

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043433.D
 Acq On : 31 Oct 2019 13:25
 Operator : JU
 Sample : K5599-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z3-22B

Quant Time: Oct 31 14:05:52 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

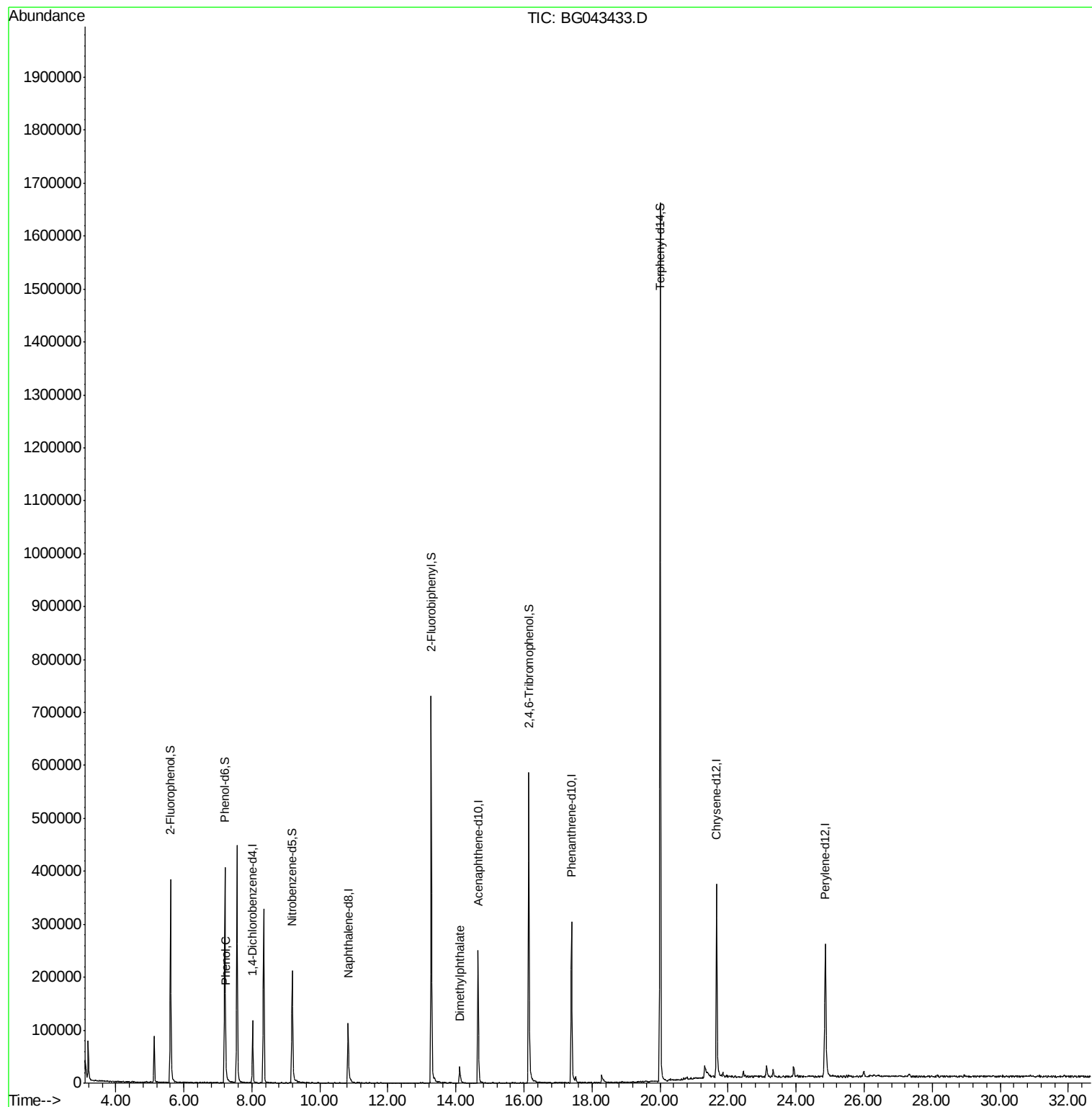
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35910	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	131767	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	99563	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	242695	20.00	ng	0.00
76) Chrysene-d12	21.66	240	268406	20.00	ng	0.00
87) Perylene-d12	24.86	264	307866	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	187531	95.69	ng	0.00
7) Phenol-d6	7.20	99	273688	97.07	ng	0.00
23) Nitrobenzene-d5	9.18	82	155946	61.01	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	166675	87.97	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	459320	63.75	ng	0.00
79) Terphenyl-d14	20.00	244	958346	66.98	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	5450	2.115	ng	# 65
50) Dimethylphthalate	14.11	163	34449	4.467	ng	# 94

