

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045056.D
 Acq On : 18 Apr 2020 7:46
 Operator : CG/JU
 Sample : L2283-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-2020-04-14

Quant Time: Apr 18 08:30:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

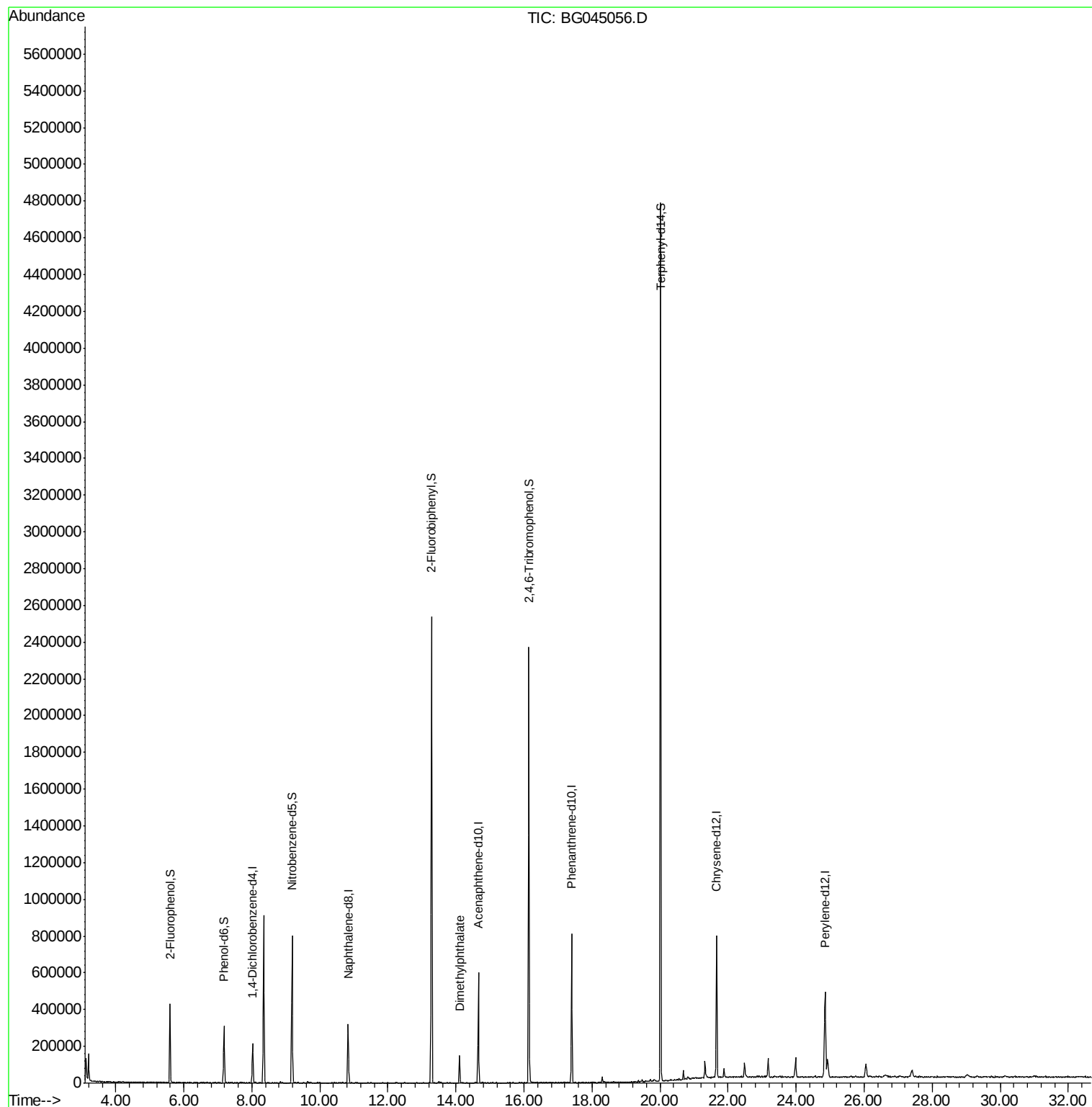
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	66060	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	280997	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	223868	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	532724	20.00	ng	0.00
76) Chrysene-d12	21.66	240	501092	20.00	ng	0.00
87) Perylene-d12	24.85	264	538361	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	208130	52.02	ng	0.00
7) Phenol-d6	7.18	99	197732	33.26	ng	0.00
23) Nitrobenzene-d5	9.18	82	555836	90.26	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	483243	139.73	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1367806	89.59	ng	0.00
79) Terphenyl-d14	20.02	244	2294928	99.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	100464	5.511	ng	98

