

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
 Data File : BG039914.D
 Acq On : 13 Mar 2019 22:42
 Operator : JU/SJ
 Sample : K1869-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-2

Manual Integrations
 APPROVED

Sohil
 3/14/2019 11:12:18 AM

Quant Time: Mar 14 04:40:41 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	8.15	152	51851	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	213342	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	144666	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	350111	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	328162	20.00	ng	-0.03
87) Perylene-d12	25.16	264	322760	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	402157	132.32	ng	-0.02
7) Phenol-d6	7.30	99	528063	116.52	ng	-0.02
23) Nitrobenzene-d5	9.32	82	387640	98.27	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	244322	144.90	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	916407	90.19	ng	-0.02
79) Terphenyl-d14	20.11	244	1284520	86.18	ng	-0.02
Target Compounds						
32) Benzoic acid	10.22	122	6462m	9.211	ng	Qvalue

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

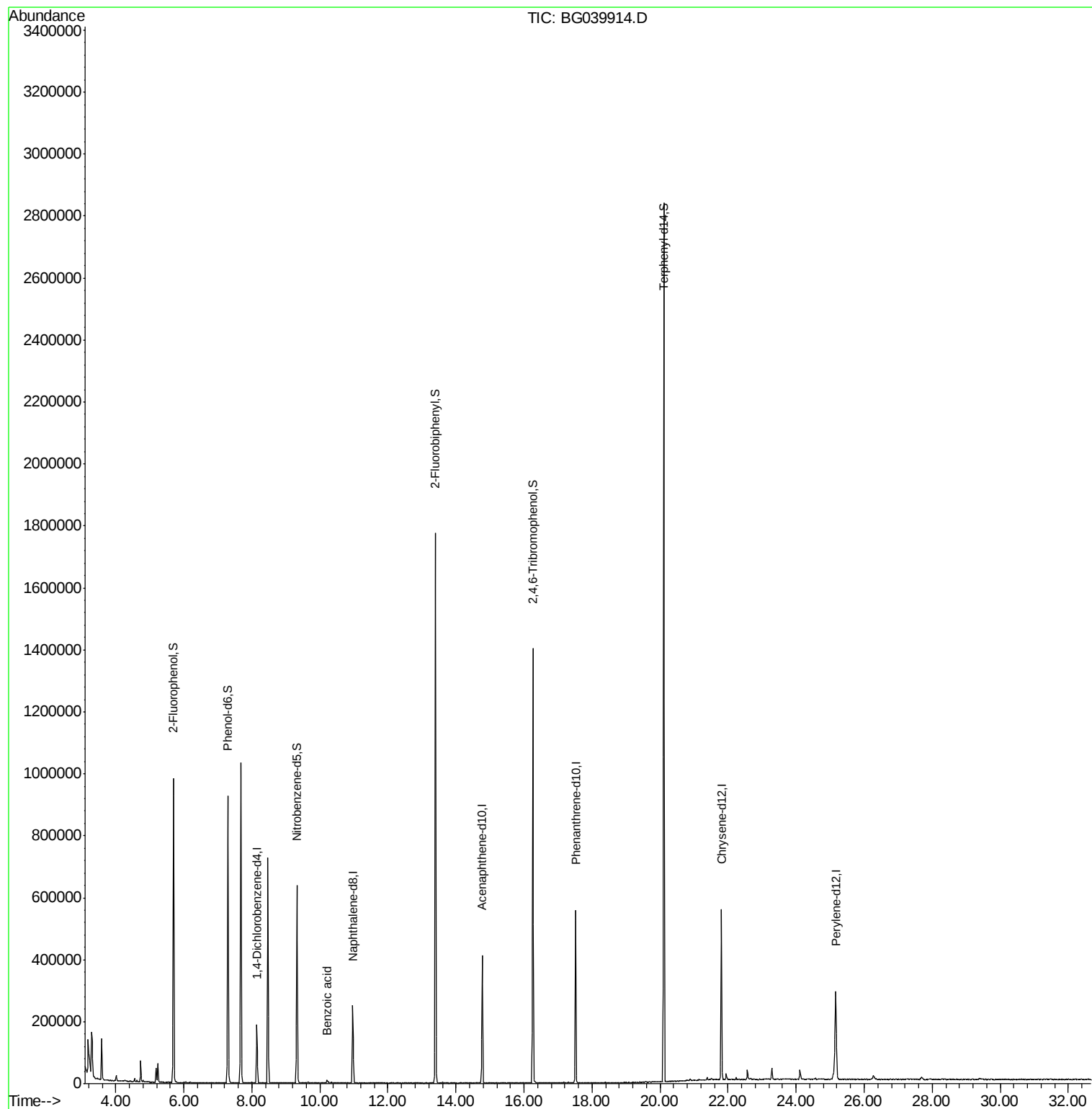
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
Data File : BG039914.D
Acq On : 13 Mar 2019 22:42
Operator : JU/SJ
Sample : K1869-16
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Instrument :
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#1

