

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040113.D
 Acq On : 23 Mar 2019 12:12
 Operator : JU/SJ
 Sample : K2035-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 031919-LIFT-F-D-B

Quant Time: Mar 23 22:42:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	42108	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	186272	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	128461	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	306479	20.00	ng	-0.03
76) Chrysene-d12	21.80	240	295804	20.00	ng	-0.03
87) Perylene-d12	25.16	264	298251	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	102744	41.63	ng	-0.03
7) Phenol-d6	7.29	99	94077	25.56	ng	-0.03
23) Nitrobenzene-d5	9.32	82	288775	83.85	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	132925	88.78	ng	-0.03
45) 2-Fluorobiphenyl	13.39	172	736493	81.63	ng	-0.03
79) Terphenyl-d14	20.11	244	980546	72.99	ng	-0.02

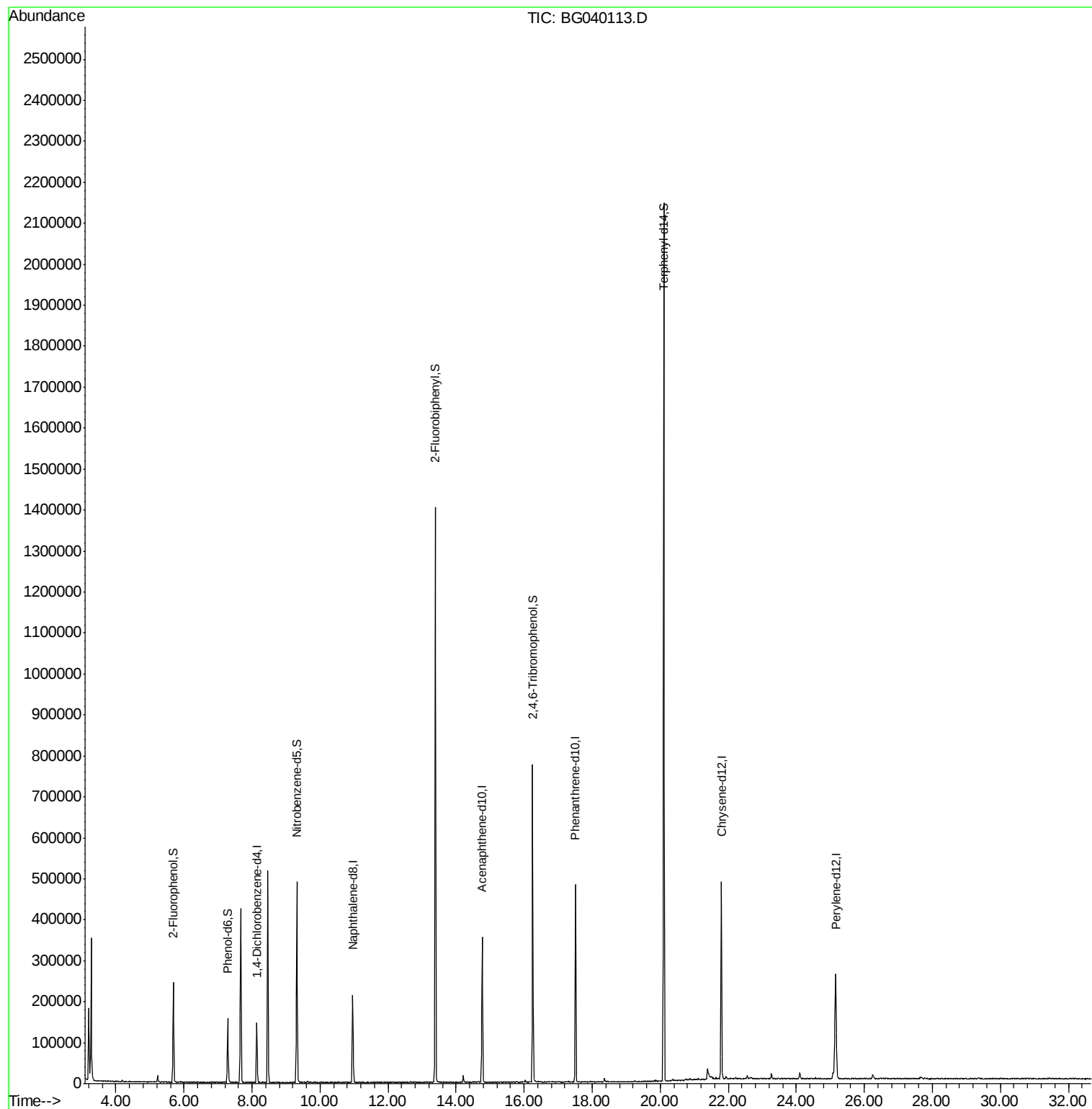
