

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
 Data File : BG040930.D
 Acq On : 14 May 2019 3:38
 Operator : HP/JU
 Sample : K2818-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 050919-ESLT-F-D-S

Quant Time: May 14 07:05:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

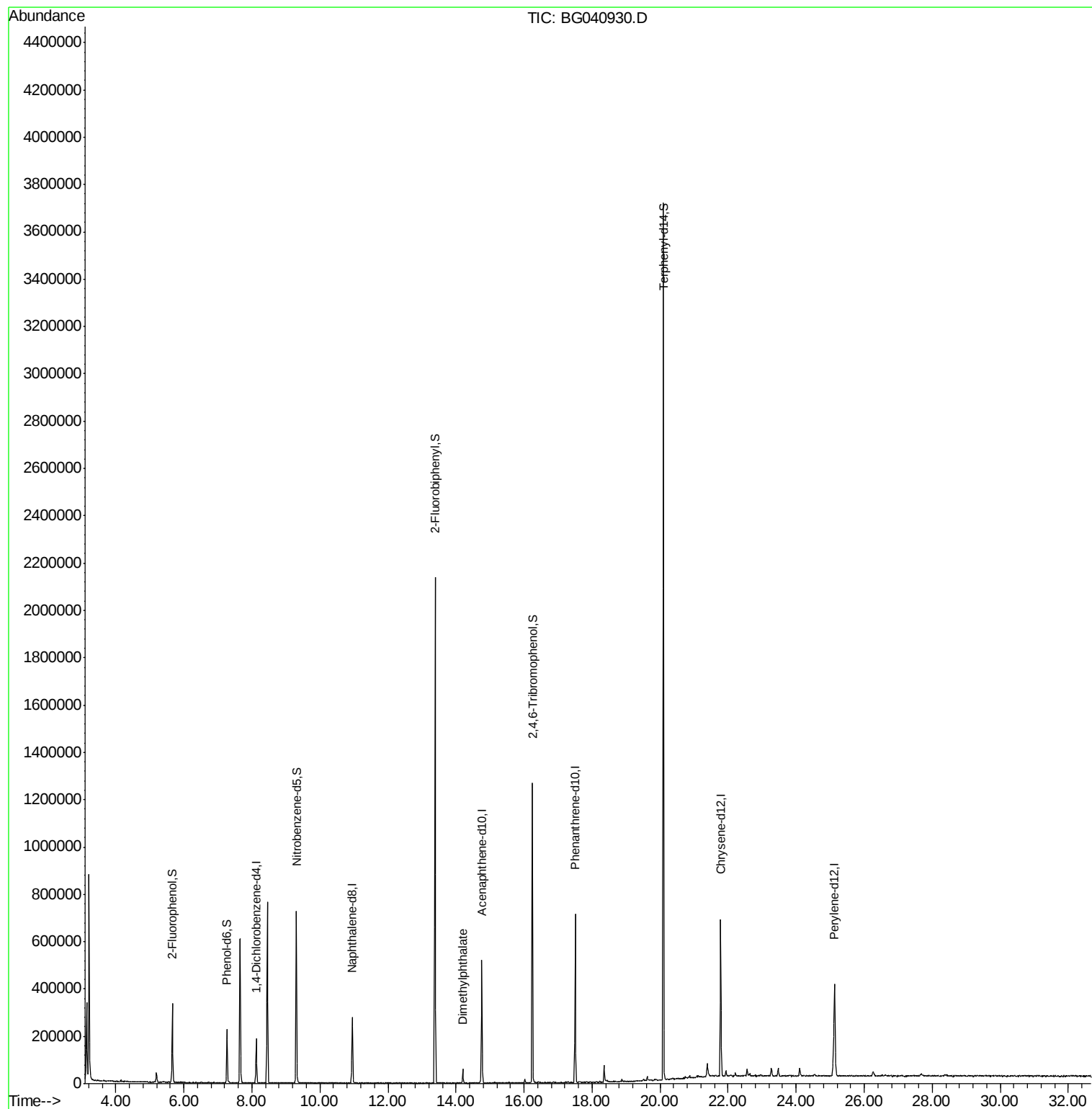
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	50226	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	219784	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	173549	20.00	ng	-0.03
64) Phenanthrene-d10	17.50	188	429918	20.00	ng	-0.03
76) Chrysene-d12	21.78	240	424994	20.00	ng	-0.04
87) Perylene-d12	25.13	264	455817	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	127282	44.67	ng	-0.02
7) Phenol-d6	7.27	99	119706	27.29	ng	-0.03
23) Nitrobenzene-d5	9.31	82	443827	93.31	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	240797	100.94	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	1072785	89.27	ng	-0.03
79) Terphenyl-d14	20.10	244	1734006	90.39	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.20	163	37041	2.551	ng	Qvalue # 96