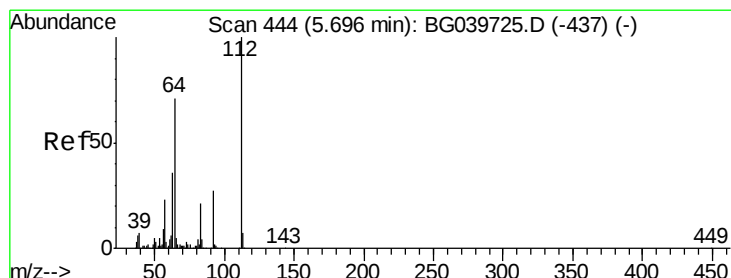
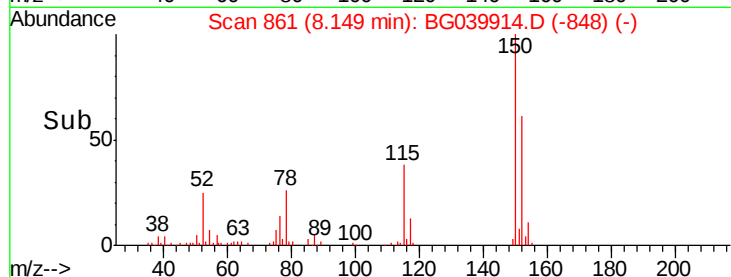
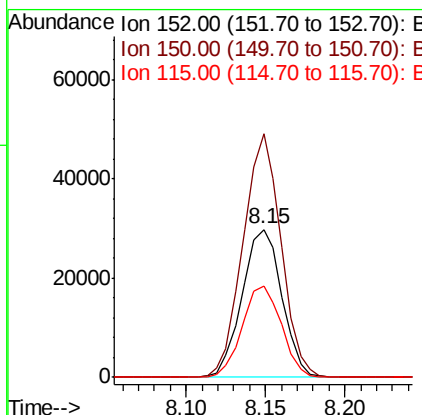
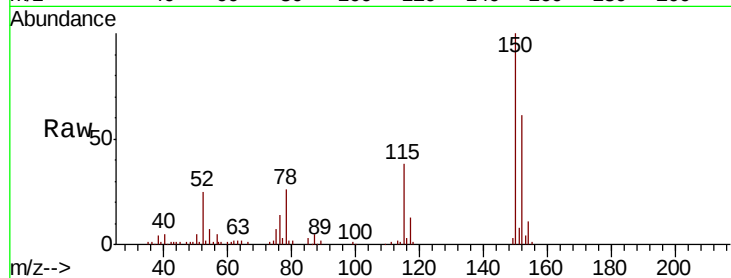
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039914.D
Acq: 13 Mar 2019 22:42

Instrument :
BNA_G
ClientSampled :
SP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.3	123.7	185.5
115	62.0	45.9	68.9

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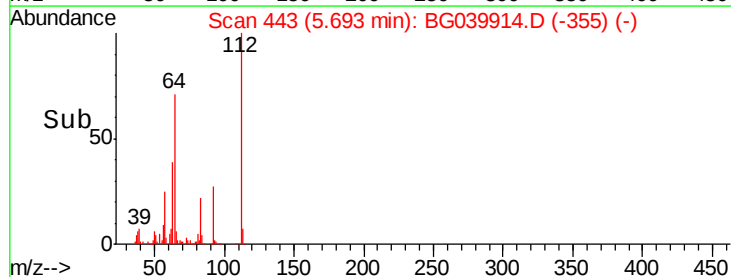
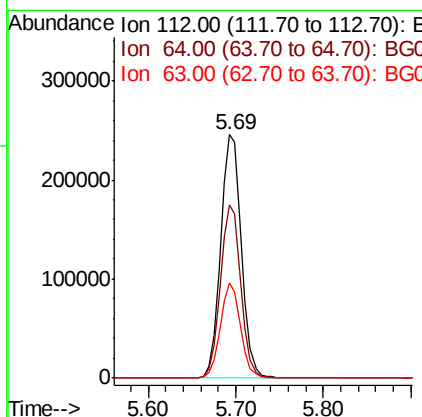
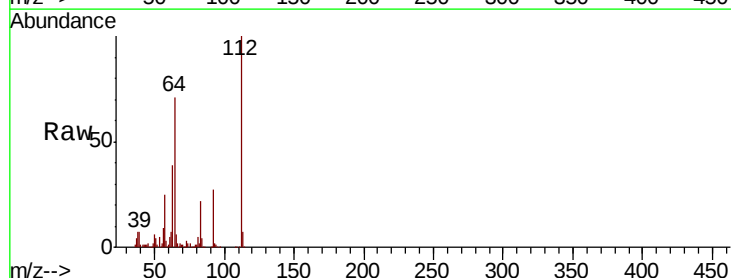
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#5

