

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
 Data File : BG040933.D
 Acq On : 14 May 2019 5:31
 Operator : HP/JU
 Sample : K2818-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: May 14 07:09:07 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

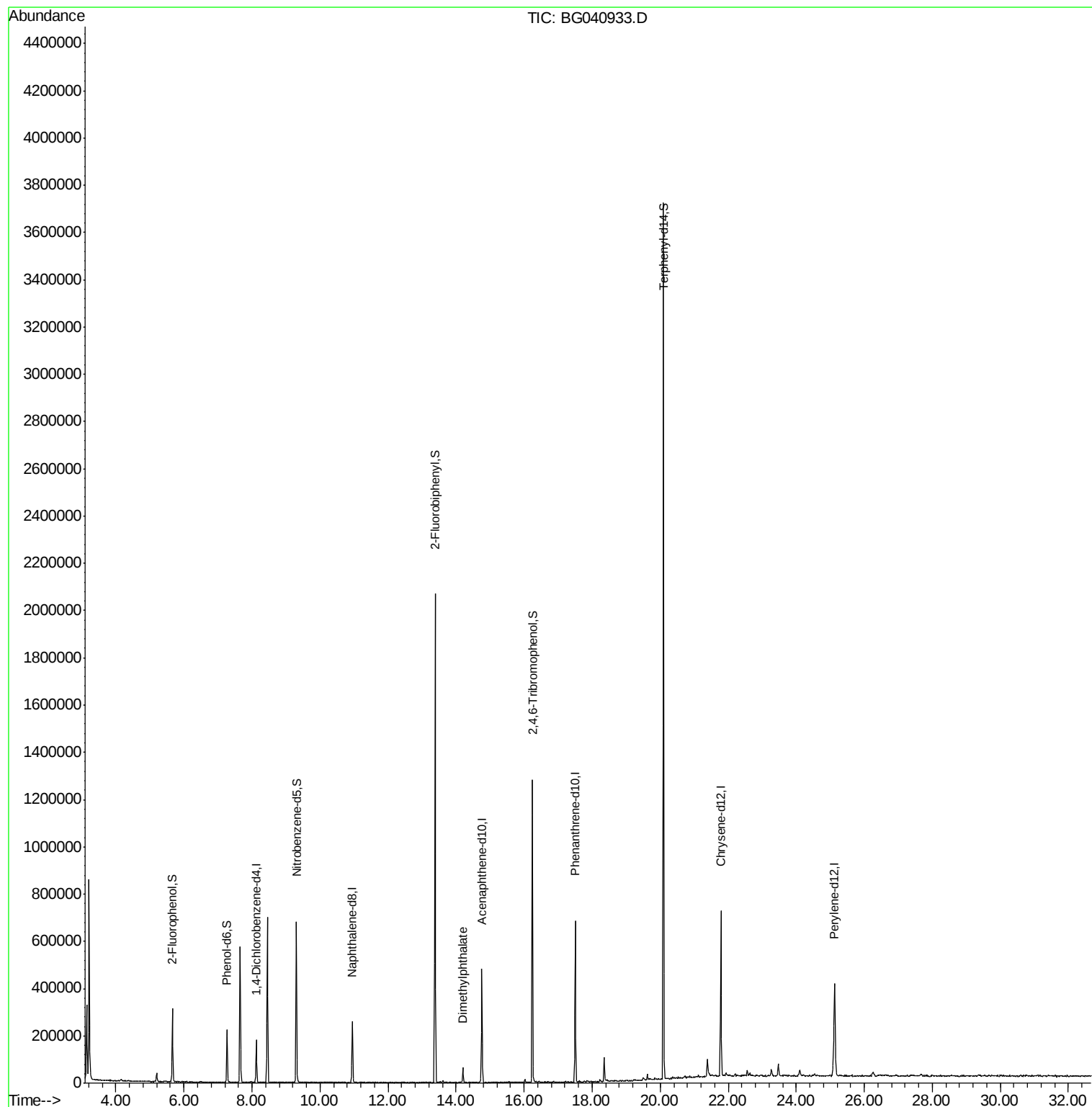
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	46351	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	207108	20.00	ng	-0.04
39) Acenaphthene-d10	14.76	164	167225	20.00	ng	-0.04
64) Phenanthrene-d10	17.50	188	428726	20.00	ng	-0.04
76) Chrysene-d12	21.78	240	427306	20.00	ng	-0.04
87) Perylene-d12	25.13	264	465322	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	120894	45.98	ng	-0.02
7) Phenol-d6	7.27	99	114013	28.16	ng	-0.03
23) Nitrobenzene-d5	9.30	82	410204	91.52	ng	-0.04
42) 2,4,6-Tribromophenol	16.24	330	235864	102.61	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	1017171	87.85	ng	-0.04
79) Terphenyl-d14	20.10	244	1731902	89.79	ng	-0.04
Target Compounds						Qvalue
50) Dimethylphthalate	14.20	163	41391	2.958	ng	99

