

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043652.D
 Acq On : 15 Nov 2019 8:56
 Operator : JU
 Sample : K5668-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-111319

Quant Time: Nov 15 10:12:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	29336	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	104423	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	84044	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	190231	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	207199	20.00	ng	-0.01
87) Perylene-d12	24.83	264	238519	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	232631	145.31	ng	0.00
7) Phenol-d6	7.20	99	308505	133.94	ng	0.00
23) Nitrobenzene-d5	9.16	82	195107	96.33	ng	-0.01
42) 2,4,6-Tribromophenol	16.12	330	182698	114.23	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	550207	90.46	ng	-0.01
79) Terphenyl-d14	19.99	244	1071467	97.01	ng	-0.01

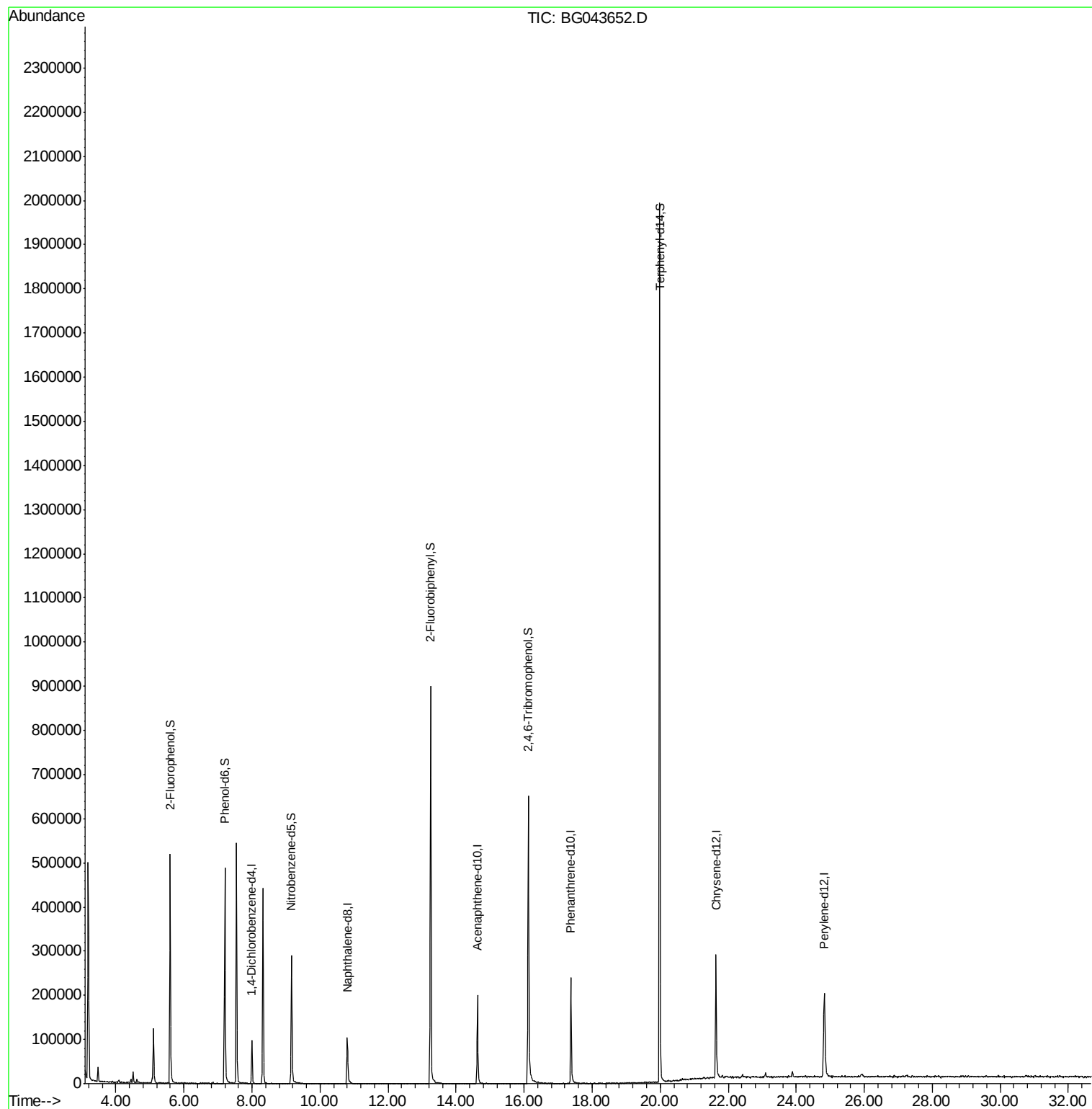
Target Compounds Qvalue

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

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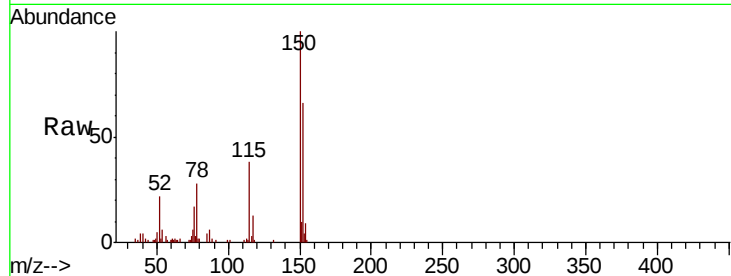


#1

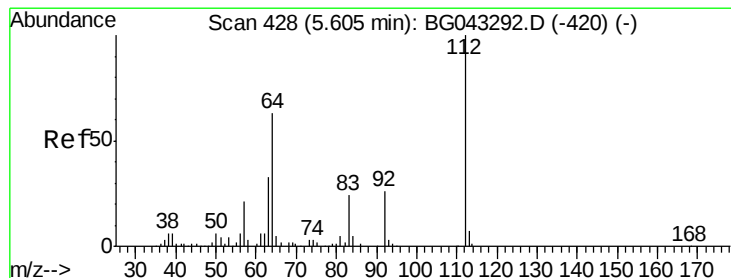
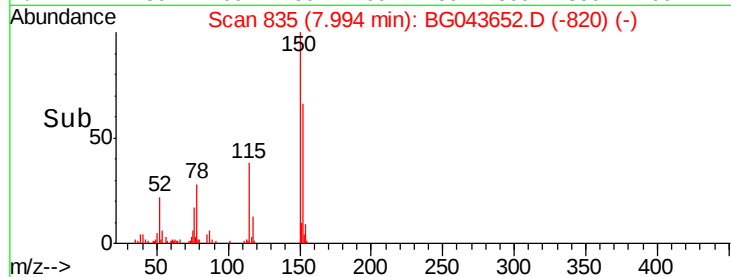
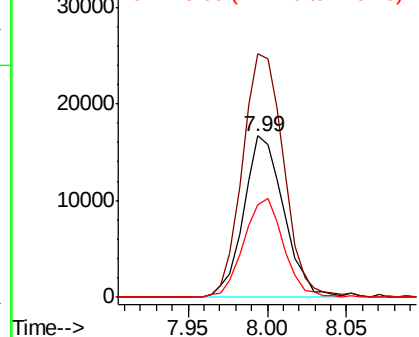
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	129.4	194.0
115	57.8	48.8	73.2



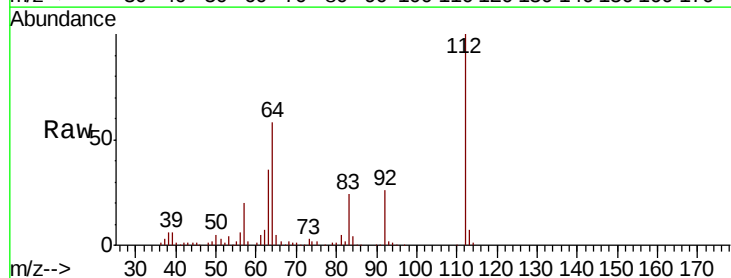
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



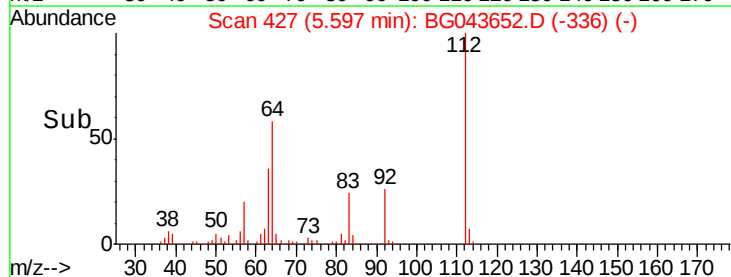
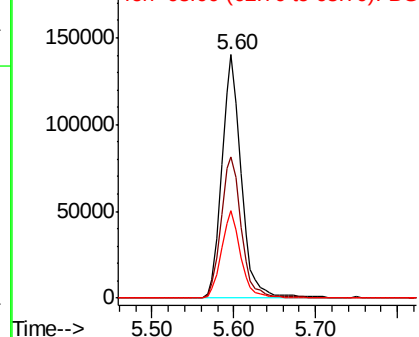
#5

