

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043444.D
 Acq On : 31 Oct 2019 21:38
 Operator : JU
 Sample : K5148-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-102919

Quant Time: Nov 01 05:23:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

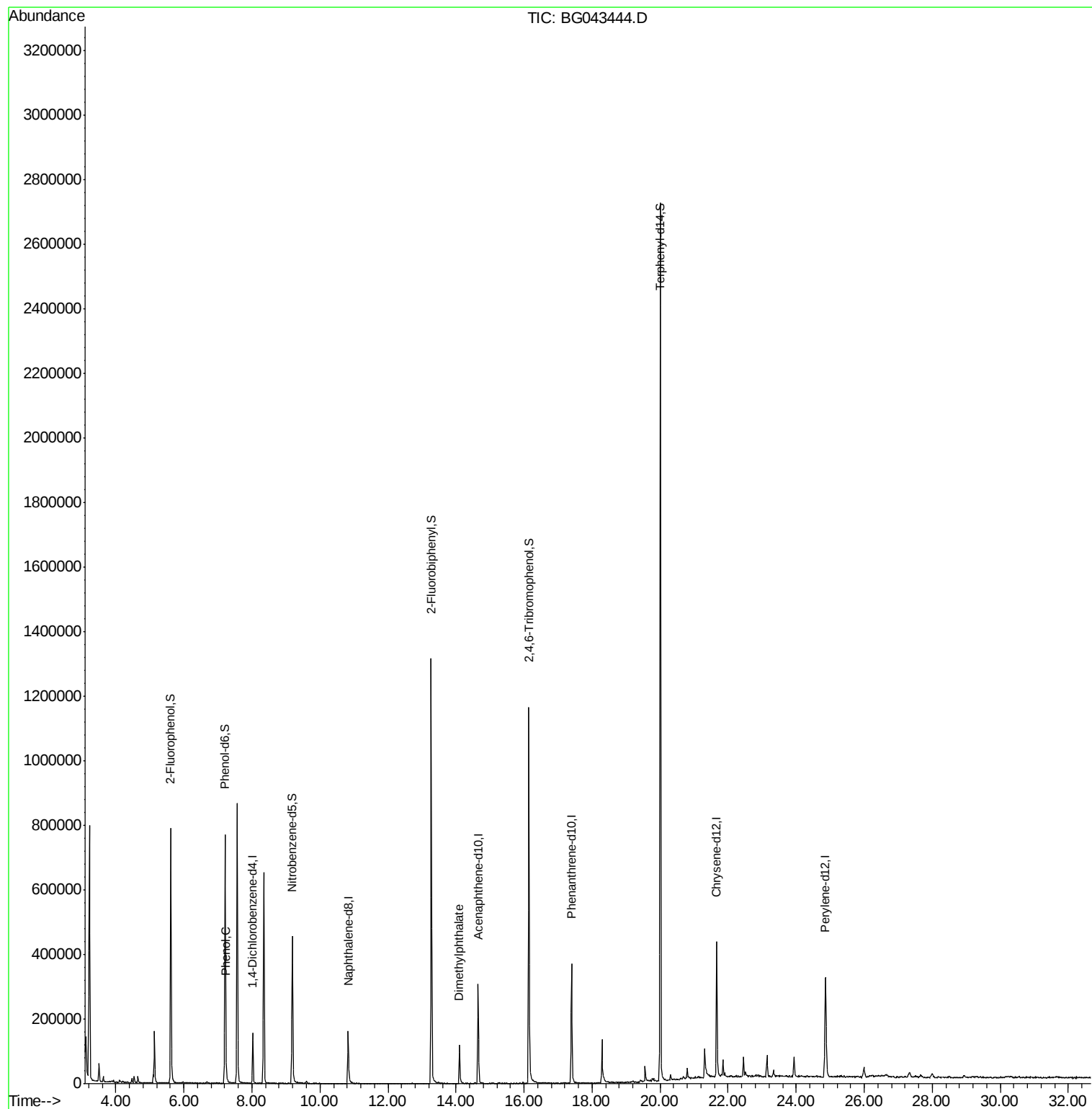
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	48222	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	165478	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	119562	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	275580	20.00	ng	0.00
76) Chrysene-d12	21.66	240	290436	20.00	ng	0.00
87) Perylene-d12	24.86	264	349188	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	356612	135.51	ng	0.01
7) Phenol-d6	7.21	99	481208	127.10	ng	0.01
23) Nitrobenzene-d5	9.19	82	302584	94.27	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	289545	127.26	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	787187	90.98	ng	0.00
79) Terphenyl-d14	20.00	244	1464737	94.61	ng	0.00
Target Compounds						
10) Phenol	7.24	94	13532	3.911	ng	88
50) Dimethylphthalate	14.10	163	97846	10.565	ng	98

