

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040091.D
 Acq On : 22 Mar 2019 20:15
 Operator : JU/SJ
 Sample : K2032-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 031819-LIFT-F-D-S

Quant Time: Mar 23 02:29:51 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	8.15	152	39522	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	183810	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	137865	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	338093	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	330889	20.00	ng	-0.02
87) Perylene-d12	25.16	264	326060	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	85978	37.11	ng	-0.02
7) Phenol-d6	7.29	99	79116	22.90	ng	-0.02
23) Nitrobenzene-d5	9.32	82	253823	74.68	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	122042	75.95	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	653063	67.45	ng	-0.02
79) Terphenyl-d14	20.11	244	926632	61.66	ng	-0.02

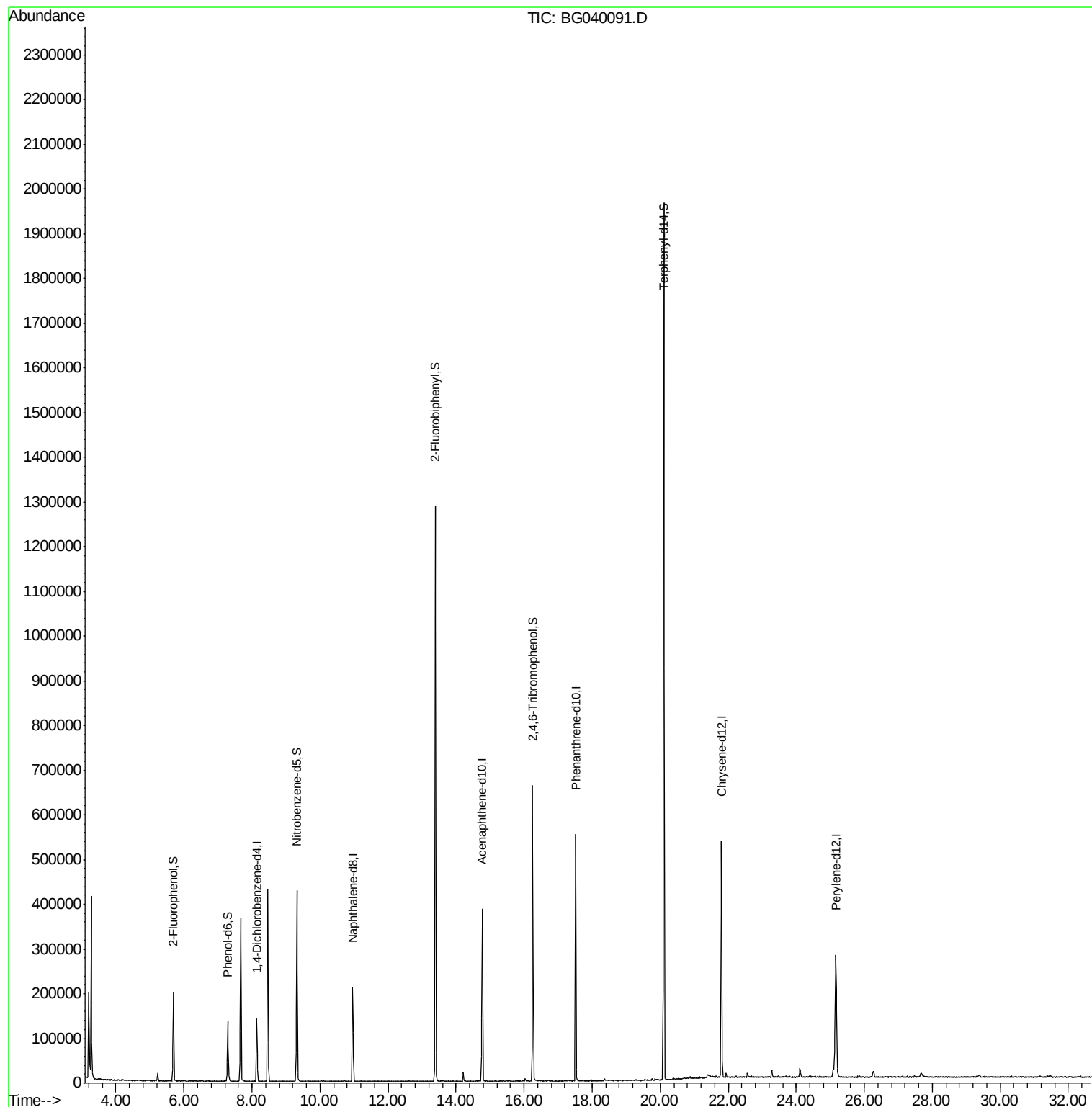
Target Compounds Qvalue

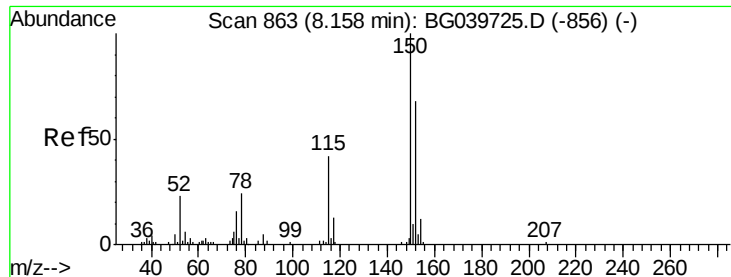
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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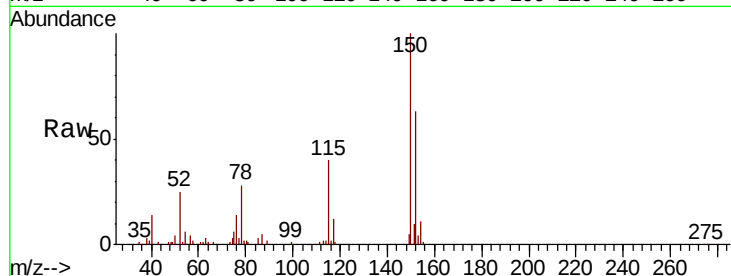


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040091.D
Acq: 22 Mar 2019 20:15

Instrument :
BNA_G
ClientSampleId :
031819-LIFT-F-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	123.7	185.5
115	63.1	45.9	68.9

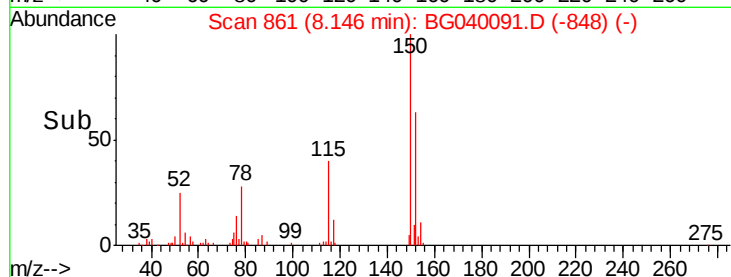
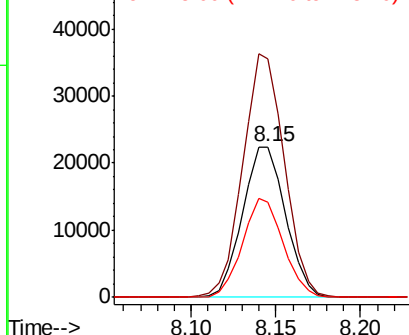


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

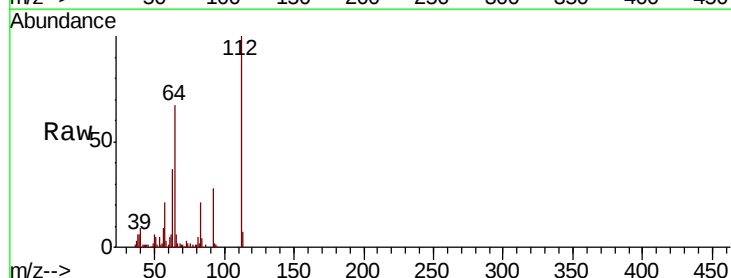
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.113 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040091.D
Acq: 22 Mar 2019 20:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	57.8	86.8
63	37.2	29.8	44.6

