

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040903.D
 Acq On : 12 May 2019 11:00
 Operator : HP/JU
 Sample : K2768-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1218-01

Manual Integrations
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Sohil
 5/14/2019 8:01:50 PM

Quant Time: May 13 04:58:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	50353	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	219597	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	160149	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	413701	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	417731	20.00	ng	-0.03
87) Perylene-d12	25.13	264	449854	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	431183	150.95	ng	-0.02
7) Phenol-d6	7.28	99	651386	148.10	ng	-0.02
23) Nitrobenzene-d5	9.31	82	445484	93.74	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	350525	159.24	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	946641	85.37	ng	-0.03
79) Terphenyl-d14	20.10	244	1569261	83.23	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.20	163	171799	12.821	ng	97
75) Fluoranthene	19.55	202	70802	2.550	ng	94
78) Pyrene	19.91	202	138845	5.303	ng	96
83) Chrysene	21.84	228	60879	2.425	ng	97
88) Benzo(b)fluoranthene	24.06	252	64912m	2.361	ng	

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

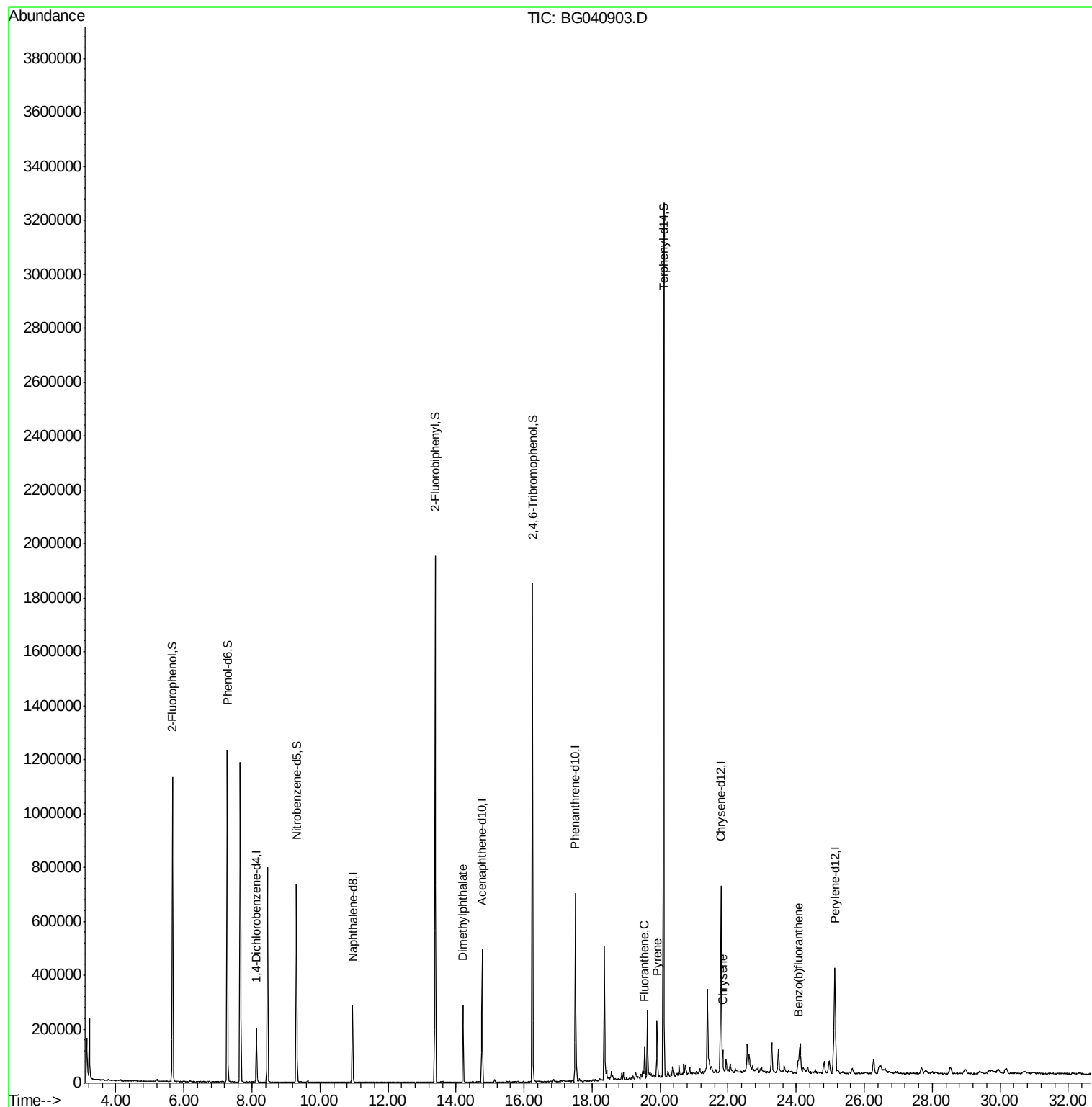
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
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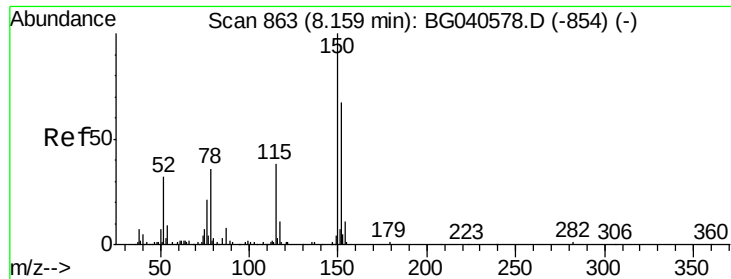
Instrument :
BNA_G
ClientSampleId :
P026-SS015-1218-01

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Response via : Initial Calibration