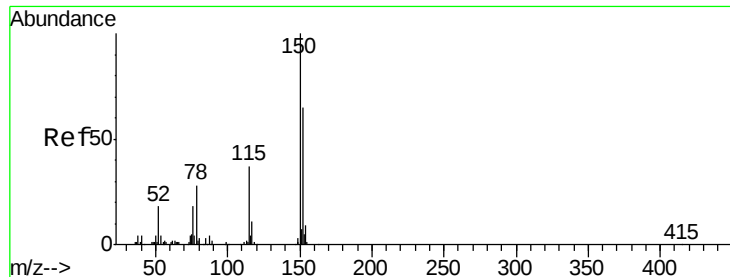
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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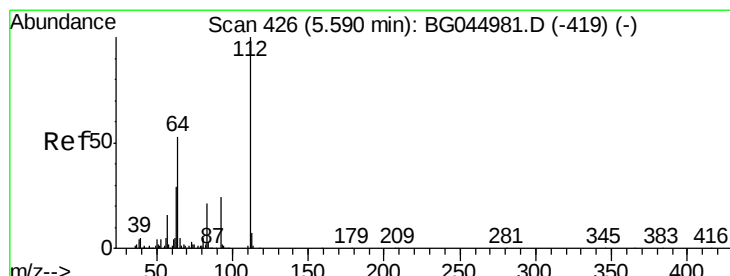
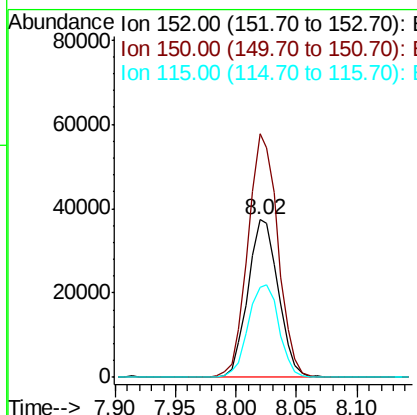
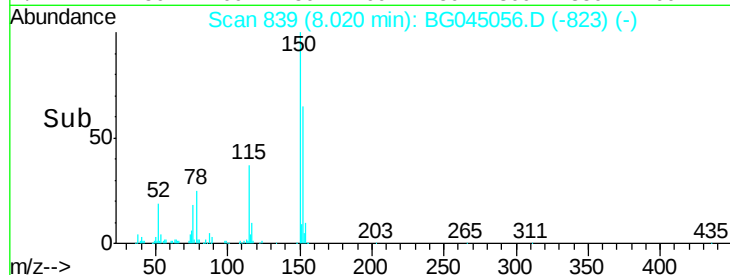
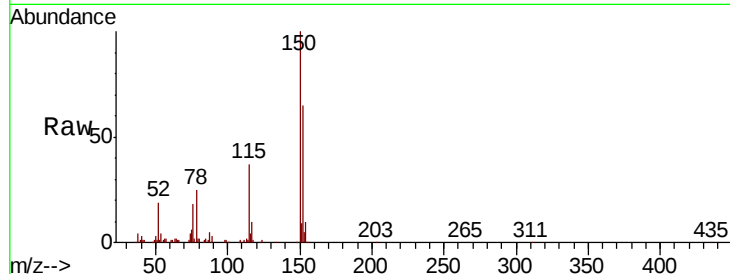




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BG045056.D
 Acq: 18 Apr 2020 7:46

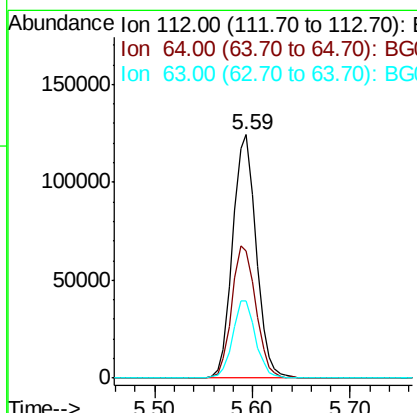
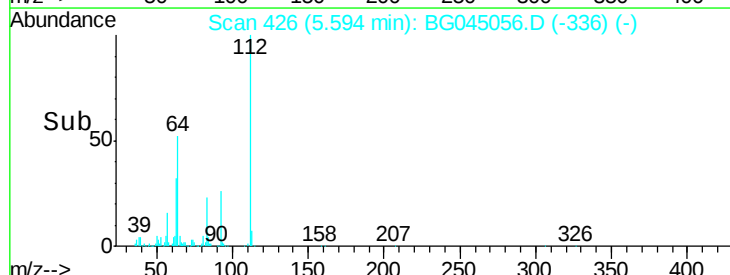
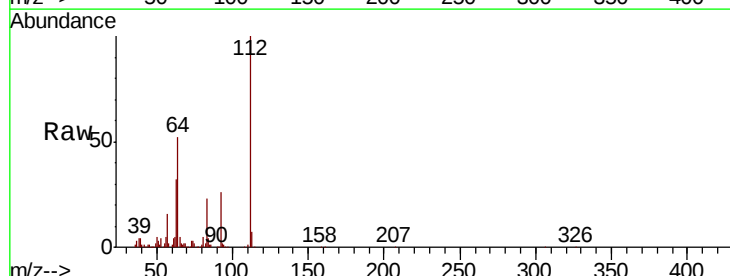
Instrument :
 BNA_G
 ClientSampleId :
 FB-2020-04-14

