

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
 Data File : BG042369.D
 Acq On : 20 Aug 2019 22:31
 Operator : HP/JU
 Sample : K4388-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T4-D-(0-2)

Manual Integrations
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mohammad
 8/22/2019 12:49:17 PM

Quant Time: Aug 21 05:39:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	78394	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	301111	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	206896	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	403435	20.00	ng	0.00
76) Chrysene-d12	21.69	240	409437	20.00	ng	0.00
87) Perylene-d12	24.94	264	483856	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	347327	89.77	ng	0.00
7) Phenol-d6	7.17	99	491192	93.47	ng	0.00
23) Nitrobenzene-d5	9.17	82	277813	64.89	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	250393	88.86	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	735858	60.18	ng	0.00
79) Terphenyl-d14	20.03	244	1022524	54.70	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.25	79	11469	3.173	ng	99
50) Dimethylphthalate	14.11	163	39487	2.686	ng	98
71) Phenanthrene	17.46	178	91100	4.534	ng	99
75) Fluoranthene	19.47	202	218477	9.017	ng	99
78) Pyrene	19.83	202	204740	8.127	ng	97
81) Benzo(a)anthracene	21.68	228	121348	4.826	ng	98
83) Chrysene	21.74	228	120464	5.008	ng	96
84) Bis(2-ethylhexyl)phthalate	21.58	149	55354	3.976	ng	97
86) Indeno(1,2,3-cd)pyrene	28.63	276	88930	2.769	ng	# 93
88) Benzo(b)fluoranthene	23.91	252	179730	6.758	ng	# 95
89) Benzo(k)fluoranthene	23.97	252	54957m	2.114	ng	
90) Benzo(a)pyrene	24.78	252	121659	4.774	ng	# 94
92) Benzo(a,h,i)perylene	29.79	276	88649	3.499	ng	96

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

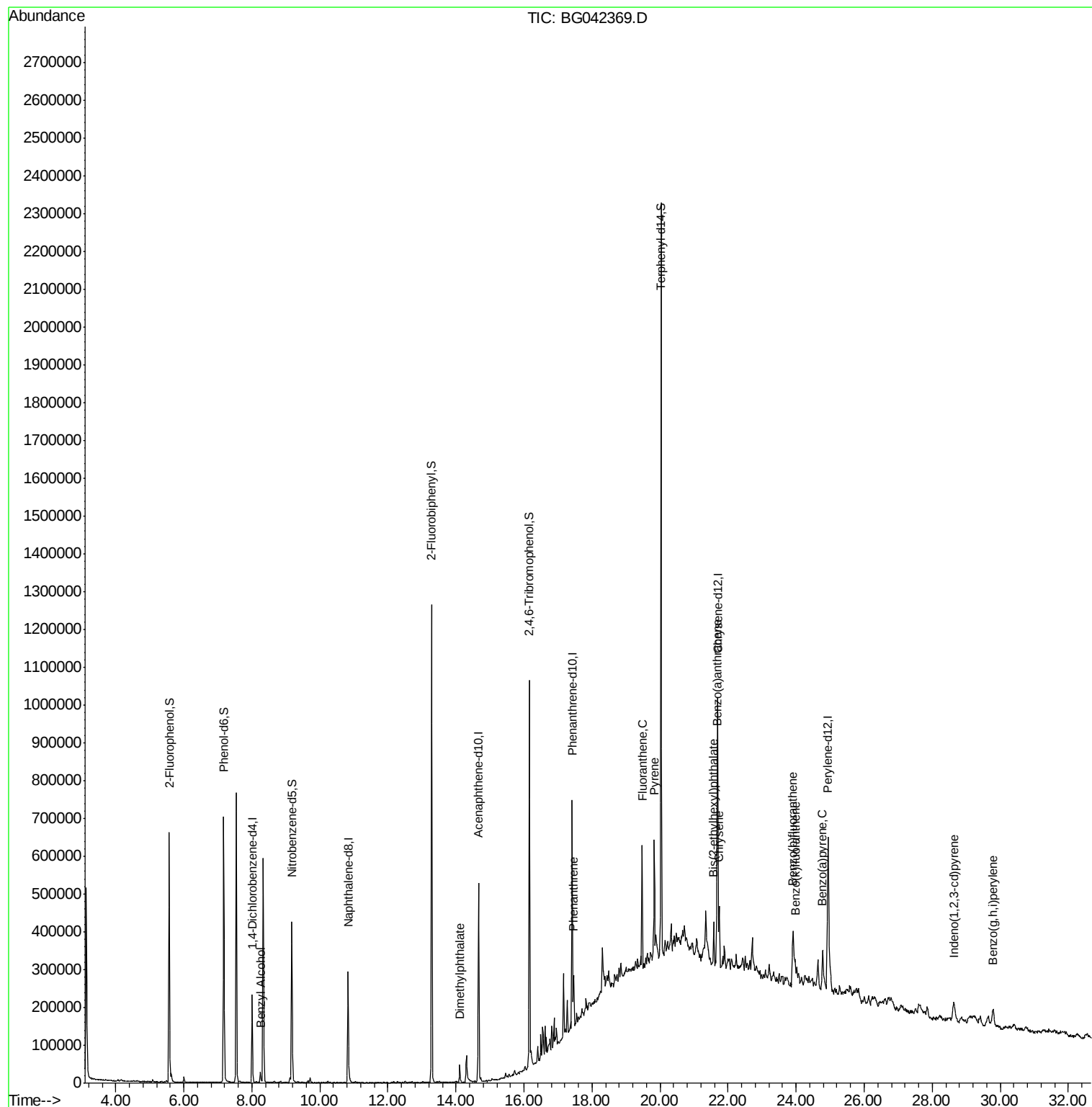
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
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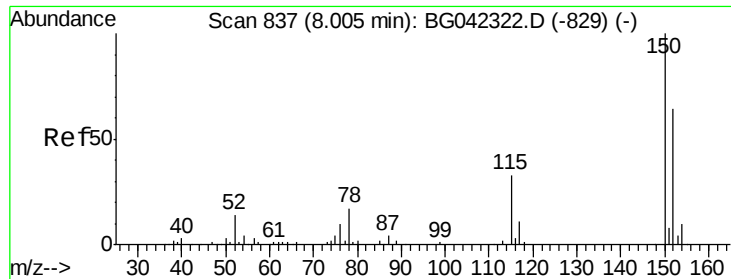
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
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#1

