

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
 Data File : BG034063.D
 Acq On : 28 Apr 2018 7:42
 Operator : SJ/JU
 Sample : J2572-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 042518-SIDI-E-D-M

Manual Integrations
 APPROVED

Sohil
 4/30/2018 7:03:30 PM

Quant Time: Apr 30 04:48:20 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	48392m	20.00	ng	-0.08
21) Naphthalene-d8	10.55	136	211421	20.00	ng	-0.08
38) Acenaphthene-d10	14.39	164	172717	20.00	ng	-0.09
63) Phenanthrene-d10	17.14	188	482477	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	549809	20.00	ng	-0.10
86) Perylene-d12	24.38	264	535225	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	99826	32.93	ng	-0.07
7) Phenol-d6	6.99	99	84583m	19.13	ng	-0.01
23) Nitrobenzene-d5	8.92	82	335501	90.31	ng	-0.07
41) 2,4,6-Tribromophenol	15.89	330	260509	129.28	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1272837	108.26	ng	-0.09
78) Terphenyl-d14	19.78	244	2517860	102.88	ng	-0.08

Target Compounds Qvalue

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

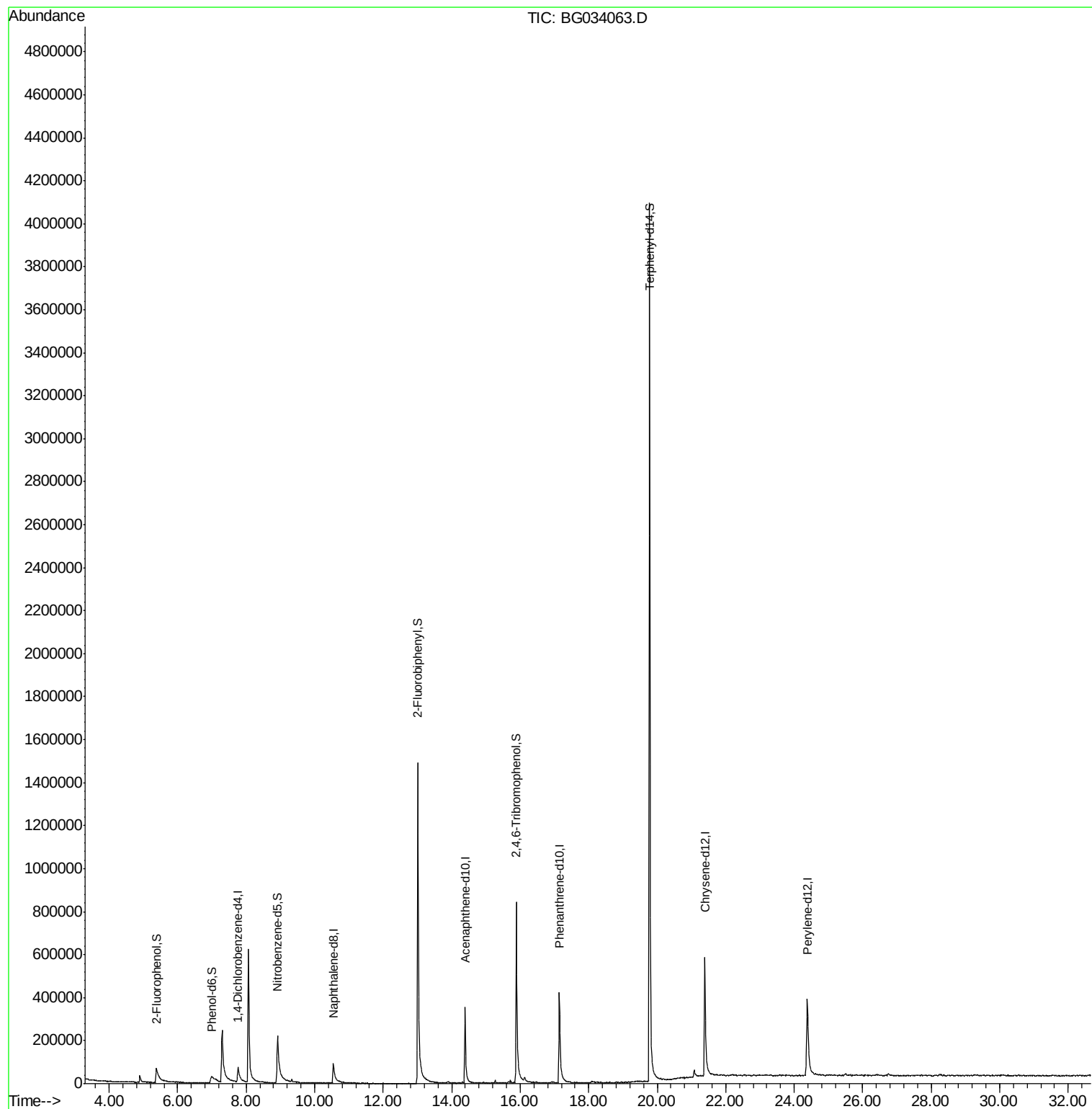
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034063.D
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Operator : SJ/JU
Sample : J2572-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