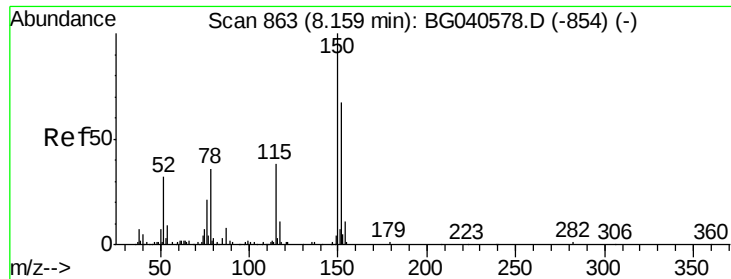
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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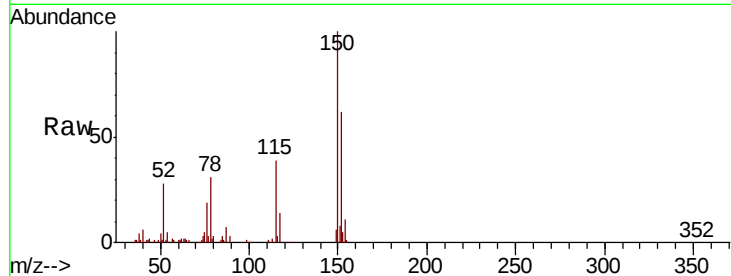


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040933.D
Acq: 14 May 2019 5:31

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	120.2	180.2
115	61.8	46.2	69.2

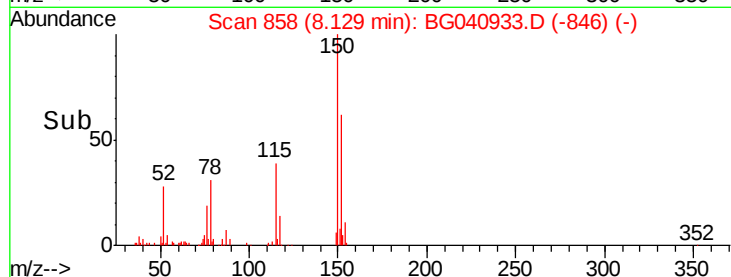
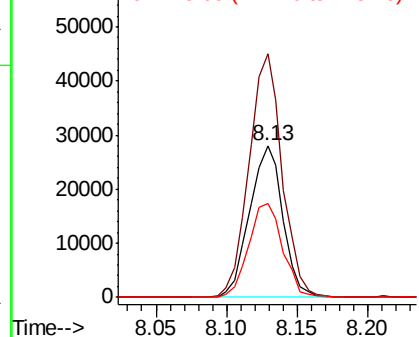


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

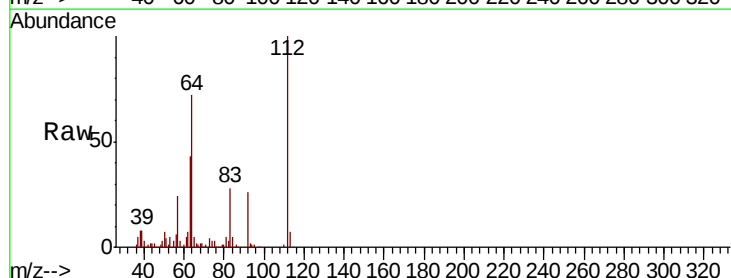
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 45.977 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040933.D
Acq: 14 May 2019 5:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.8	61.4	92.0
63	42.8	37.8	56.6

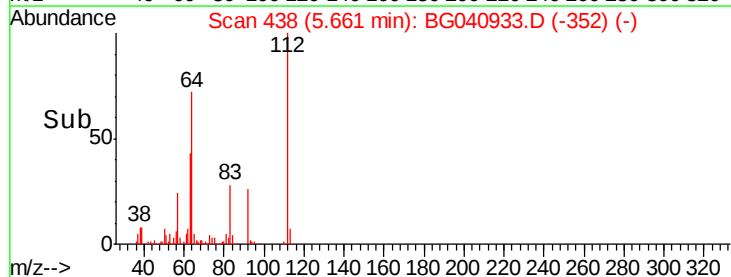
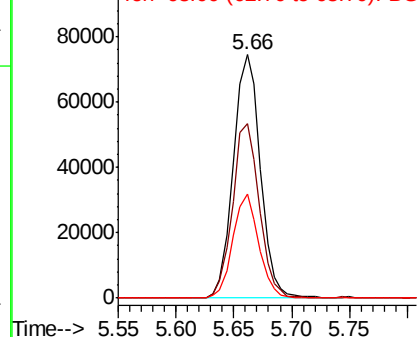


Abundance

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: 28.161 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.03 min

Lab File: BG040933.D

Acq: 14 May 2019 5:31

Instrument :

BNA_G

ClientSampleId :