Target Compounds Qvalue

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

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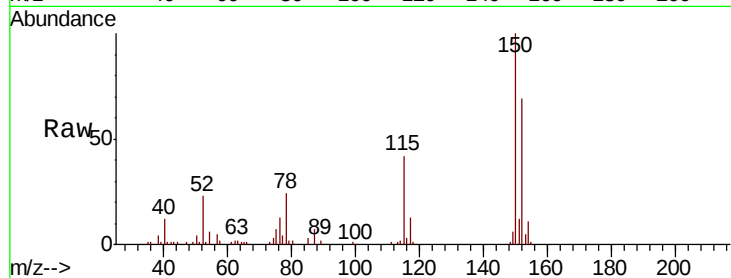


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 861
Delta R.T. -0.03 min
Lab File: BG040113.D
Acq: 23 Mar 2019 12:12

Instrument :
BNA_G
ClientSampleId :
031919-LIFT-F-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.8	123.7	185.5
115	60.6	45.9	68.9

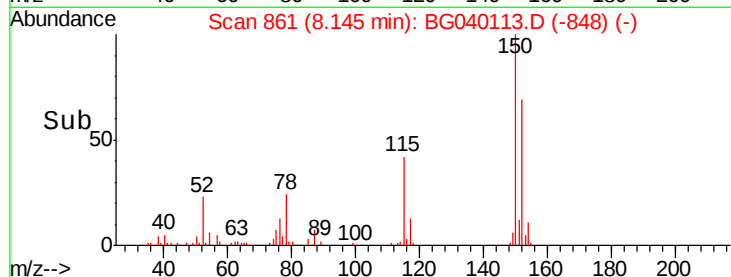
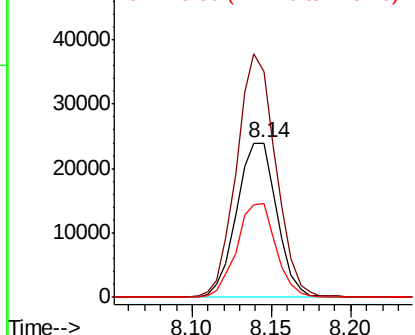


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

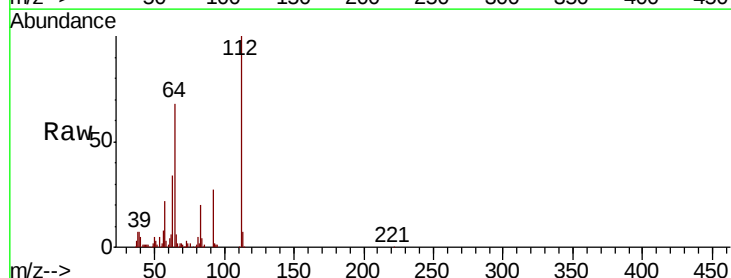
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.627 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.03 min
Lab File: BG040113.D
Acq: 23 Mar 2019 12:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	57.8	86.8
63	34.0	29.8	44.6

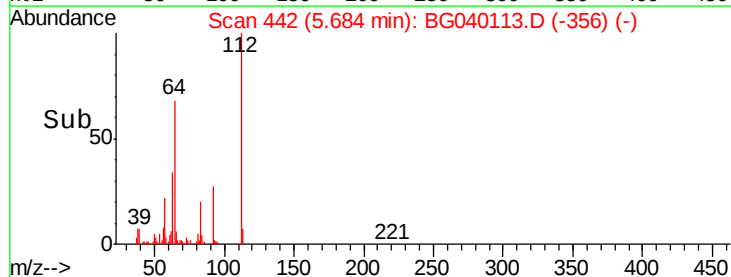
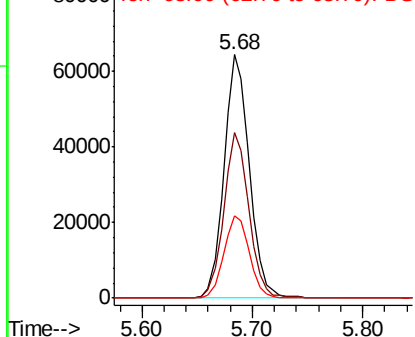


