

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
 Data File : BG044199.D
 Acq On : 25 Jan 2020 3:08
 Operator : CG/JU
 Sample : L1007-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-012320-A

Quant Time: Jan 27 04:16:47 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

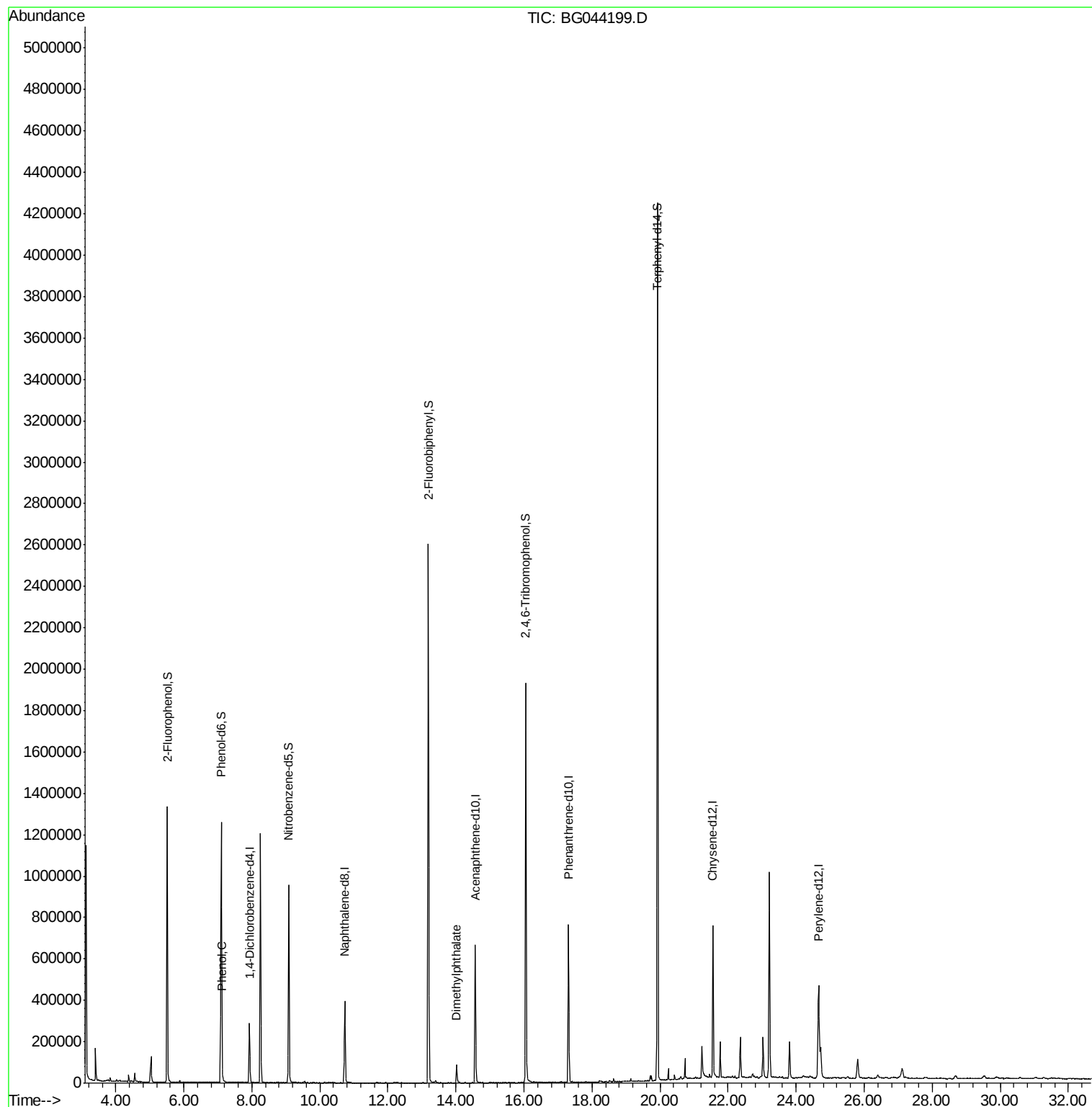
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	84767	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	369583	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	255025	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	502120	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	435856	20.00	ng	-0.04
87) Perylene-d12	24.66	264	478845	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	649008	140.58	ng	-0.03
7) Phenol-d6	7.10	99	799898	123.95	ng	-0.03
23) Nitrobenzene-d5	9.08	82	609312	88.20	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	373615	139.99	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1410515	100.21	ng	-0.03
79) Terphenyl-d14	19.92	244	1945615	118.78	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	15411	2.318	ng	93
50) Dimethylphthalate	14.02	163	72721	4.016	ng	97

