

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102319\
 Data File : BG043315.D
 Acq On : 23 Oct 2019 19:19
 Operator : JU
 Sample : K5139-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119

Quant Time: Oct 24 07:01:42 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

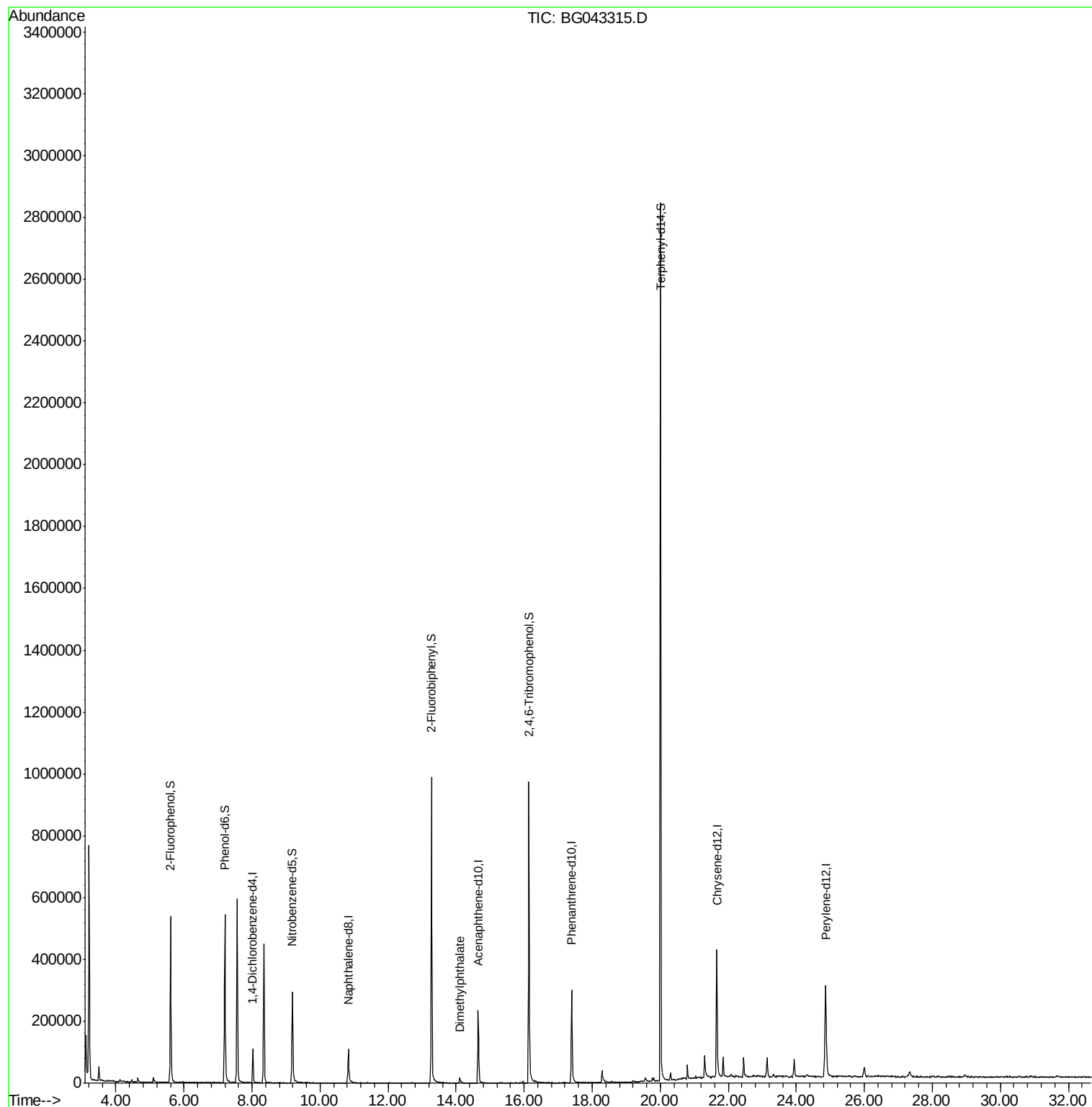
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	35498	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	114517	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	90560	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	241189	20.00	ng	0.00
76) Chrysene-d12	21.67	240	299650	20.00	ng	0.00
87) Perylene-d12	24.86	264	346829	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	250098	129.10	ng	0.00
7) Phenol-d6	7.20	99	341048	122.36	ng	0.00
23) Nitrobenzene-d5	9.19	82	209376	94.26	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	248009	143.91	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	596801	91.06	ng	0.00
79) Terphenyl-d14	20.01	244	1492681	93.45	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	18734	2.671	ng	Qvalue # 94