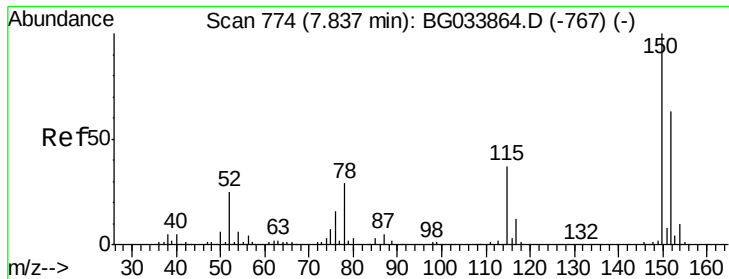
Instrument :
BNA_G
ClientSampleId :
042518-SIDI-E-D-M

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#1

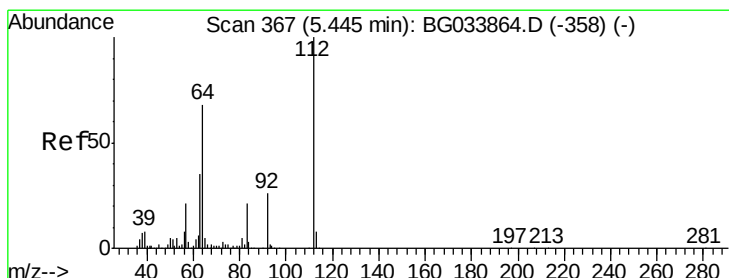
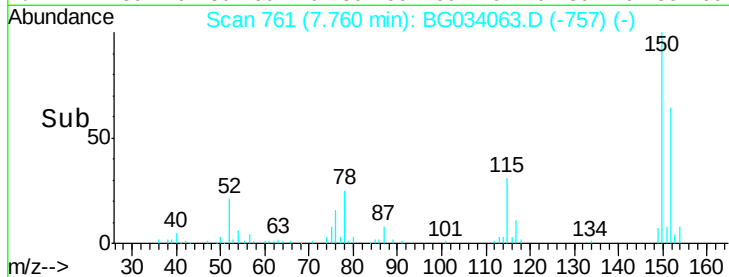
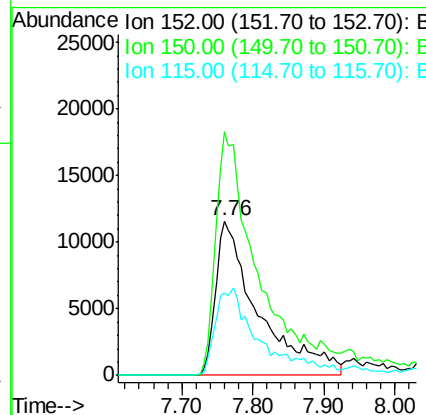
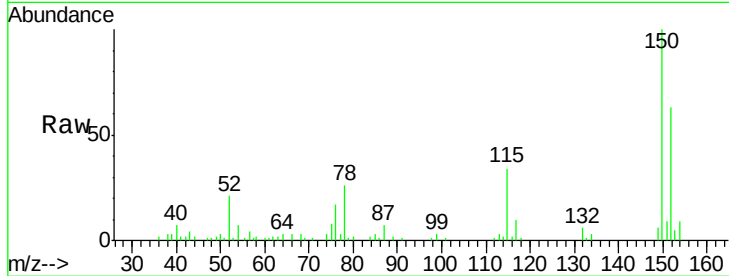
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 7.76 min Scan# 761
Delta R.T. -0.08 min
Lab File: BG034063.D
Acq: 28 Apr 2018 7:42

Instrument :
BNA_G
ClientSampleId :
042518-SIDI-E-D-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.6	189.8
115	53.3	53.0	79.4