Abundance

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: 25.563 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.03 min

Lab File: BG040113.D

Acq: 23 Mar 2019 12:12

Instrument :

BNA_G

ClientSampleId :

031919-LIFT-F-D-B

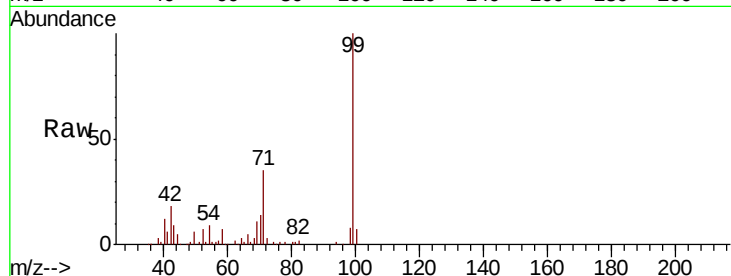
Tot Ion: 99 Resp: 94077

Ion Ratio Lower Upper

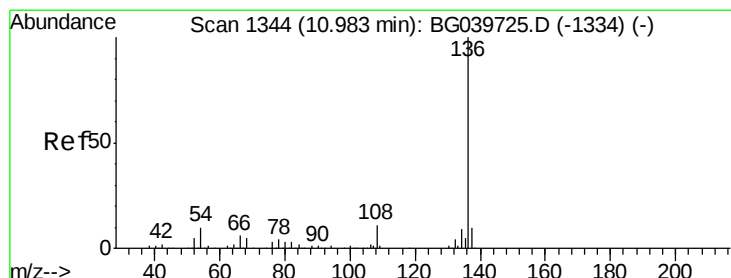
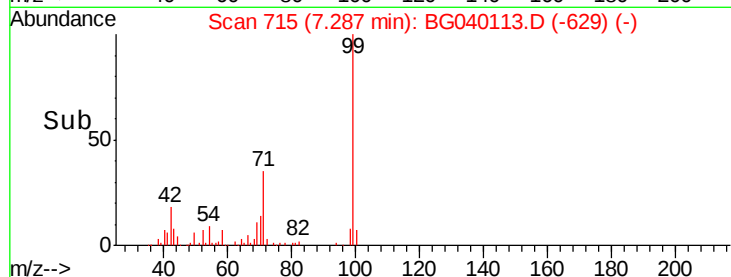
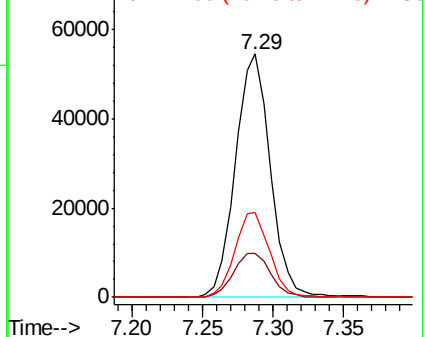
99 100

42 18.2 18.2 27.2

71 34.7 28.0 42.0



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: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040113.D

