

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042855.D
 Acq On : 16 Sep 2019 19:12
 Operator : HP/JU
 Sample : K4859-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-GW800-091119

Quant Time: Sep 17 04:16:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	101573	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	387397	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	260590	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	585574	20.00	ng	0.00
76) Chrysene-d12	21.76	240	572753	20.00	ng	0.00
87) Perylene-d12	25.03	264	625056	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	79	0.01	ng	0.00
7) Phenol-d6	7.26	99	2263	0.27	ng	0.00
23) Nitrobenzene-d5	9.27	82	447482	60.14	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	161	0.05	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	987538	59.99	ng	-0.01
79) Terphenyl-d14	20.08	244	1505292	58.25	ng	-0.01

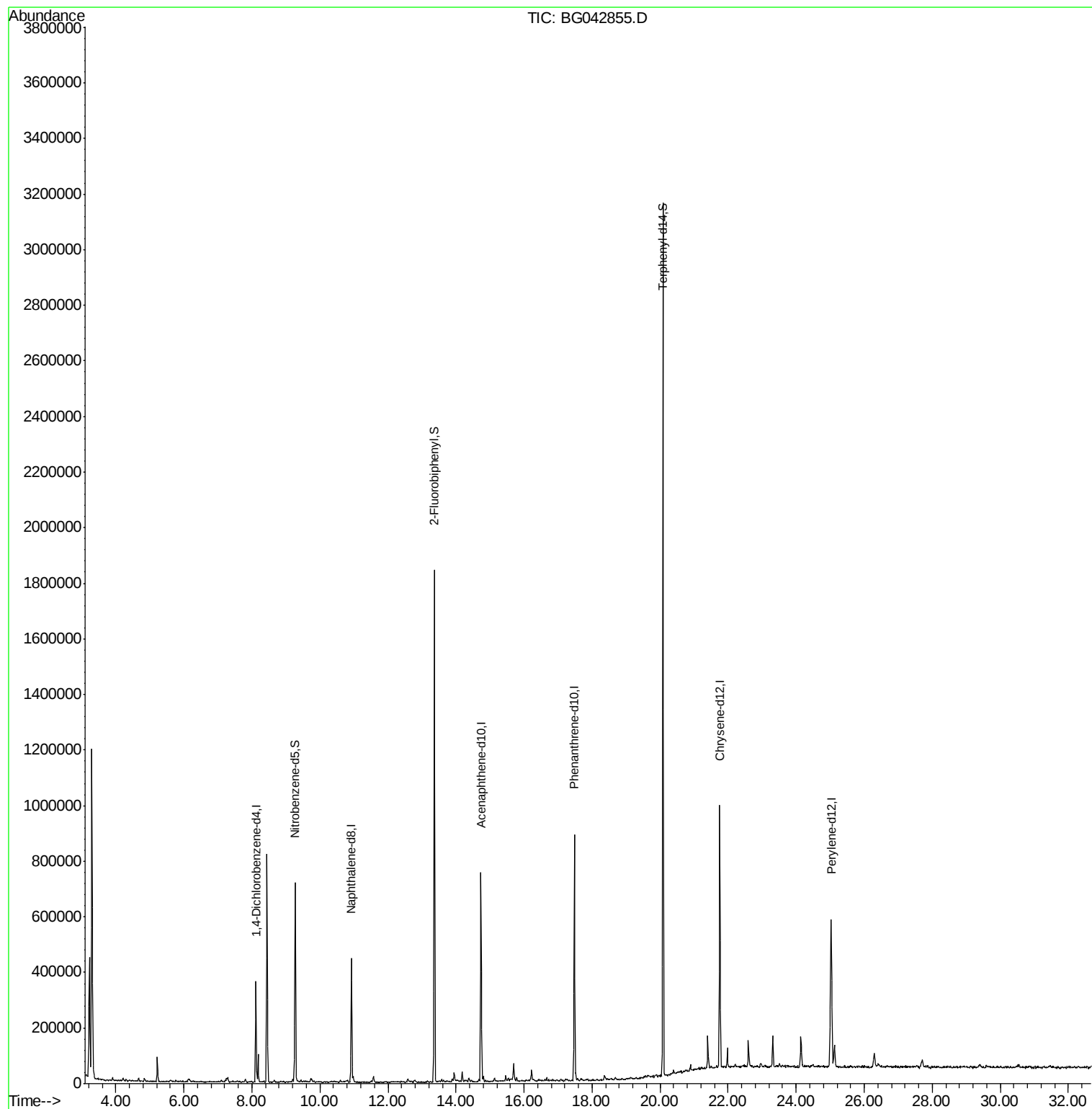
Target Compounds Qvalue

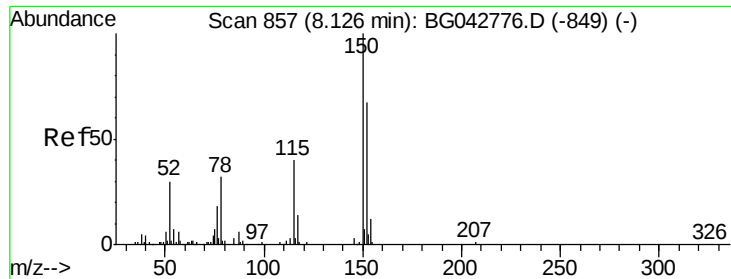
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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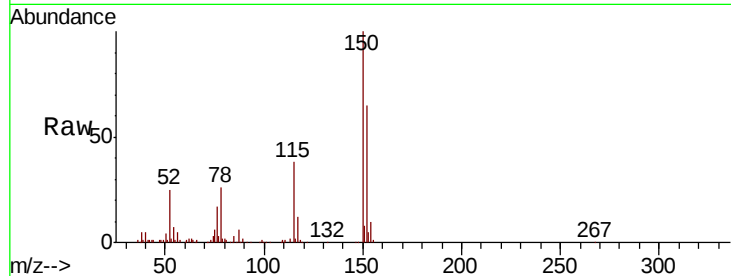


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042855.D
Acq: 16 Sep 2019 19:12

Instrument :
BNA_G
ClientSampleId :
IDW-GW800-091119

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	118.9	178.3
115	57.4	47.4	71.2

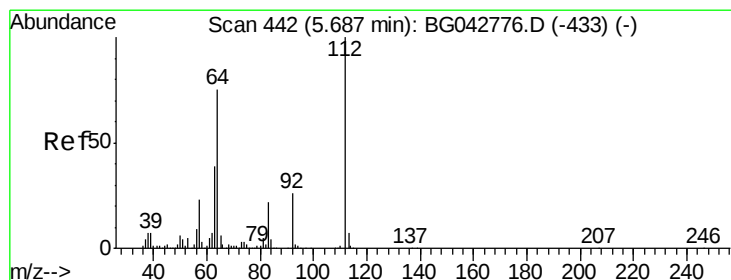
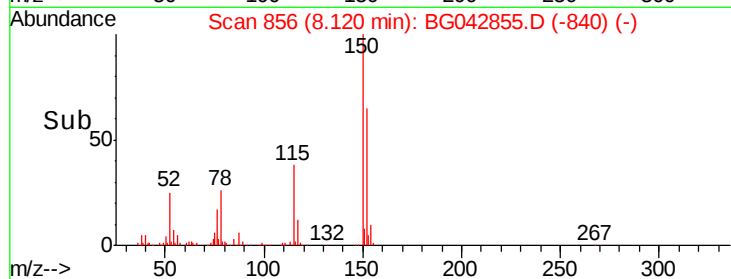
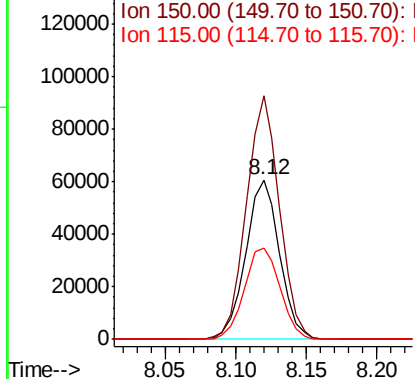


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

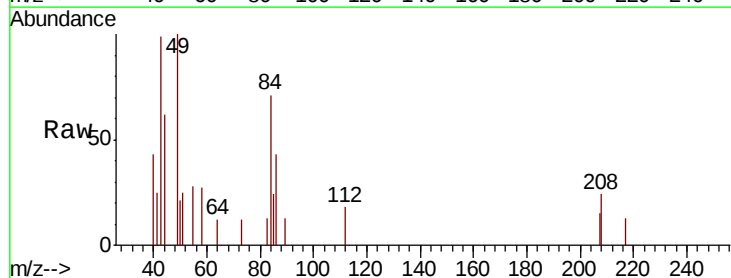
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.014 ng
RT: 5.69 min Scan# 443
Delta R.T. 0.01 min
Lab File: BG042855.D
Acq: 16 Sep 2019 19:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	60.2	90.2
63	0.0	31.2	46.8#

