

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040139.D
 Acq On : 26 Mar 2019 6:52
 Operator : JU/SJ
 Sample : K2071-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-2

Manual Integrations
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Sohil
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Quant Time: Mar 26 09:03:01 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	34415	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	150631	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	108329	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	276045	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	282192	20.00	ng	-0.03
87) Perylene-d12	25.15	264	275900	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	259846	128.81	ng	-0.02
7) Phenol-d6	7.28	99	336493	111.87	ng	-0.03
23) Nitrobenzene-d5	9.32	82	254452	91.36	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	162683	128.84	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	637595	83.80	ng	-0.03
79) Terphenyl-d14	20.10	244	1144630	89.31	ng	-0.02
Target Compounds						
31) Naphthalene	11.01	128	18493	2.319	ng	Qvalue # 94
37) 2-Methylnaphthalene	12.60	142	17143	2.875	ng	95
38) 1-Methylnaphthalene	12.82	142	12318m	2.126	ng	

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

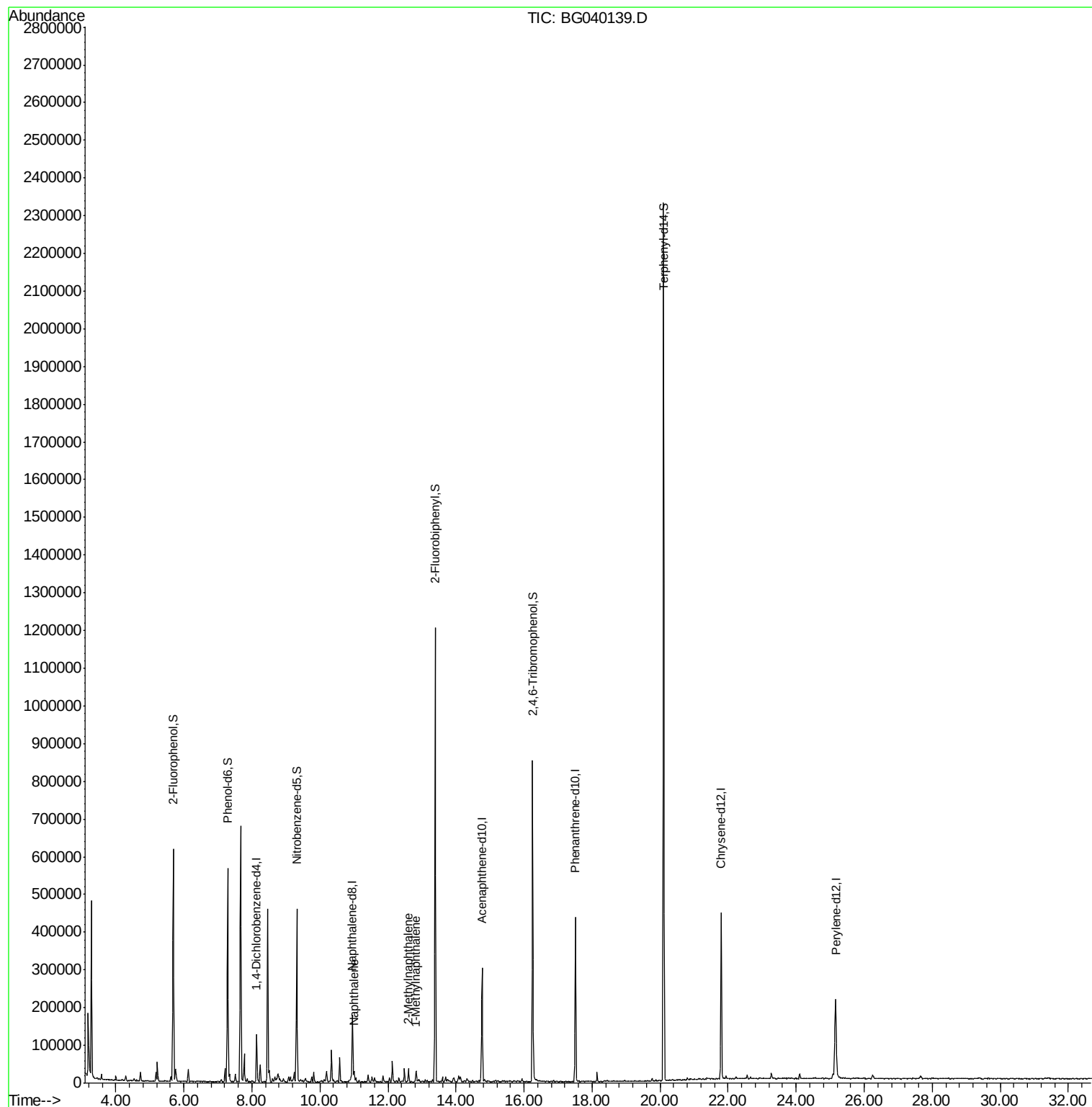
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040139.D
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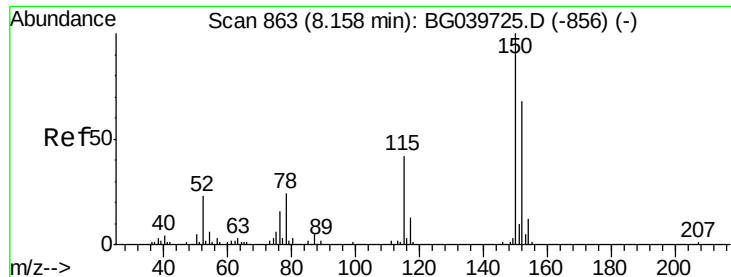
Instrument :
BNA_G
ClientSampleId :
DRUM-2

