

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
 Data File : BG040928.D
 Acq On : 14 May 2019 2:22
 Operator : HP/JU
 Sample : K2818-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: May 14 03:34:09 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

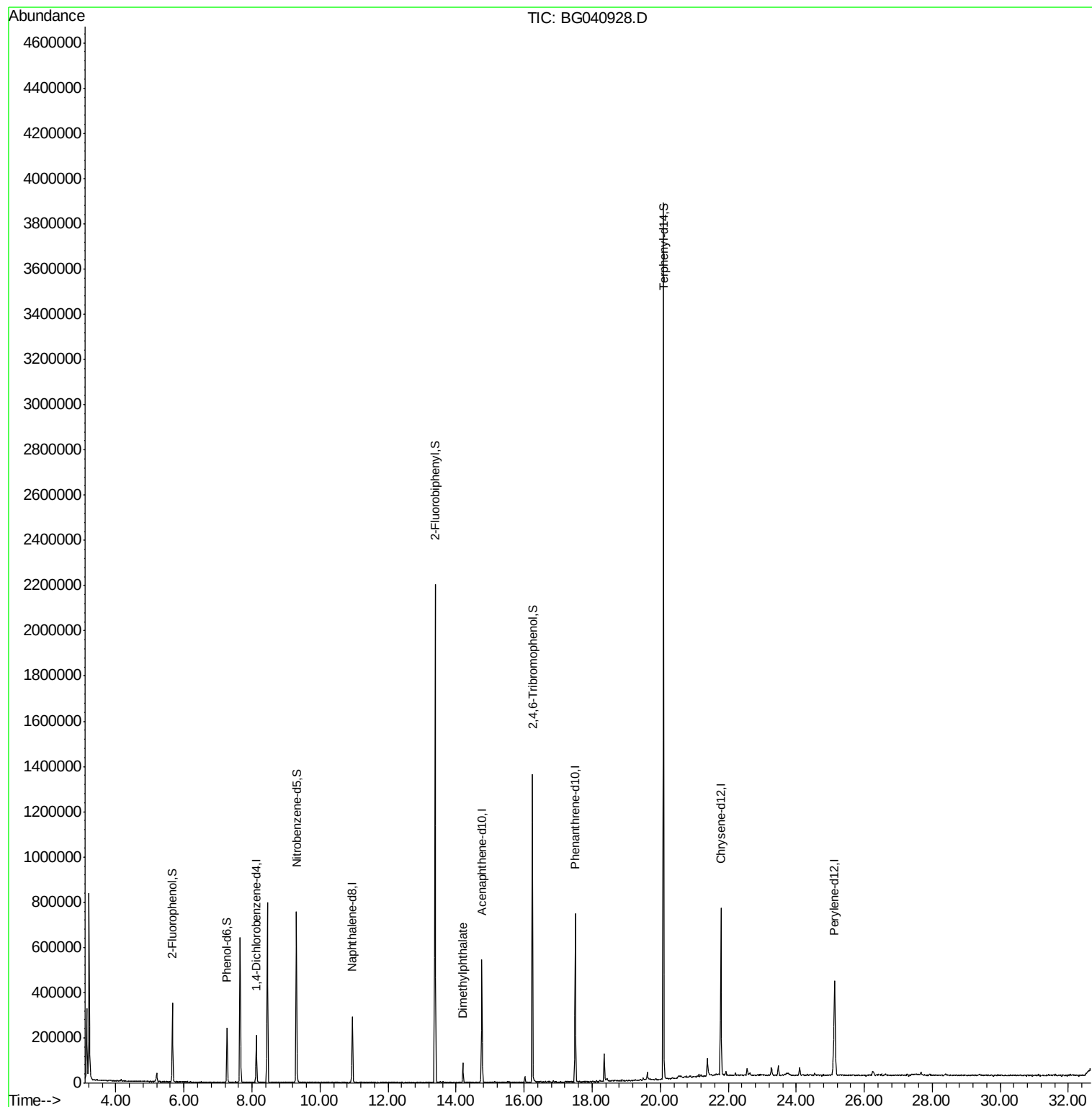
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	53729	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	232768	20.00	ng	-0.04
39) Acenaphthene-d10	14.76	164	184570	20.00	ng	-0.04
64) Phenanthrene-d10	17.50	188	461313	20.00	ng	-0.04
76) Chrysene-d12	21.78	240	452163	20.00	ng	-0.04
87) Perylene-d12	25.13	264	485847	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	134567	44.15	ng	-0.02
7) Phenol-d6	7.27	99	129561	27.61	ng	-0.03
23) Nitrobenzene-d5	9.30	82	460237	91.36	ng	-0.04
42) 2,4,6-Tribromophenol	16.24	330	247447	97.54	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	1107324	86.64	ng	-0.04
79) Terphenyl-d14	20.10	244	1781771	87.30	ng	-0.04
Target Compounds						
50) Dimethylphthalate	14.20	163	55302	3.581	ng	Qvalue # 97