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

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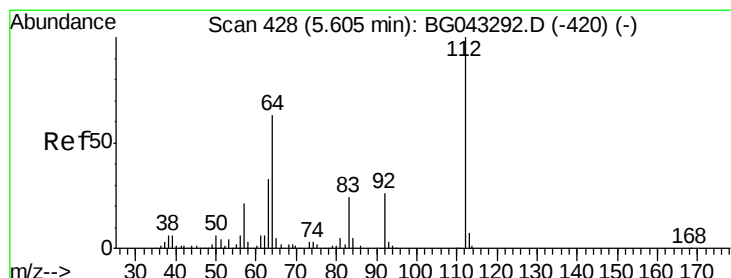
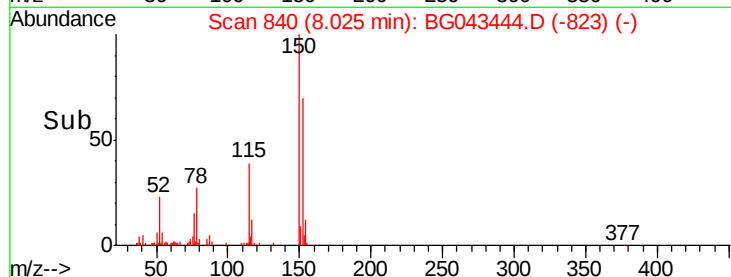
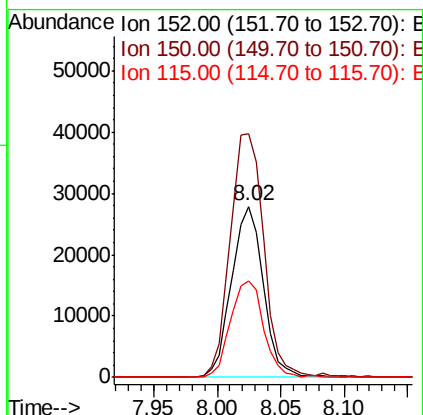
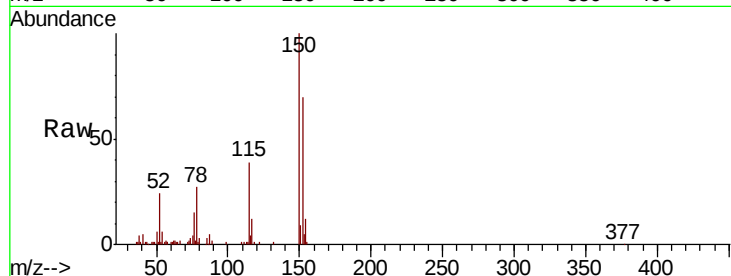


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Instrument :
BNA_G
ClientSampleId :
OR-03-102919

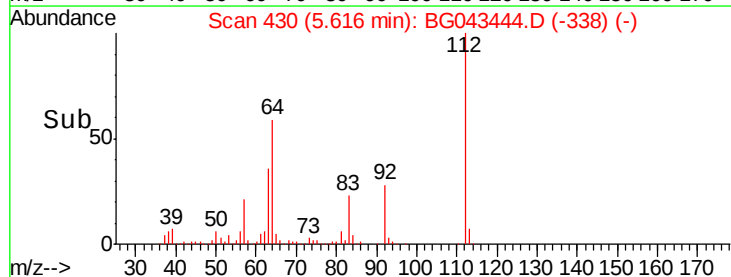
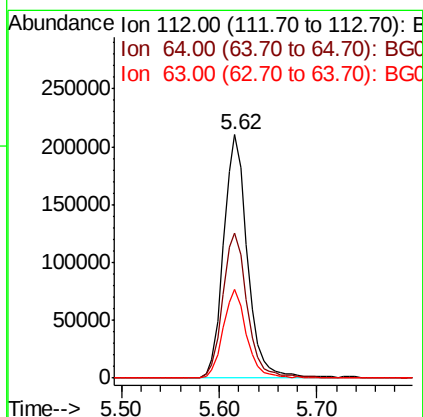
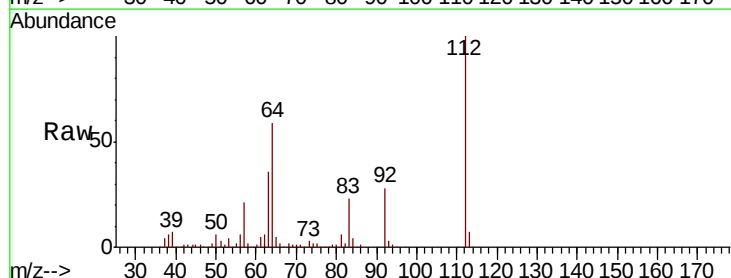
Tot Ion:152 Resp: 48222
Ion Ratio Lower Upper
152 100
150 142.2 113.6 170.4
115 56.1 45.9 68.9



#5

2-Fluorophenol
Concen: 135.513 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Tgt Ion:112 Resp: 356612
Ion Ratio Lower Upper
112 100
64 59.3 50.2 75.2
63 36.4 26.7 40.1





#7

Phenol-d6

Concen: 127.095 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043444.D

Acq: 31 Oct 2019 21:38

Instrument :

BNA_G

ClientSampleId :