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

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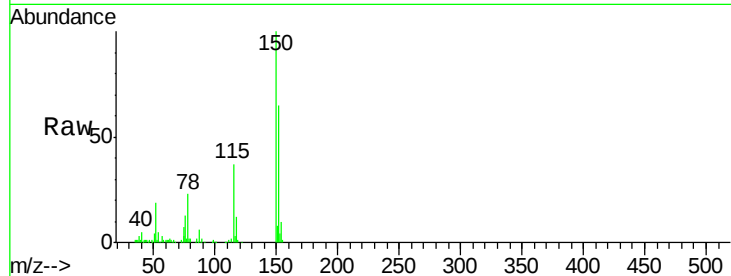


#1

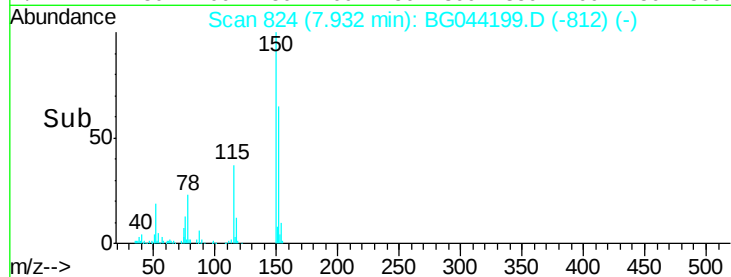
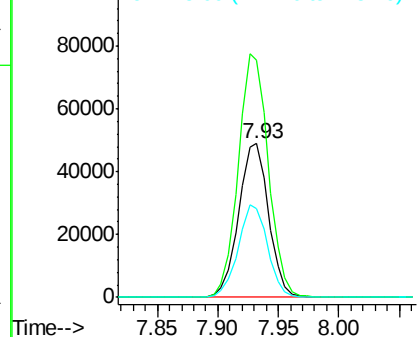
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044199.D
Acq: 25 Jan 2020 3:08

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-A

Tot Ion:152 Resp: 84767
Ion Ratio Lower Upper
152 100
150 154.3 127.0 190.4
115 57.8 47.8 71.8



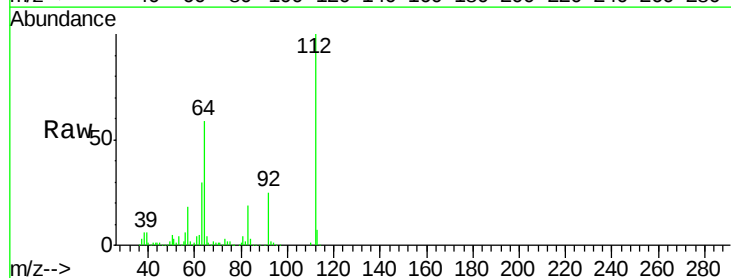
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



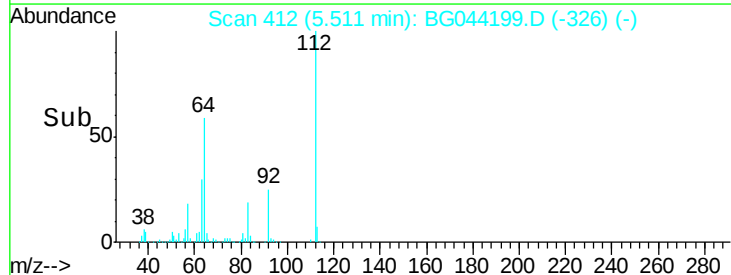
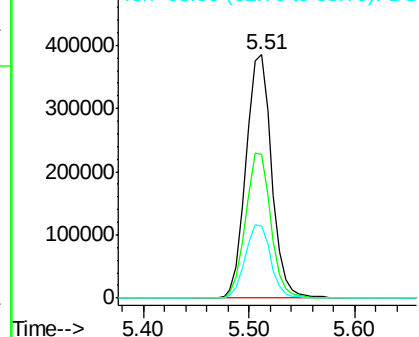
#5

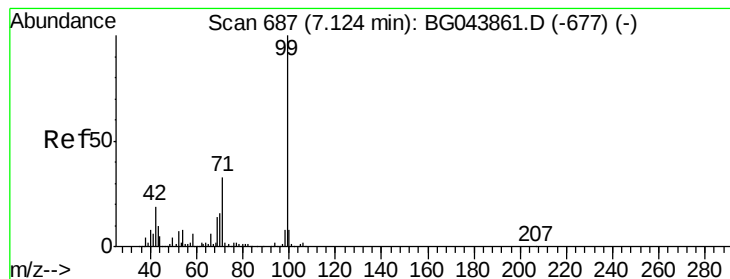
2-Fluorophenol
Concen: 140.580 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044199.D
Acq: 25 Jan 2020 3:08

Tgt Ion:112 Resp: 649008
Ion Ratio Lower Upper
112 100
64 59.3 47.8 71.6
63 29.9 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: 123.953 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044199.D