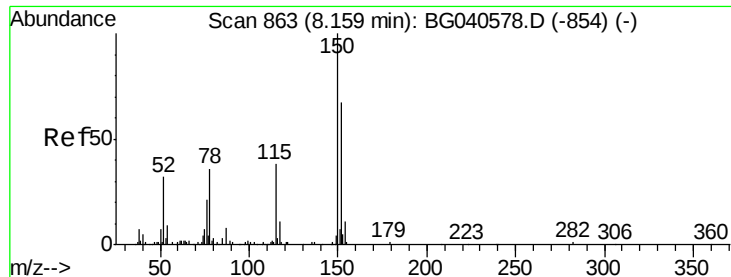
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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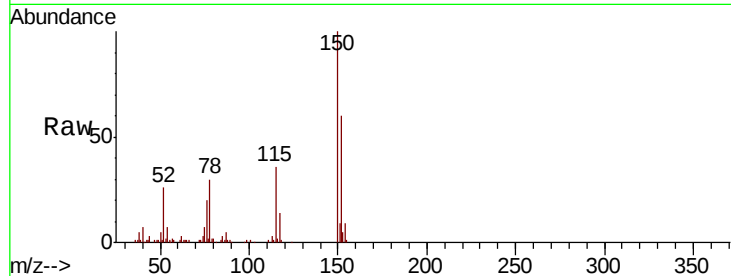


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 857
Delta R.T. -0.03 min
Lab File: BG040930.D
Acq: 14 May 2019 3:38

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.6	120.2	180.2
115	60.4	46.2	69.2

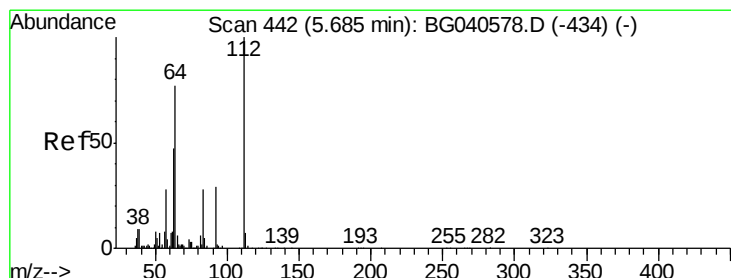
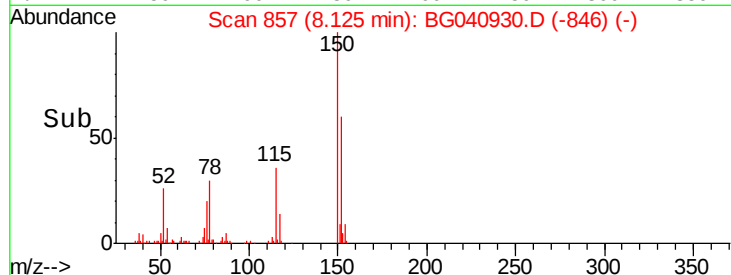
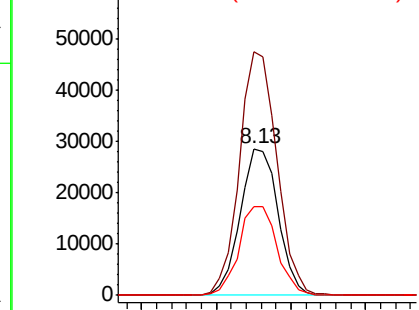


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

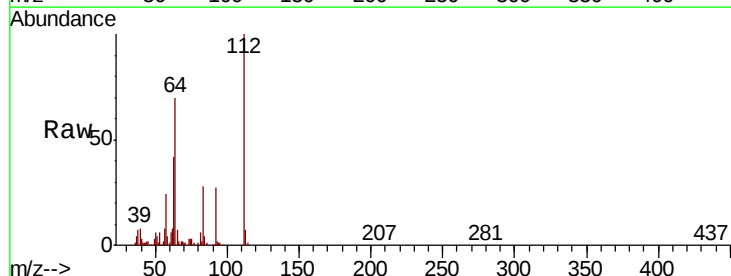
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 44.672 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040930.D
Acq: 14 May 2019 3:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	61.4	92.0
63	41.7	37.8	56.6

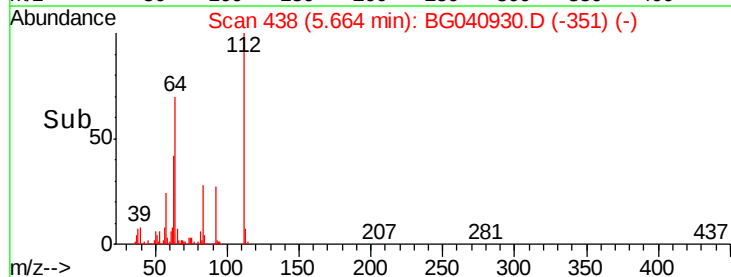
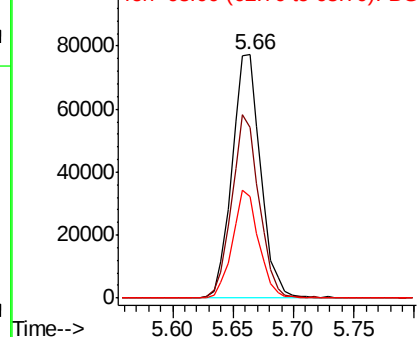