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#1

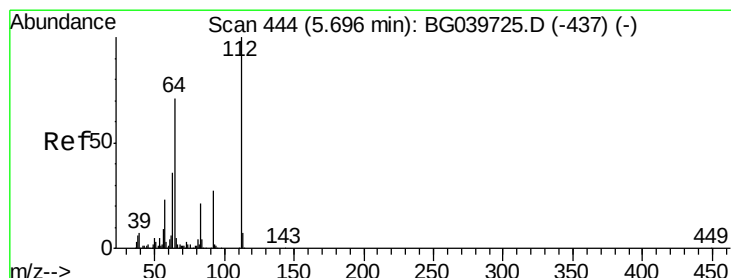
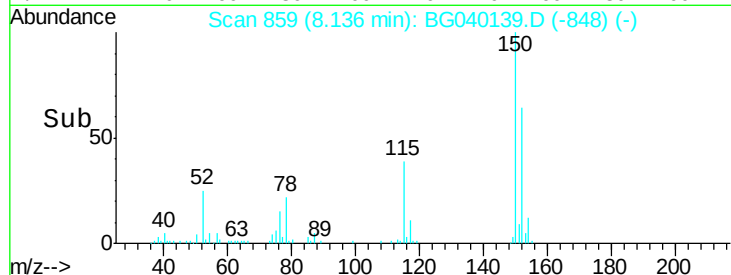
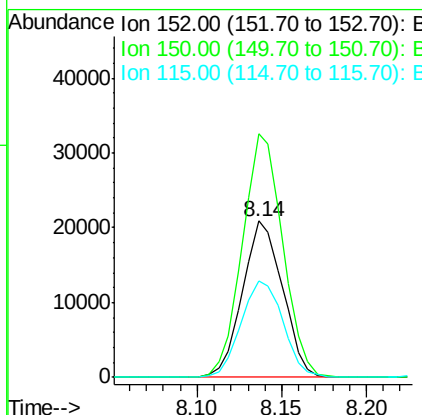
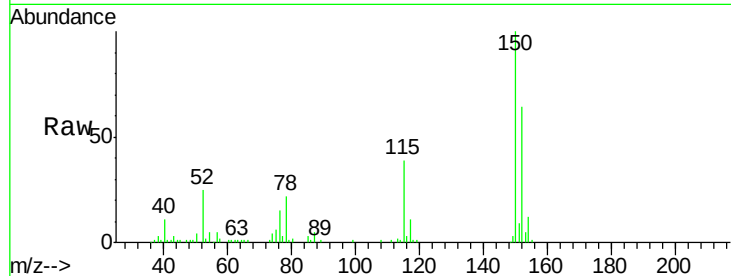
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: BG040139.D
Acq: 26 Mar 2019 6:52

Instrument :
BNA_G
ClientSampled :
DRUM-2

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	34415		
150	155.7	123.7	185.5	
115	61.3	45.9	68.9	

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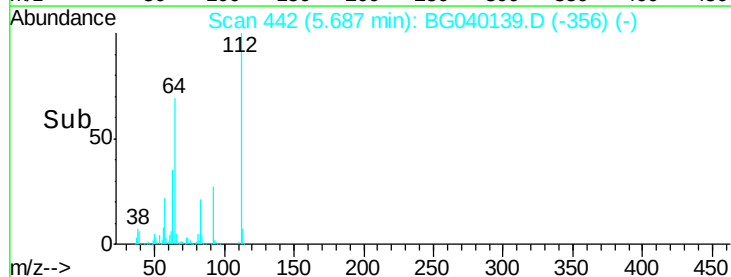
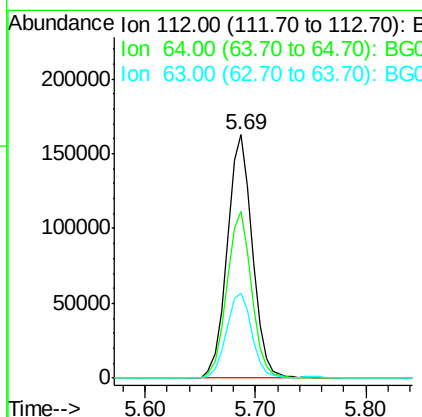
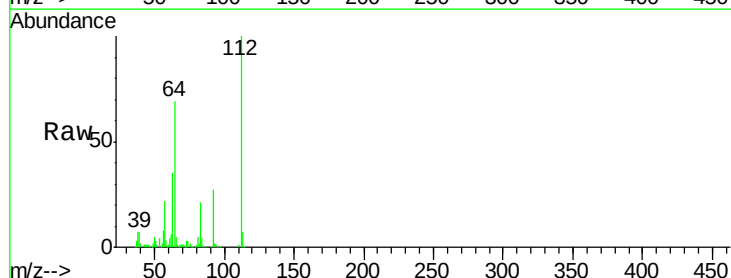
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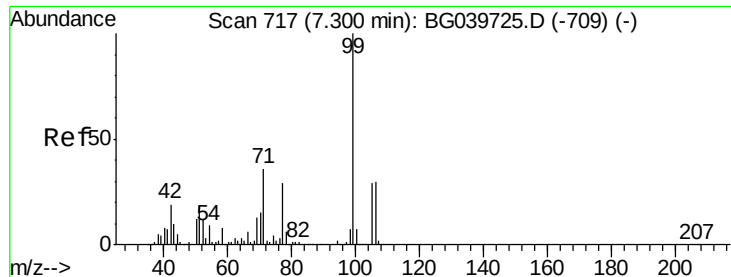


#5

2-Fluorophenol
Concen: 128.810 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040139.D
Acq: 26 Mar 2019 6:52

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	259846		
64	68.6	57.8	86.8	
63	35.1	29.8	44.6	





#7

Phenol-d6

Concen: 111.870 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040139.D

Acq: 26 Mar 2019 6:52

Instrument :