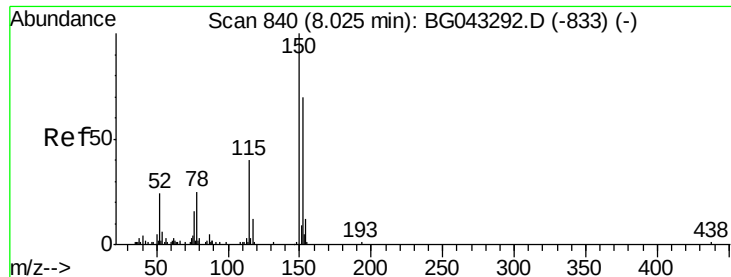
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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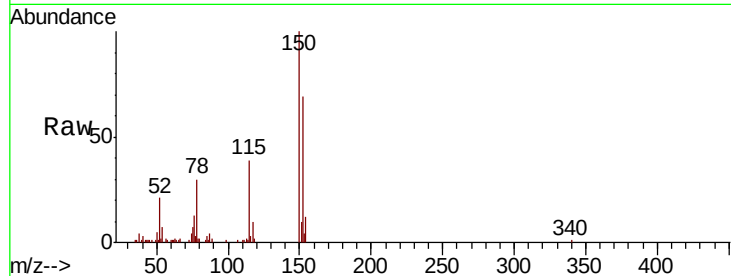


#1

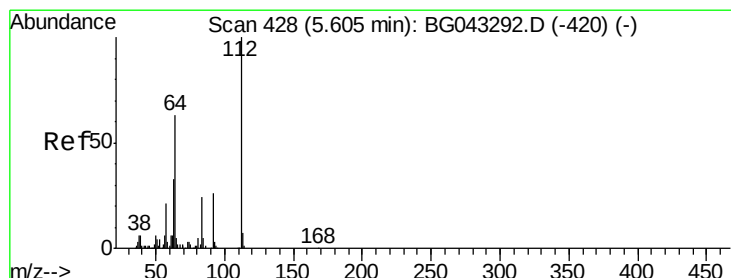
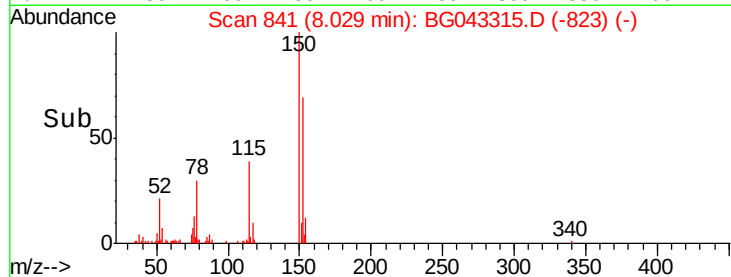
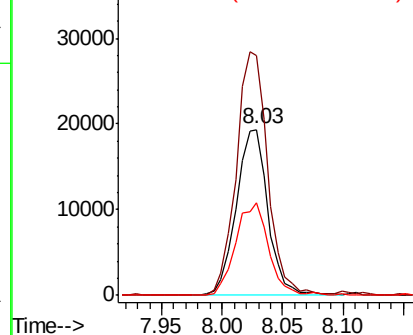
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BG043315.D
Acq: 23 Oct 2019 19:19

Instrument :
BNA_G
ClientSampleId :
BU-03-102119

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.8	113.6	170.4
115	56.1	45.9	68.9



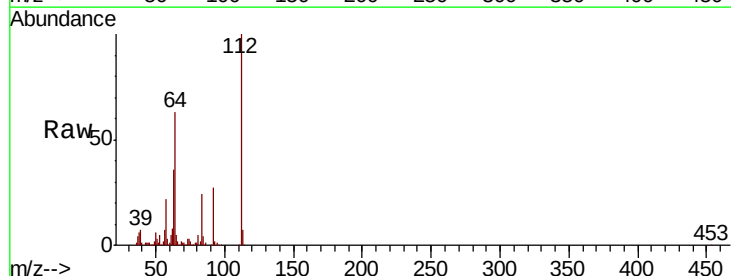
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



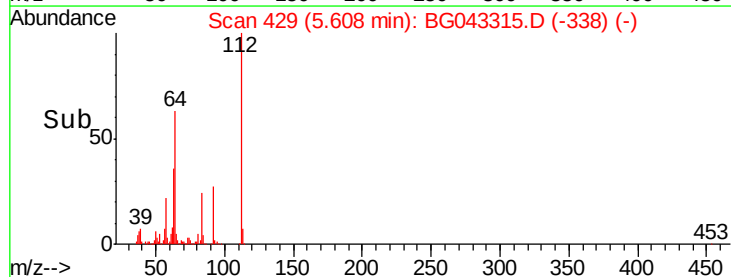
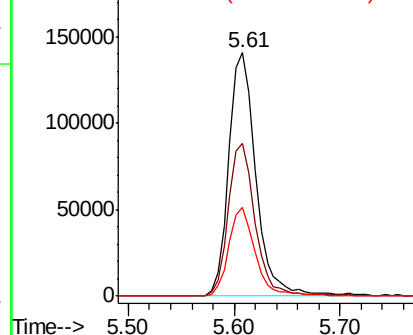
#5

