

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
 Data File : BG040062.D
 Acq On : 21 Mar 2019 9:46
 Operator : JU/SJ
 Sample : K1688-30
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-031919-E

Manual Integrations
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Quant Time: Mar 21 12:02:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	35242	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	156808	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	108935	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	276035	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	273196	20.00	ng	-0.03
87) Perylene-d12	25.15	264	271926	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	315894	152.92	ng	-0.02
7) Phenol-d6	7.30	99	431130	139.97	ng	-0.02
23) Nitrobenzene-d5	9.32	82	299713	103.37	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	196565	154.81	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	700921	91.61	ng	-0.03
79) Terphenyl-d14	20.11	244	1185114	95.51	ng	-0.02
Target Compounds						
32) Benzoic acid	10.22	122	2618m	8.038	ng	Qvalue

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

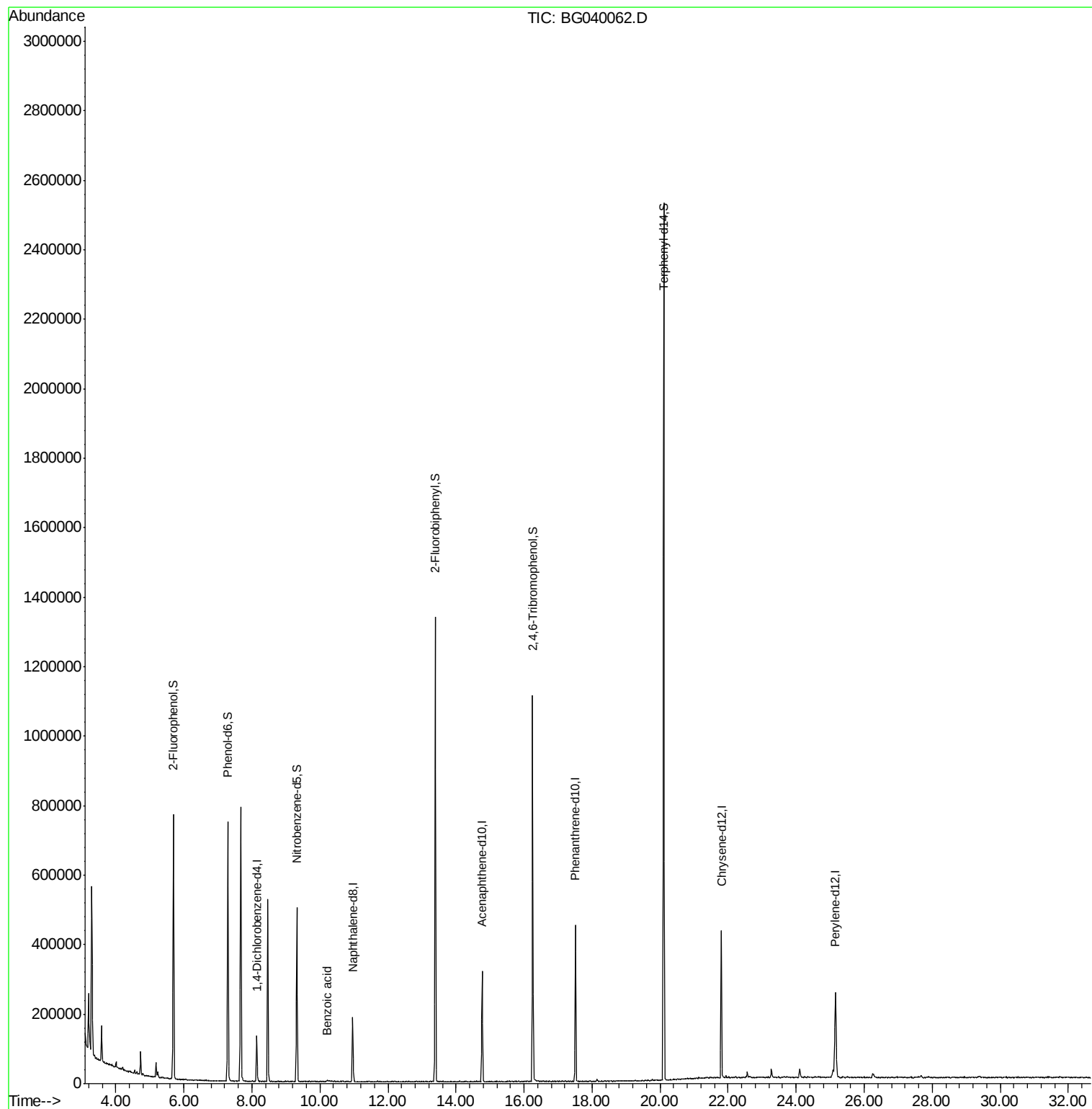
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040062.D
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#1