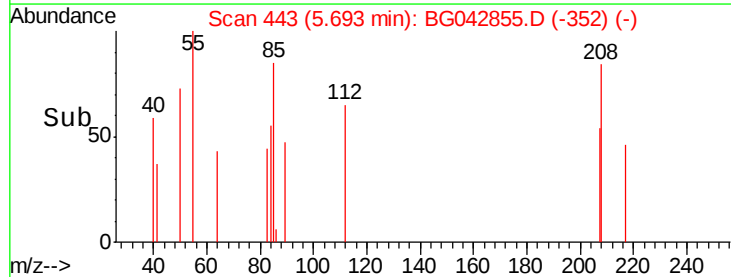
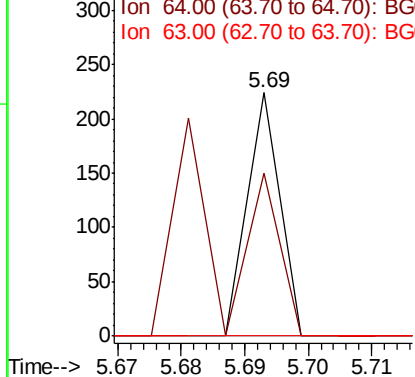


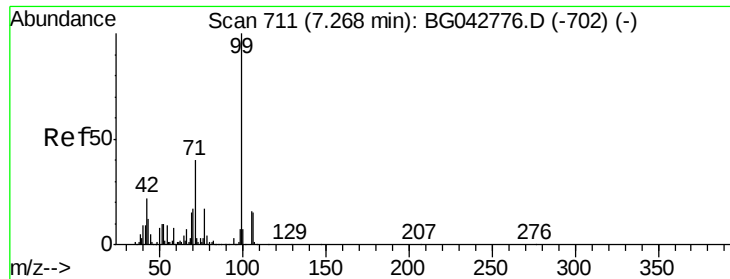
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 0.270 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG042855.D

Acq: 16 Sep 2019 19:12

Instrument :

BNA_G

ClientSampleId :

IDW-GW800-091119

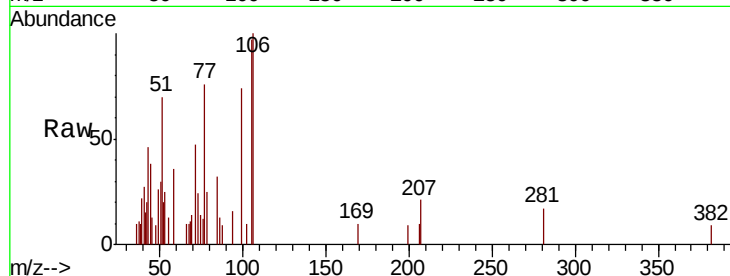
Tot Ion: 99 Resp: 2263

Ion Ratio Lower Upper

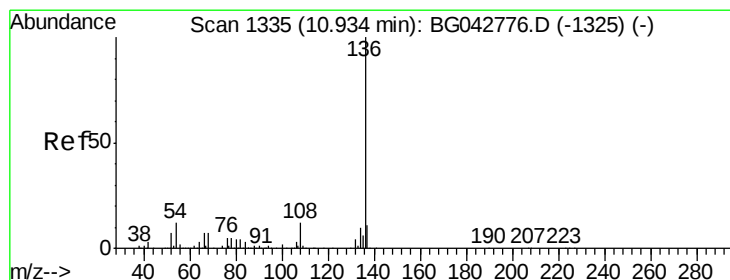
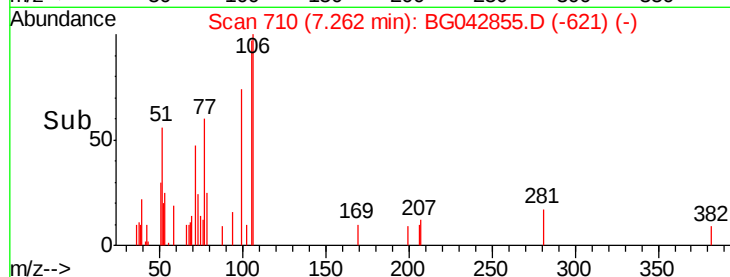
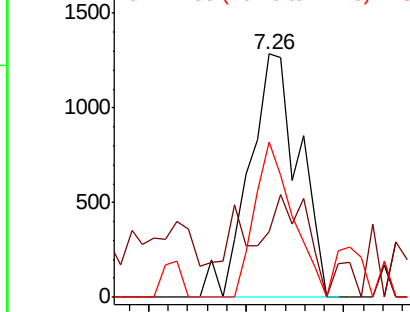
99 100

42 26.8 17.5 26.3#

71 63.7 32.0 48.0#



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: 10.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BG042855.D