050919-ESLT-F-U-S

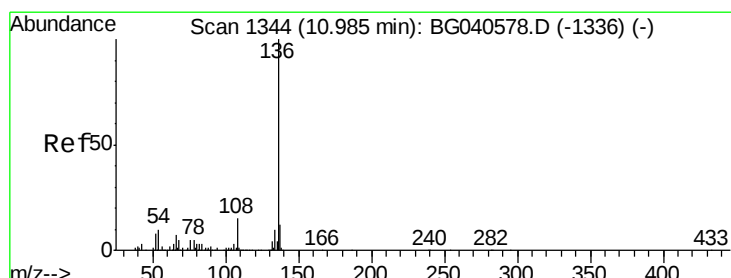
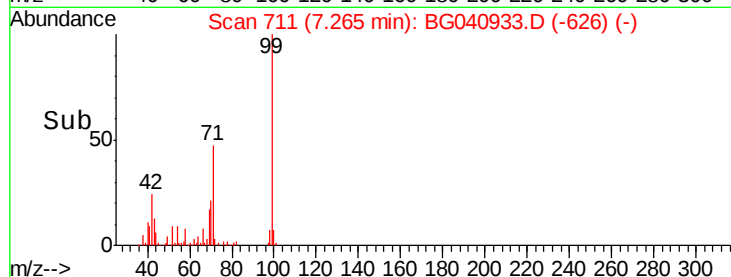
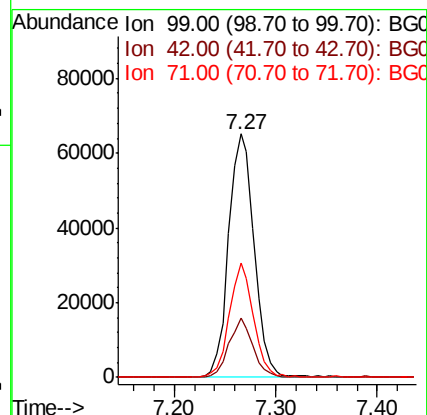
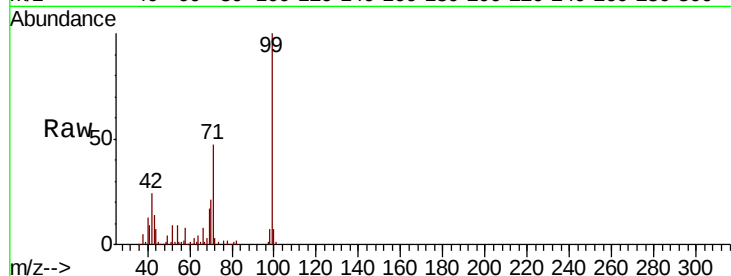
Tot Ion: 99 Resp: 114013

Ion Ratio Lower Upper

99 100

42 24.1 21.8 32.8

71 47.0 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1338

Delta R.T. -0.04 min

Lab File: BG040933.D

Acq: 14 May 2019 5:31

Tgt Ion: 136 Resp: 207108

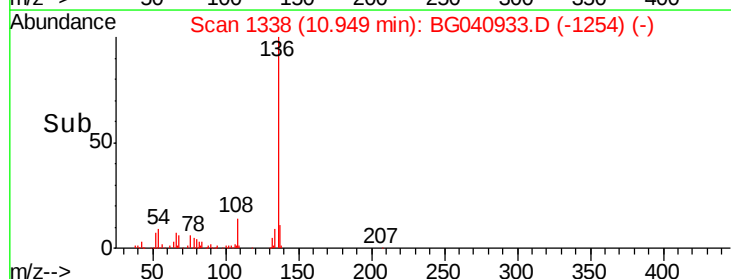
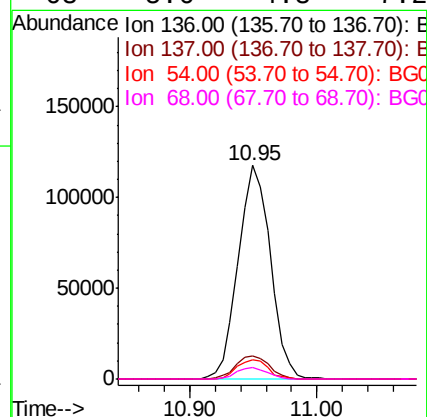
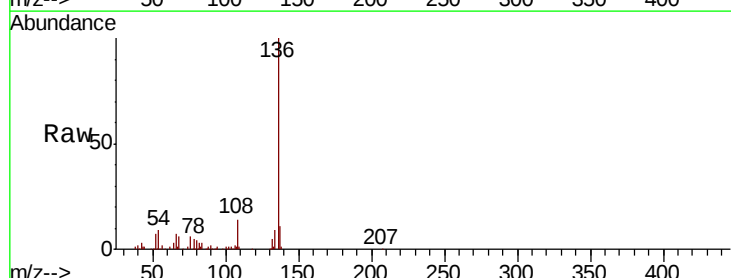
Ion Ratio Lower Upper