Acq: 25 Jan 2020 3:08

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-A

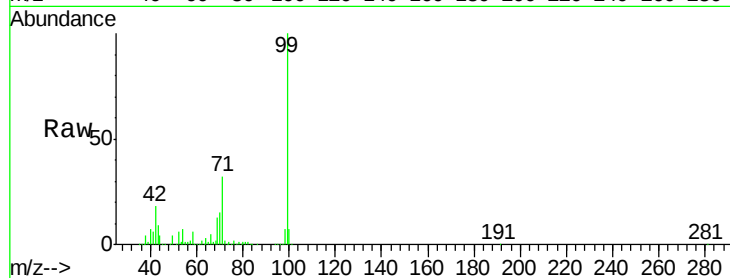
Tot Ion: 99 Resp: 799898

Ion Ratio Lower Upper

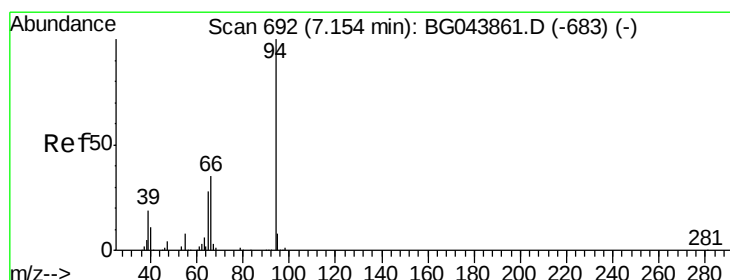
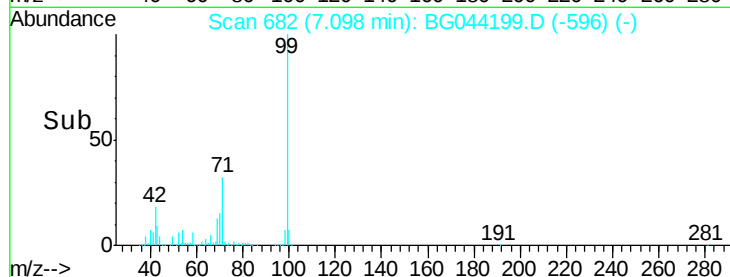
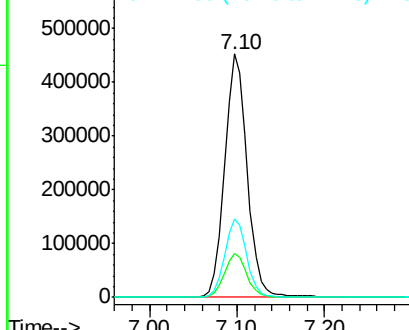
99 100

42 18.0 14.9 22.3

71 32.3 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: 2.318 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044199.D

Acq: 25 Jan 2020 3:08

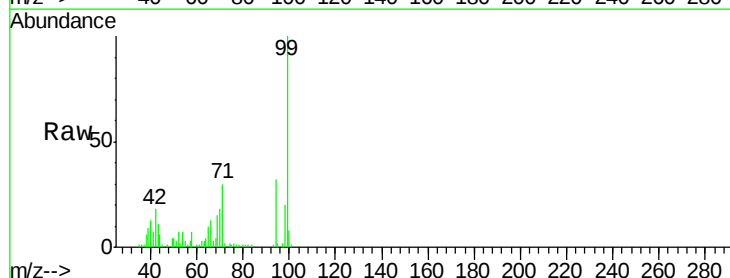
Tgt Ion: 94 Resp: 15411

Ion Ratio Lower Upper

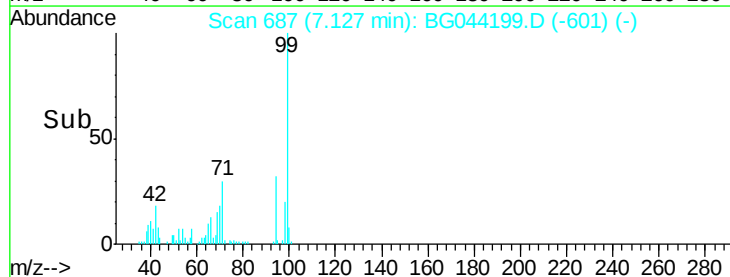
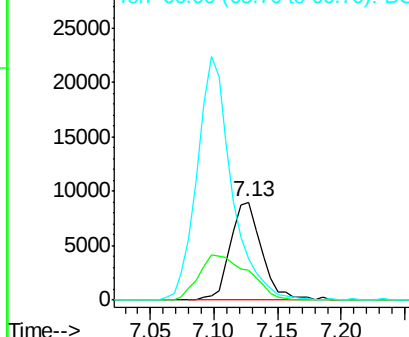
94 100

