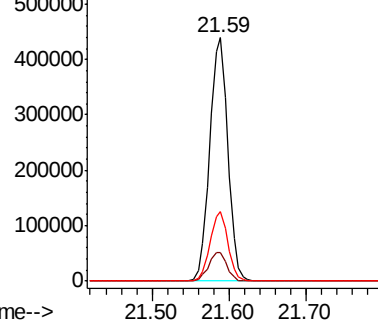


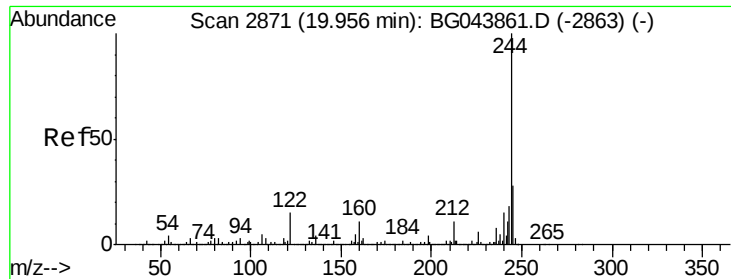
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BG043905.D
Acq: 4 Jan 2020 2:27

Tgt Ion:240 Resp: 725786
Ion Ratio Lower Upper
240 100
120 11.6 9.6 14.4
236 28.7 22.2 33.2



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

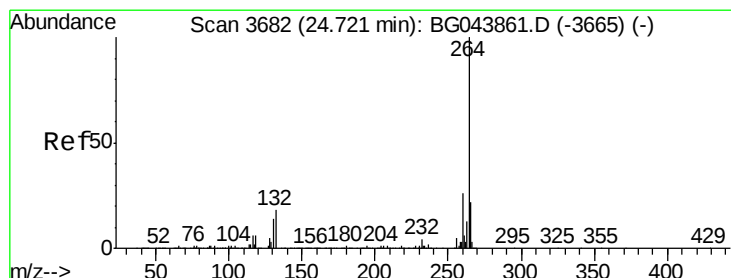
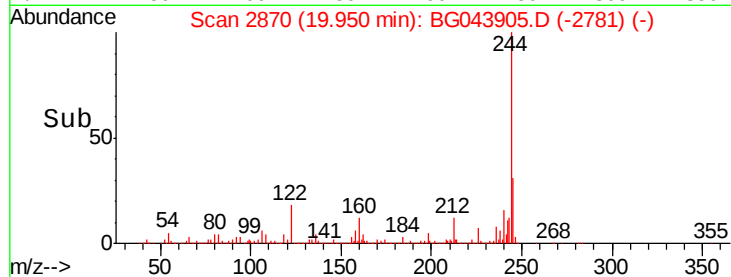
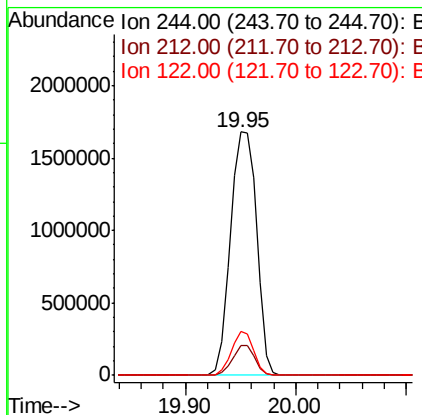
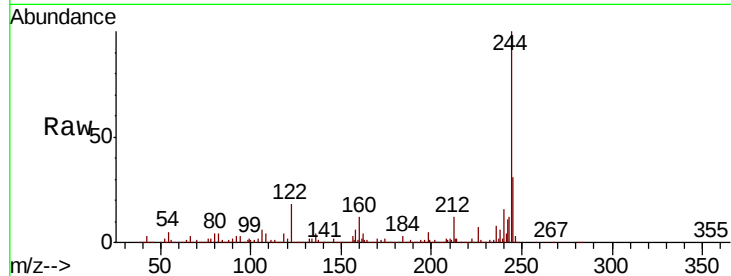




#79
 Terphenyl-d14
 Concen: 96.372 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.01 min
 Lab File: BG043905.D
 Acq: 4 Jan 2020 2:27

Instrument :
 BNA_G
 ClientSampleId :
 OW-4

Tot Ion:244 Resp: 2802894
 Ion Ratio Lower Upper
 244 100
 212 12.3 8.6 13.0
 122 17.8 11.9 17.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.71 min Scan# 3681
 Delta R.T. -0.01 min
 Lab File: BG043905.D
 Acq: 4 Jan 2020 2:27

Tgt Ion:264 Resp: 812801
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.4 30.6
 265 22.8 17.4 26.2