BNA_G

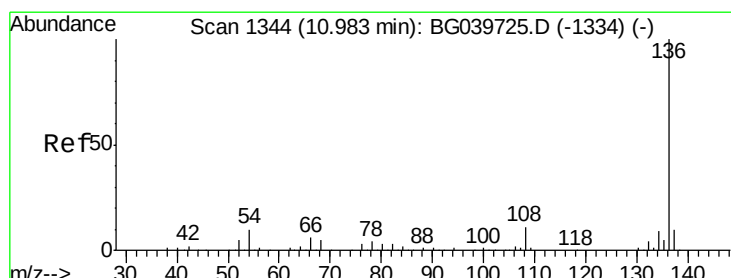
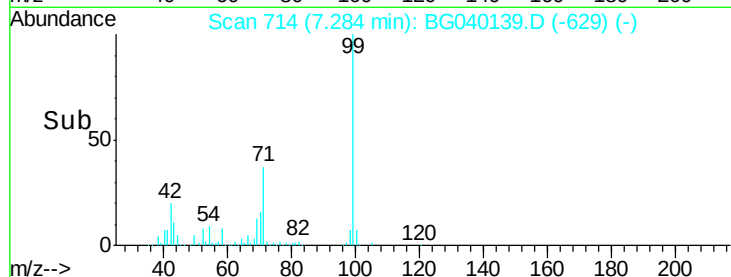
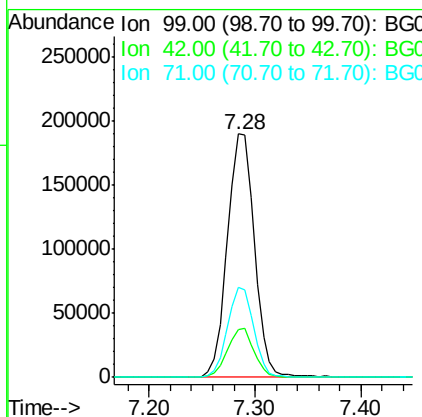
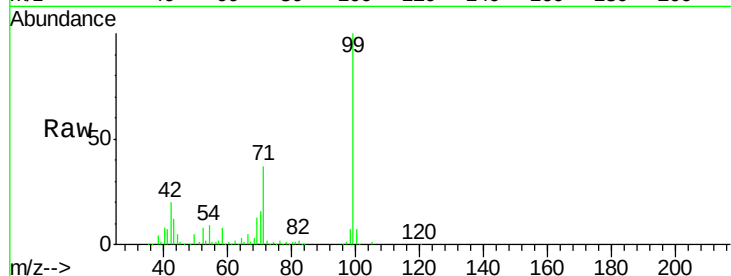
ClientSampled :

DRUM-2

Tgt Ion:	99	Resp:	336493
Ion Ratio	Lower	Upper	
99	100		
42	19.6	18.2	27.2
71	37.0	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

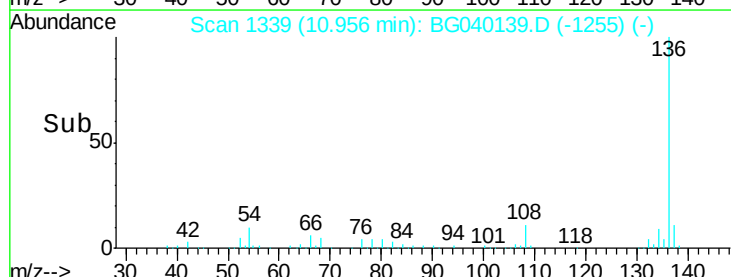
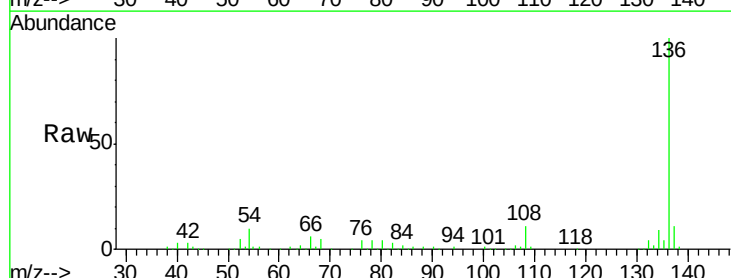
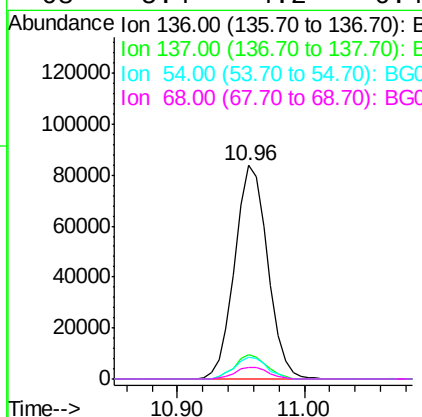
RT: 10.96 min Scan# 1339

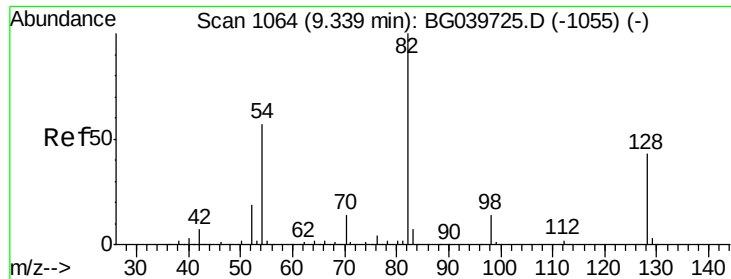
Delta R.T. -0.03 min

Lab File: BG040139.D

Acq: 26 Mar 2019 6:52

Tgt Ion:	136	Resp:	150631
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	10.3	9.4	14.2
68	5.4	4.2	6.4