65 30.1 8.1 48.1

66 41.6 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

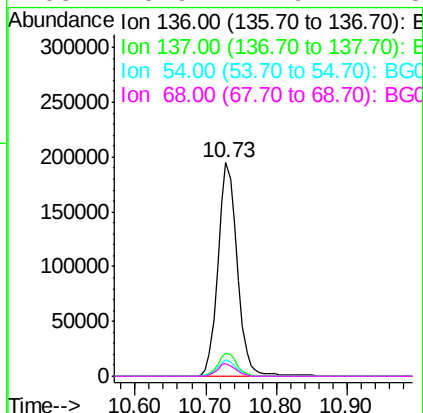
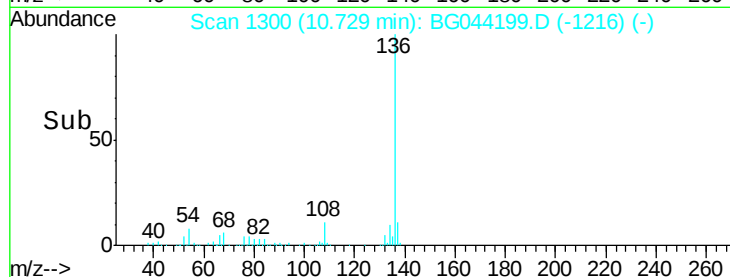
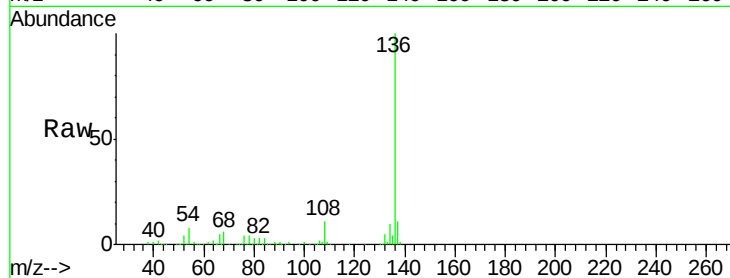




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044199.D
Acq: 25 Jan 2020 3:08

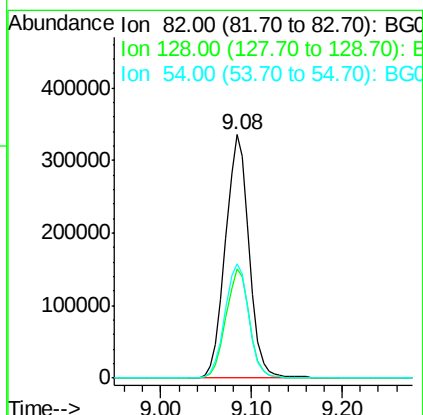
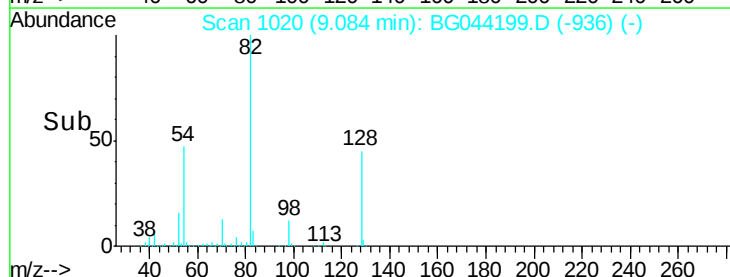
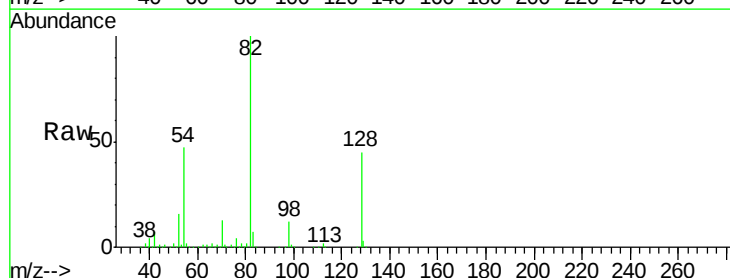
Instrument :
BNA_G
ClientSampleId :
JC-03-012320-A

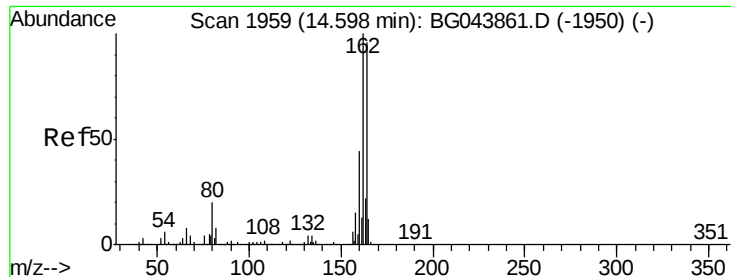
Tot Ion:136	Resp:	369583
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.8 13.2
54	7.7	7.0 10.4
68	5.9	4.9 7.3