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

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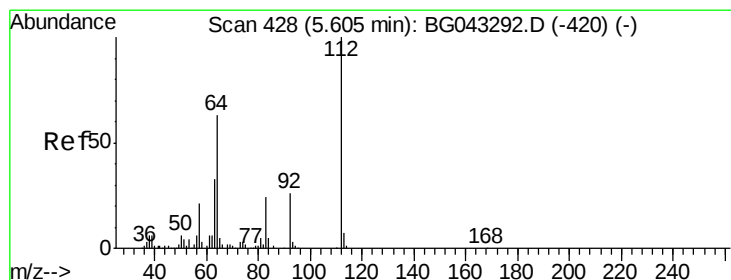
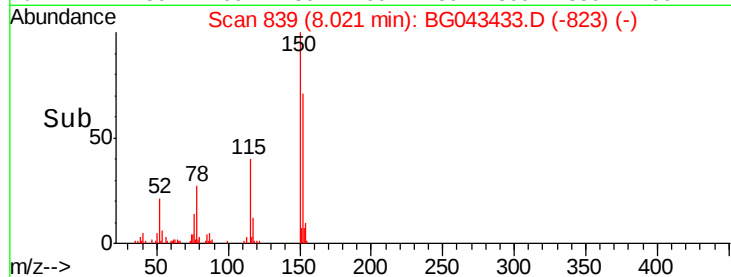
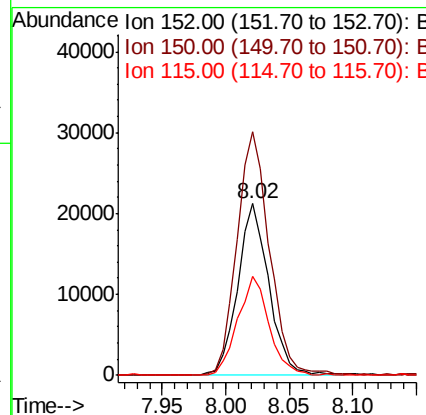
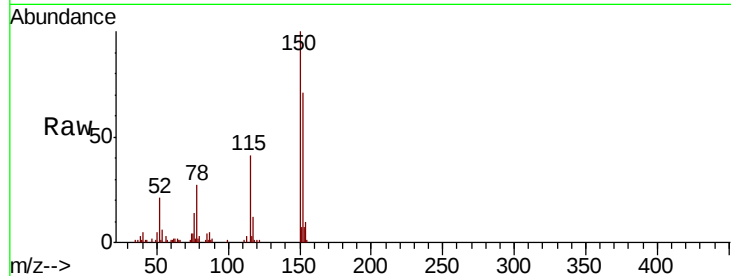


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BG043433.D
 Acq: 31 Oct 2019 13:25

Instrument :
 BNA_G
 ClientSampleId :
 Z3-22B

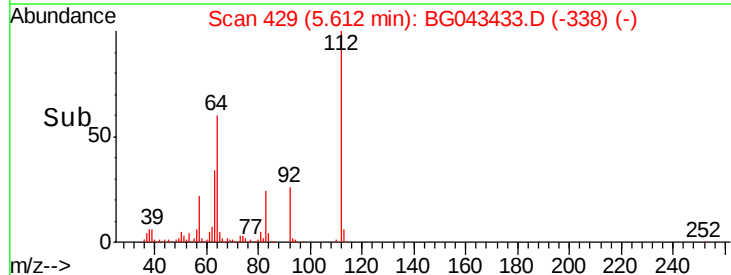
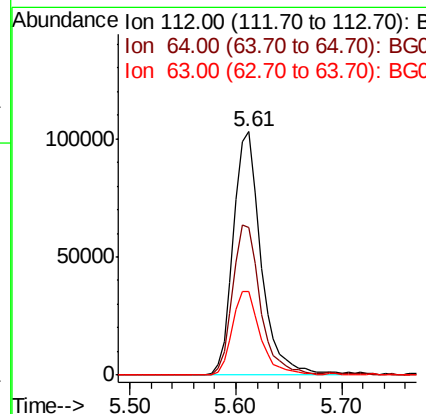
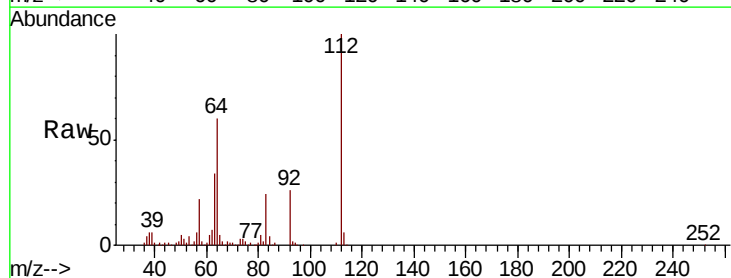
Tot Ion	Ratio	Lower	Upper
152	100		
150	141.8	113.6	170.4
115	57.5	45.9	68.9



#5

2-Fluorophenol
 Concen: 95.695 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG043433.D
 Acq: 31 Oct 2019 13:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	50.2	75.2
63	34.1	26.7	40.1