OR-03-102919

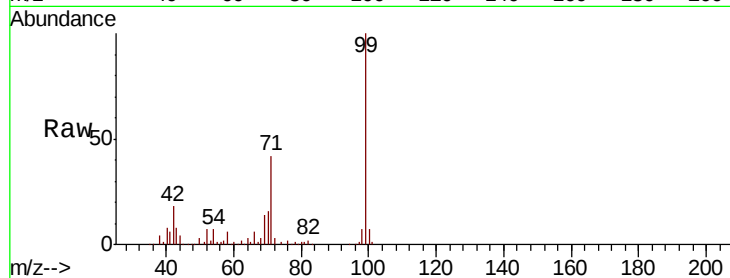
Tot Ion: 99 Resp: 481208

Ion Ratio Lower Upper

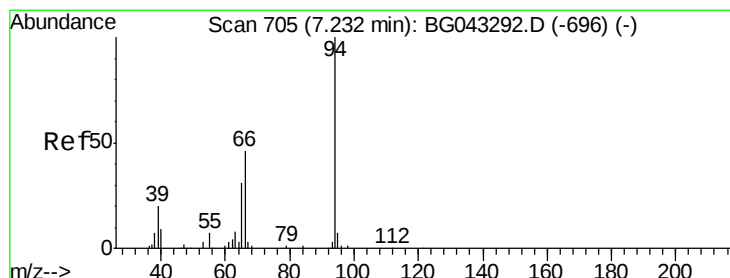
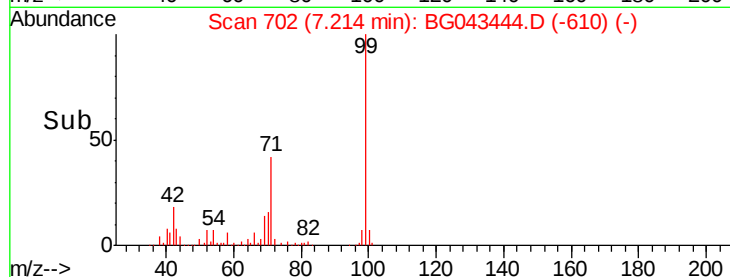
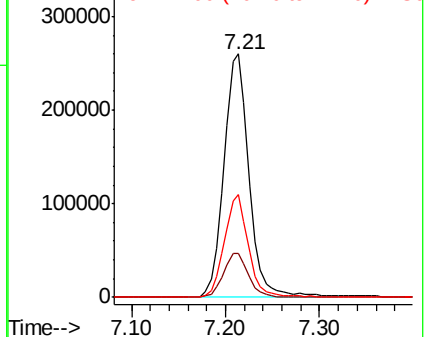
99 100

42 18.1 14.9 22.3

71 42.3 32.2 48.2



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: 3.911 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043444.D

Acq: 31 Oct 2019 21:38

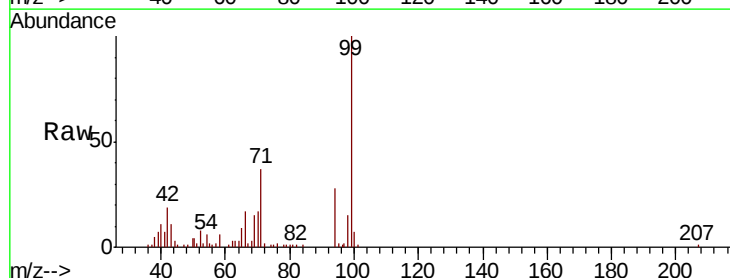
Tgt Ion: 94 Resp: 13532

Ion Ratio Lower Upper

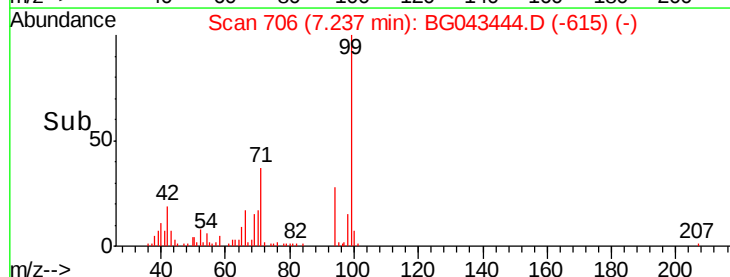
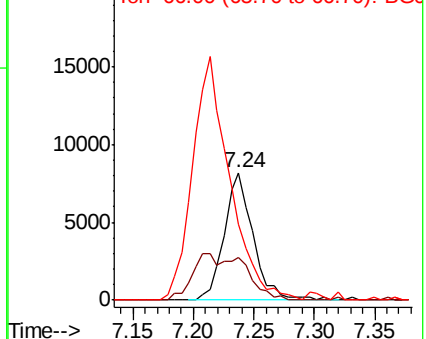
94 100