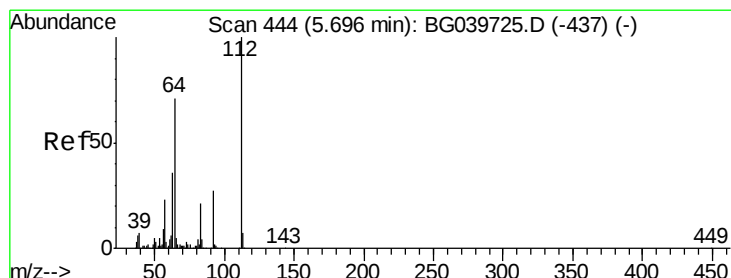
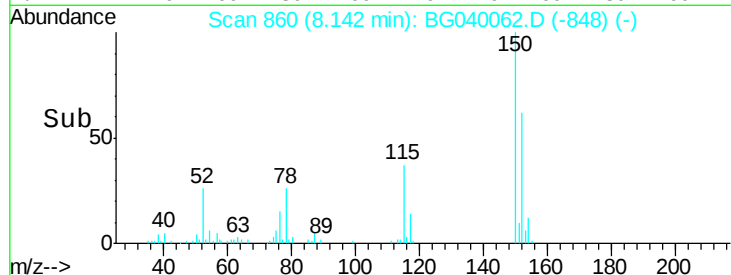
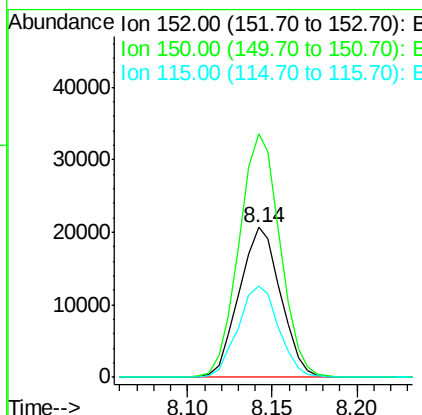
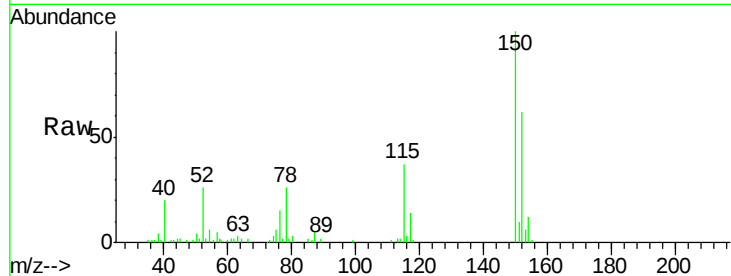
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040062.D
Acq: 21 Mar 2019 9:46

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-E

Tgt	Ion	Ratio	Lower	Upper
152	100			
150	162.6	123.7	185.5	
115	60.9	45.9	68.9	

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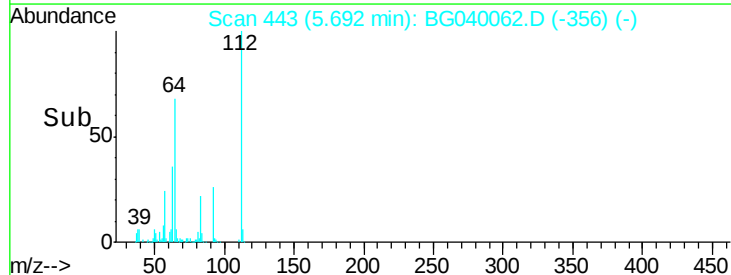
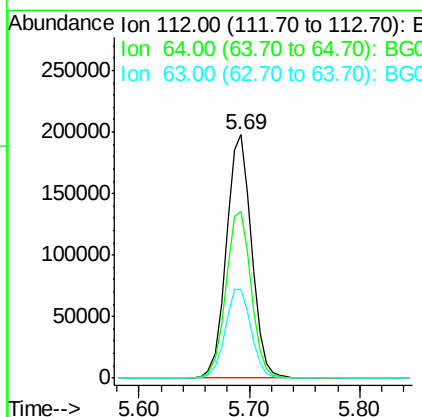
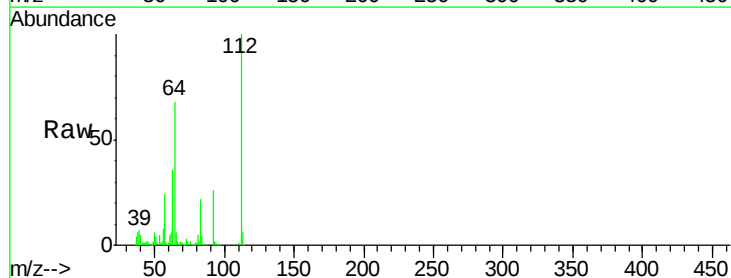
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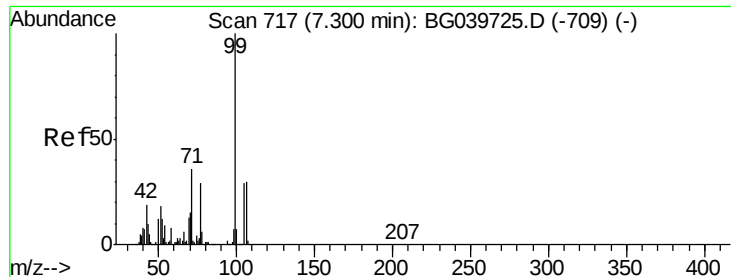