2-Fluorophenol
Concen: 132.318 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039914.D
Acq: 13 Mar 2019 22:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	57.8	86.8
63	38.9	29.8	44.6





#7

Phenol-d6

Concen: 116.524 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039914.D

Acq: 13 Mar 2019 22:42

Instrument :

BNA_G

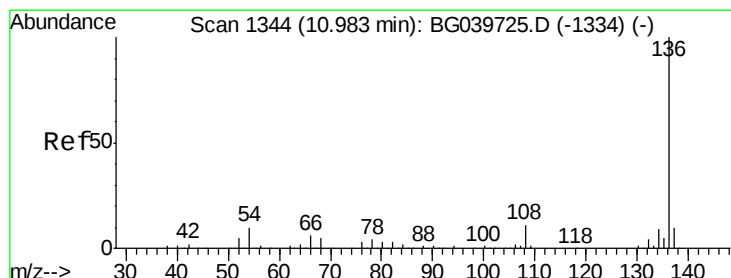
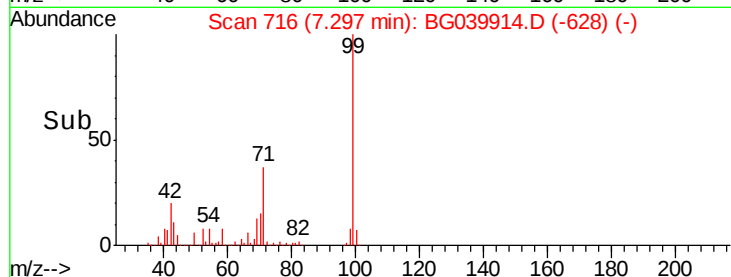
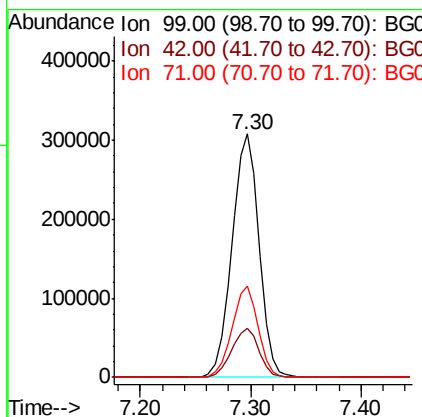
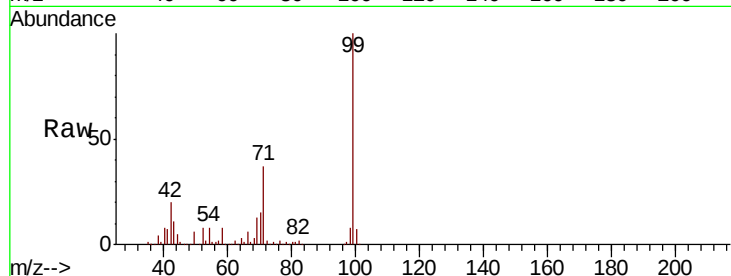
ClientSampled :

SP-2

Tot Ion:	99	Resp:	528063
Ion Ratio	Lower	Upper	
99	100		
42	20.0	18.2	27.2
71	37.3	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

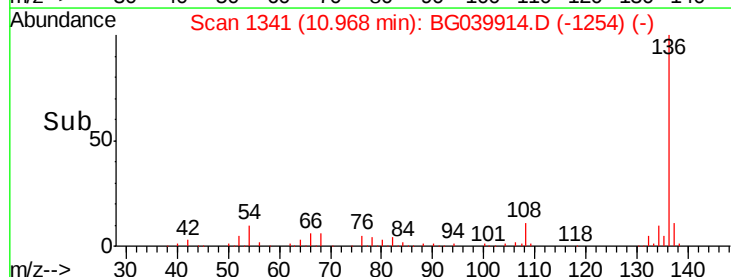
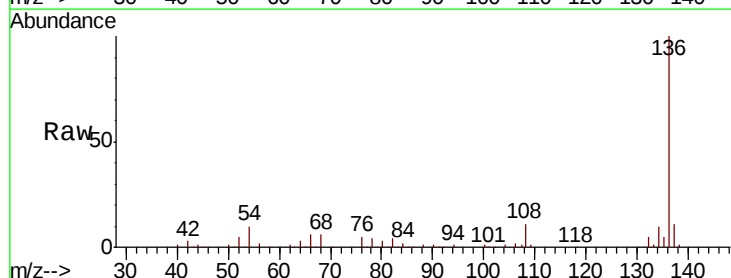
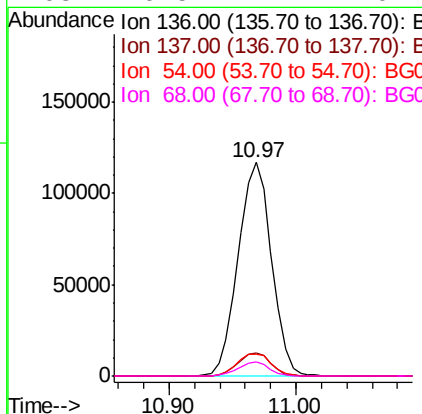
RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG039914.D