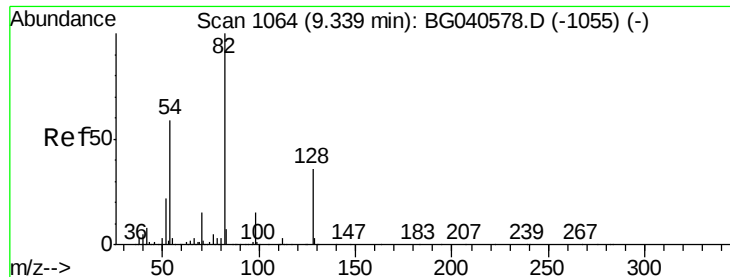
136 100

137 11.1 9.7 14.5

54 9.4 8.6 12.8

68 5.6 4.8 7.2

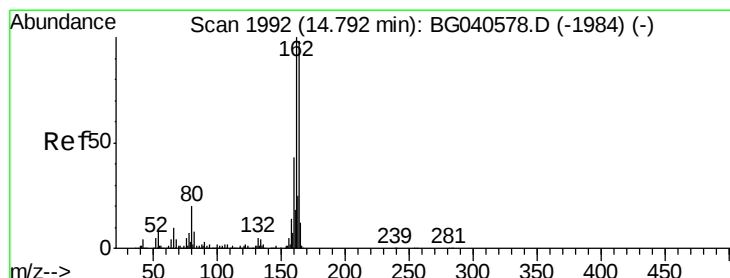
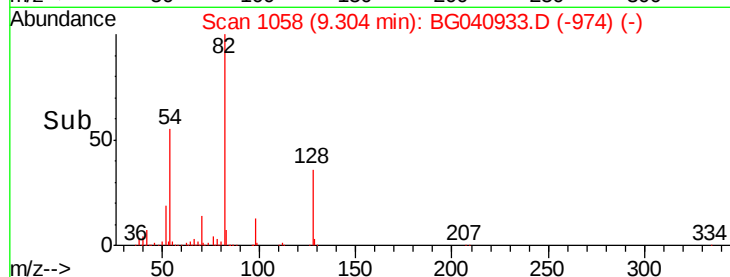
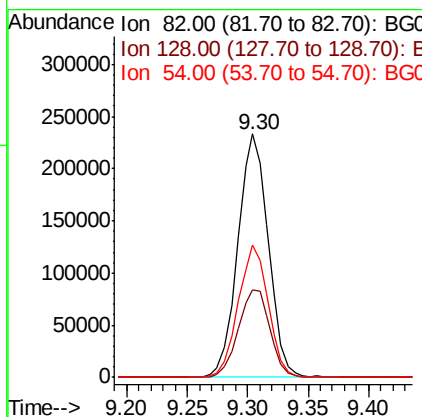
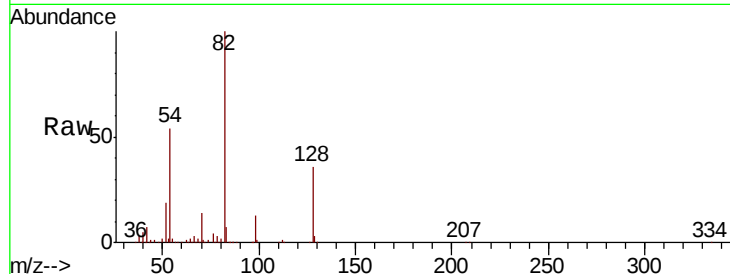




#23
 Nitrobenzene-d5
 Concen: 91.517 ng
 RT: 9.30 min Scan# 1058
 Delta R.T. -0.04 min
 Lab File: BG040933.D
 Acq: 14 May 2019 5:31

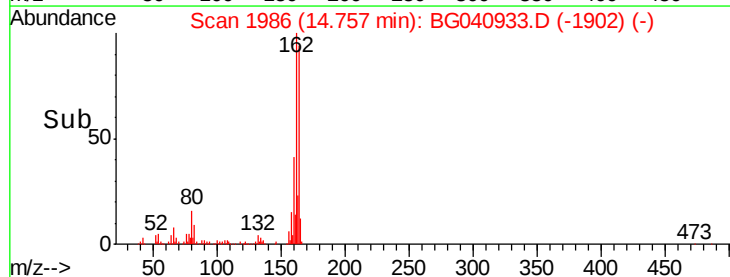
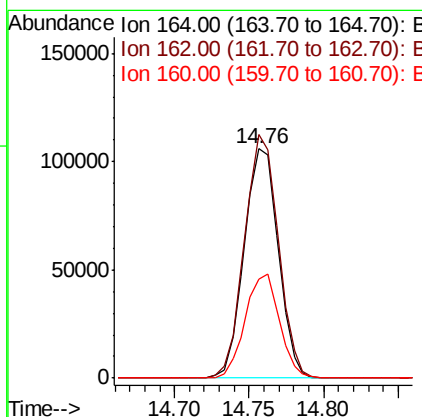
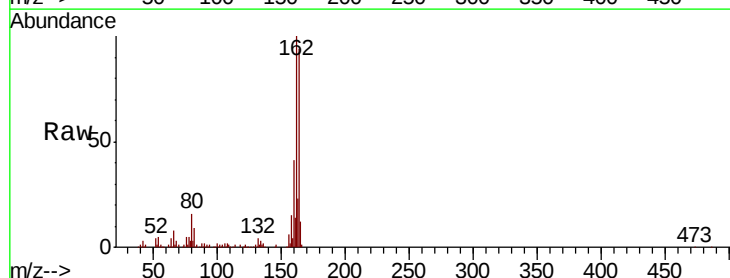
Instrument :
 BNA_G
 ClientSampleId :
 050919-ESLT-F-U-S