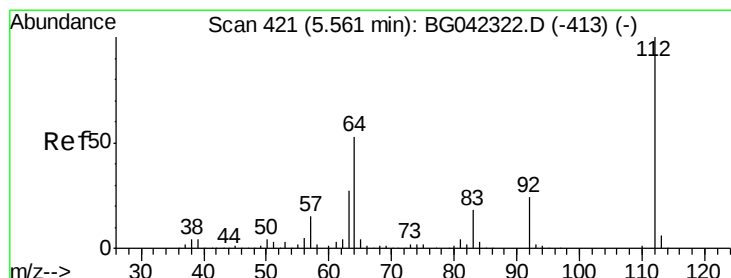
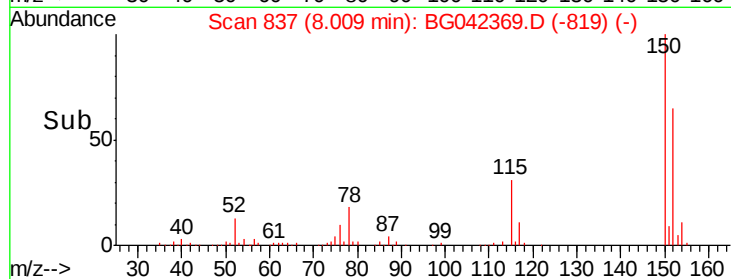
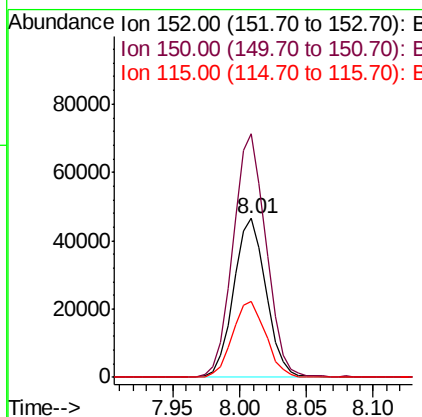
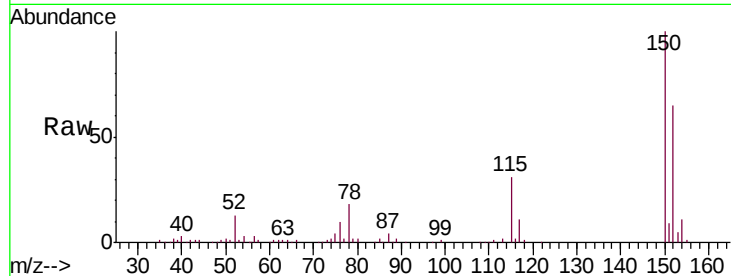
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042369.D
Acq: 20 Aug 2019 22:31

Instrument :
BNA_G
ClientSampleId :
T4-D-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.3	186.5
115	48.1	40.5	60.7

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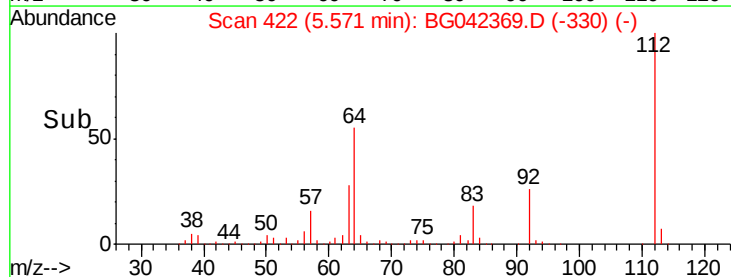
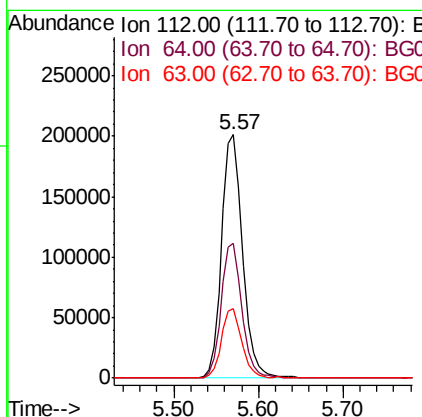
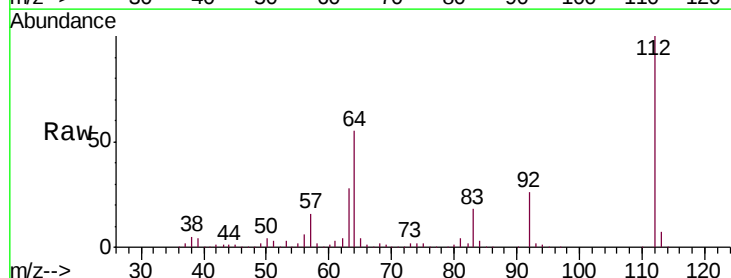
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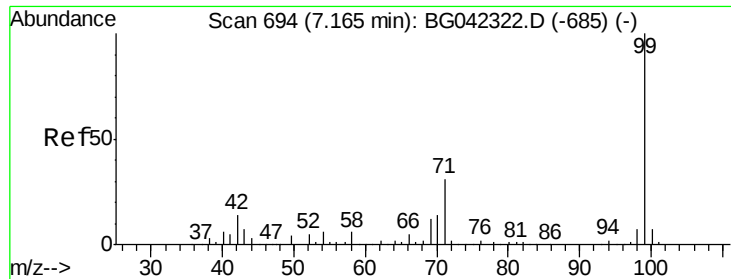