Acq: 16 Sep 2019 19:12

Tgt Ion: 136 Resp: 387397

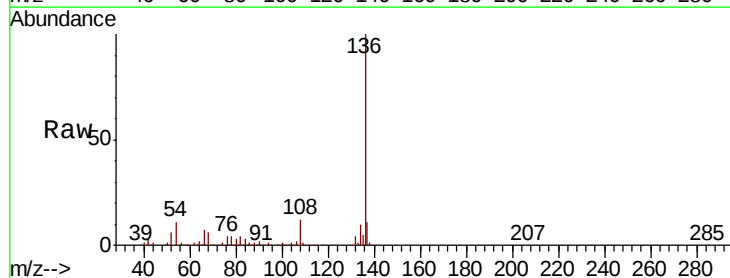
Ion Ratio Lower Upper

136 100

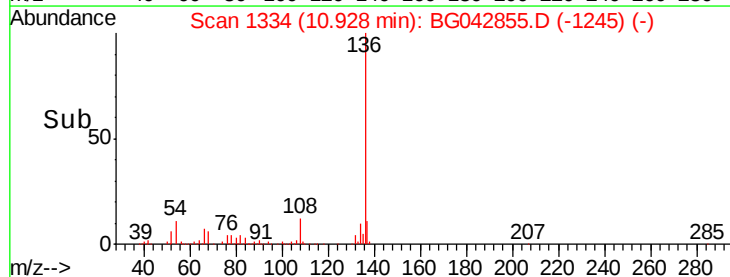
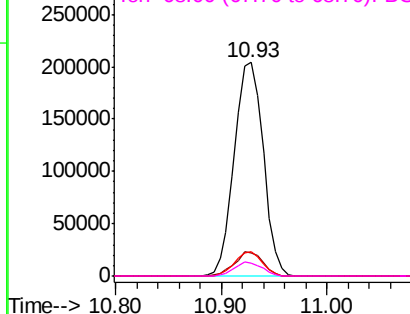
137 10.6 9.0 13.6

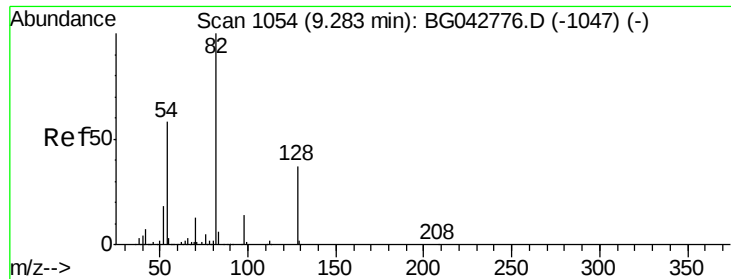
54 11.1 9.4 14.0

68 6.3 5.4 8.2



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

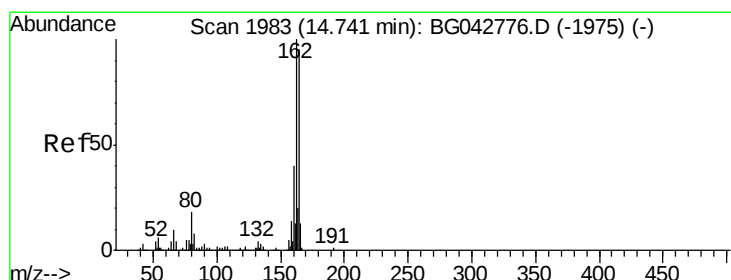
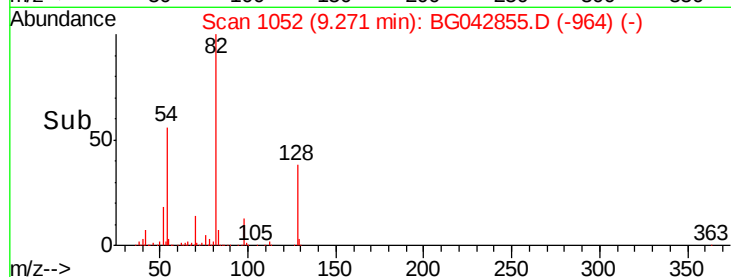
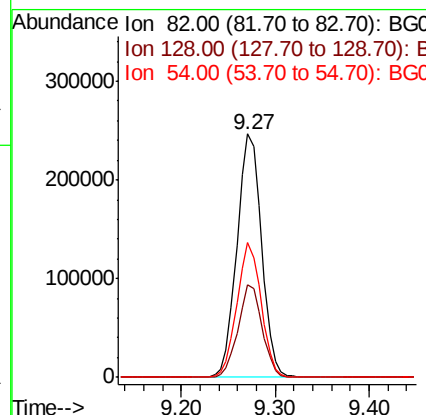
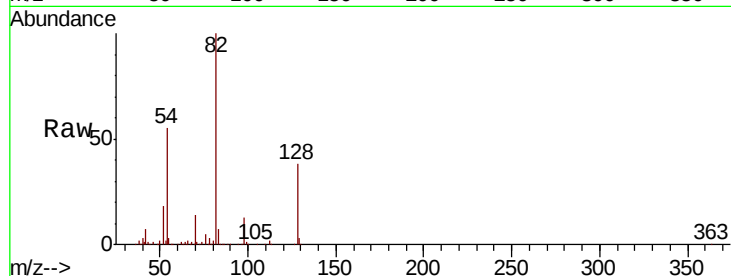