Acq: 23 Mar 2019 12:12

Tgt Ion: 136 Resp: 186272

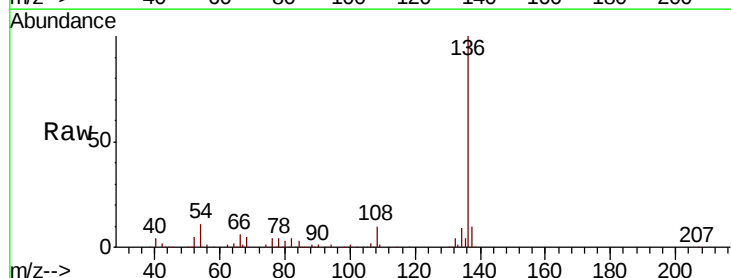
Ion Ratio Lower Upper

136 100

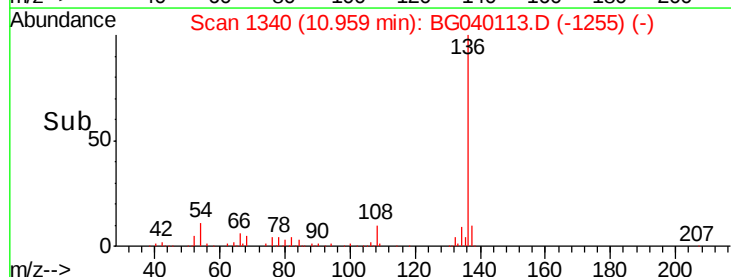
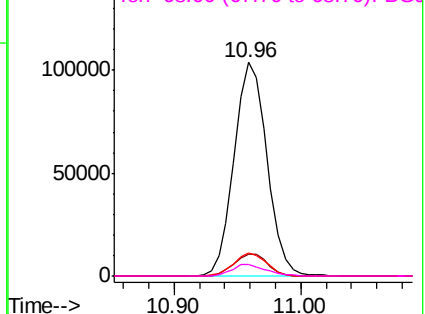
137 10.4 9.1 13.7

54 10.8 9.4 14.2

68 5.3 4.2 6.4



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

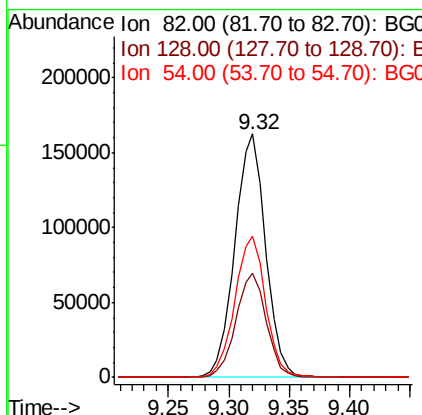
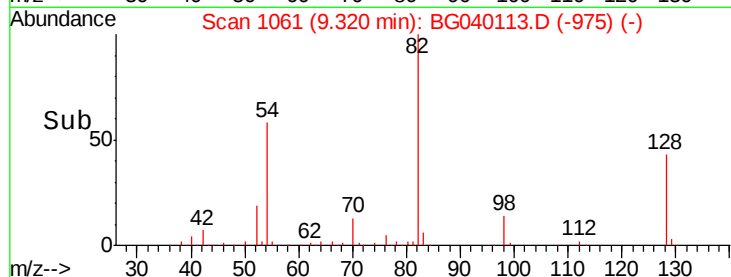
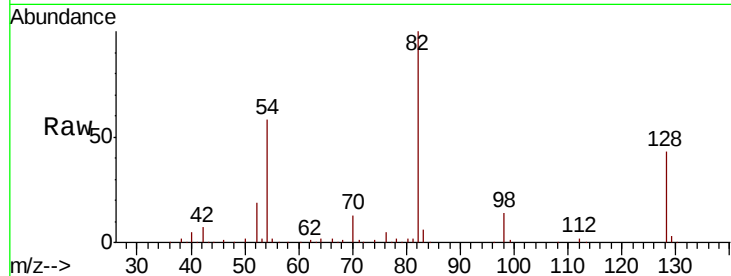




#23
Nitrobenzene-d5
Concen: 83.846 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BG040113.D
Acq: 23 Mar 2019 12:12