65 33.3 11.1 51.1

66 59.4 27.8 67.8



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

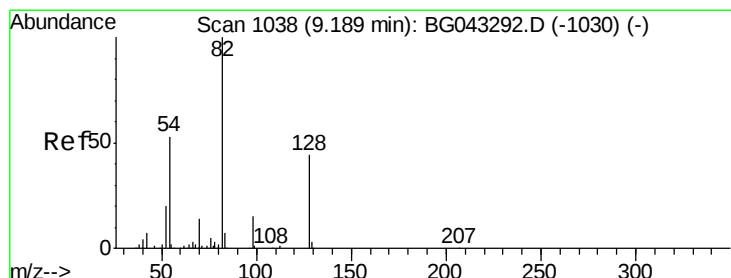
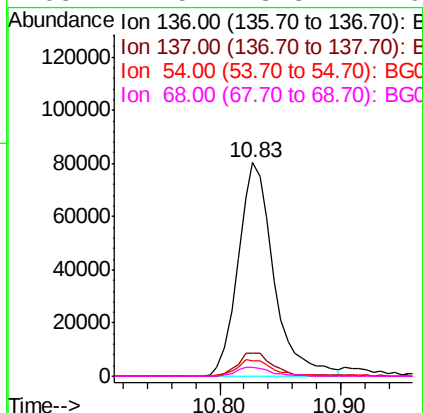
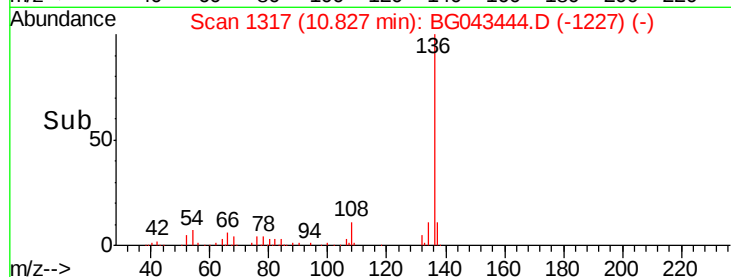
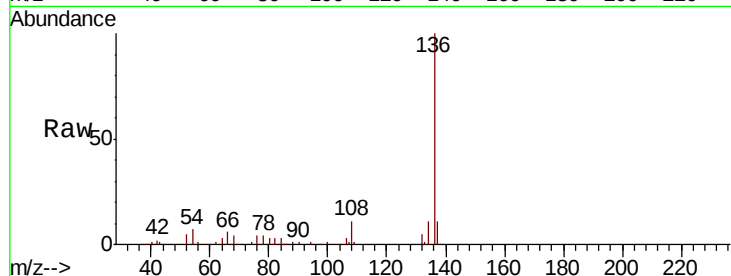




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

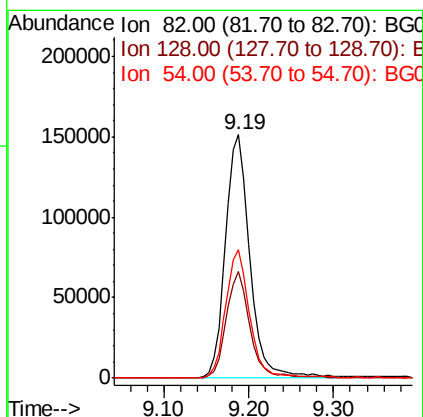
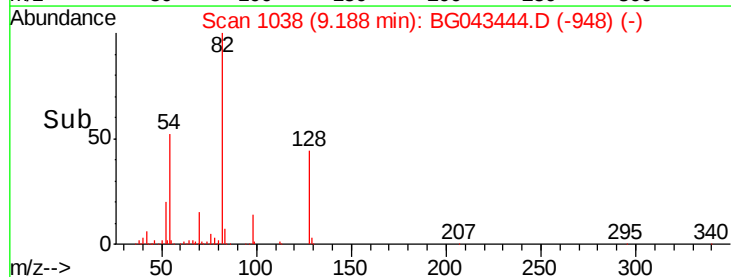
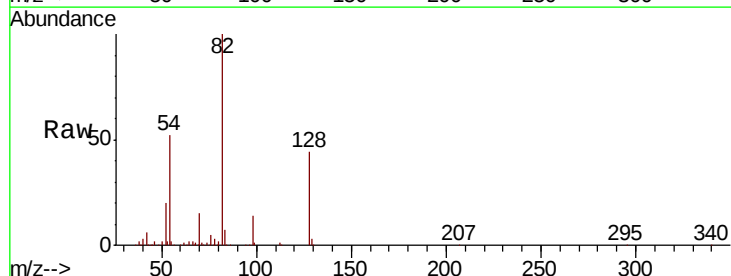
Instrument :
BNA_G
ClientSampleId :
OR-03-102919

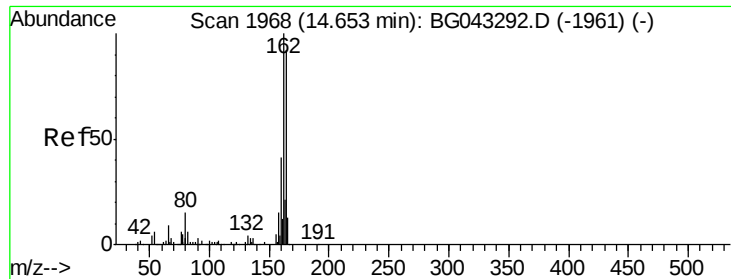
Tot Ion:136	Resp:	165478
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.2	12.2
54 7.5	5.4	8.2
68 4.5	3.3	4.9