#5

2-Fluorophenol
Concen: 152.919 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040062.D
Acq: 21 Mar 2019 9:46

Tgt	Ion	Ratio	Lower	Upper
112	100			
64	68.3	57.8	86.8	
63	36.3	29.8	44.6	





#7

Phenol-d6

Concen: 139.970 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040062.D

Acq: 21 Mar 2019 9:46

Instrument :

BNA_G

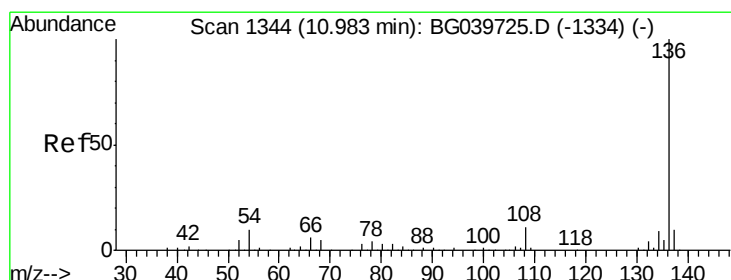
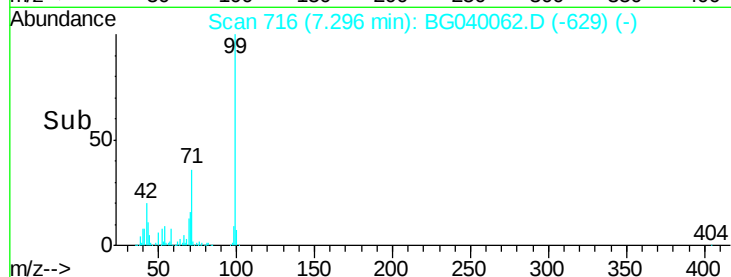
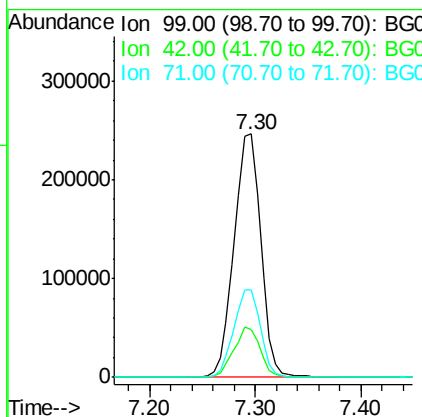
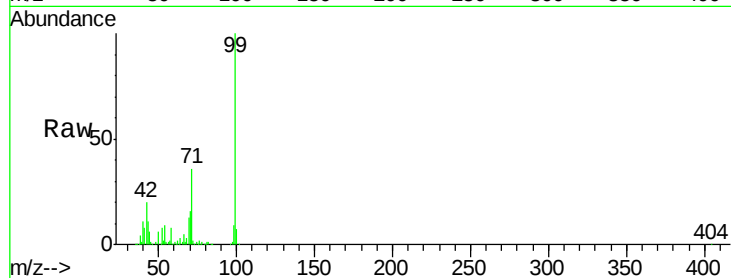
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Tgt Ion:	99	Resp:	431130
Ion Ratio	Lower	Upper	
99	100		
42	19.9	18.2	27.2
71	35.8	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

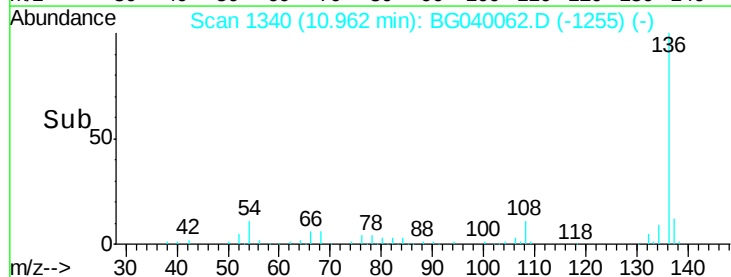
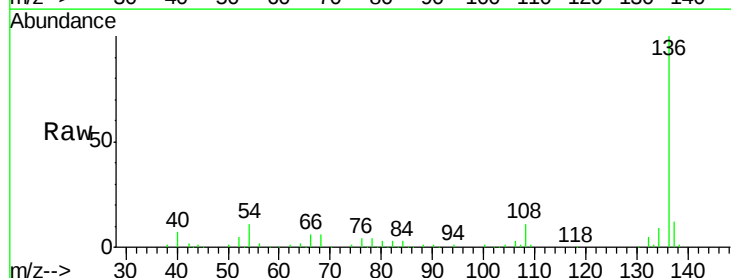
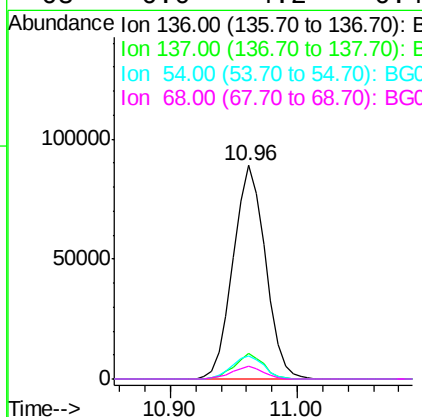
RT: 10.96 min Scan# 1340