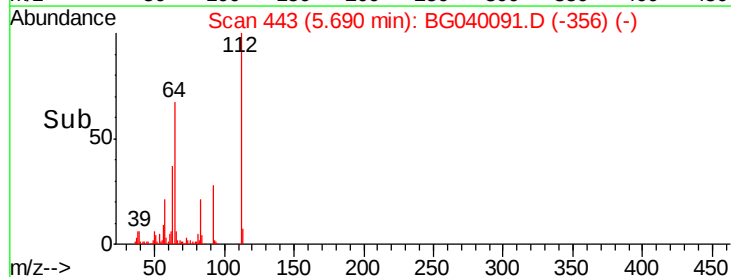
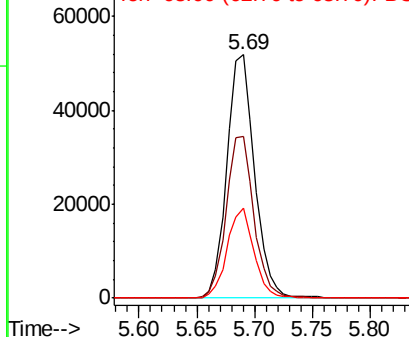


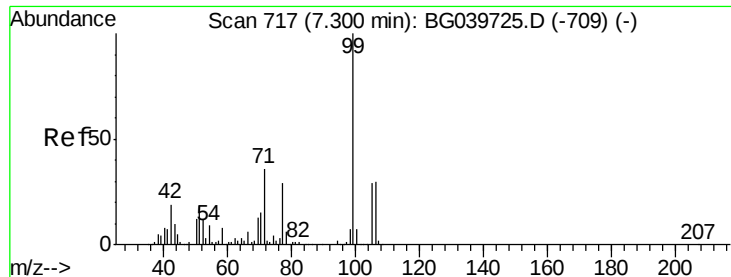
Abundance

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: 22.904 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

Instrument :

BNA_G

ClientSampleId :

031819-LIFT-F-D-S

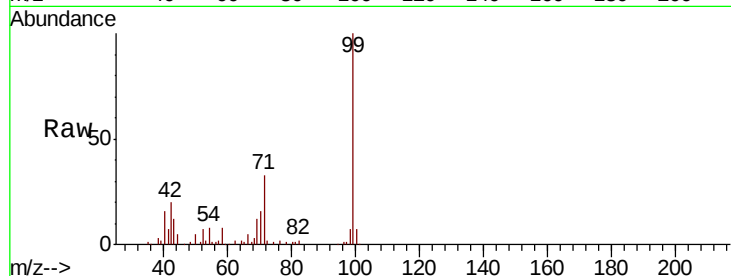
Tot Ion: 99 Resp: 79116

Ion Ratio Lower Upper

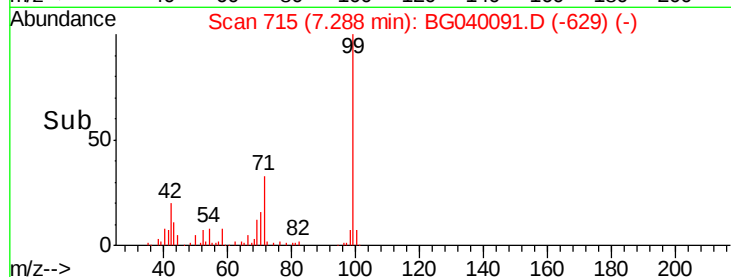
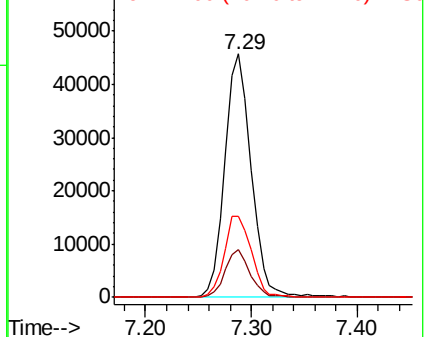
99 100

42 19.9 18.2 27.2

71 33.4 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: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