2-Fluorophenol
Concen: 145.311 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	50.0	75.0
63	36.1	26.6	40.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 133.938 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043652.D

Acq: 15 Nov 2019 8:56

Instrument :

BNA_G

ClientSampleId :

HD-02-111319

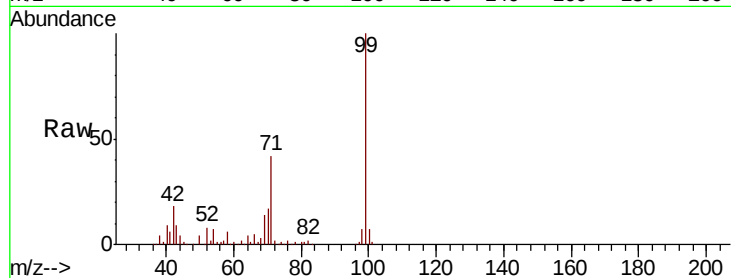
Tot Ion: 99 Resp: 308505

Ion Ratio Lower Upper

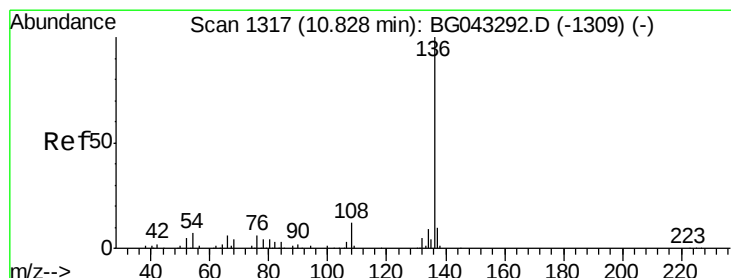
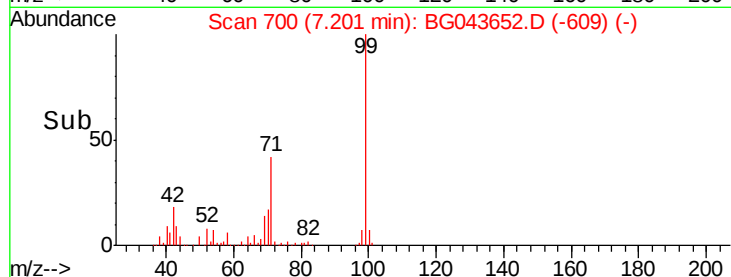
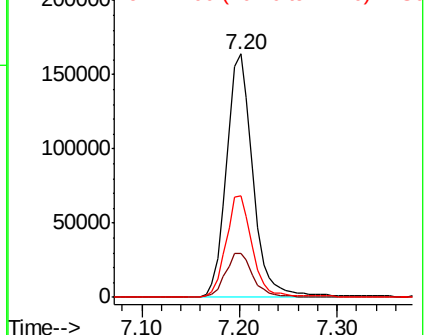
99 100

42 18.2 14.6 21.8

71 41.6 32.5 48.7



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: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG043652.D