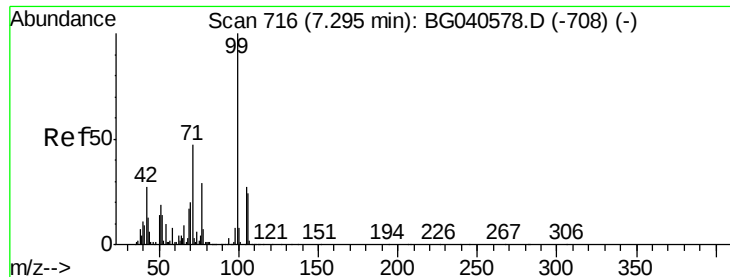
Abundance

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: 27.286 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.03 min

Lab File: BG040930.D

Acq: 14 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

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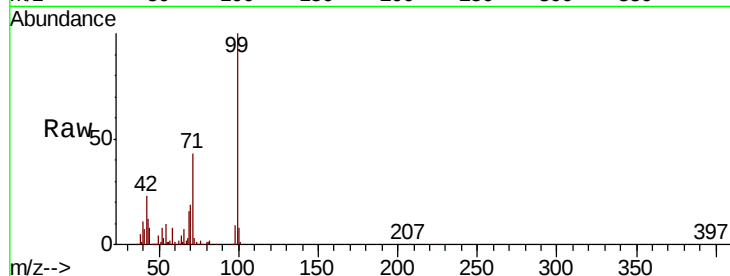
Tot Ion: 99 Resp: 119706

Ion Ratio Lower Upper

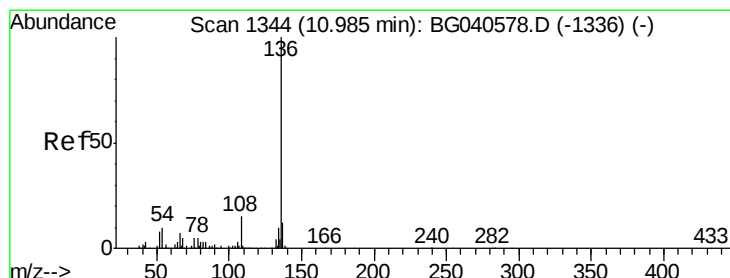
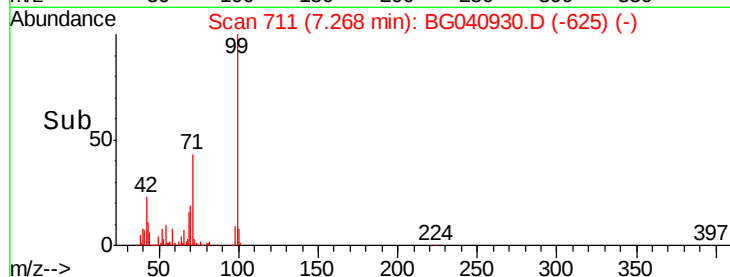
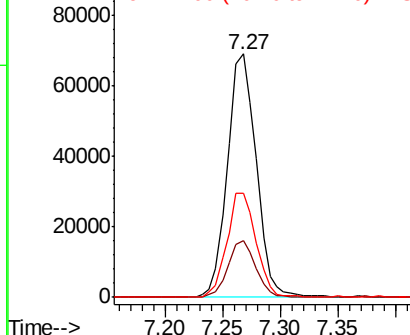
99 100

