

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
 Data File : BG043355.D
 Acq On : 28 Oct 2019 18:18
 Operator : JU
 Sample : PB124295BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124295BL

Quant Time: Oct 29 13:32:26 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	8.03	152	38572	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	130873	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	108505	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	260316	20.00	ng	0.00
76) Chrysene-d12	21.66	240	294162	20.00	ng	0.00
87) Perylene-d12	24.86	264	342705	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	145744	69.24	ng	0.01
7) Phenol-d6	7.22	99	196067	64.74	ng	0.01
23) Nitrobenzene-d5	9.19	82	119403	47.04	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	158871	76.94	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	341083	43.44	ng	0.00
79) Terphenyl-d14	20.01	244	1629102	103.90	ng	0.00

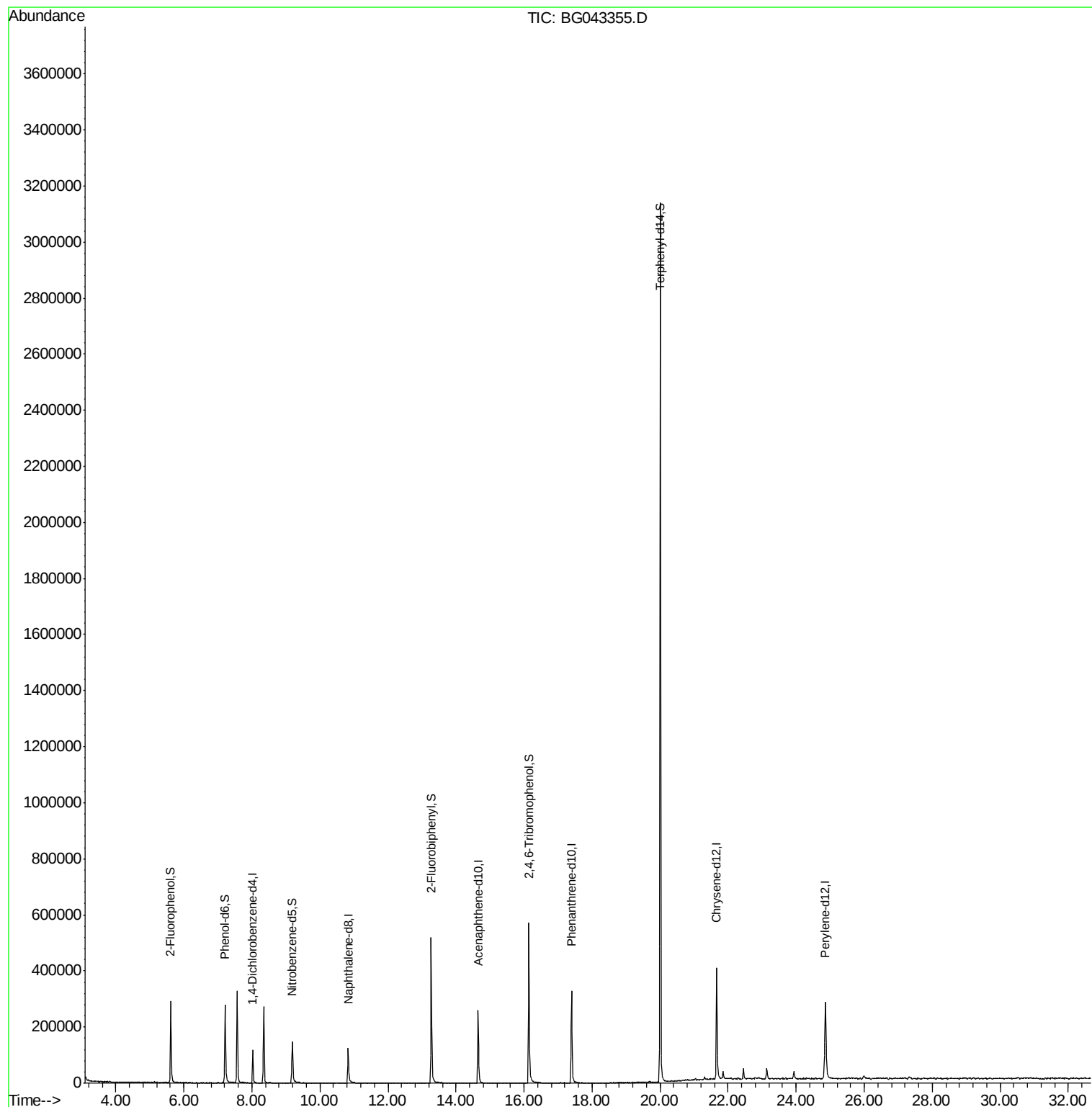
Target Compounds Qvalue

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

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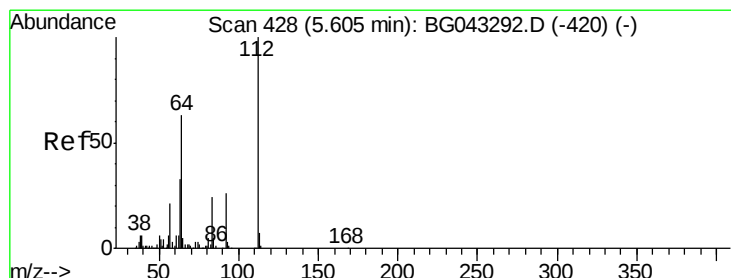
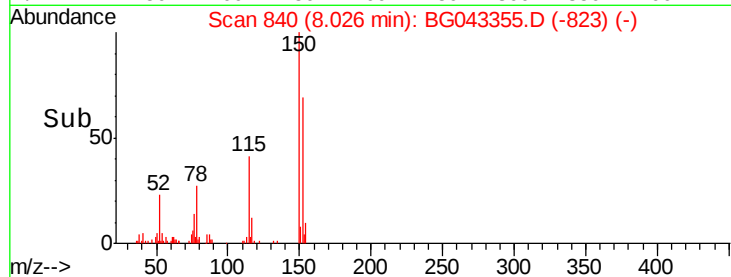
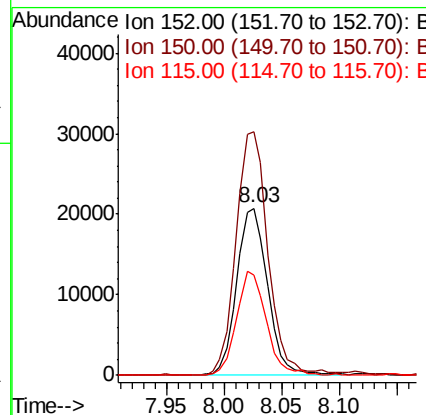
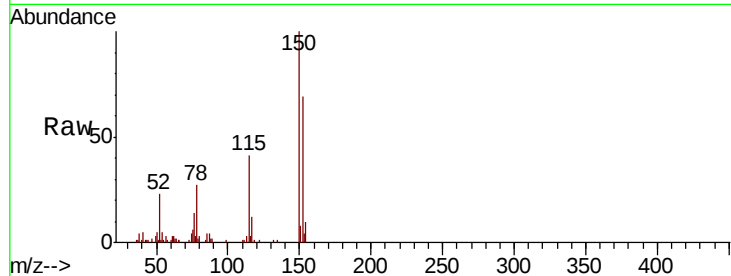


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG043355.D
Acq: 28 Oct 2019 18:18

Instrument :
BNA_G
ClientSampleId :
PB124295BL

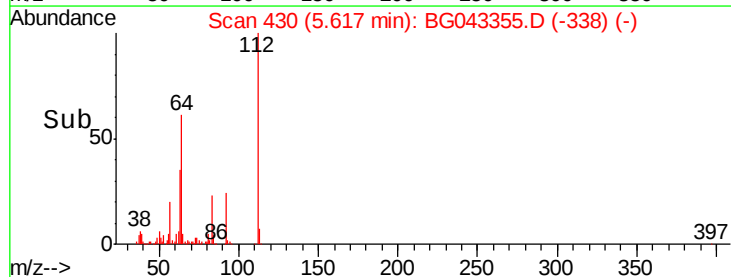
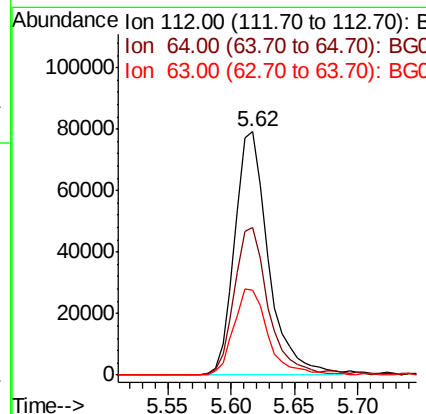
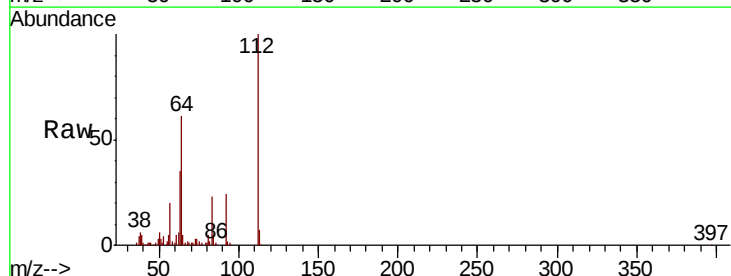
Tot Ion:152 Resp: 38572
Ion Ratio Lower Upper
152 100
150 145.8 113.6 170.4
115 59.7 45.9 68.9