#23
Nitrobenzene-d5
Concen: 88.196 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044199.D
Acq: 25 Jan 2020 3:08

Tgt Ion: 82	Resp:	609312
Ion Ratio	Lower	Upper
82	100	
128	44.6	35.1 52.7
54	46.8	40.1 60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044199.D

Acq: 25 Jan 2020 3:08

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-A

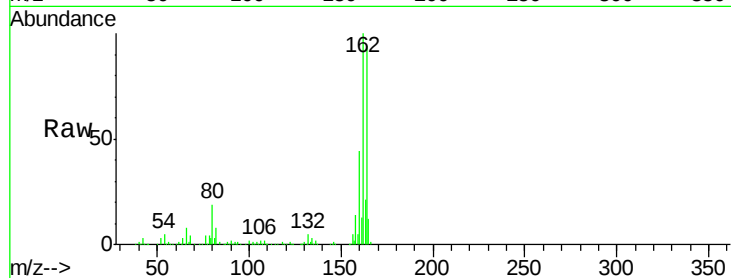
Tot Ion:164 Resp: 255025

Ion Ratio Lower Upper

164 100

162 106.7 83.0 124.4

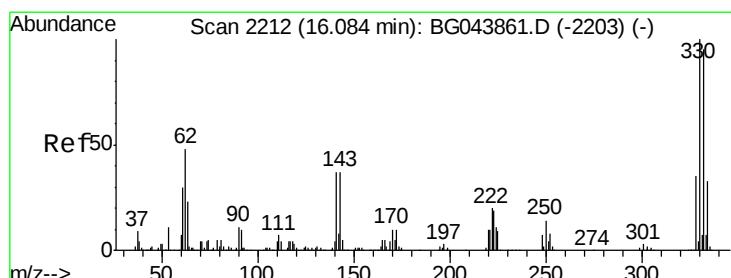
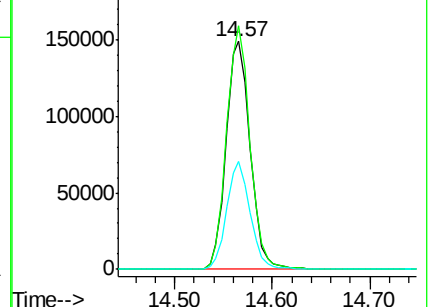
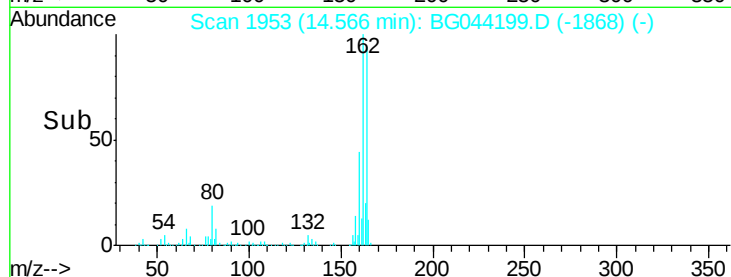
160 47.1 36.1 54.1



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: 139.994 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.03 min

Lab File: BG044199.D

Acq: 25 Jan 2020 3:08

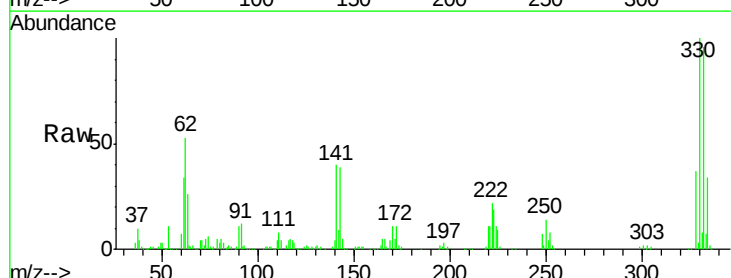
Tgt Ion:330 Resp: 373615

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

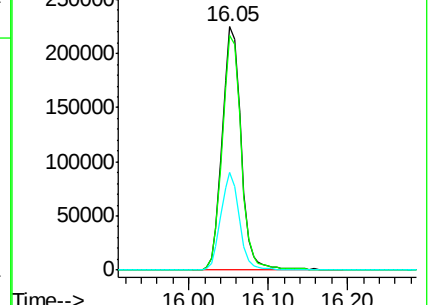
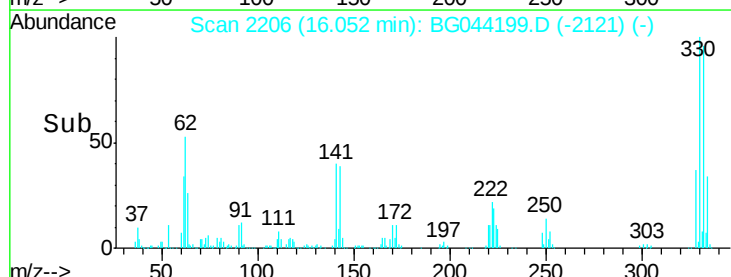
141 39.2 33.1 49.7



