

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
 Data File : BG041362.D
 Acq On : 20 Jun 2019 18:22
 Operator : HP/JU
 Sample : K3157-07 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-061719-D

Manual Integrations
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 6/21/2019 9:58:53 PM

Quant Time: Jun 20 19:09:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	39819	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	157575	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	106601	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	240603	20.00	ng	0.00
76) Chrysene-d12	21.75	240	236400	20.00	ng	0.00
87) Perylene-d12	25.08	264	148801	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	42318	19.53	ng	0.00
7) Phenol-d6	7.24	99	63999	20.37	ng	0.00
23) Nitrobenzene-d5	9.26	82	46434	12.39	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	30174	18.44	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	110546	14.09	ng	0.00
79) Terphenyl-d14	20.06	244	176199	14.77	ng	0.00
Target Compounds						
78) Pyrene	19.88	202	37204m	2.334	ng	Qvalue

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

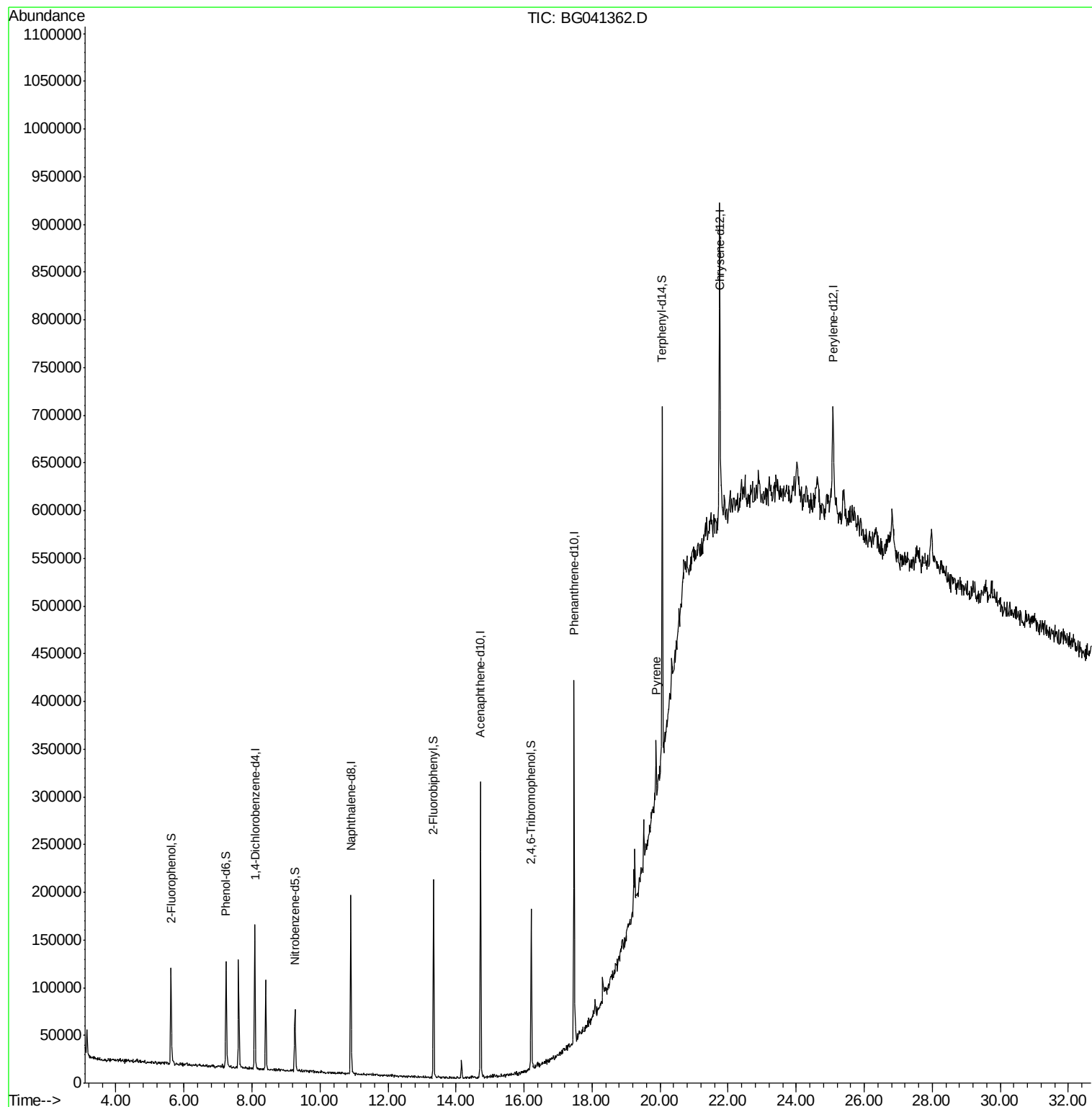
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041362.D
Acq On : 20 Jun 2019 18:22
Operator : HP/JU
Sample : K3157-07 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

