

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
 Data File : BG028774.D
 Acq On : 15 Sep 2017 19:20
 Operator : SJ/JU
 Sample : I5167-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS073062

Manual Integrations
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Quant Time: Sep 16 05:44:53 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	31318	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	134529	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	105272	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	280064	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	309589	20.00	ng	-0.05
86) Perylene-d12	25.46	264	320779	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	57275	30.18	ng	-0.04
7) Phenol-d6	7.45	99	47468	16.61	ng	-0.04
23) Nitrobenzene-d5	9.46	82	125421	44.60	ng	-0.04
41) 2,4,6-Tribromophenol	16.40	330	123398	70.87	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	355354	45.01	ng	-0.04
78) Terphenyl-d14	20.24	244	655213	45.13	ng	-0.04
Target Compounds						
35) Caprolactam	12.03	113	5164m	5.974	ng	Qvalue

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

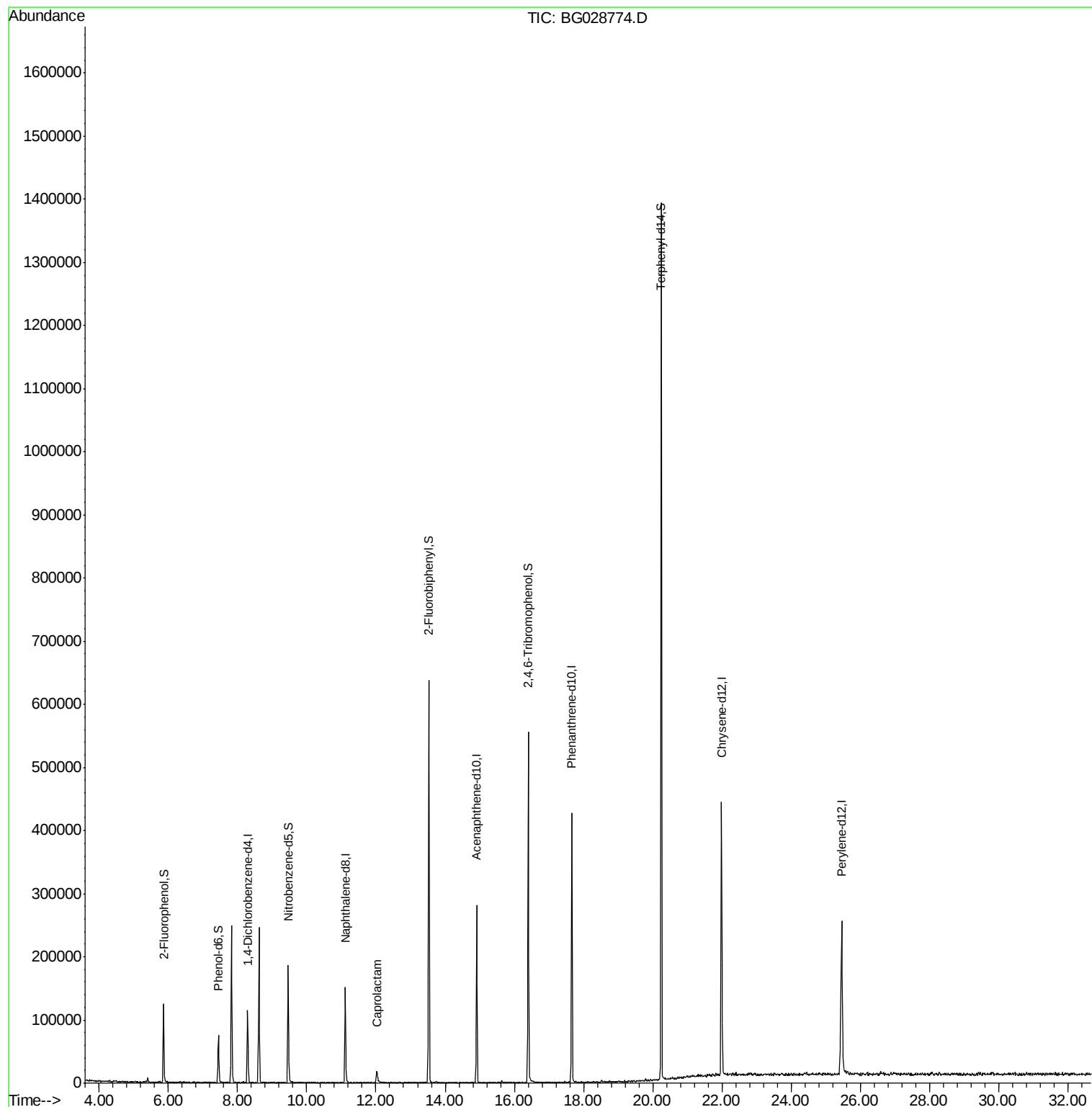
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
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#1