#23
Nitrobenzene-d5
Concen: 60.137 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042855.D
Acq: 16 Sep 2019 19:12

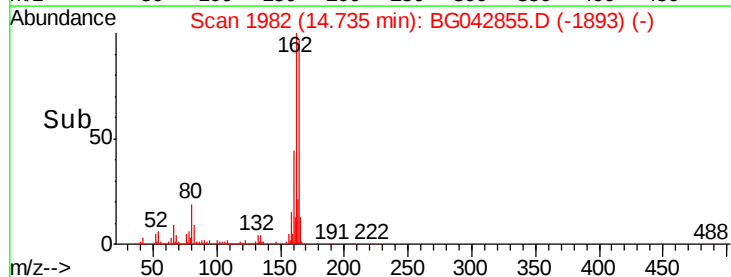
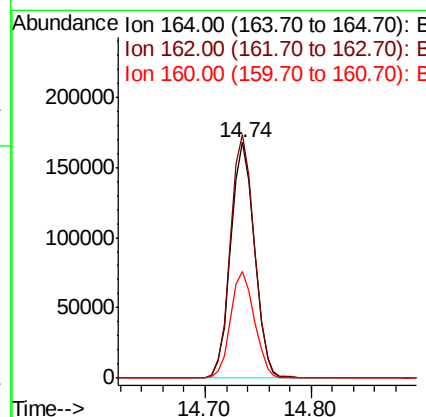
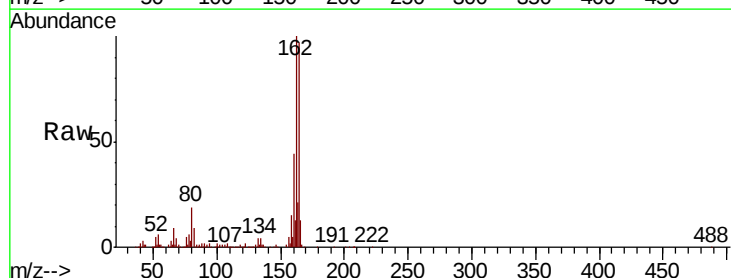
Instrument :
BNA_G
ClientSampleId :
IDW-GW800-091119

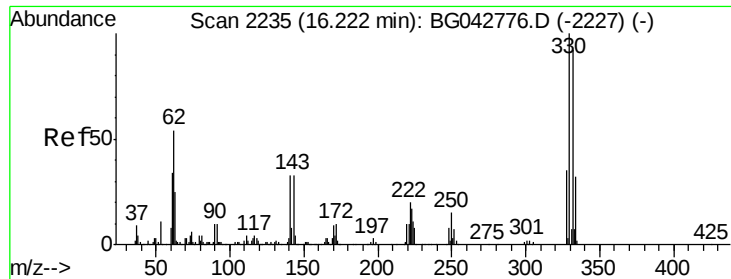
Tot Ion	82	Resp	447482
Ion Ratio	Lower	Upper	
82	100		
128	38.1	29.8	44.8
54	55.5	46.1	69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042855.D
Acq: 16 Sep 2019 19:12

Tgt Ion	164	Resp	260590
Ion Ratio	Lower	Upper	
164	100		
162	103.4	84.6	126.8
160	45.4	34.2	51.2