#5

2-Fluorophenol
Concen: 69.239 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043355.D
Acq: 28 Oct 2019 18:18

Tgt Ion:112 Resp: 145744
Ion Ratio Lower Upper
112 100
64 60.8 50.2 75.2
63 34.7 26.7 40.1





#7

Phenol-d6

Concen: 64.740 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043355.D

Acq: 28 Oct 2019 18:18

Instrument :

BNA_G

ClientSampleId :

PB124295BL

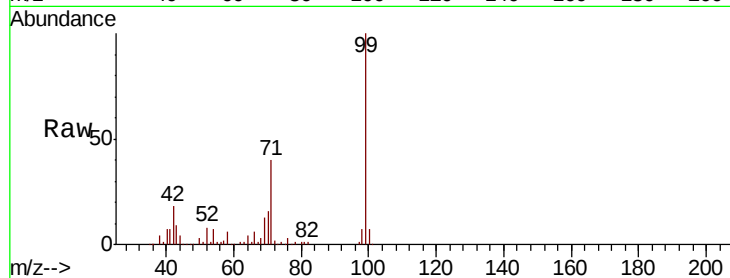
Tot Ion: 99 Resp: 196067

Ion Ratio Lower Upper

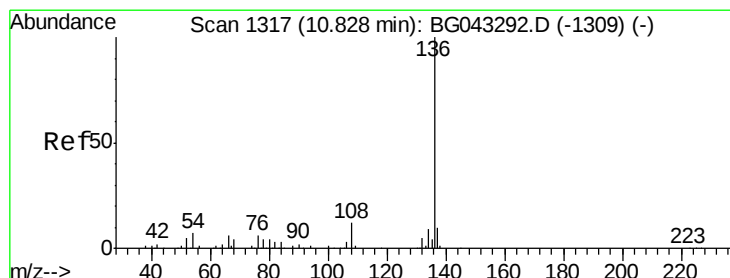
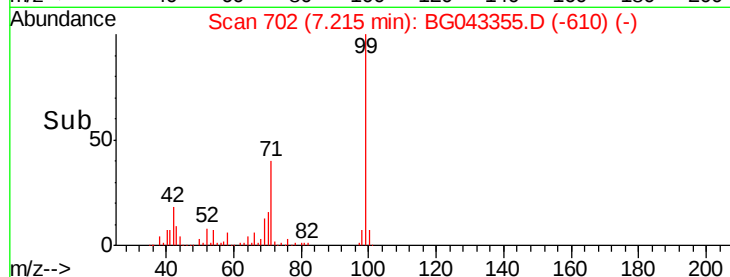
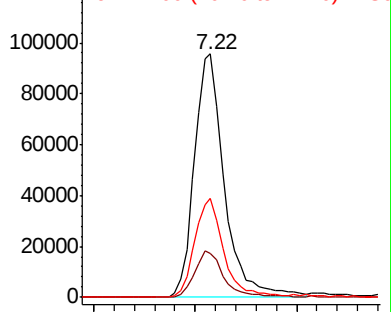
99 100