#7

Phenol-d6

Concen: 97.069 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043433.D

Acq: 31 Oct 2019 13:25

Instrument :

BNA_G

ClientSampleId :

Z3-22B

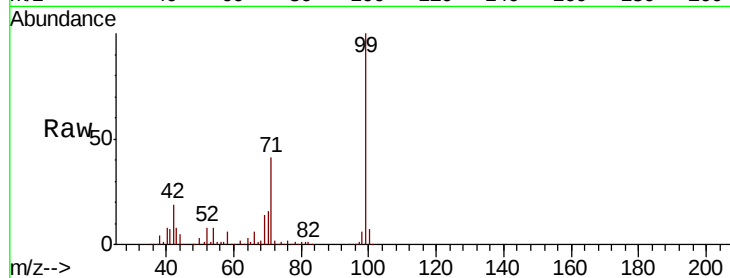
Tot Ion: 99 Resp: 273688

Ion Ratio Lower Upper

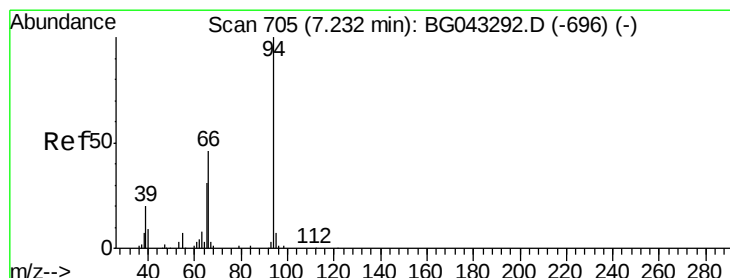
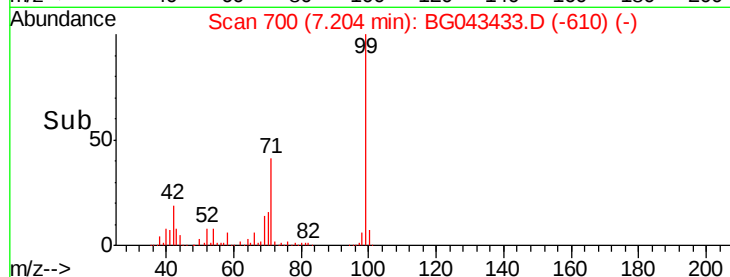
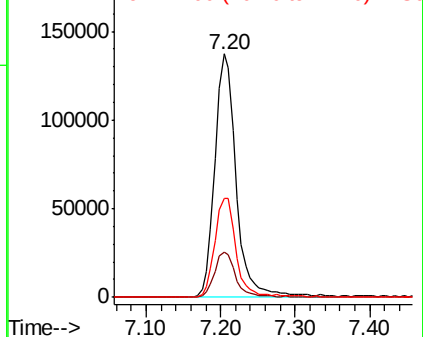
99 100

42 18.6 14.9 22.3

71 40.8 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: 2.115 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG043433.D

Acq: 31 Oct 2019 13:25

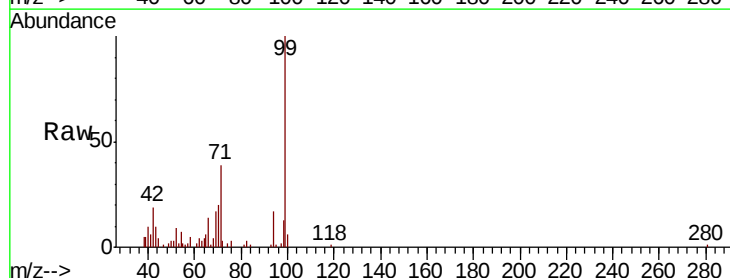
Tgt Ion: 94 Resp: 5450

Ion Ratio Lower Upper

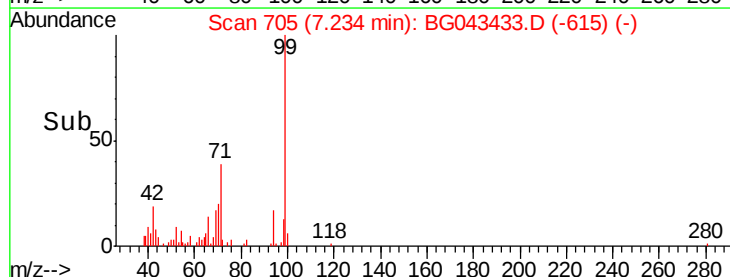
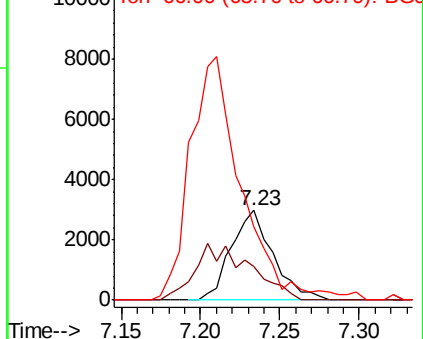
94 100

