

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
 Data File : BG034059.D
 Acq On : 28 Apr 2018 5:11
 Operator : SJ/JU
 Sample : J2571-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 042418-SIDI-E-U-S

Manual Integrations
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Quant Time: Apr 30 16:00:21 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	47207m	20.00	ng	-0.08
21) Naphthalene-d8	10.54	136	221545	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	179959	20.00	ng	-0.09
63) Phenanthrene-d10	17.15	188	491688	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	537435	20.00	ng	-0.10
86) Perylene-d12	24.39	264	515303	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	87042	29.44	ng	-0.07
7) Phenol-d6	6.98	99	91687m	21.26	ng	-0.02
23) Nitrobenzene-d5	8.91	82	309450	79.49	ng	-0.08
41) 2,4,6-Tribromophenol	15.88	330	245315	116.84	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1275855	104.15	ng	-0.09
78) Terphenyl-d14	19.78	244	2530466	105.78	ng	-0.08

Target Compounds Qvalue

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

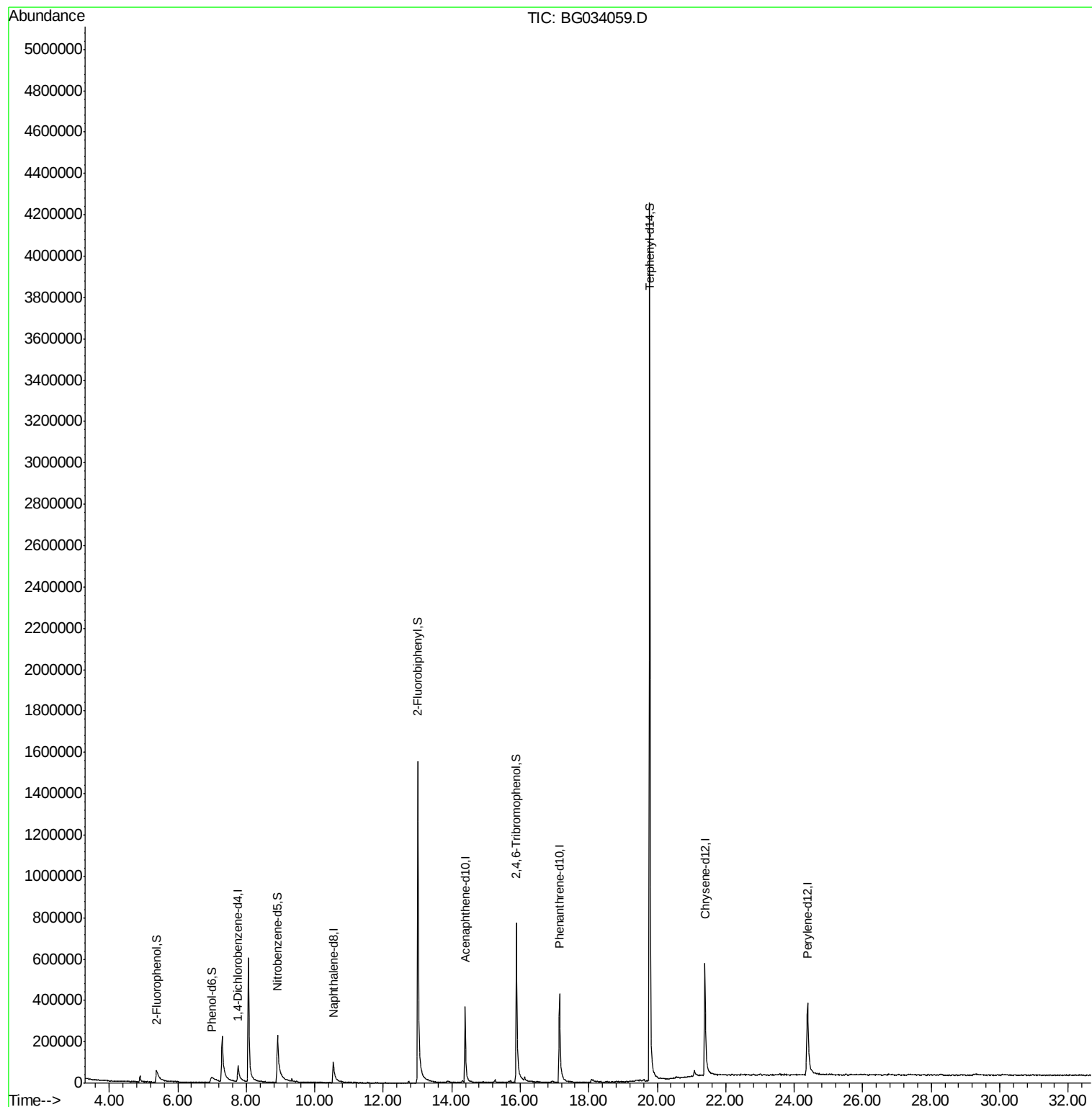
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
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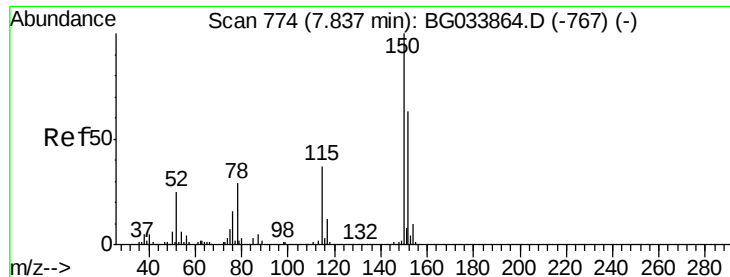
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#1