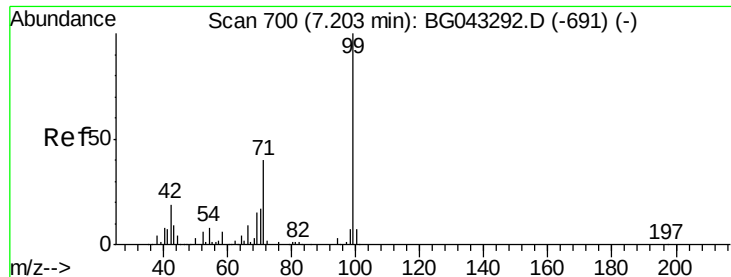
2-Fluorophenol
Concen: 129.103 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG043315.D
Acq: 23 Oct 2019 19:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	50.2	75.2
63	36.5	26.7	40.1



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





#7

Phenol-d6

Concen: 122.364 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043315.D

Acq: 23 Oct 2019 19:19

Instrument :

BNA_G

ClientSampleId :

BU-03-102119

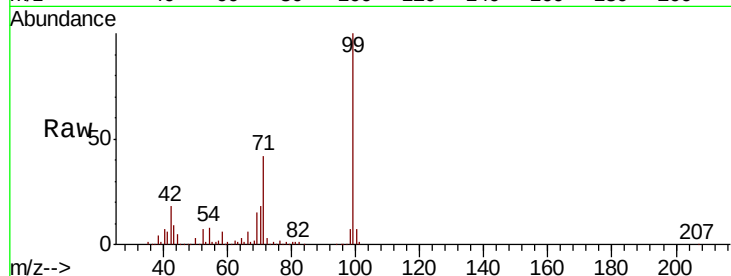
Tot Ion: 99 Resp: 341048

Ion Ratio Lower Upper

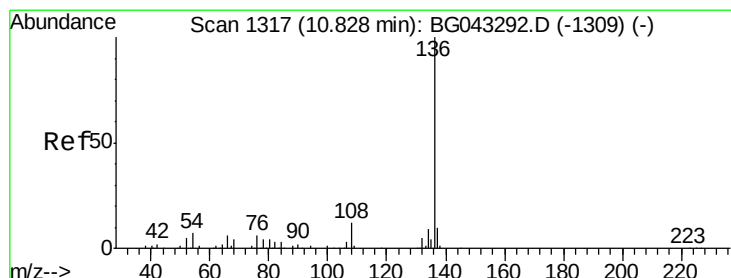
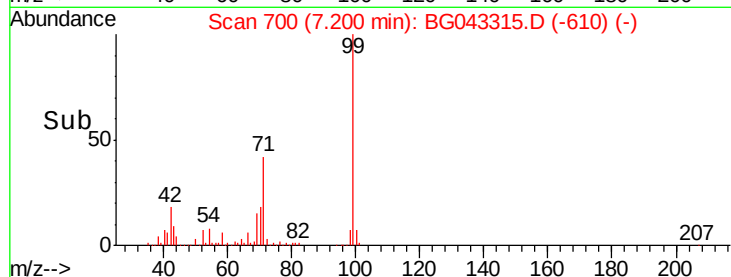
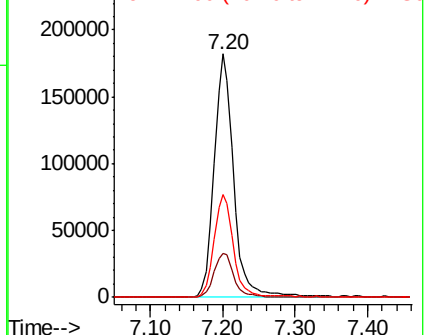
99 100

42 18.1 14.9 22.3

71 42.1 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# 1318

Delta R.T. 0.00 min

Lab File: BG043315.D

Acq: 23 Oct 2019 19:19

Tgt Ion: 136 Resp: 114517

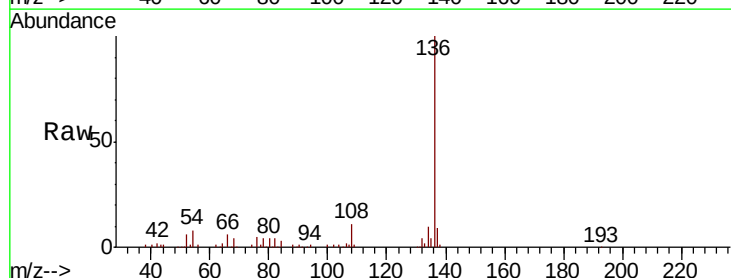
Ion Ratio Lower Upper

136 100

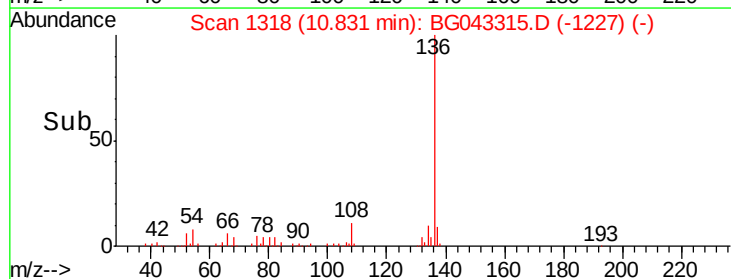
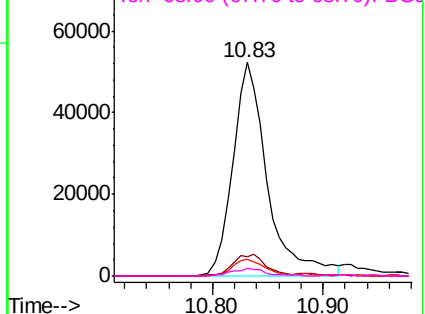
137 9.2 8.2 12.2