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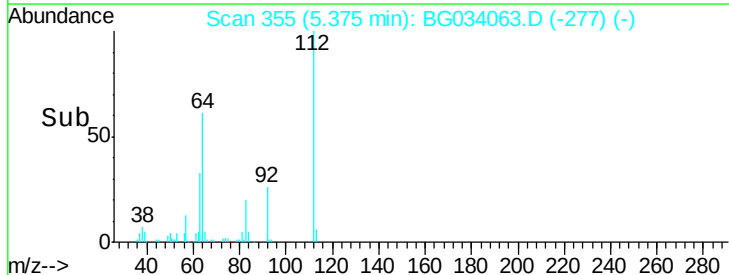
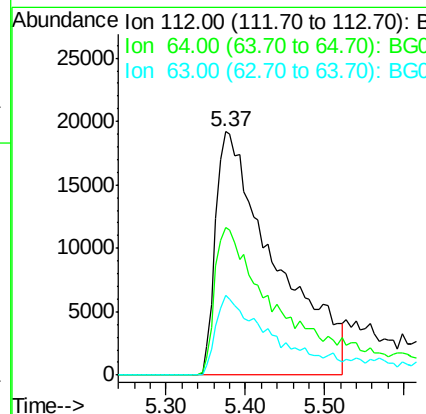
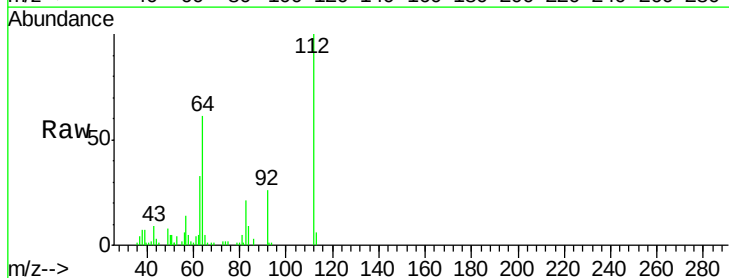
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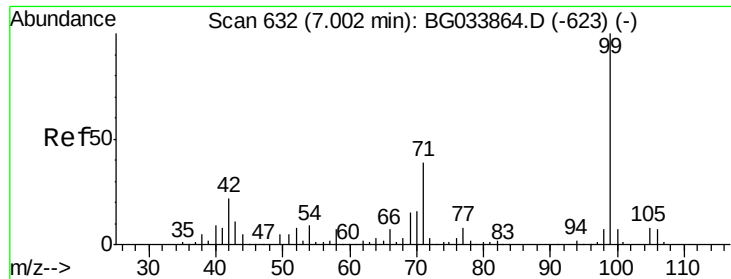


#5

2-Fluorophenol
Concen: 32.934 ng
RT: 5.37 min Scan# 355
Delta R.T. -0.07 min
Lab File: BG034063.D
Acq: 28 Apr 2018 7:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	56.3	84.5
63	32.9	30.1	45.1





#7

Phenol-d6

Concen: 19.132 ng/mL

RT: 6.99 min Scan# 630

Delta R.T. -0.01 min

Lab File: BG034063.D

Acq: 28 Apr 2018 7:42

Instrument :

BNA_G

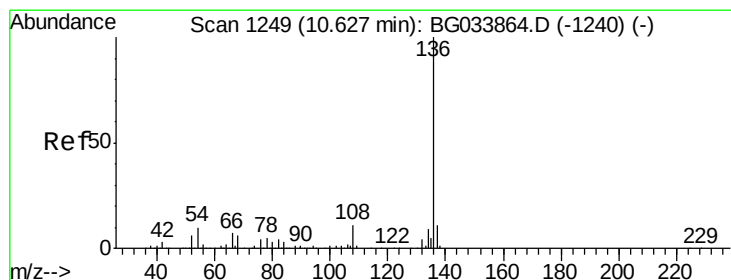
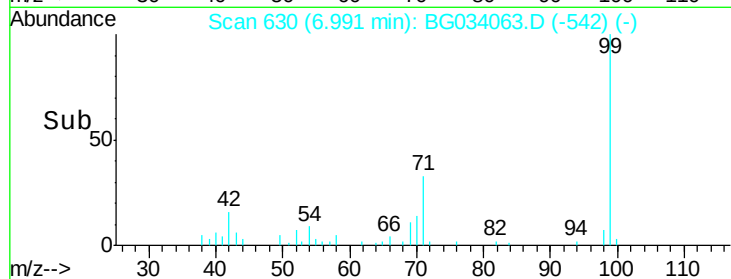
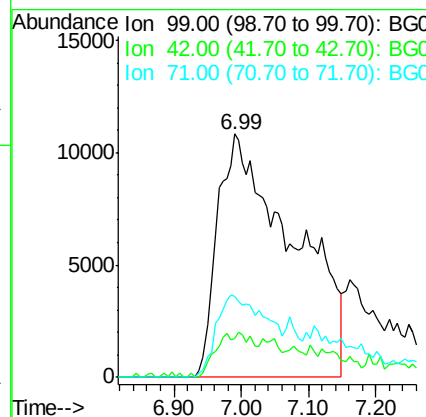
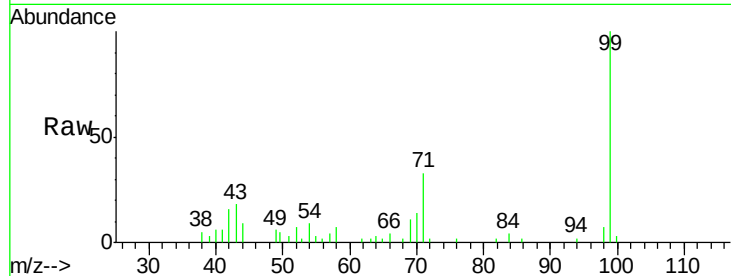
ClientSampleId :