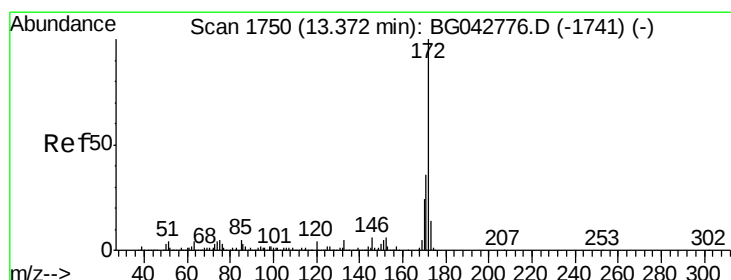
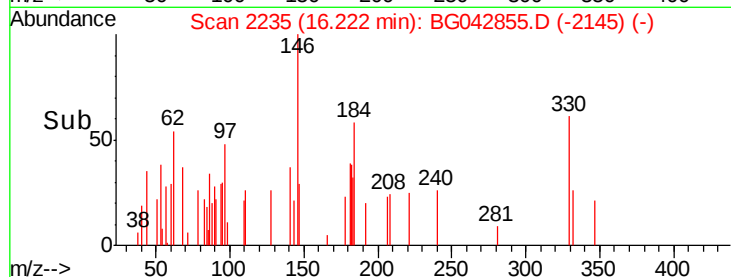
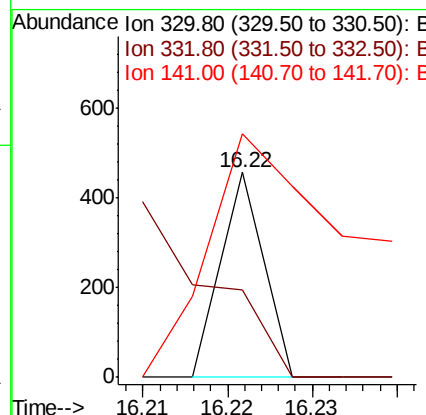
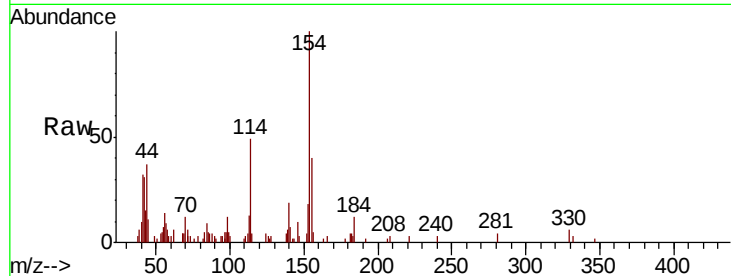




#42
 2,4,6-Tribromophenol
 Concen: 0.046 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG042855.D
 Acq: 16 Sep 2019 19:12

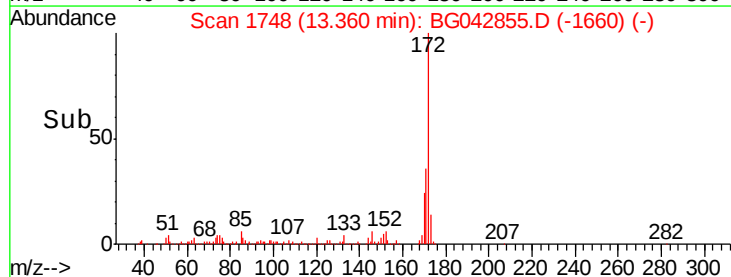
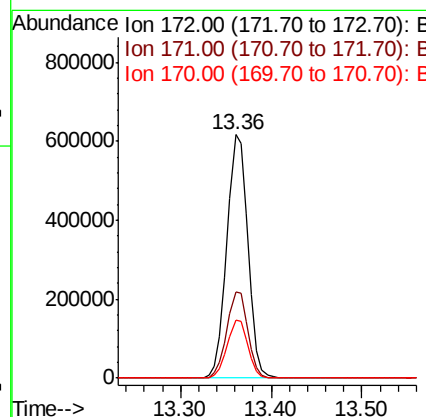
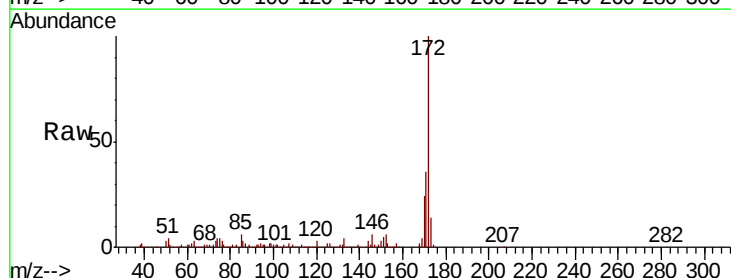
Instrument :
 BNA_G
 ClientSampleId :
 IDW-GW800-091119

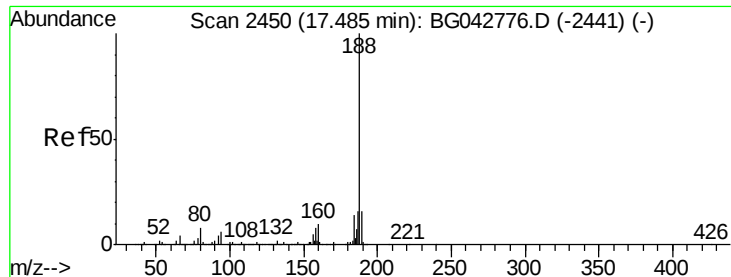
Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	76.7	115.1#
141	437.3	27.0	40.6#