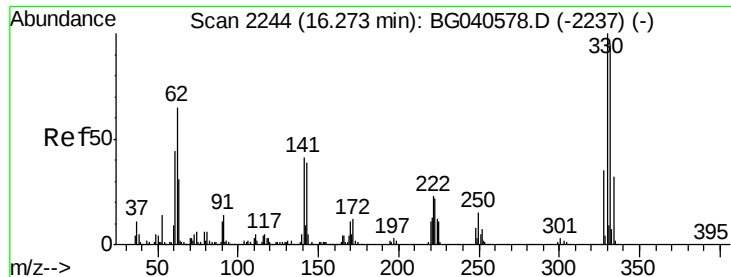
Tot Ion	82	Resp	410204
Ion Ratio	Lower	Upper	
82	100		
128	36.0	28.9	43.3
54	54.5	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.04 min
 Lab File: BG040933.D
 Acq: 14 May 2019 5:31

Tgt Ion	164	Resp	167225
Ion Ratio	Lower	Upper	
164	100		
162	106.1	81.9	122.9
160	43.4	35.4	53.2

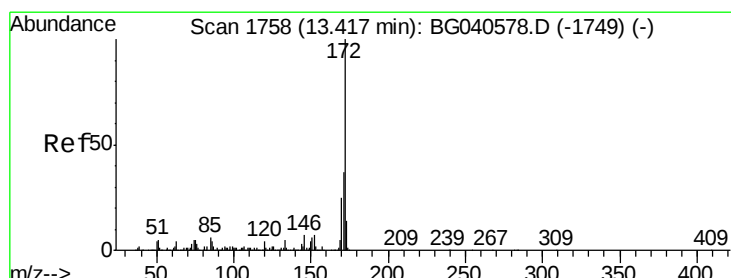
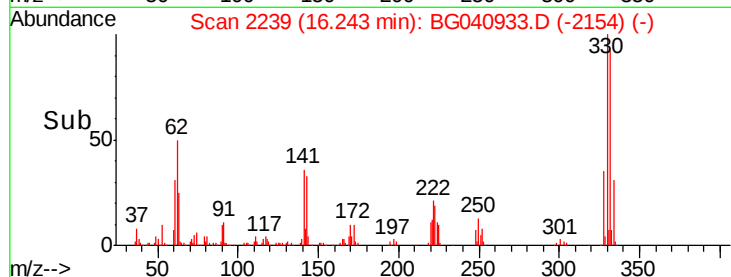
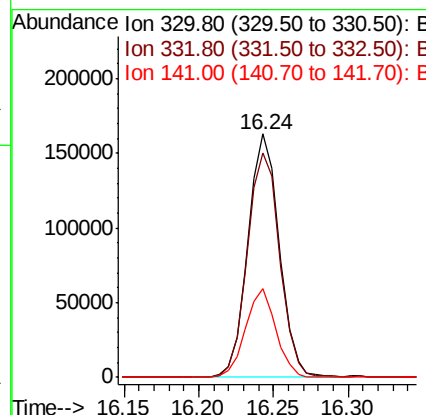
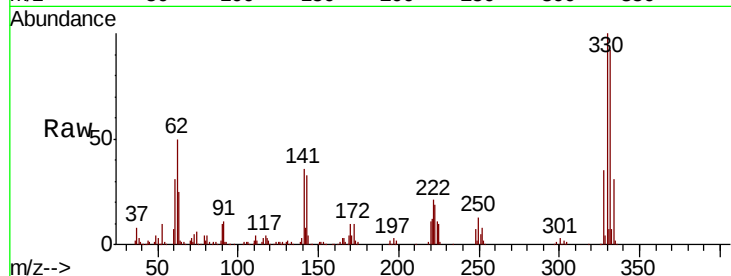




#42
 2,4,6-Tribromophenol
 Concen: 102.614 ng
 RT: 16.24 min Scan# 2239
 Delta R.T. -0.03 min
 Lab File: BG040933.D
 Acq: 14 May 2019 5:31