Acq: 13 Mar 2019 22:42

Tgt Ion:	136	Resp:	213342
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	10.2	9.4	14.2
68	6.5	4.2	6.4#





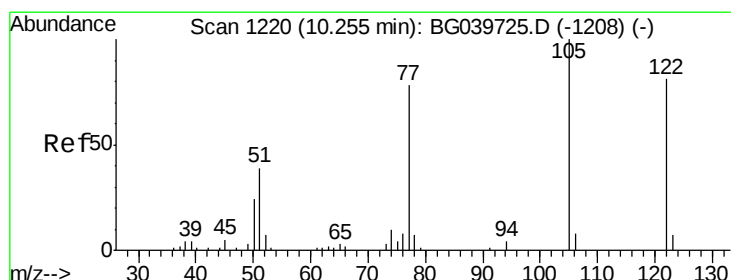
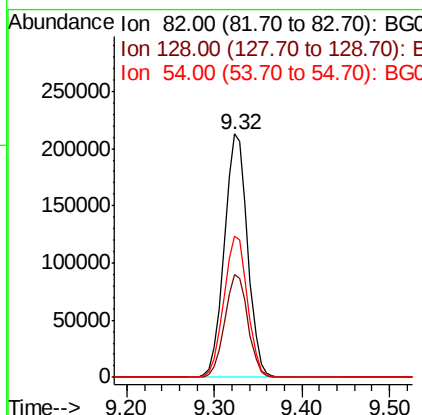
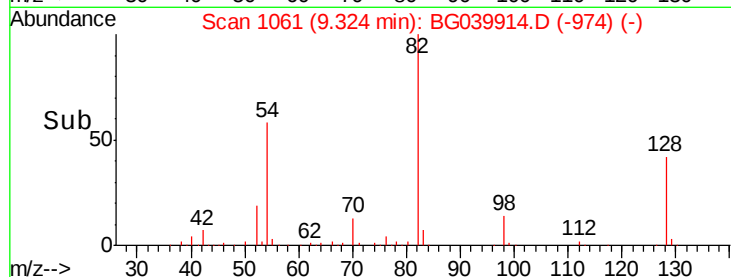
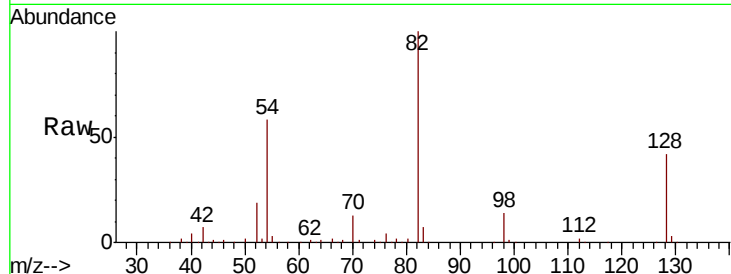
#23
Nitrobenzene-d5
Concen: 98.270 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039914.D
Acq: 13 Mar 2019 22:42

Instrument :
BNA_G
ClientSampled :
SP-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	31.3	46.9
54	58.0	50.9	76.3