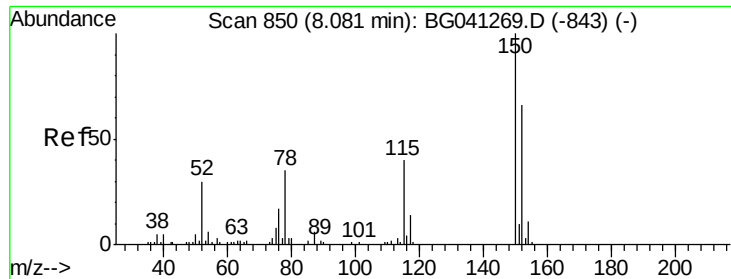
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
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#1

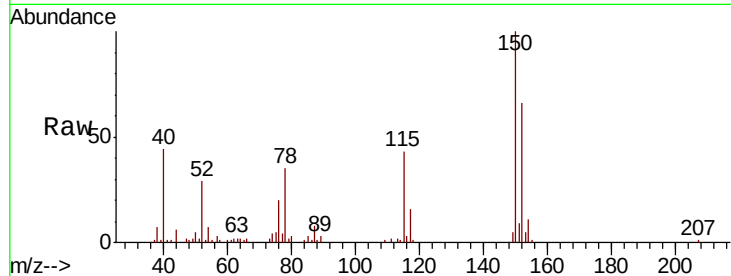
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041362.D
Acq: 20 Jun 2019 18:22

Instrument :
BNA_G
ClientSampleId :
CL-01-061719-D

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.7	120.6	181.0
115	65.6	47.9	71.9

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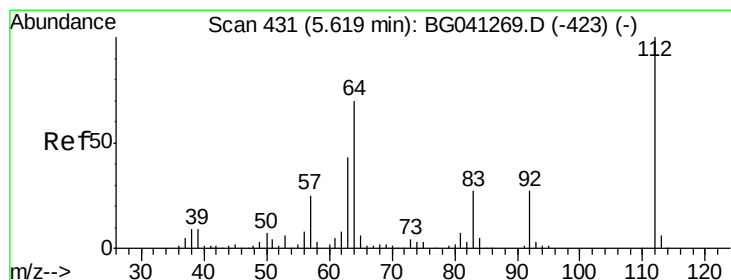
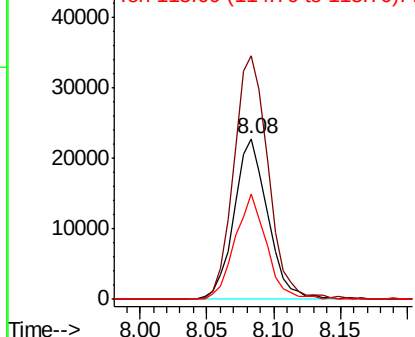
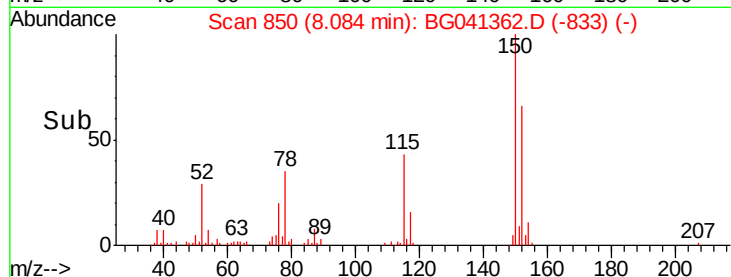


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

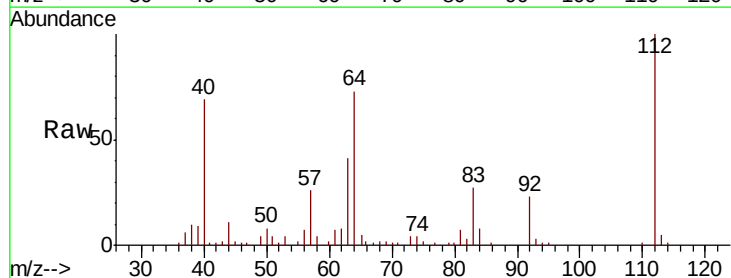
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 19.527 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041362.D
Acq: 20 Jun 2019 18:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.9	55.9	83.9
63	41.4	34.6	51.8

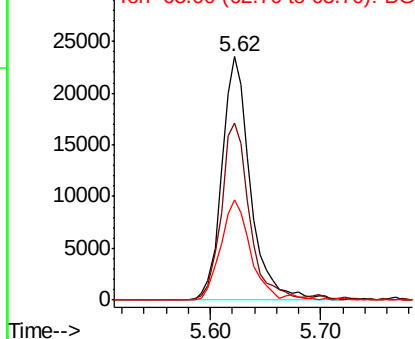
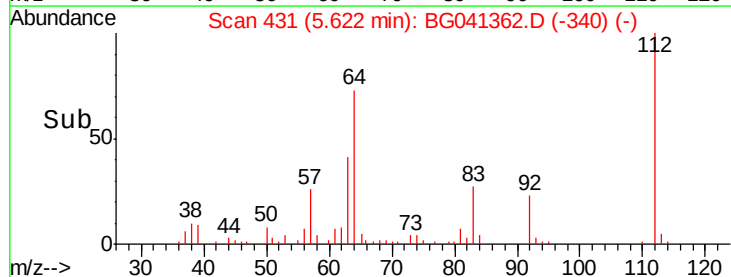