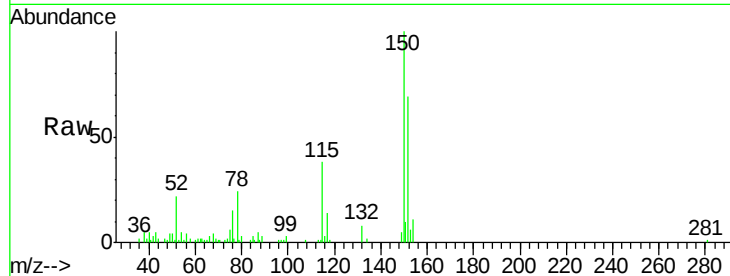
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 7.76 min Scan# 761
Delta R.T. -0.08 min
Lab File: BG034059.D
Acq: 28 Apr 2018 5:11

Instrument :
BNA_G
ClientSampleId :
042418-SIDI-E-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	126.6	189.8
115	55.5	53.0	79.4

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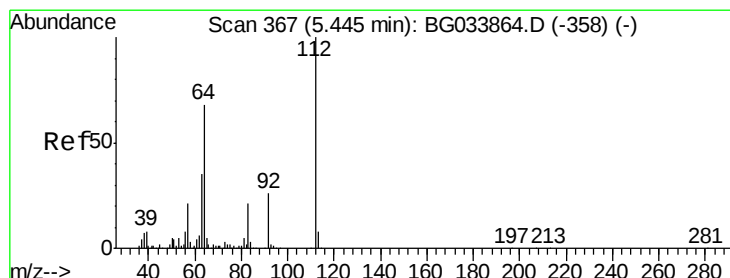
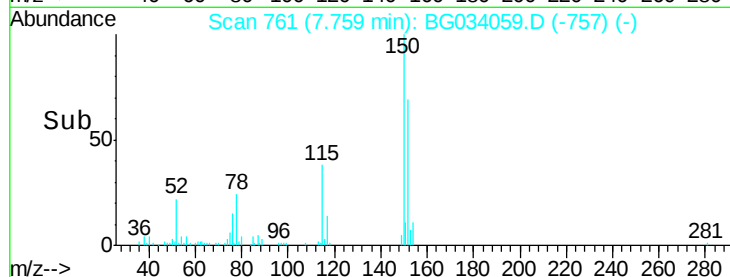
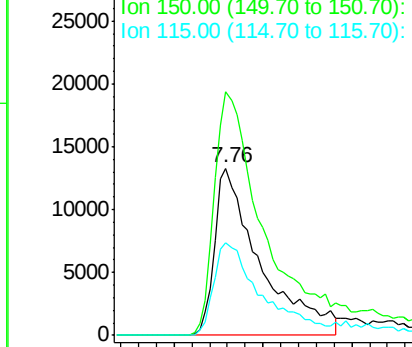


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

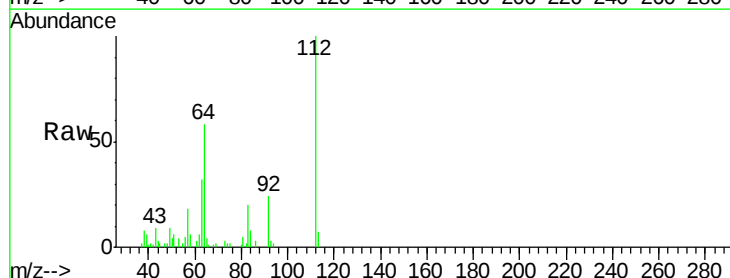
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 29.437 ng/ml
RT: 5.37 min Scan# 355
Delta R.T. -0.07 min
Lab File: BG034059.D
Acq: 28 Apr 2018 5:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	56.3	84.5
63	32.1	30.1	45.1