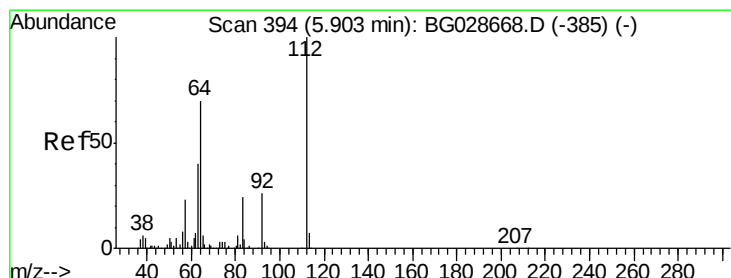
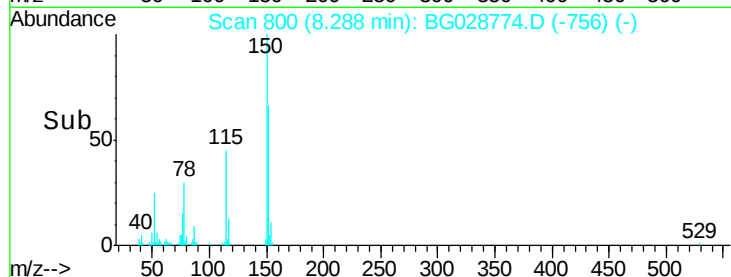
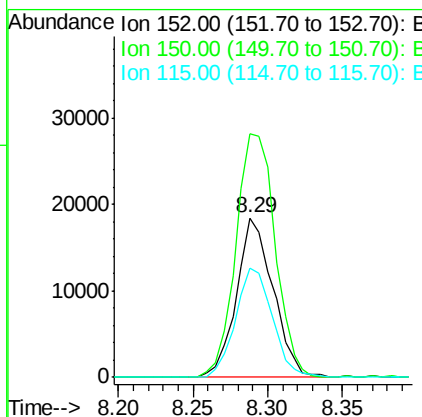
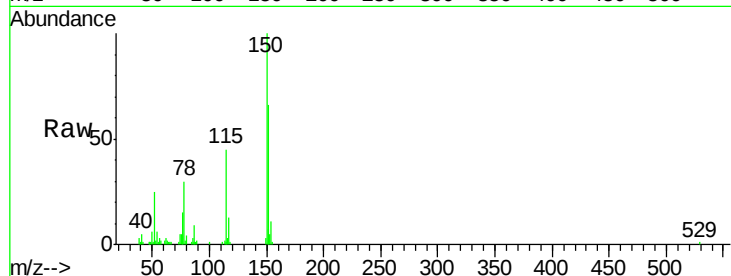
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Instrument :
BNA_G
ClientSampleId :
CPS073062

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.6	114.0	171.0
115	68.3	48.1	72.1

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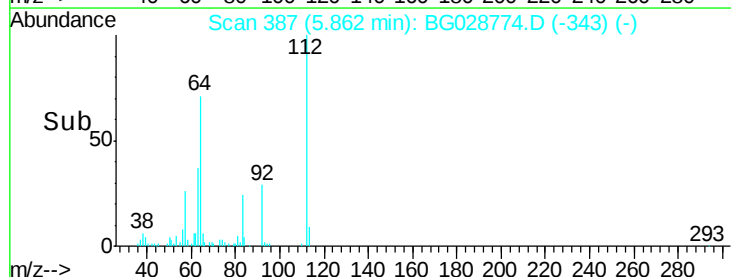
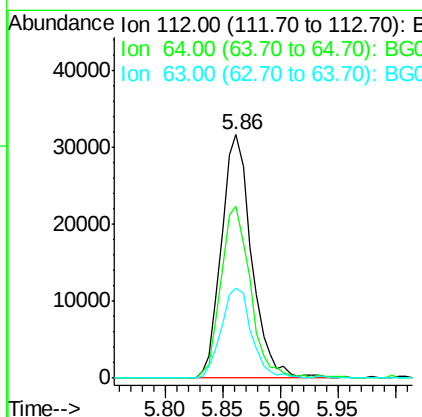
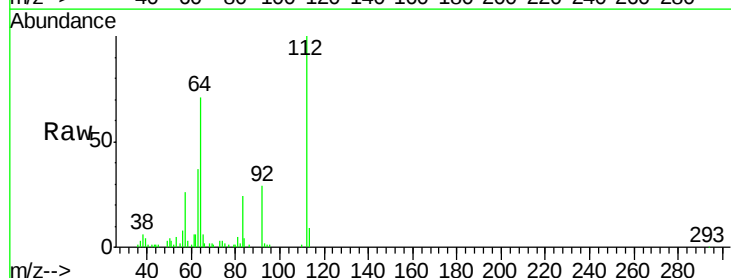
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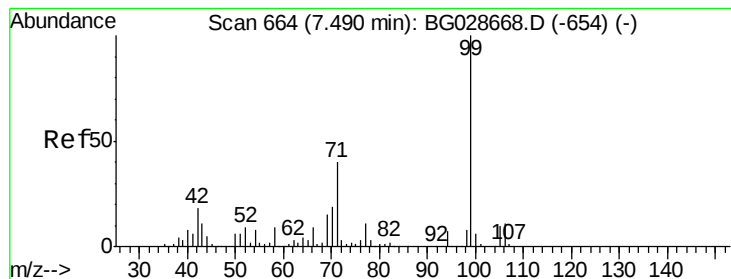


#5

2-Fluorophenol
Concen: 30.176 ng
RT: 5.86 min Scan# 387
Delta R.T. -0.04 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	61.8	92.6
63	37.2	37.2	55.8