#1

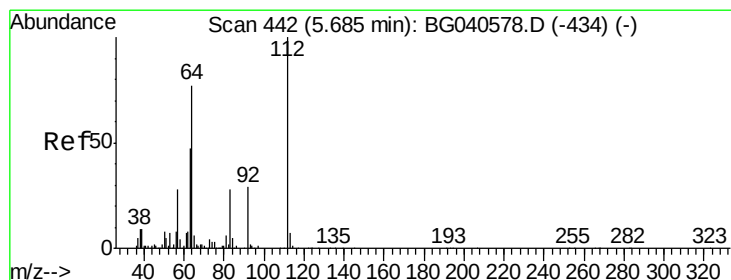
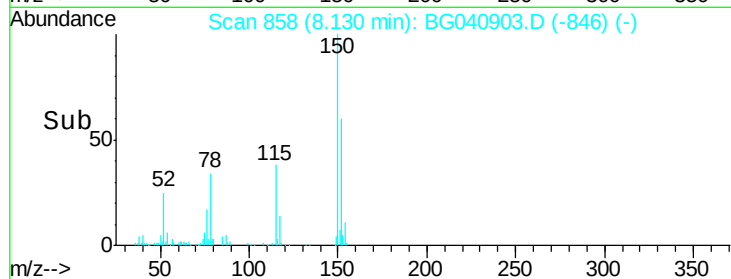
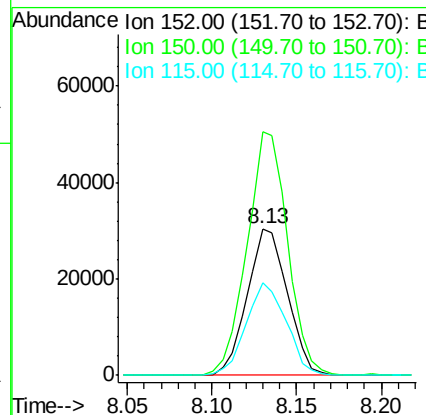
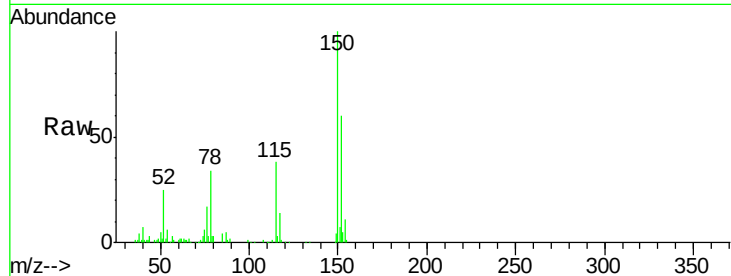
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040903.D
Acq: 12 May 2019 11:00

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1218-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	166.1	120.2	180.2
115	63.4	46.2	69.2

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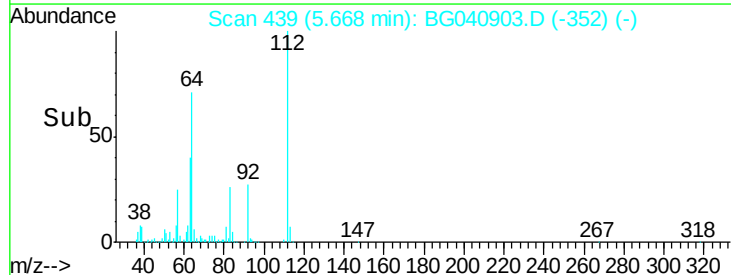
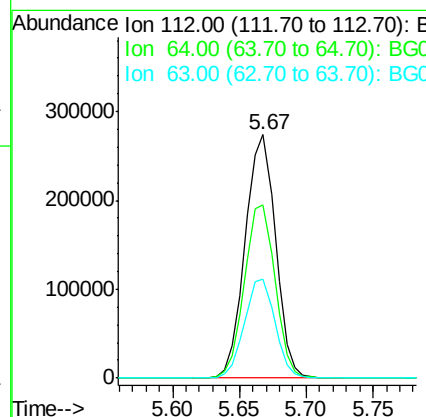
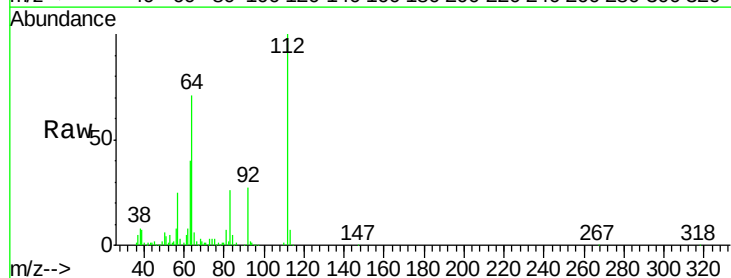
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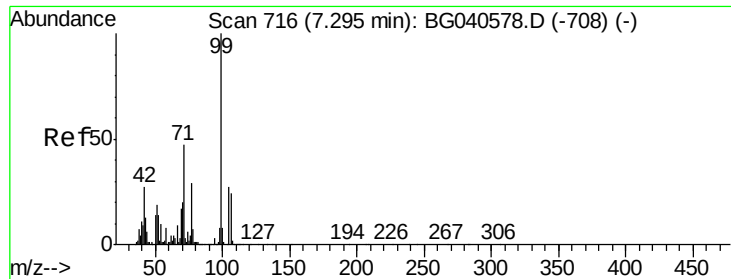


#5

2-Fluorophenol
Concen: 150.949 ng
RT: 5.67 min Scan# 439
Delta R.T. -0.02 min
Lab File: BG040903.D
Acq: 12 May 2019 11:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.2	61.4	92.0
63	40.5	37.8	56.6





#7

Phenol-d6

Concen: 148.104 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040903.D

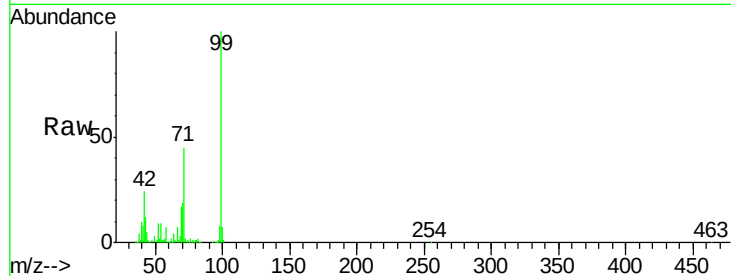
Acq: 12 May 2019 11:00

Instrument :

BNA_G

ClientSampleId :