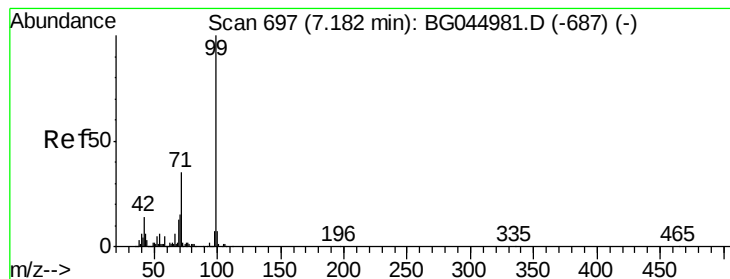
Tot Ion:	152	Resp:	66060
Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.6	185.4
115	57.5	49.1	73.7



#5
 2-Fluorophenol
 Concen: 52.015 ng
 RT: 5.59 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BG045056.D
 Acq: 18 Apr 2020 7:46

Tgt Ion:	112	Resp:	208130
Ion	Ratio	Lower	Upper
112	100		
64	52.0	42.4	63.6
63	31.5	23.1	34.7





#7

Phenol-d6

Concen: 33.260 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG045056.D

Acq: 18 Apr 2020 7:46

Instrument :

BNA_G

ClientSampleId :

FB-2020-04-14

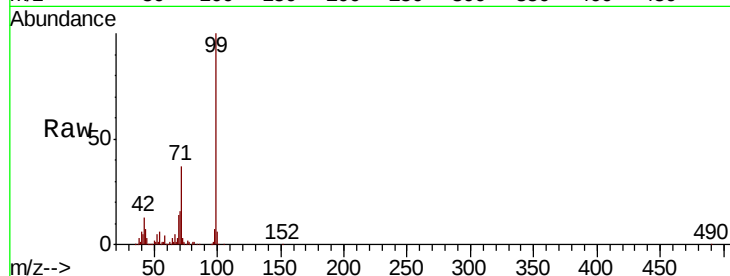
Tot Ion: 99 Resp: 197732

Ion Ratio Lower Upper

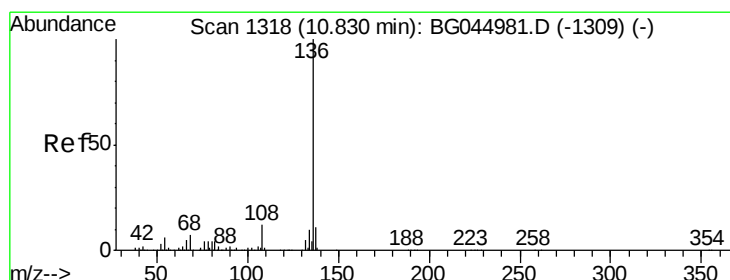
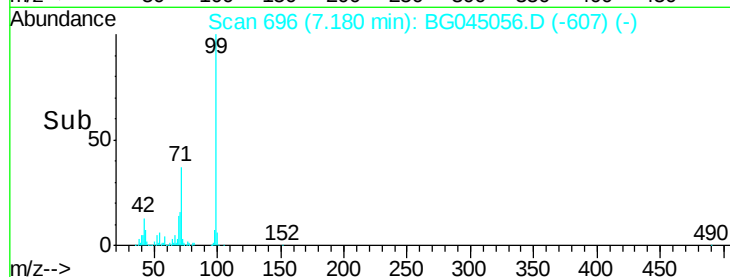
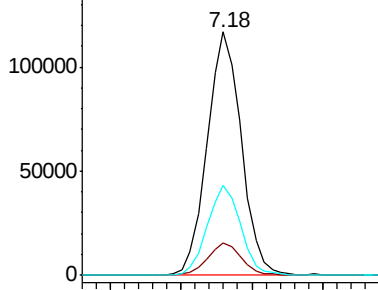
99 100

42 13.2 11.3 16.9

71 36.8 28.3 42.5



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: 10.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BG045056.D