#7

Phenol-d6

Concen: 16.611 ng

RT: 7.45 min Scan# 657

Delta R.T. -0.04 min

Lab File: BG028774.D

Acq: 15 Sep 2017 19:20

Instrument :

BNA_G

ClientSampleId :

CPS073062

Tgt Ion: 99 Resp: 47468

Ion Ratio Lower Upper

99 100

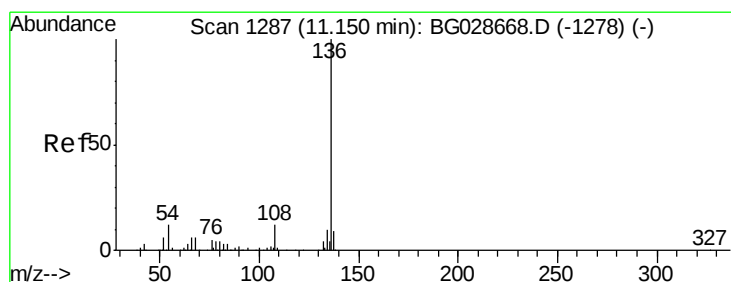
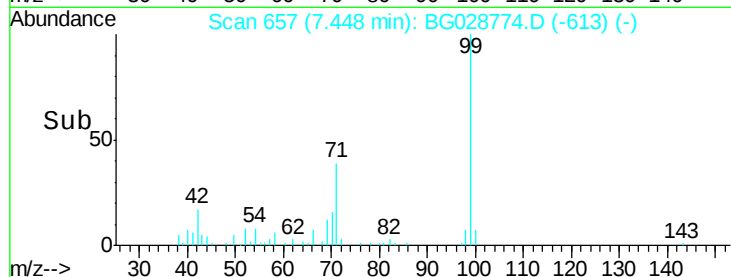
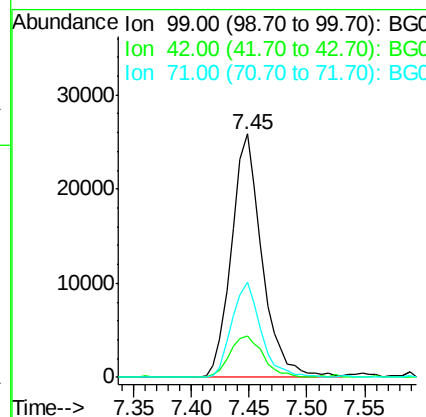
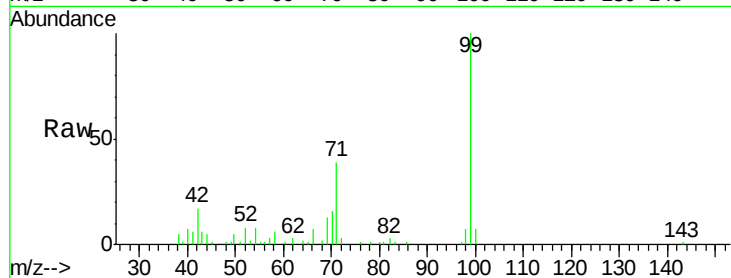
42 17.2 20.5 30.7#

71 39.3 37.6 56.4

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.11 min Scan# 1281

Delta R.T. -0.04 min

Lab File: BG028774.D

Acq: 15 Sep 2017 19:20

Tgt Ion: 136 Resp: 134529

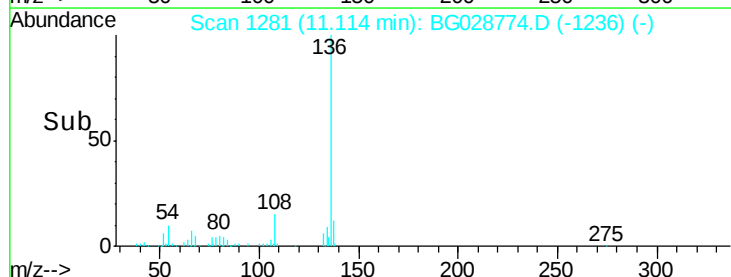
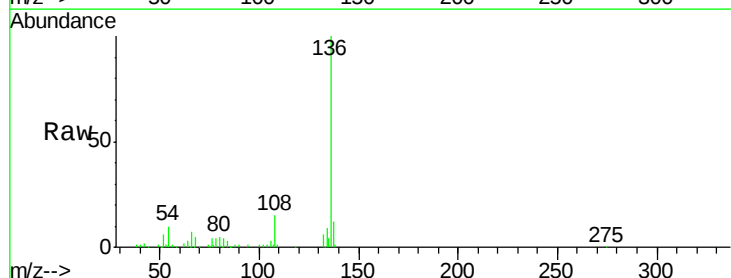
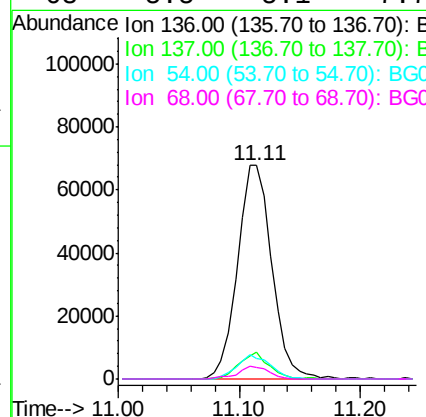
Ion Ratio Lower Upper