42 23.2 21.8 32.8

71 42.7 38.6 57.8



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: 10.95 min Scan# 1338

Delta R.T. -0.03 min

Lab File: BG040930.D

Acq: 14 May 2019 3:38

Tgt Ion: 136 Resp: 219784

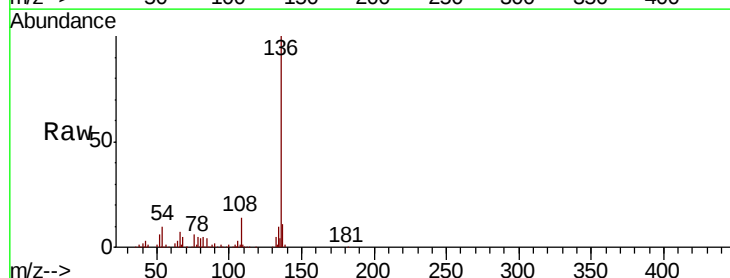
Ion Ratio Lower Upper

136 100

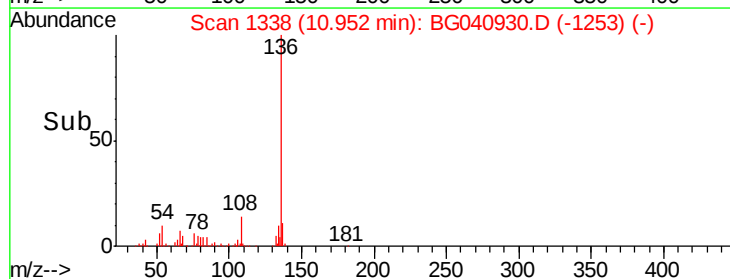
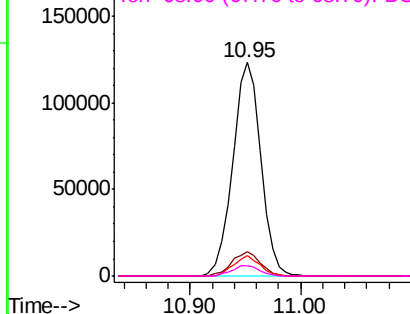
137 11.2 9.7 14.5

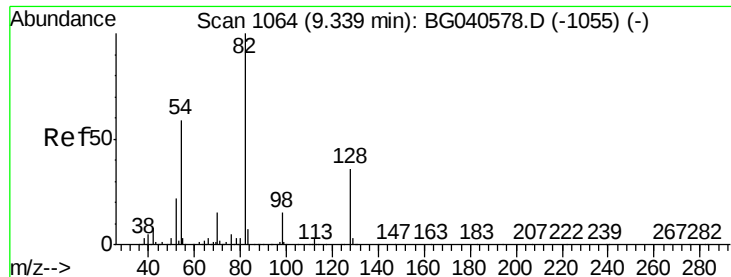
54 9.9 8.6 12.8

68 4.7 4.8 7.2#



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

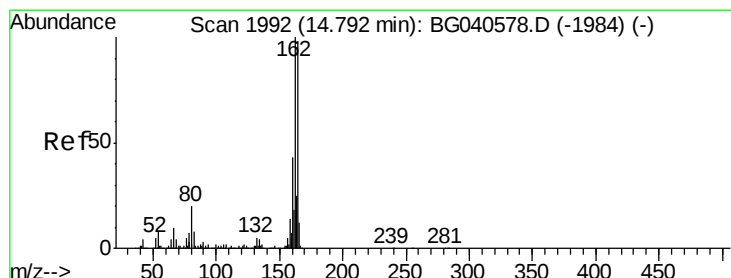
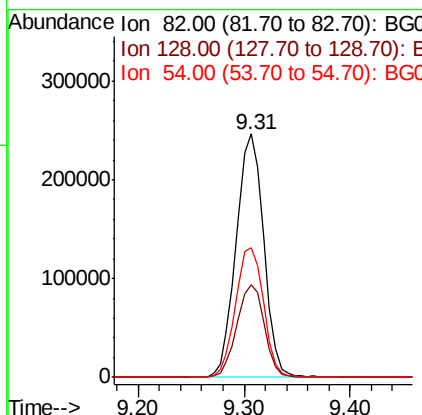
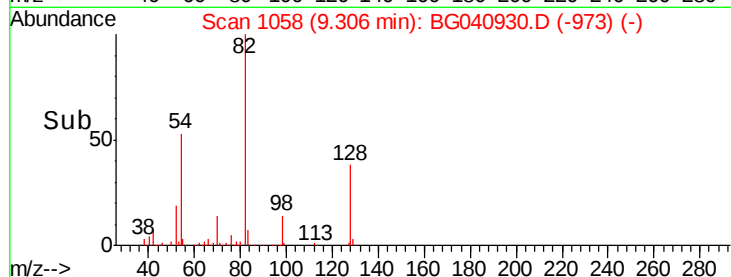
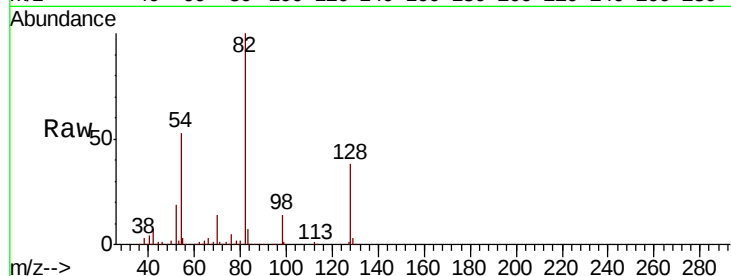




#23
Nitrobenzene-d5
Concen: 93.308 ng
RT: 9.31 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BG040930.D
Acq: 14 May 2019 3:38