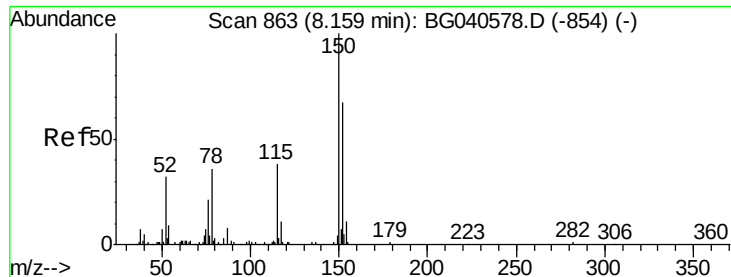
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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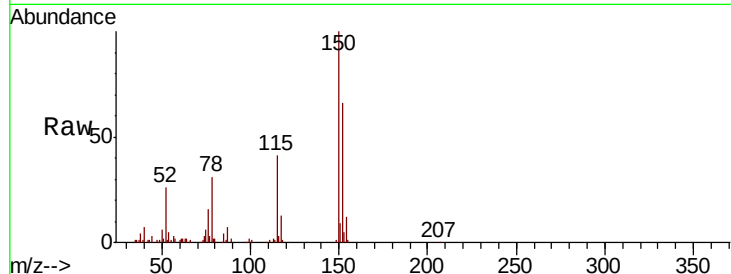


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040928.D
Acq: 14 May 2019 2:22

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	120.2	180.2
115	62.9	46.2	69.2

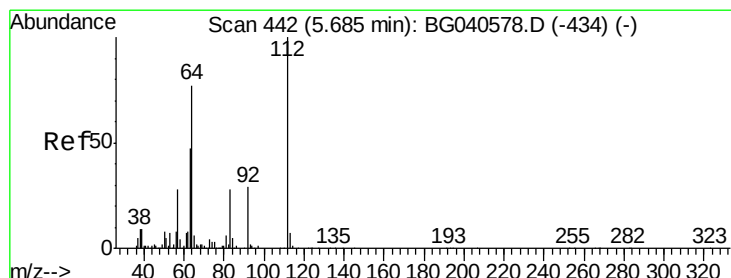
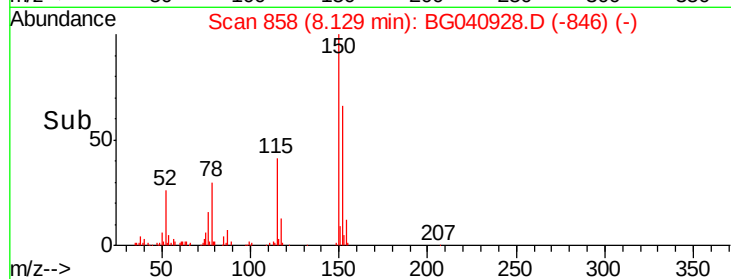
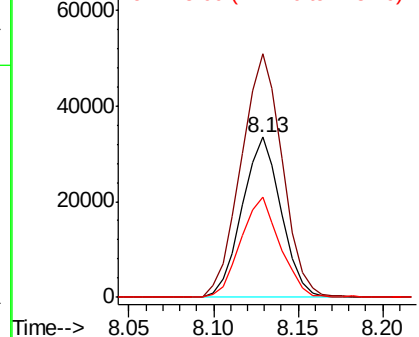


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

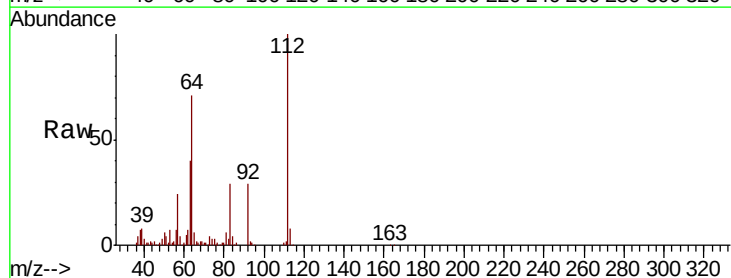
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 44.149 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040928.D
Acq: 14 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	61.4	92.0
63	40.4	37.8	56.6

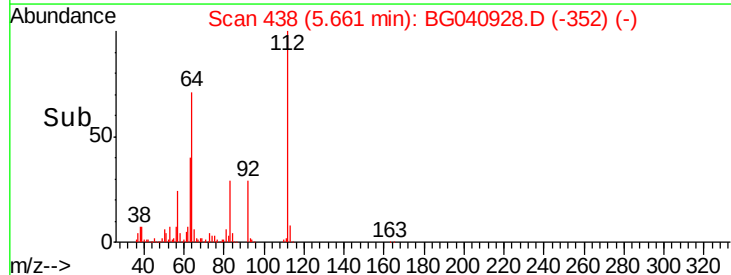
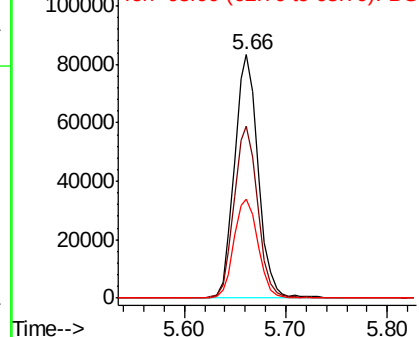