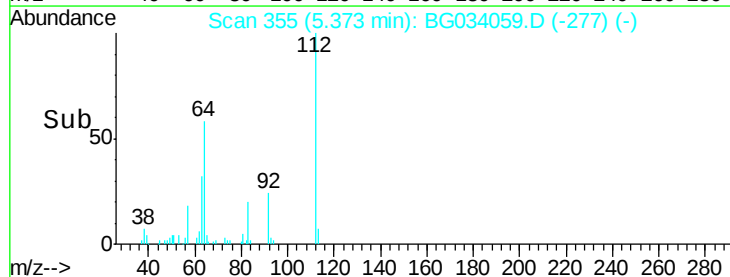
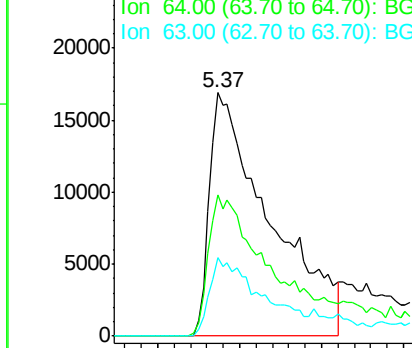


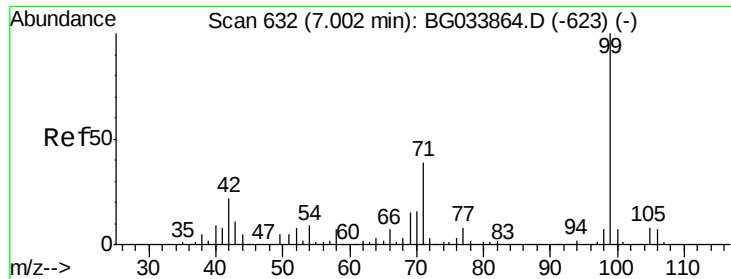
Abundance

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: 21.260 ng/mL

RT: 6.98 min Scan# 629

Delta R.T. -0.02 min

Lab File: BG034059.D

Acq: 28 Apr 2018 5:11

Instrument :

BNA_G

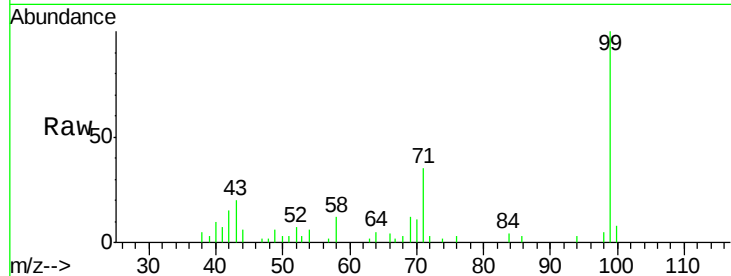
ClientSampleId :

042418-SIDI-E-U-S

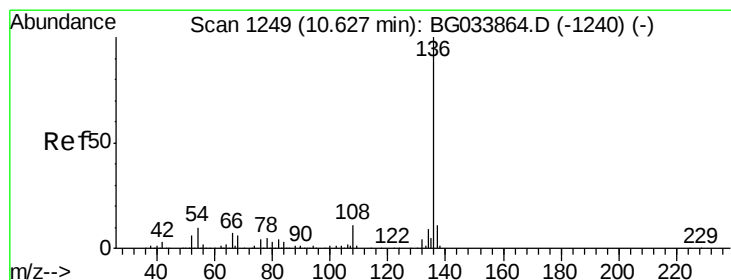
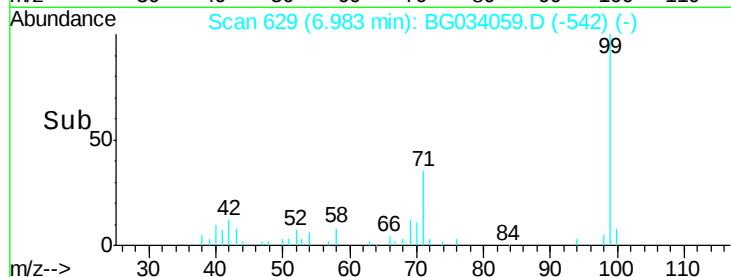
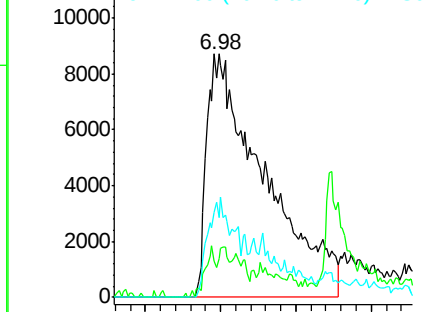
Tot Ion:	99	Resp:	91687
Ion Ratio	Lower	Upper	
99	100		
42	14.7	14.1	21.1
71	34.8	26.1	39.1

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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: 10.54 min Scan# 1234