65 37.5 11.1 51.1

66 81.1 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

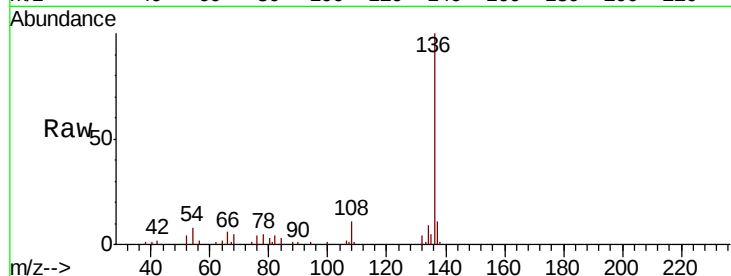




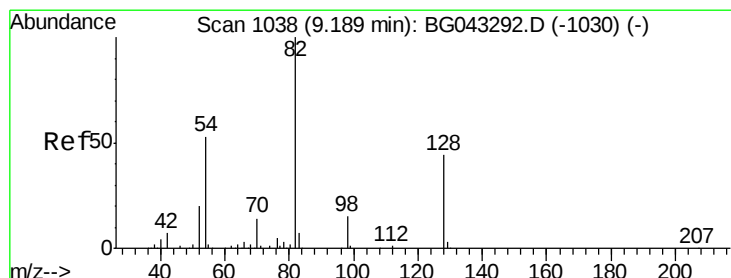
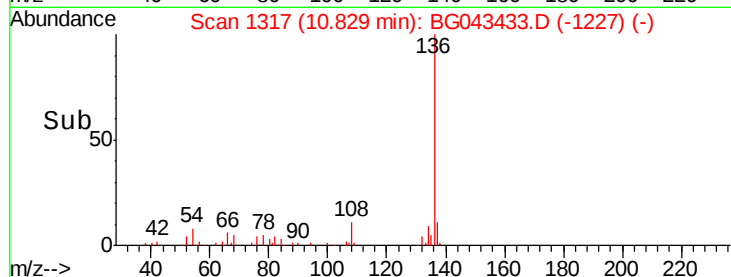
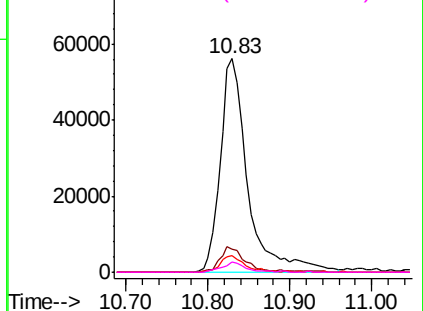
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

Instrument :
BNA_G
ClientSampleId :
Z3-22B

Tot Ion:136	Resp:	131767
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.2	12.2
54 7.7	5.4	8.2
68 4.7	3.3	4.9

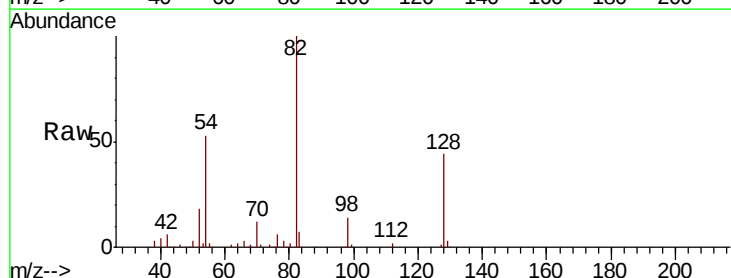


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

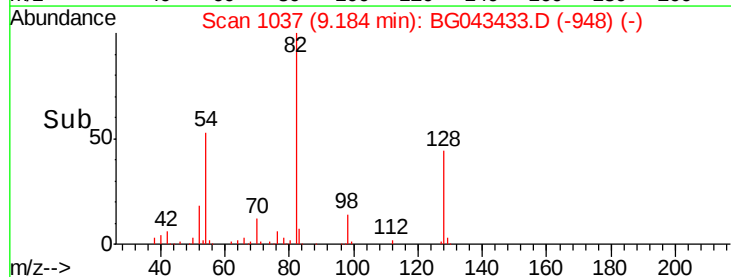
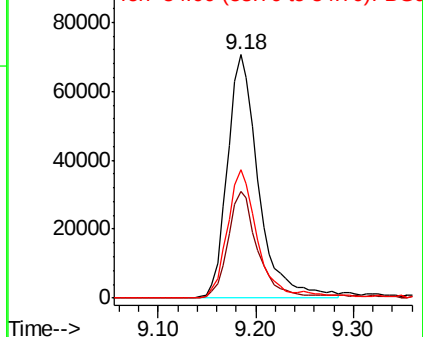