Acq: 15 Nov 2019 8:56

Tgt Ion: 136 Resp: 104423

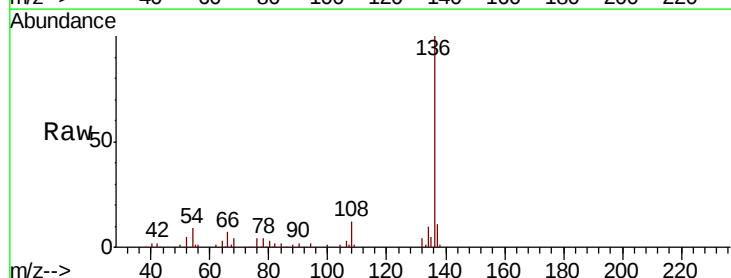
Ion Ratio Lower Upper

136 100

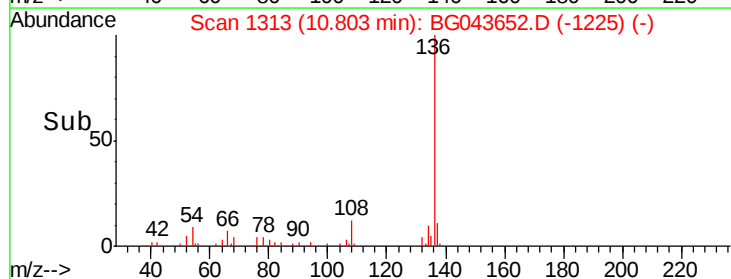
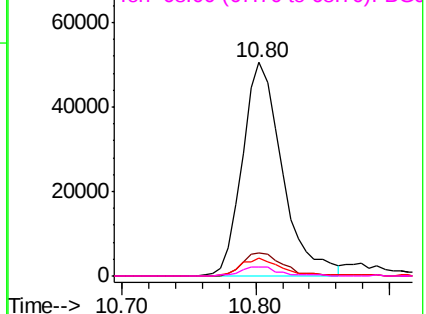
137 10.7 8.7 13.1

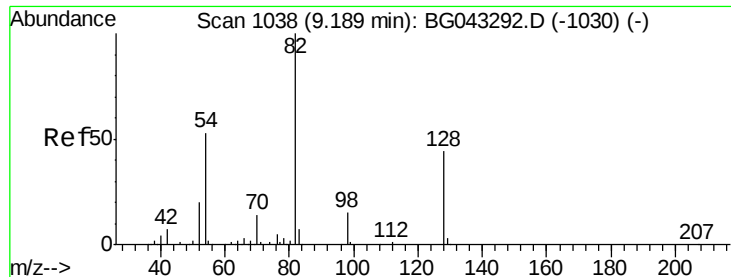
54 8.5 5.4 8.2#

68 4.2 3.0 4.4



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

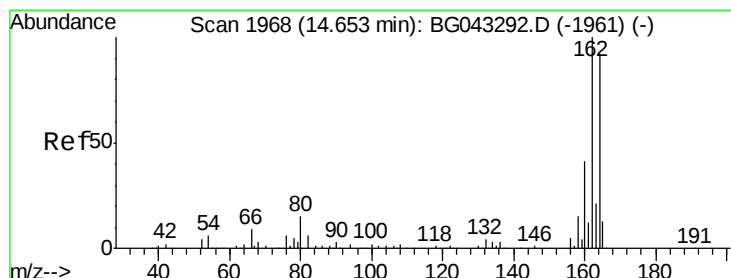
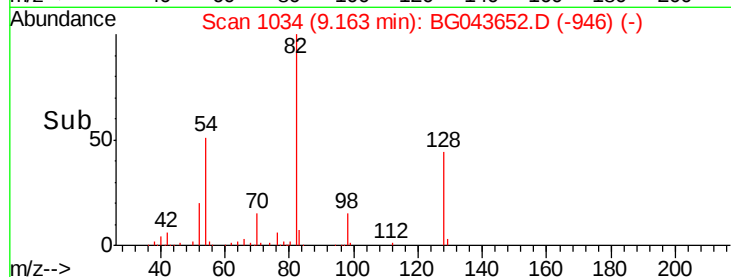
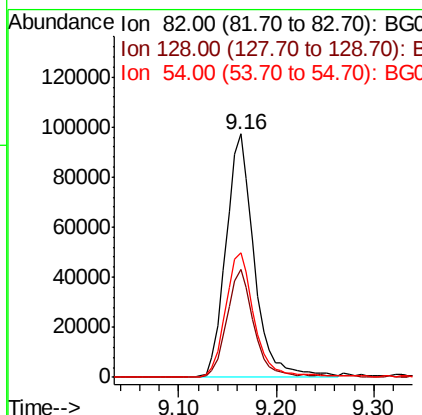
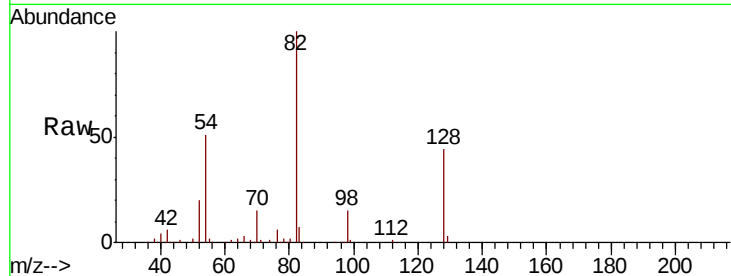




#23
Nitrobenzene-d5
Concen: 96.326 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