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

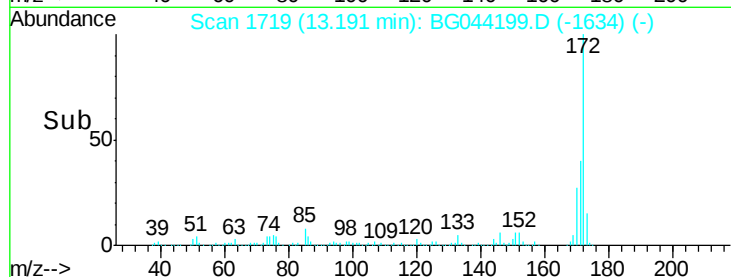
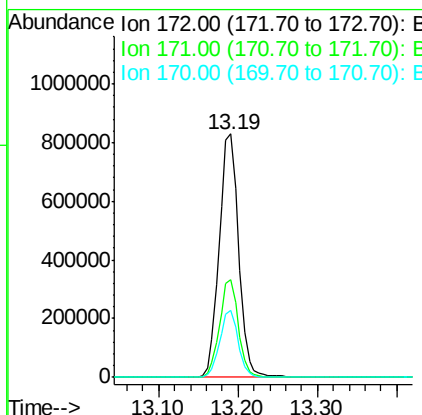
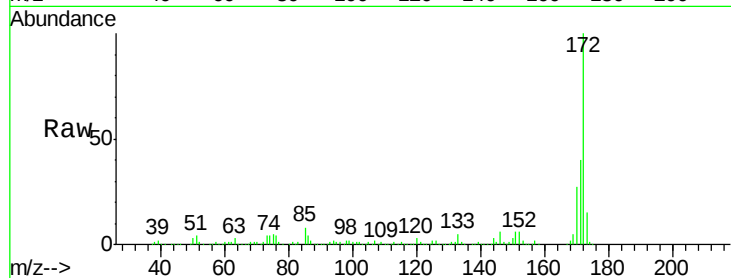




#45
2-Fluorobiphenyl
Concen: 100.207 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044199.D
Acq: 25 Jan 2020 3:08

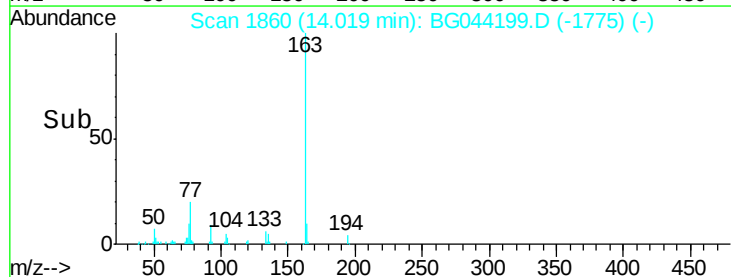
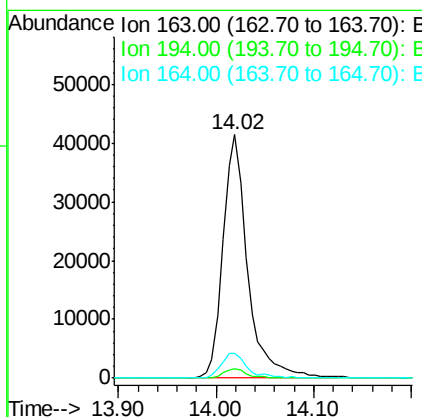
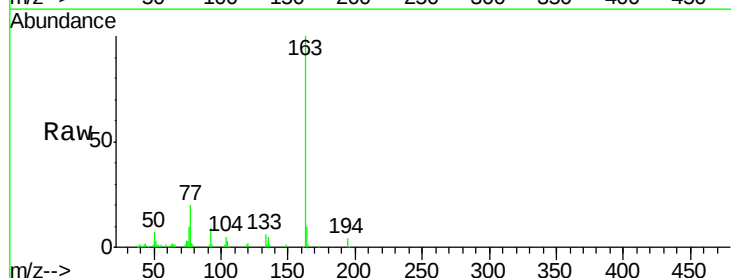
Instrument :
BNA_G
ClientSampleId :
JC-03-012320-A

Tot Ion:172 Resp: 1410515
Ion Ratio Lower Upper
172 100
171 40.2 35.8 53.8
170 27.3 24.2 36.4



#50
Dimethylphthalate
Concen: 4.016 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044199.D
Acq: 25 Jan 2020 3:08

Tgt Ion:163 Resp: 72721
Ion Ratio Lower Upper
163 100
194 3.9 3.7 5.5
164 10.1 9.3 13.9