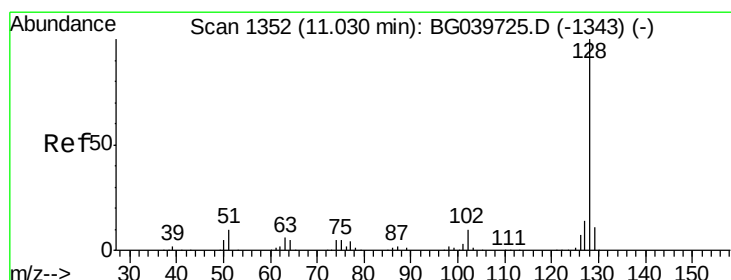
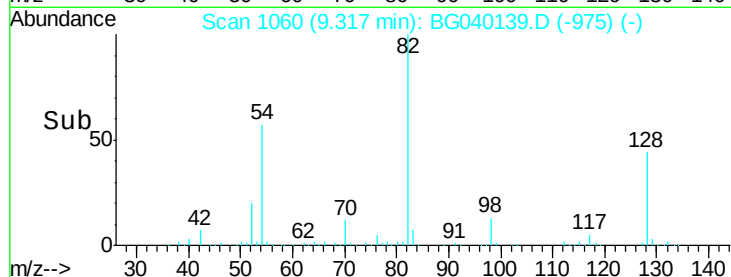
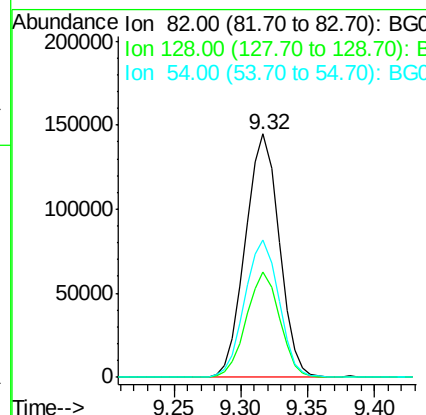
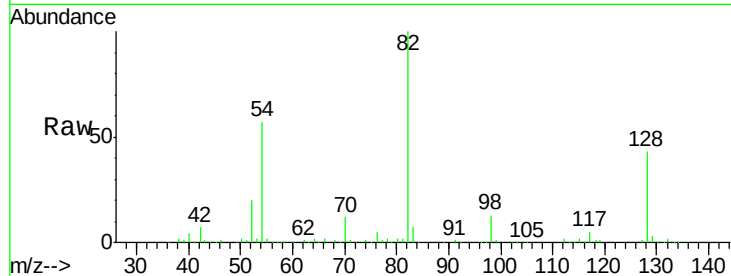
#23
 Nitrobenzene-d5
 Concen: 91.361 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040139.D
 Acq: 26 Mar 2019 6:52

Instrument :
 BNA_G
 ClientSampled :
 DRUM-2

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	254452		
128	43.5	31.3	46.9	
54	56.6	50.9	76.3	

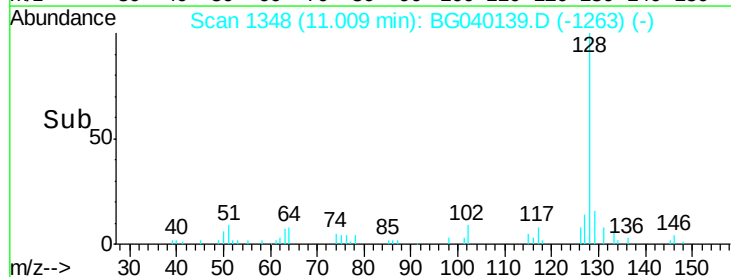
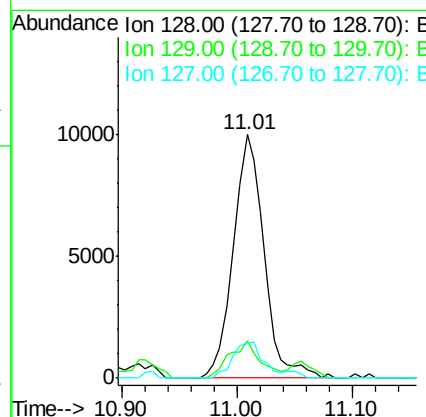
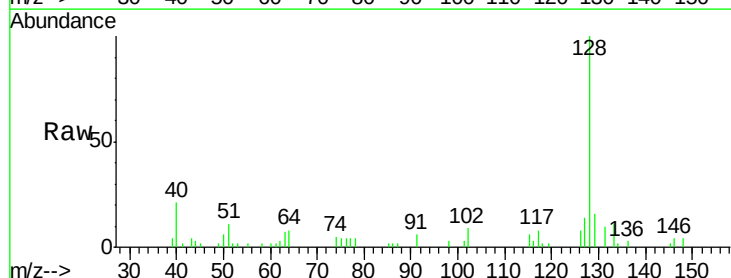
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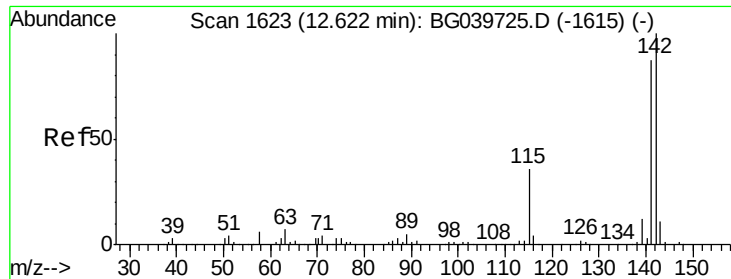
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#31
 Naphthalene
 Concen: 2.319 ng
 RT: 11.01 min Scan# 1348
 Delta R.T. -0.03 min
 Lab File: BG040139.D
 Acq: 26 Mar 2019 6:52

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	18493		
129	15.6	8.7	13.1#	
127	14.2	10.8	16.2	





