

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
 Data File : BG039915.D
 Acq On : 13 Mar 2019 23:22
 Operator : JU/SJ
 Sample : K1870-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1

Manual Integrations
 APPROVED

Sohil
 3/14/2019 11:12:20 AM

Quant Time: Mar 14 04:44:42 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	47845	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	185755	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	121320	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	284025	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	309272	20.00	ng	-0.03
87) Perylene-d12	25.16	264	307903	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	343522	122.49	ng	-0.01
7) Phenol-d6	7.29	99	429425	102.69	ng	-0.02
23) Nitrobenzene-d5	9.33	82	347981	101.32	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	204582	144.68	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	824332	96.74	ng	-0.02
79) Terphenyl-d14	20.11	244	1260105	89.71	ng	-0.01
Target Compounds						
32) Benzoic acid	10.21	122	2810m	7.903	ng	Qvalue

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

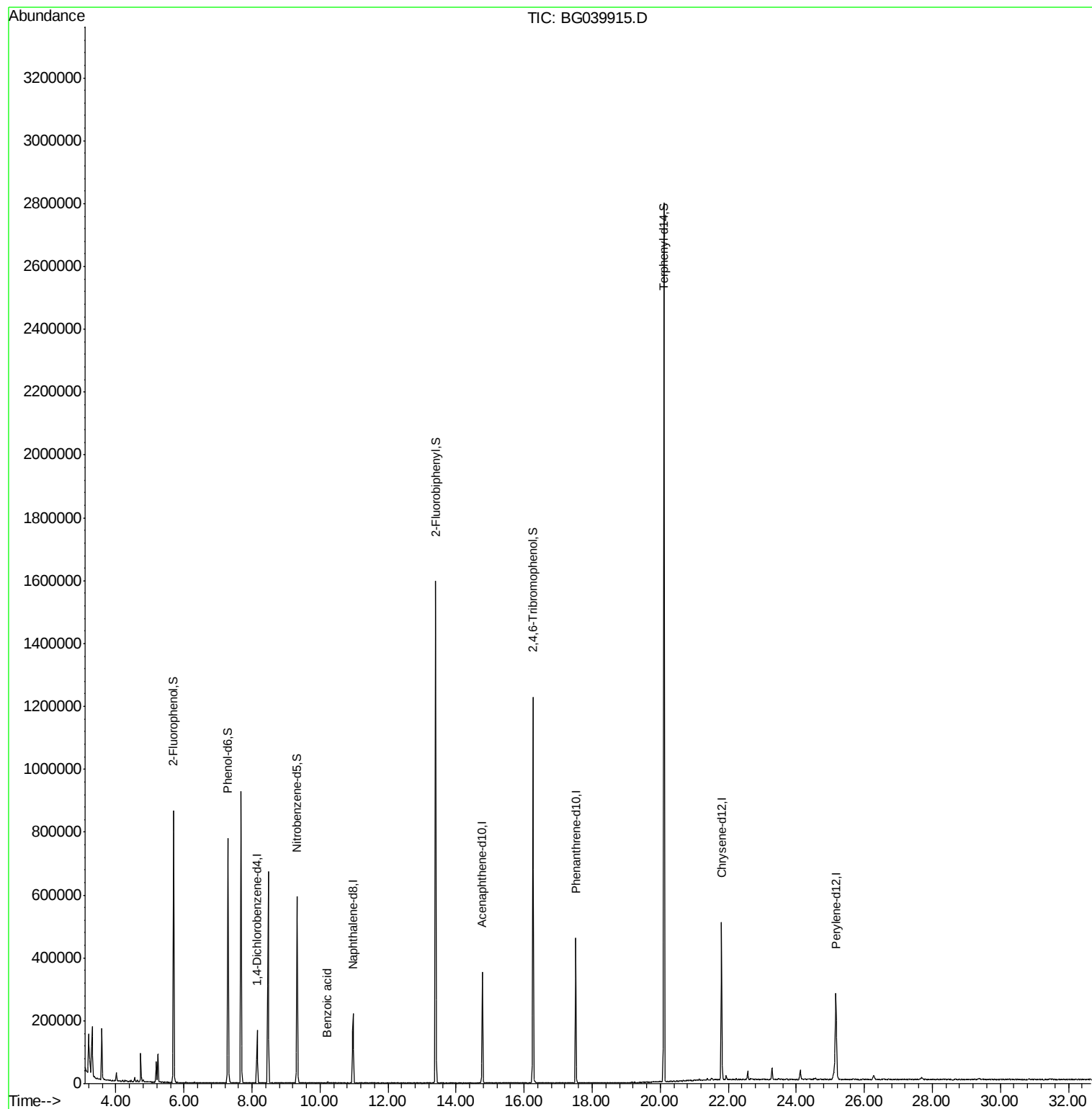
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
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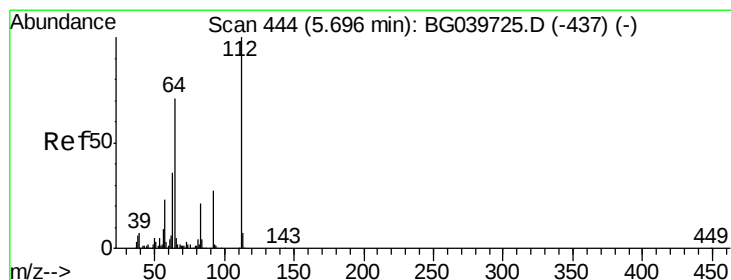
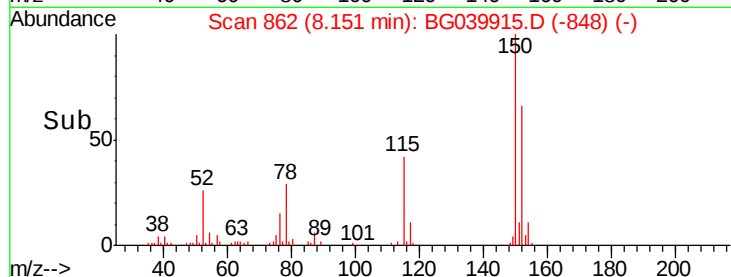
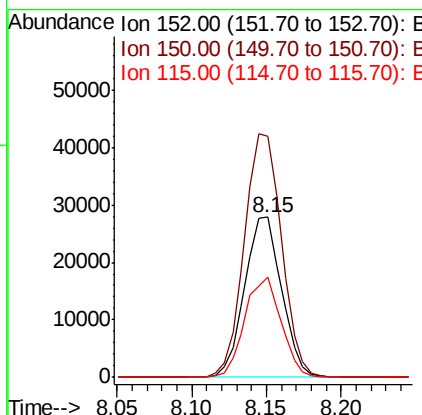
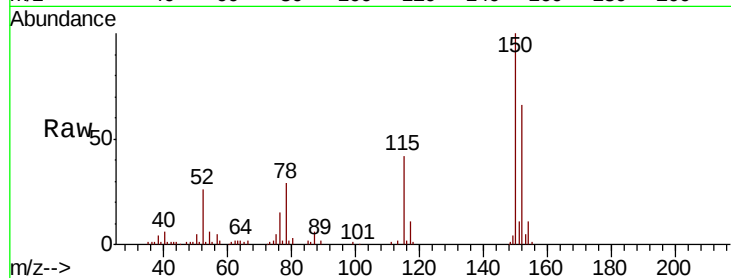
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.02 min
 Lab File: BG039915.D
 Acq: 13 Mar 2019 23:22