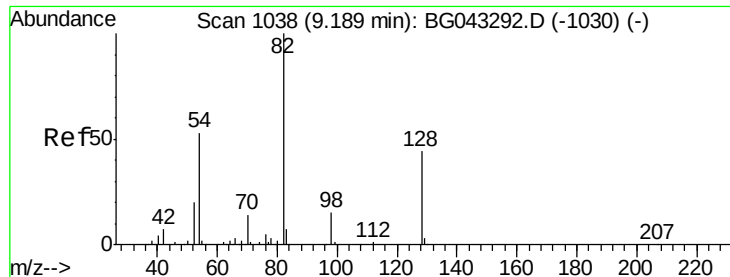
54 7.6 5.4 8.2

68 3.8 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

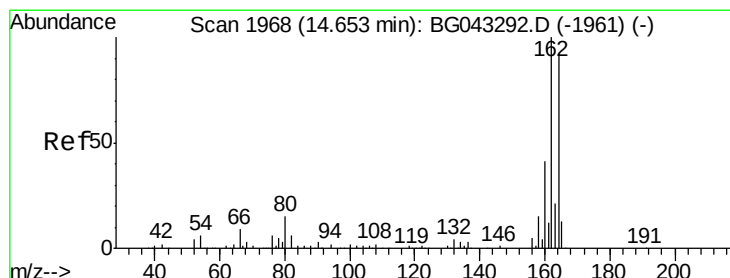
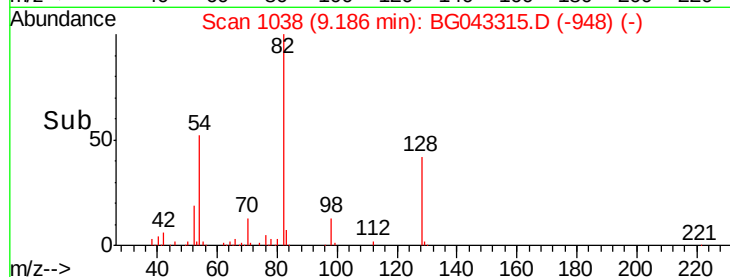
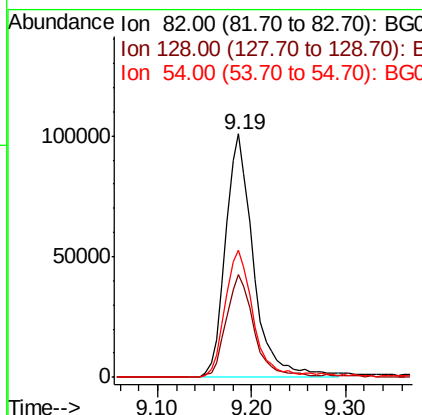
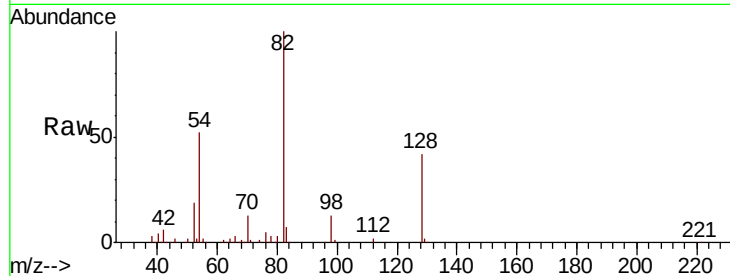




#23
 Nitrobenzene-d5
 Concen: 94.259 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043315.D
 Acq: 23 Oct 2019 19:19