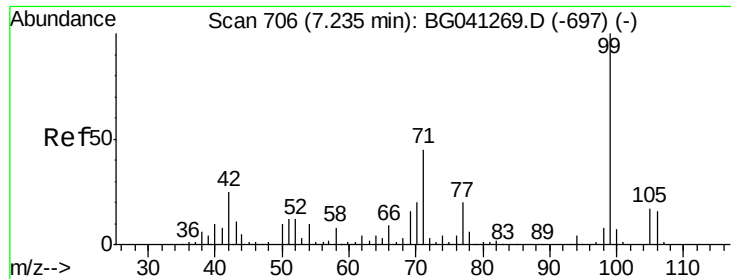
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 20.374 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041362.D

Acq: 20 Jun 2019 18:22

Instrument :

BNA_G

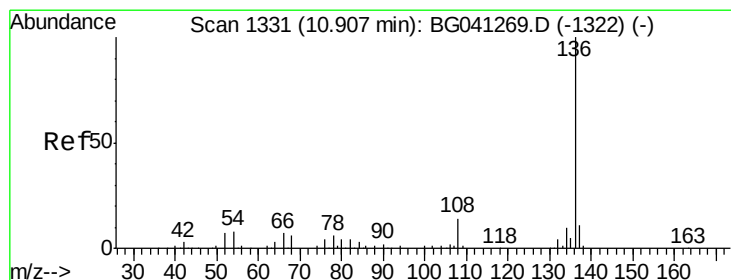
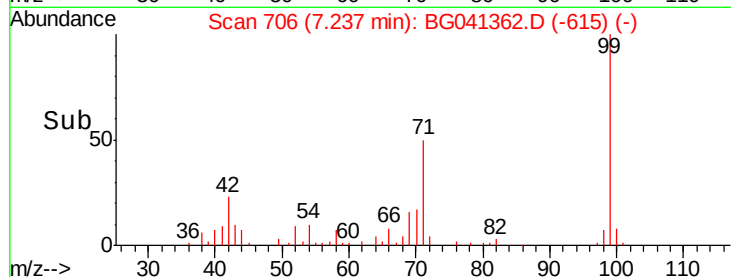
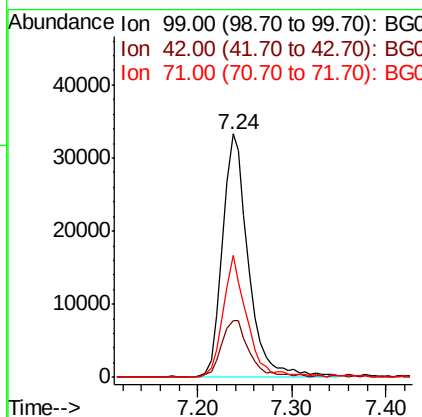
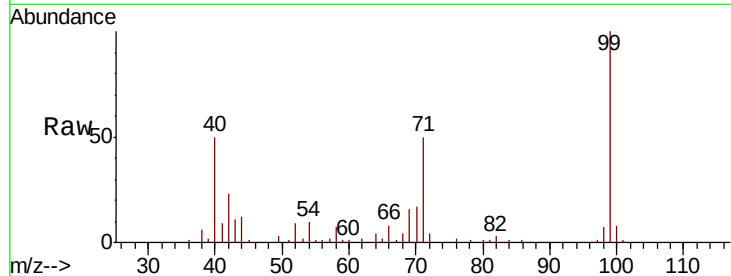
ClientSampleId :

CL-01-061719-D

Tgt Ion:	99	Resp:	63999
Ion	Ratio	Lower	Upper
99	100		
42	23.5	19.9	29.9
71	49.9	36.4	54.6

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#21

Naphthalene-d8

Concen: 20.000 ng

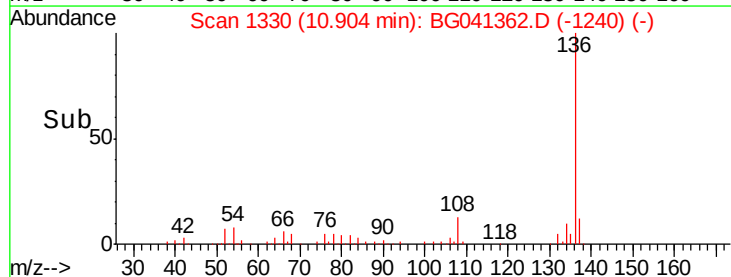
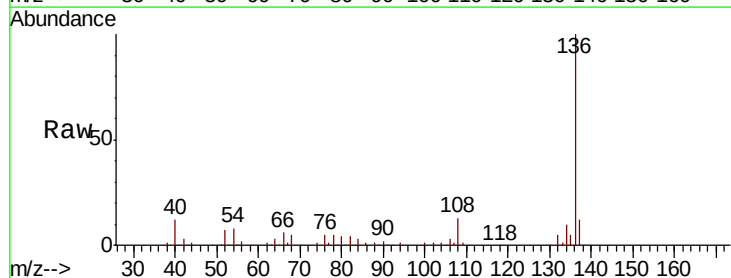
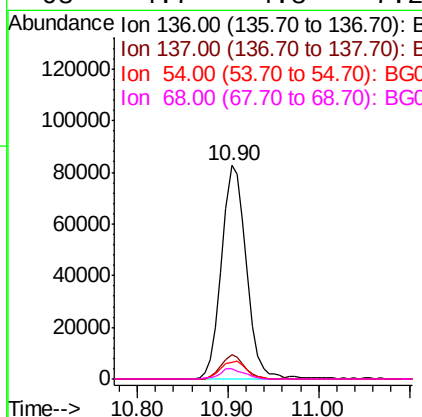
RT: 10.90 min Scan# 1330