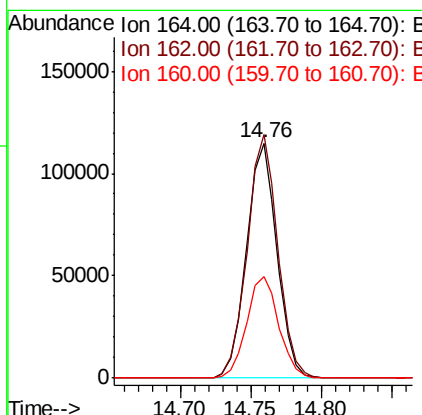
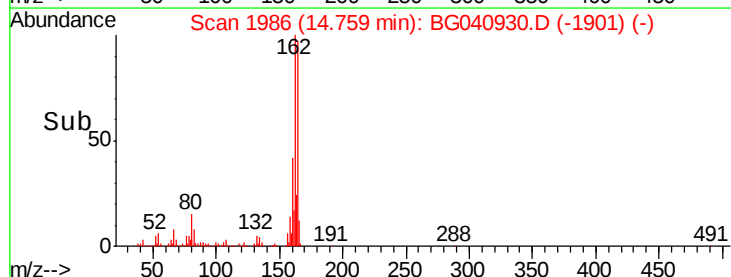
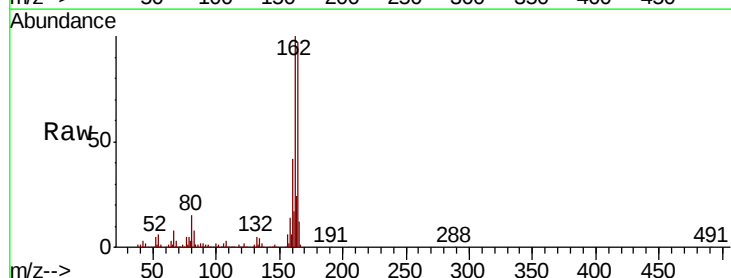
Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-S

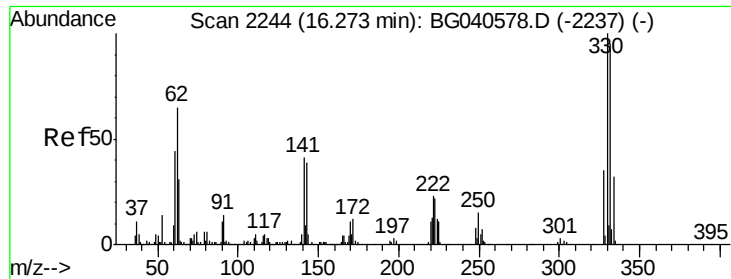
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.3	28.9	43.3
54	53.0	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.03 min
Lab File: BG040930.D
Acq: 14 May 2019 3:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.9	122.9
160	43.0	35.4	53.2

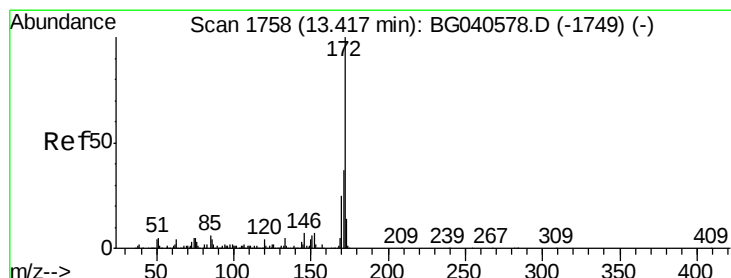
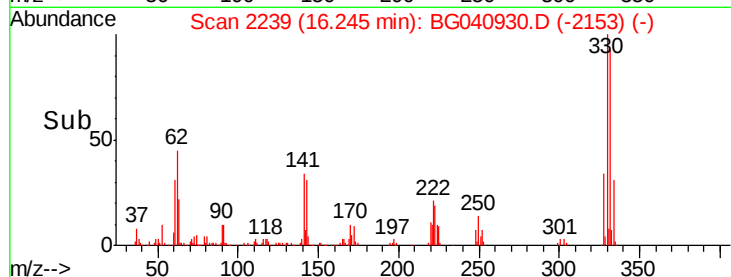
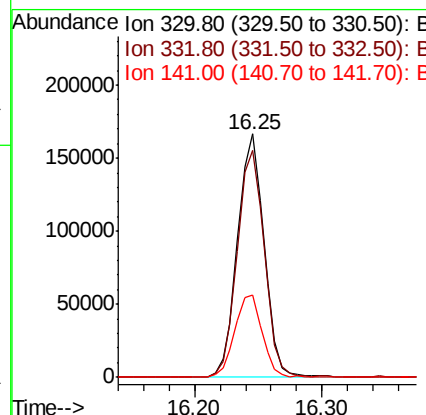
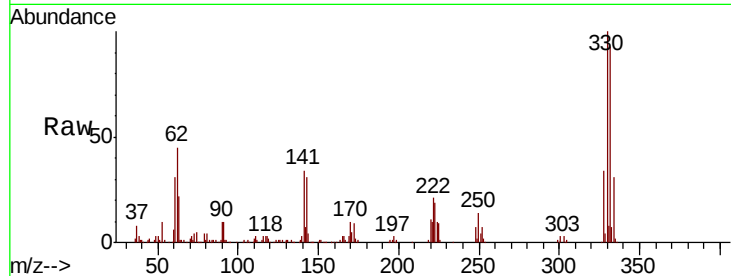