#5

2-Fluorophenol
Concen: 89.767 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042369.D
Acq: 20 Aug 2019 22:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	42.5	63.7
63	28.4	21.7	32.5





#7

Phenol-d6

Concen: 93.474 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042369.D

Acq: 20 Aug 2019 22:31

Instrument :

BNA_G

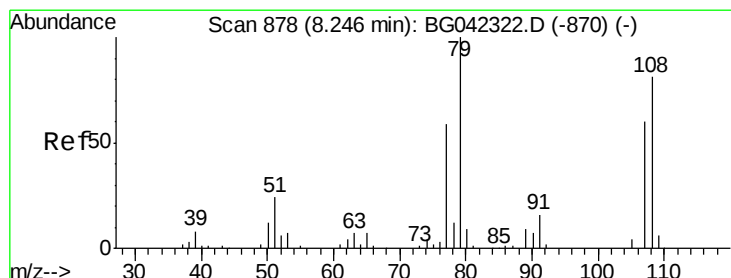
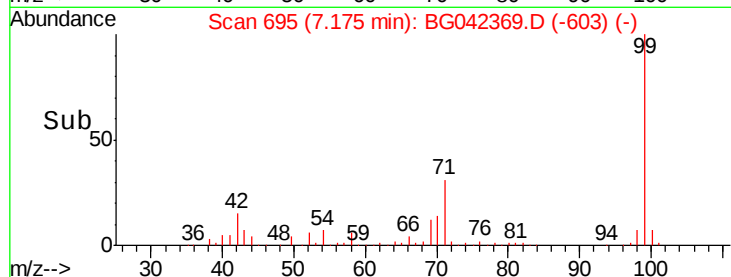
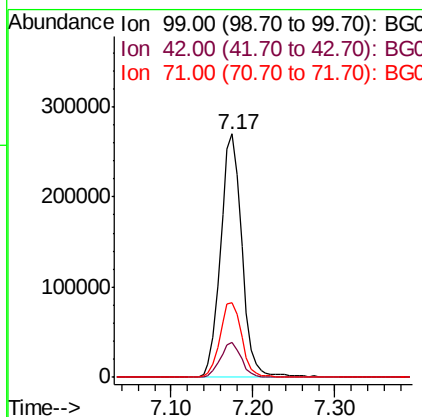
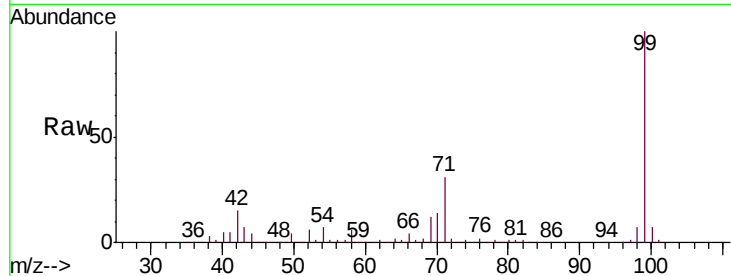
ClientSampleId :

T4-D-(0-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		491192		
42	14.5	11.4	17.0		
71	30.7	25.1	37.7		

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#15

Benzyl Alcohol

Concen: 3.173 ng

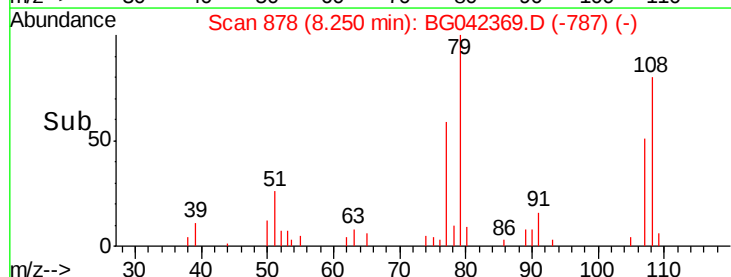
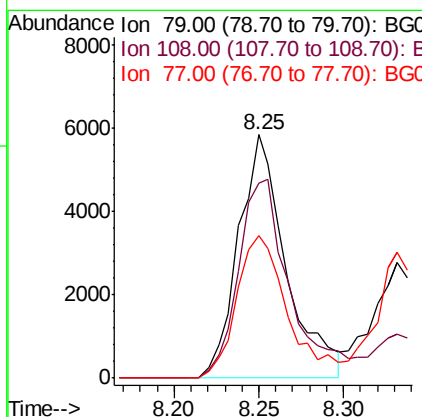
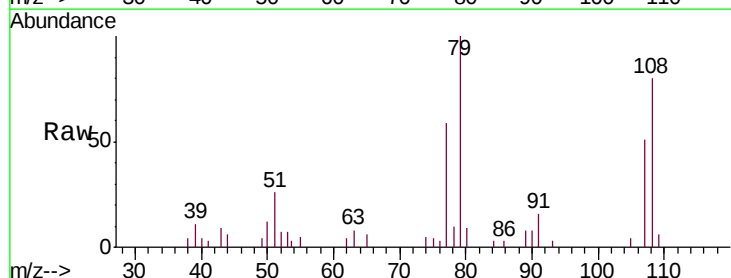
RT: 8.25 min Scan# 878

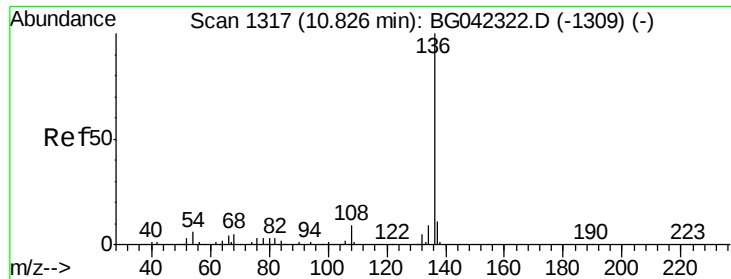
Delta R.T. 0.00 min

Lab File: BG042369.D

Acq: 20 Aug 2019 22:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
79	100		11469		
108	80.0	64.8	97.2		
77	58.7	47.6	71.4		