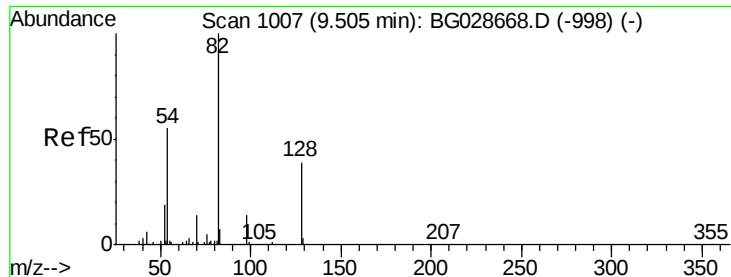
136 100

137 12.3 8.9 13.3

54 9.7 9.3 13.9

68 5.5 5.1 7.7





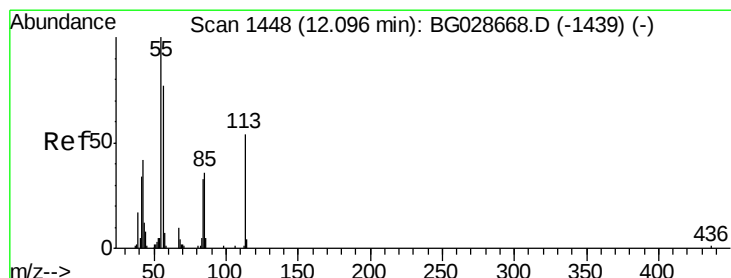
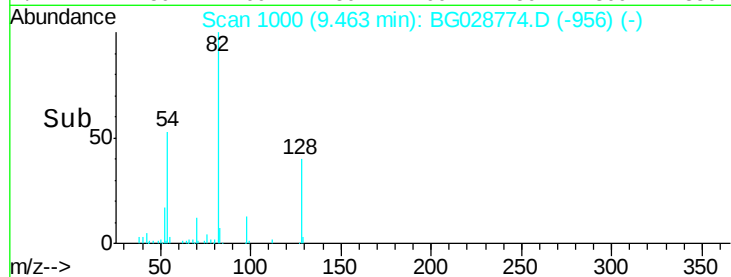
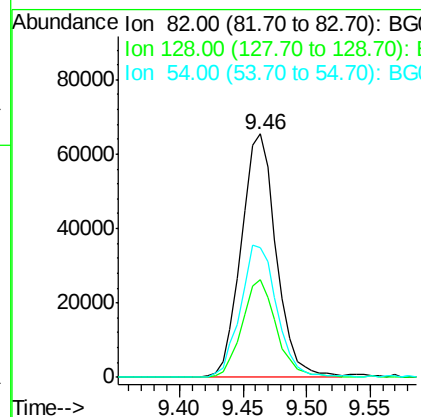
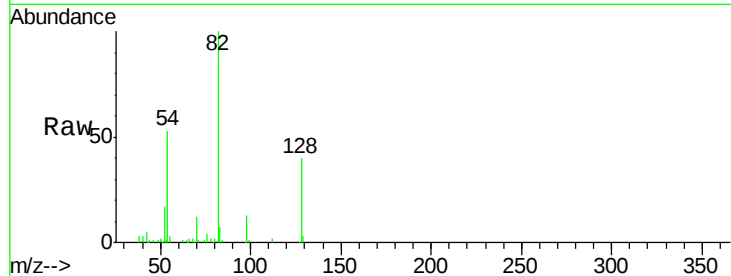
#23
 Nitrobenzene-d5
 Concen: 44.599 ng
 RT: 9.46 min Scan# 1000
 Delta R.T. -0.04 min
 Lab File: BG028774.D
 Acq: 15 Sep 2017 19:20

Instrument :
 BNA_G
 ClientSampleId :
 CPS073062

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	125421		
128	40.2	26.4	39.6#	
54	53.4	49.4	74.2	