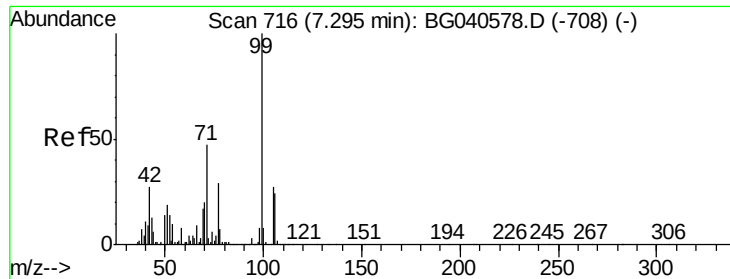
Abundance

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: 27.607 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.03 min

Lab File: BG040928.D

Acq: 14 May 2019 2:22

Instrument :

BNA_G

ClientSampleId :

050919-ESLT-F-D-B

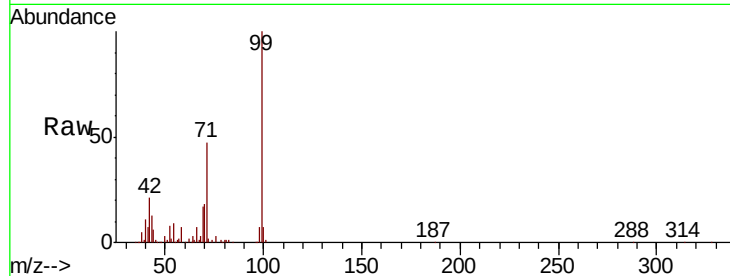
Tot Ion: 99 Resp: 129561

Ion Ratio Lower Upper

99 100

42 21.3 21.8 32.8#

71 46.7 38.6 57.8

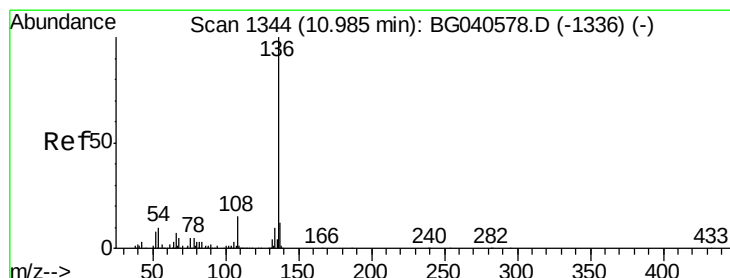
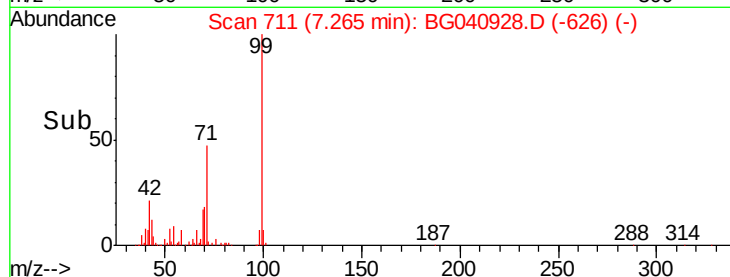
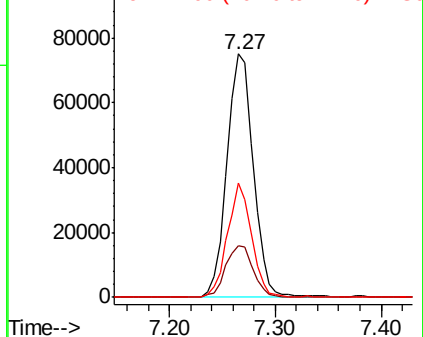