#45
 2-Fluorobiphenyl
 Concen: 59.987 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG042855.D
 Acq: 16 Sep 2019 19:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.8	19.1	28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042855.D

Acq: 16 Sep 2019 19:12

Instrument :

BNA_G

ClientSampleId :

IDW-GW800-091119

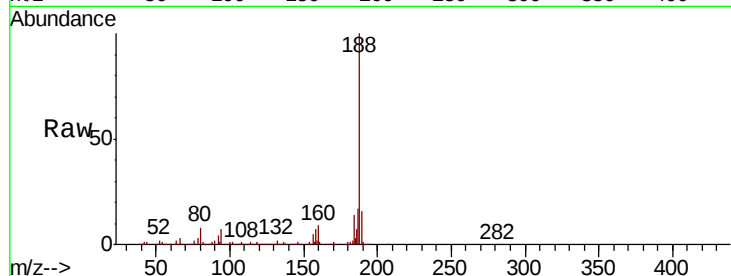
Tot Ion:188 Resp: 585574

Ion Ratio Lower Upper

188 100

94 6.7 4.8 7.2

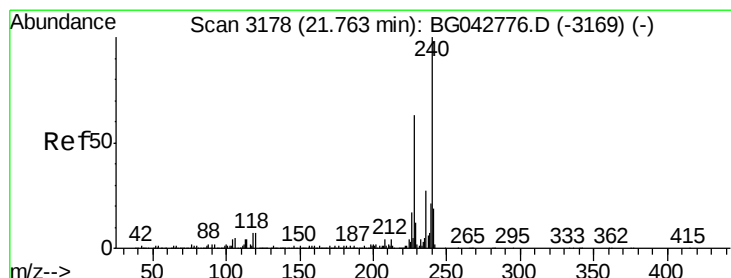
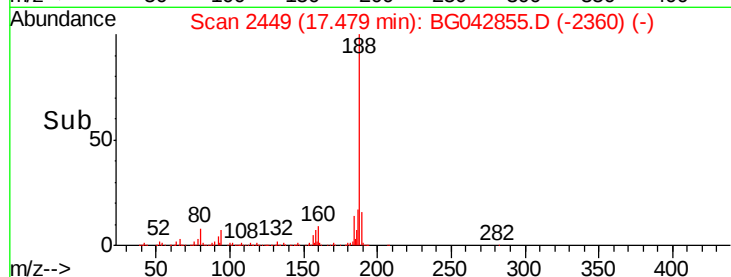
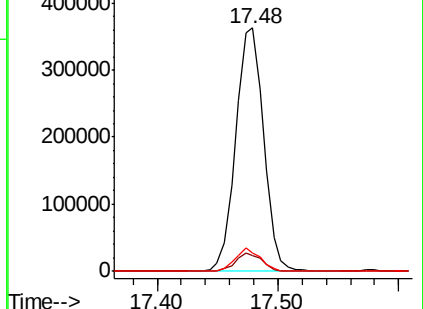
80 7.6 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042855.D

Acq: 16 Sep 2019 19:12

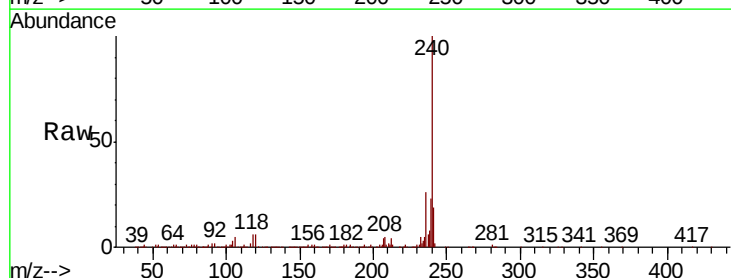
Tgt Ion:240 Resp: 572753

Ion Ratio Lower Upper

240 100

120 5.9 5.4 8.2

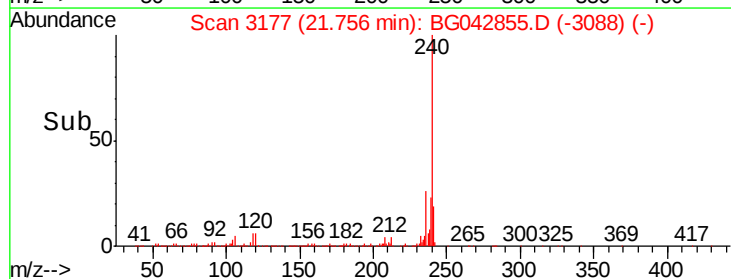
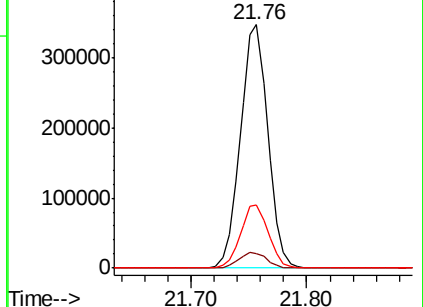
236 25.9 21.7 32.5