042518-SIDI-E-D-M

Tot Ion:	99	Resp:	84583
Ion Ratio	Lower	Upper	
99	100		
42	15.8	14.1	21.1
71	33.2	26.1	39.1

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#21

Naphthalene-d8

Concen: 20.000 ng/mL

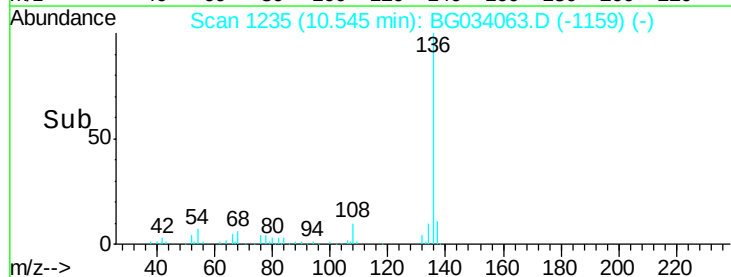
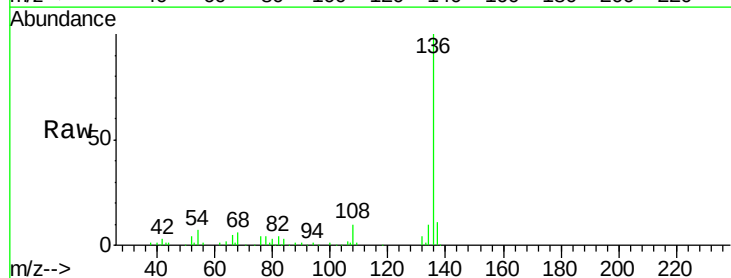
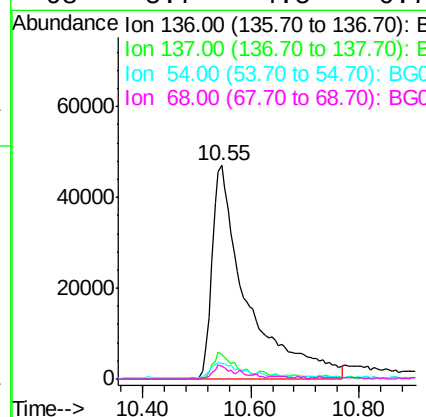
RT: 10.55 min Scan# 1235

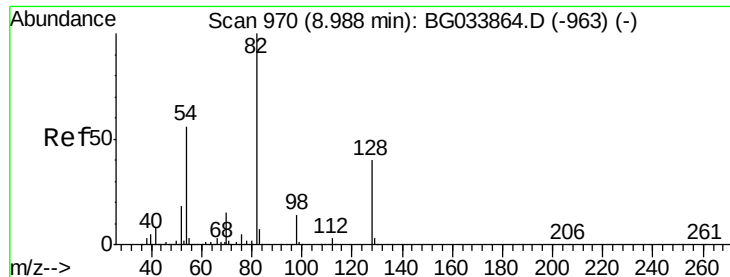
Delta R.T. -0.08 min

Lab File: BG034063.D

Acq: 28 Apr 2018 7:42

Tgt Ion:	136	Resp:	211421
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.2	13.8
54	7.5	10.3	15.5#
68	5.7	4.5	6.7





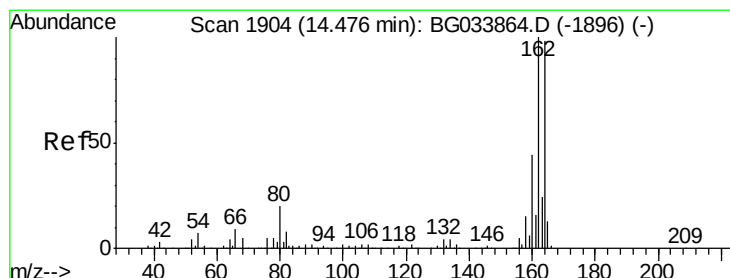
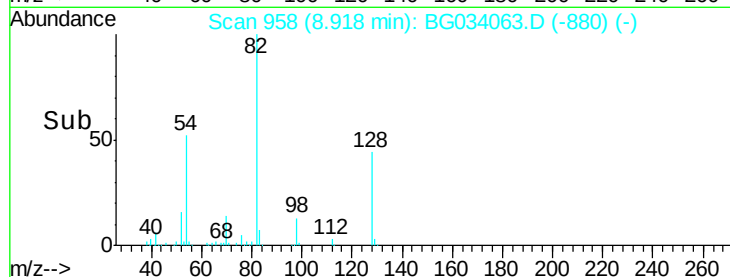
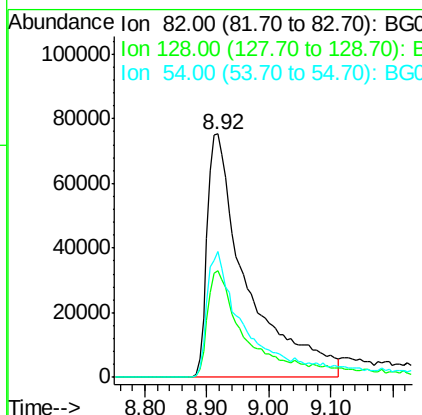
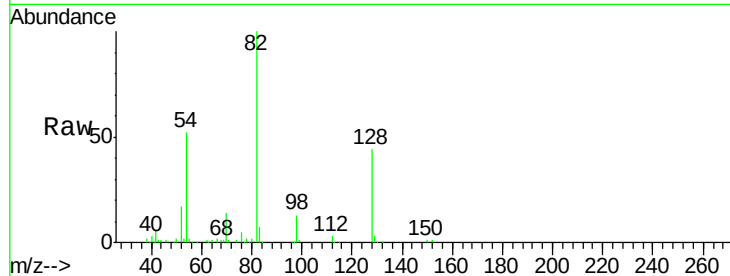
#23
 Nitrobenzene-d5
 Concen: 90.309 ng
 RT: 8.92 min Scan# 958
 Delta R.T. -0.07 min
 Lab File: BG034063.D
 Acq: 28 Apr 2018 7:42