Instrument :
 BNA_G
 ClientSampled :
 SP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	123.7	185.5
115	62.6	45.9	68.9

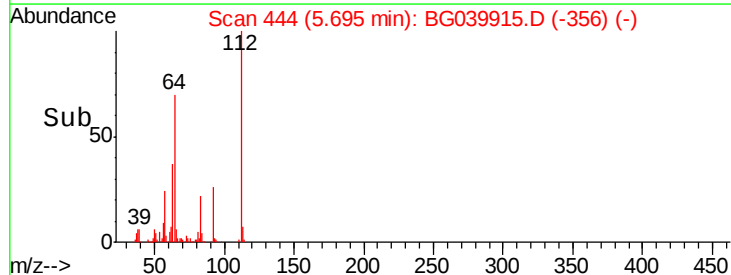
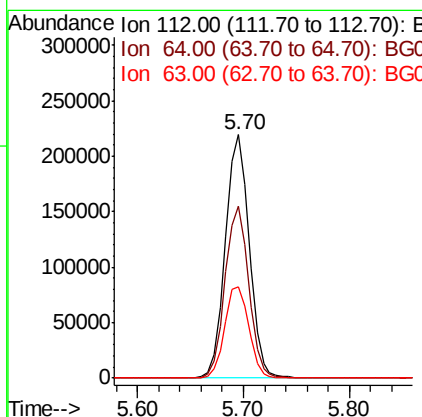
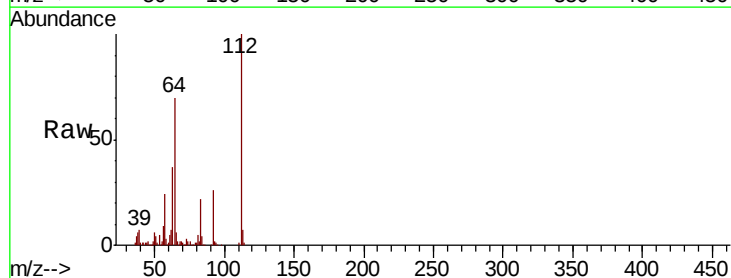
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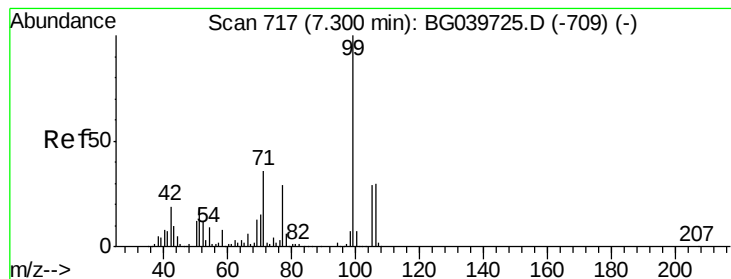
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#5
 2-Fluorophenol
 Concen: 122.490 ng
 RT: 5.70 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BG039915.D
 Acq: 13 Mar 2019 23:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	57.8	86.8
63	37.4	29.8	44.6