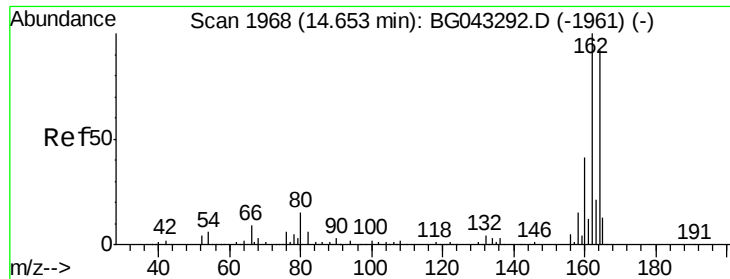
#23
Nitrobenzene-d5
Concen: 61.015 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

Tgt	Ion: 82	Resp:	155946
Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.3	52.9
54	52.7	42.3	63.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG043433.D

Acq: 31 Oct 2019 13:25

Instrument :

BNA_G

ClientSampleId :

Z3-22B

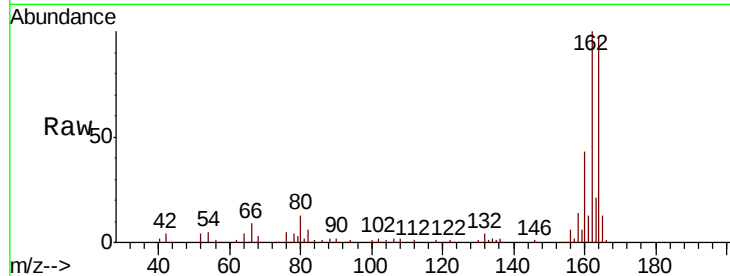
Tot Ion:164 Resp: 99563

Ion	Ratio	Lower	Upper
164	100		
162	103.5	87.0	130.4
160	44.4	35.5	53.3

164 100

162 103.5 87.0 130.4

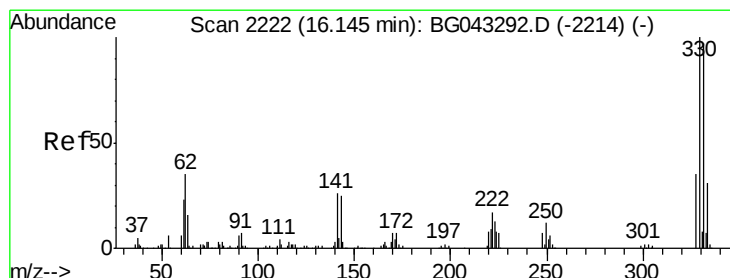
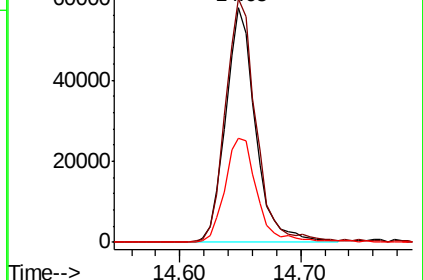
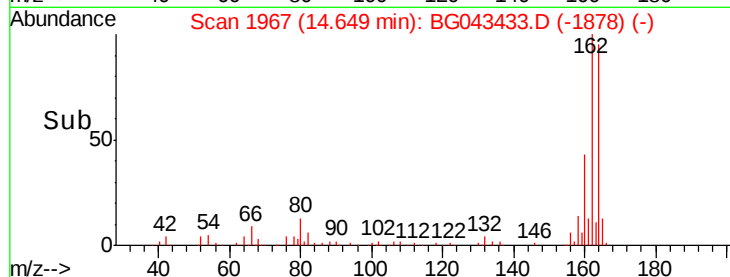
160 44.4 35.5 53.3



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: 87.970 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BG043433.D