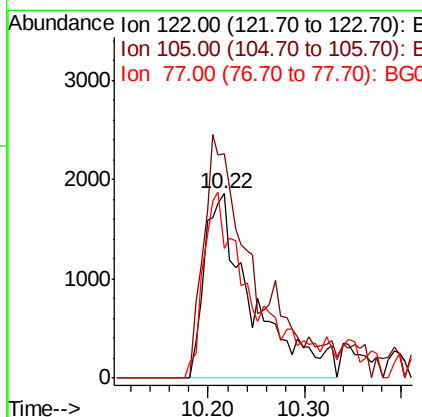
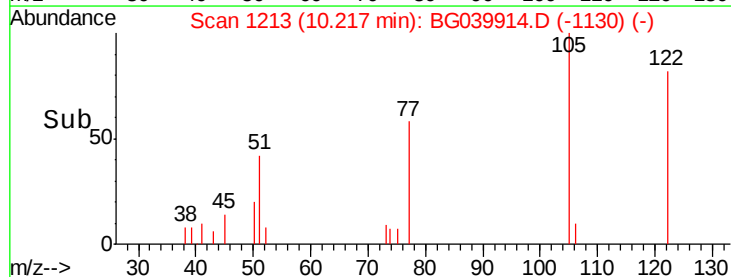
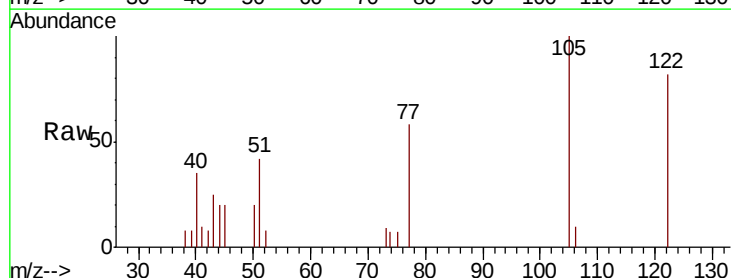
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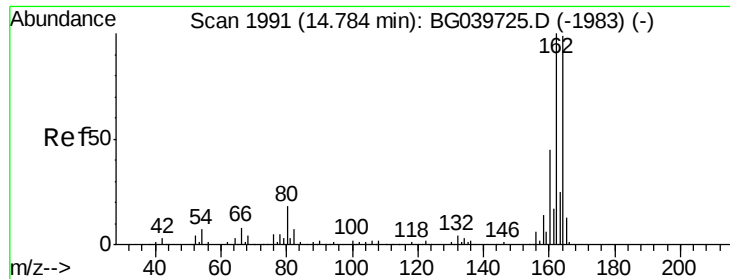
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#32
Benzoic acid
Concen: 9.211 ng m
RT: 10.22 min Scan# 1213
Delta R.T. -0.04 min
Lab File: BG039914.D
Acq: 13 Mar 2019 22:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.7	101.8	141.8
77	70.1	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: BG039914.D

Acq: 13 Mar 2019 22:42

Instrument :

BNA_G

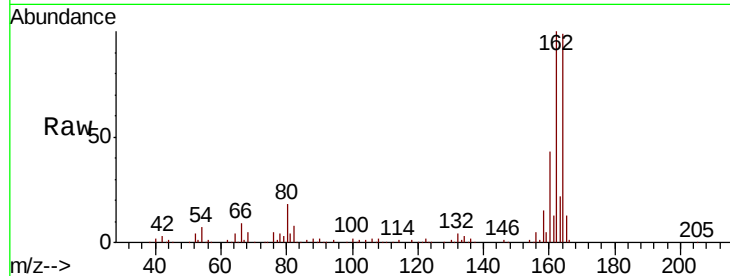
ClientSampleId :

SP-2

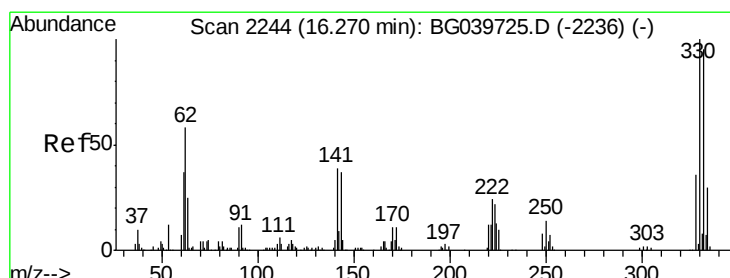
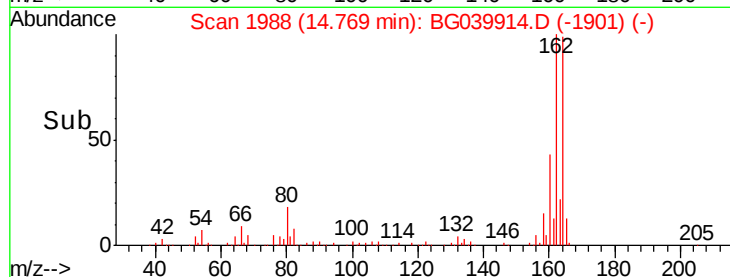
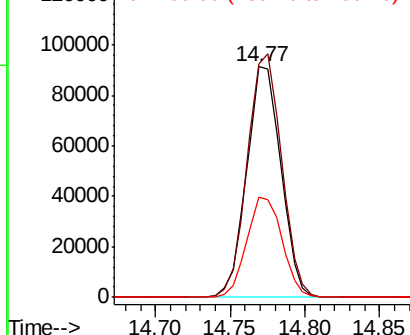
Tot Ion:	164	Resp:	144666
Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.6	122.4
160	43.7	34.2	51.2