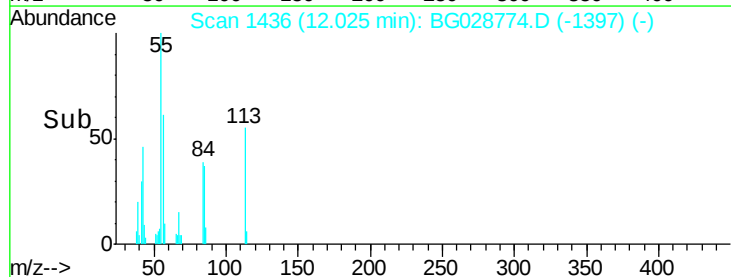
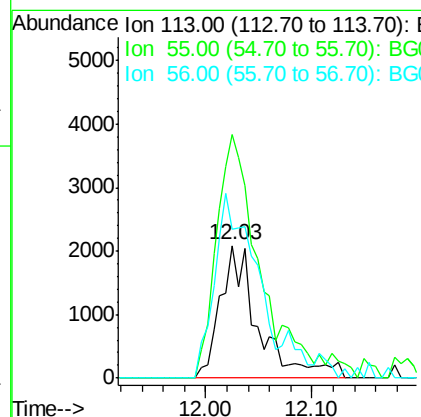
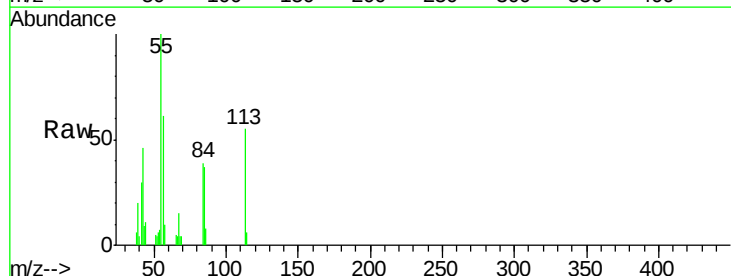
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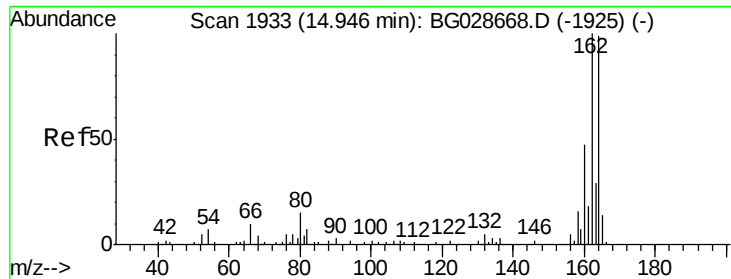
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#35
 Caprolactam
 Concen: 5.974 ng m
 RT: 12.03 min Scan# 1436
 Delta R.T. -0.07 min
 Lab File: BG028774.D
 Acq: 15 Sep 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	5164		
55	183.3	198.6	238.6#	
56	111.7	140.4	180.4#	





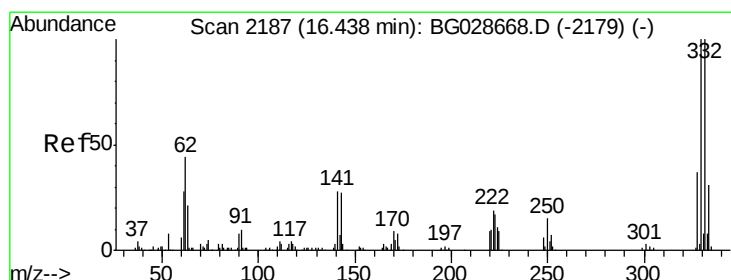
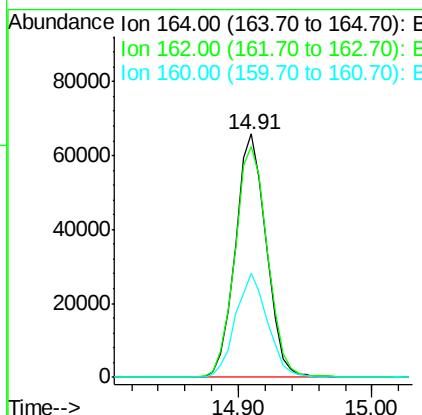
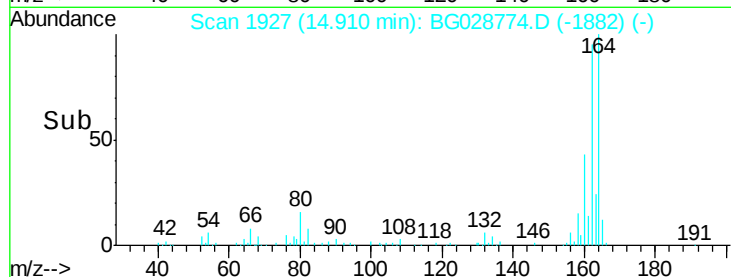
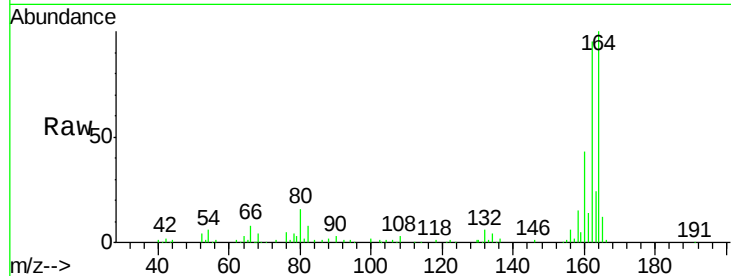
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1927
Delta R.T. -0.04 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Instrument :
BNA_G
ClientSampleId :
CPS073062

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	105272		
162	95.0	85.1	127.7	
160	42.7	34.7	52.1	