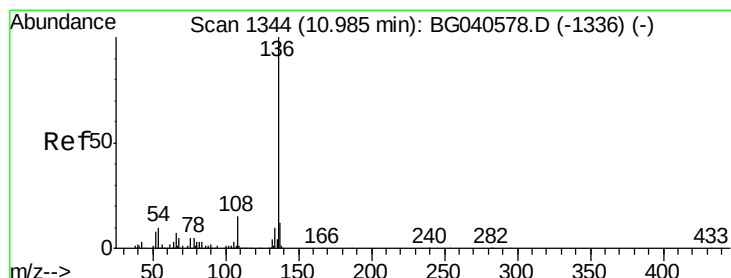
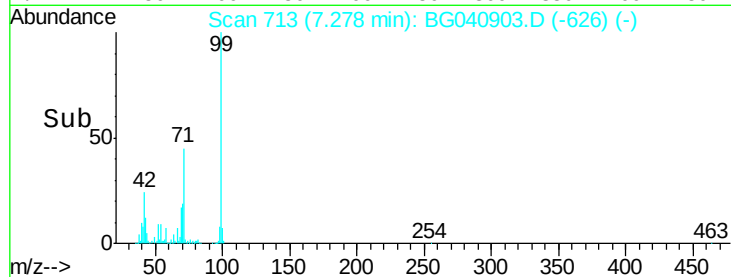
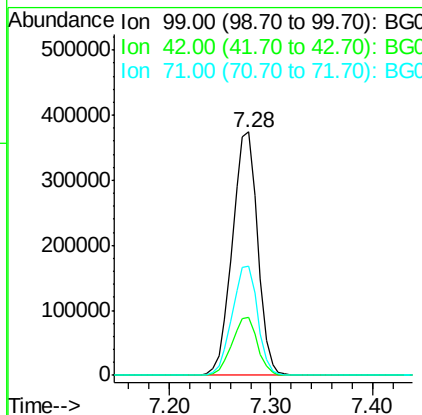
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Tgt Ion	Ratio	Resp	Lower	Upper
99	100	651386		
42	23.8	21.8	32.8	
71	45.1	38.6	57.8	

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#21

Naphthalene-d8

Concen: 20.000 ng

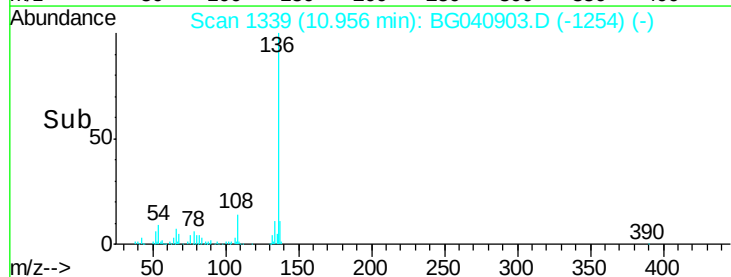
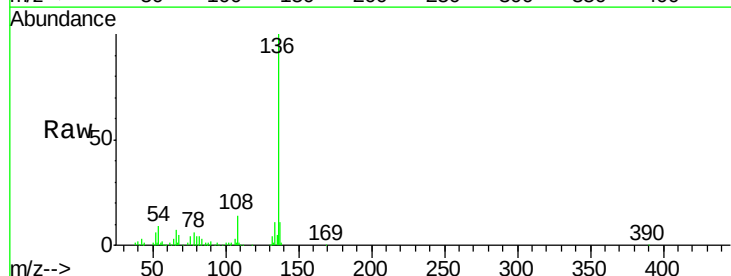
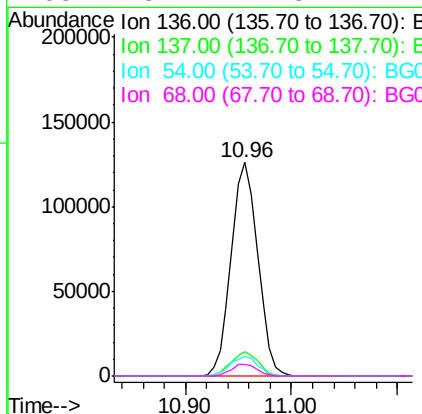
RT: 10.96 min Scan# 1339

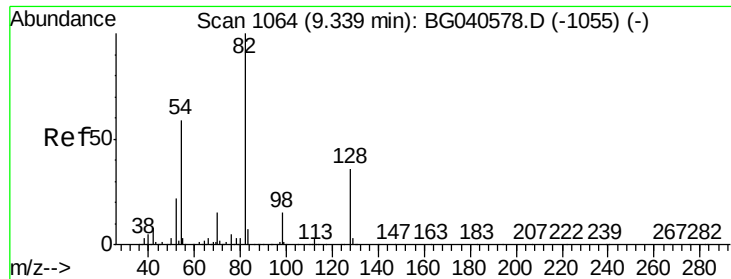
Delta R.T. -0.03 min

Lab File: BG040903.D

Acq: 12 May 2019 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	219597		
137	11.5	9.7	14.5	
54	9.0	8.6	12.8	
68	5.4	4.8	7.2	





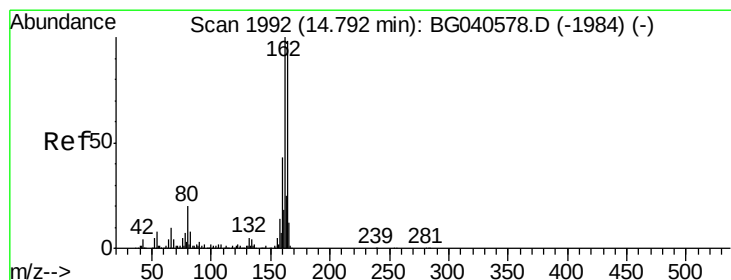
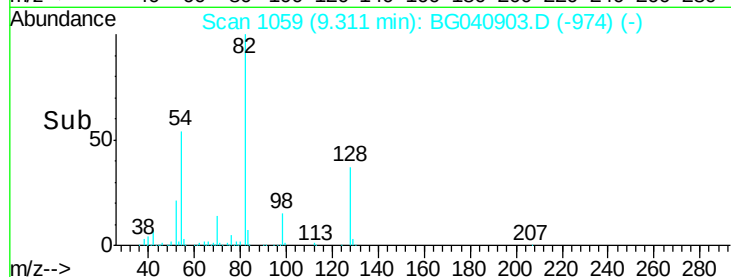
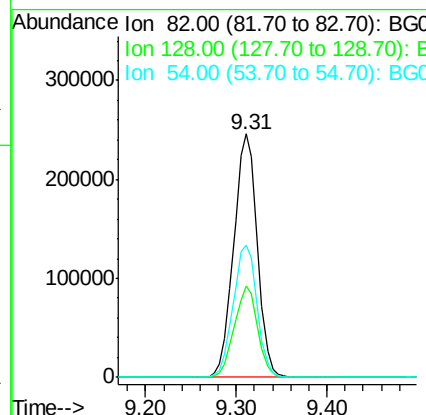
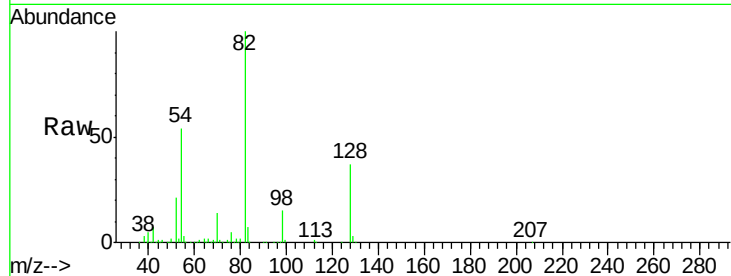
#23
 Nitrobenzene-d5
 Concen: 93.736 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. -0.03 min
 Lab File: BG040903.D
 Acq: 12 May 2019 11:00