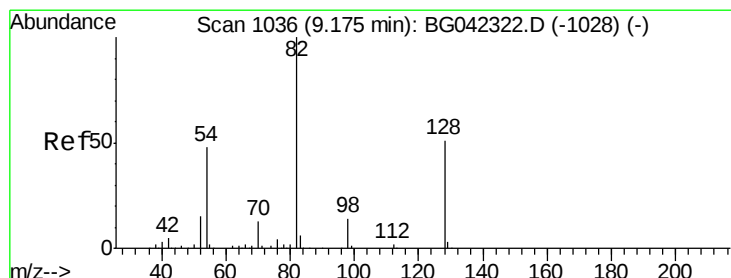
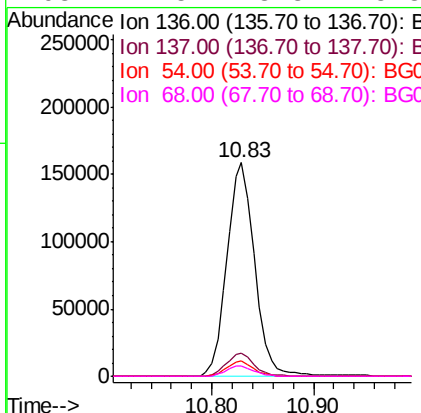
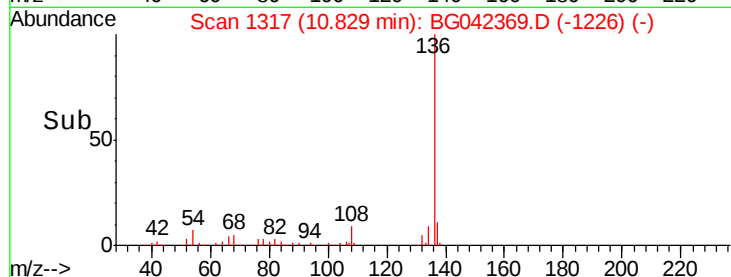
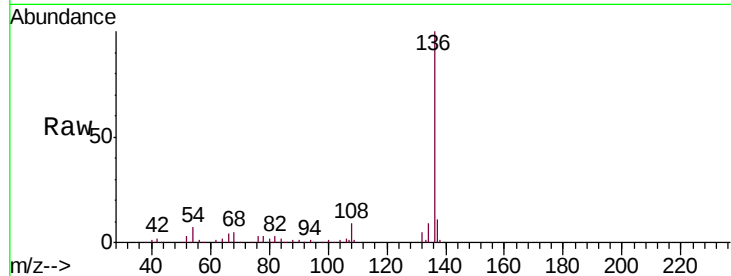
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG042369.D
Acq: 20 Aug 2019 22:31

Instrument :
BNA_G
ClientSampleId :
T4-D-(0-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		301111		
137	11.0	8.4	12.6		
54	7.0	5.0	7.4		
68	4.5	3.8	5.8		

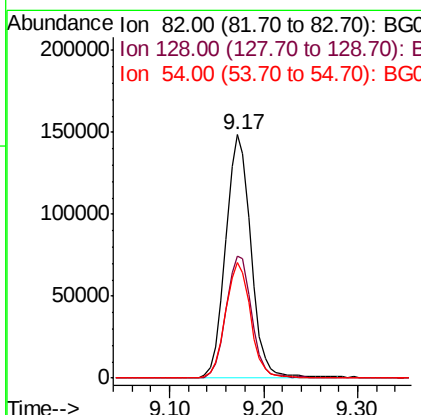
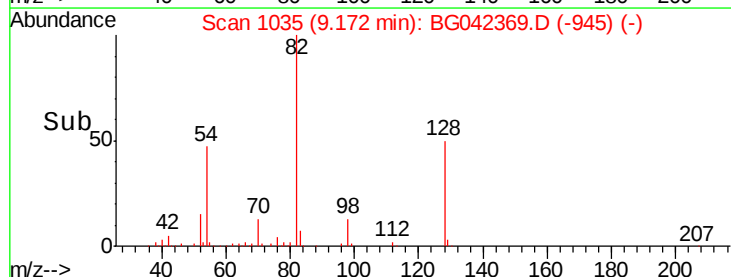
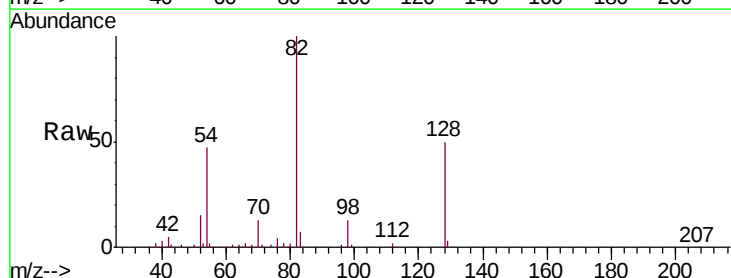
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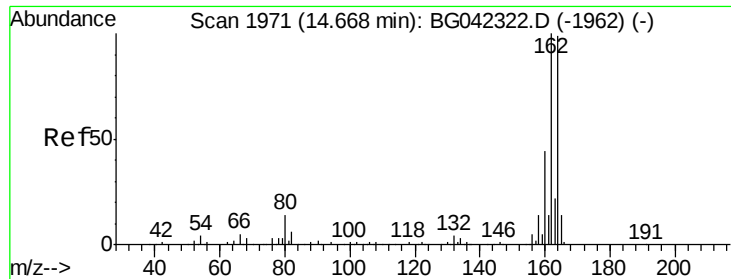
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#23
Nitrobenzene-d5
Concen: 64.891 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042369.D
Acq: 20 Aug 2019 22:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		277813		
128	50.0	41.0	61.4		
54	47.2	38.0	57.0		