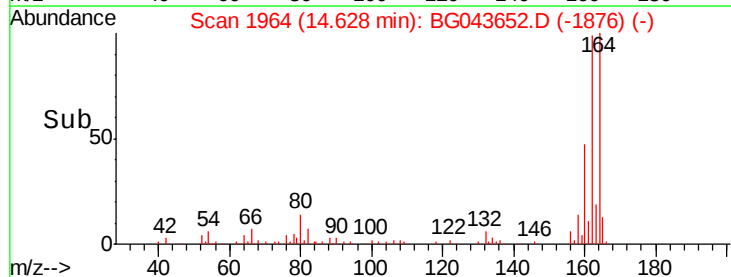
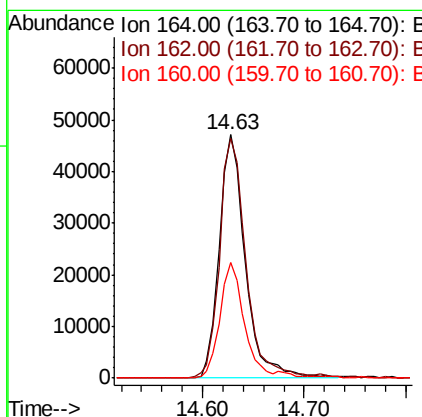
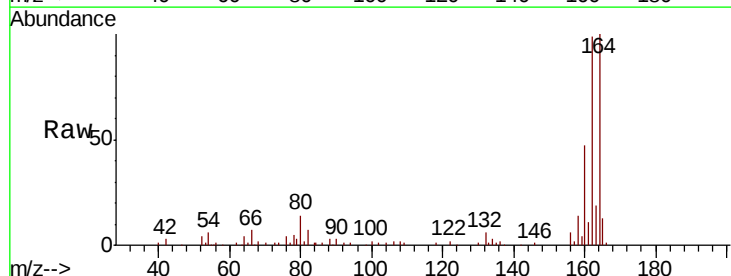
Instrument :
BNA_G
ClientSampleId :
HD-02-111319

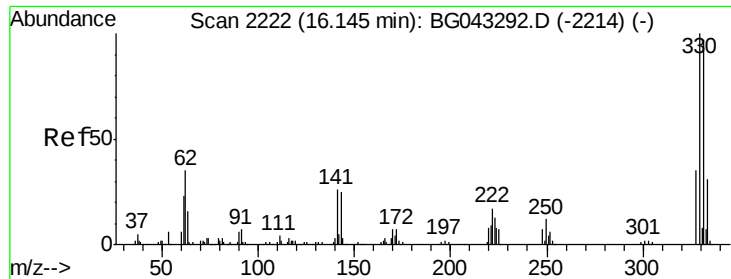
Tot Ion: 82 Resp: 195107
Ion Ratio Lower Upper
82 100
128 44.1 35.0 52.6
54 51.2 40.2 60.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Tgt Ion: 164 Resp: 84044
Ion Ratio Lower Upper
164 100
162 98.6 83.5 125.3
160 47.4 36.5 54.7