Acq: 18 Apr 2020 7:46

Tgt Ion: 136 Resp: 280997

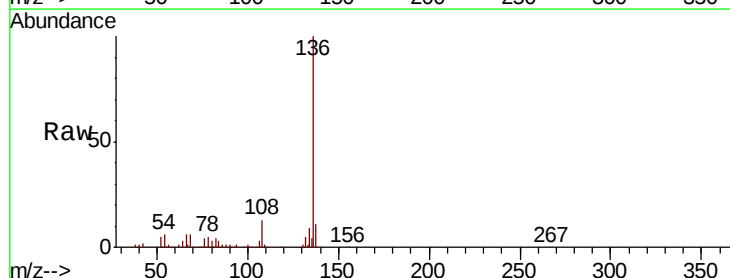
Ion Ratio Lower Upper

136 100

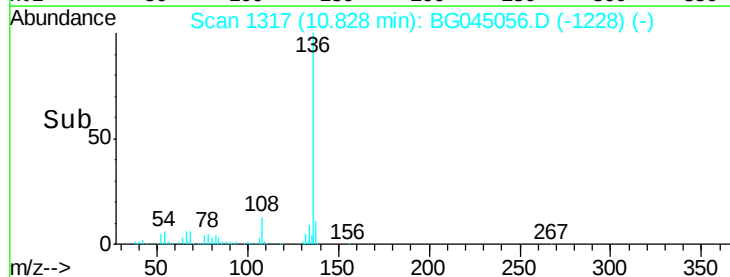
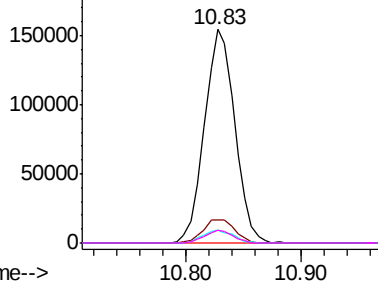
137 10.7 8.6 13.0

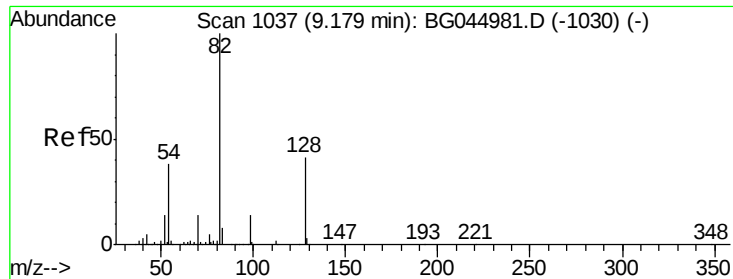
54 5.9 4.8 7.2

68 5.9 5.2 7.8



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

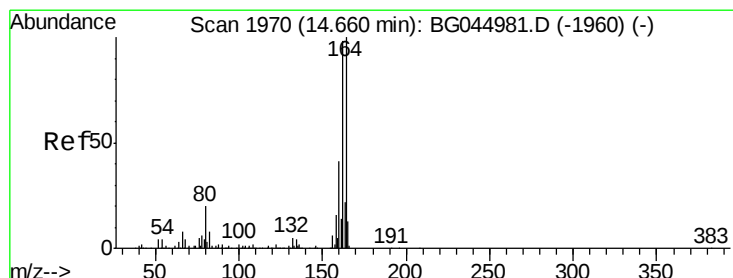
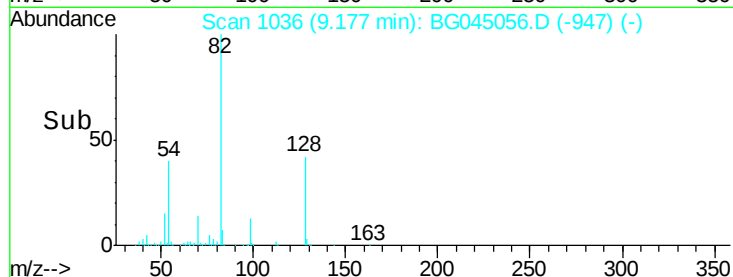
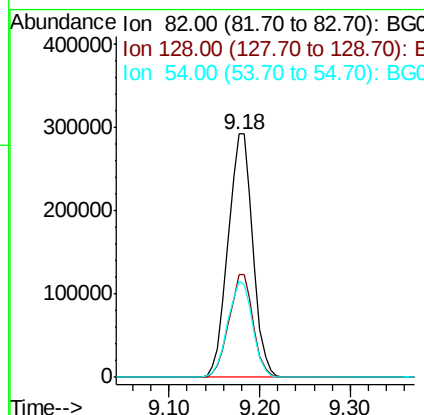
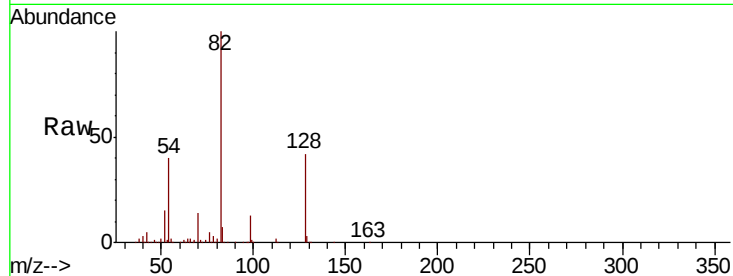