#7

Phenol-d6

Concen: 102.692 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039915.D

Acq: 13 Mar 2019 23:22

Instrument :

BNA_G

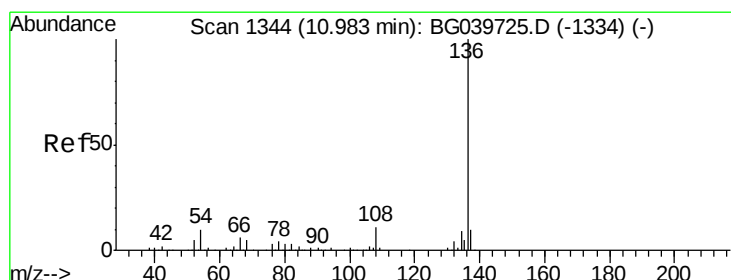
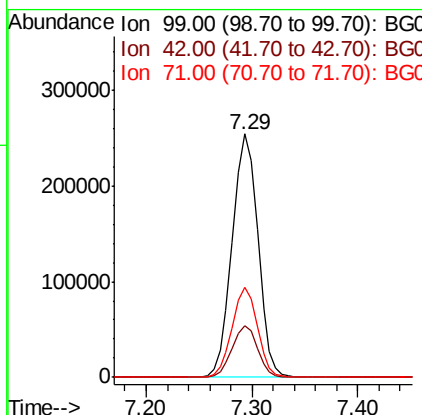
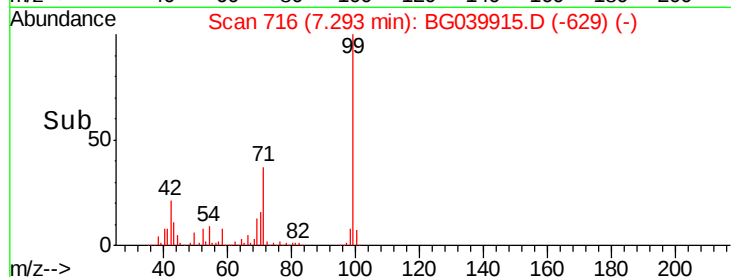
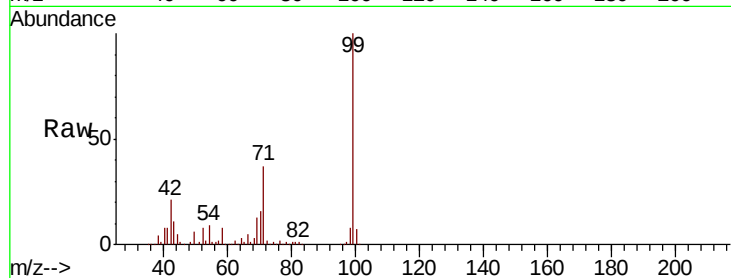
ClientSampled :

SP-1

Tot Ion:	99	Resp:	429425
Ion Ratio	Lower	Upper	
99	100		
42	21.4	18.2	27.2
71	37.1	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

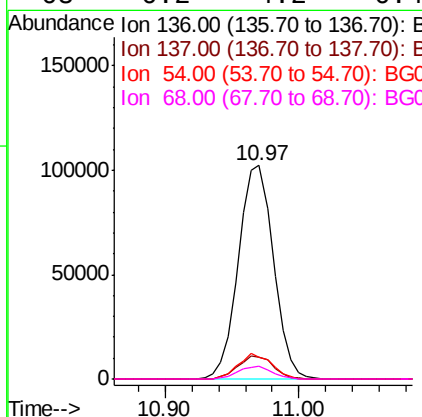
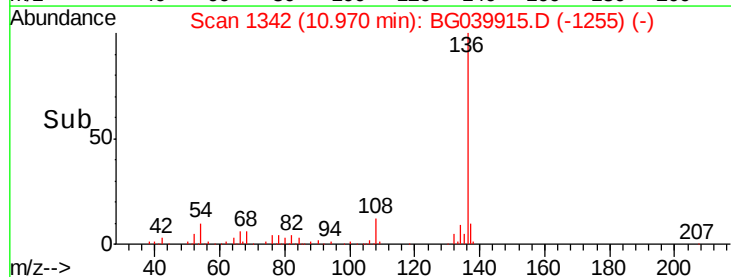
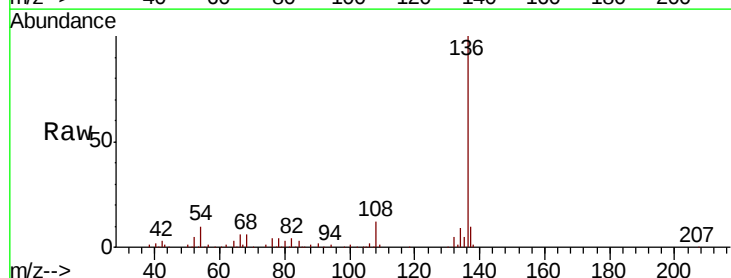
RT: 10.97 min Scan# 1342