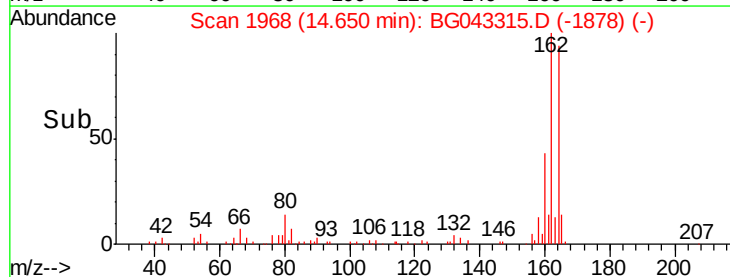
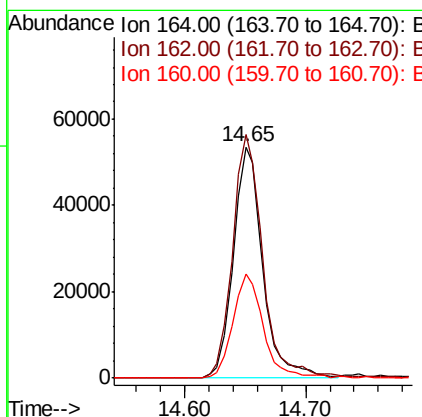
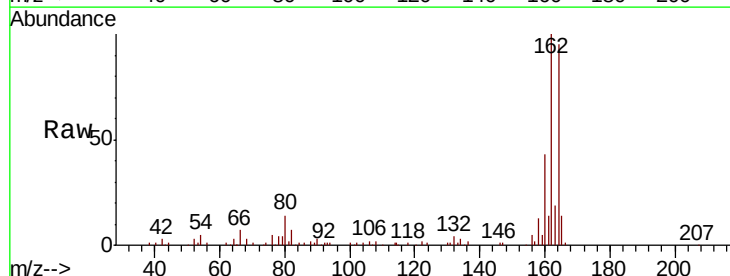
Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119

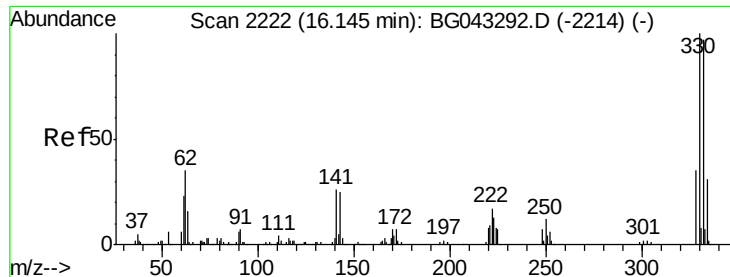
Tot Ion	82	Resp	209376
Ion Ratio	Lower	Upper	
82	100		
128	42.0	35.3	52.9
54	52.1	42.3	63.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG043315.D
 Acq: 23 Oct 2019 19:19

Tgt Ion	164	Resp	90560
Ion Ratio	Lower	Upper	
164	100		
162	105.3	87.0	130.4
160	44.9	35.5	53.3

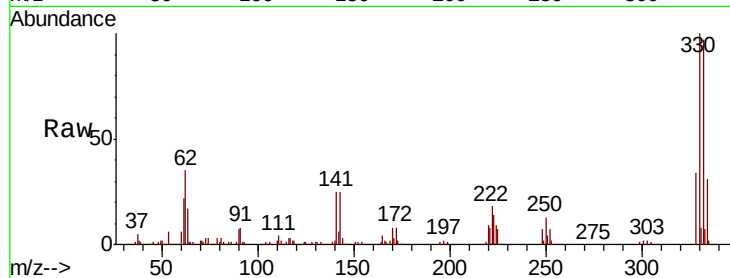




#42
 2,4,6-Tribromophenol
 Concen: 143.910 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG043315.D
 Acq: 23 Oct 2019 19:19

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.4	114.6
141	28.3	21.4	32.0

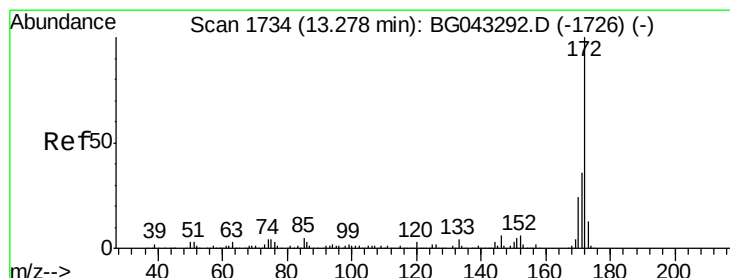
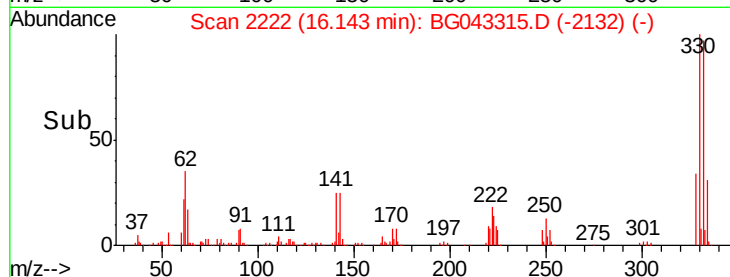
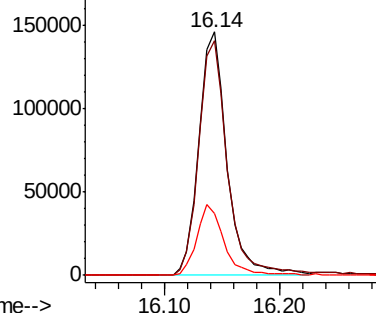