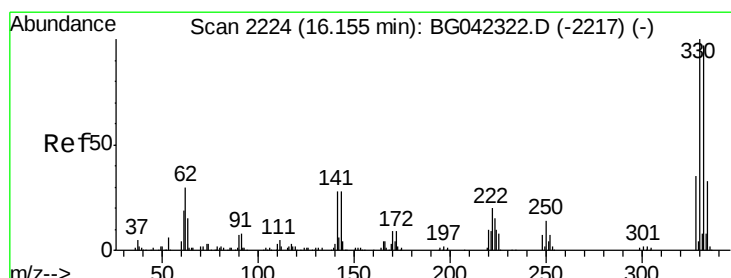
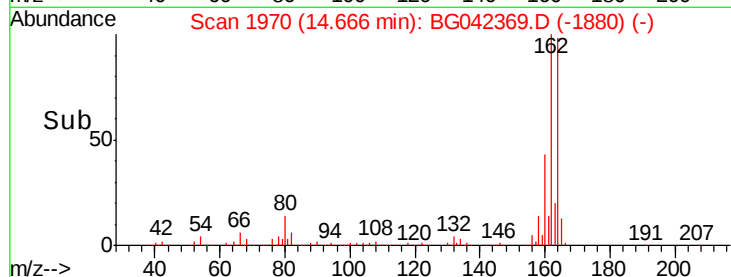
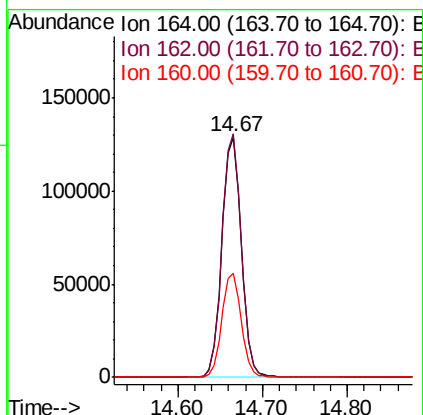
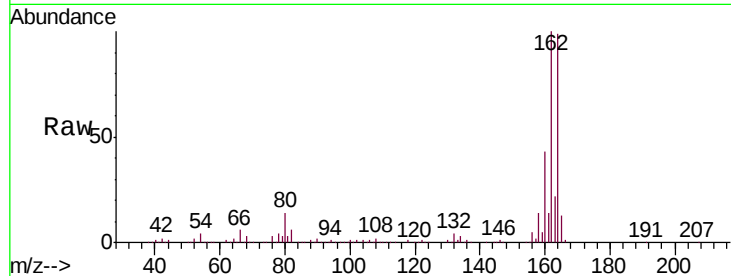
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042369.D
Acq: 20 Aug 2019 22:31

Instrument :
BNA_G
ClientSampleId :
T4-D-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	206896		
162	101.4	80.6	120.8	
160	43.5	35.7	53.5	

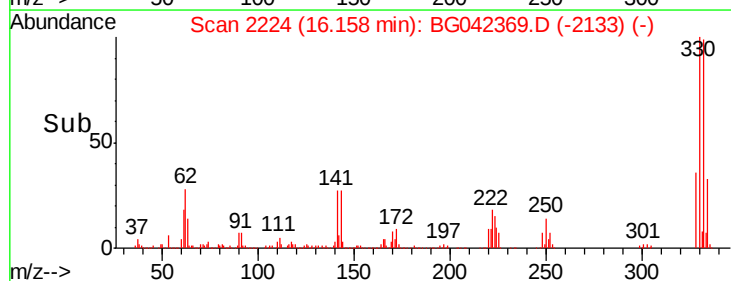
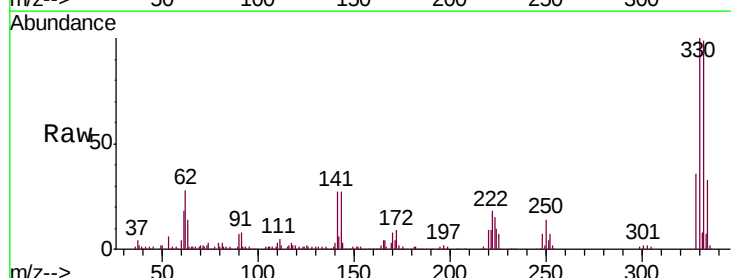
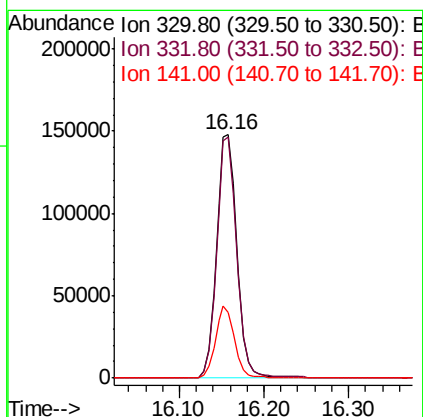
Manual Integrations
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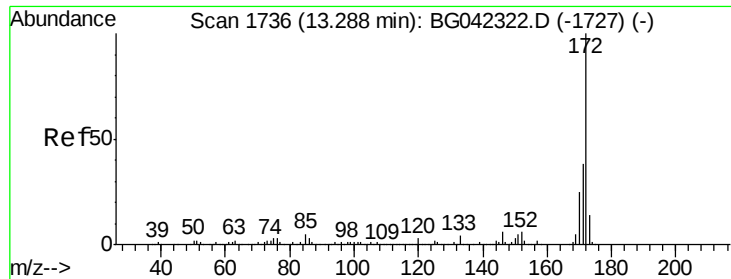
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#42
2,4,6-Tribromophenol
Concen: 88.859 ng
RT: 16.16 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BG042369.D
Acq: 20 Aug 2019 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	250393		
332	97.3	76.9	115.3	
141	28.1	21.8	32.6	