Instrument :
 BNA_G
 ClientSampleId :
 042518-SIDI-E-D-M

Tot Ion	82	Resp	335501
Ion	Ratio	Lower	Upper
82	100		
128	43.8	29.7	44.5
54	51.8	43.1	64.7

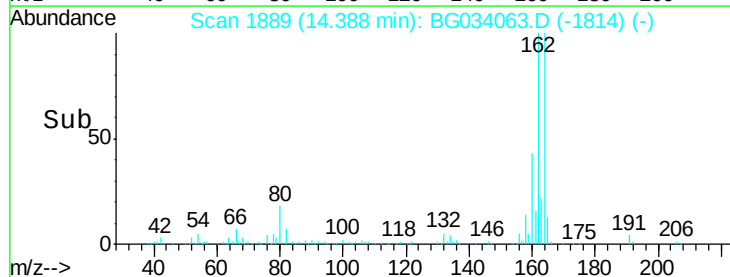
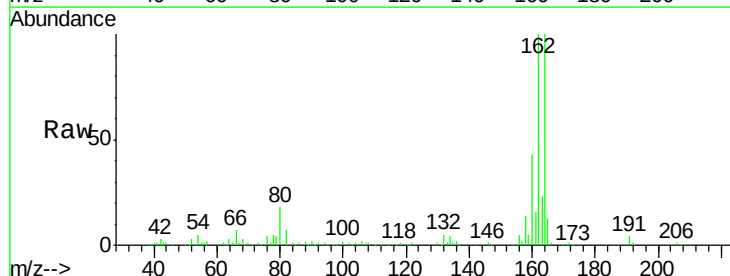
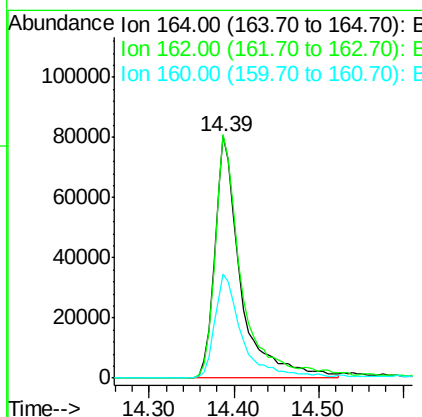
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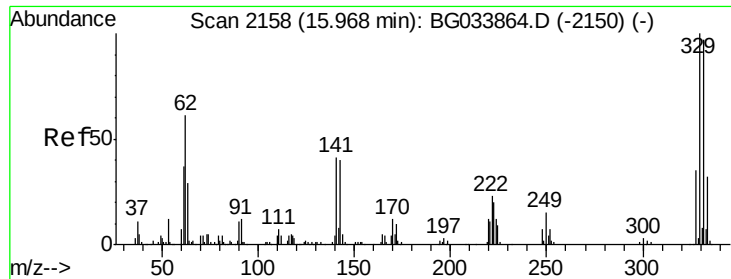
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.39 min Scan# 1889
 Delta R.T. -0.09 min
 Lab File: BG034063.D
 Acq: 28 Apr 2018 7:42

Tgt Ion	164	Resp	172717
Ion	Ratio	Lower	Upper
164	100		
162	100.5	78.8	118.2
160	42.7	35.4	53.0