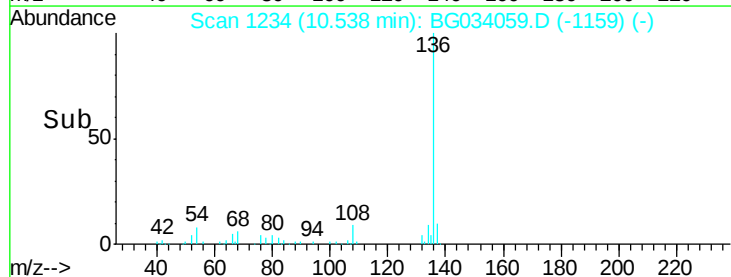
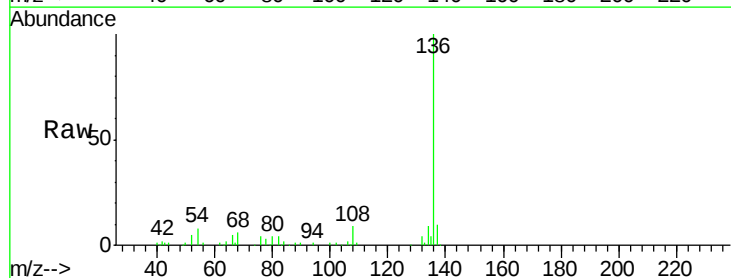
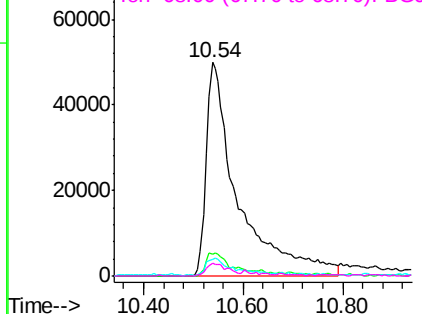
Delta R.T. -0.09 min

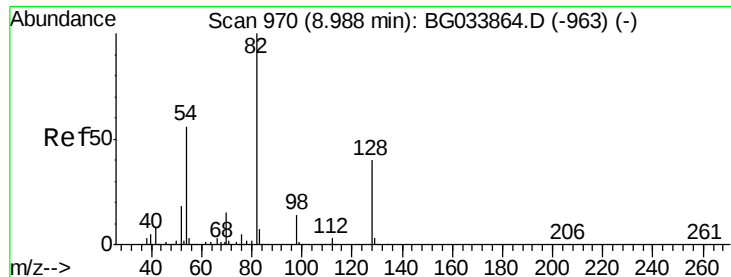
Lab File: BG034059.D

Acq: 28 Apr 2018 5:11

Tgt Ion:	136	Resp:	221545
Ion Ratio	Lower	Upper	
136	100		
137	10.2	9.2	13.8
54	8.0	10.3	15.5#
68	5.8	4.5	6.7

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





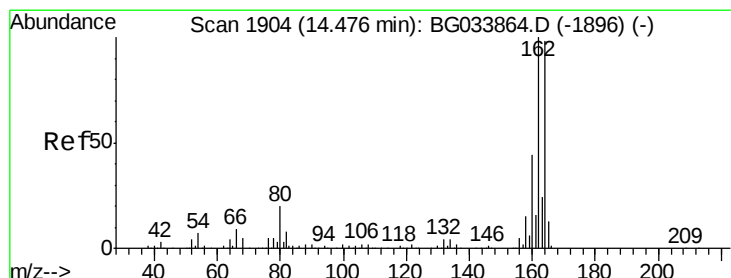
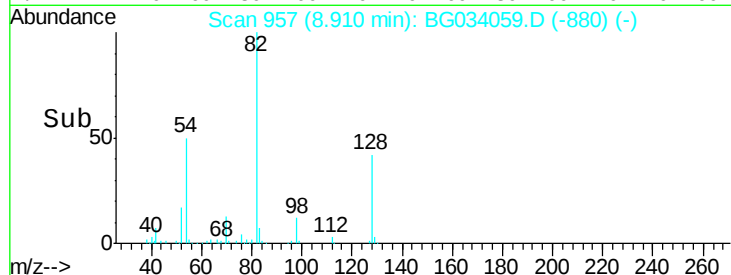
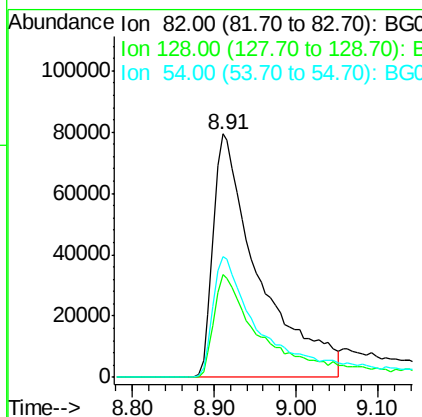
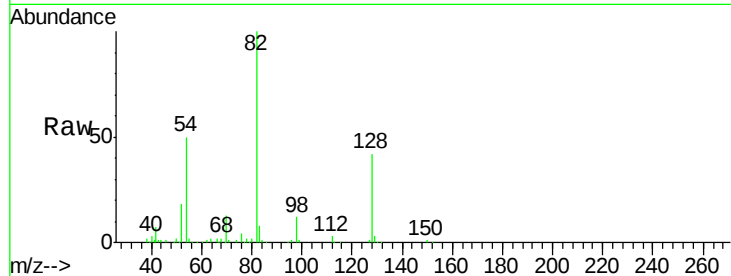
#23
 Nitrobenzene-d5
 Concen: 79.490 ng
 RT: 8.91 min Scan# 957
 Delta R.T. -0.08 min
 Lab File: BG034059.D
 Acq: 28 Apr 2018 5:11