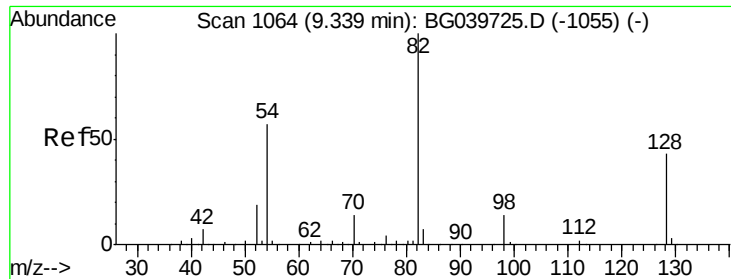
Delta R.T. -0.02 min

Lab File: BG039915.D

Acq: 13 Mar 2019 23:22

Tgt Ion:	136	Resp:	185755
Ion Ratio	Lower	Upper	
136	100		
137	10.3	9.1	13.7
54	10.3	9.4	14.2
68	6.2	4.2	6.4





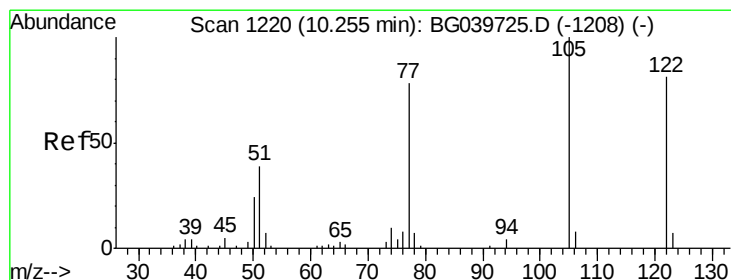
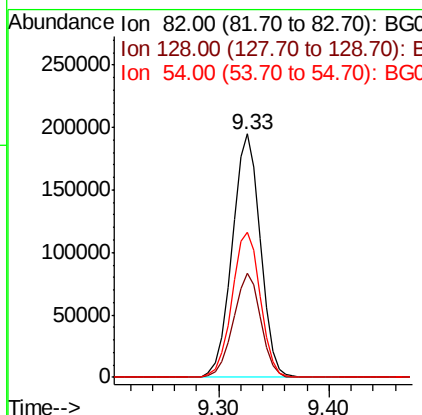
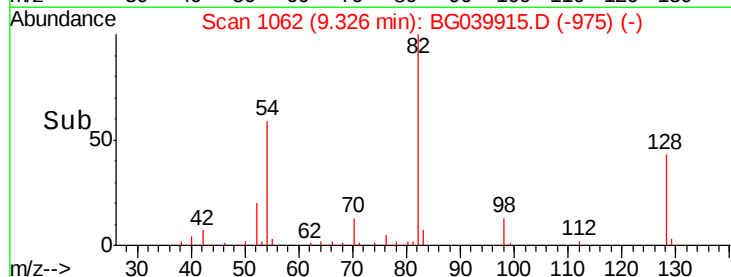
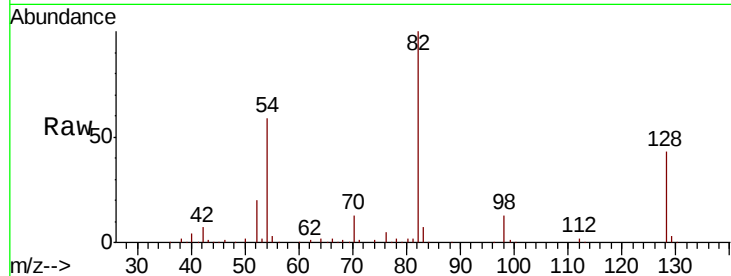
#23
Nitrobenzene-d5
Concen: 101.317 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039915.D
Acq: 13 Mar 2019 23:22

Instrument :
BNA_G
ClientSampled :
SP-1

Tot Ion	82	Resp	347981
Ion Ratio	100	Lower	Upper
128	42.8	31.3	46.9
54	59.4	50.9	76.3