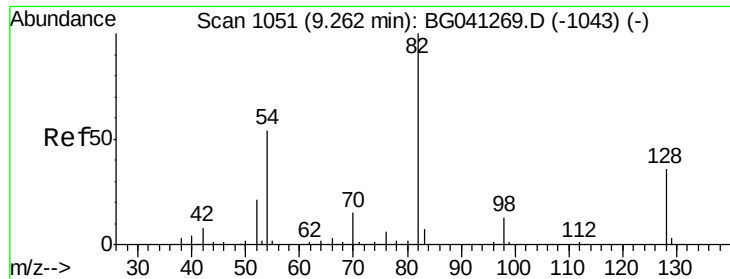
Delta R.T. -0.00 min

Lab File: BG041362.D

Acq: 20 Jun 2019 18:22

Tgt Ion:	136	Resp:	157575
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	8.4	6.4	9.6
68	4.7	4.8	7.2#





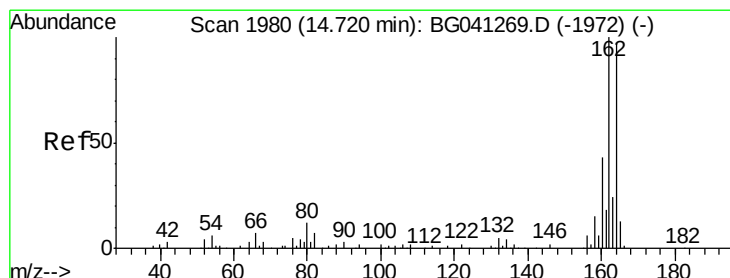
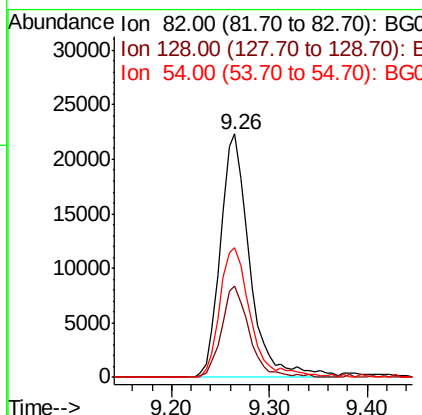
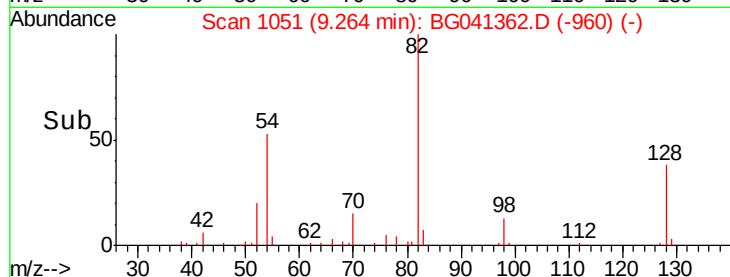
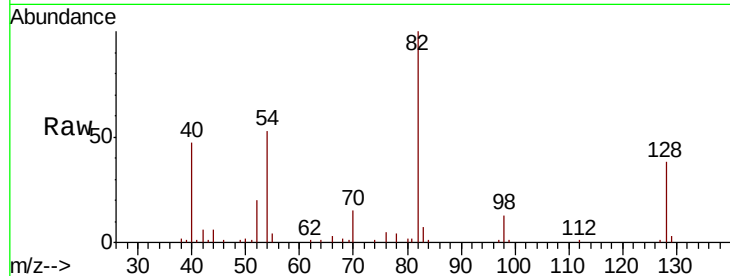
#23
 Nitrobenzene-d5
 Concen: 12.393 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BG041362.D
 Acq: 20 Jun 2019 18:22

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-061719-D

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	46434		
128	37.6	29.2	43.8	
54	53.0	43.4	65.0	