Abundance

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. -0.04 min

Lab File: BG040928.D

Acq: 14 May 2019 2:22

Tgt Ion: 136 Resp: 232768

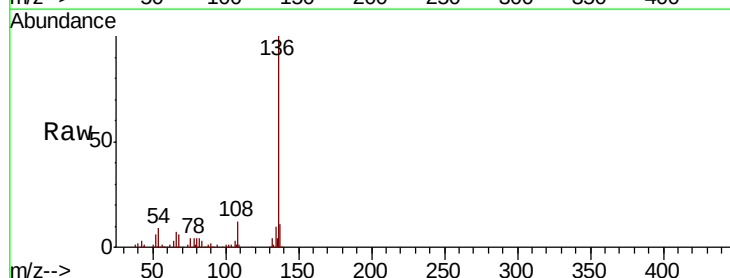
Ion Ratio Lower Upper

136 100

137 10.8 9.7 14.5

54 8.8 8.6 12.8

68 5.8 4.8 7.2



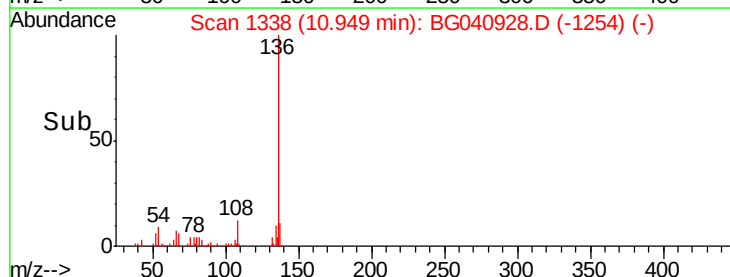
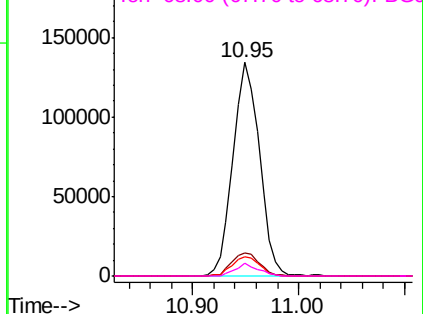
Abundance

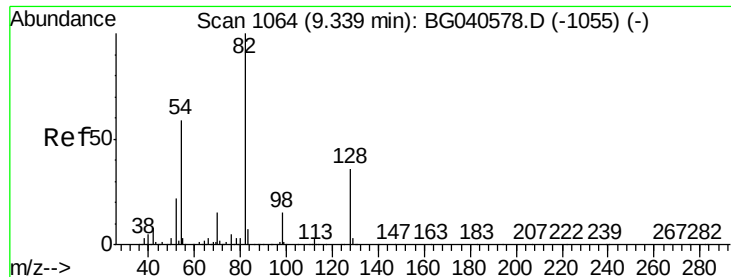
Ion 136.00 (135.70 to 136.70): BGC

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

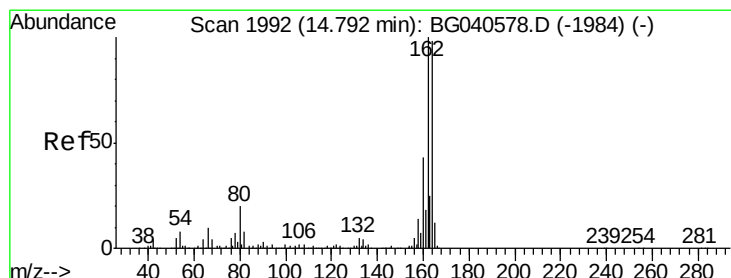
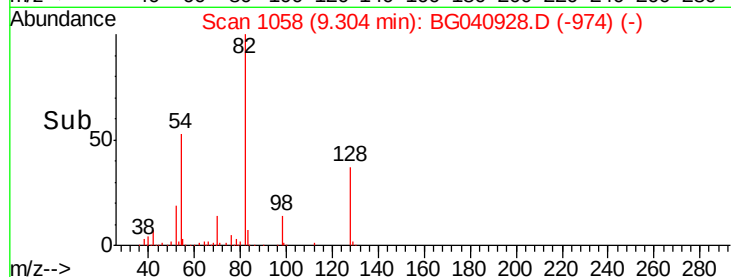
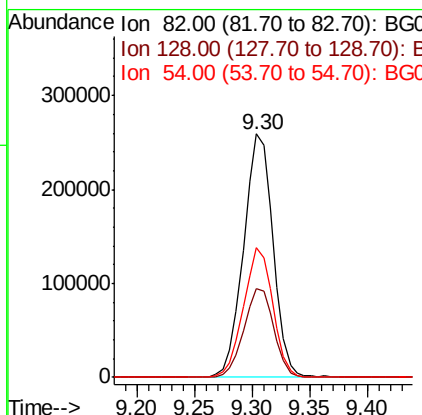
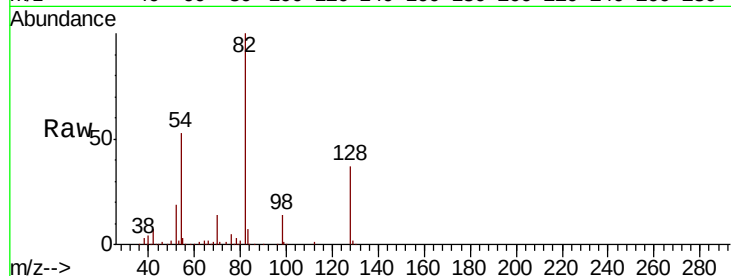




#23
Nitrobenzene-d5
Concen: 91.361 ng
RT: 9.30 min Scan# 1058
Delta R.T. -0.04 min
Lab File: BG040928.D
Acq: 14 May 2019 2:22