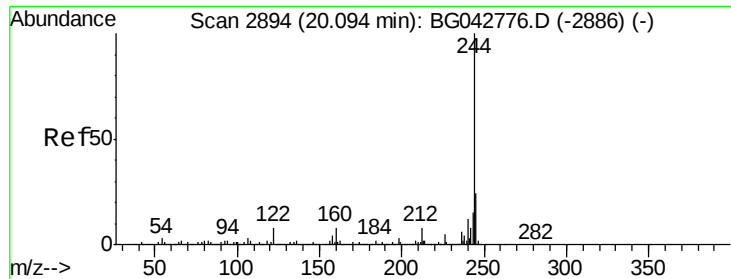


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 58.248 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042855.D

Acq: 16 Sep 2019 19:12

Instrument :

BNA_G

ClientSampleId :

IDW-GW800-091119

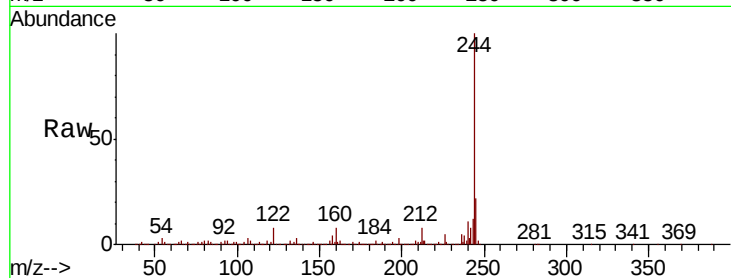
Tot Ion:244 Resp: 1505292

Ion Ratio Lower Upper

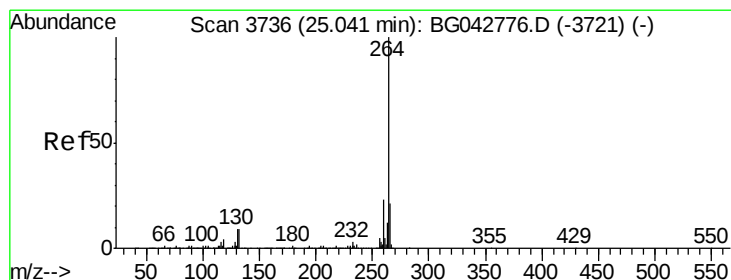
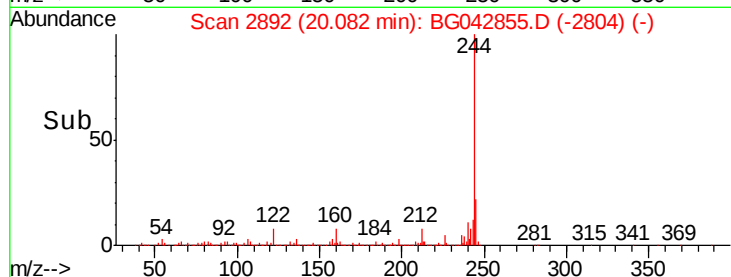
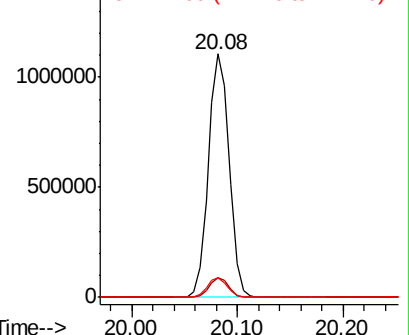
244 100

212 8.0 6.6 10.0

122 8.1 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E
1500000
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: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG042855.D

Acq: 16 Sep 2019 19:12

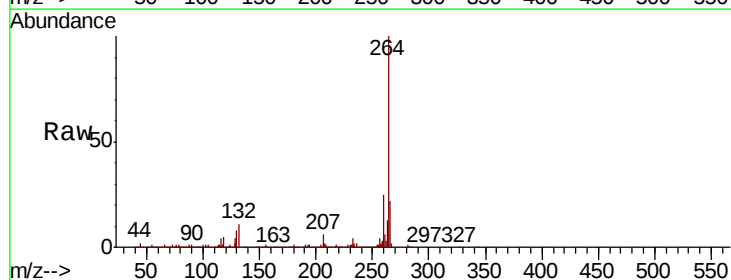
Tgt Ion:264 Resp: 625056

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.2

265 22.0 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
250000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