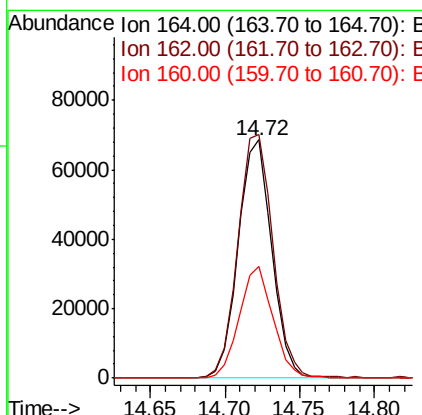
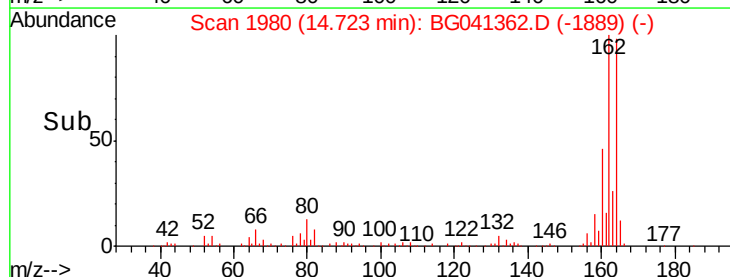
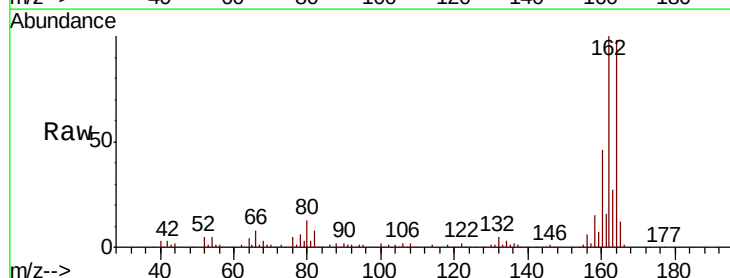
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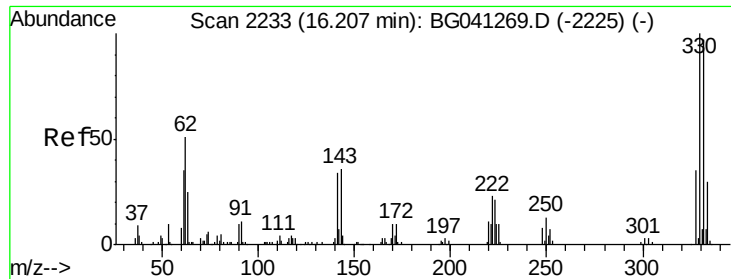
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: BG041362.D
 Acq: 20 Jun 2019 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	106601		
162	102.1	82.8	124.2	
160	46.7	35.8	53.8	





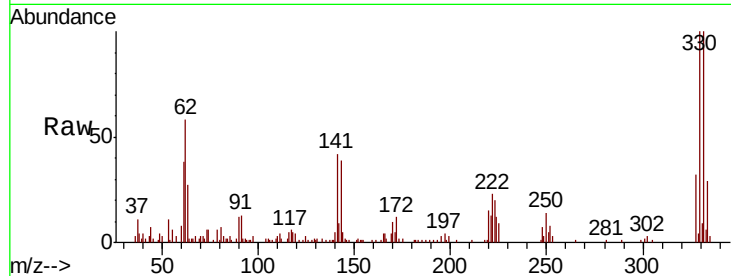
#42
 2,4,6-Tribromophenol
 Concen: 18.437 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: BG041362.D
 Acq: 20 Jun 2019 18:22

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-061719-D

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	30174		
332	102.7	75.5	113.3	
141	40.7	29.0	43.4	

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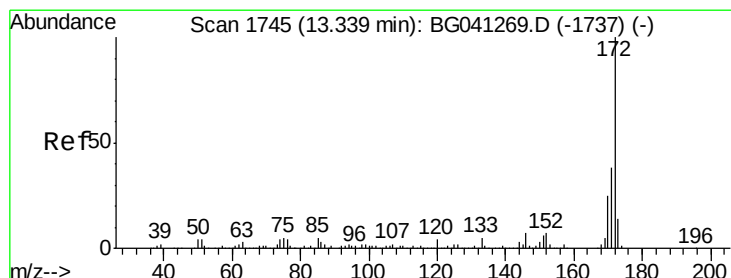
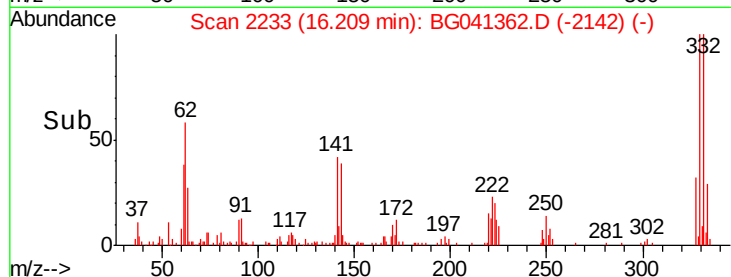
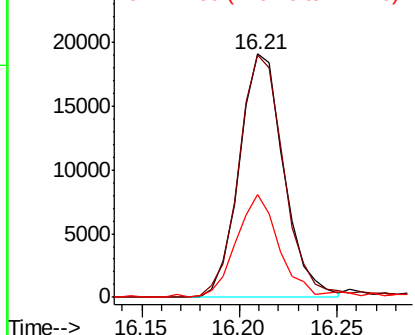