Acq: 31 Oct 2019 13:25

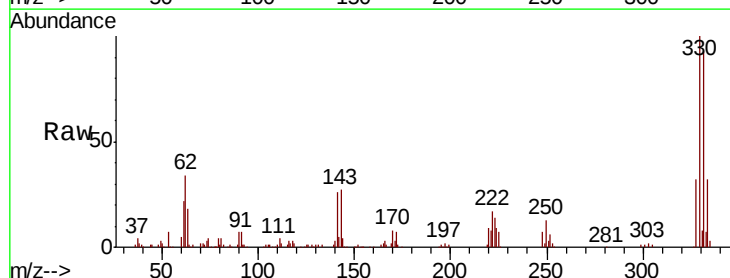
Tgt Ion:330 Resp: 166675

Ion	Ratio	Lower	Upper
330	100		
332	93.5	76.4	114.6
141	26.8	21.4	32.0

330 100

332 93.5 76.4 114.6

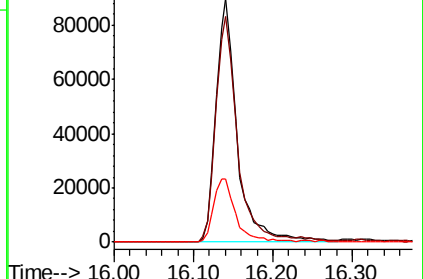
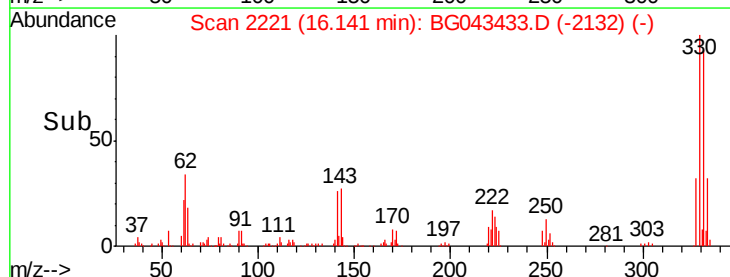
141 26.8 21.4 32.0



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

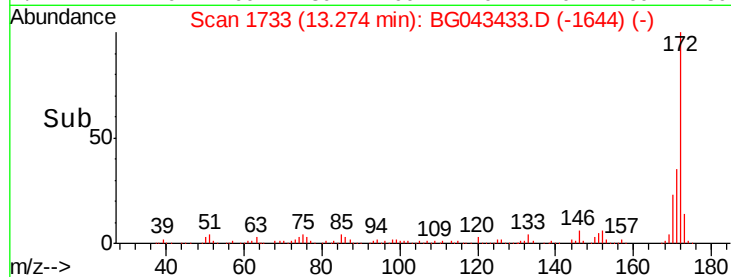
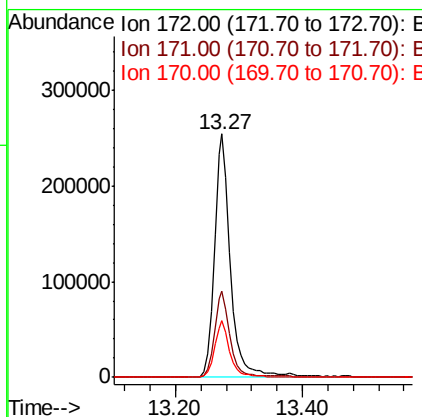
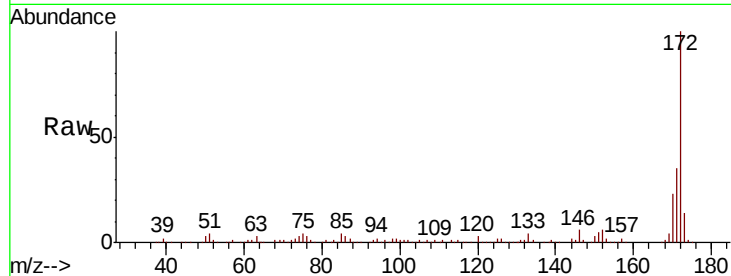




#45
2-Fluorobiphenyl
Concen: 63.748 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

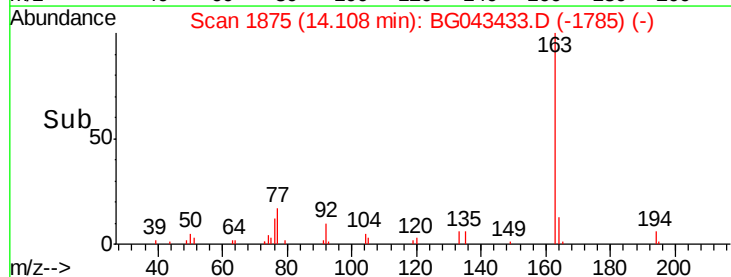
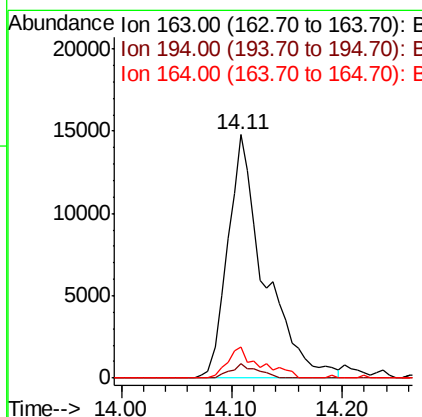
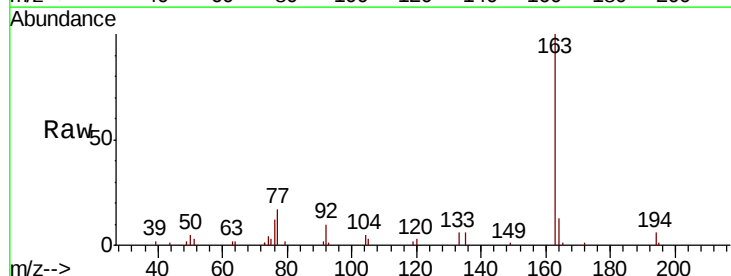
Instrument :
BNA_G
ClientSampleId :
Z3-22B