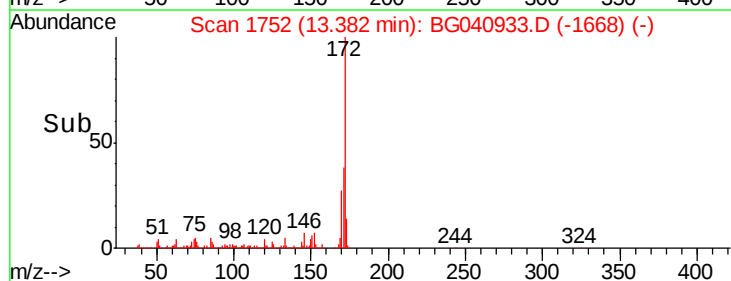
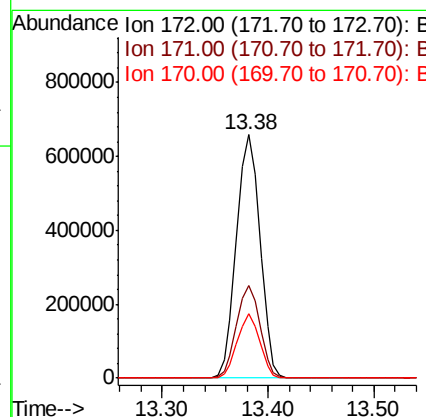
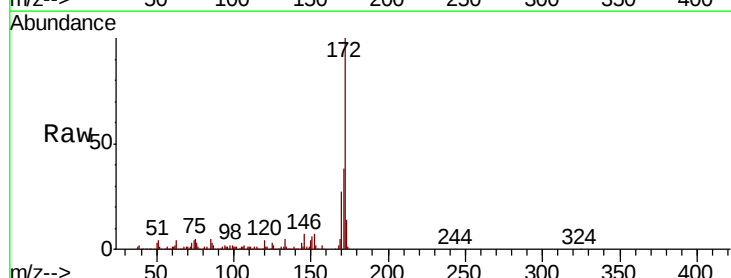
Instrument :
 BNA_G
 ClientSampleId :
 050919-ESLT-F-U-S

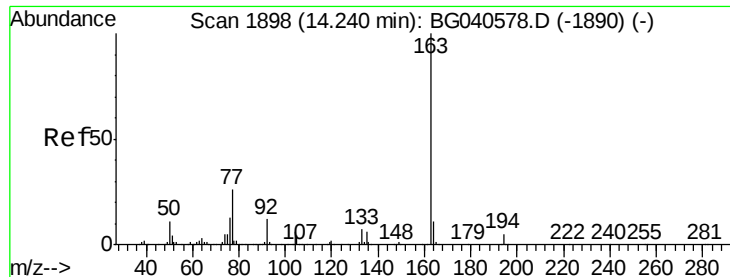
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.9	113.9
141	35.5	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 87.846 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.04 min
 Lab File: BG040933.D
 Acq: 14 May 2019 5:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.4	44.2
170	26.6	19.9	29.9





#50

Dimethylphthalate

Concen: 2.958 ng

RT: 14.20 min Scan# 1892

Delta R.T. -0.04 min

Lab File: BG040933.D

Acq: 14 May 2019 5:31

Instrument :

BNA_G

ClientSampleId :