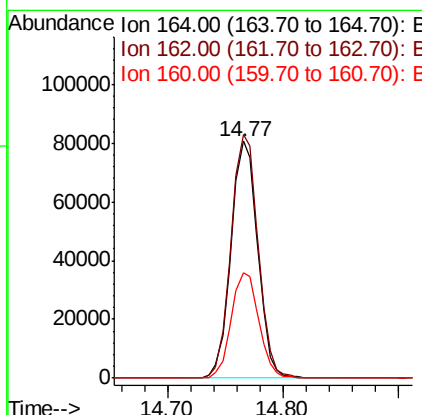
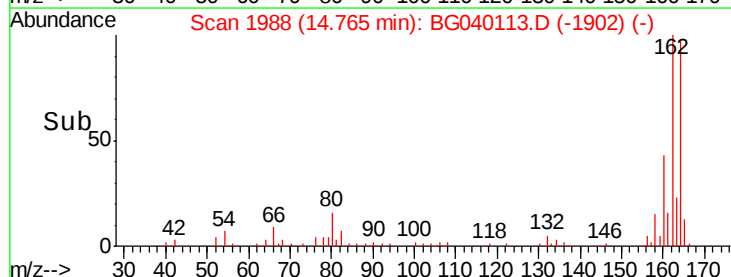
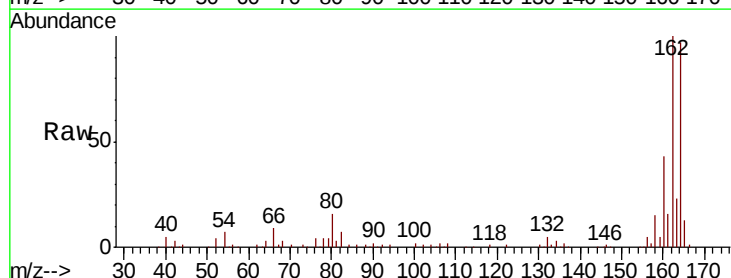
Instrument :
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ClientSampleId :
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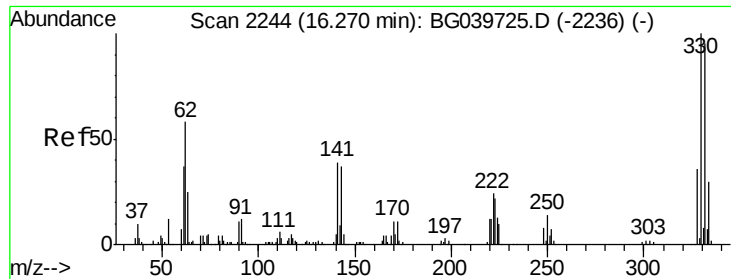
Tot Ion: 82 Resp: 288775
Ion Ratio Lower Upper
82 100
128 43.0 31.3 46.9
54 57.9 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.03 min
Lab File: BG040113.D
Acq: 23 Mar 2019 12:12

Tgt Ion: 164 Resp: 128461
Ion Ratio Lower Upper
164 100
162 102.8 81.6 122.4
160 44.4 34.2 51.2

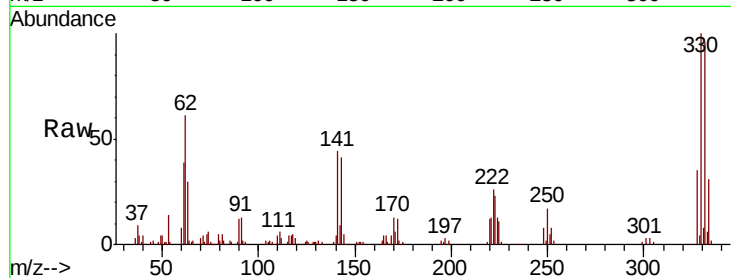




#42
 2,4,6-Tribromophenol
 Concen: 88.776 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.03 min
 Lab File: BG040113.D
 Acq: 23 Mar 2019 12:12

Instrument :
 BNA_G
 ClientSampleId :
 031919-LIFT-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.7	113.5
141	41.1	35.6	53.4