42 18.1 14.9 22.3

71 40.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG043355.D

Acq: 28 Oct 2019 18:18

Tgt Ion: 136 Resp: 130873

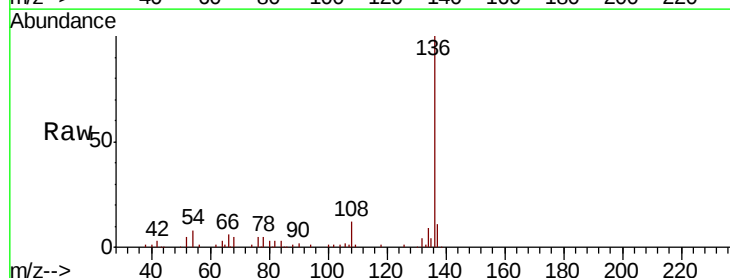
Ion Ratio Lower Upper

136 100

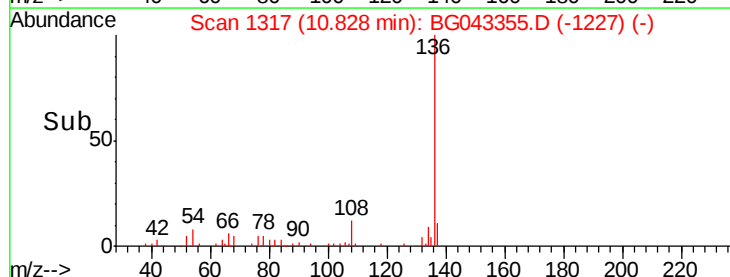
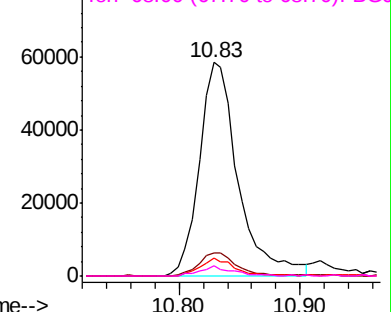
137 10.7 8.2 12.2

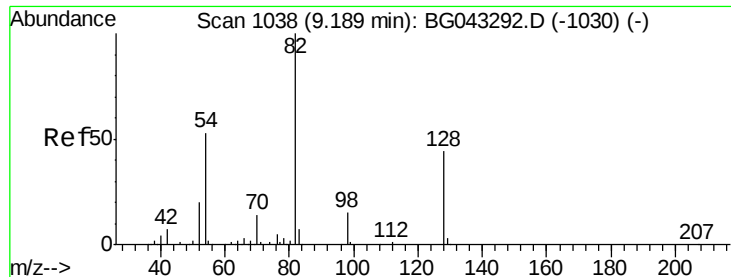
54 8.3 5.4 8.2#

68 4.7 3.3 4.9



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

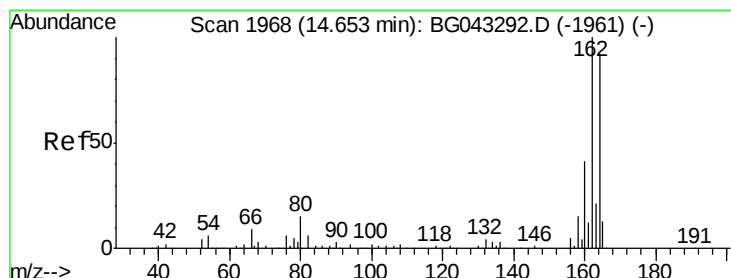
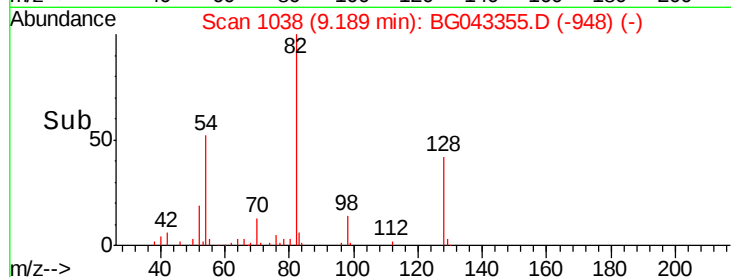
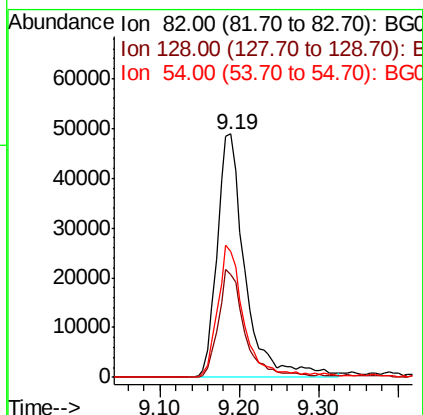
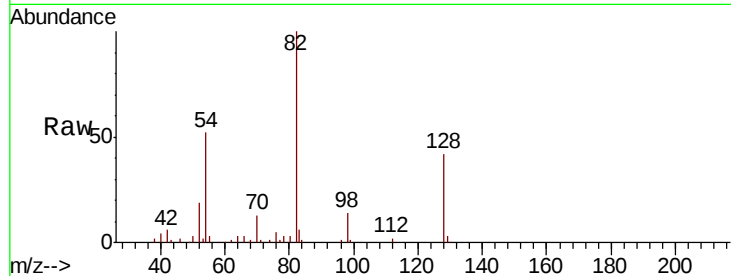