Instrument :
 BNA_G
 ClientSampleId :
 042418-SIDI-E-U-S

Tot Ion	82	Resp	309450
Ion	Ratio	Lower	Upper
82	100		
128	42.1	29.7	44.5
54	49.6	43.1	64.7

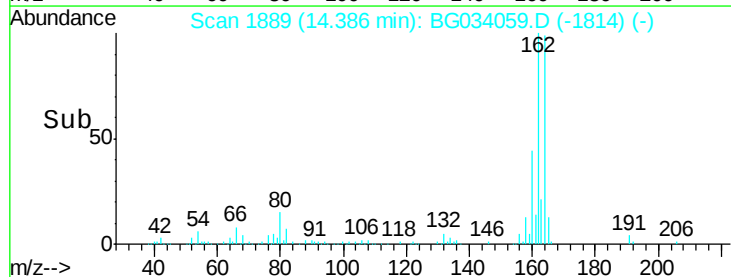
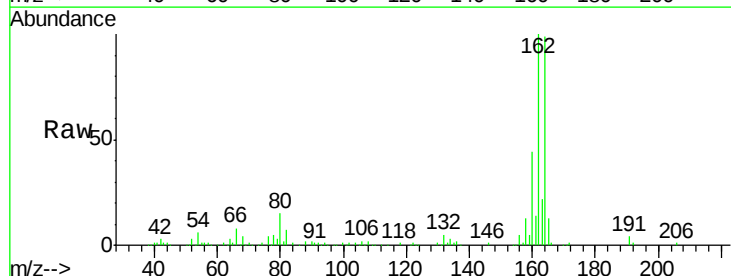
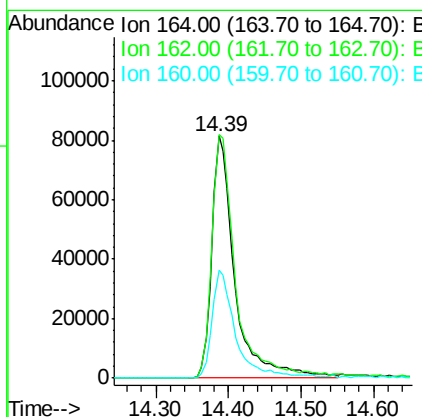
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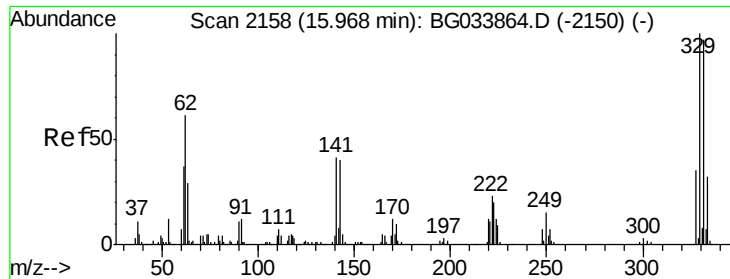
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.39 min Scan# 1889
 Delta R.T. -0.09 min
 Lab File: BG034059.D
 Acq: 28 Apr 2018 5:11

Tgt Ion	164	Resp	179959
Ion	Ratio	Lower	Upper
164	100		
162	100.7	78.8	118.2
160	44.8	35.4	53.0





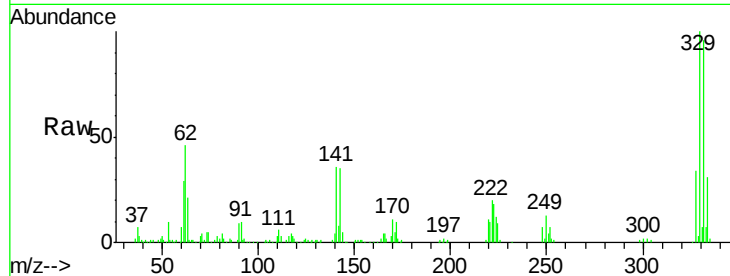
#41
 2,4,6-Tribromophenol
 Concen: 116.844 ng
 RT: 15.88 min Scan# 2144
 Delta R.T. -0.08 min
 Lab File: BG034059.D
 Acq: 28 Apr 2018 5:11