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1218-01

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	445484		
128	37.3	28.9	43.3	
54	54.2	47.2	70.8	

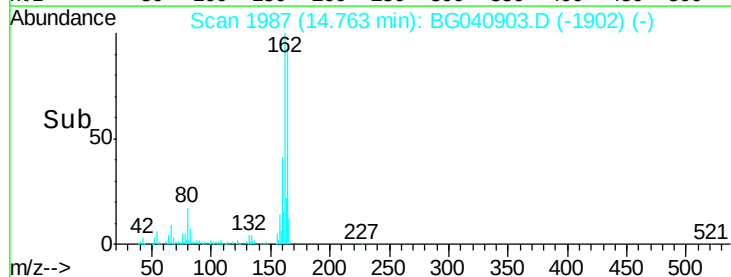
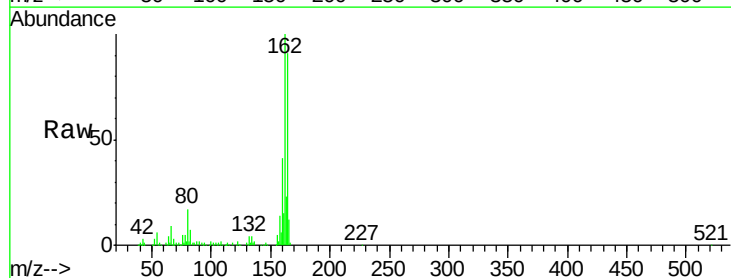
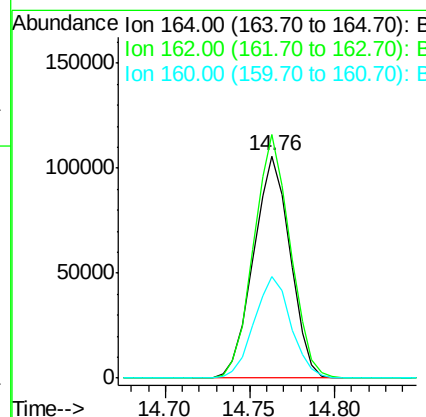
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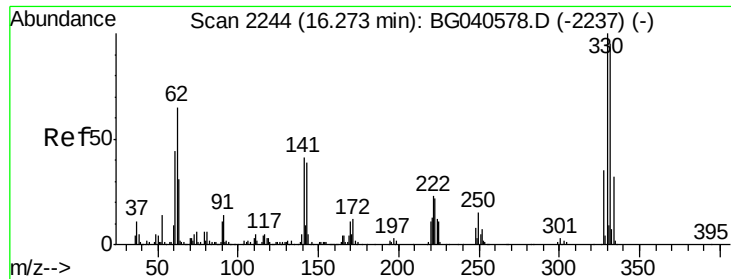
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.03 min
 Lab File: BG040903.D
 Acq: 12 May 2019 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	160149		
162	109.5	81.9	122.9	
160	45.4	35.4	53.2	





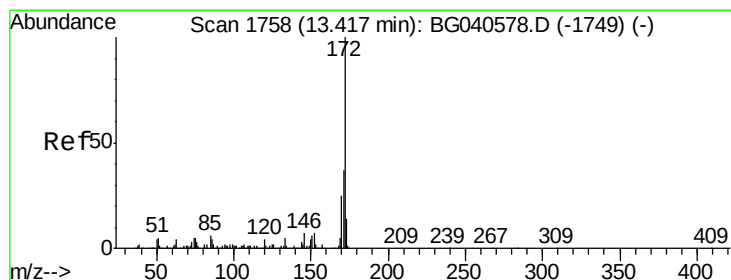
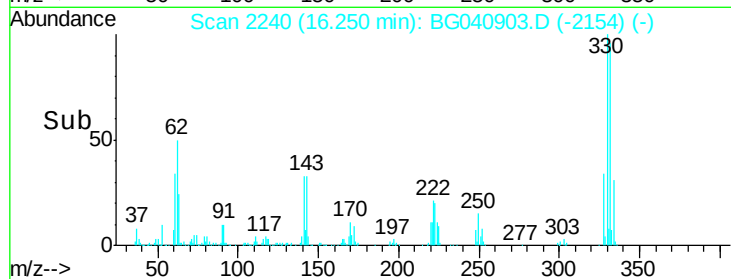
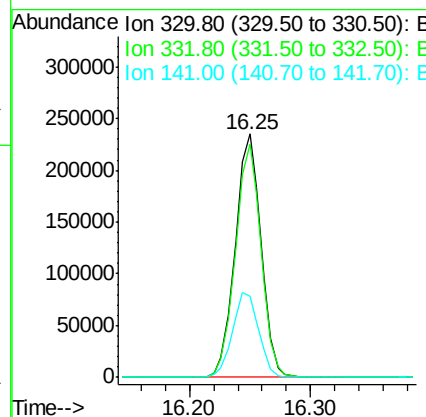
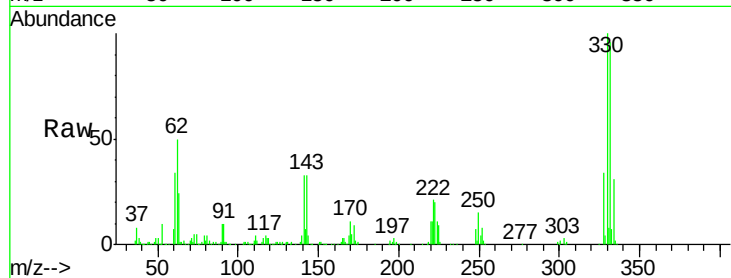
#42
 2,4,6-Tribromophenol
 Concen: 159.237 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.02 min
 Lab File: BG040903.D
 Acq: 12 May 2019 11:00

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1218-01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	75.9	113.9	
141	35.2	32.4	48.6	