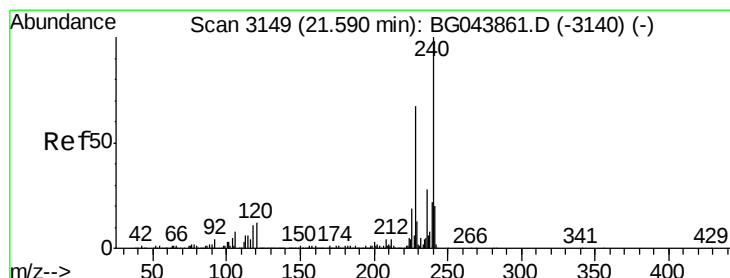
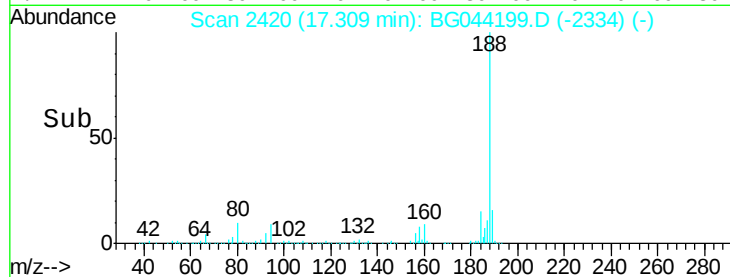
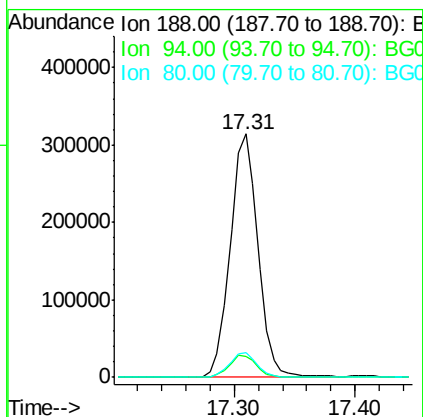
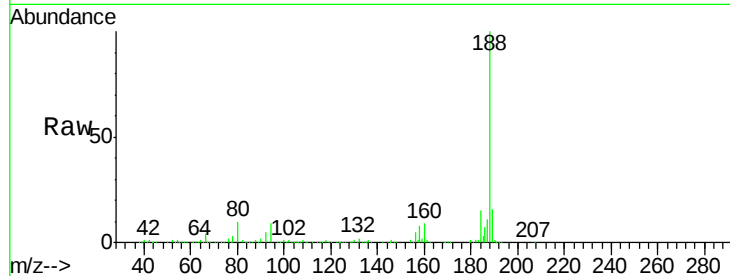




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044199.D
Acq: 25 Jan 2020 3:08

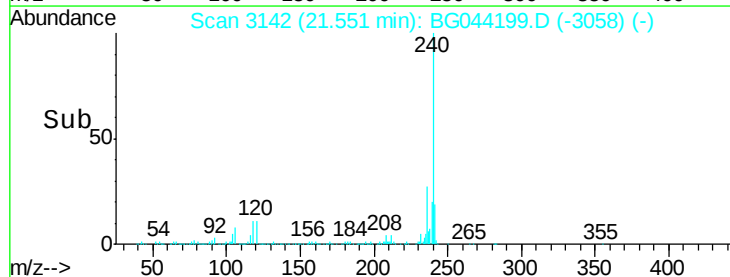
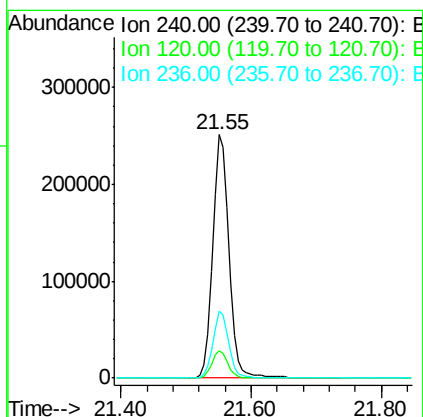
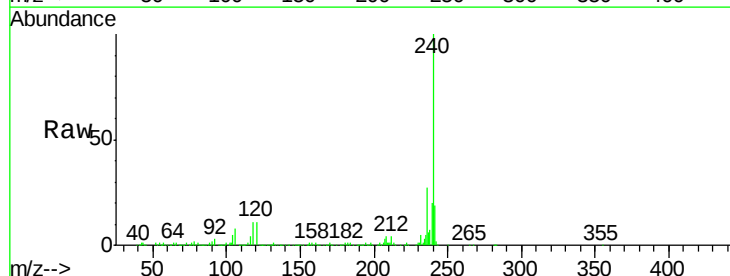
Instrument :
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ClientSampleId :
JC-03-012320-A