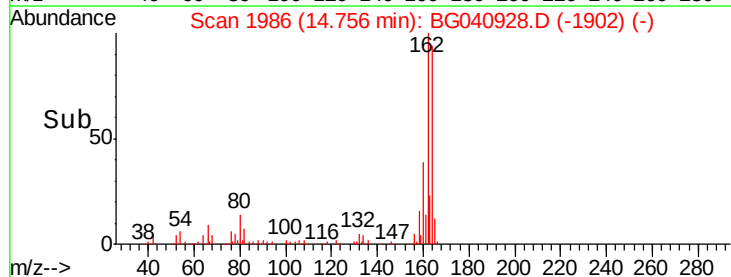
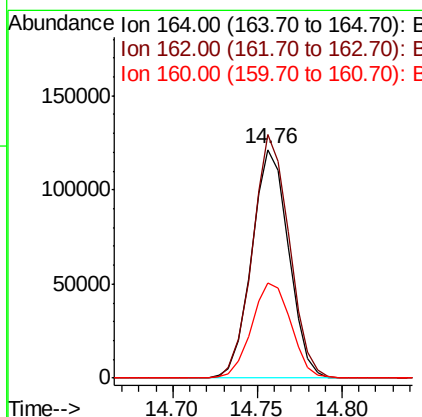
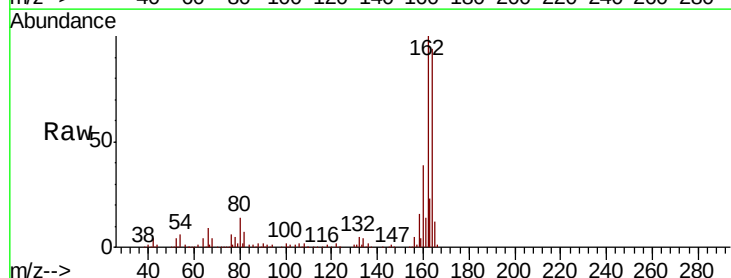
Instrument :
BNA_G
ClientSampleId :
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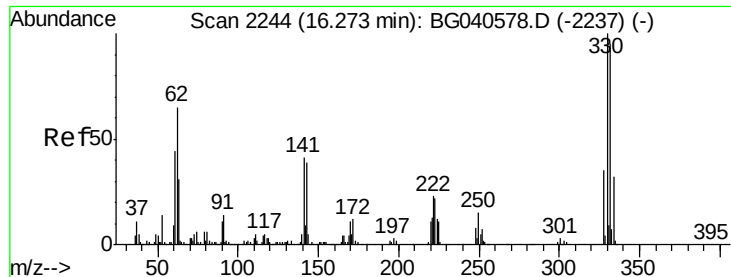
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.6	28.9	43.3
54	53.3	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.04 min
Lab File: BG040928.D
Acq: 14 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	81.9	122.9
160	41.9	35.4	53.2

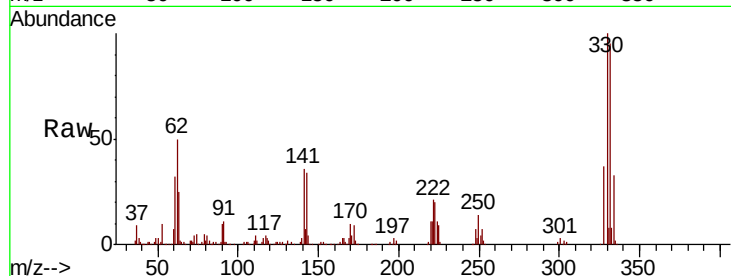




#42
 2,4,6-Tribromophenol
 Concen: 97.537 ng
 RT: 16.24 min Scan# 2239
 Delta R.T. -0.03 min
 Lab File: BG040928.D
 Acq: 14 May 2019 2:22

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.9	113.9
141	34.2	32.4	48.6

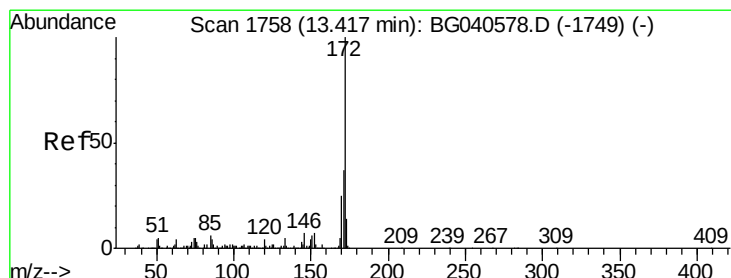
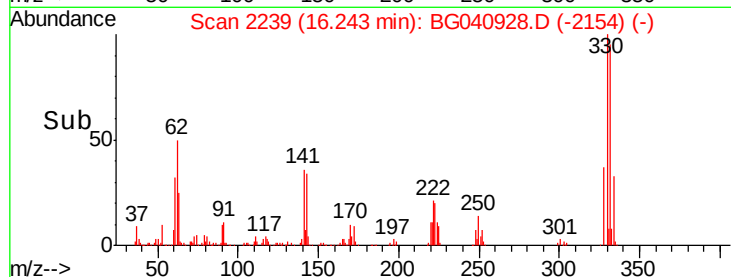
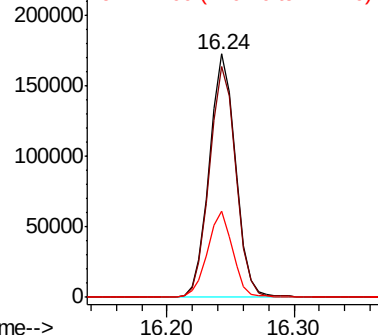