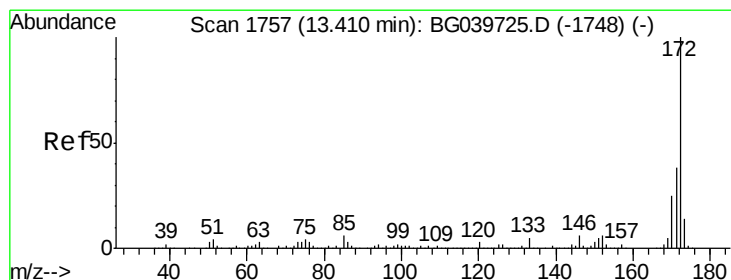
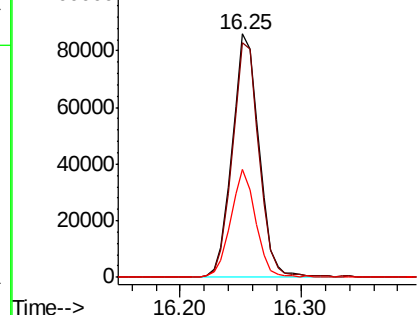
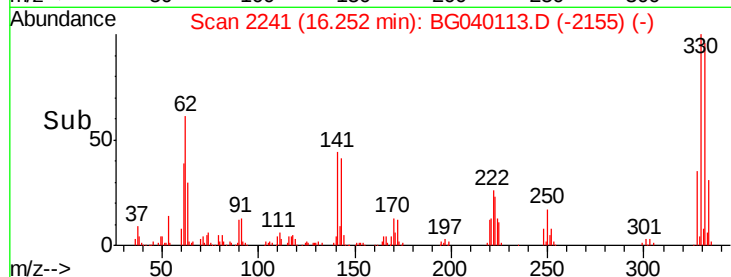


Abundance

Ion 329.80 (329.50 to 330.50): E

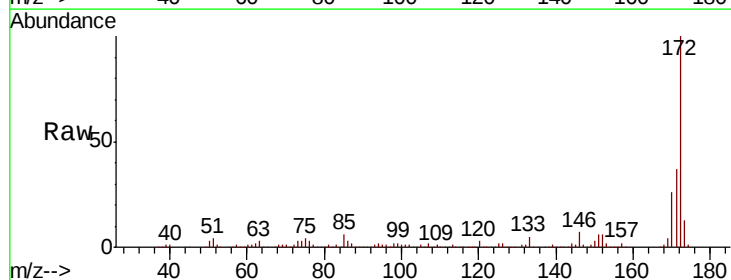
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 81.631 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.03 min
 Lab File: BG040113.D
 Acq: 23 Mar 2019 12:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	25.5	20.2	30.4

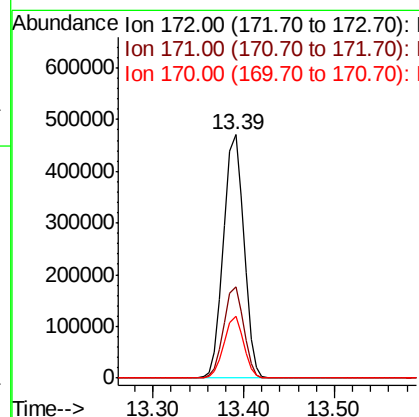
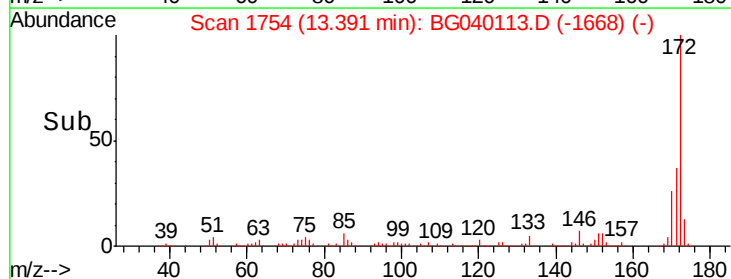