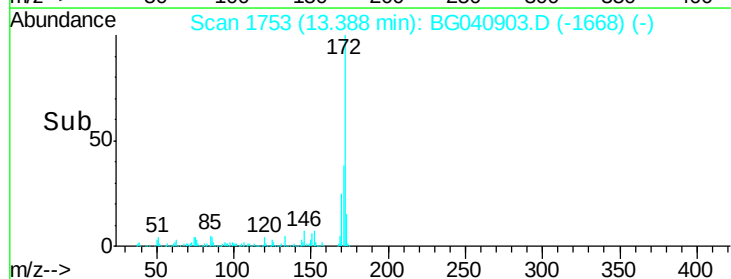
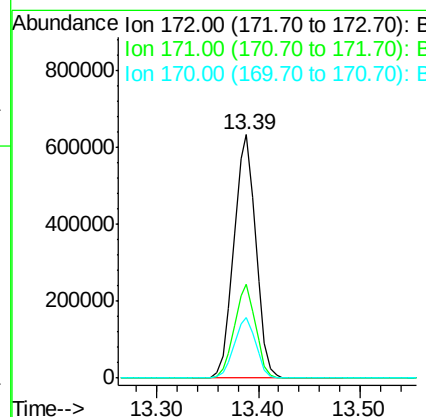
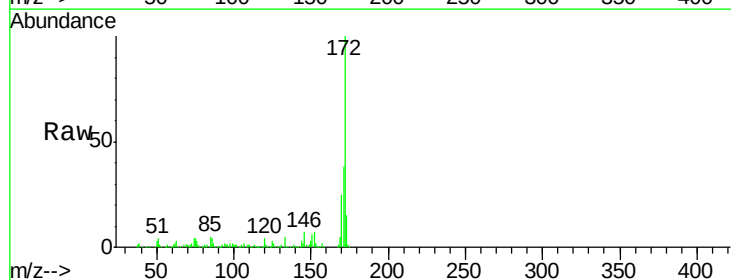
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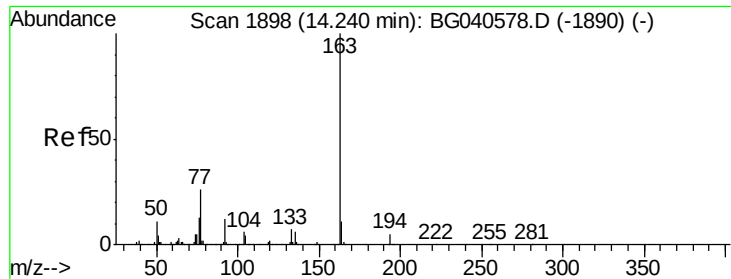
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#45
 2-Fluorobiphenyl
 Concen: 85.367 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040903.D
 Acq: 12 May 2019 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	38.5	29.4	44.2	
170	24.8	19.9	29.9	





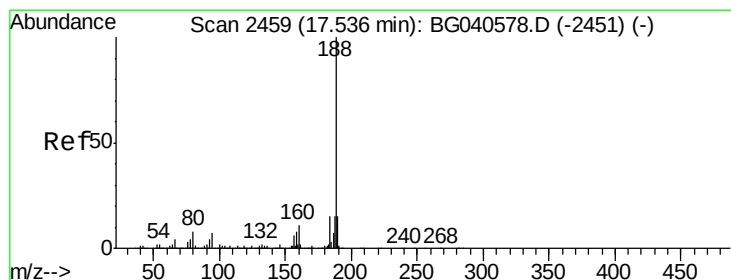
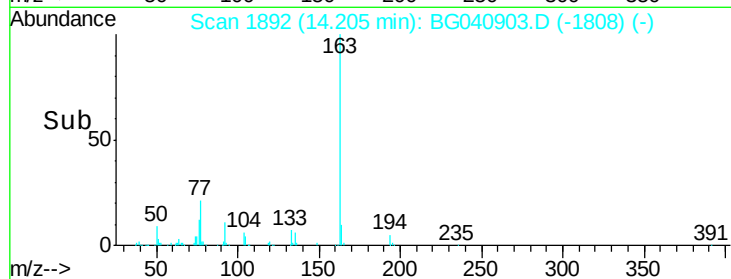
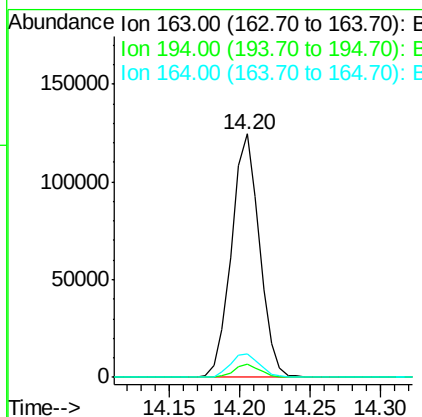
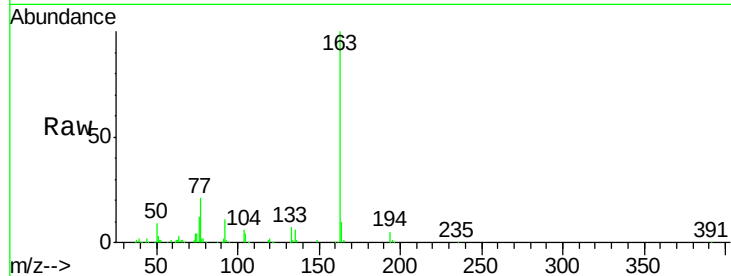
#50
Dimethylphthalate
Concen: 12.821 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.03 min
Lab File: BG040903.D
Acq: 12 May 2019 11:00

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1218-01

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	171799		
194	5.3	3.8	5.8	
164	9.5	8.8	13.2	