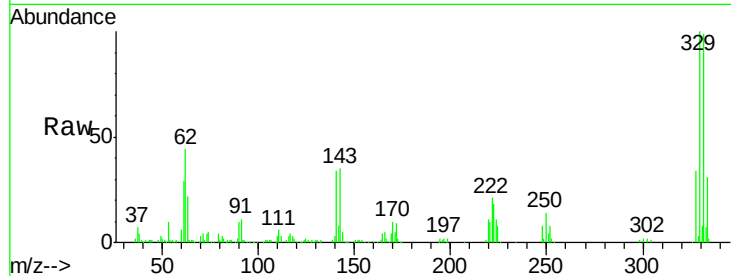
#41
 2,4,6-Tribromophenol
 Concen: 129.284 ng
 RT: 15.89 min Scan# 2144
 Delta R.T. -0.08 min
 Lab File: BG034063.D
 Acq: 28 Apr 2018 7:42

Instrument :
 BNA_G
 ClientSampleId :
 042518-SIDI-E-D-M

Tot Ion	Ratio	Resp	Lower	Upper
330	100	260509		
332	96.0	77.0	115.6	
141	33.0	25.2	37.8	

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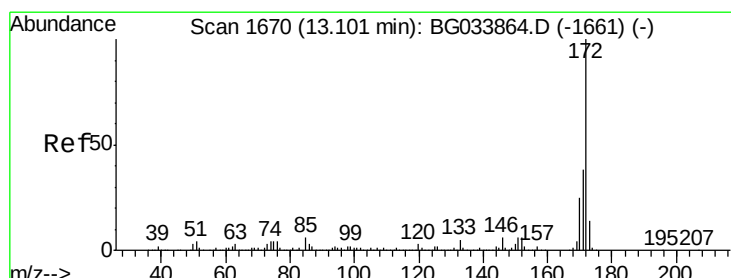
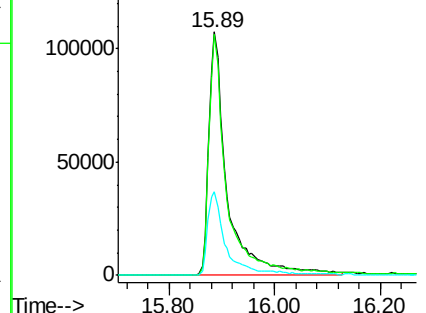
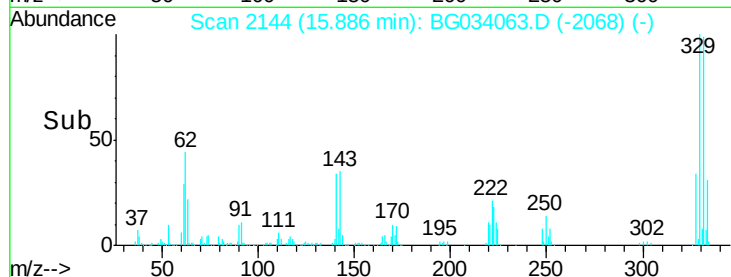


Abundance

Ion 329.80 (329.50 to 330.50): E

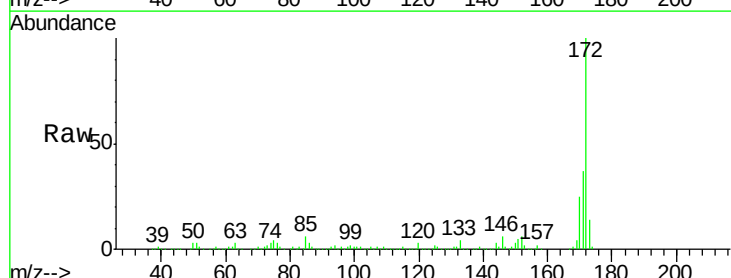
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 108.260 ng
 RT: 13.01 min Scan# 1655
 Delta R.T. -0.09 min
 Lab File: BG034063.D
 Acq: 28 Apr 2018 7:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1272837		
171	37.5	30.0	45.0	
170	24.7	19.5	29.3	

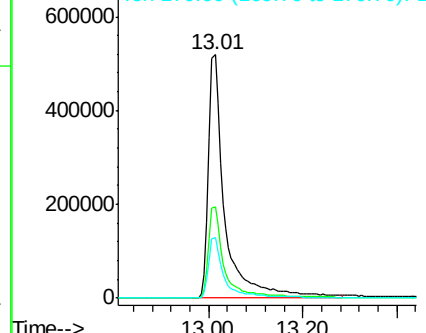
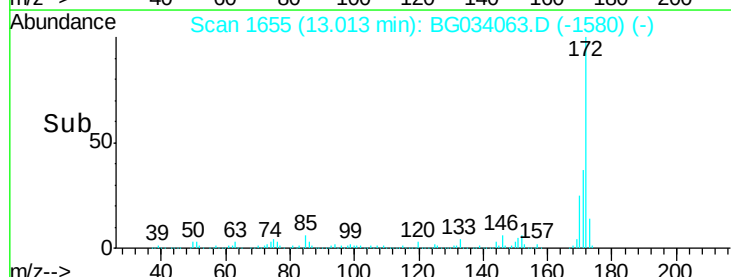