#23
Nitrobenzene-d5
Concen: 94.270 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Tgt Ion: 82	Resp: 302584
Ion Ratio	Lower Upper
82 100	
128 43.6	35.3 52.9
54 52.5	42.3 63.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043444.D

Acq: 31 Oct 2019 21:38

Instrument :

BNA_G

ClientSampleId :

OR-03-102919

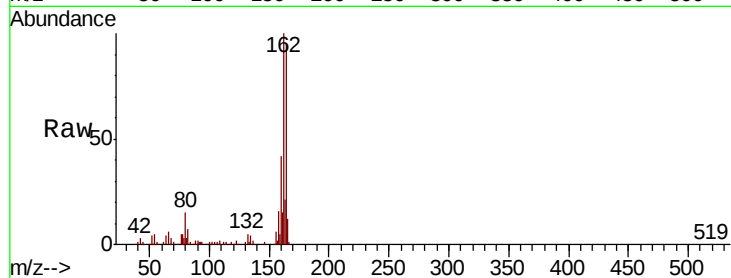
Tot Ion:164 Resp: 119562

Ion Ratio Lower Upper

164 100

162 105.4 87.0 130.4

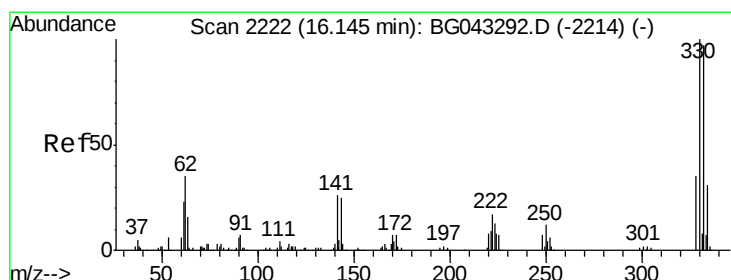
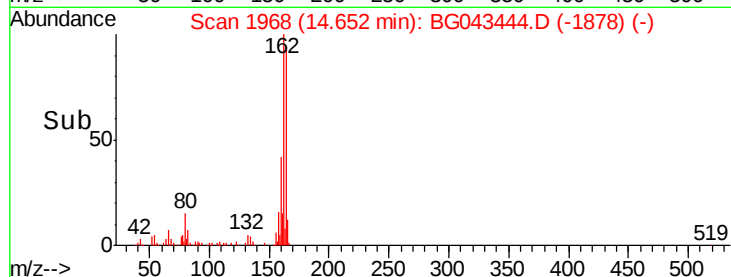
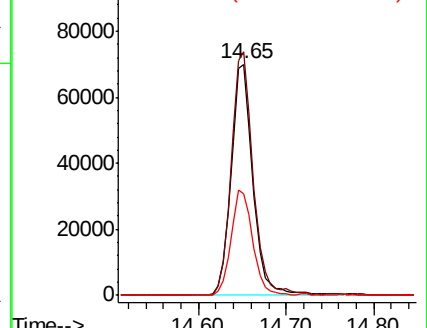
160 43.9 35.5 53.3



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: 127.257 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043444.D

Acq: 31 Oct 2019 21:38

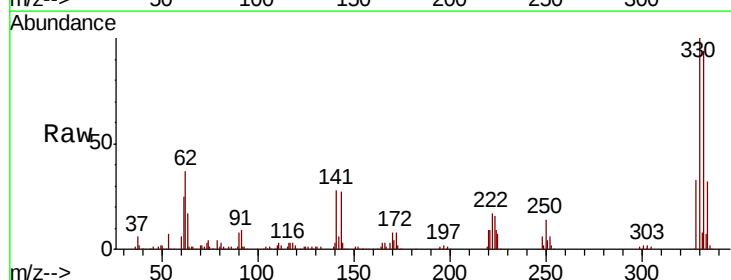
Tgt Ion:330 Resp: 289545

Ion Ratio Lower Upper

330 100

332 97.1 76.4 114.6

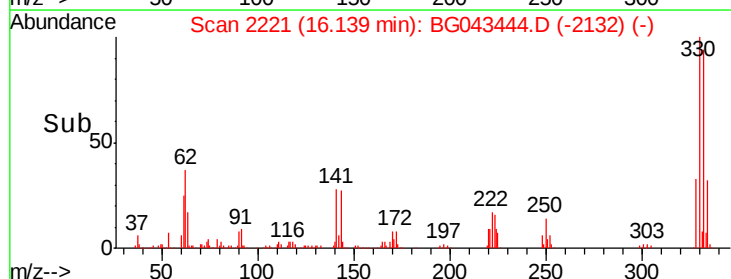
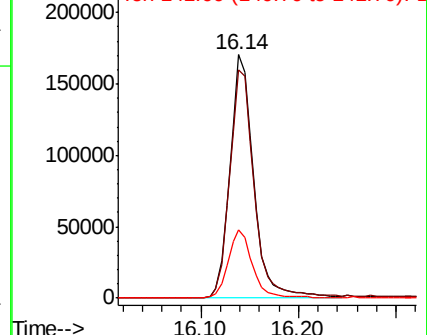
141 29.0 21.4 32.0