Tgt Ion: 136 Resp: 183810

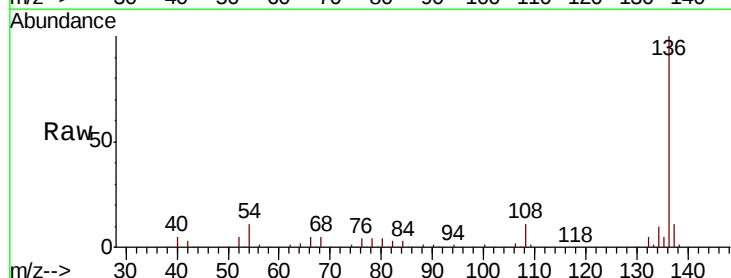
Ion Ratio Lower Upper

136 100

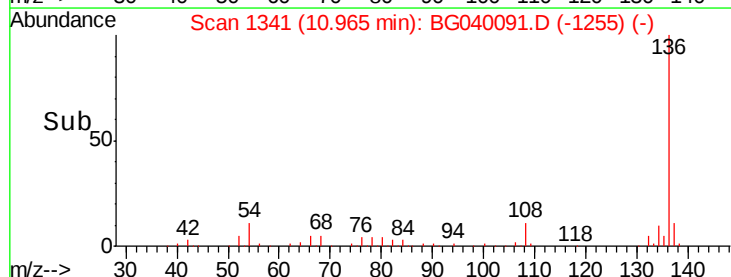
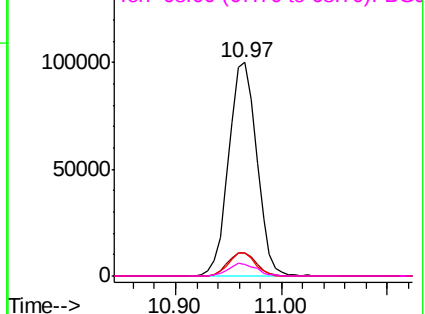
137 10.7 9.1 13.7

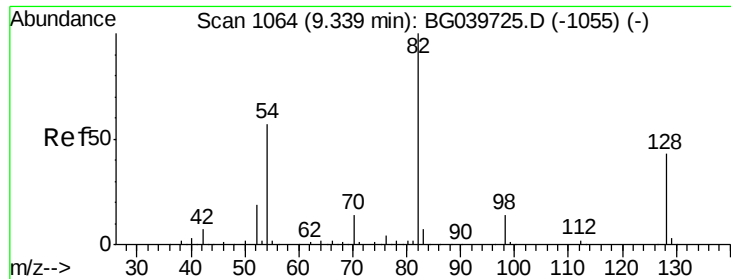
54 11.0 9.4 14.2

68 5.4 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

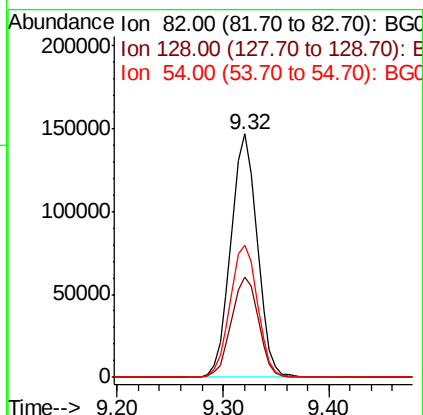
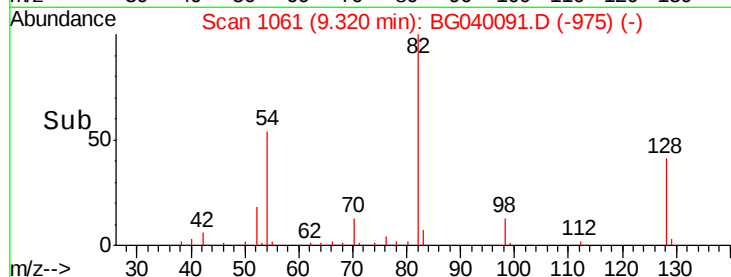
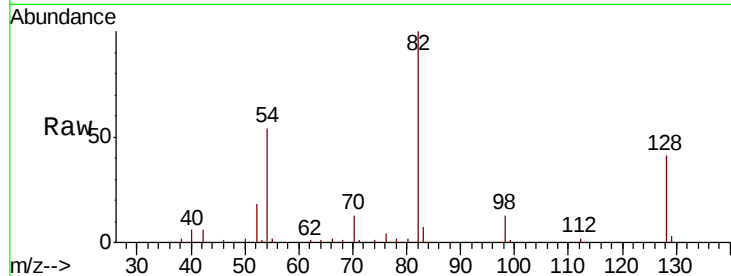




#23
 Nitrobenzene-d5
 Concen: 74.685 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040091.D
 Acq: 22 Mar 2019 20:15