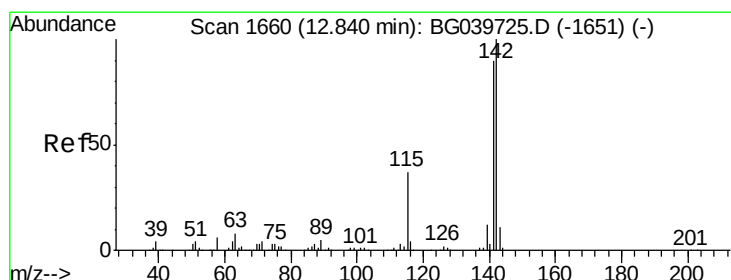
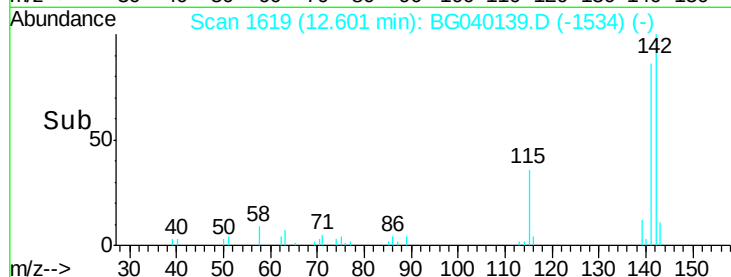
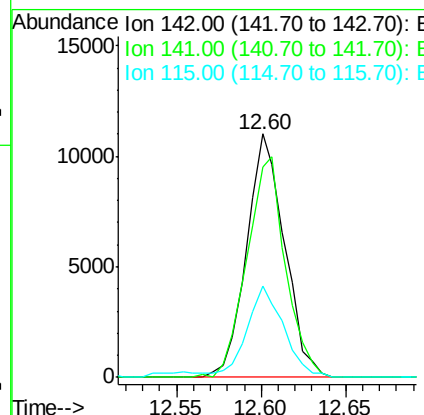
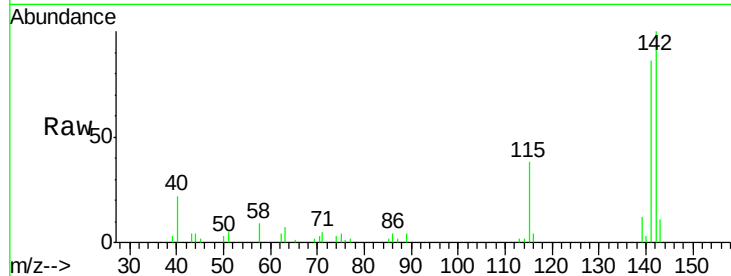
#37
 2-Methylnaphthalene
 Concen: 2.875 ng
 RT: 12.60 min Scan# 1619
 Delta R.T. -0.03 min
 Lab File: BG040139.D
 Acq: 26 Mar 2019 6:52

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-2

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.3	73.5	110.3
115	37.6	30.8	46.2

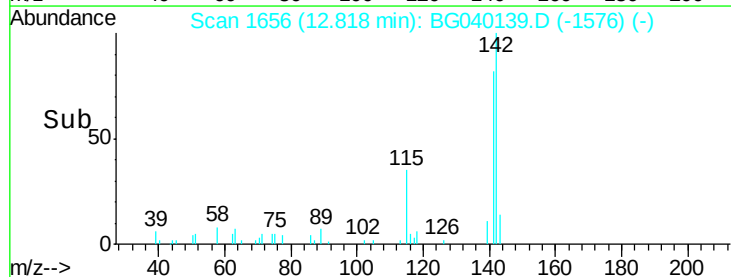
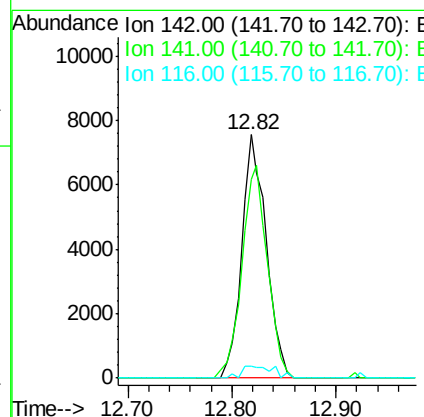
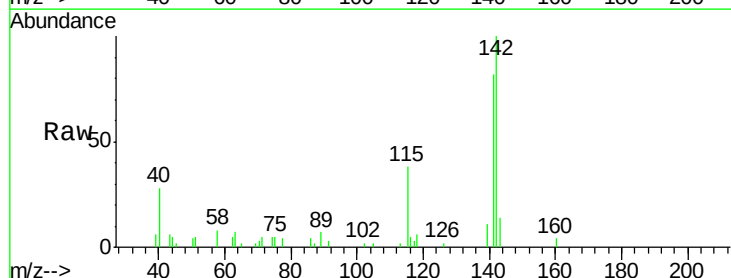
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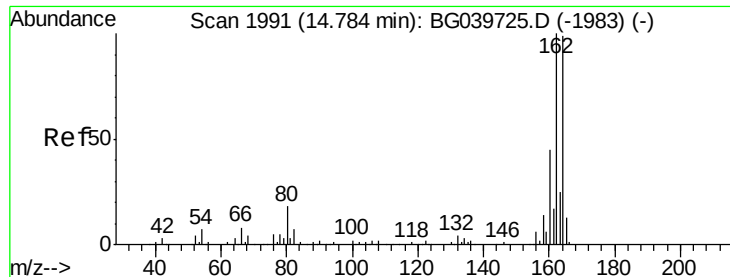
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#38
 1-Methylnaphthalene
 Concen: 2.126 ng m
 RT: 12.82 min Scan# 1656
 Delta R.T. -0.03 min
 Lab File: BG040139.D
 Acq: 26 Mar 2019 6:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	81.9	74.2	111.4
116	4.7	3.0	4.6#