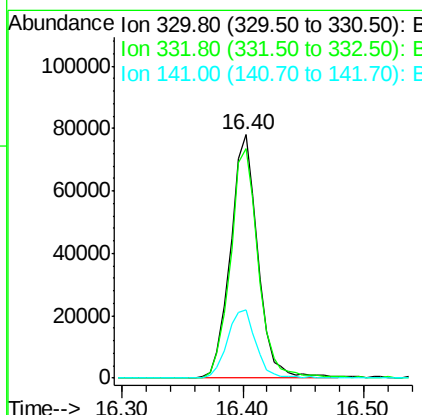
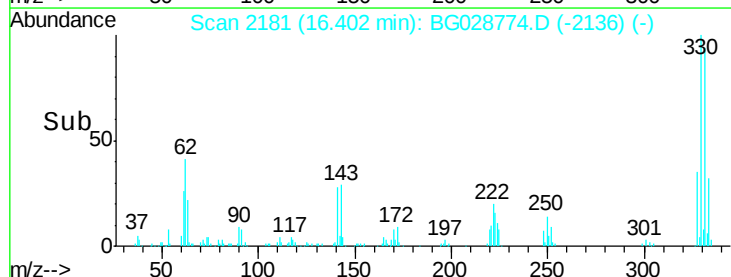
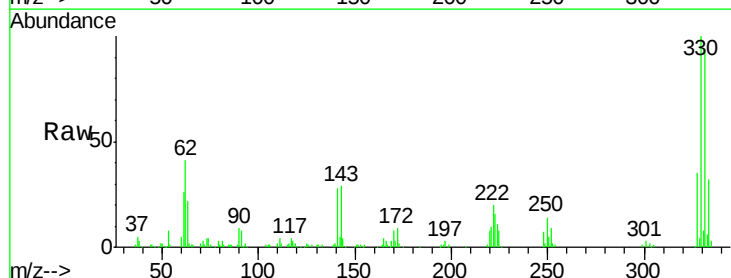
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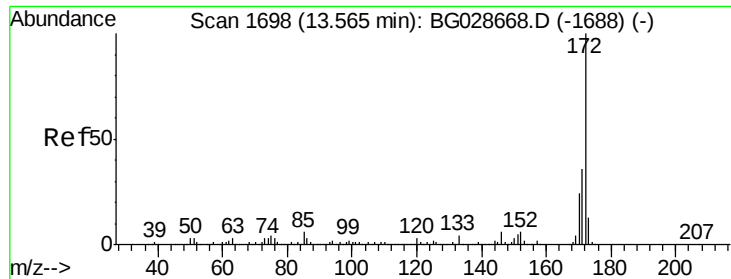
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#41
2,4,6-Tribromophenol
Concen: 70.872 ng
RT: 16.40 min Scan# 2181
Delta R.T. -0.04 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	123398		
332	96.3	77.3	115.9	
141	29.1	32.1	48.1	





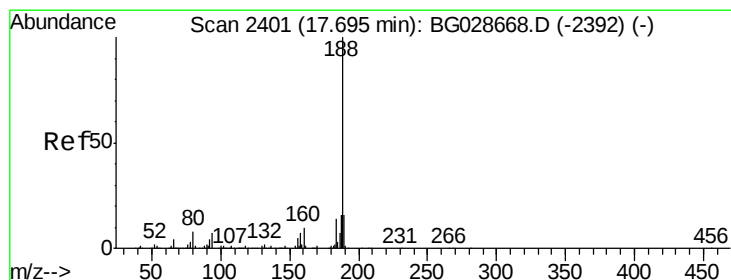
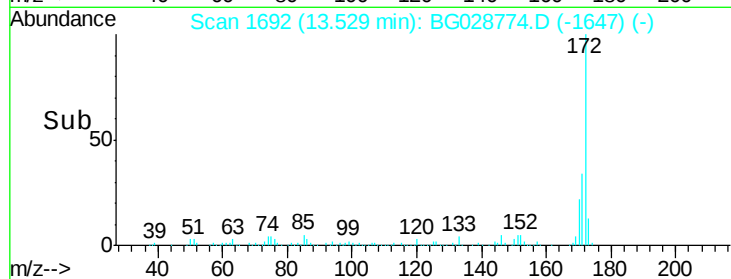
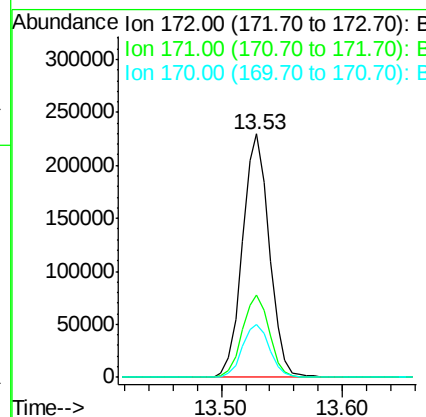
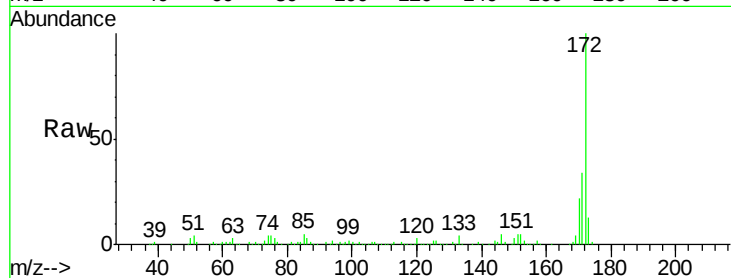
#44
 2-Fluorobiphenyl
 Concen: 45.011 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028774.D
 Acq: 15 Sep 2017 19:20

Instrument :
 BNA_G
 ClientSampleId :
 CPS073062

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	355354		
171	33.7	32.2	48.2	
170	21.9	21.8	32.6	