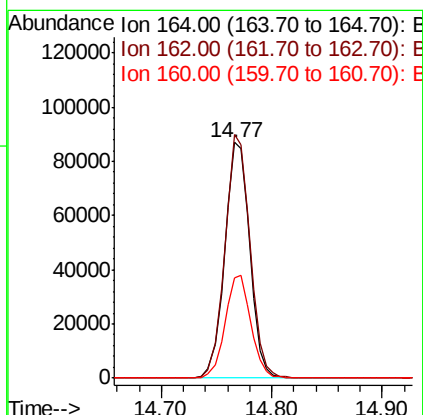
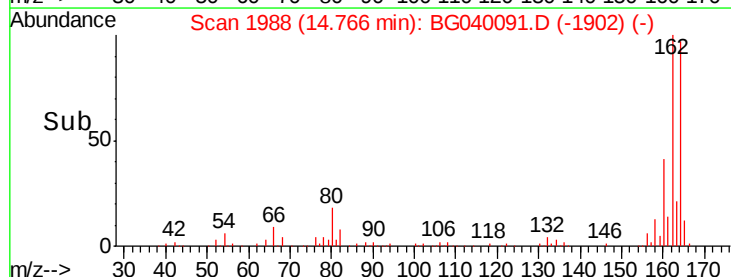
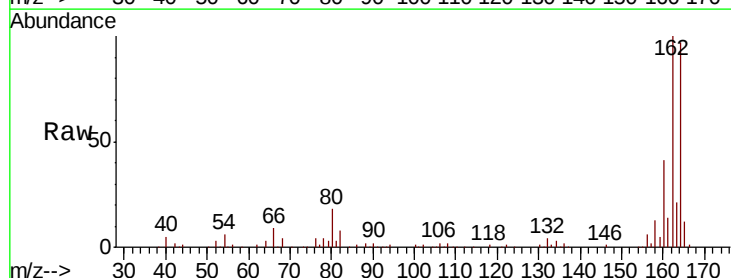
Instrument :
 BNA_G
 ClientSampleId :
 031819-LIFT-F-D-S

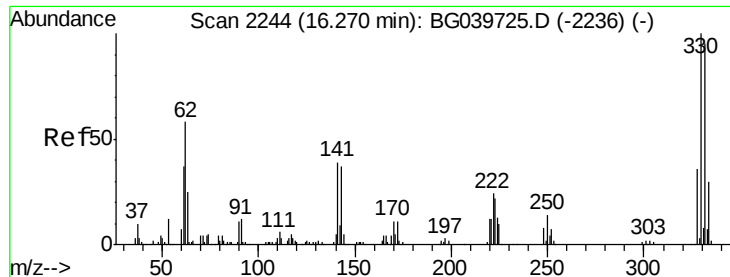
Tot Ion: 82 Resp: 253823
 Ion Ratio Lower Upper
 82 100
 128 41.4 31.3 46.9
 54 54.4 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040091.D
 Acq: 22 Mar 2019 20:15

Tgt Ion: 164 Resp: 137865
 Ion Ratio Lower Upper
 164 100
 162 103.2 81.6 122.4
 160 42.8 34.2 51.2

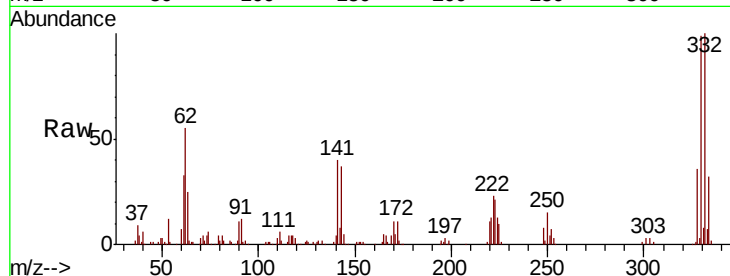




#42
 2,4,6-Tribromophenol
 Concen: 75.948 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG040091.D
 Acq: 22 Mar 2019 20:15

Instrument :
 BNA_G
 ClientSampleId :
 031819-LIFT-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.7	113.5
141	39.4	35.6	53.4