Abundance

Ion 329.80 (329.50 to 330.50): E

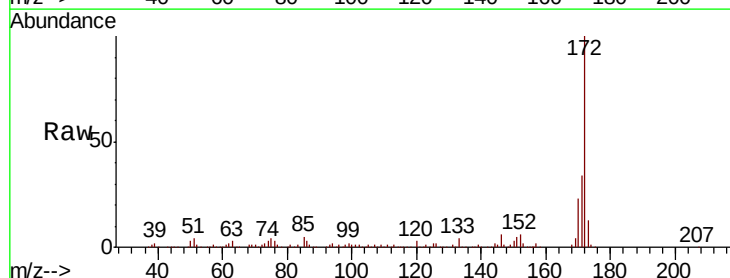
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.062 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043315.D
 Acq: 23 Oct 2019 19:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.5	42.7
170	23.1	18.8	28.2

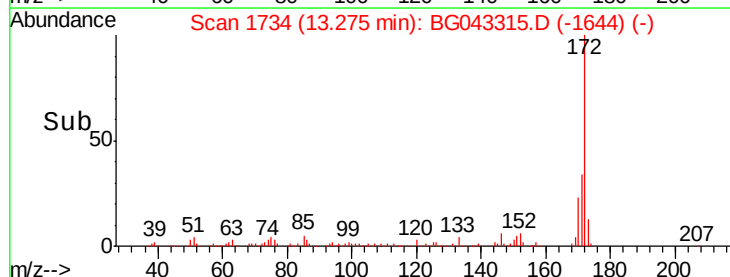
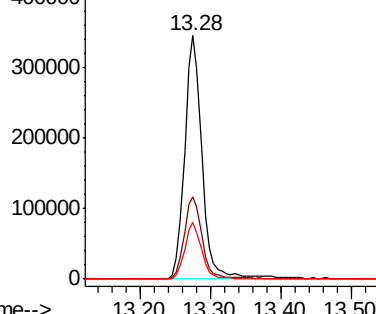


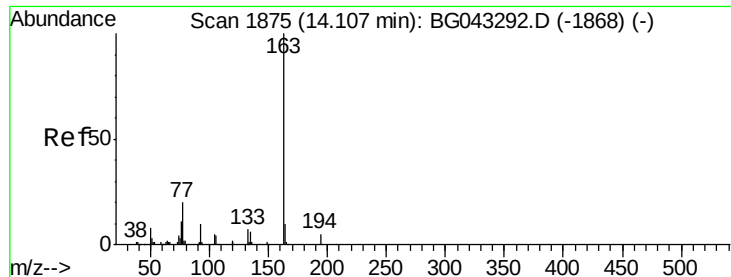
Abundance

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

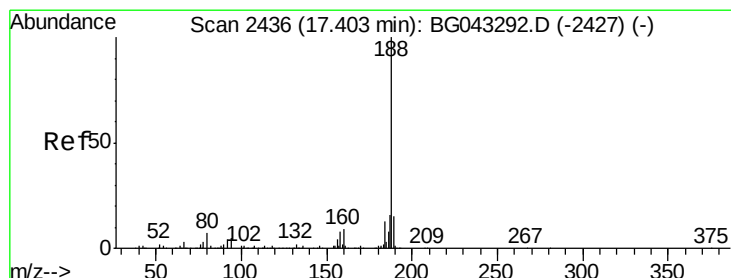
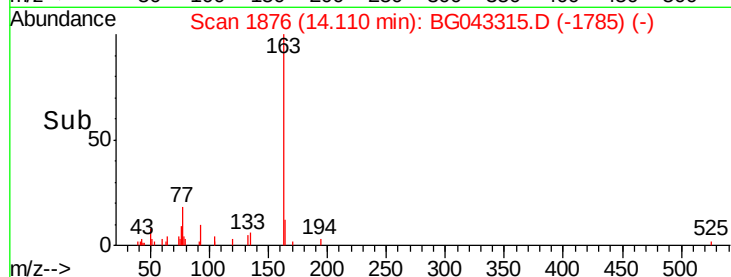
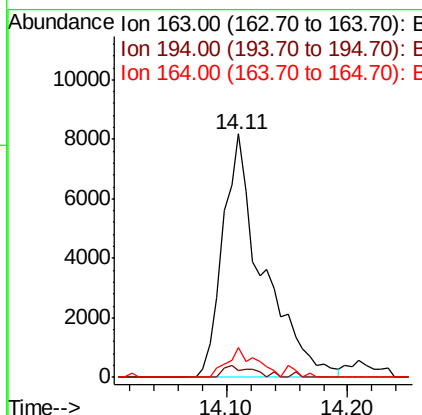
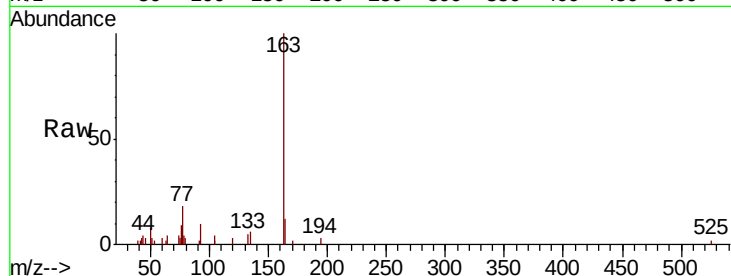