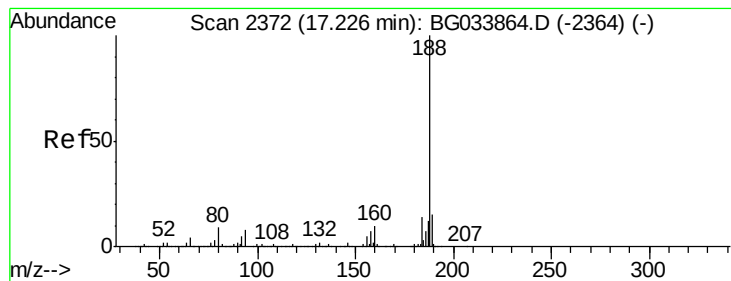
Abundance

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: 17.14 min Scan# 2358

Delta R.T. -0.08 min

Lab File: BG034063.D

Acq: 28 Apr 2018 7:42

Instrument :

BNA_G

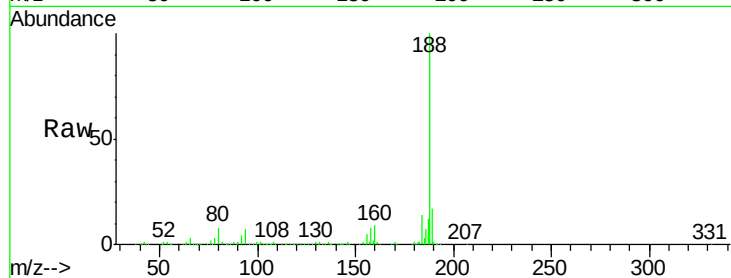
ClientSampleId :

042518-SIDI-E-D-M

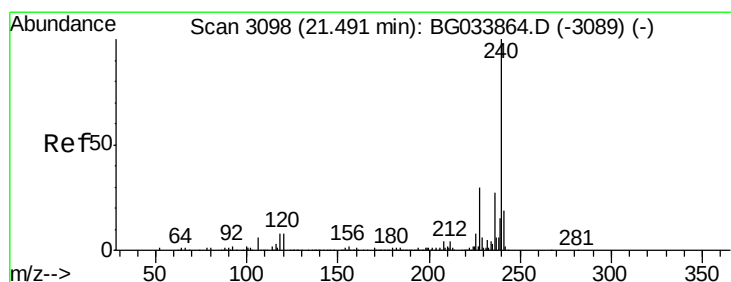
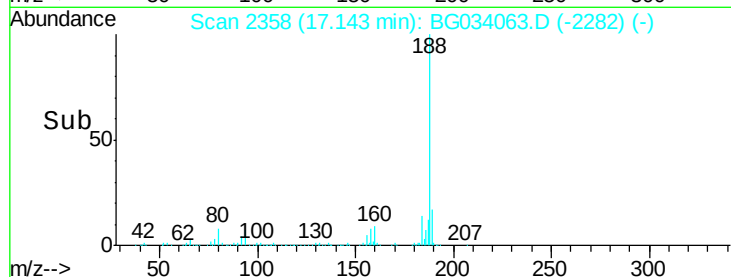
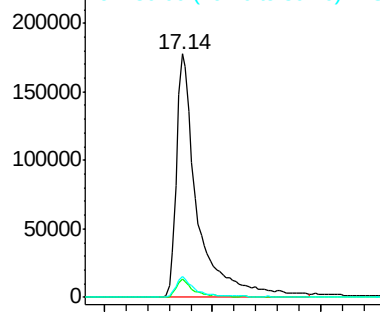
Tot Ion	Ratio	Resp	Lower	Upper
188	100	482477		
94	7.4	6.9	10.3	
80	8.4	7.7	11.5	

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Abundance Ion 188.00 (187.70 to 188.70): E