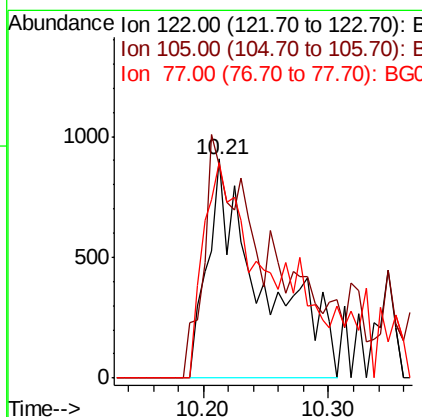
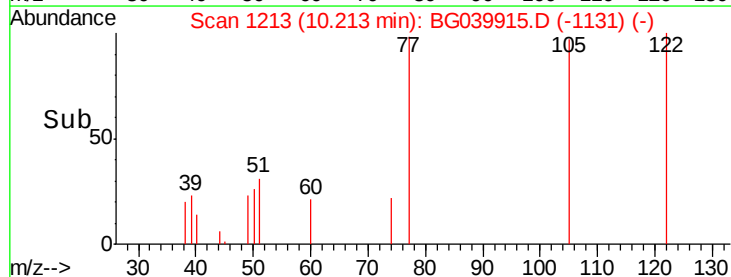
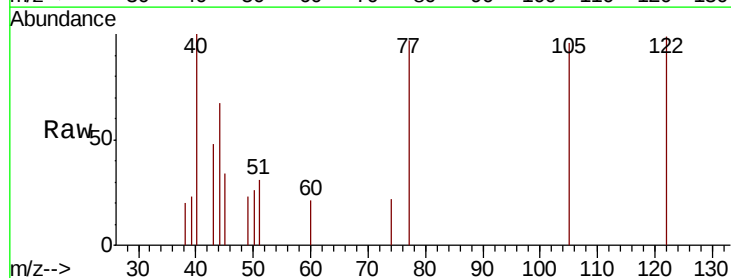
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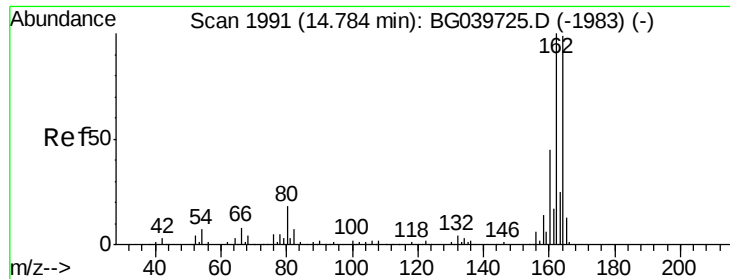
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#32
Benzoic acid
Concen: 7.903 ng m
RT: 10.21 min Scan# 1213
Delta R.T. -0.05 min
Lab File: BG039915.D
Acq: 13 Mar 2019 23:22

Tgt Ion	122	Resp	2810
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
105	97.4	101.8	141.8#
77	98.2	76.3	116.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039915.D

Acq: 13 Mar 2019 23:22

Instrument :

BNA_G

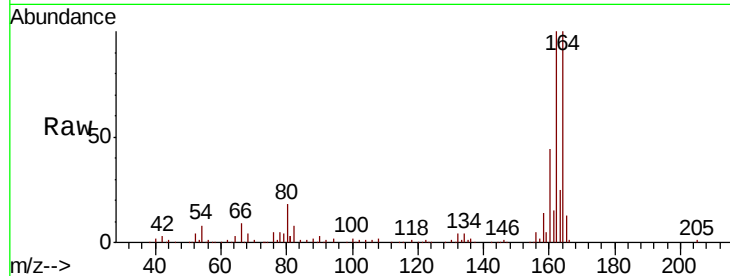
ClientSampled :

SP-1

Tot Ion:	164	Resp:	121320
Ion Ratio	Lower	Upper	
164	100		
162	99.8	81.6	122.4
160	44.2	34.2	51.2

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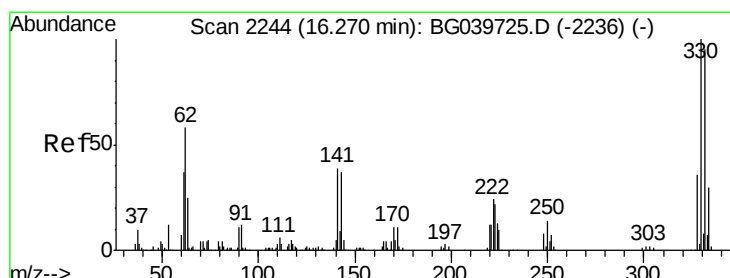
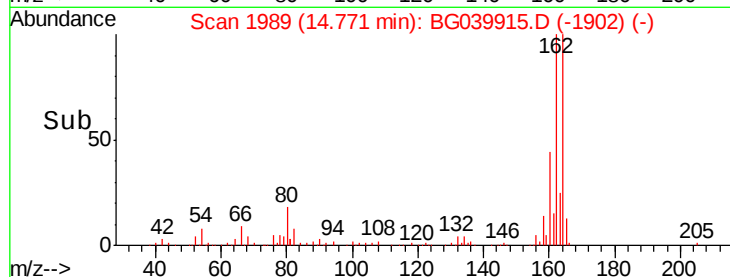
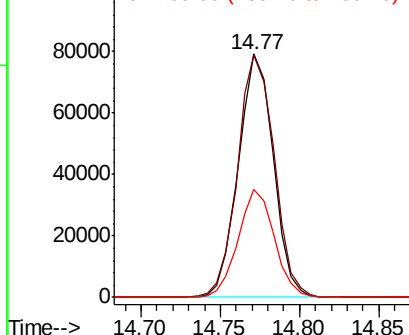