Abundance

Ion 329.80 (329.50 to 330.50): E

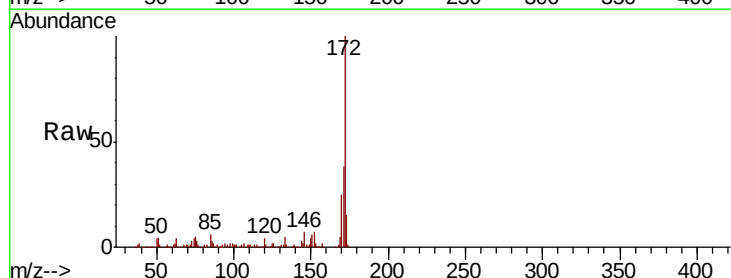
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.644 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.04 min
 Lab File: BG040928.D
 Acq: 14 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.2
170	25.4	19.9	29.9

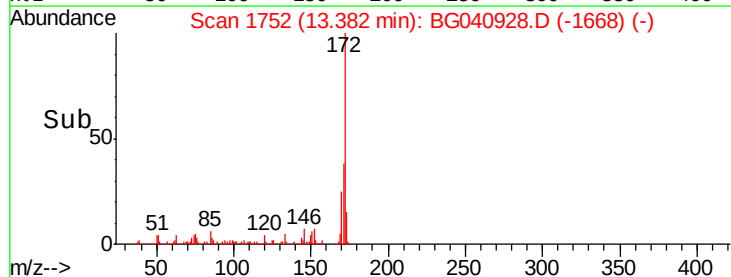
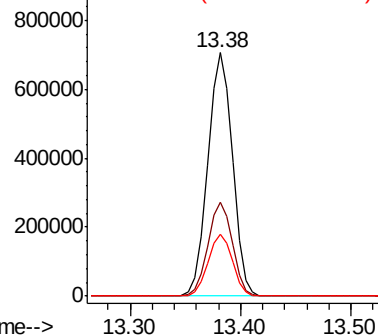


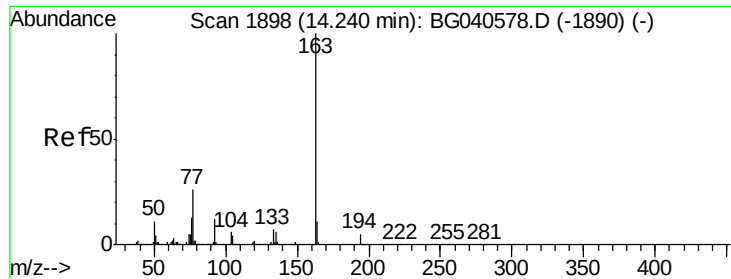
Abundance

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

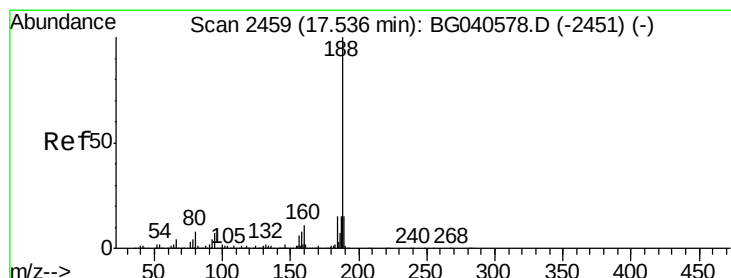
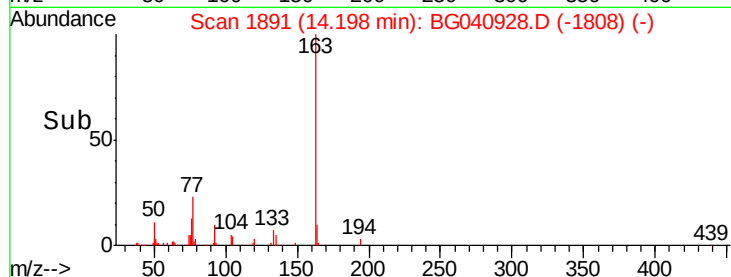
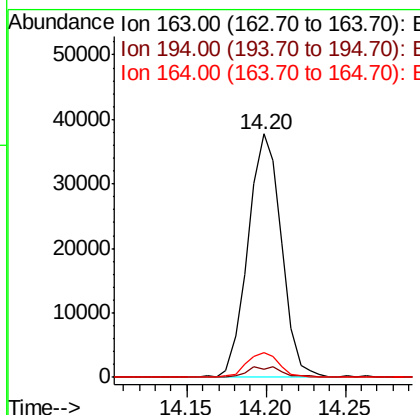
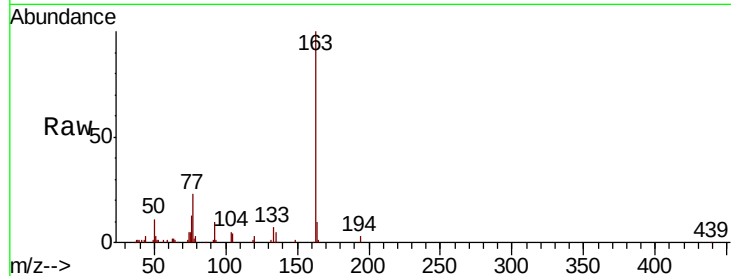