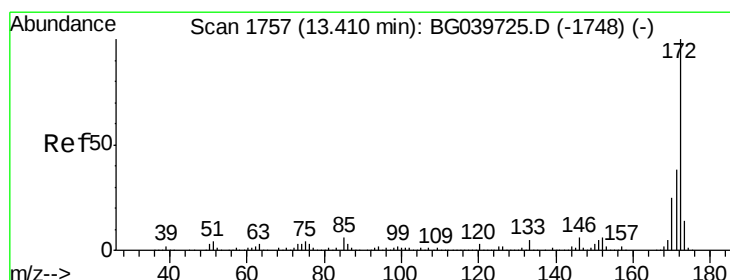
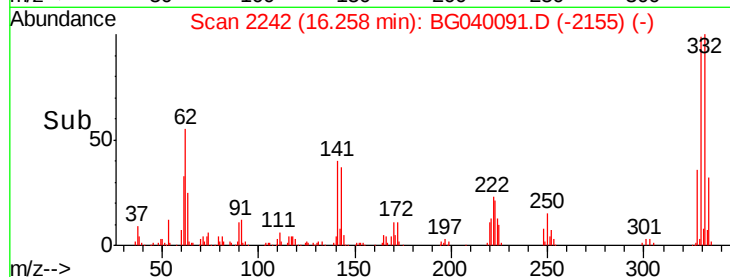
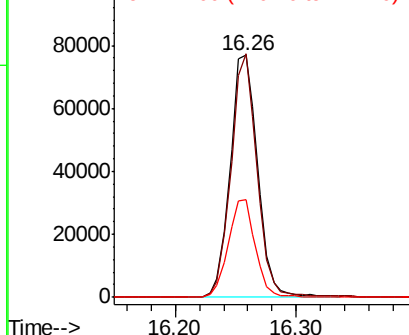


Abundance

Ion 329.80 (329.50 to 330.50): E

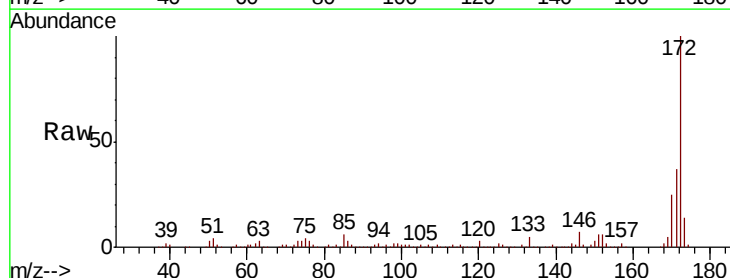
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 67.446 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040091.D
 Acq: 22 Mar 2019 20:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	25.3	20.2	30.4

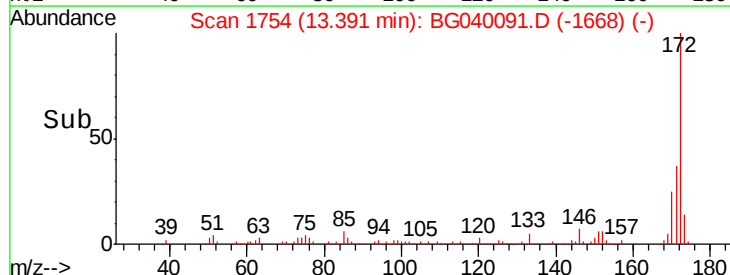
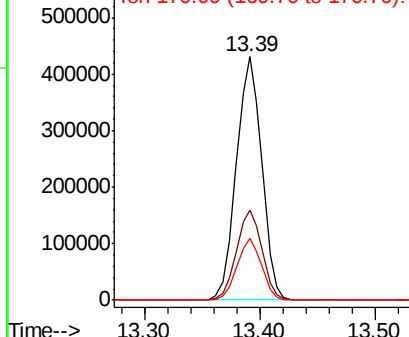


Abundance

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: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

Instrument :

BNA_G

ClientSampleId :