#42
 2,4,6-Tribromophenol
 Concen: 100.943 ng
 RT: 16.25 min Scan# 2239
 Delta R.T. -0.03 min
 Lab File: BG040930.D
 Acq: 14 May 2019 3:38

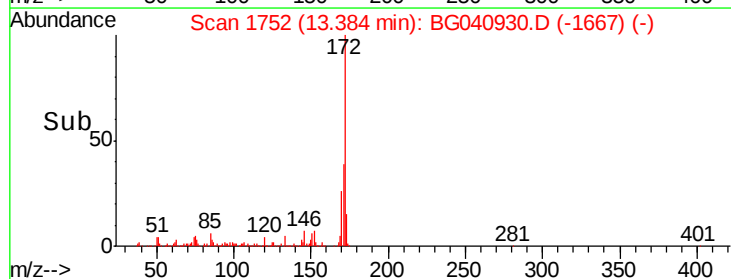
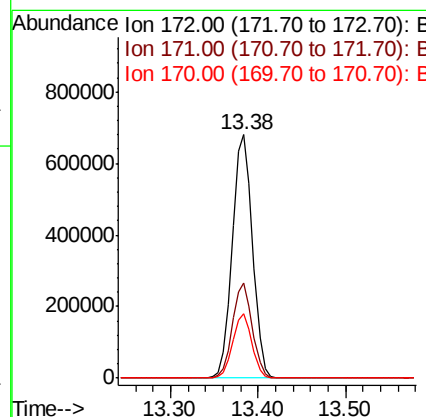
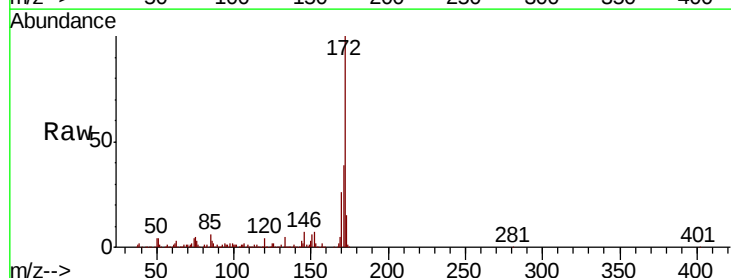
Instrument :
 BNA_G
 ClientSampleId :
 050919-ESLT-F-D-S

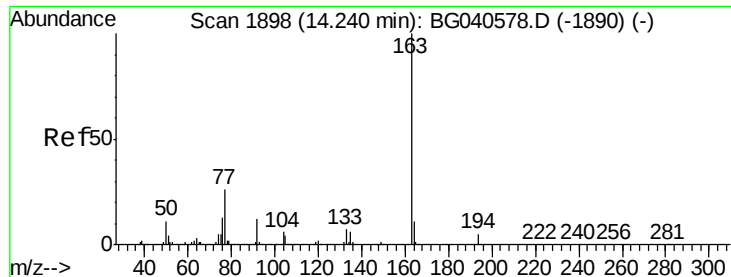
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.9	113.9
141	35.0	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 89.273 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.03 min
 Lab File: BG040930.D
 Acq: 14 May 2019 3:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	29.4	44.2
170	26.4	19.9	29.9





#50

Dimethylphthalate

Concen: 2.551 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.04 min

Lab File: BG040930.D

Acq: 14 May 2019 3:38

Instrument :

BNA_G

ClientSampleId :