#50
Dimethylphthalate
Concen: 2.671 ng
RT: 14.11 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BG043315.D
Acq: 23 Oct 2019 19:19

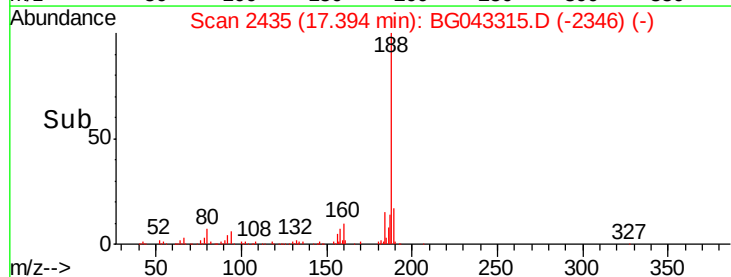
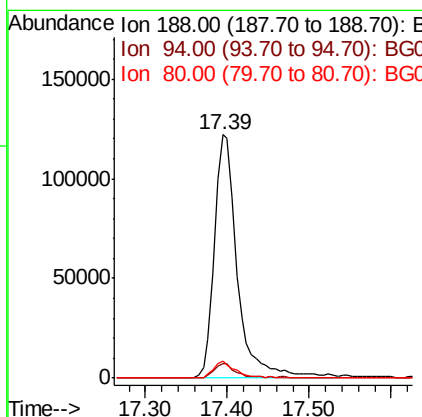
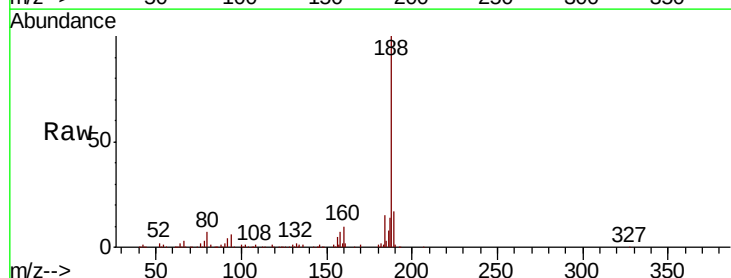
Instrument :
BNA_G
ClientSampled :
BU-03-102119

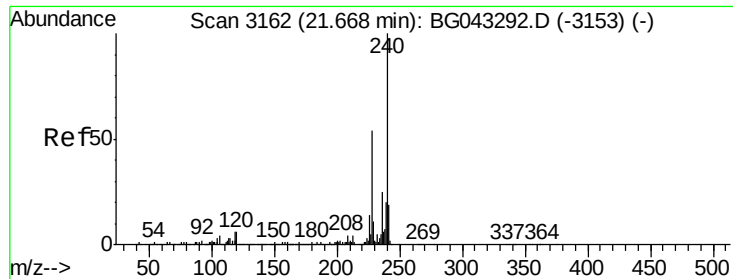
Tot Ion:163 Resp: 18734
Ion Ratio Lower Upper
163 100
194 2.6 3.7 5.5#
164 12.3 8.1 12.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043315.D
Acq: 23 Oct 2019 19:19

Tgt Ion:188 Resp: 241189
Ion Ratio Lower Upper
188 100
94 6.1 4.2 6.2
80 7.1 5.2 7.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043315.D

Acq: 23 Oct 2019 19:19

Instrument :

BNA_G

ClientSampleId :