Abundance

Ion 329.80 (329.50 to 330.50): E

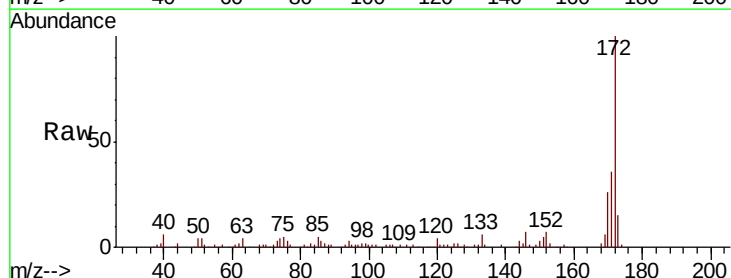
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 14.095 ng
 RT: 13.34 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG041362.D
 Acq: 20 Jun 2019 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	110546		
171	36.1	30.0	45.0	
170	26.1	19.8	29.6	

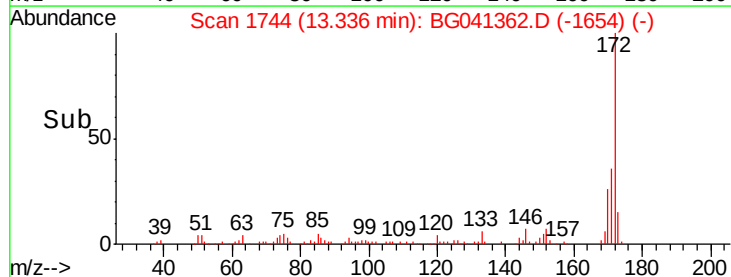
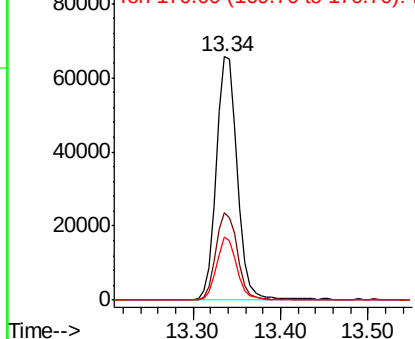


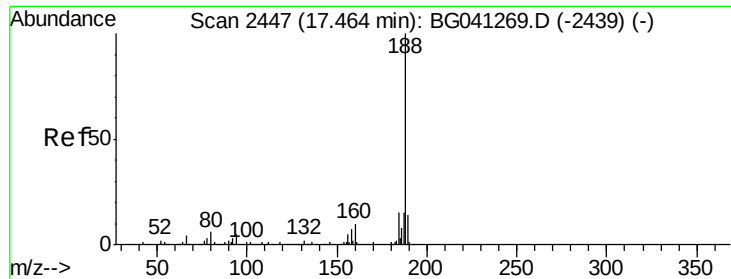
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





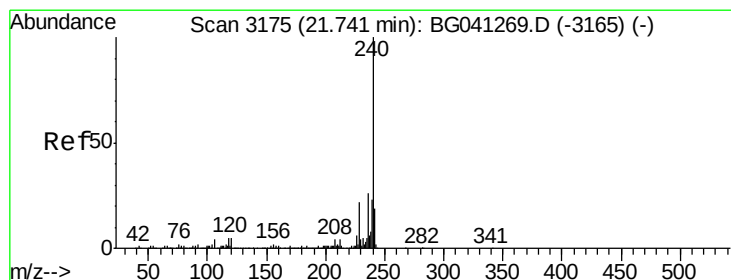
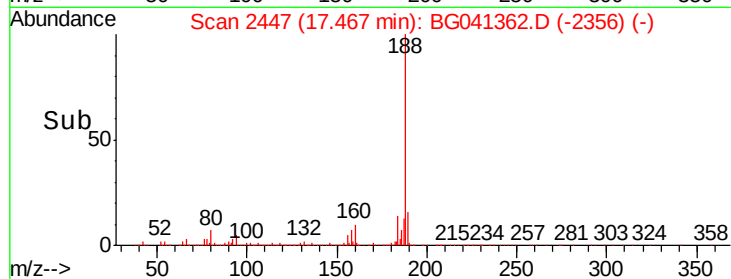
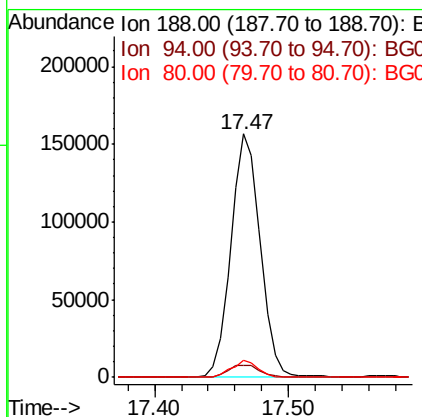
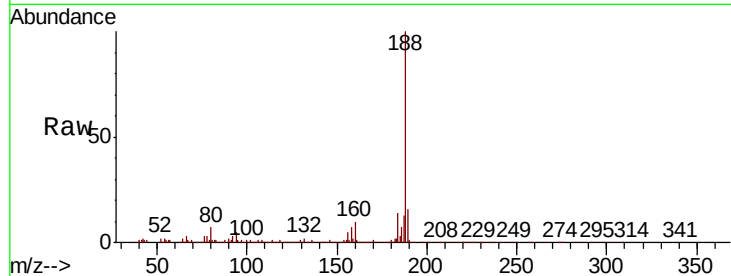
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041362.D
Acq: 20 Jun 2019 18:22