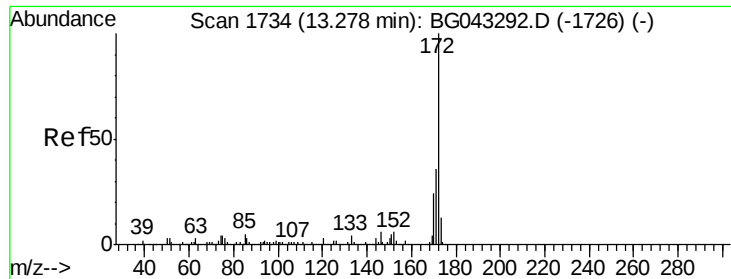


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

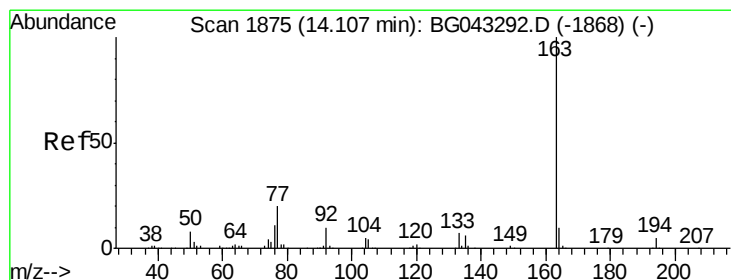
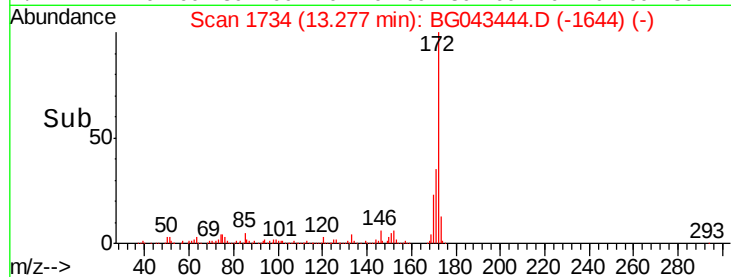
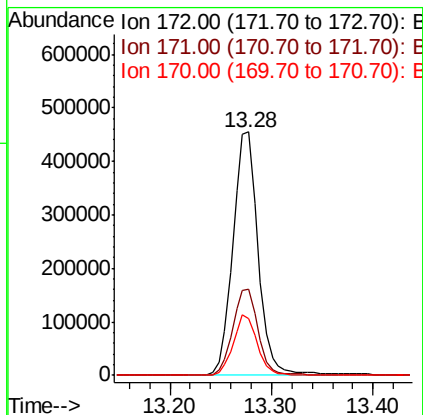
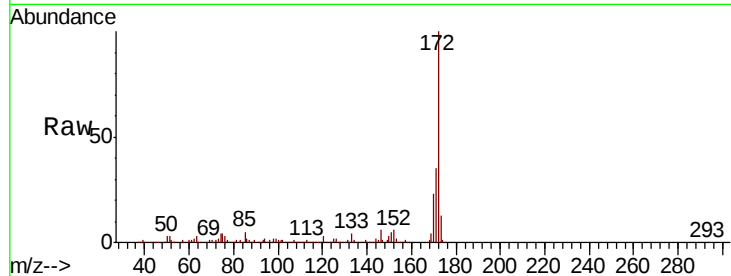




#45
2-Fluorobiphenyl
Concen: 90.977 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

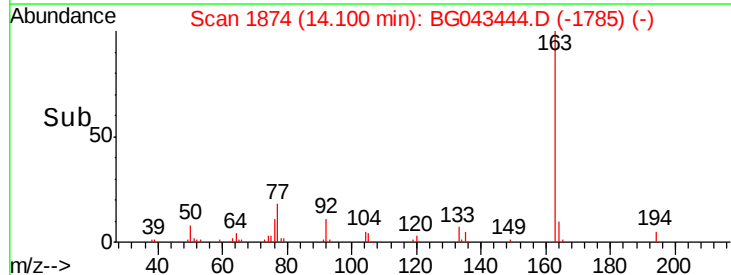
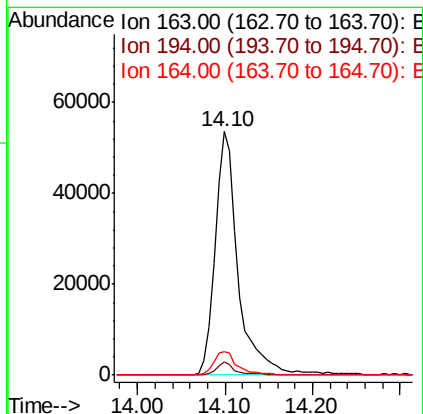
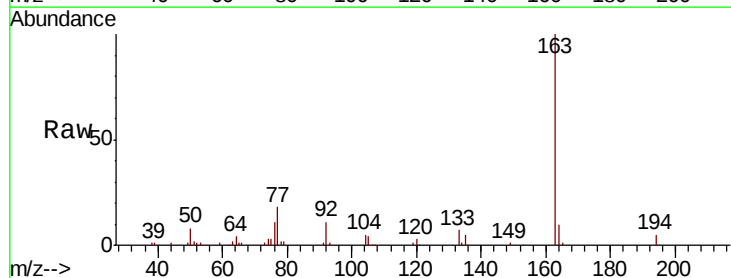
Instrument :
BNA_G
ClientSampleId :
OR-03-102919