BU-03-102119

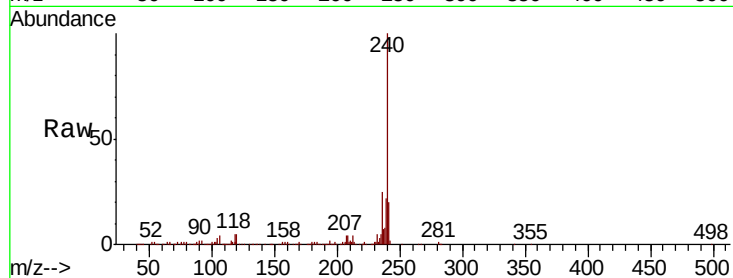
Tot Ion:240 Resp: 299650

Ion Ratio Lower Upper

240 100

120 4.8 4.6 7.0

236 25.2 20.2 30.4

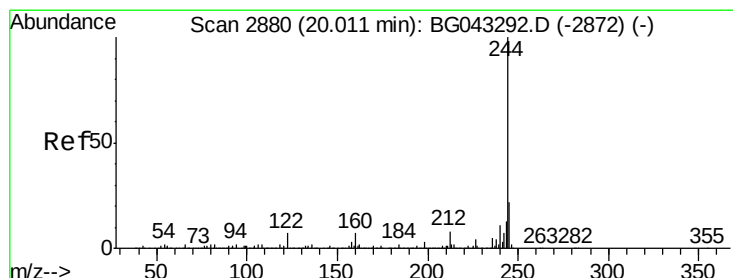
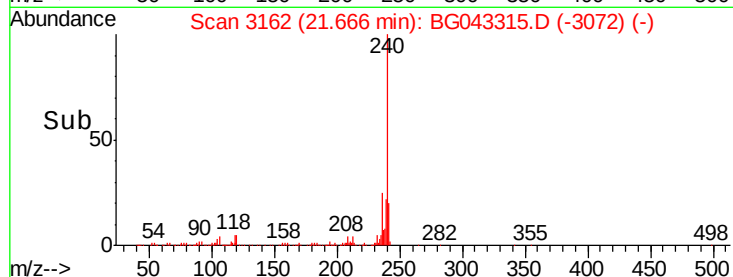
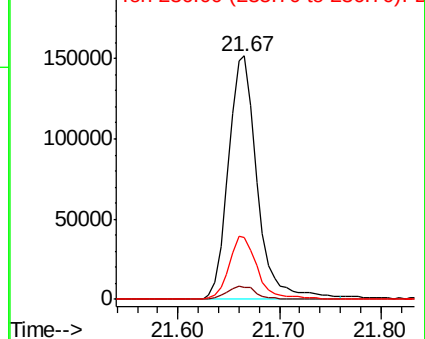


Abundance

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: 93.454 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043315.D

Acq: 23 Oct 2019 19:19

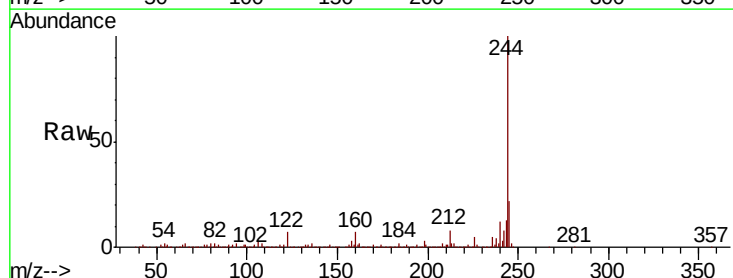
Tgt Ion:244 Resp: 1492681

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

122 6.9 5.3 7.9

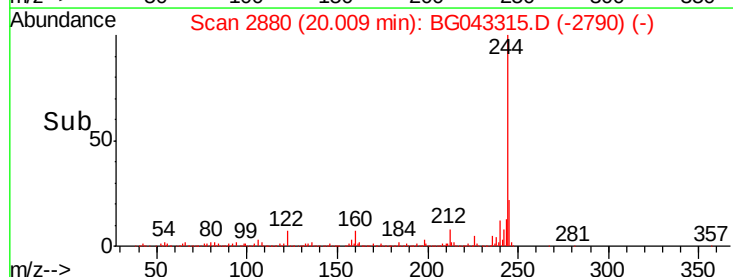
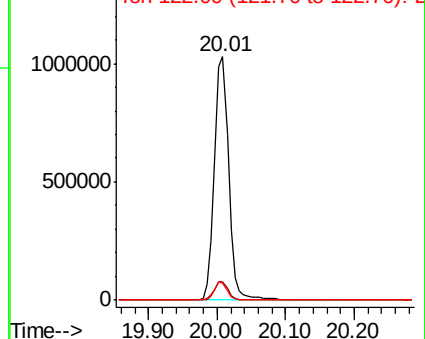


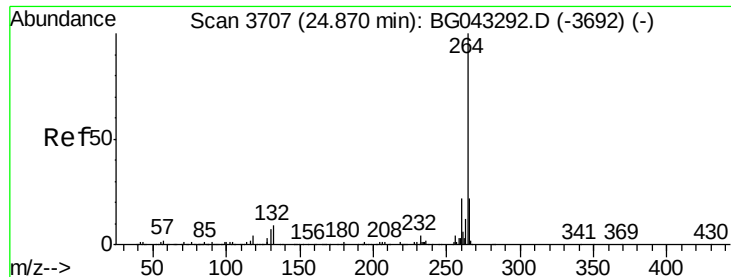
Abundance

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

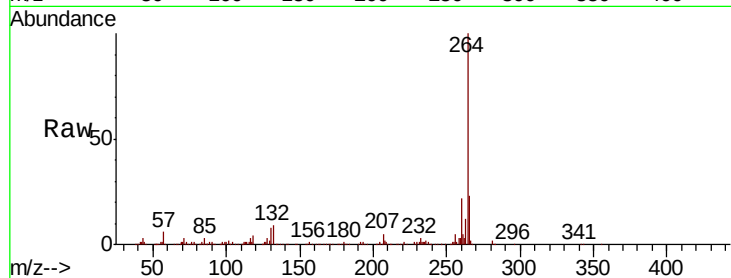




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3706
 Delta R.T. -0.01 min
 Lab File: BG043315.D
 Acq: 23 Oct 2019 19:19

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.9	26.9
265	22.8	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