050919-ESLT-F-U-S

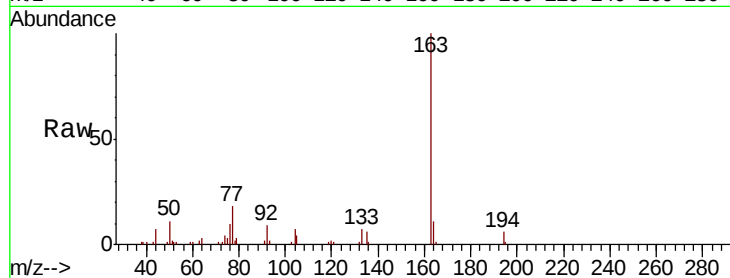
Tot Ion:163 Resp: 41391

Ion Ratio Lower Upper

163 100

194 5.6 3.8 5.8

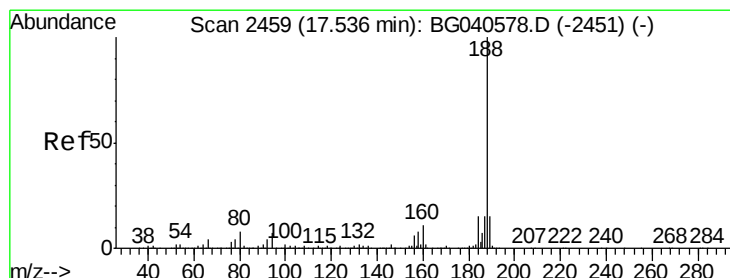
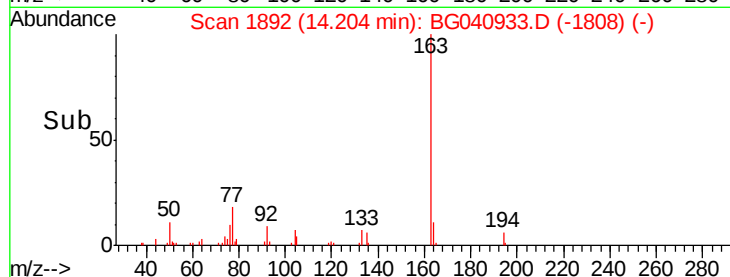
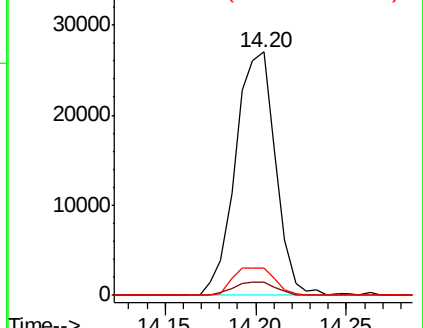
164 11.3 8.8 13.2



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. -0.04 min

Lab File: BG040933.D

Acq: 14 May 2019 5:31

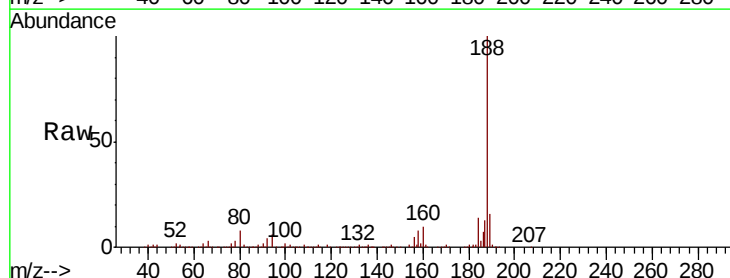
Tgt Ion:188 Resp: 428726

Ion Ratio Lower Upper

188 100

94 6.3 5.6 8.4

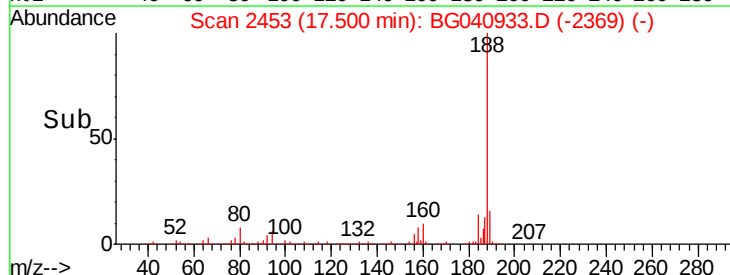
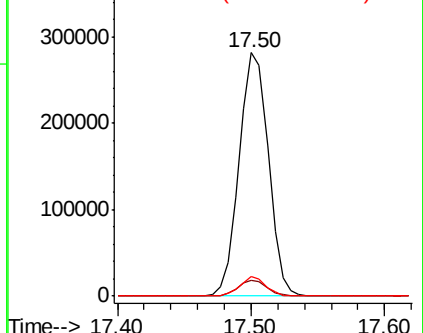
80 7.9 6.4 9.6