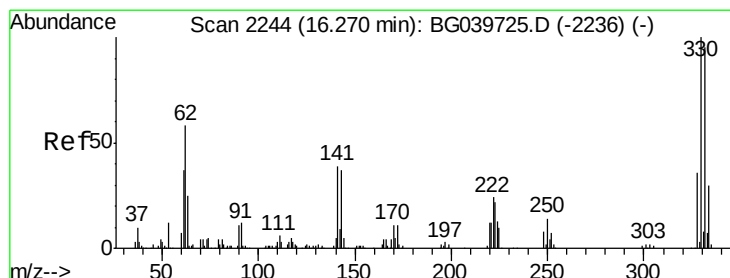
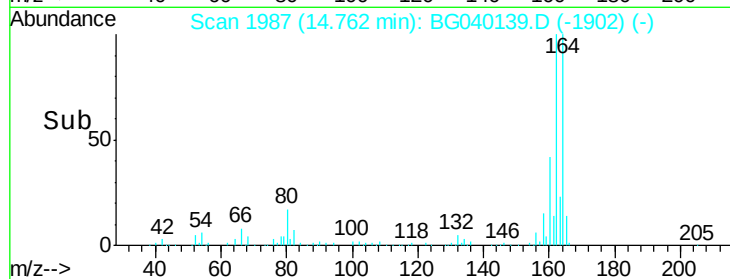
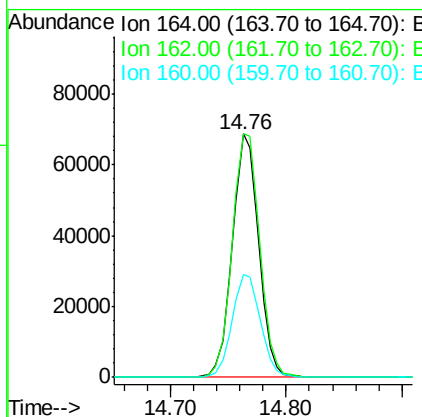
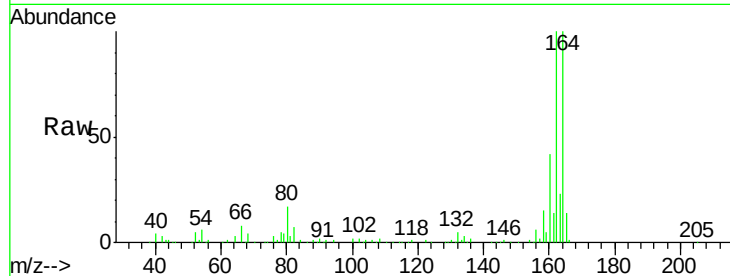
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040139.D
Acq: 26 Mar 2019 6:52

Instrument :
BNA_G
ClientSampleId :
DRUM-2

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	108329		
162	100.0	81.6	122.4	
160	42.2	34.2	51.2	

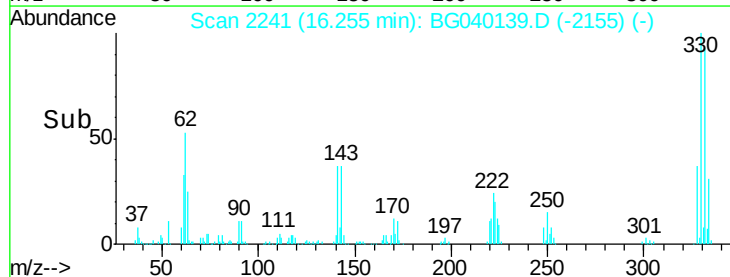
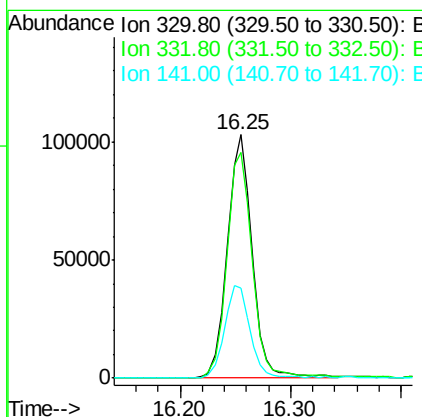
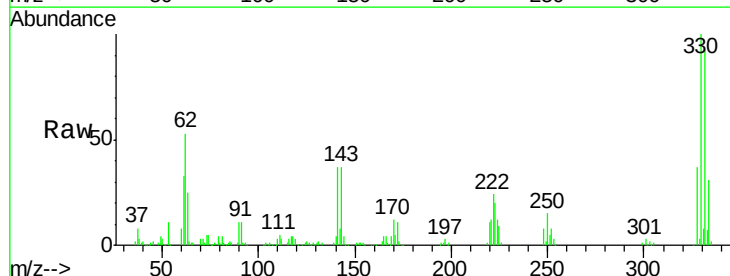
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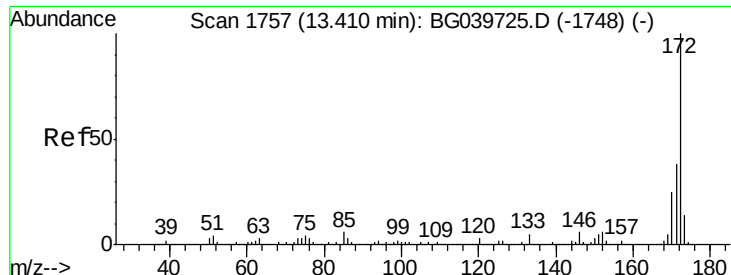
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#42
2,4,6-Tribromophenol
Concen: 128.842 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040139.D
Acq: 26 Mar 2019 6:52

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	162683		
332	95.1	75.7	113.5	
141	39.0	35.6	53.4	