#23
Nitrobenzene-d5
Concen: 90.258 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG045056.D
Acq: 18 Apr 2020 7:46

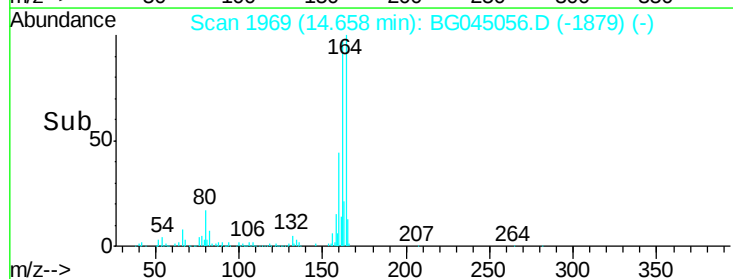
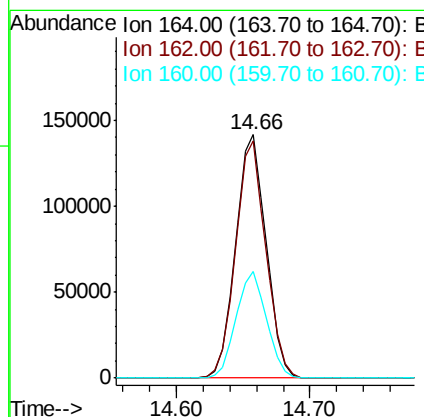
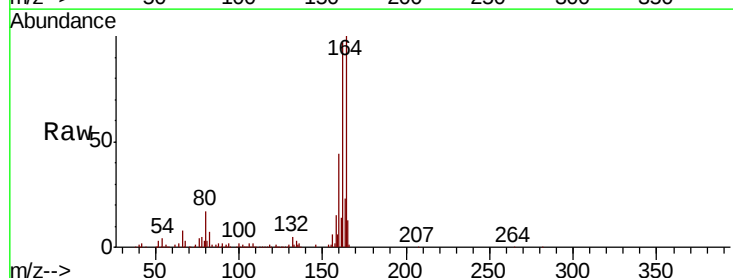
Instrument :
BNA_G
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FB-2020-04-14

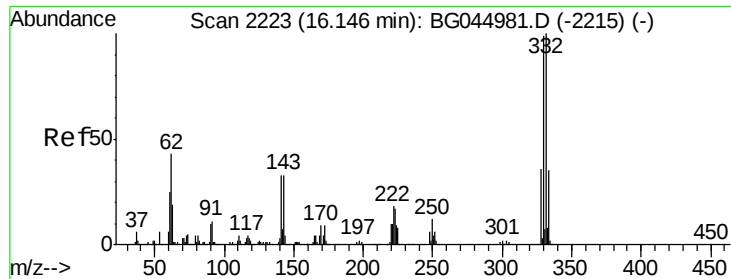
Tot Ion	82	Resp	555836
Ion Ratio	Lower	Upper	
82	100		
128	42.4	33.0	49.4
54	39.8	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG045056.D
Acq: 18 Apr 2020 7:46

Tgt Ion	164	Resp	223868
Ion Ratio	Lower	Upper	
164	100		
162	97.3	78.7	118.1
160	43.6	32.8	49.2

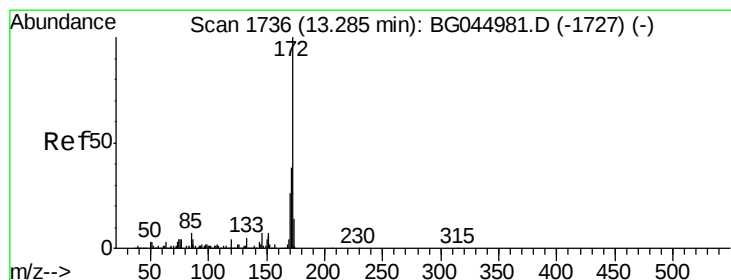
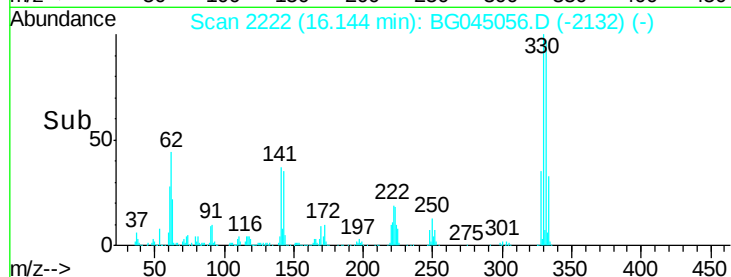
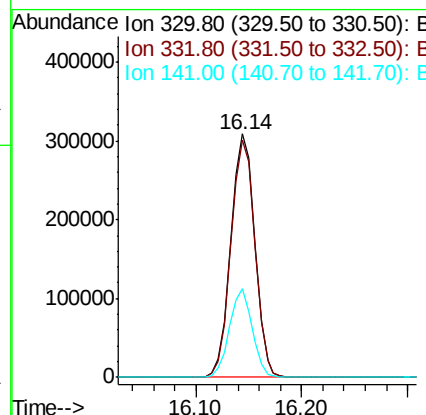
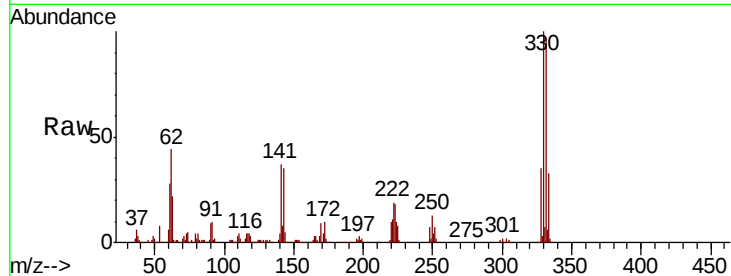