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.2	18.8	28.2



#50
Dimethylphthalate
Concen: 10.565 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.7	5.5
164	9.7	8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043444.D

Acq: 31 Oct 2019 21:38

Instrument :

BNA_G

ClientSampleId :

OR-03-102919

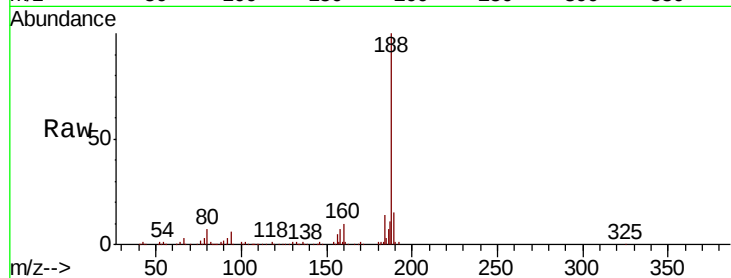
Tot Ion:188 Resp: 275580

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.2

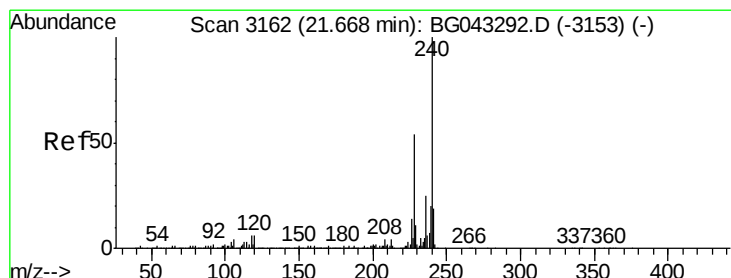
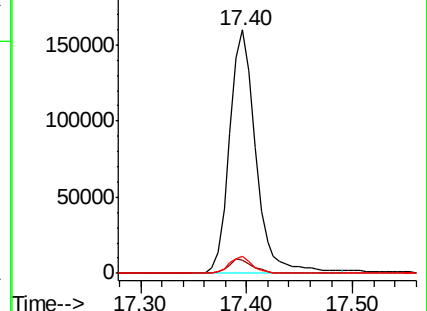
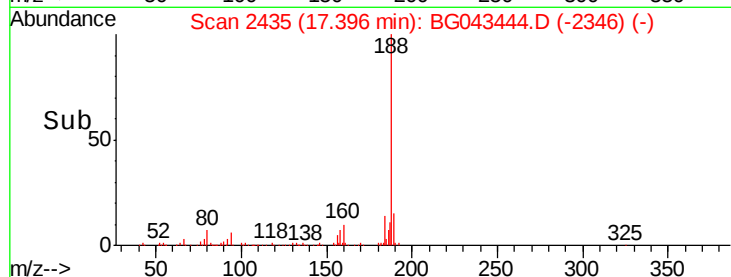
80 6.9 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043444.D

Acq: 31 Oct 2019 21:38

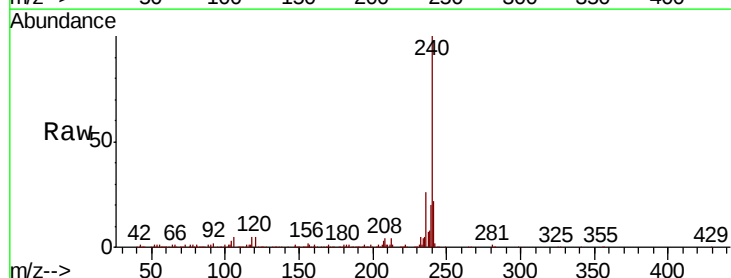
Tgt Ion:240 Resp: 290436

Ion Ratio Lower Upper

240 100

120 4.9 4.6 7.0

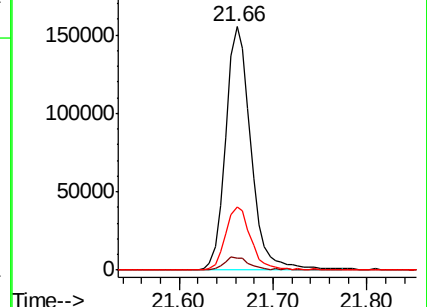
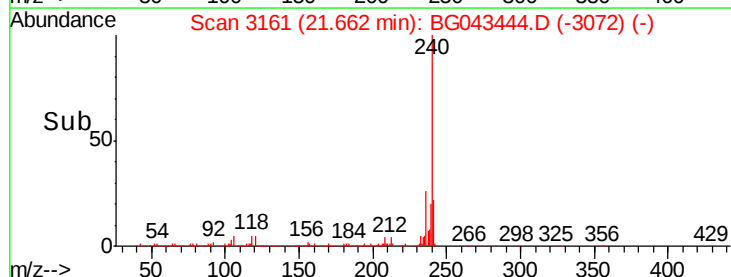
236 25.7 20.2 30.4