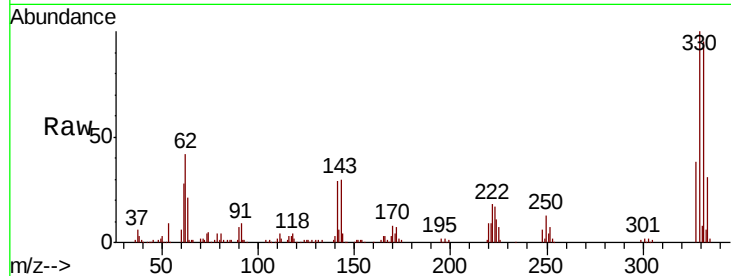




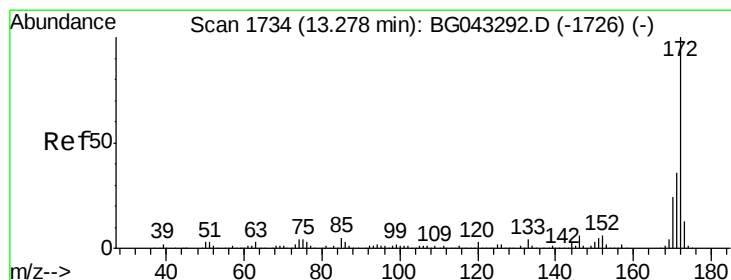
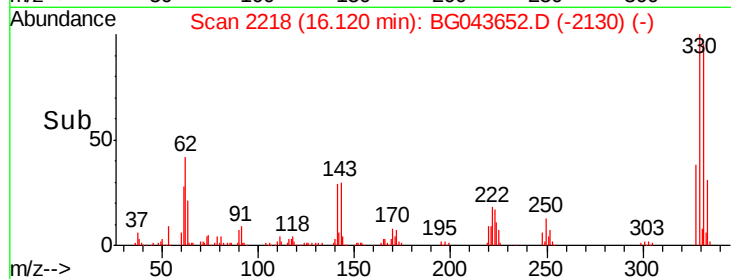
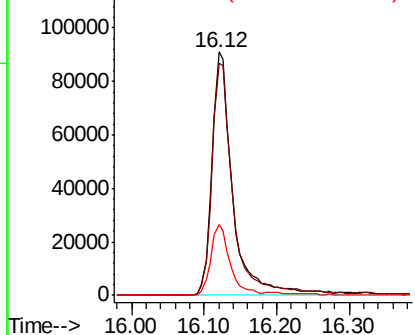
#42
 2,4,6-Tribromophenol
 Concen: 114.232 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BG043652.D
 Acq: 15 Nov 2019 8:56

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-111319

Tot Ion:330 Resp: 182698
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.0
 141 26.6 22.8 34.2

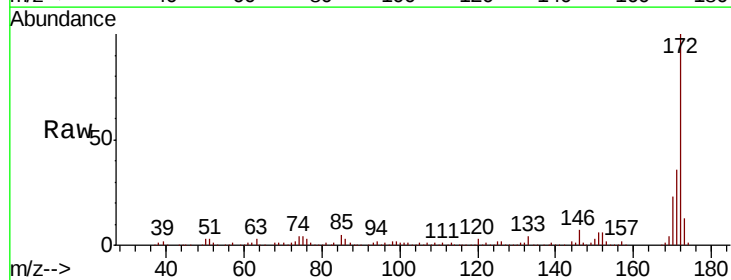


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

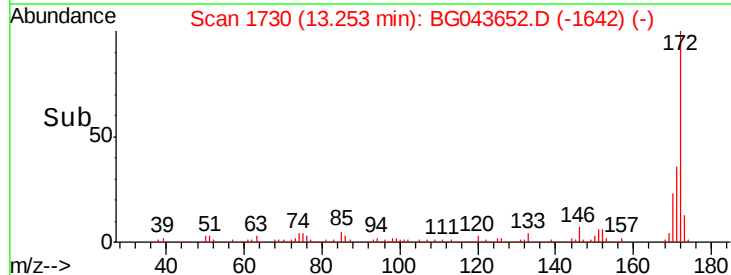
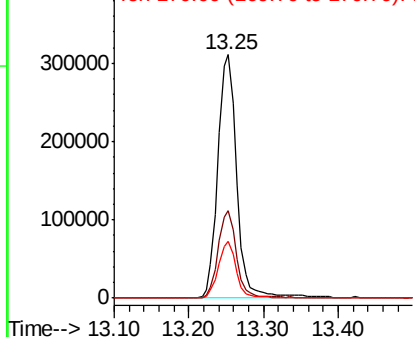


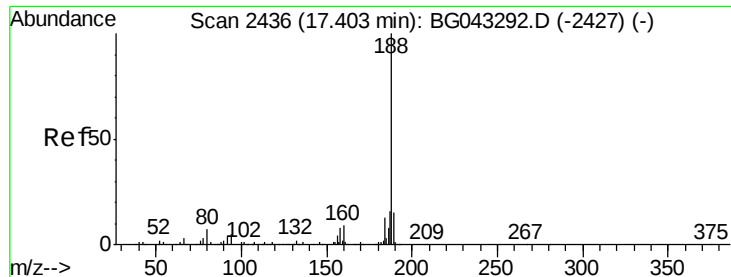
#45
 2-Fluorobiphenyl
 Concen: 90.462 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG043652.D
 Acq: 15 Nov 2019 8:56

Tgt Ion:172 Resp: 550207
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 23.2 18.5 27.7