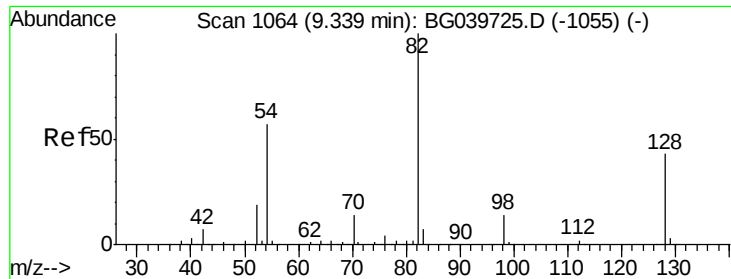
Delta R.T. -0.03 min

Lab File: BG040062.D

Acq: 21 Mar 2019 9:46

Tgt Ion:	136	Resp:	156808
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.1	13.7
54	11.1	9.4	14.2
68	6.0	4.2	6.4





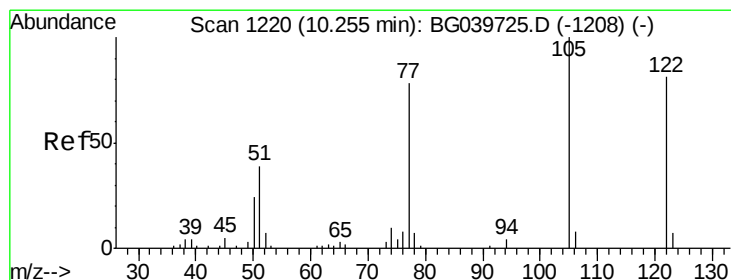
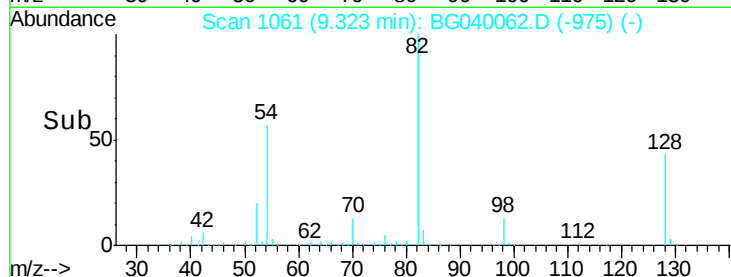
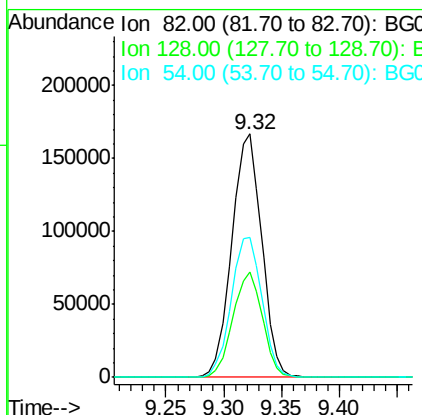
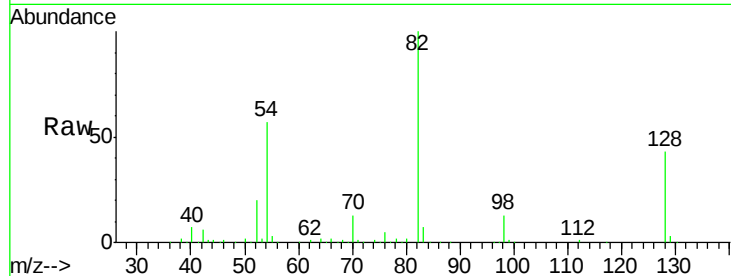
#23
 Nitrobenzene-d5
 Concen: 103.373 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040062.D
 Acq: 21 Mar 2019 9:46

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-031919-E

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	299713		
128	43.4	31.3	46.9	
54	57.4	50.9	76.3	