Abundance

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: 144.676 ng

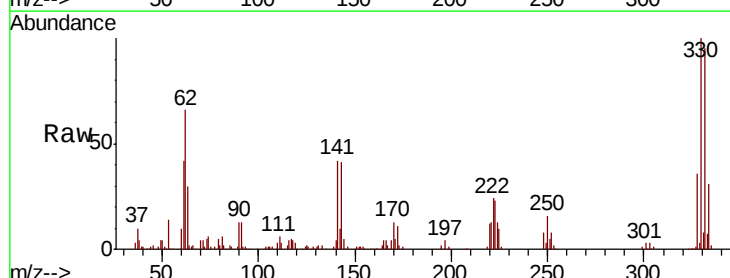
RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039915.D

Acq: 13 Mar 2019 23:22

Tgt Ion:	330	Resp:	204582
Ion Ratio	Lower	Upper	
330	100		
332	96.0	75.7	113.5
141	42.1	35.6	53.4

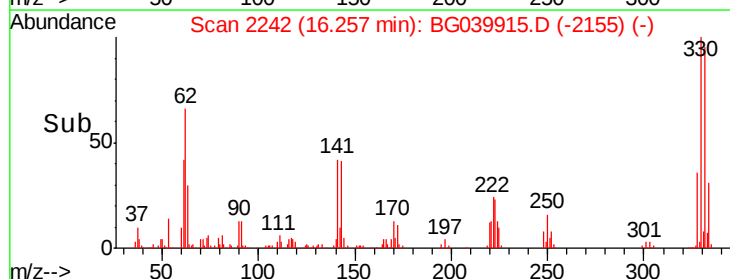
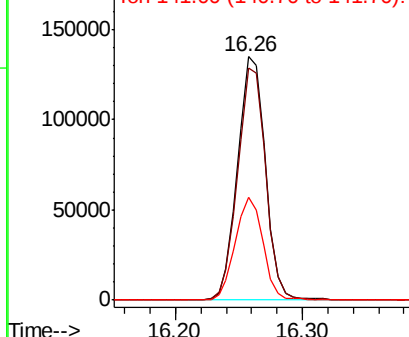


Abundance

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





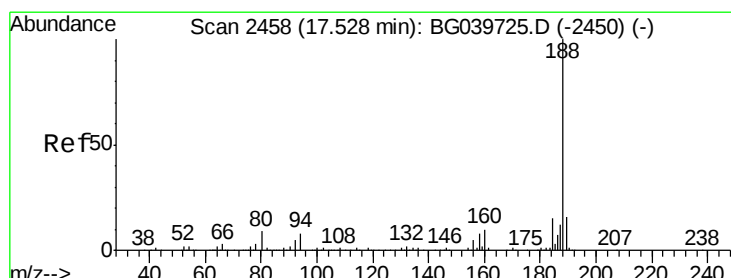
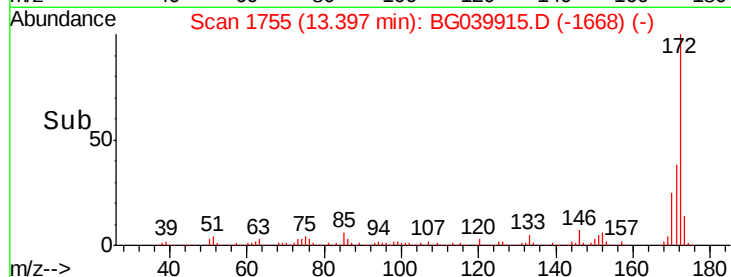
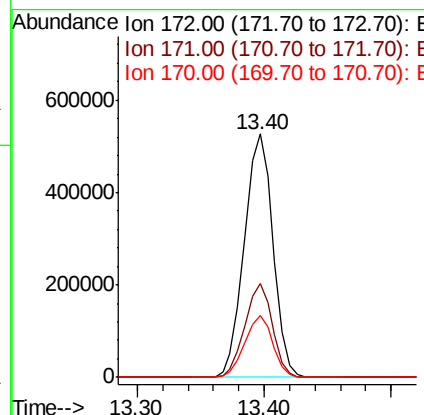
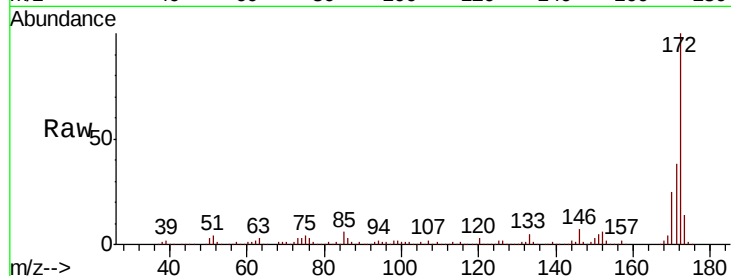
#45
2-Fluorobiphenyl
Concen: 96.745 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039915.D
Acq: 13 Mar 2019 23:22