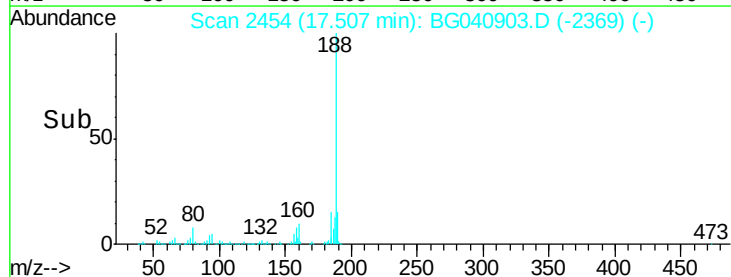
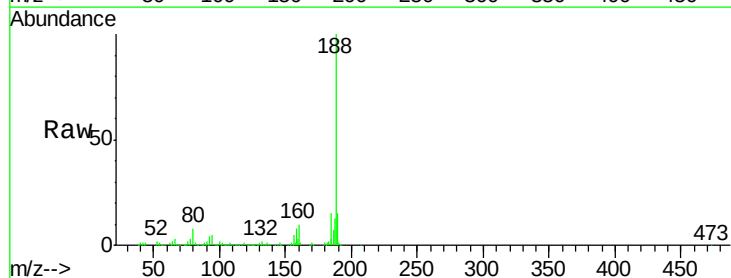
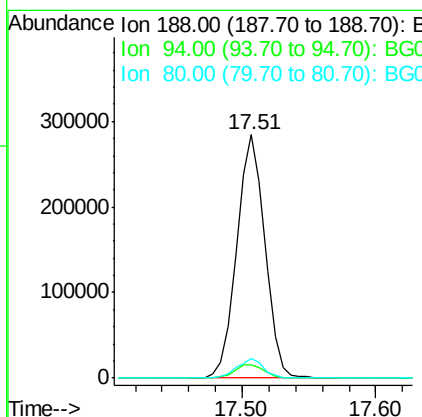
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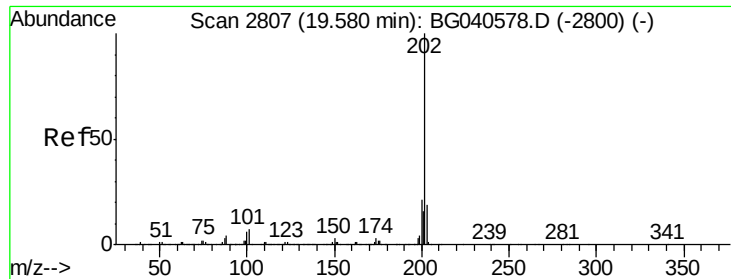
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BG040903.D
Acq: 12 May 2019 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	413701		
94	5.5	5.6	8.4#	
80	7.8	6.4	9.6	





#75

Fluoranthene

Concen: 2.550 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.03 min

Lab File: BG040903.D

Acq: 12 May 2019 11:00

Instrument :

BNA_G

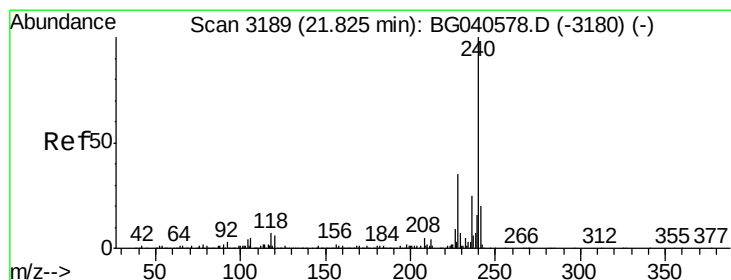
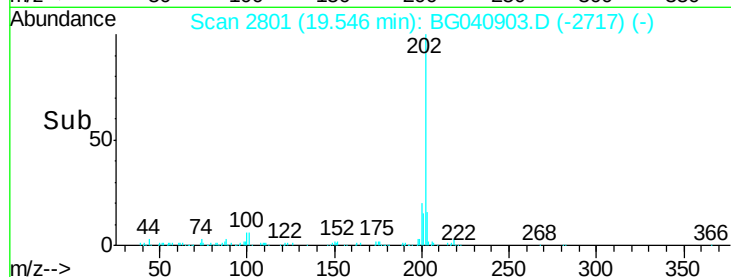
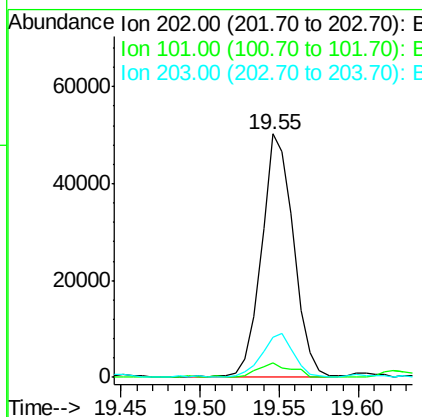
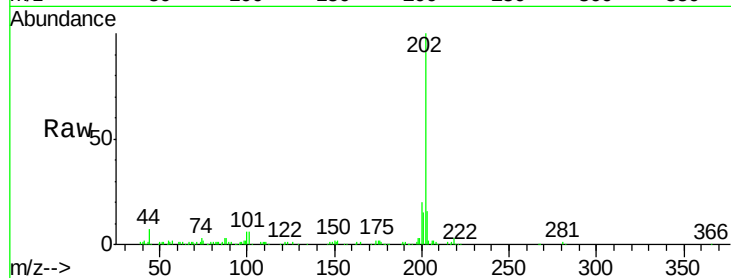
ClientSampleId :

P026-SS015-1218-01

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		70802		
101	6.1	0.0	27.5		
203	16.4	0.0	39.3		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

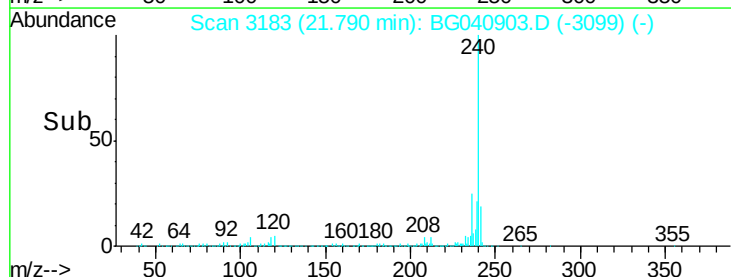
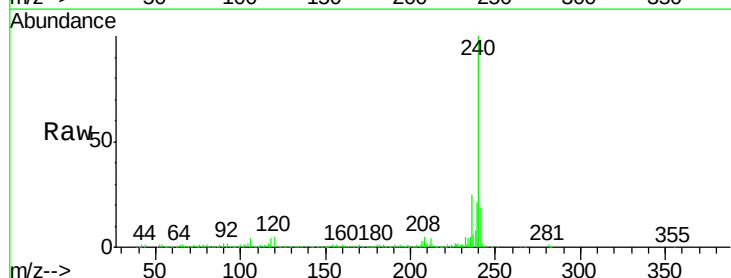
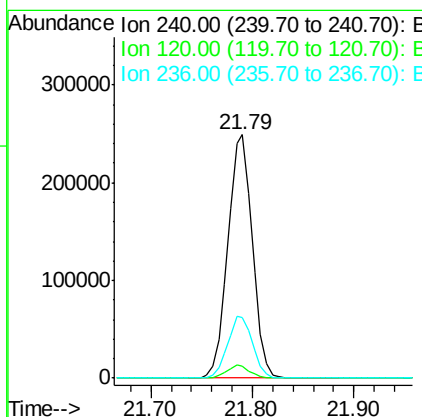
RT: 21.79 min Scan# 3183