Tot Ion:172 Resp: 459320
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.2 18.8 28.2



#50
Dimethylphthalate
Concen: 4.467 ng
RT: 14.11 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

Tgt Ion:163 Resp: 34449
Ion Ratio Lower Upper
163 100
194 5.9 3.7 5.5#
164 12.7 8.1 12.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG043433.D

Acq: 31 Oct 2019 13:25

Instrument :

BNA_G

ClientSampleId :

Z3-22B

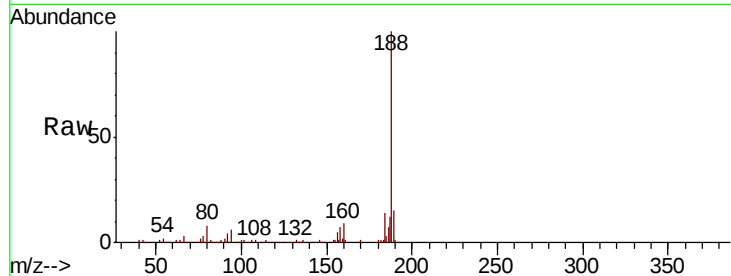
Tot Ion:188 Resp: 242695

Ion Ratio Lower Upper

188 100

94 5.8 4.2 6.2

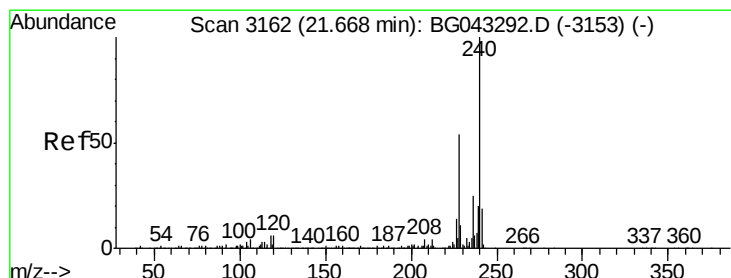
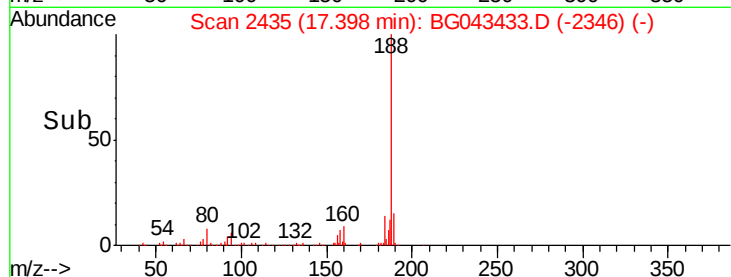
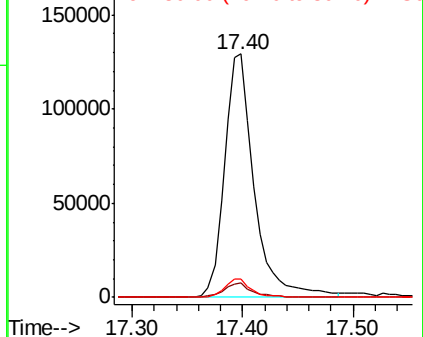
80 7.7 5.2 7.8



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. -0.00 min

Lab File: BG043433.D

Acq: 31 Oct 2019 13:25

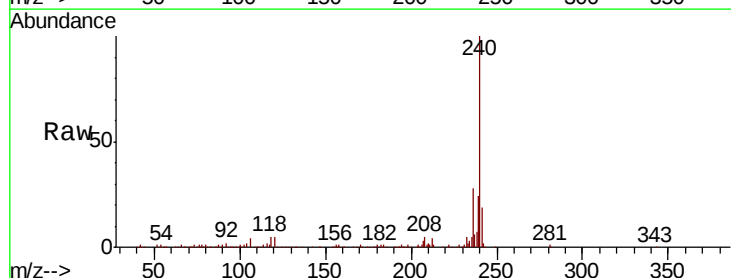
Tgt Ion:240 Resp: 268406

Ion Ratio Lower Upper

240 100

120 5.0 4.6 7.0

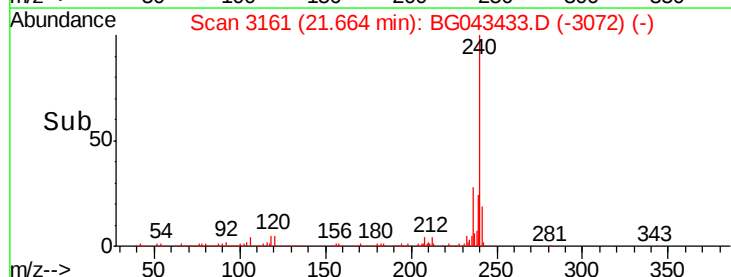
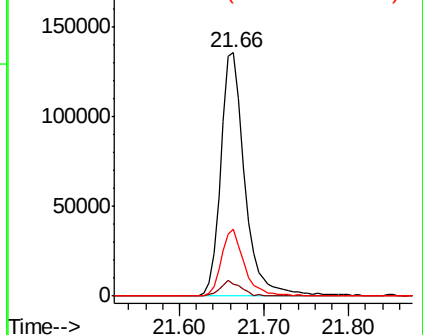
236 27.7 20.2 30.4