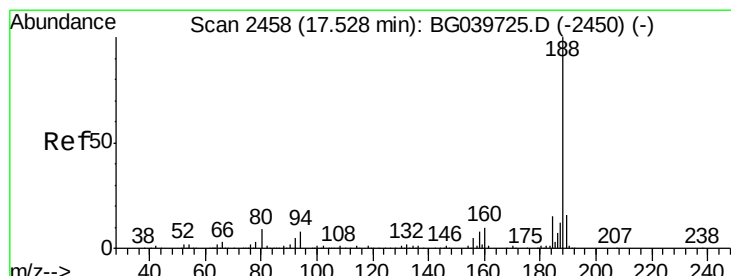
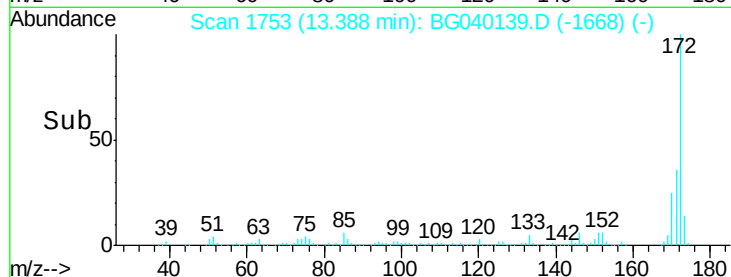
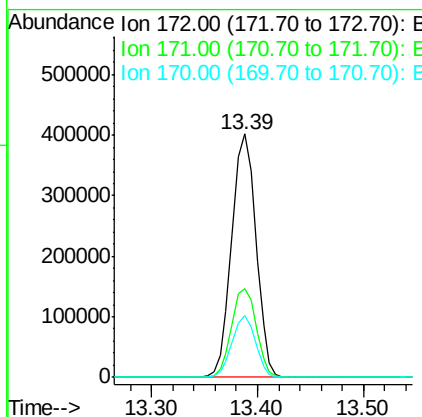
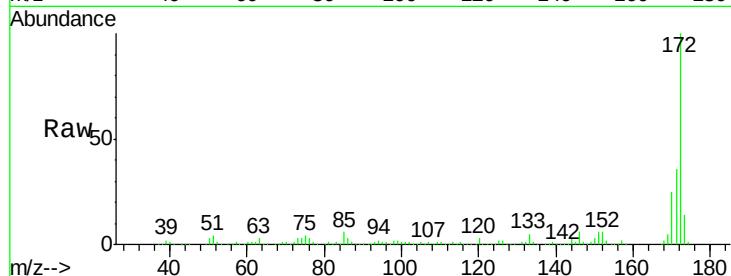
#45
2-Fluorobiphenyl
Concen: 83.803 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040139.D
Acq: 26 Mar 2019 6:52

Instrument :
BNA_G
ClientSampled :
DRUM-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.2	30.8	46.2
170	25.3	20.2	30.4

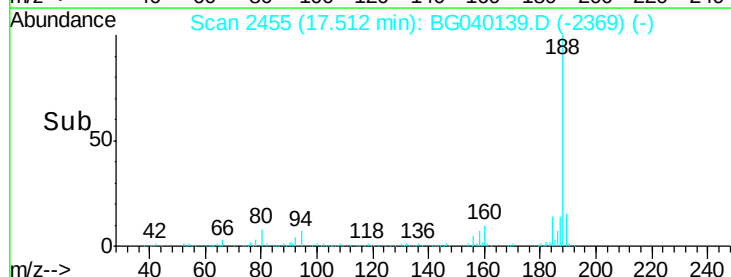
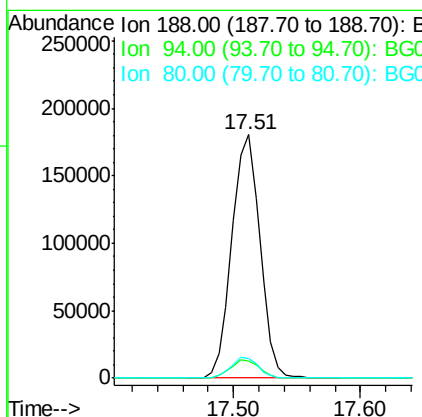
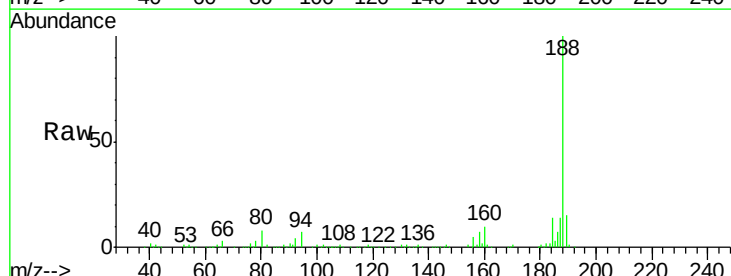
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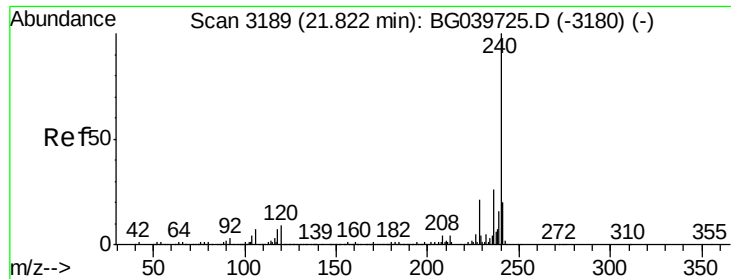
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040139.D
Acq: 26 Mar 2019 6:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.2	6.9	10.3
80	8.0	8.1	12.1#