Instrument :
BNA_G
ClientSampleId :
SP-1

Tot Ion	Ratio	Resp	Lower	Upper
172	100	824332		
171	38.5		30.8	46.2
170	25.5		20.2	30.4

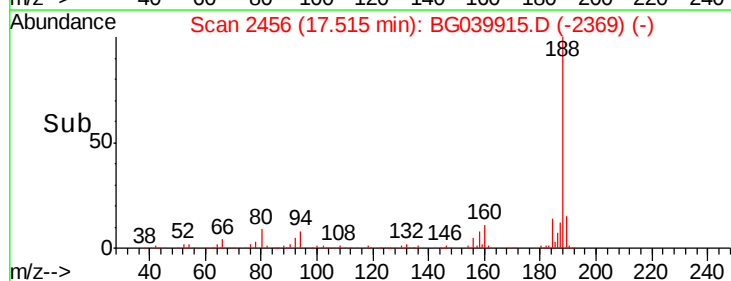
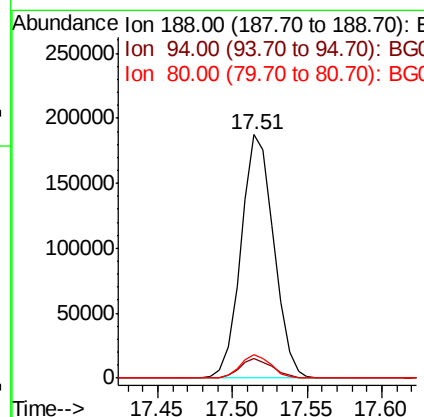
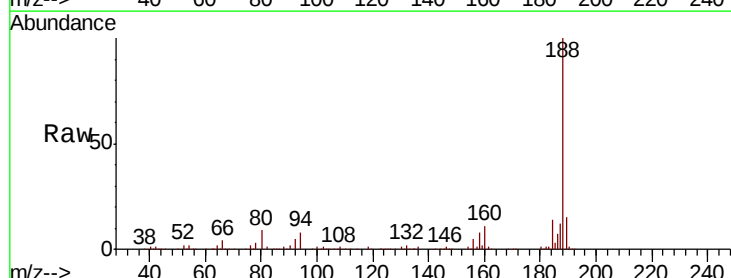
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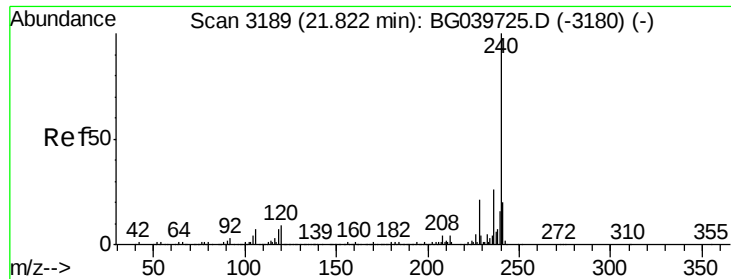
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039915.D
Acq: 13 Mar 2019 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	284025		
94	8.2		6.9	10.3
80	9.4		8.1	12.1