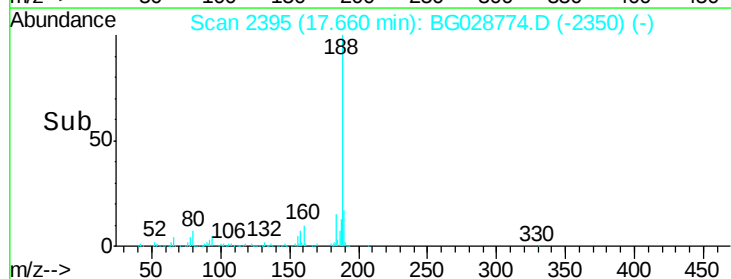
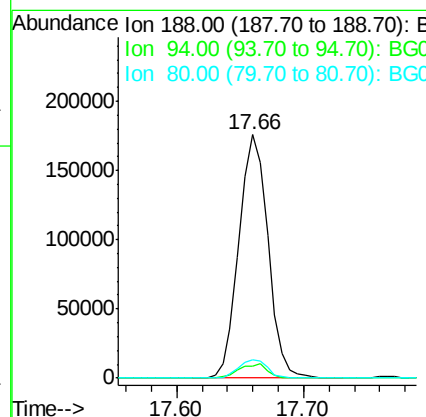
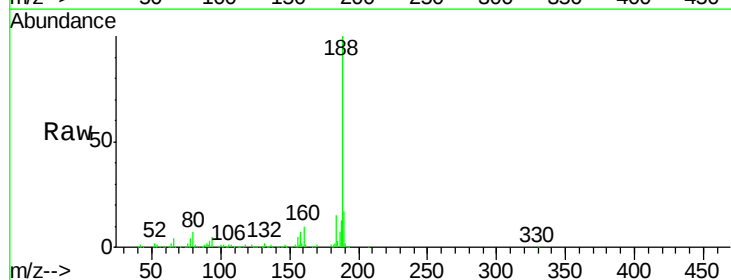
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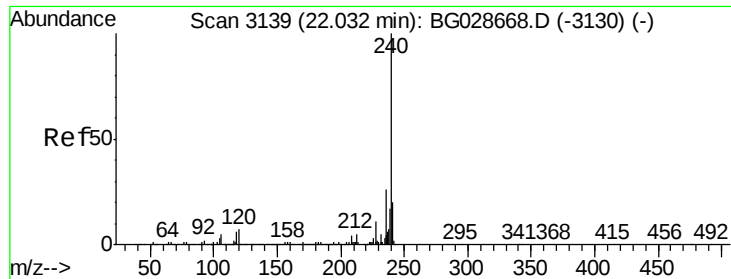
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.66 min Scan# 2395
 Delta R.T. -0.04 min
 Lab File: BG028774.D
 Acq: 15 Sep 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	280064		
94	5.1	5.8	8.8#	
80	7.4	7.5	11.3#	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028774.D

Acq: 15 Sep 2017 19:20

Instrument :

BNA_G

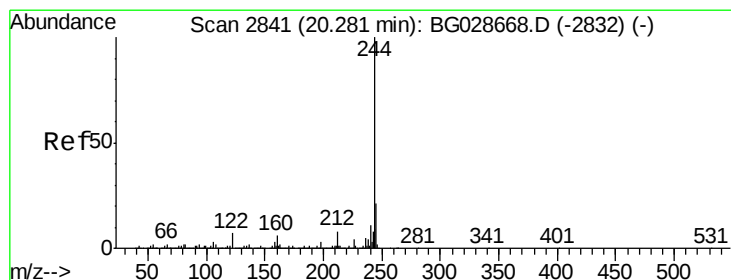
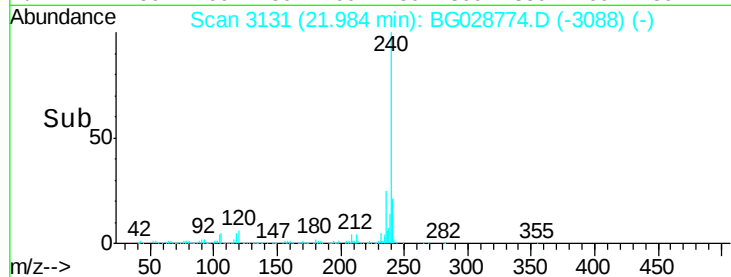
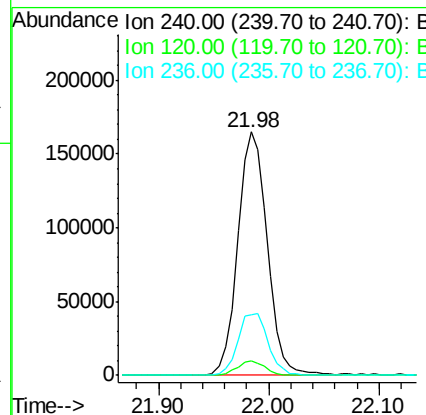
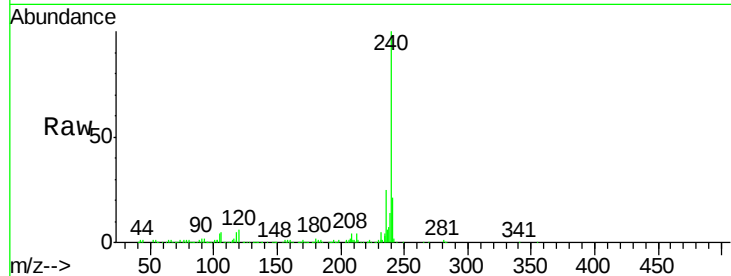
ClientSampleId :