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

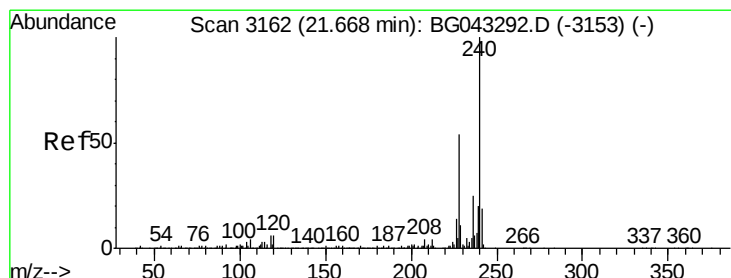
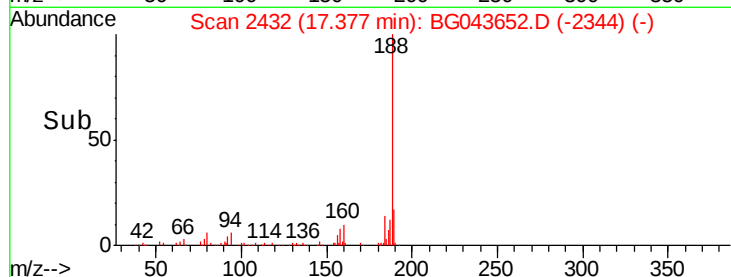
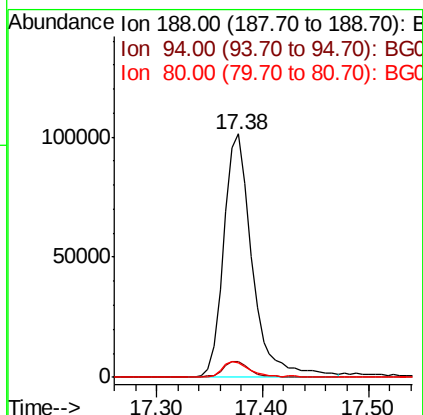
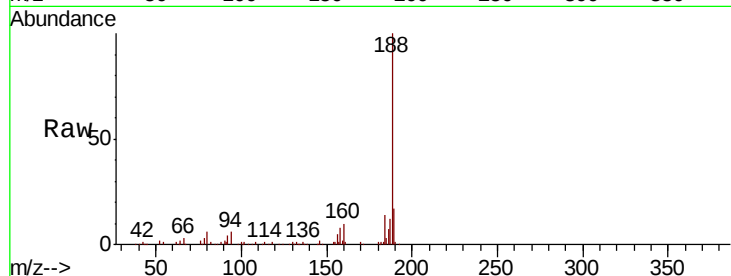




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

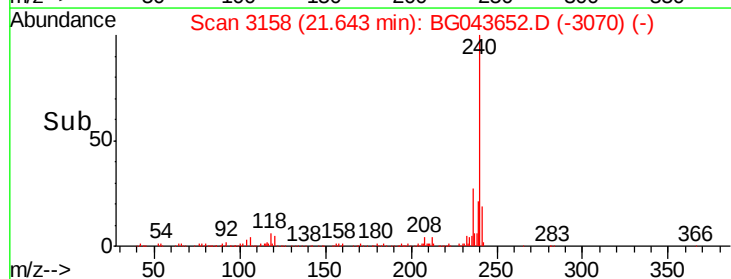
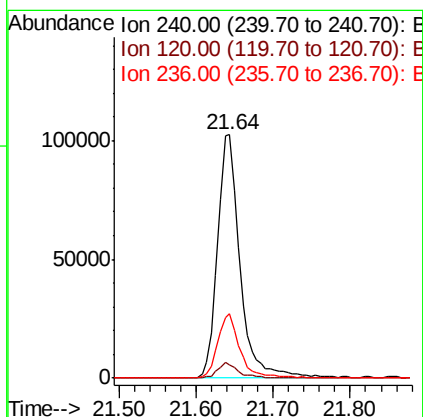
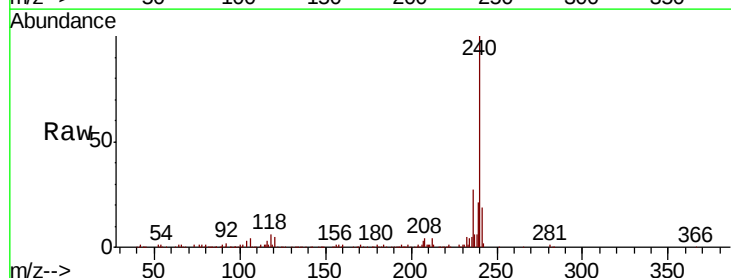
Instrument :
BNA_G
ClientSampleId :
HD-02-111319