031819-LIFT-F-D-S

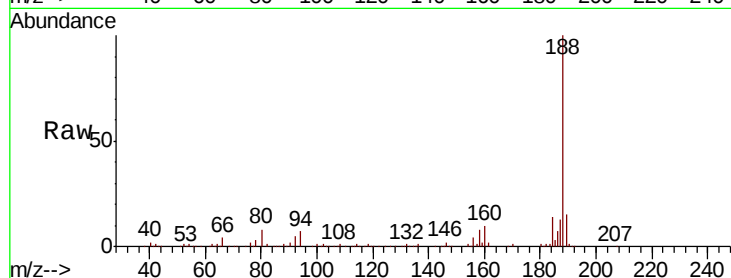
Tot Ion:188 Resp: 338093

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

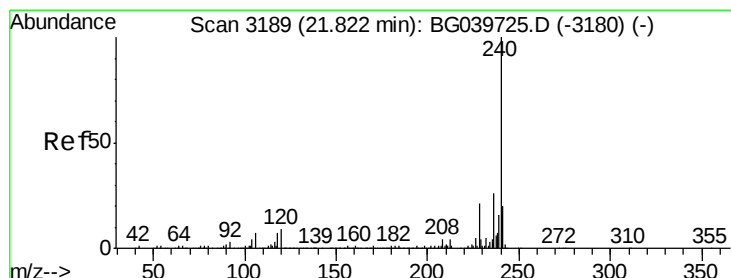
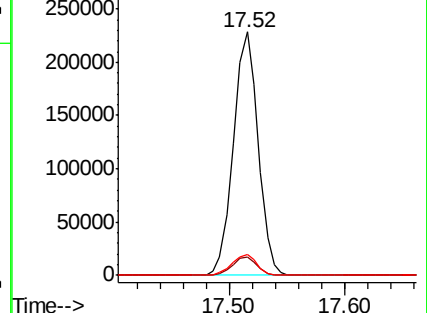
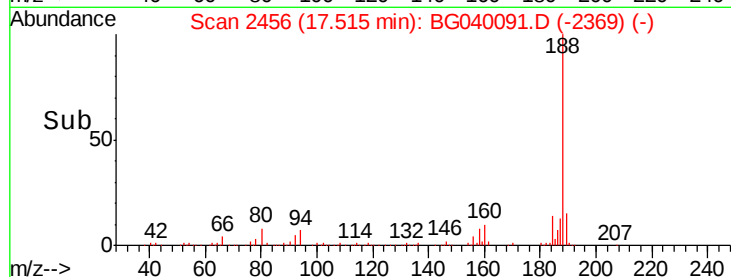
80 8.5 8.1 12.1



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: 21.80 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

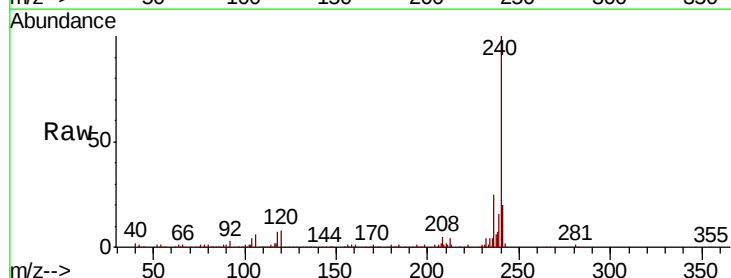
Tgt Ion:240 Resp: 330889

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

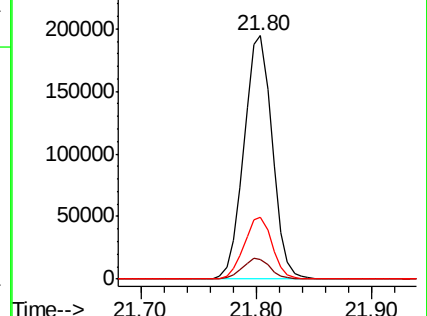
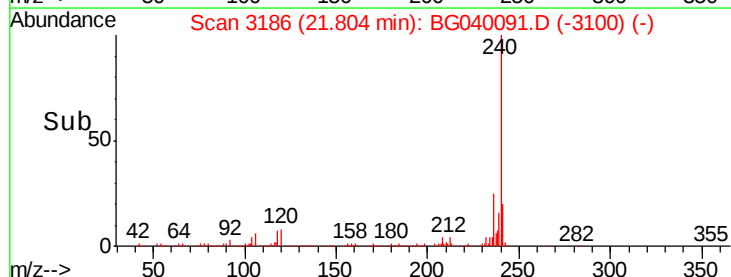
236 25.3 21.0 31.4