CPS073062

Tgt Ion:	240	Resp:	309589
Ion Ratio	Lower	Upper	
240	100		
120	5.7	5.7	8.5
236	24.9	22.2	33.4

Manual Integrations
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#78

Terphenyl-d14

Concen: 45.134 ng

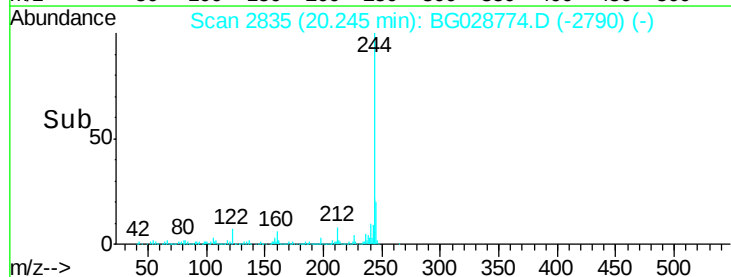
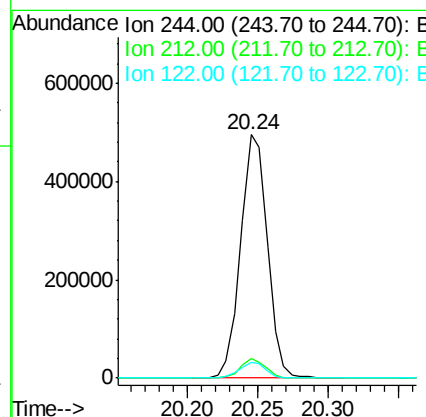
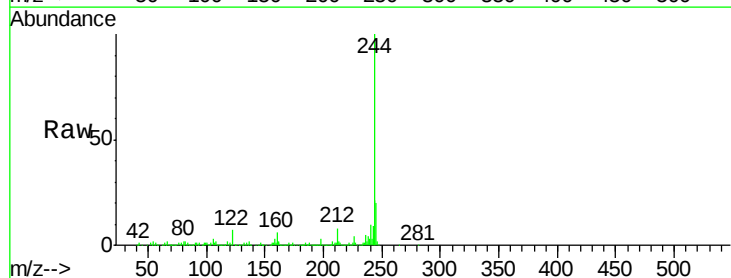
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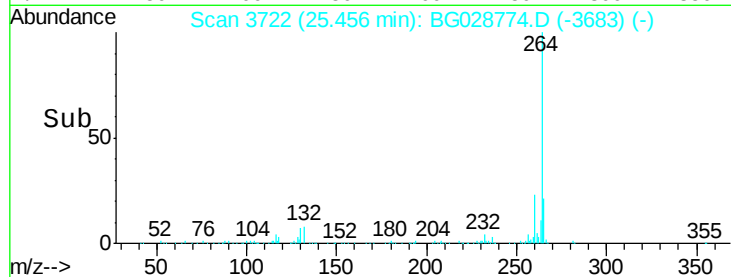
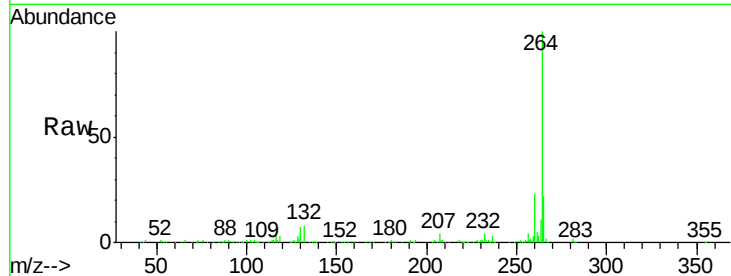
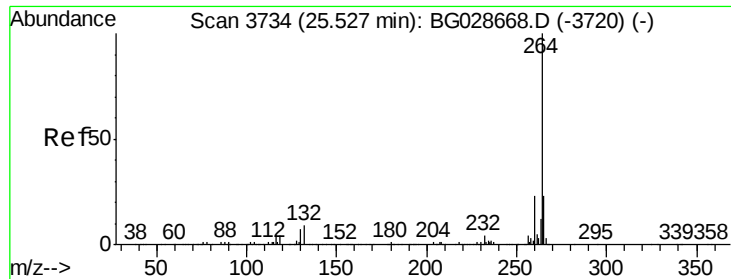
Delta R.T. -0.04 min

Lab File: BG028774.D

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Tgt Ion:	244	Resp:	655213
Ion Ratio	Lower	Upper	
244	100		
212	8.0	10.0	15.0#
122	6.7	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.46 min Scan# 3722
Delta R.T. -0.07 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Instrument :
BNA_G
ClientSampleId :
CPS073062

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.2	21.8	32.8
265	21.6	18.2	27.4

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