#50
Dimethylphthalate
Concen: 3.581 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.04 min
Lab File: BG040928.D
Acq: 14 May 2019 2:22

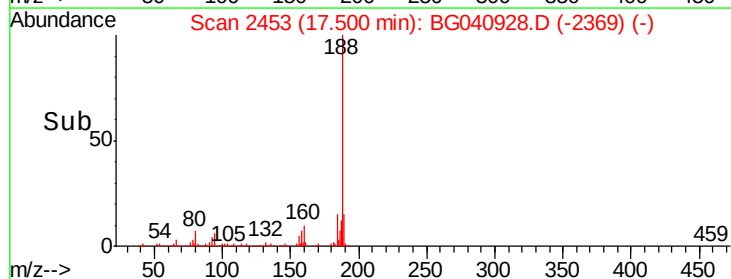
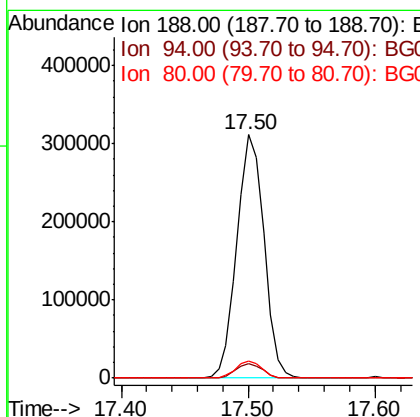
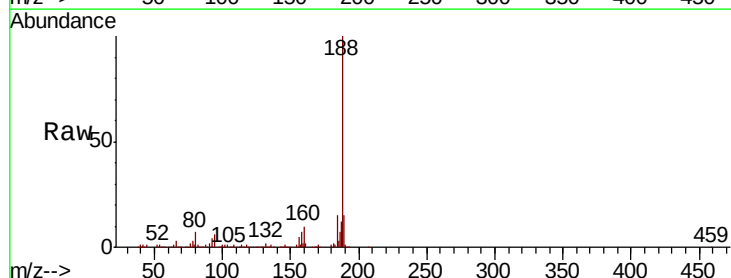
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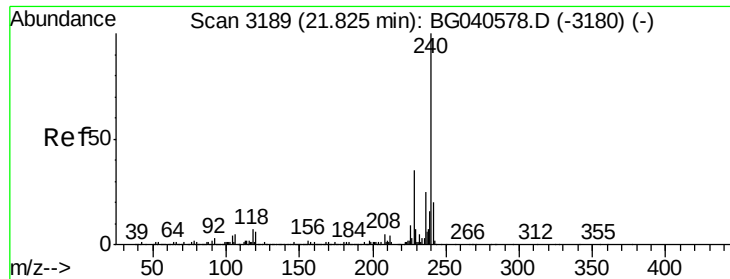
Tot Ion:163 Resp: 55302
Ion Ratio Lower Upper
163 100
194 3.3 3.8 5.8#
164 10.0 8.8 13.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.04 min
Lab File: BG040928.D
Acq: 14 May 2019 2:22

Tgt Ion:188 Resp: 461313
Ion Ratio Lower Upper
188 100
94 5.8 5.6 8.4
80 6.8 6.4 9.6