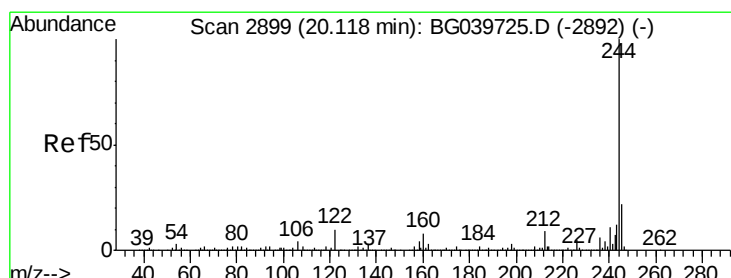
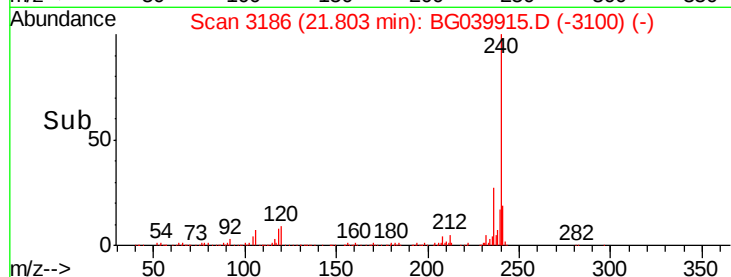
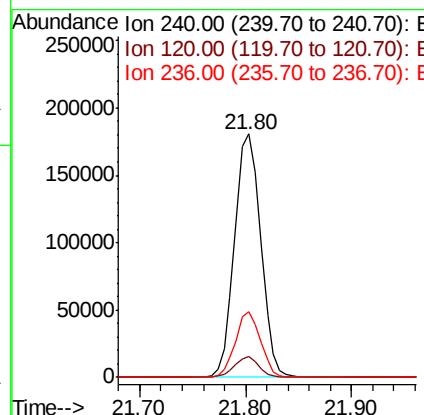
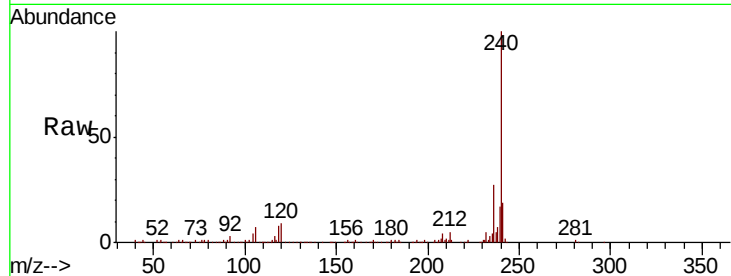
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG039915.D
Acq: 13 Mar 2019 23:22

Instrument :
BNA_G
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.0	10.6
236	26.8	21.0	31.4

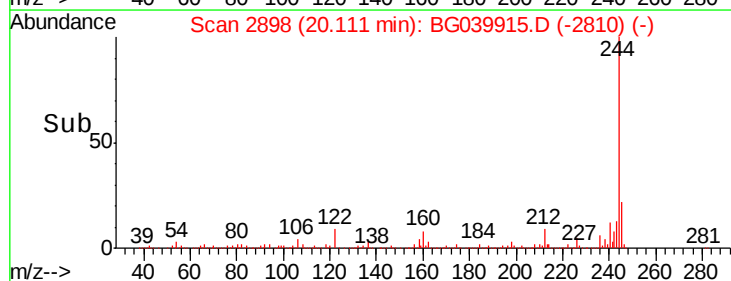
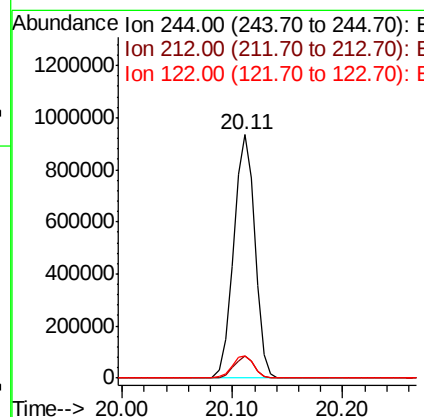
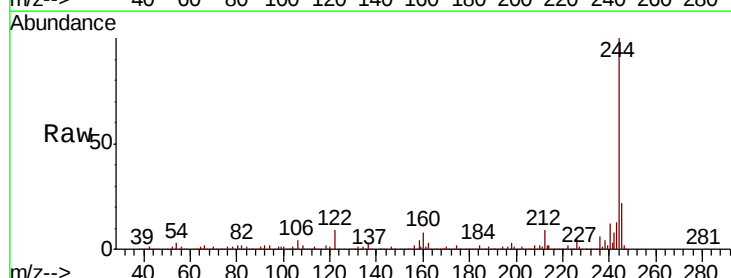
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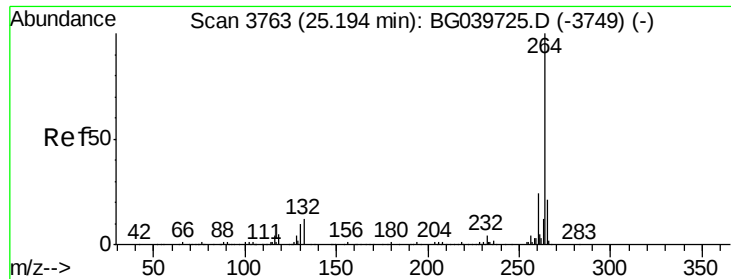
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#79
Terphenyl-d14
Concen: 89.711 ng
RT: 20.11 min Scan# 2898
Delta R.T. -0.01 min
Lab File: BG039915.D
Acq: 13 Mar 2019 23:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	9.2	8.4	12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG039915.D
Acq: 13 Mar 2019 23:22

Instrument :
BNA_G
ClientSampleId :
SP-1

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	21.9	18.2	27.4
265	21.1	18.5	27.7

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