#23
Nitrobenzene-d5
Concen: 47.036 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG043355.D
Acq: 28 Oct 2019 18:18

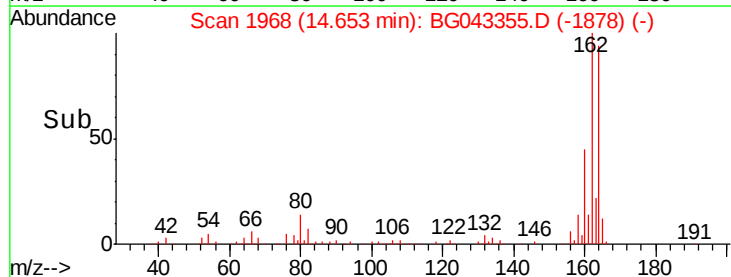
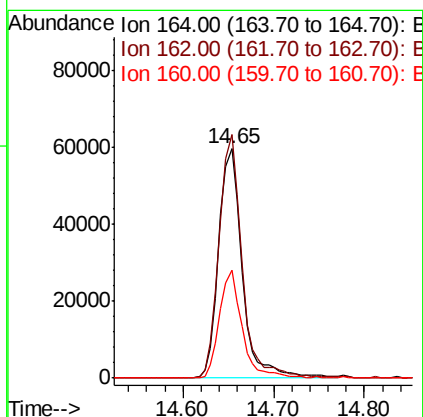
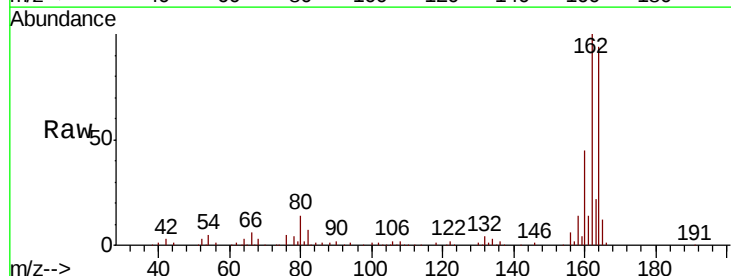
Instrument :
BNA_G
ClientSampleId :
PB124295BL

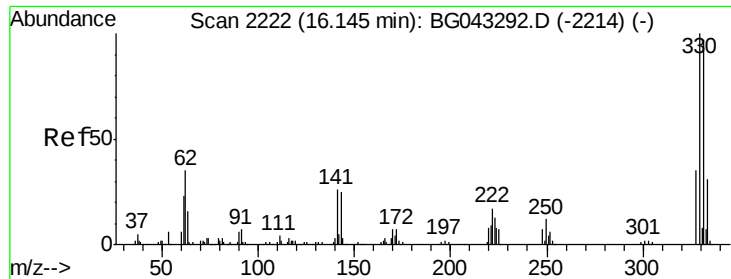
Tot Ion	82	Resp	119403
Ion Ratio	100	Lower	Upper
128	42.0	35.3	52.9
54	51.8	42.3	63.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG043355.D
Acq: 28 Oct 2019 18:18

Tgt Ion	164	Resp	108505
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	106.3	87.0	130.4
160	47.3	35.5	53.3