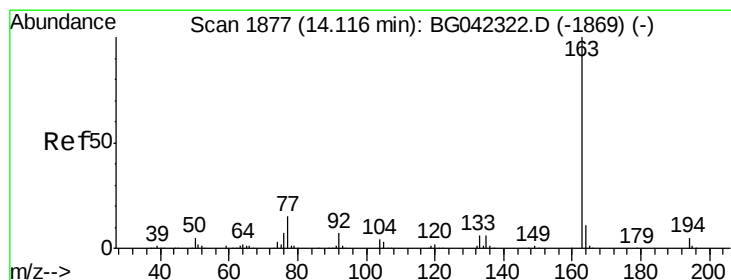
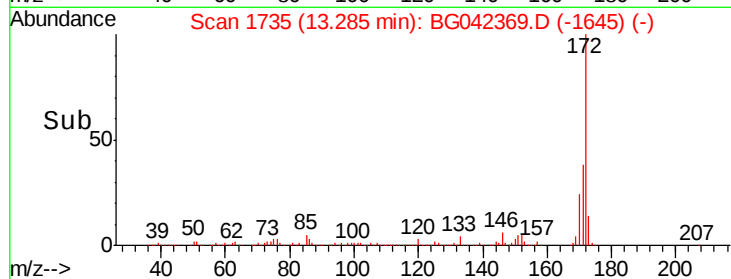
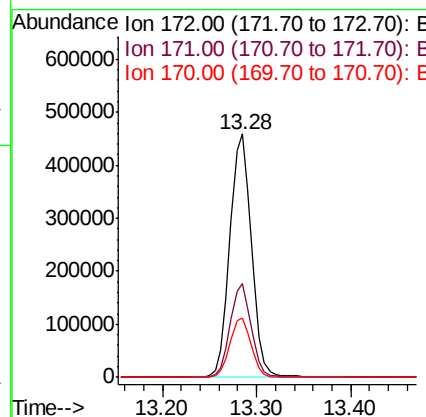
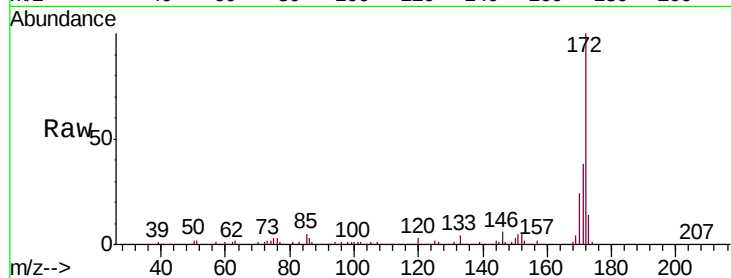
#45
2-Fluorobiphenyl
Concen: 60.184 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042369.D
Acq: 20 Aug 2019 22:31

Instrument :
BNA_G
ClientSampleId :
T4-D-(0-2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.3	45.5
170	24.4	20.0	30.0

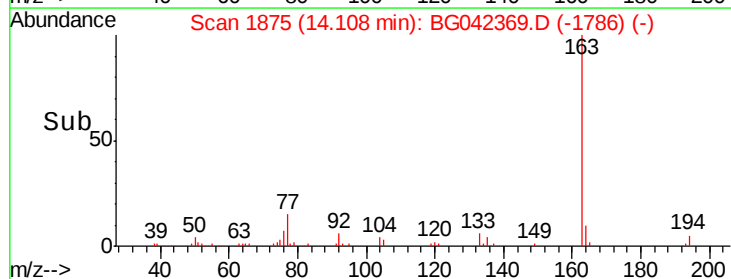
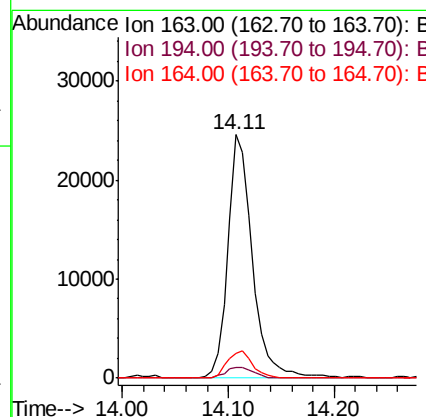
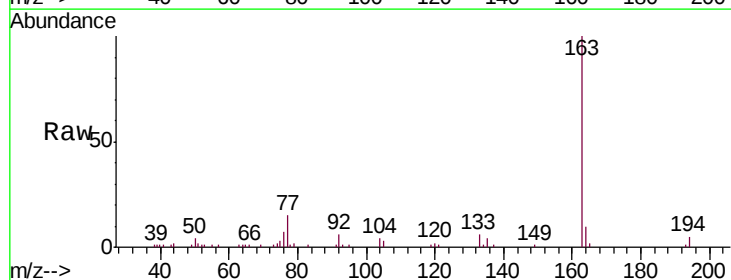
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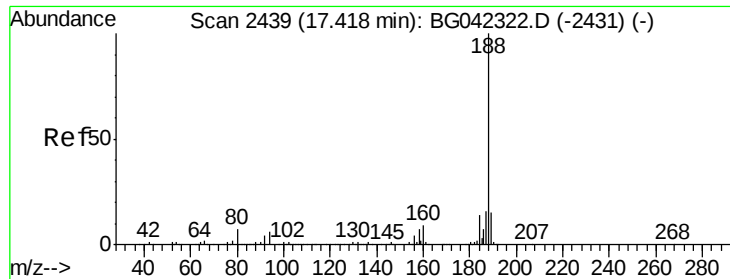
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#50
Dimethylphthalate
Concen: 2.686 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042369.D
Acq: 20 Aug 2019 22:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	4.2	6.2
164	10.2	8.8	13.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG042369.D