#42
 2,4,6-Tribromophenol
 Concen: 139.727 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BG045056.D
 Acq: 18 Apr 2020 7:46

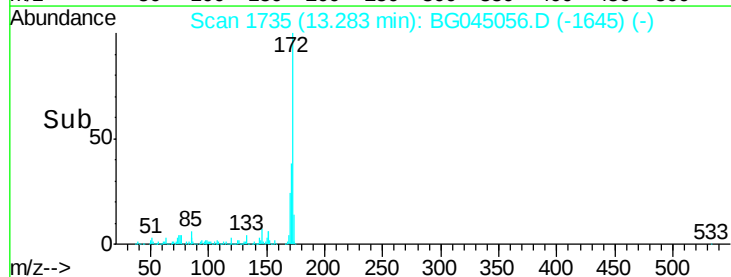
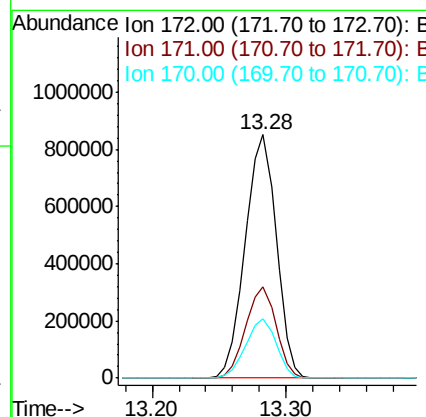
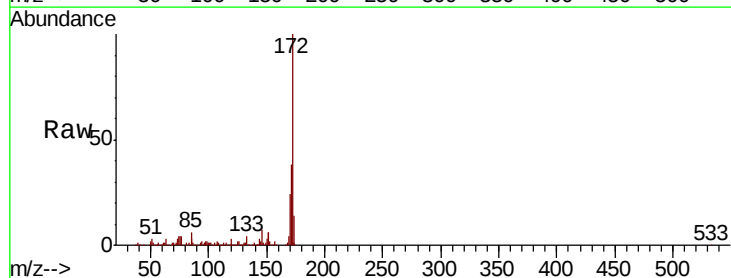
Instrument :
 BNA_G
 ClientSampleId :
 FB-2020-04-14

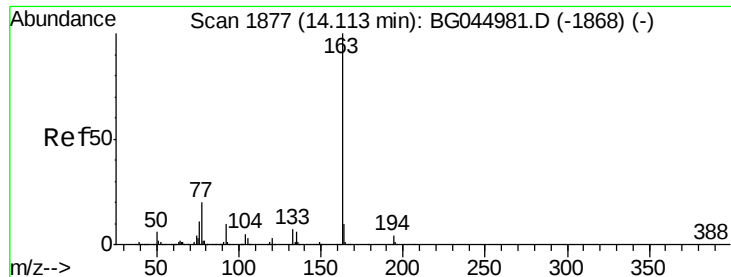
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.1	118.7
141	35.0	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 89.590 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG045056.D
 Acq: 18 Apr 2020 7:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.6	46.0
170	24.3	20.5	30.7