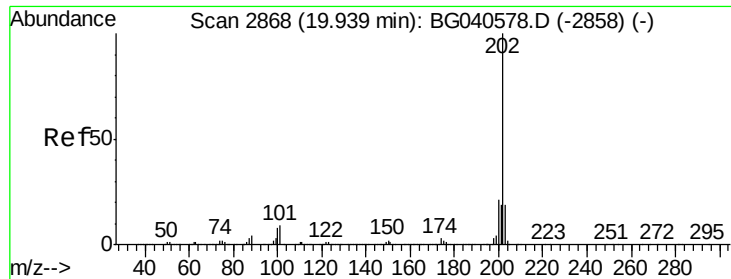
Delta R.T. -0.03 min

Lab File: BG040903.D

Acq: 12 May 2019 11:00

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		417731		
120	4.8	5.0	7.6#		
236	25.0	20.3	30.5		





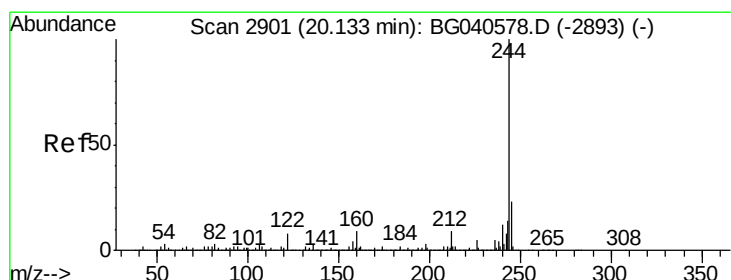
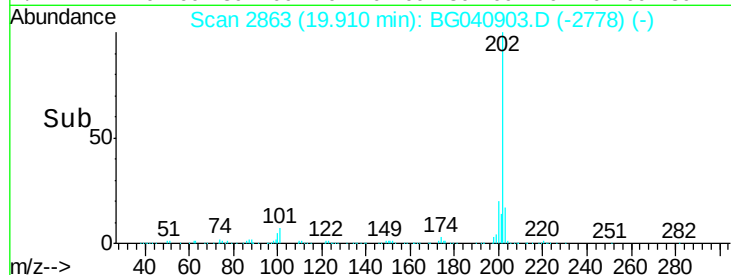
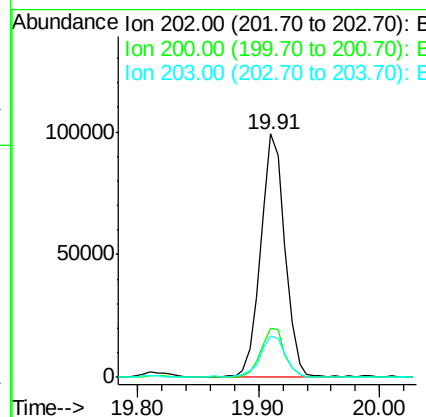
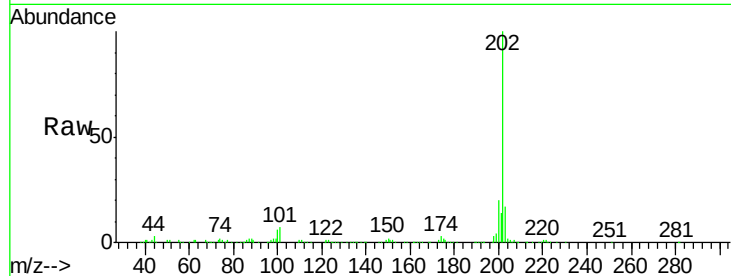
#78
 Pyrene
 Concen: 5.303 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. -0.03 min
 Lab File: BG040903.D
 Acq: 12 May 2019 11:00

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1218-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.0	17.2	25.8
203	16.9	15.0	22.4

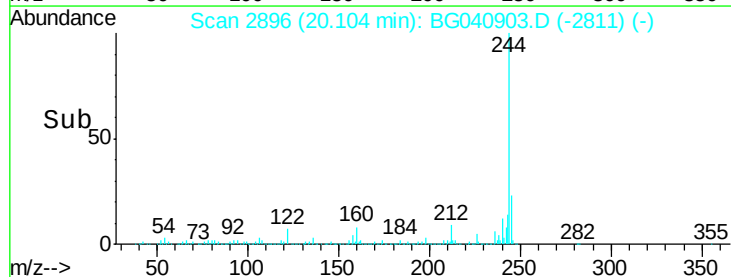
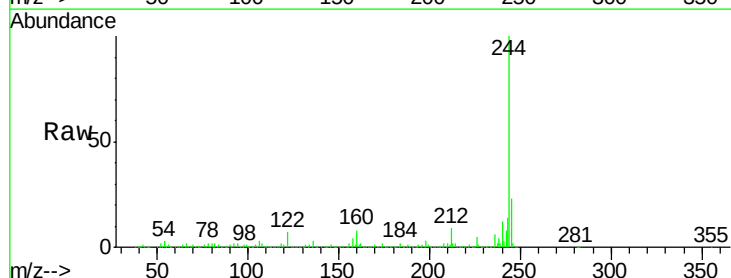
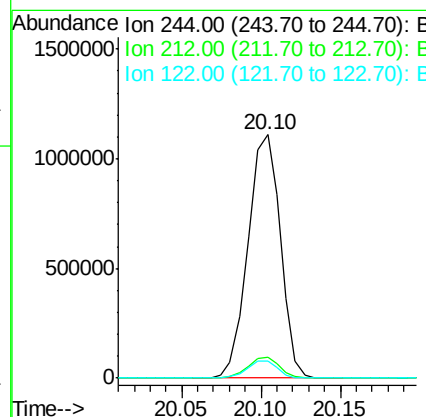
Manual Integrations
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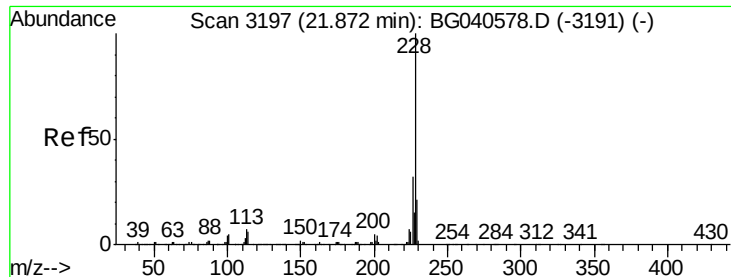
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#79
 Terphenyl-d14
 Concen: 83.225 ng
 RT: 20.10 min Scan# 2896
 Delta R.T. -0.03 min
 Lab File: BG040903.D
 Acq: 12 May 2019 11:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.8	7.2	10.8
122	7.1	6.6	10.0