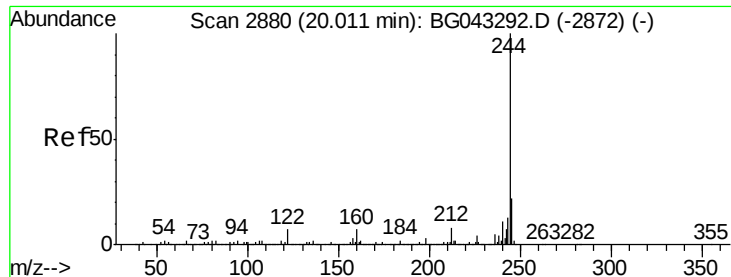


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.985 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG043433.D

Acq: 31 Oct 2019 13:25

Instrument :

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ClientSampleId :

Z3-22B

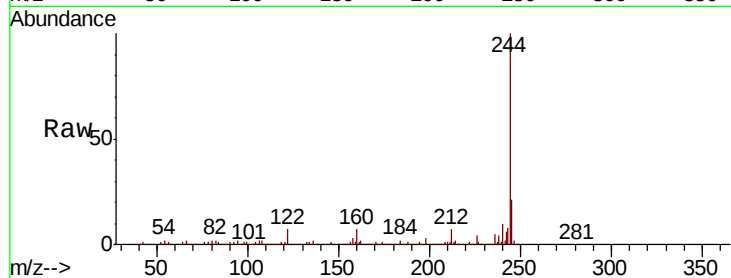
Tot Ion:244 Resp: 958346

Ion Ratio Lower Upper

244 100

212 6.9 6.4 9.6

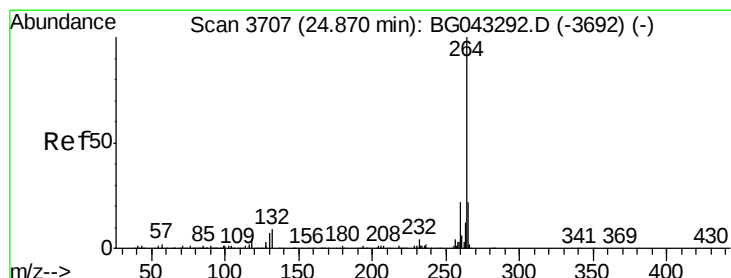
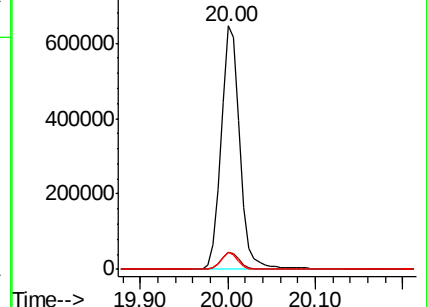
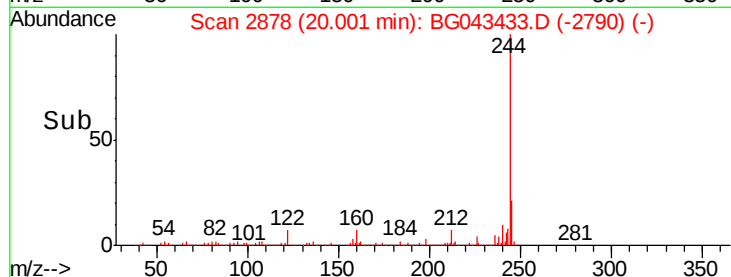
122 6.8 5.3 7.9



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: BG043433.D

Acq: 31 Oct 2019 13:25

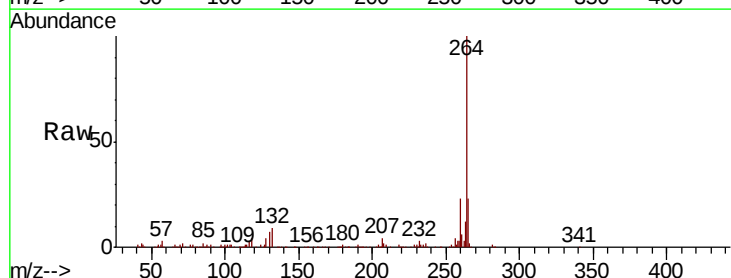
Tgt Ion:264 Resp: 307866

Ion Ratio Lower Upper

264 100

260 22.7 17.9 26.9

265 22.6 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