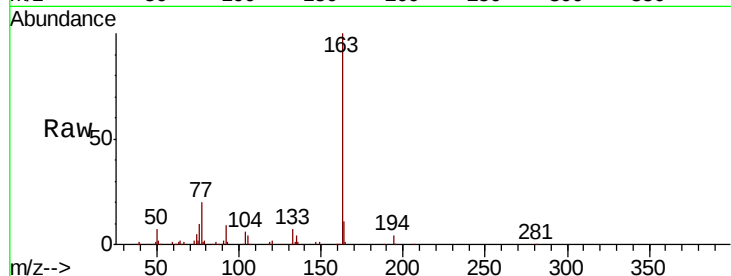




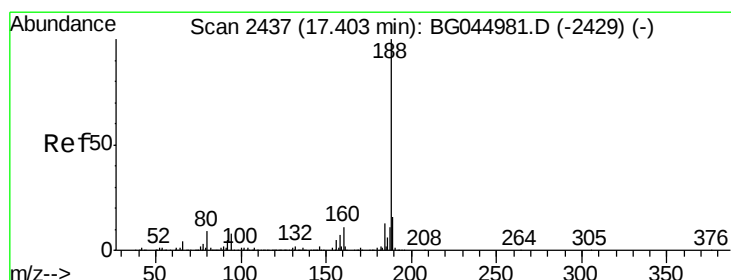
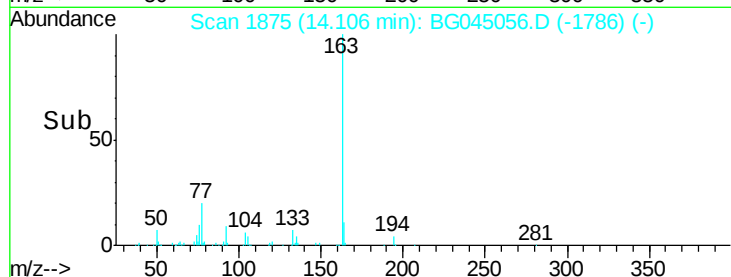
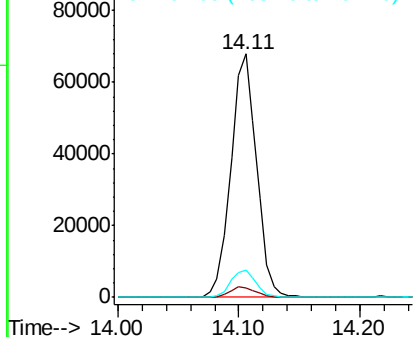
#50
Dimethylphthalate
Concen: 5.511 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG045056.D
Acq: 18 Apr 2020 7:46

Instrument :
BNA_G
ClientSampleId :
FB-2020-04-14

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	11.2	8.2	12.4

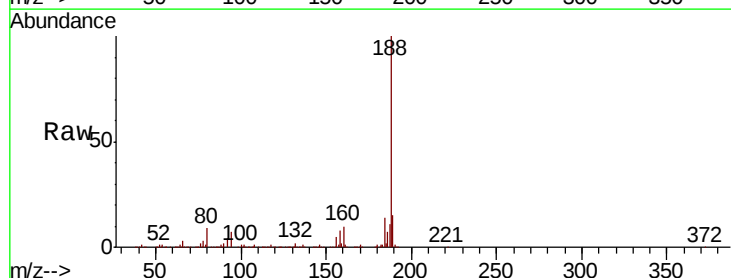


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

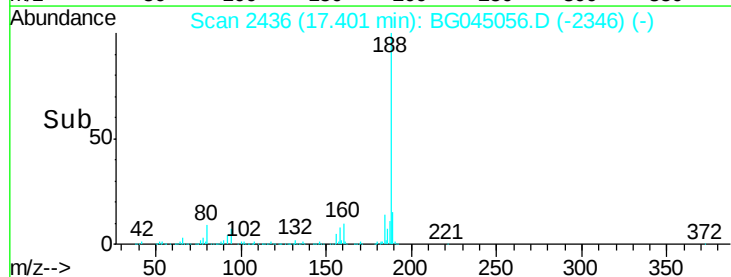
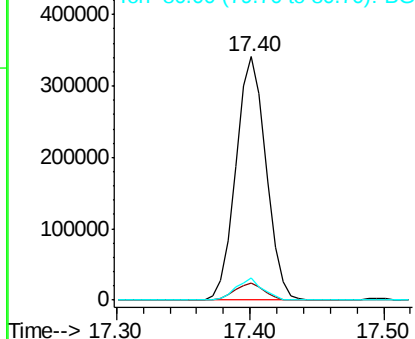


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BG045056.D
Acq: 18 Apr 2020 7:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.2	9.4
80	8.9	7.0	10.6