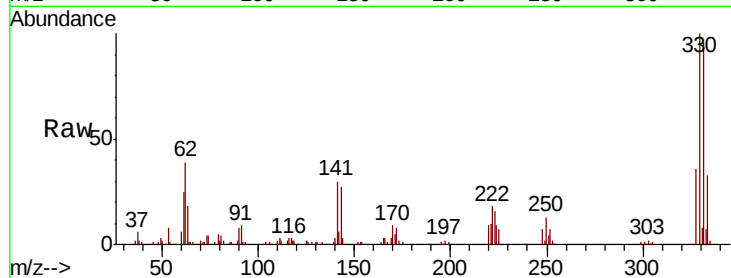




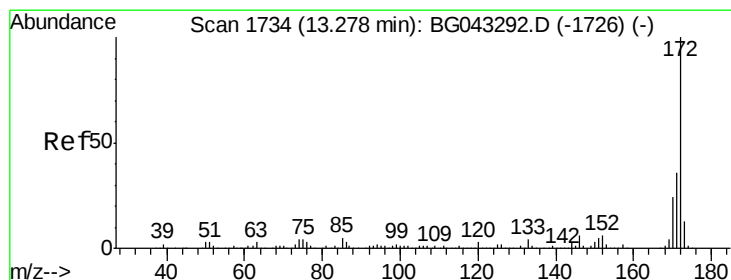
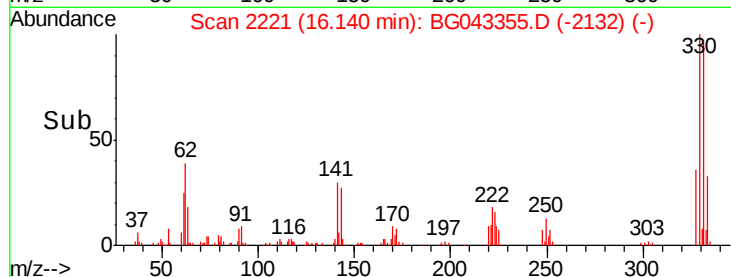
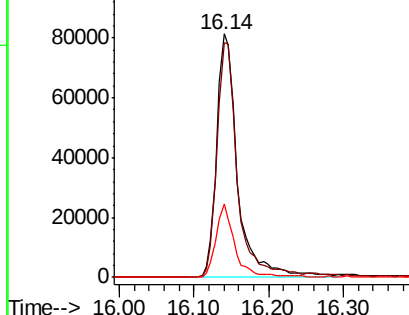
#42
 2,4,6-Tribromophenol
 Concen: 76.941 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043355.D
 Acq: 28 Oct 2019 18:18

Instrument :
 BNA_G
 ClientSampleId :
 PB124295BL

Tot Ion:330 Resp: 158871
 Ion Ratio Lower Upper
 330 100
 332 93.7 76.4 114.6
 141 27.3 21.4 32.0

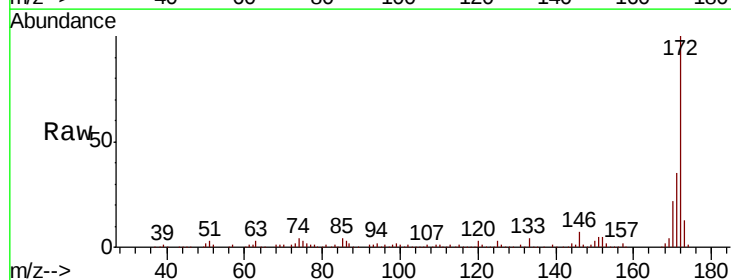


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

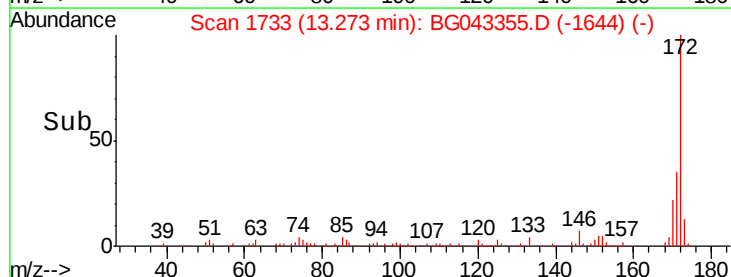
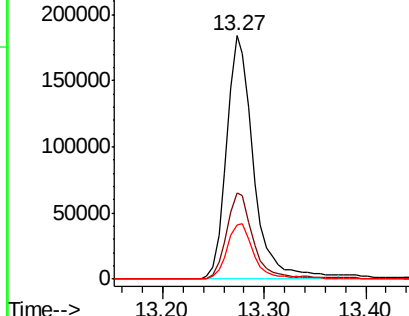


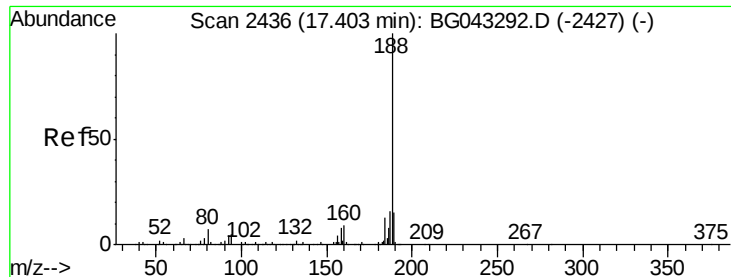
#45
 2-Fluorobiphenyl
 Concen: 43.437 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043355.D
 Acq: 28 Oct 2019 18:18

Tgt Ion:172 Resp: 341083
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 22.3 18.8 28.2



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043355.D

Acq: 28 Oct 2019 18:18

Instrument :

BNA_G

ClientSampleId :