Abundance

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

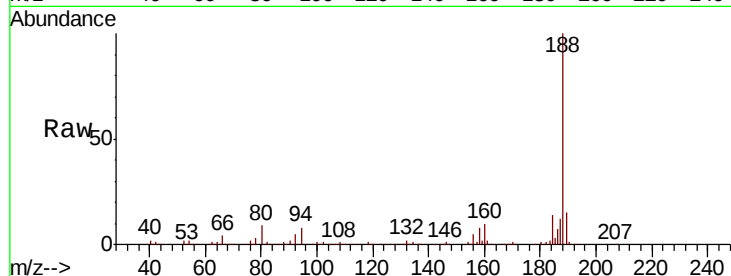




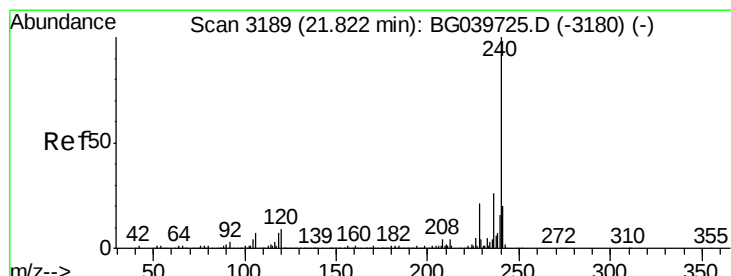
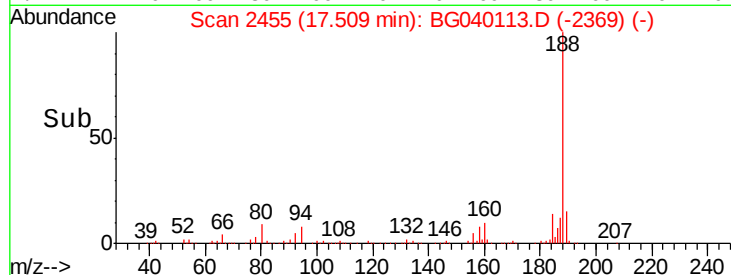
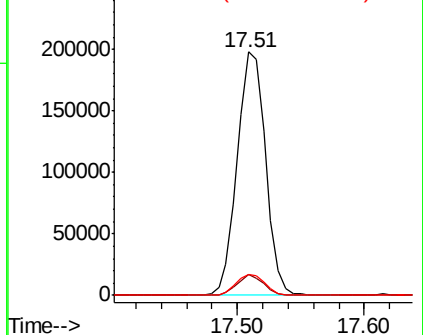
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.03 min
Lab File: BG040113.D
Acq: 23 Mar 2019 12:12

Instrument :
BNA_G
ClientSampleId :
031919-LIFT-F-D-B

Tot Ion:188 Resp: 306479
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 8.7 8.1 12.1

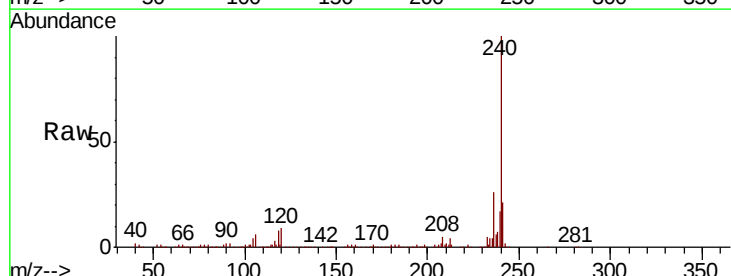


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

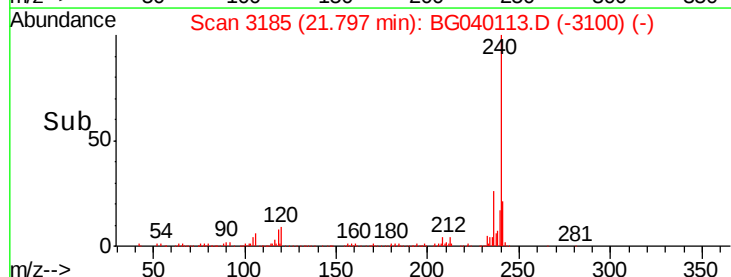
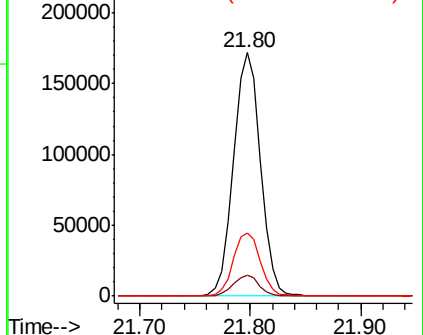


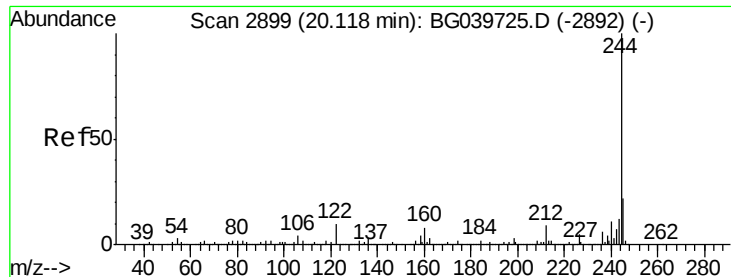
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040113.D
Acq: 23 Mar 2019 12:12