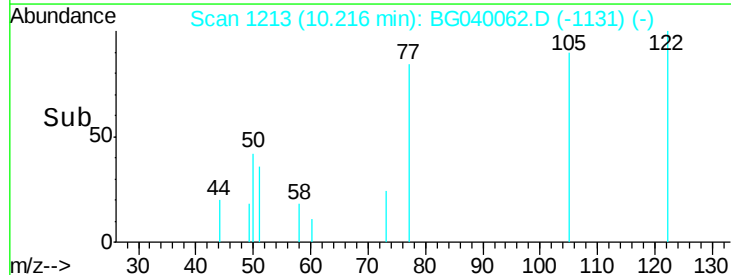
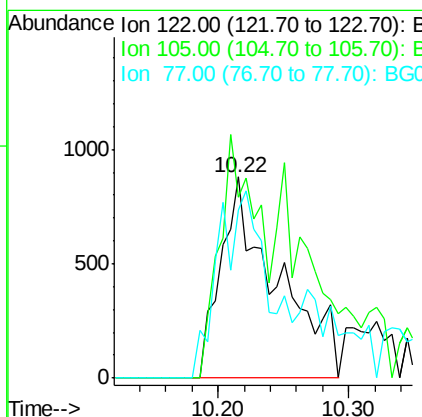
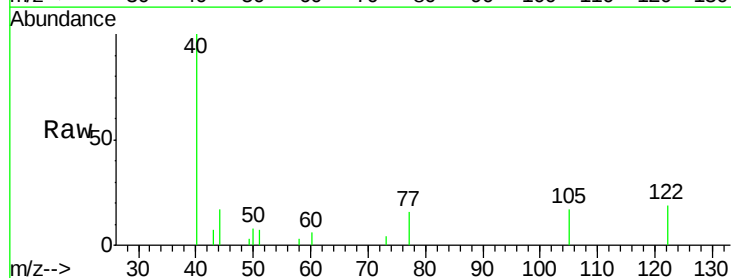
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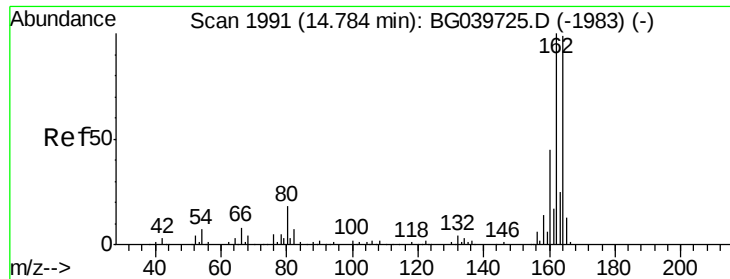
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#32
 Benzoic acid
 Concen: 8.038 ng m
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.05 min
 Lab File: BG040062.D
 Acq: 21 Mar 2019 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	2618		
105	90.1	101.8	141.8#	
77	83.7	76.3	116.3	





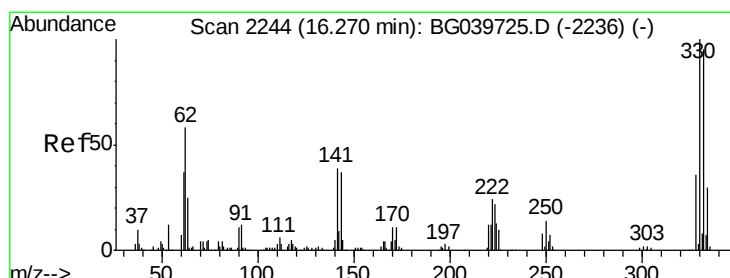
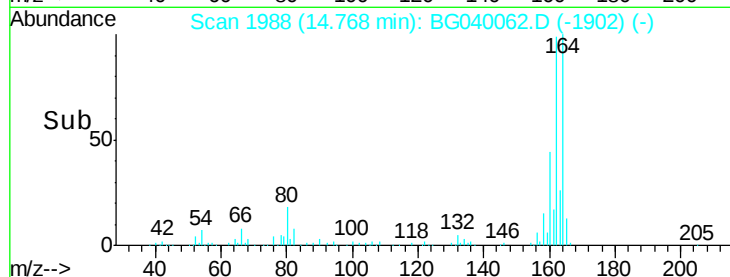
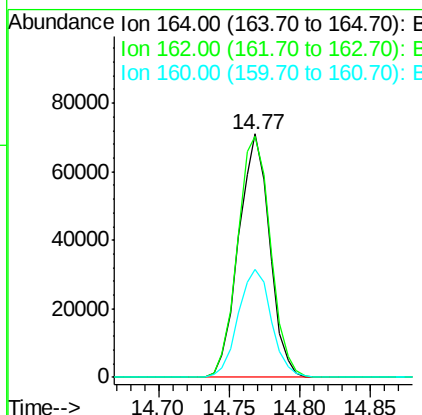
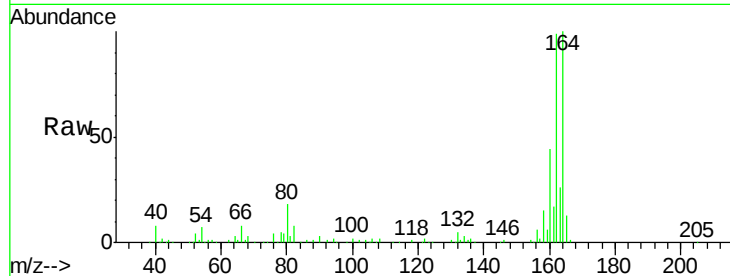
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040062.D
Acq: 21 Mar 2019 9:46