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 144.896 ng

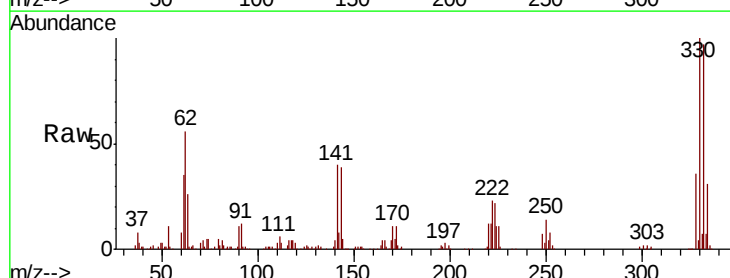
RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

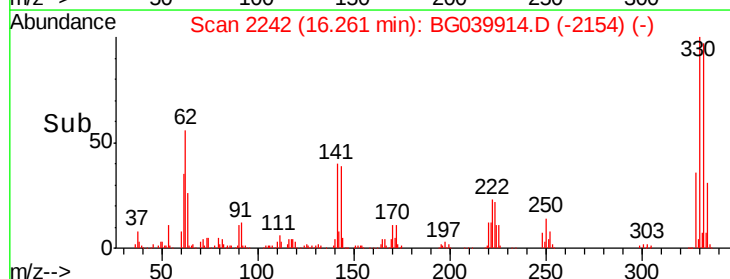
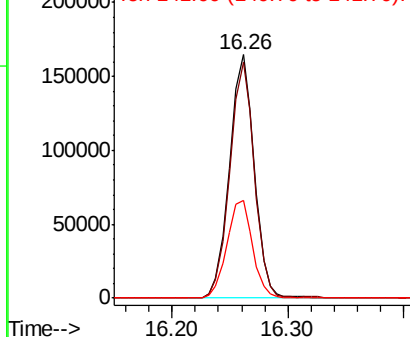
Lab File: BG039914.D

Acq: 13 Mar 2019 22:42

Tgt Ion:	330	Resp:	244322
Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.7	113.5
141	41.6	35.6	53.4



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





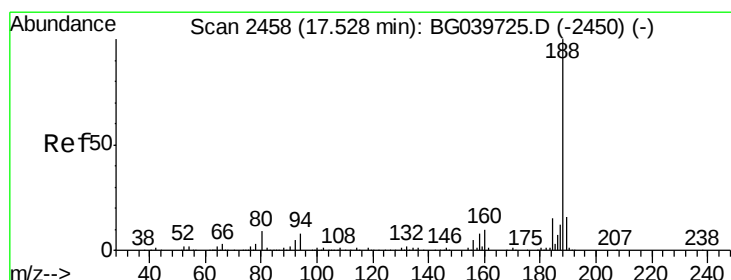
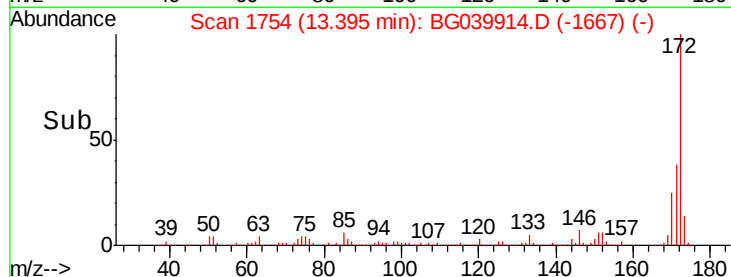
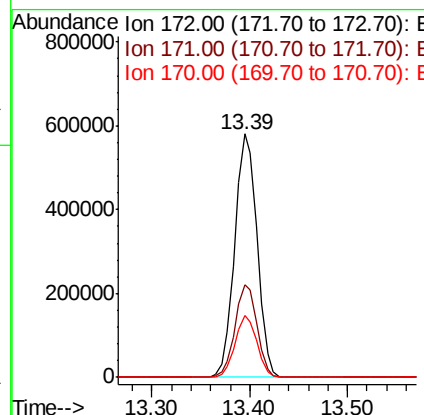
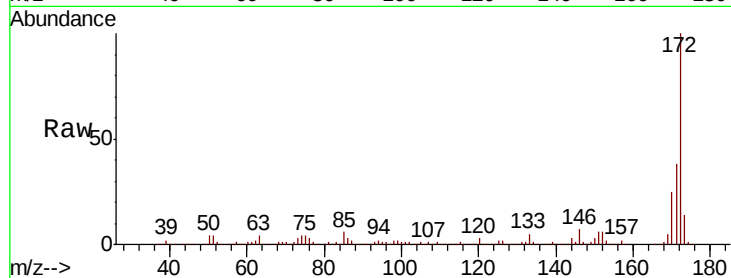
#45
2-Fluorobiphenyl
Concen: 90.194 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG039914.D
Acq: 13 Mar 2019 22:42