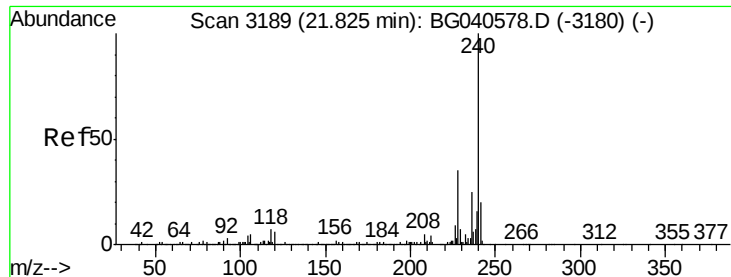


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

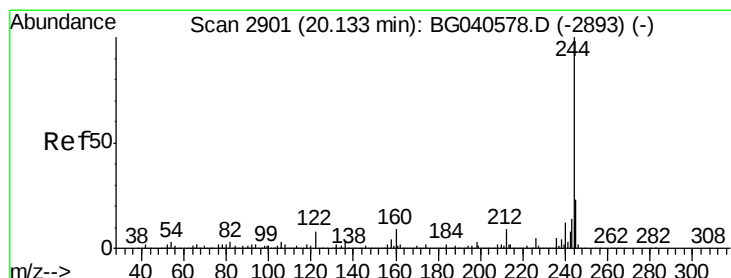
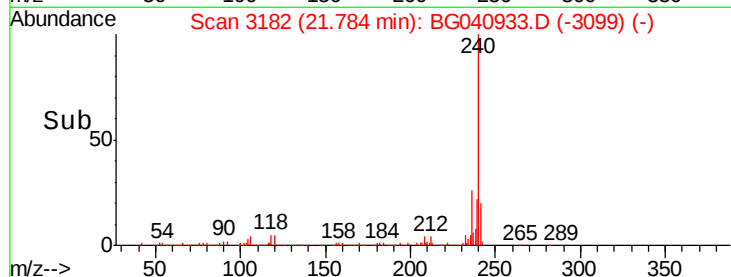
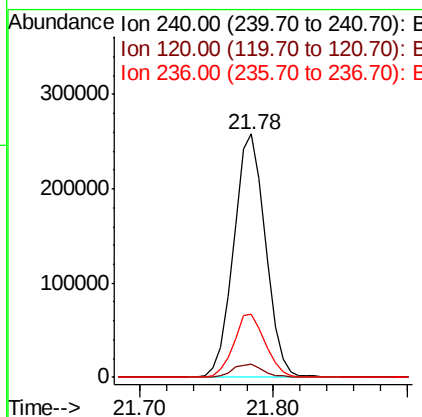
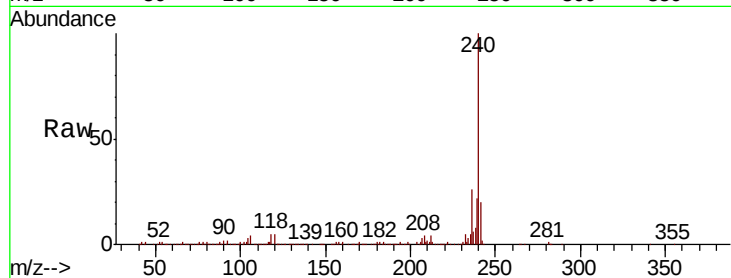




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3182
 Delta R.T. -0.04 min
 Lab File: BG040933.D
 Acq: 14 May 2019 5:31

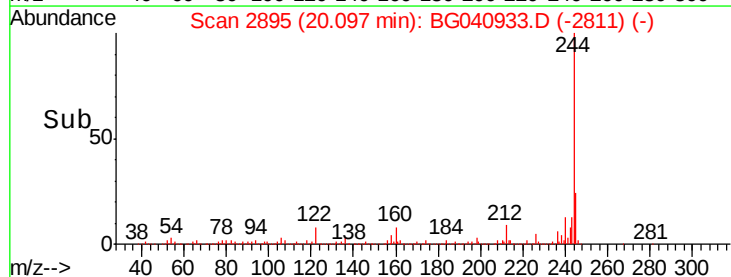
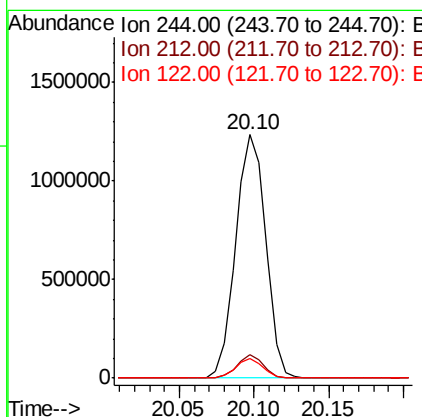
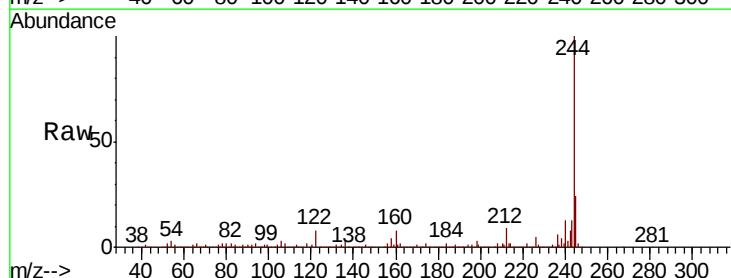
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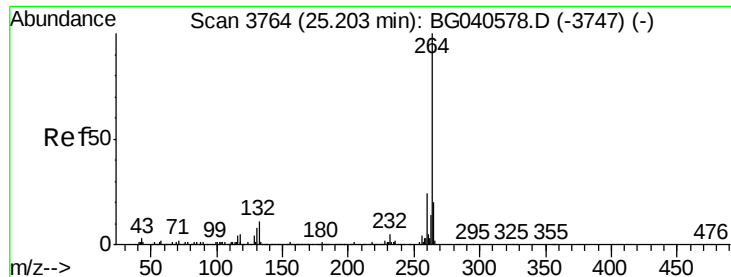
Tot Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.0	7.6
236	25.9	20.3	30.5



#79
 Terphenyl-d14
 Concen: 89.793 ng
 RT: 20.10 min Scan# 2895
 Delta R.T. -0.04 min
 Lab File: BG040933.D
 Acq: 14 May 2019 5:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.2	10.8
122	7.8	6.6	10.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.13 min Scan# 3751
 Delta R.T. -0.08 min
 Lab File: BG040933.D
 Acq: 14 May 2019 5:31

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.2	28.8
265	20.9	16.6	25.0