Instrument :
BNA_G
ClientSampleId :
CL-01-061719-D

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	4.9	3.6	5.4
80	7.0	4.8	7.2

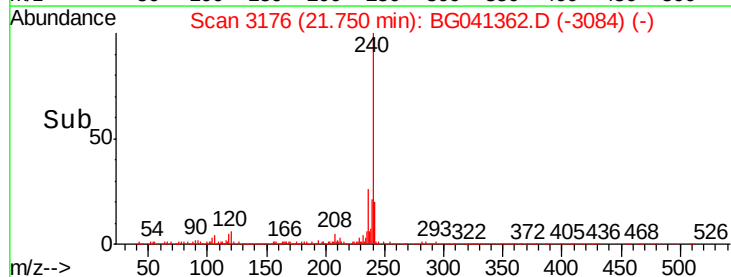
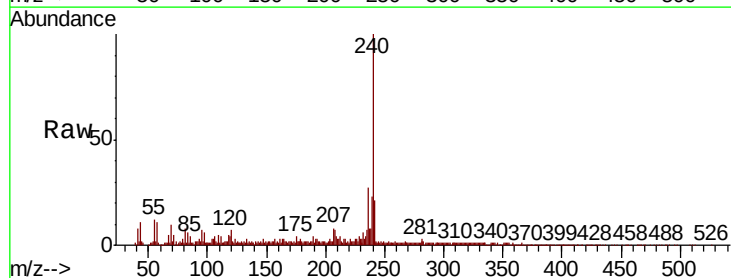
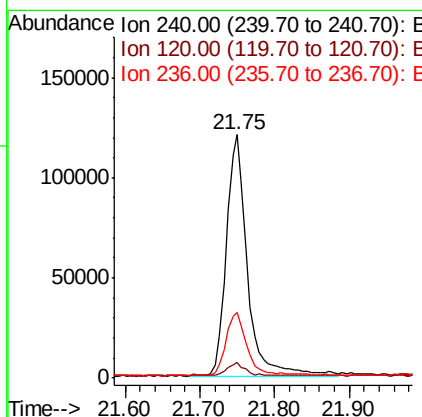
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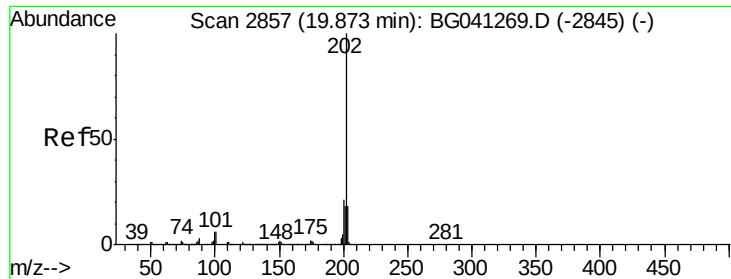
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3176
Delta R.T. 0.01 min
Lab File: BG041362.D
Acq: 20 Jun 2019 18:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	6.6	3.7	5.5#
236	26.7	21.1	31.7





#78

Pyrene

Concen: 2.334 ng m

RT: 19.88 min Scan# 2858

Delta R.T. 0.01 min

Lab File: BG041362.D

Acq: 20 Jun 2019 18:22

Instrument :

BNA_G

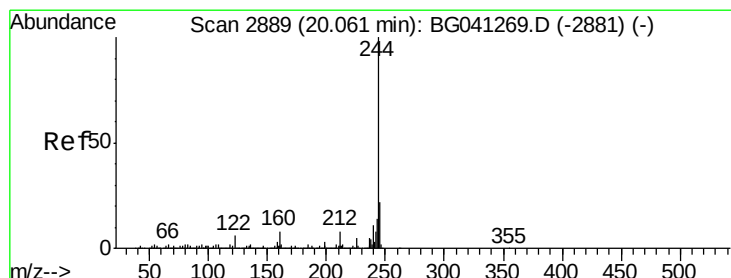
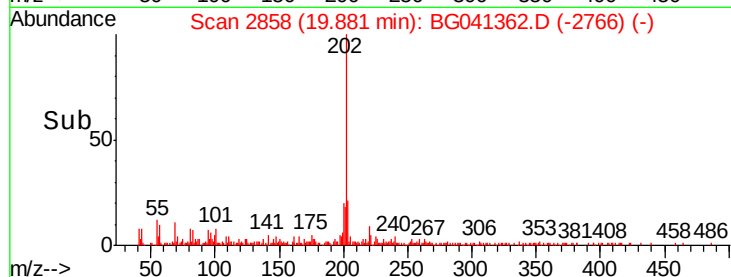
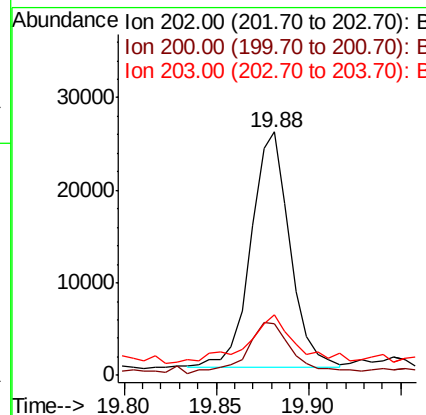
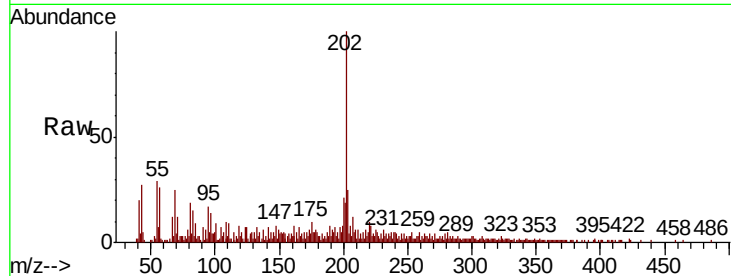
ClientSampleId :