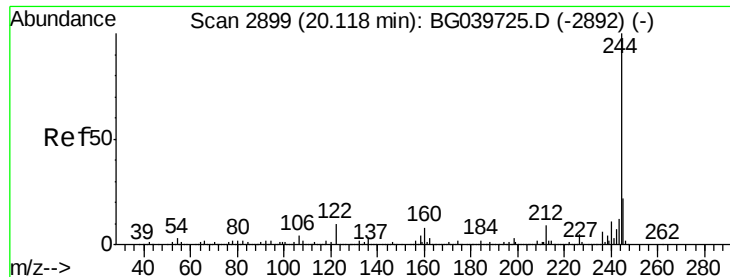


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 61.660 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

Instrument :

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031819-LIFT-F-D-S

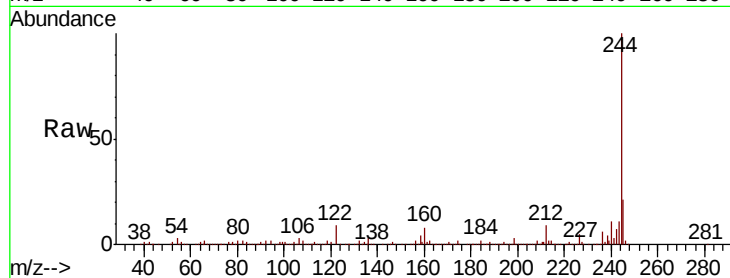
Tot Ion:244 Resp: 926632

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

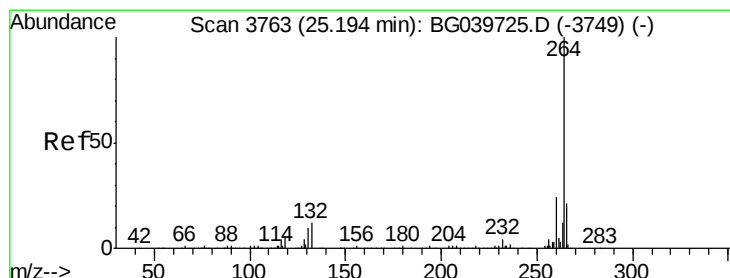
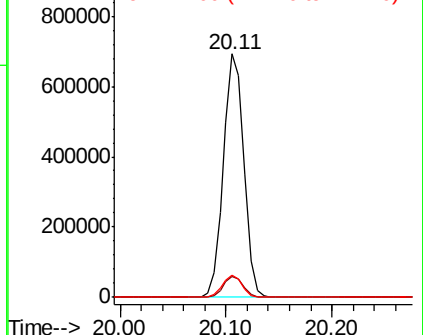
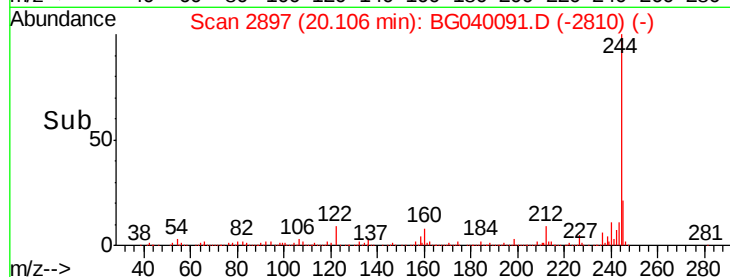
122 9.2 8.4 12.6



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# 3758

Delta R.T. -0.04 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

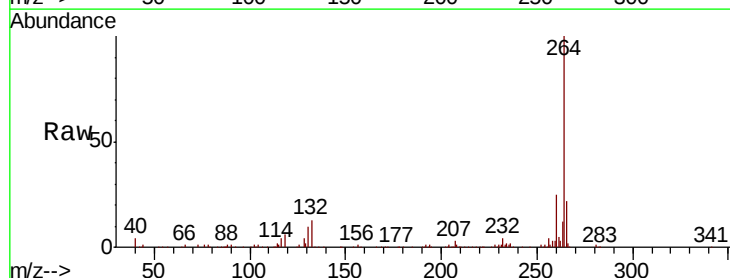
Tgt Ion:264 Resp: 326060

Ion Ratio Lower Upper

264 100

260 24.9 18.2 27.4

265 22.5 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