050919-ESLT-F-D-S

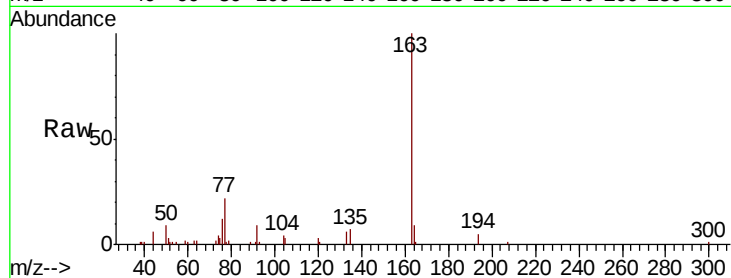
Tot Ion:163 Resp: 37041

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.8

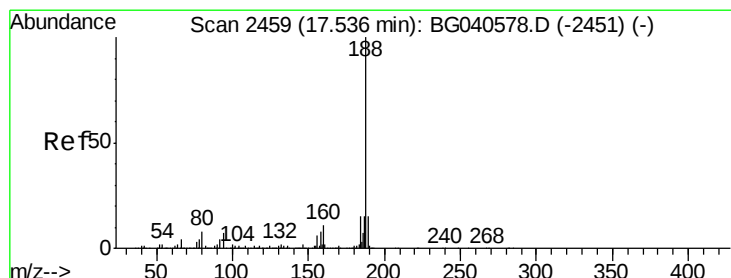
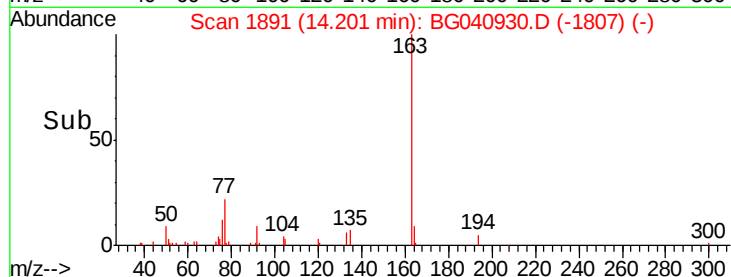
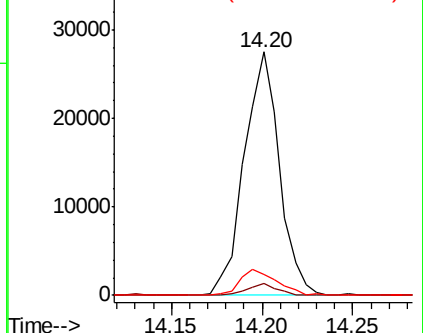
164 8.6 8.8 13.2#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.03 min

Lab File: BG040930.D

Acq: 14 May 2019 3:38

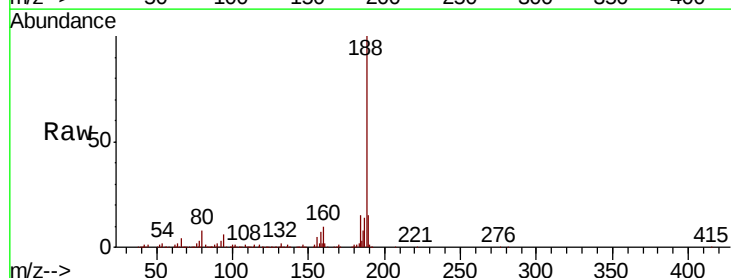
Tgt Ion:188 Resp: 429918

Ion Ratio Lower Upper

188 100

94 5.6 5.6 8.4#

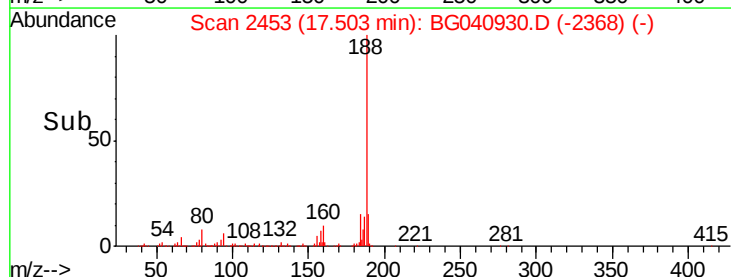
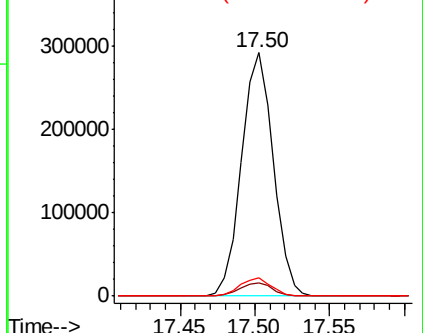
80 7.7 6.4 9.6