PB124295BL

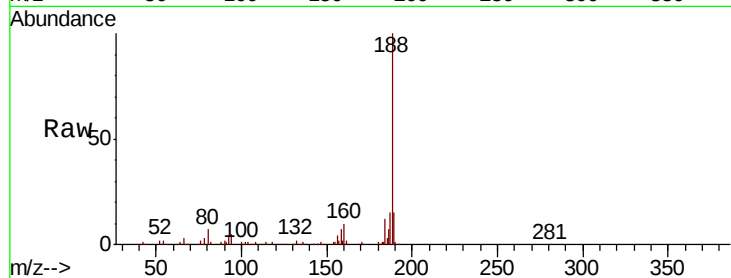
Tot Ion:188 Resp: 260316

Ion Ratio Lower Upper

188 100

94 5.0 4.2 6.2

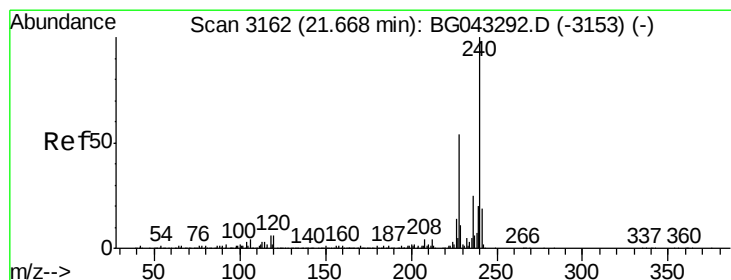
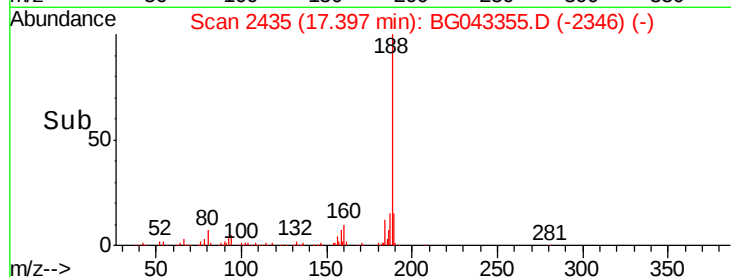
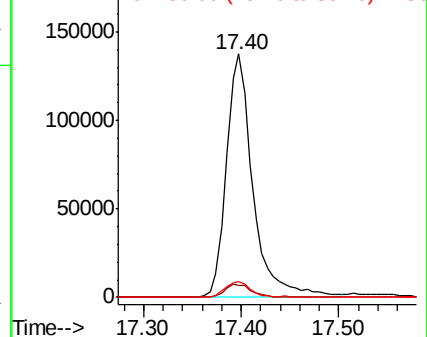
80 6.6 5.2 7.8



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: BG043355.D

Acq: 28 Oct 2019 18:18

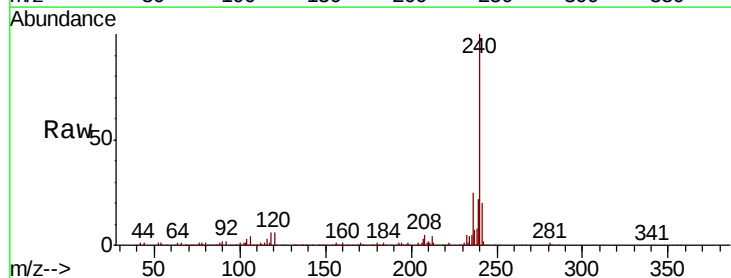
Tgt Ion:240 Resp: 294162

Ion Ratio Lower Upper

240 100

120 6.3 4.6 7.0

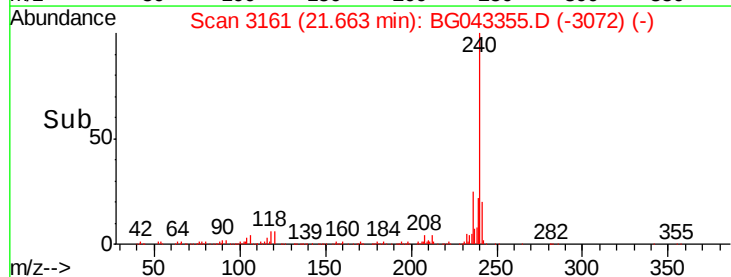
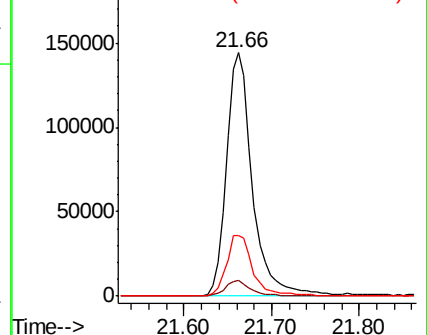
236 24.9 20.2 30.4