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-E

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	108935		
162	99.0	81.6	122.4	
160	44.3	34.2	51.2	

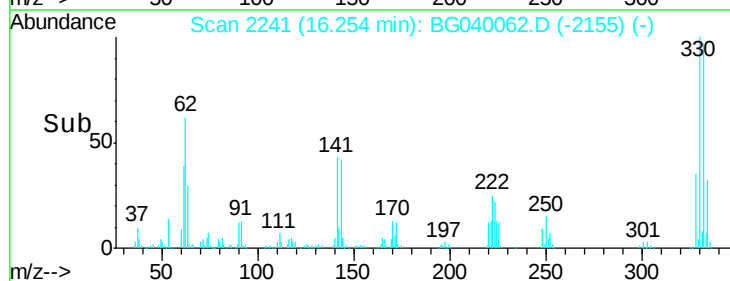
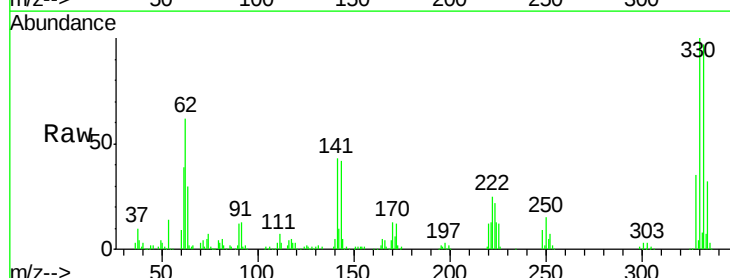
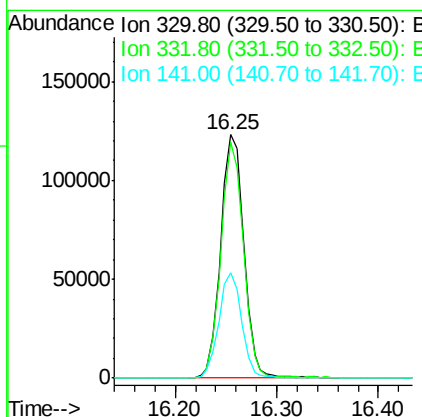
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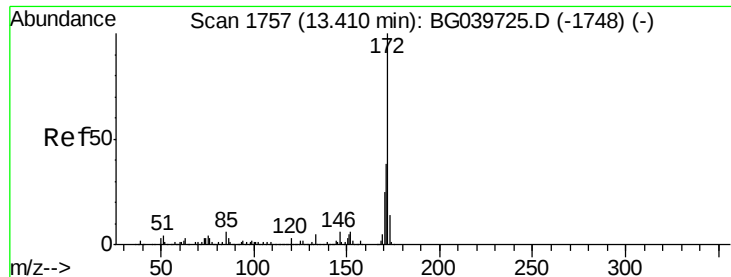
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#42
2,4,6-Tribromophenol
Concen: 154.810 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040062.D
Acq: 21 Mar 2019 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	196565		
332	94.2	75.7	113.5	
141	42.7	35.6	53.4	





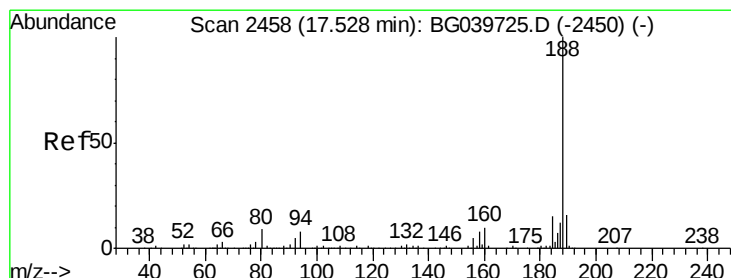
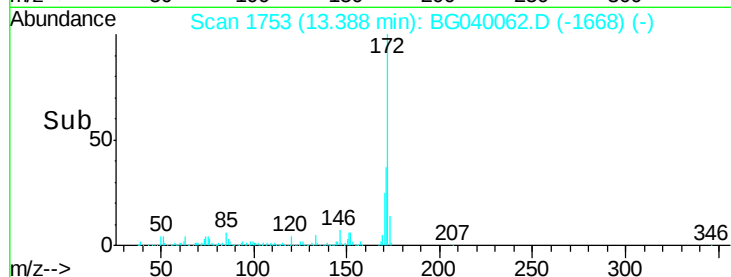
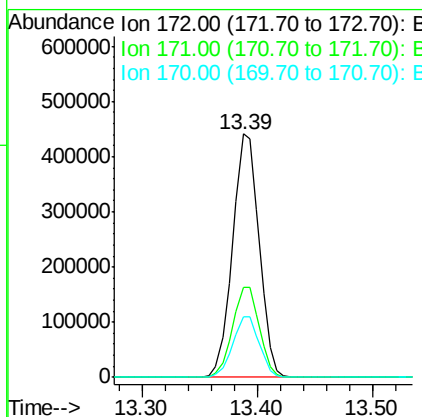
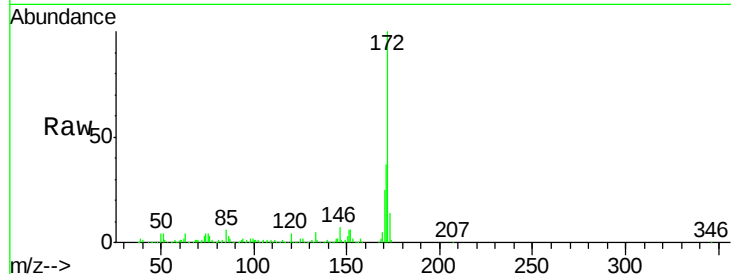
#45
 2-Fluorobiphenyl
 Concen: 91.614 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040062.D
 Acq: 21 Mar 2019 9:46