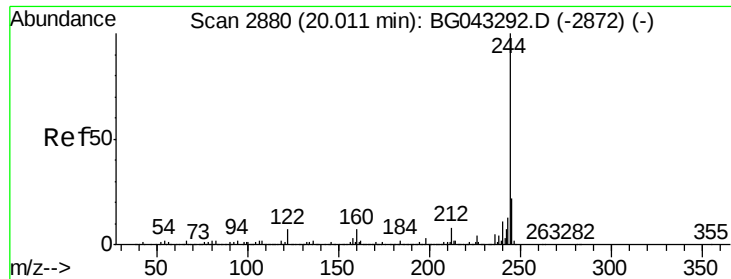


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.614 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043444.D

Acq: 31 Oct 2019 21:38

Instrument :

BNA_G

ClientSampleId :

OR-03-102919

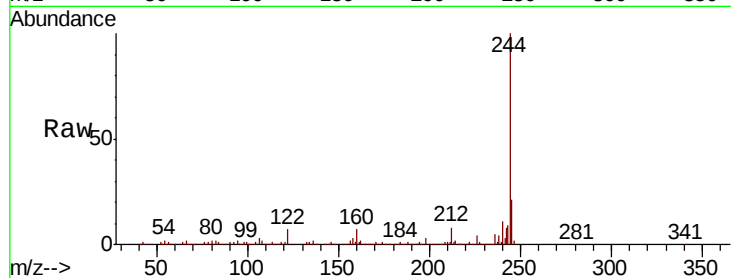
Tot Ion:244 Resp: 1464737

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	7.3	5.3	7.9

244 100

212 7.7 6.4 9.6

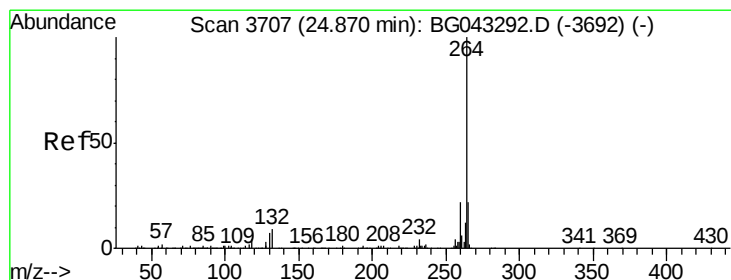
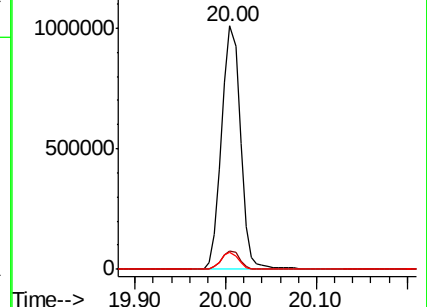
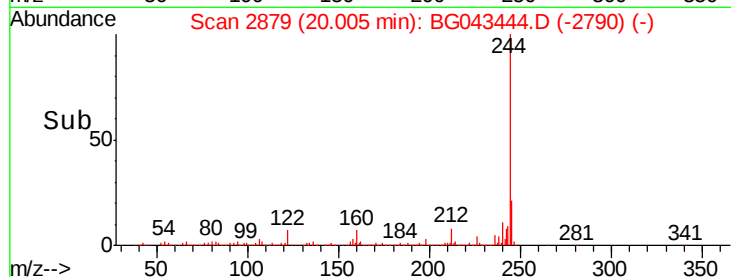
122 7.3 5.3 7.9



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: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG043444.D

Acq: 31 Oct 2019 21:38

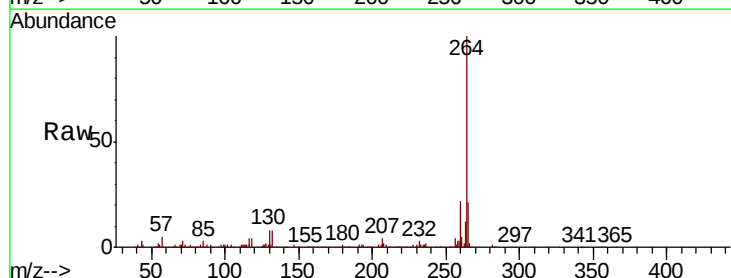
Tgt Ion:264 Resp: 349188

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.9	26.9
265	21.4	17.4	26.2

264 100

260 22.0 17.9 26.9

265 21.4 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