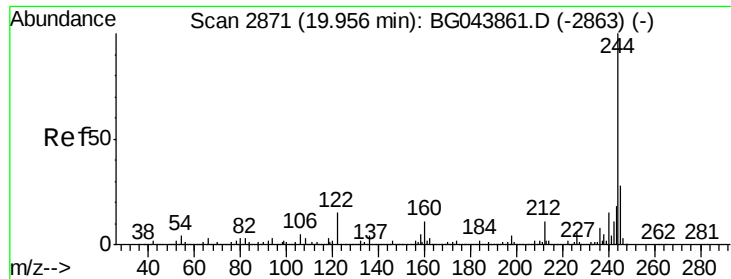
Tot Ion:188 Resp: 502120
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 10.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.04 min
Lab File: BG044199.D
Acq: 25 Jan 2020 3:08

Tgt Ion:240 Resp: 435856
Ion Ratio Lower Upper
240 100
120 11.1 9.6 14.4
236 27.3 22.2 33.2





#79

Terphenyl-d14

Concen: 118.778 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044199.D

Acq: 25 Jan 2020 3:08

Instrument :

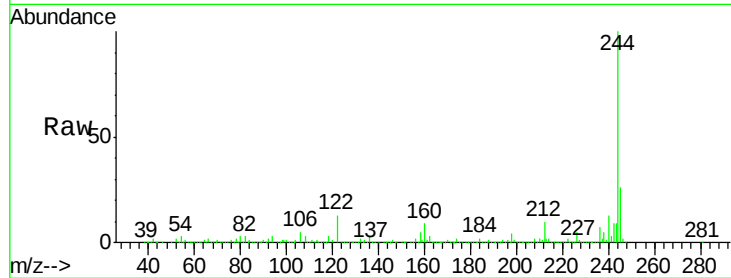
BNA_G

ClientSampleId :

JC-03-012320-A

Tot Ion:244 Resp: 1945615

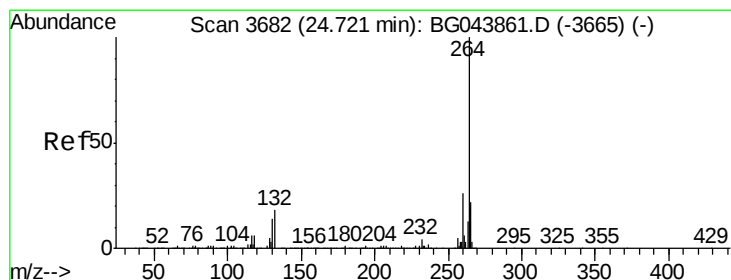
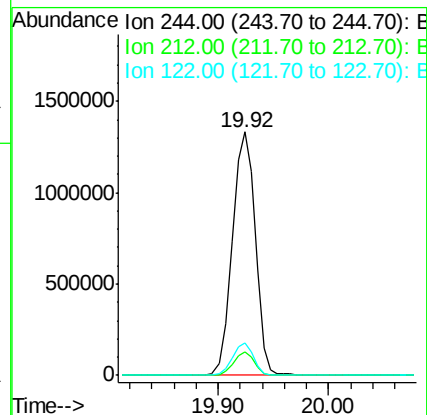
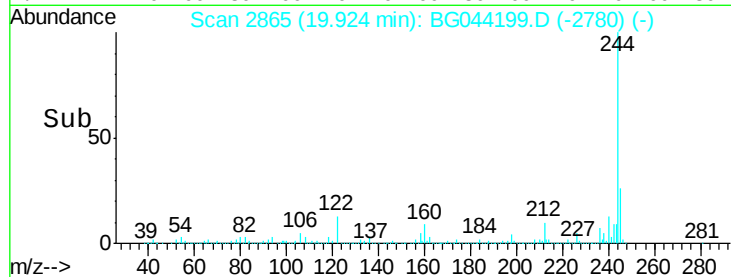
Ion	Ratio	Lower	Upper
244	100		
212	9.7	8.6	13.0
122	13.2	11.9	17.9



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

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3671

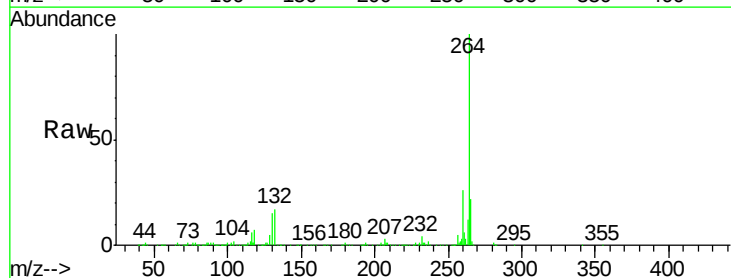
Delta R.T. -0.06 min

Lab File: BG044199.D

Acq: 25 Jan 2020 3:08

Tgt Ion:264 Resp: 478845

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.4	30.6
265	21.9	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