Instrument :
 BNA_G
 ClientSampleId :
 042418-SIDI-E-U-S

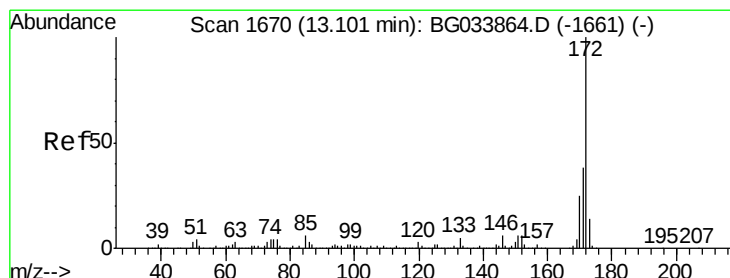
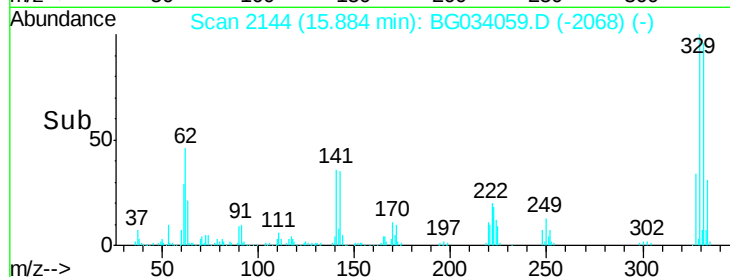
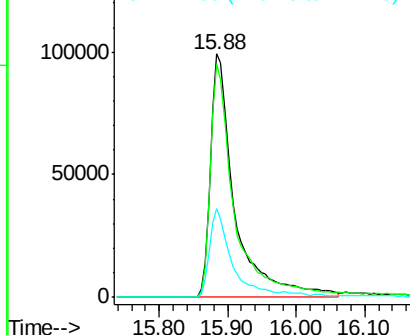
Tot Ion	Ratio	Resp	Lower	Upper
330	100	245315		
332	96.3	77.0	115.6	
141	35.6	25.2	37.8	

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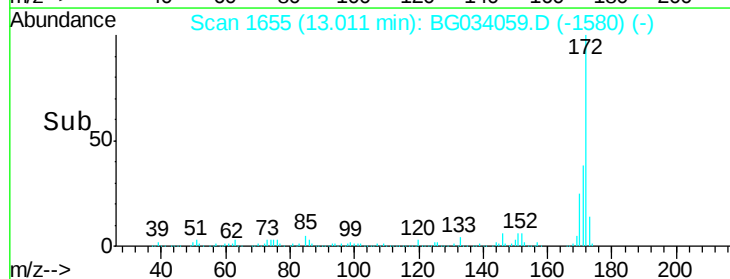
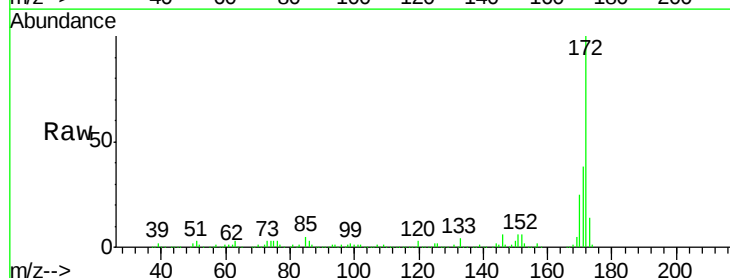
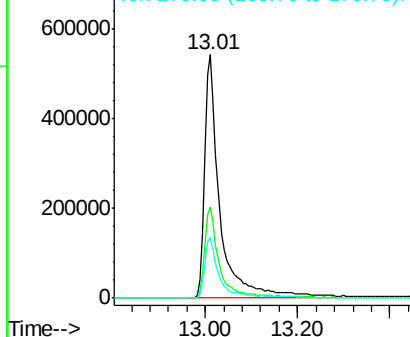
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

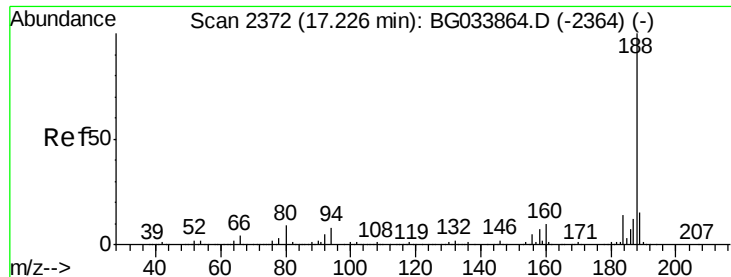


#44
 2-Fluorobiphenyl
 Concen: 104.149 ng
 RT: 13.01 min Scan# 1655
 Delta R.T. -0.09 min
 Lab File: BG034059.D
 Acq: 28 Apr 2018 5:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1275855		
171	37.7	30.0	45.0	
170	24.9	19.5	29.3	