Tgt Ion:240 Resp: 295804
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 26.0 21.0 31.4



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: 72.987 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040113.D

Acq: 23 Mar 2019 12:12

Instrument :

BNA_G

ClientSampleId :

031919-LIFT-F-D-B

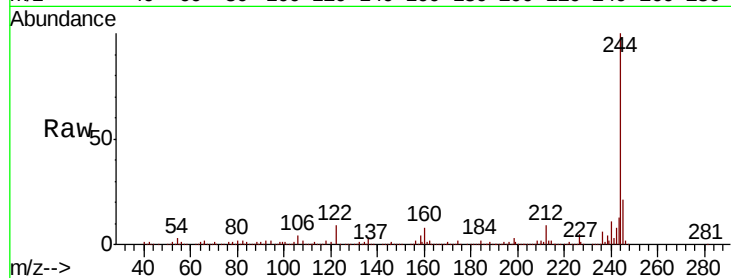
Tot Ion:244 Resp: 980546

Ion Ratio Lower Upper

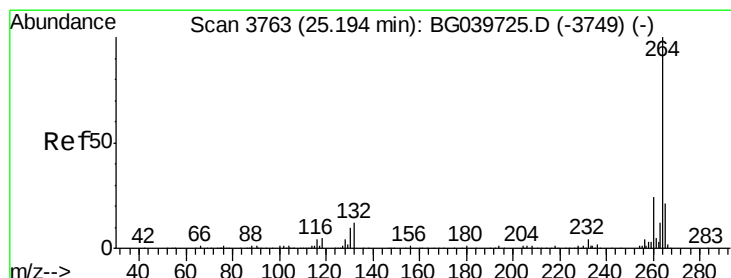
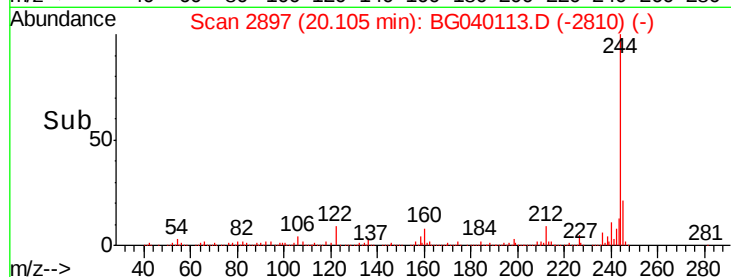
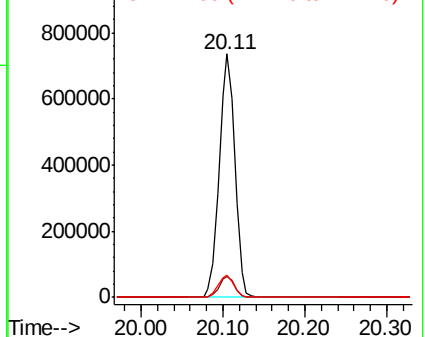
244 100

212 8.8 7.3 10.9

122 8.9 8.4 12.6



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: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040113.D

Acq: 23 Mar 2019 12:12

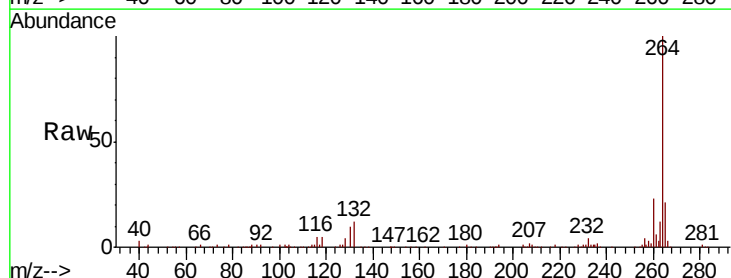
Tgt Ion:264 Resp: 298251

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 21.2 18.5 27.7



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