Acq: 20 Aug 2019 22:31

Instrument :

BNA_G

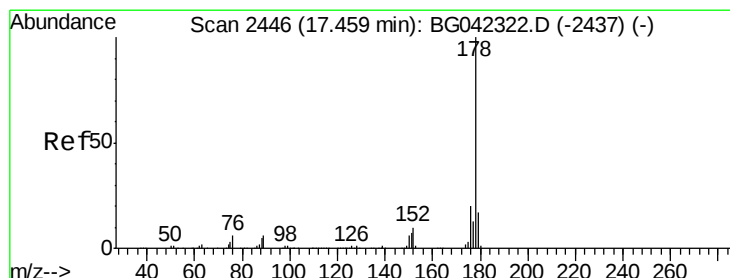
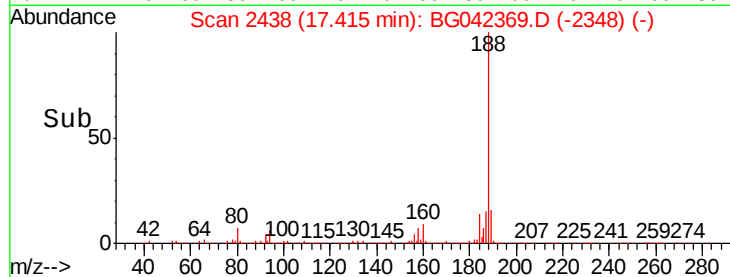
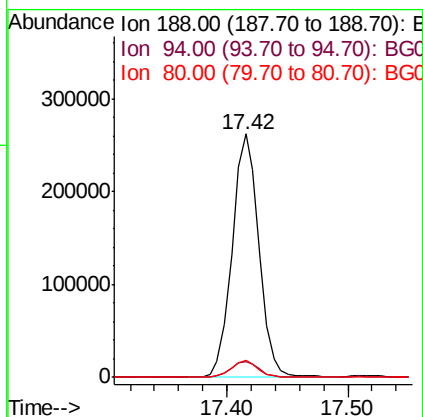
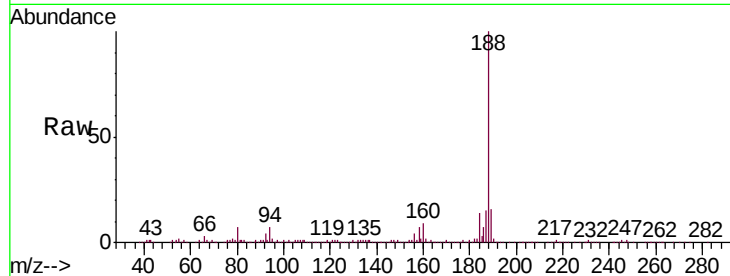
ClientSampleId :

T4-D-(0-2)

Tot Ion:	188	Resp:	403435
Ion Ratio	Lower	Upper	
188	100		
94	6.6	4.9	7.3
80	6.8	5.4	8.0

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#71

Phenanthrene

Concen: 4.534 ng

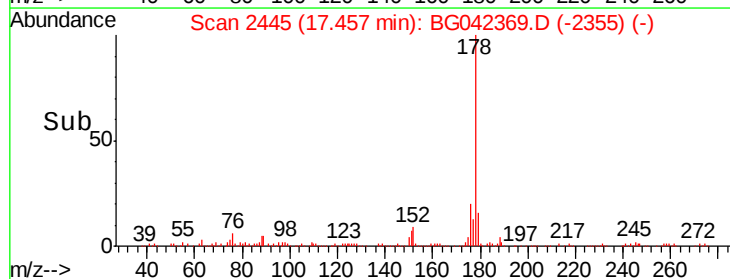
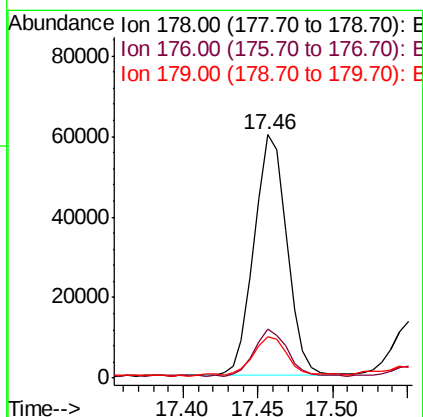
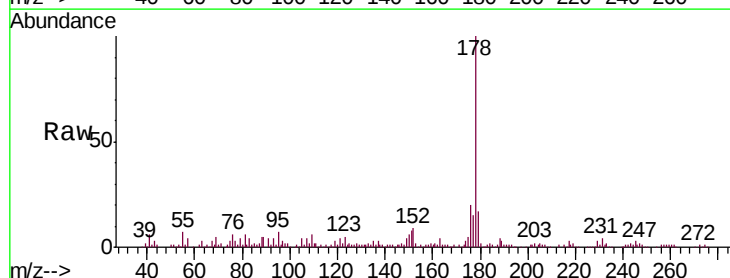
RT: 17.46 min Scan# 2445

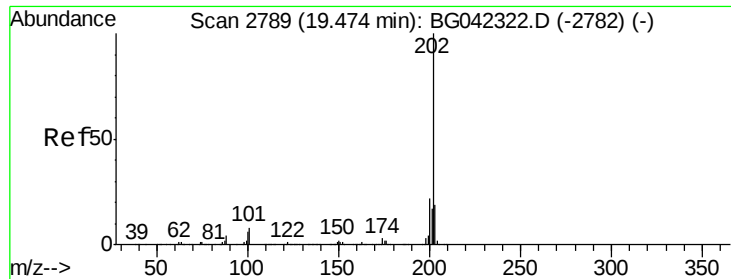
Delta R.T. -0.00 min

Lab File: BG042369.D

Acq: 20 Aug 2019 22:31

Tgt Ion:	178	Resp:	91100
Ion Ratio	Lower	Upper	
178	100		
176	20.1	16.2	24.4
179	16.8	13.7	20.5