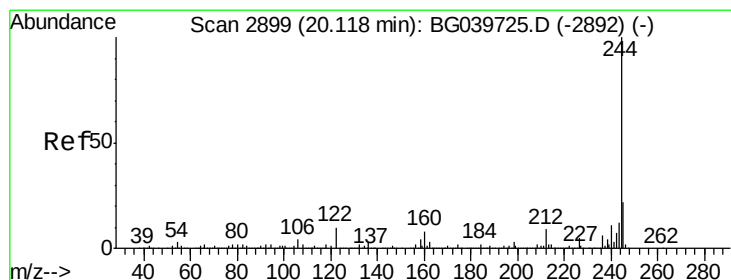
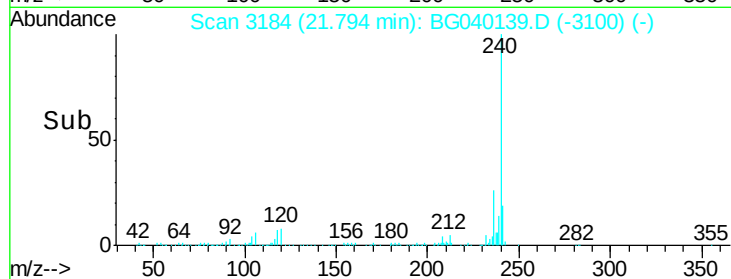
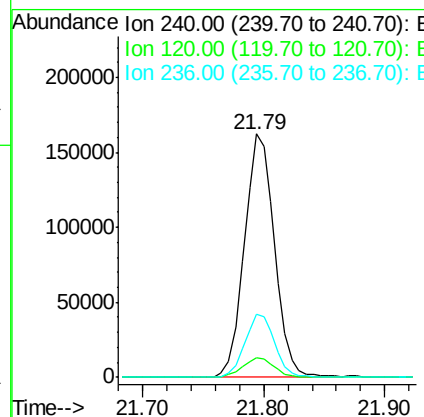
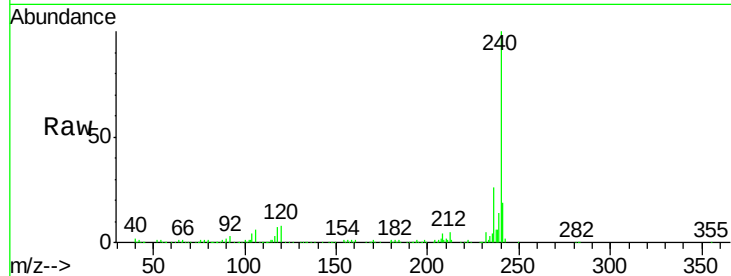
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040139.D
Acq: 26 Mar 2019 6:52

Instrument :
BNA_G
ClientSampleId :
DRUM-2

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	282192		
120	8.0	7.0	10.6	
236	26.0	21.0	31.4	

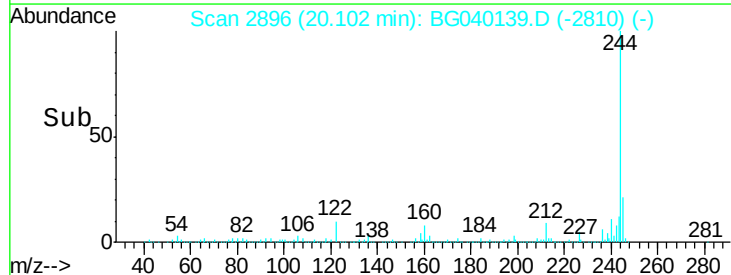
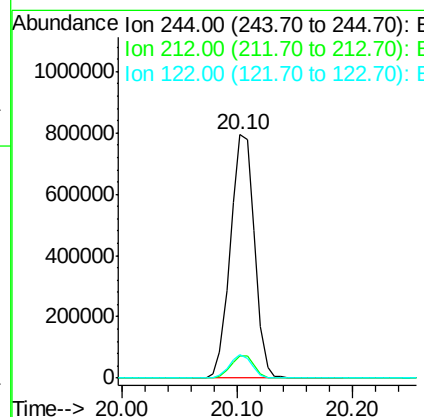
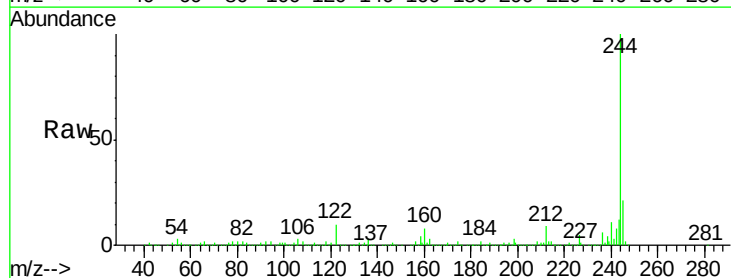
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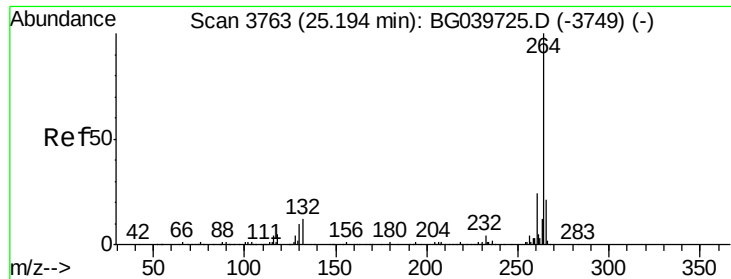
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#79
Terphenyl-d14
Concen: 89.310 ng
RT: 20.10 min Scan# 2896
Delta R.T. -0.02 min
Lab File: BG040139.D
Acq: 26 Mar 2019 6:52

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1144630		
212	9.2	7.3	10.9	
122	9.6	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: BG040139.D
Acq: 26 Mar 2019 6:52

Instrument :
BNA_G
ClientSampleId :
DRUM-2

Tgt Ion:	264	Resp:	275900
Ion Ratio		Lower	Upper
264	100		
260	25.4	18.2	27.4
265	21.5	18.5	27.7

Manual Integrations
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