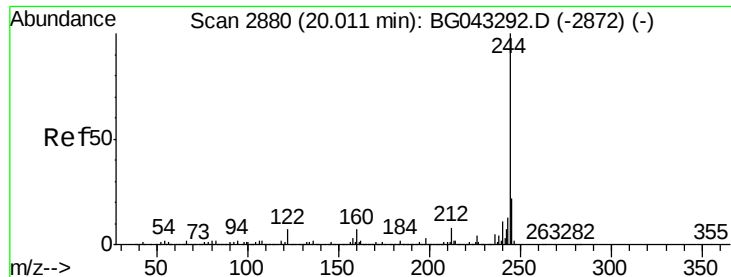
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.2	6.4
80	6.0	4.5	6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.6	6.8
236	26.5	19.8	29.8





#79

Terphenyl-d14

Concen: 97.015 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043652.D

Acq: 15 Nov 2019 8:56

Instrument :

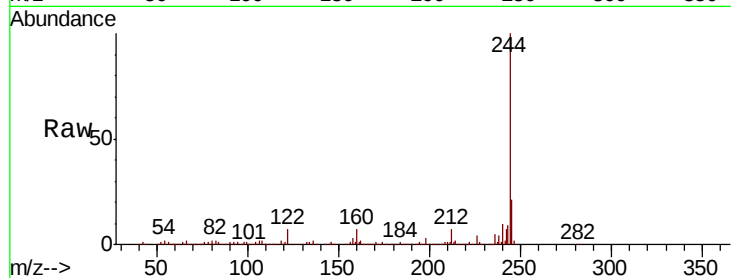
BNA_G

ClientSampleId :

HD-02-111319

Tot Ion:244 Resp: 1071467

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	6.7	5.4	8.2

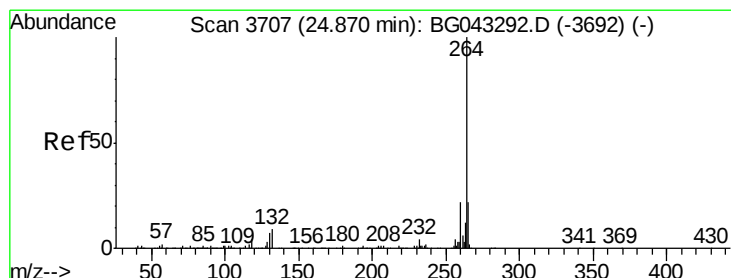
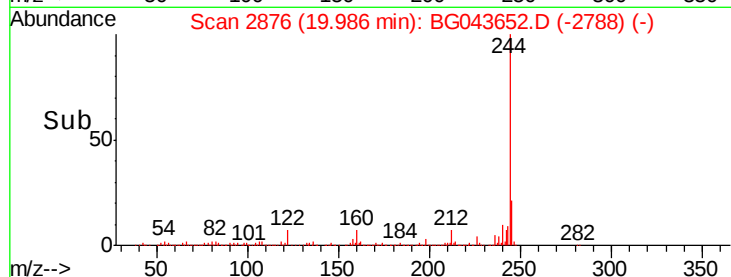
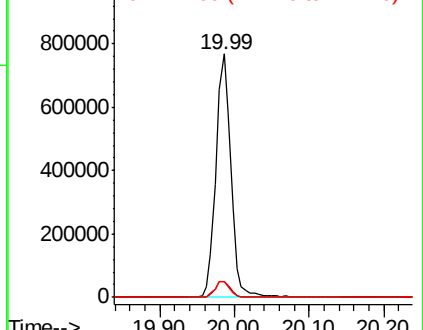


Abundance

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: 24.83 min Scan# 3700

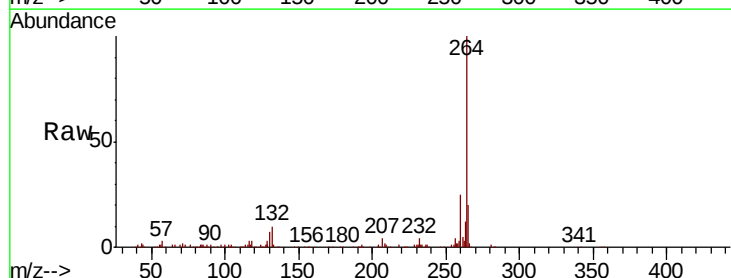
Delta R.T. -0.03 min

Lab File: BG043652.D

Acq: 15 Nov 2019 8:56

Tgt Ion:264 Resp: 238519

Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.5	26.3
265	20.2	17.4	26.0



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