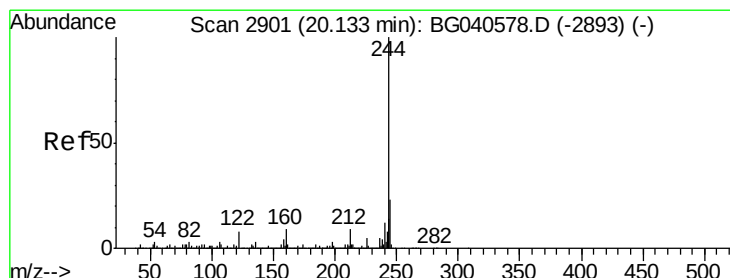
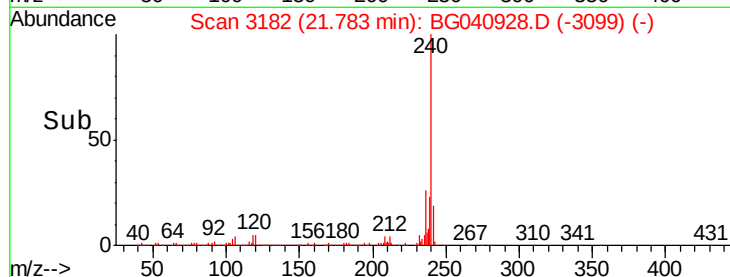
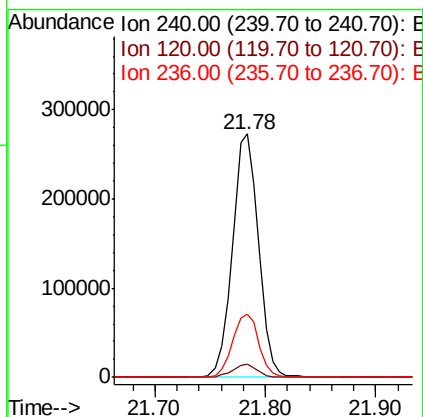
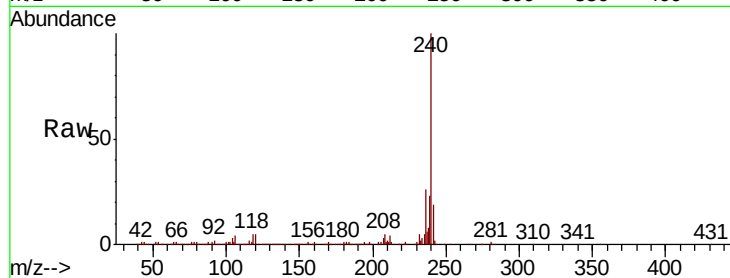




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3182
 Delta R.T. -0.04 min
 Lab File: BG040928.D
 Acq: 14 May 2019 2:22

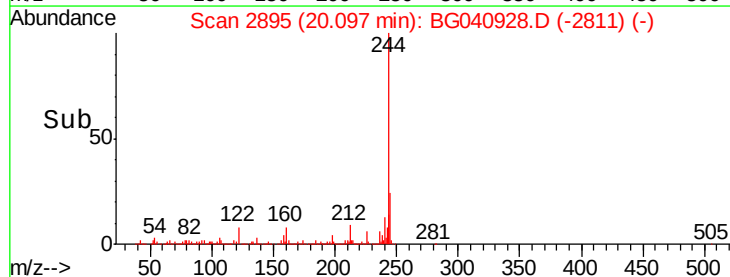
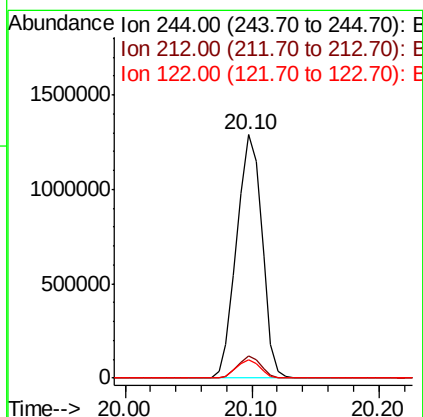
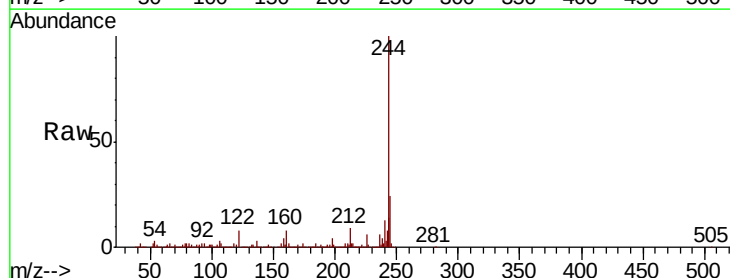
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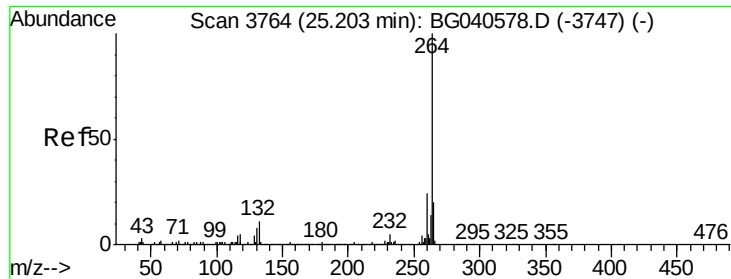
Tot Ion:240 Resp: 452163
 Ion Ratio Lower Upper
 240 100
 120 5.2 5.0 7.6
 236 25.7 20.3 30.5



#79
 Terphenyl-d14
 Concen: 87.300 ng
 RT: 20.10 min Scan# 2895
 Delta R.T. -0.04 min
 Lab File: BG040928.D
 Acq: 14 May 2019 2:22

Tgt Ion:244 Resp: 1781771
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.2 10.8
 122 7.7 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: BG040928.D
Acq: 14 May 2019 2:22

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

Tot Ion:	264	Resp:	485847
Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	19.9	16.6	25.0