Instrument :
BNA_G
ClientSampled :
SP-2

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	25.5	20.2	30.4

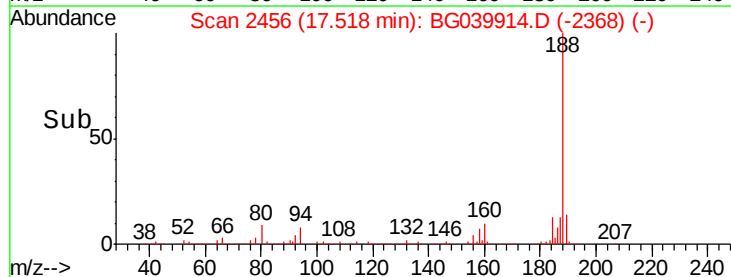
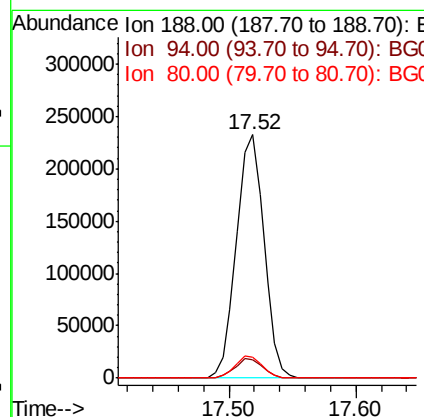
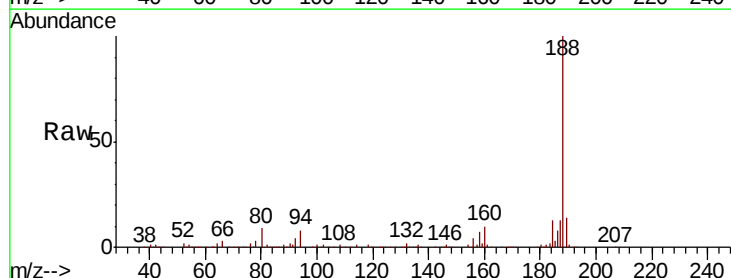
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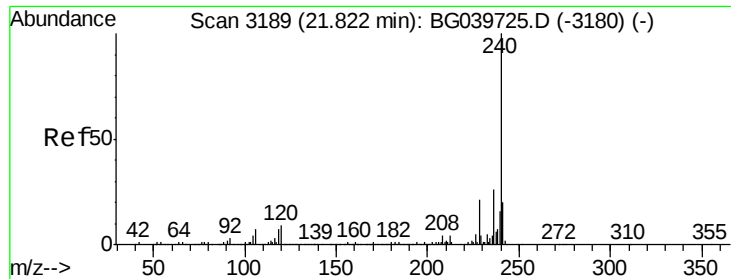
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039914.D
Acq: 13 Mar 2019 22:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	8.7	8.1	12.1





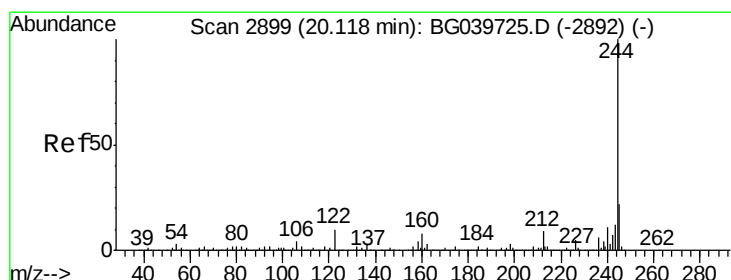
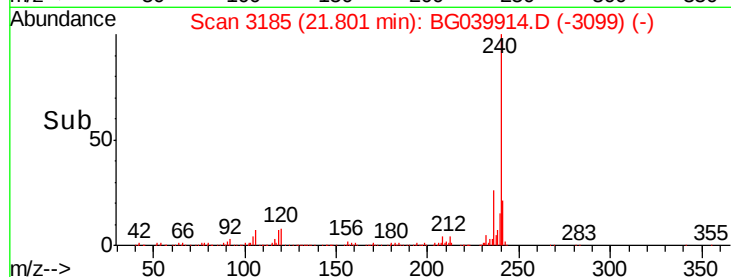
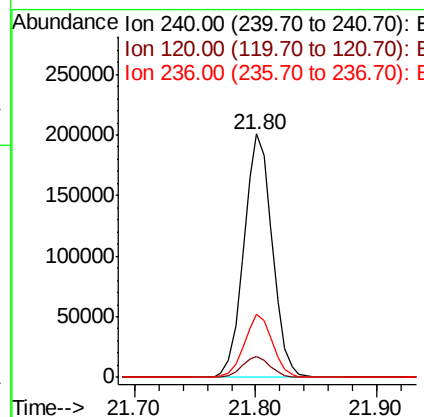
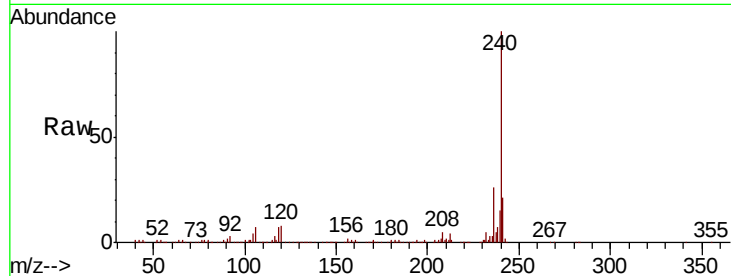
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.03 min
 Lab File: BG039914.D
 Acq: 13 Mar 2019 22:42