#83

Chrysene

Concen: 2.425 ng

RT: 21.84 min Scan# 3191

Delta R.T. -0.03 min

Lab File: BG040903.D

Acq: 12 May 2019 11:00

Instrument :

BNA_G

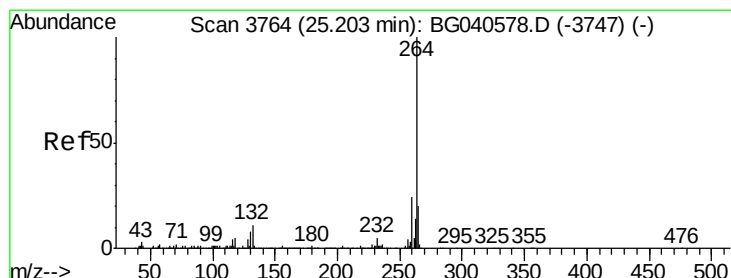
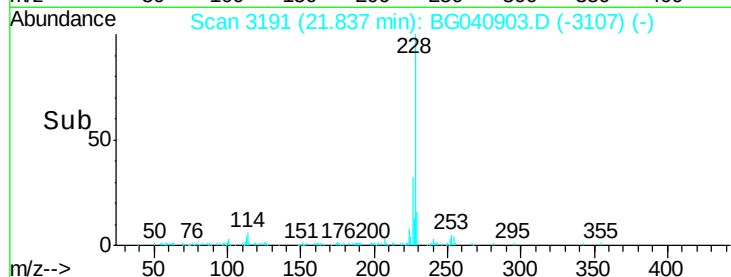
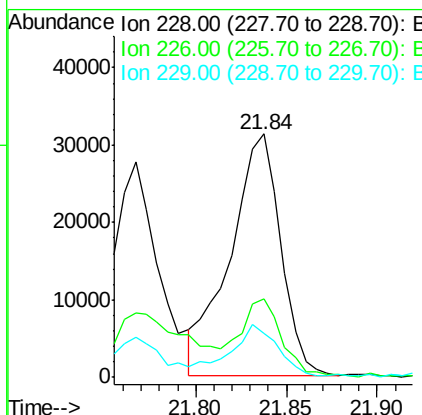
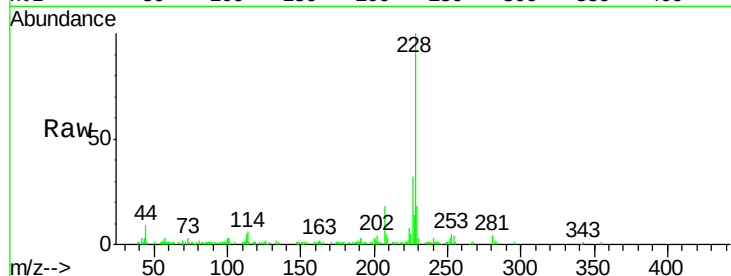
ClientSampleId :

P026-SS015-1218-01

Tgt Ion:	228	Resp:	60879
Ion Ratio	Lower	Upper	
228	100		
226	32.5	25.5	38.3
229	18.1	16.8	25.2

Manual Integrations
APPROVED

Sohil
5/14/2019 8:01:50 PM



#87

Perylene-d12

Concen: 20.000 ng

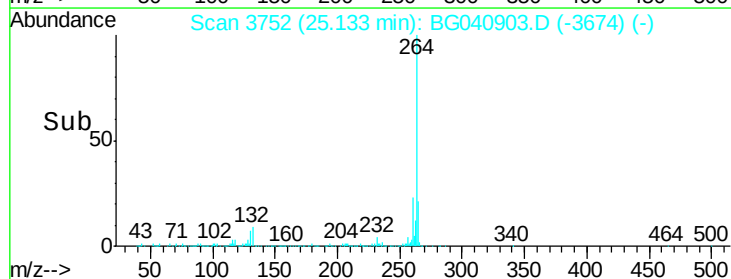
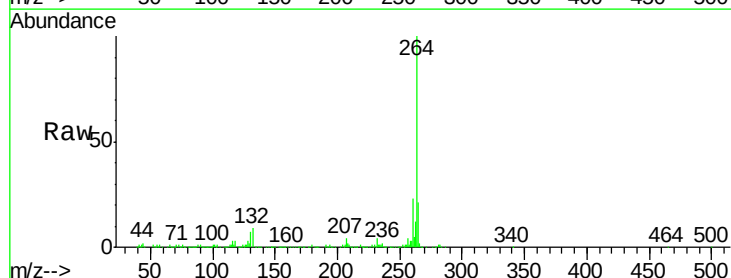
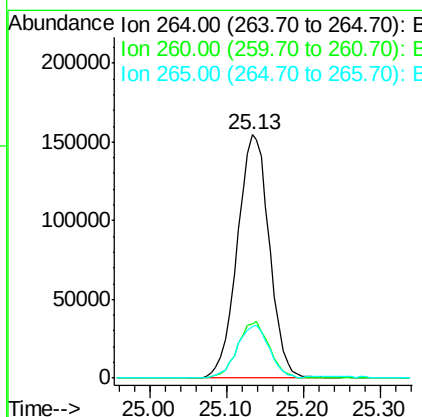
RT: 25.13 min Scan# 3752

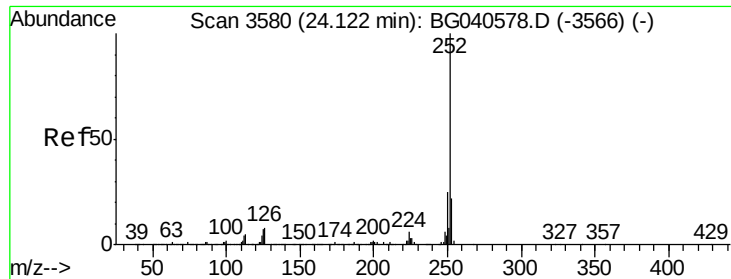
Delta R.T. -0.07 min

Lab File: BG040903.D

Acq: 12 May 2019 11:00

Tgt Ion:	264	Resp:	449854
Ion Ratio	Lower	Upper	
264	100		
260	22.5	19.2	28.8
265	21.0	16.6	25.0





#88
 Benzo(b)fluoranthene
 Concen: 2.361 ng m
 RT: 24.06 min Scan# 3570
 Delta R.T. -0.06 min
 Lab File: BG040903.D
 Acq: 12 May 2019 11:00

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1218-01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.6	26.4
125	9.2	5.4	8.0

Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:01:50 PM