#75

Chrysene-d12

Concen: 20.000 ng

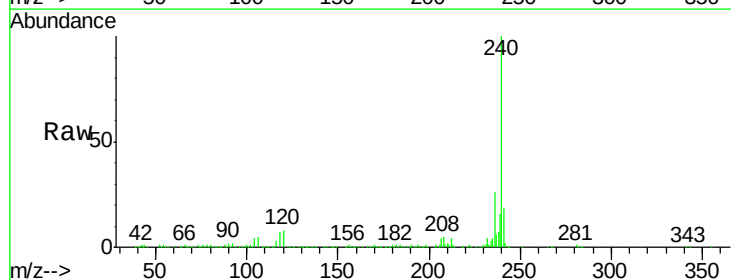
RT: 21.39 min Scan# 3081

Delta R.T. -0.10 min

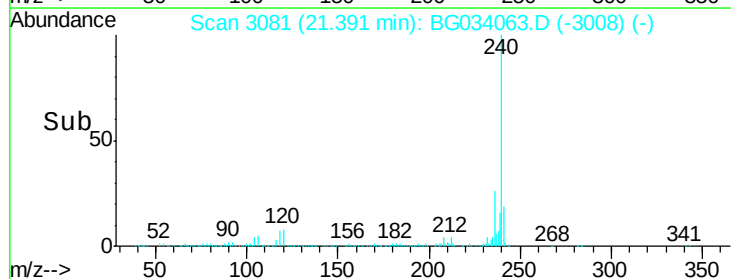
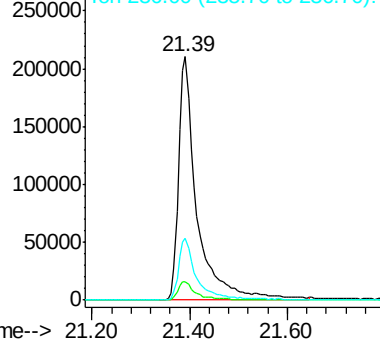
Lab File: BG034063.D

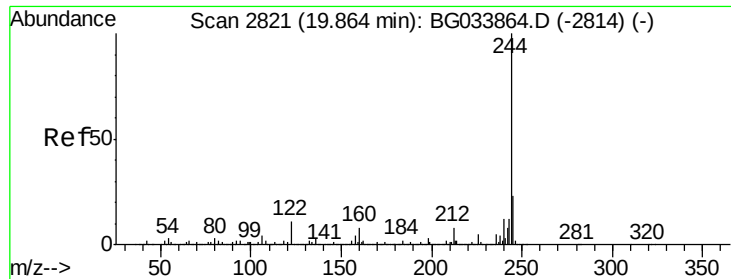
Acq: 28 Apr 2018 7:42

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	549809		
120	7.6	6.8	10.2	
236	25.6	20.9	31.3	



Abundance Ion 240.00 (239.70 to 240.70): E





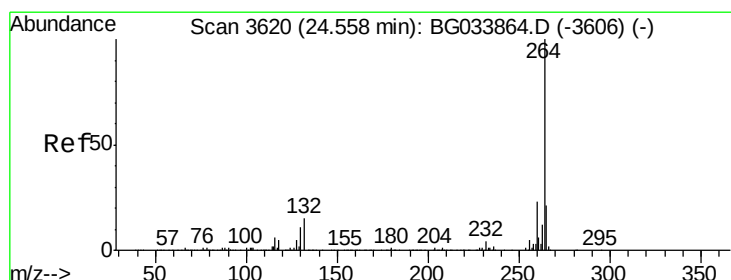
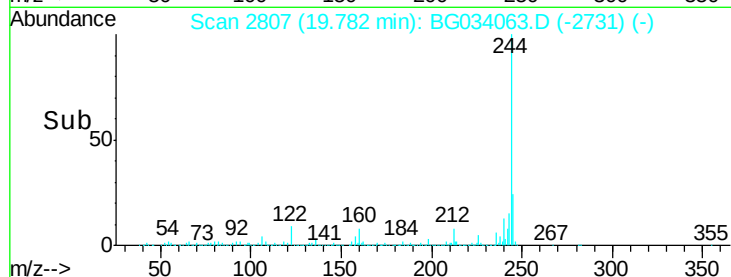
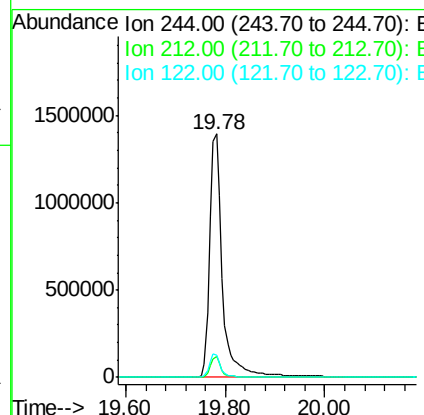
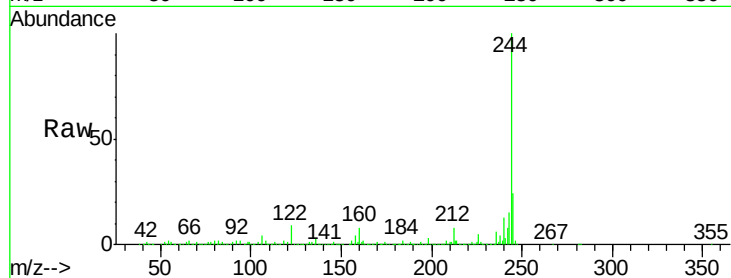
#78
 Terphenyl-d14
 Concen: 102.884 ng
 RT: 19.78 min Scan# 2807
 Delta R.T. -0.08 min
 Lab File: BG034063.D
 Acq: 28 Apr 2018 7:42

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Tot Ion:244 Resp: 2517860
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.8 8.8
 122 9.3 7.0 10.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.38 min Scan# 3590
 Delta R.T. -0.18 min
 Lab File: BG034063.D
 Acq: 28 Apr 2018 7:42

Tgt Ion:264 Resp: 535225
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.4 26.0
 265 22.9 17.7 26.5