Instrument :
 BNA_G
 ClientSampled :
 SP-2

Tot Ion	Ion	Ratio	Lower	Upper
240	100			
120	8.4	7.0	10.6	
236	25.7	21.0	31.4	

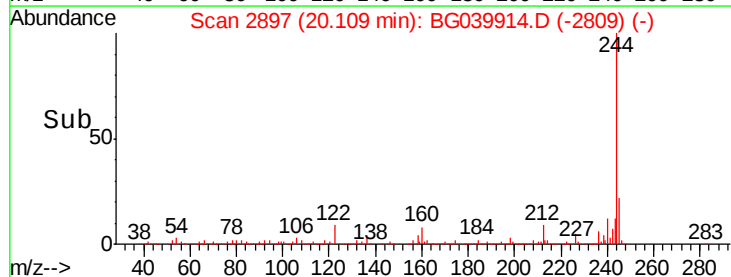
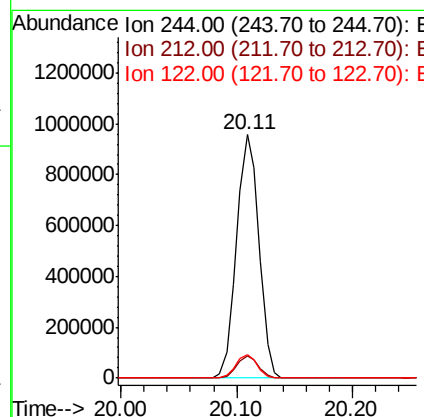
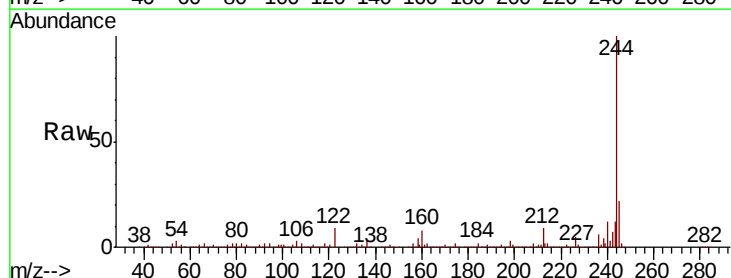
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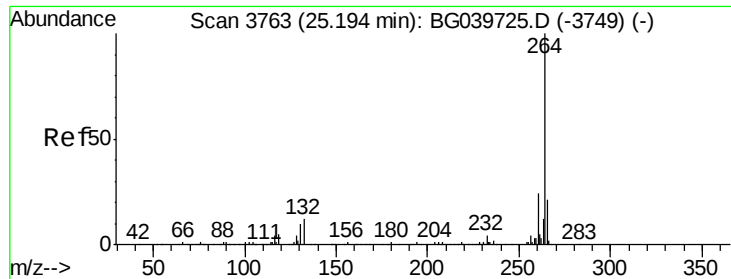
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#79
 Terphenyl-d14
 Concen: 86.185 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. -0.02 min
 Lab File: BG039914.D
 Acq: 13 Mar 2019 22:42

Tgt Ion	Ion	Ratio	Lower	Upper
244	100			
212	9.2	7.3	10.9	
122	9.4	8.4	12.6	





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.16 min Scan# 3757
 Delta R.T. -0.04 min
 Lab File: BG039914.D
 Acq: 13 Mar 2019 22:42

Instrument :
 BNA_G
 ClientSampleId :
 SP-2

Tot Ion:	264	Resp:	322760
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.2	27.4
265	21.8	18.5	27.7

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