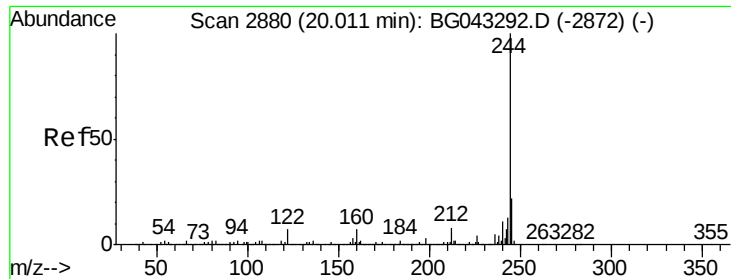


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 103.898 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043355.D

Acq: 28 Oct 2019 18:18

Instrument :

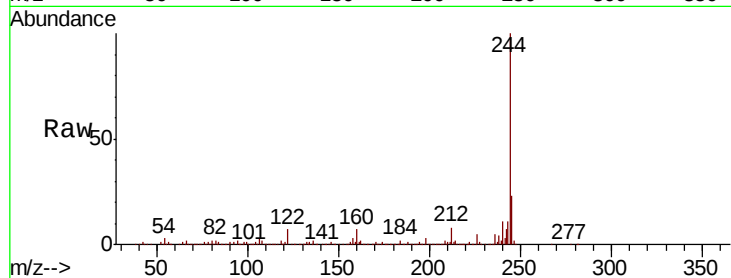
BNA_G

ClientSampleId :

PB124295BL

Tot Ion:244 Resp: 1629102

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	7.0	5.3	7.9

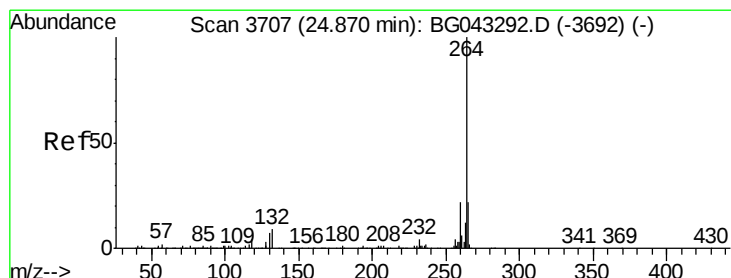
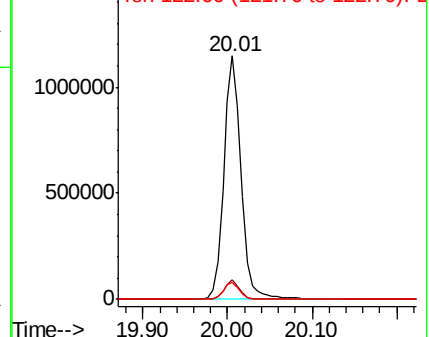
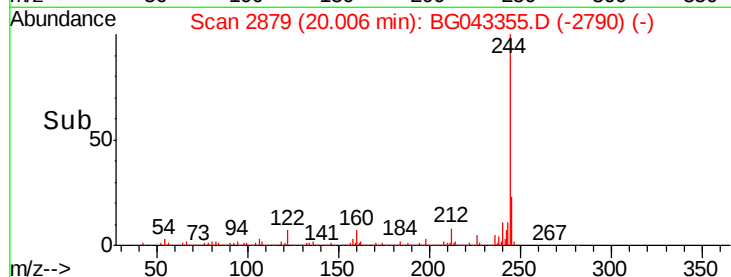


Abundance

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

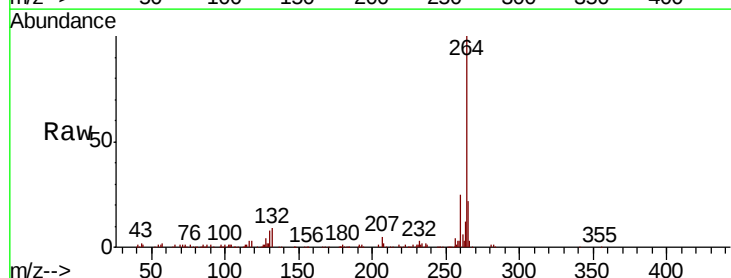
Delta R.T. -0.01 min

Lab File: BG043355.D

Acq: 28 Oct 2019 18:18

Tgt Ion:264 Resp: 342705

Ion	Ratio	Lower	Upper
264	100		
260	25.1	17.9	26.9
265	22.4	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