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





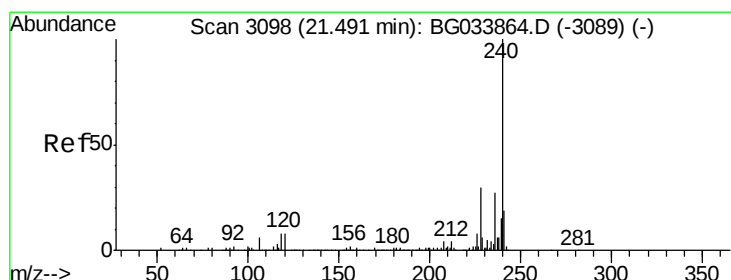
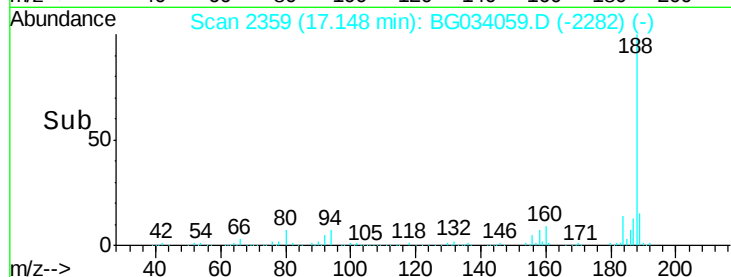
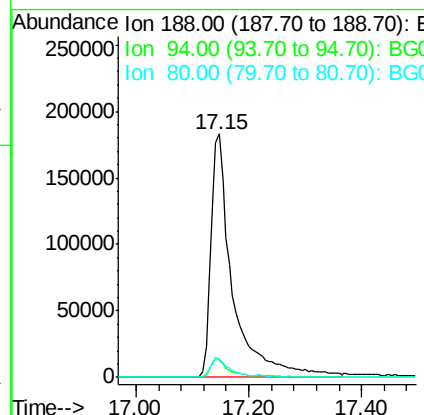
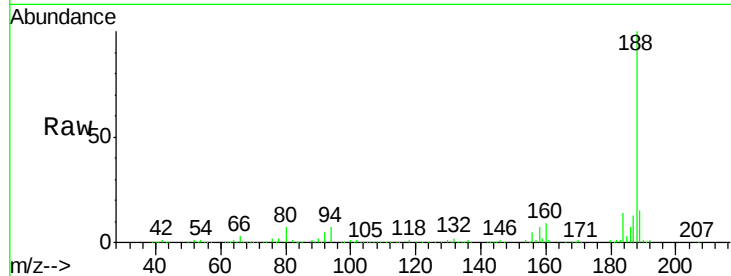
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.15 min Scan# 2359
 Delta R.T. -0.08 min
 Lab File: BG034059.D
 Acq: 28 Apr 2018 5:11

Instrument :
 BNA_G
 ClientSampleId :
 042418-SIDI-E-U-S

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.9	6.9	10.3
80	7.5	7.7	11.5#