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-031919-E

Tgt	Ion	Resp	Lower	Upper
172	100			
171	36.9	30.8	46.2	
170	25.0	20.2	30.4	

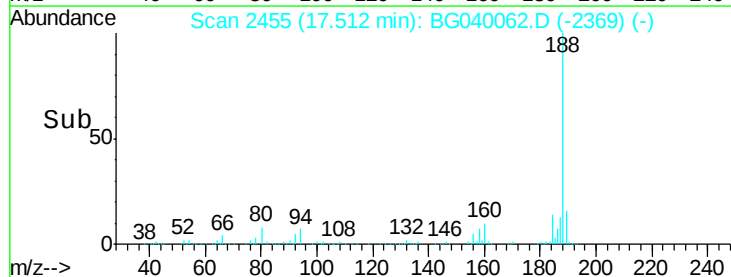
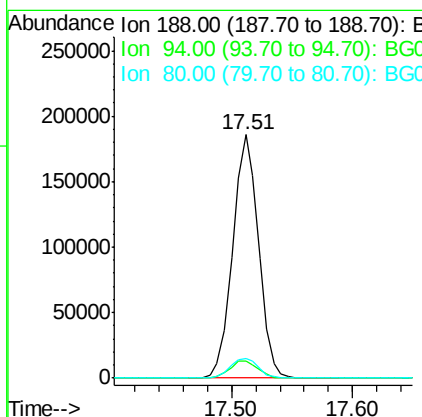
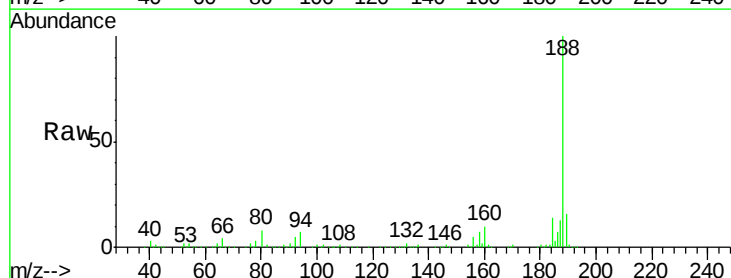
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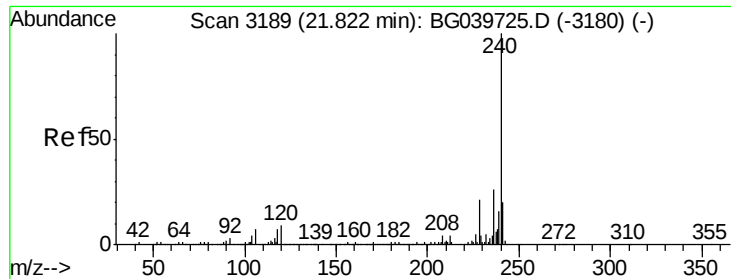
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG040062.D
 Acq: 21 Mar 2019 9:46