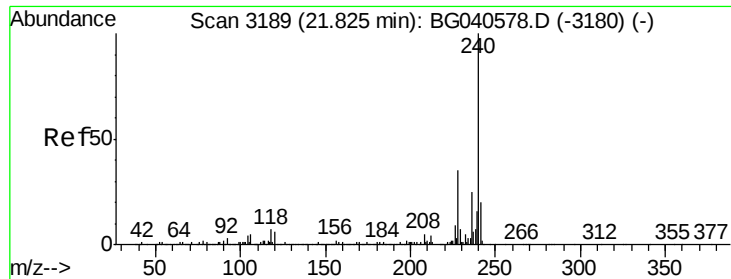


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

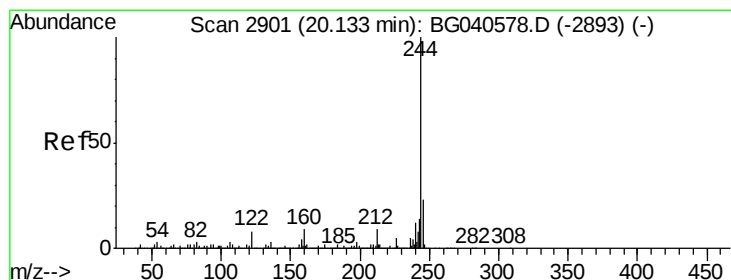
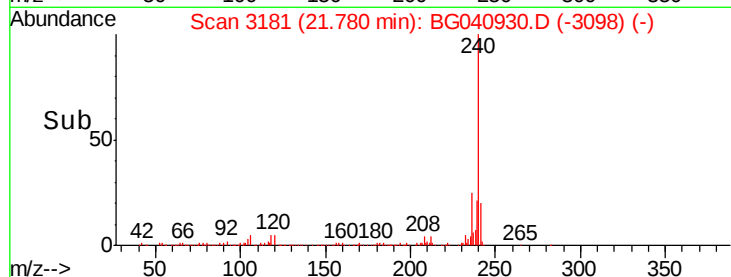
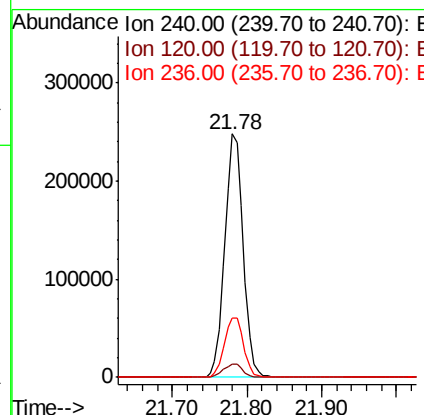
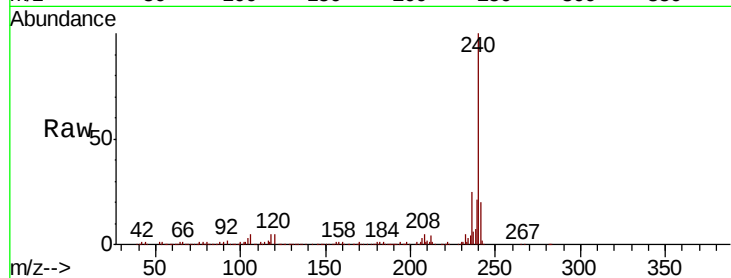




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.04 min
Lab File: BG040930.D
Acq: 14 May 2019 3:38

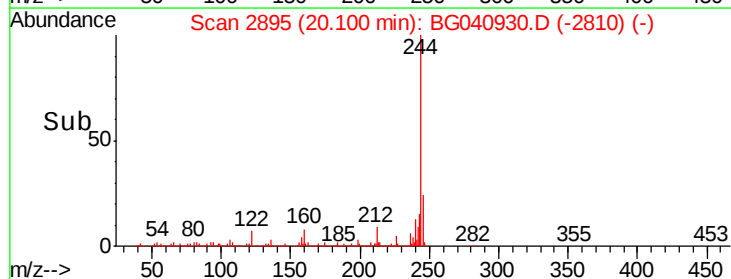
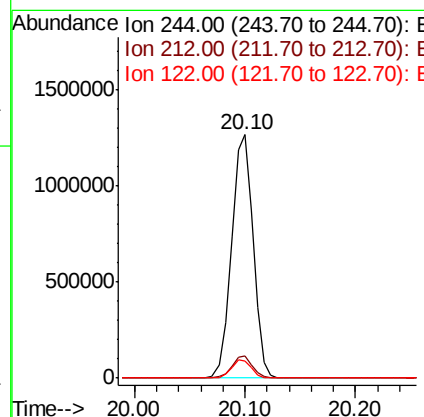
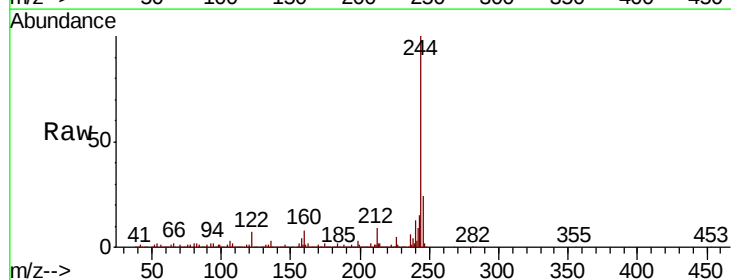
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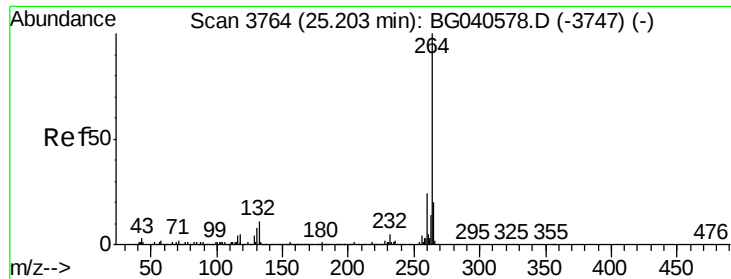
Tot Ion:240 Resp: 424994
Ion Ratio Lower Upper
240 100
120 5.2 5.0 7.6
236 24.5 20.3 30.5



#79
Terphenyl-d14
Concen: 90.391 ng
RT: 20.10 min Scan# 2895
Delta R.T. -0.03 min
Lab File: BG040930.D
Acq: 14 May 2019 3:38

Tgt Ion:244 Resp: 1734006
Ion Ratio Lower Upper
244 100
212 9.0 7.2 10.8
122 7.2 6.6 10.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.13 min Scan# 3751
 Delta R.T. -0.07 min
 Lab File: BG040930.D
 Acq: 14 May 2019 3:38

Instrument :
 BNA_G
 ClientSampleId :
 050919-ESLT-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.4	16.6	25.0