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

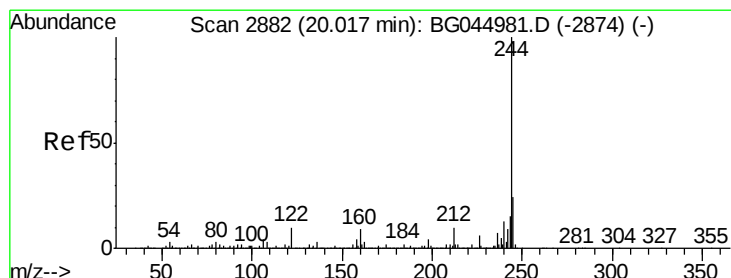
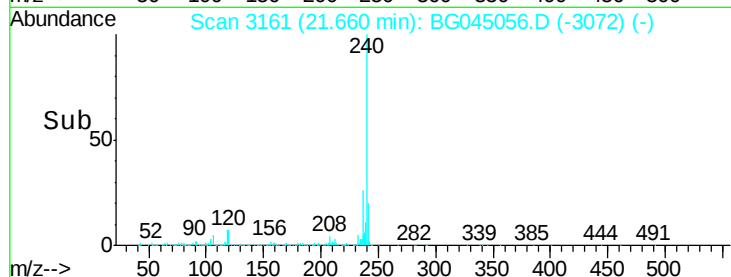
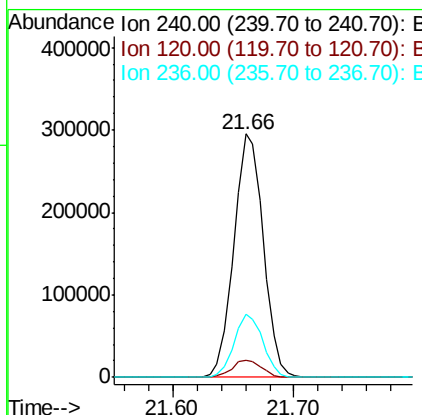
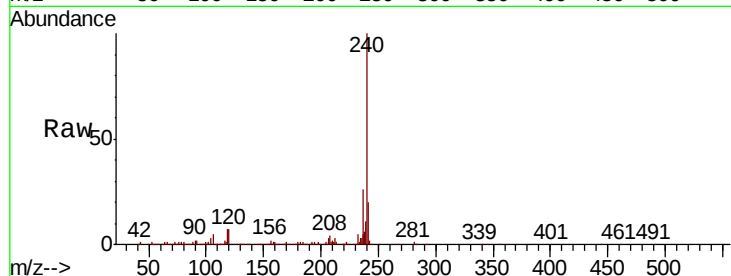




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG045056.D
Acq: 18 Apr 2020 7:46

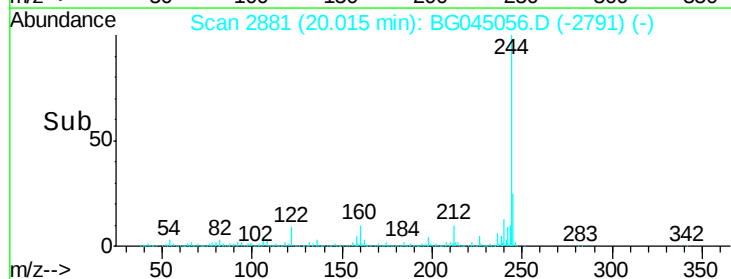
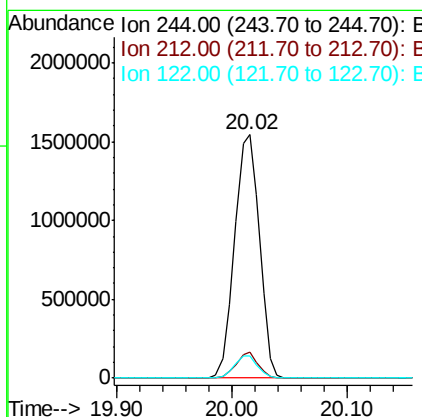
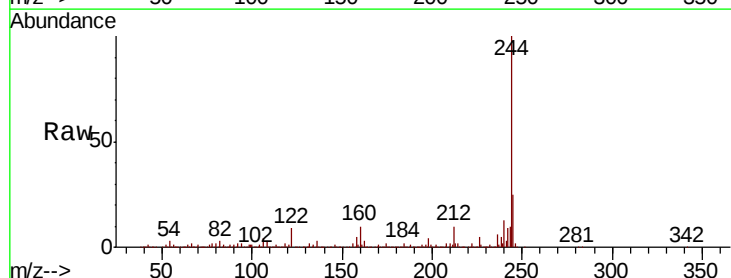
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Tot Ion:240 Resp: 501092
Ion Ratio Lower Upper
240 100
120 6.8 6.6 10.0
236 25.8 22.2 33.2



#79
Terphenyl-d14
Concen: 99.821 ng
RT: 20.02 min Scan# 2881
Delta R.T. 0.00 min
Lab File: BG045056.D
Acq: 18 Apr 2020 7:46

Tgt Ion:244 Resp: 2294928
Ion Ratio Lower Upper
244 100
212 10.5 7.9 11.9
122 9.1 7.7 11.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG045056.D
Acq: 18 Apr 2020 7:46

Instrument :
BNA_G
ClientSampleId :
FB-2020-04-14

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.2	19.0	28.4