Tgt	Ion	Resp	Lower	Upper
188	100			
94	7.2	6.9	10.3	
80	8.2	8.1	12.1	





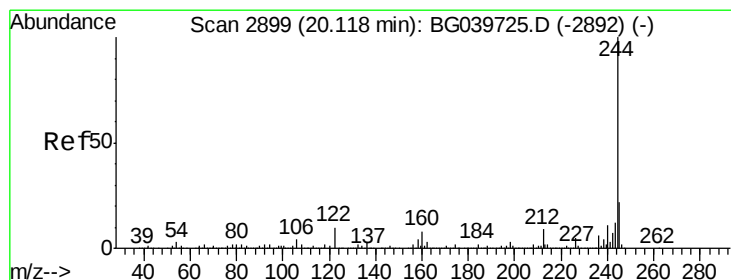
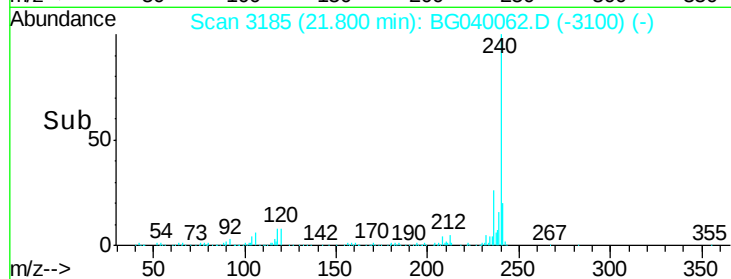
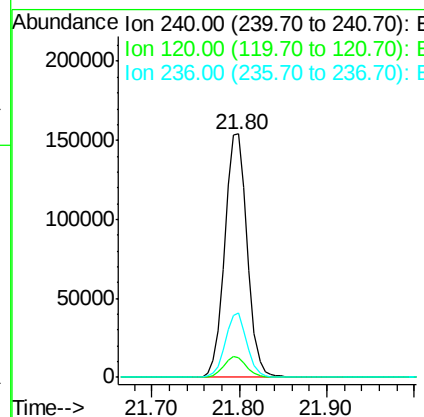
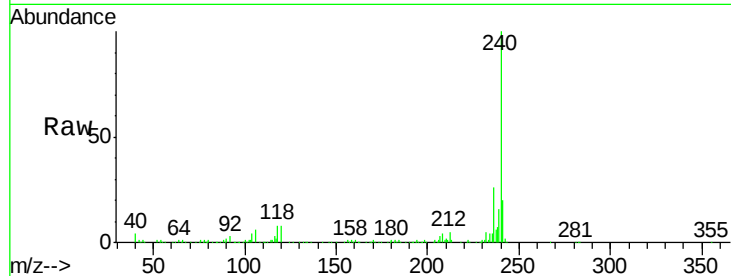
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040062.D
Acq: 21 Mar 2019 9:46

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-E

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	273196		
120	7.8	7.0	10.6	
236	26.5	21.0	31.4	

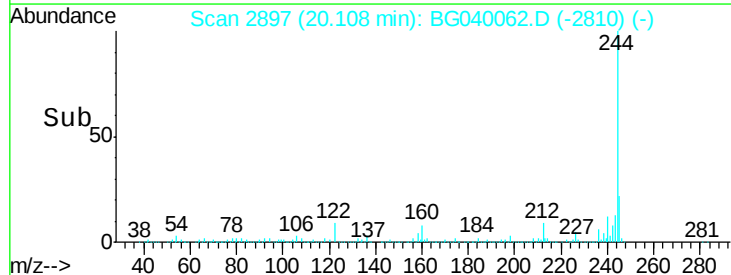
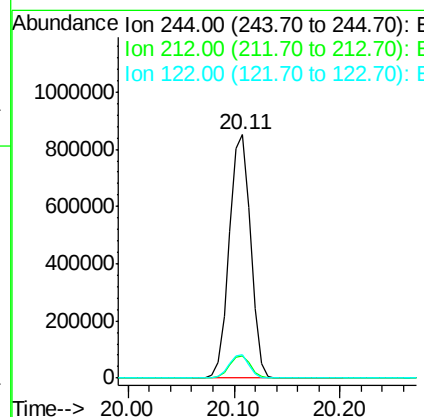
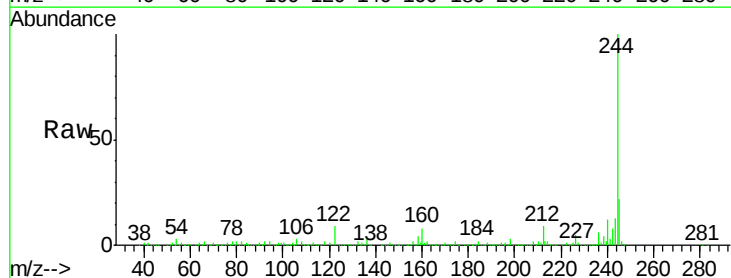
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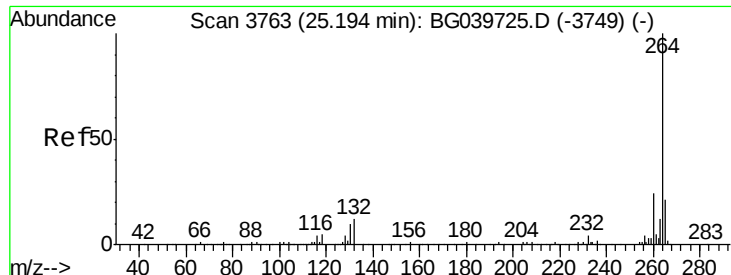
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#79
Terphenyl-d14
Concen: 95.513 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040062.D
Acq: 21 Mar 2019 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1185114		
212	9.3	7.3	10.9	
122	9.4	8.4	12.6	





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3756
Delta R.T. -0.05 min
Lab File: BG040062.D
Acq: 21 Mar 2019 9:46

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-E

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.2	18.2	27.4
265	20.4	18.5	27.7

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