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Tgt Ion:	202	Resp:	37204
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.8	25.2
203	24.9	14.6	21.8#

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#79

Terphenyl-d14

Concen: 14.771 ng

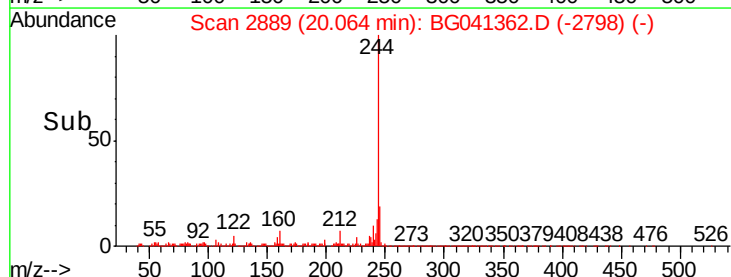
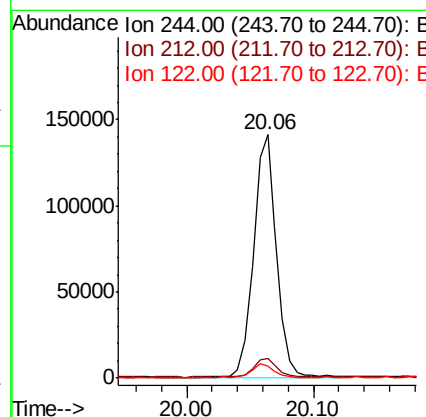
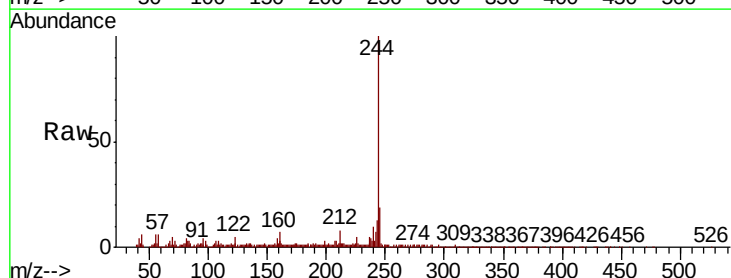
RT: 20.06 min Scan# 2889

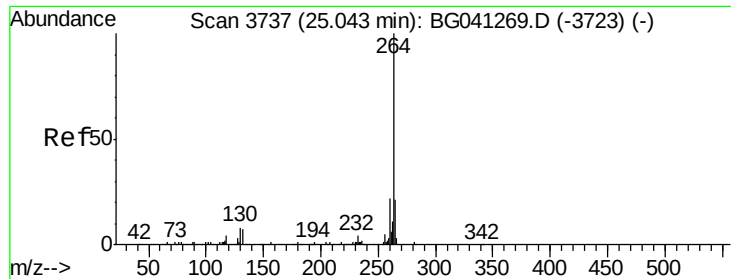
Delta R.T. 0.00 min

Lab File: BG041362.D

Acq: 20 Jun 2019 18:22

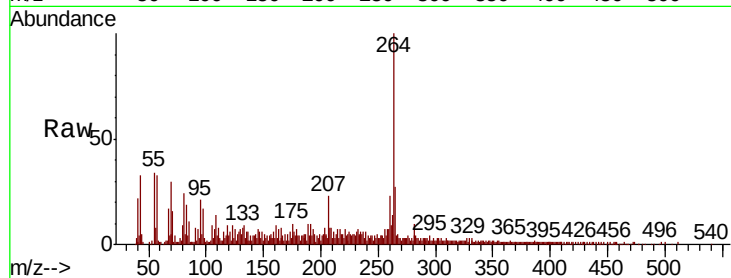
Tgt Ion:	244	Resp:	176199
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.6	10.0
122	5.1	5.0	7.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3742
Delta R.T. 0.03 min
Lab File: BG041362.D
Acq: 20 Jun 2019 18:22

Instrument :
BNA_G
ClientSampleId :
CL-01-061719-D



Tgt	Ion	Ratio	Lower	Upper
264	100			
260	23.4	17.4	26.2	
265	26.6	17.2	25.8	

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