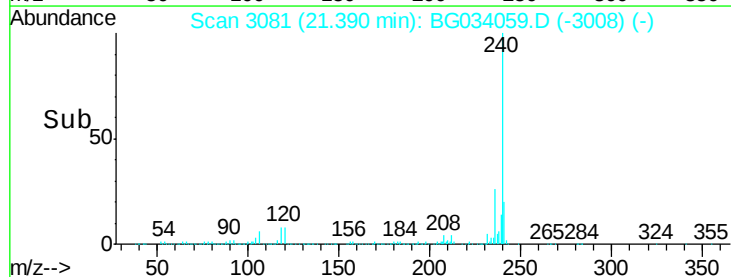
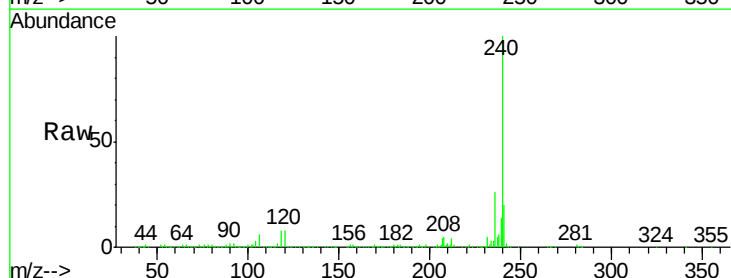
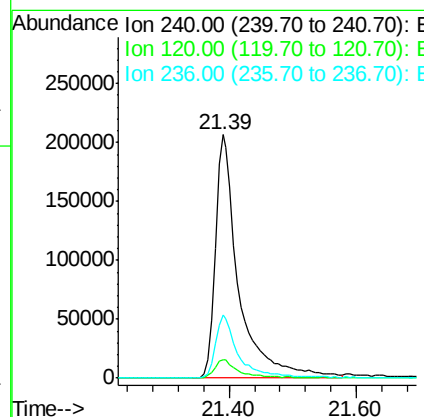
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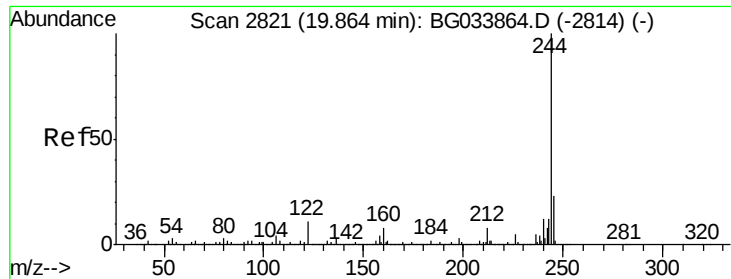
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.39 min Scan# 3081
 Delta R.T. -0.10 min
 Lab File: BG034059.D
 Acq: 28 Apr 2018 5:11

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.7	6.8	10.2
236	26.0	20.9	31.3





#78
 Terphenyl-d14
 Concen: 105.780 ng
 RT: 19.78 min Scan# 2807
 Delta R.T. -0.08 min
 Lab File: BG034059.D
 Acq: 28 Apr 2018 5:11

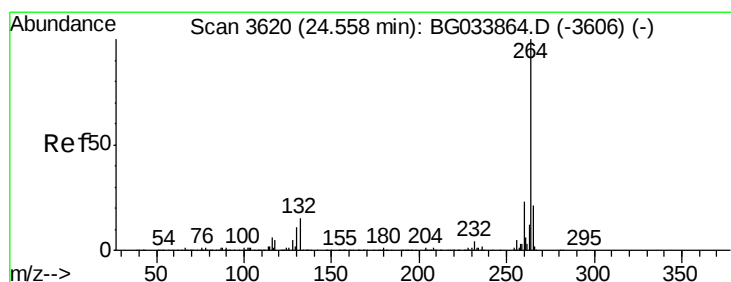
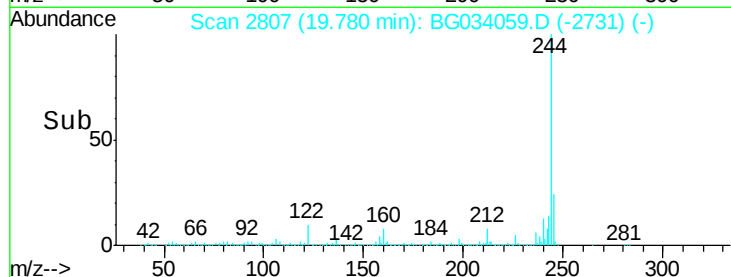
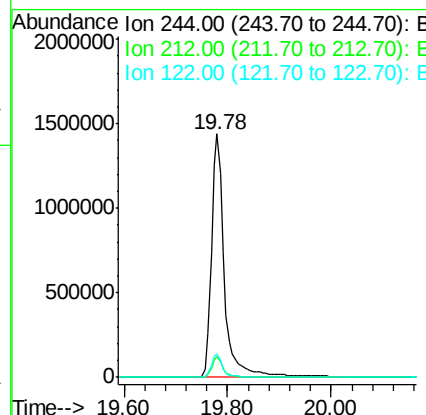
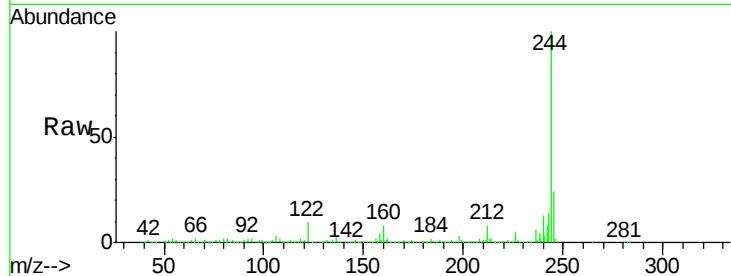
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Tot Ion:244 Resp: 2530466

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	9.6	7.0	10.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.39 min Scan# 3591
 Delta R.T. -0.17 min
 Lab File: BG034059.D
 Acq: 28 Apr 2018 5:11

Tgt Ion:264 Resp: 515303

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	22.1	17.7	26.5