#75

Fluoranthene

Concen: 9.017 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042369.D

Acq: 20 Aug 2019 22:31

Instrument :

BNA_G

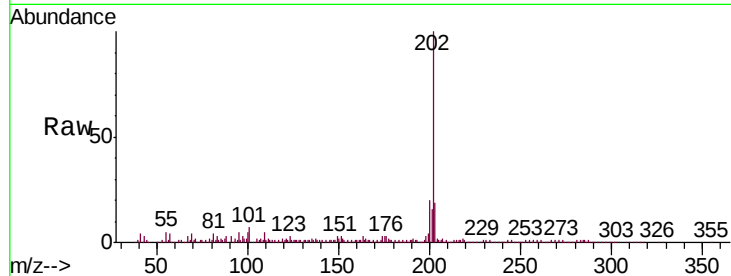
ClientSampleId :

T4-D-(0-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		218477		
101	7.4	0.0	28.0		
203	18.7	0.0	39.1		

Manual Integrations
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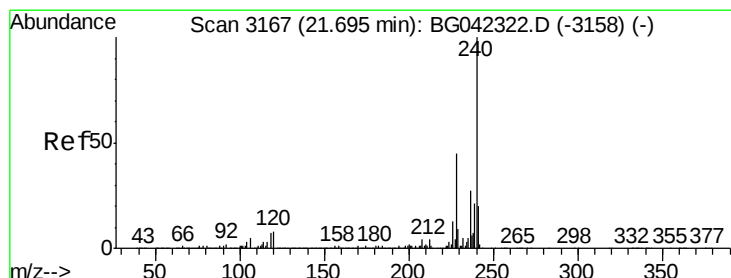
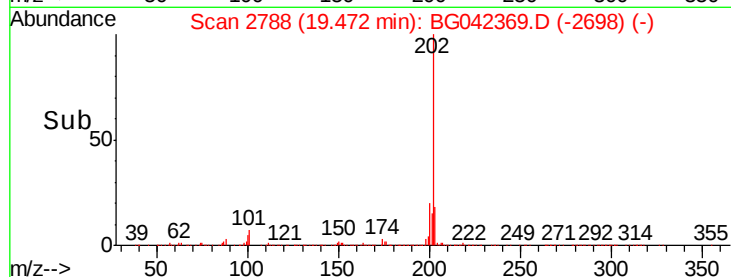
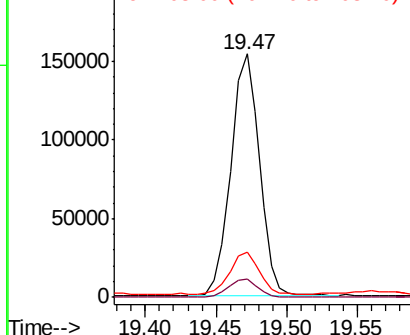


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

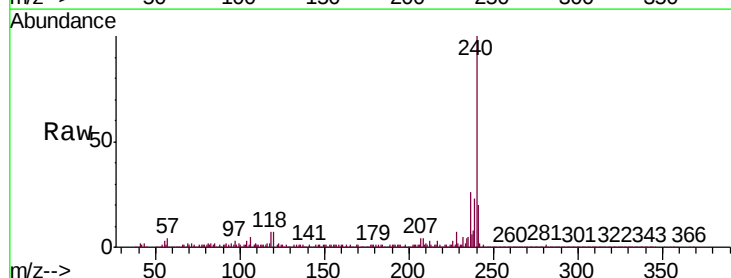
RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG042369.D

Acq: 20 Aug 2019 22:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		409437		
120	7.3	6.0	9.0		
236	25.6	21.6	32.4		

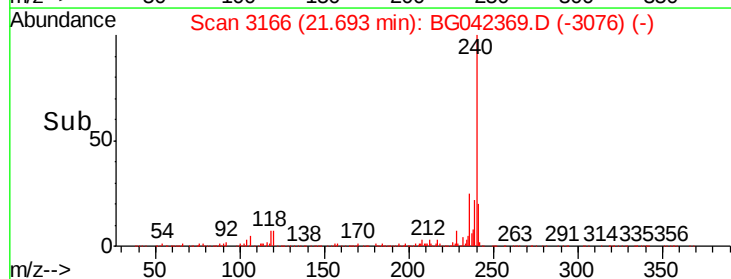
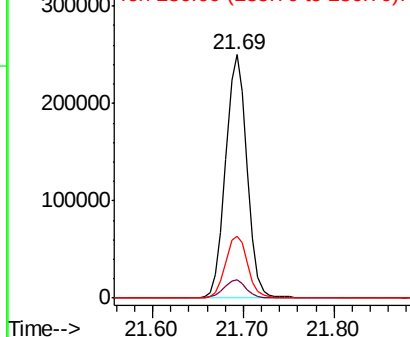


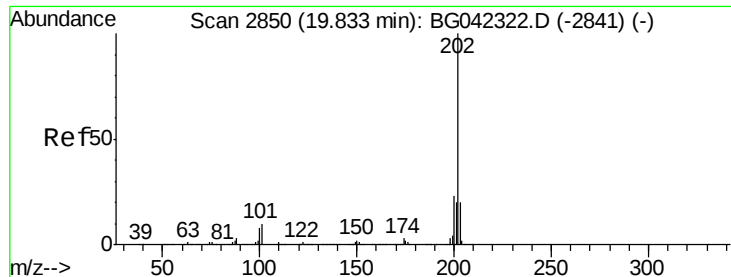
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





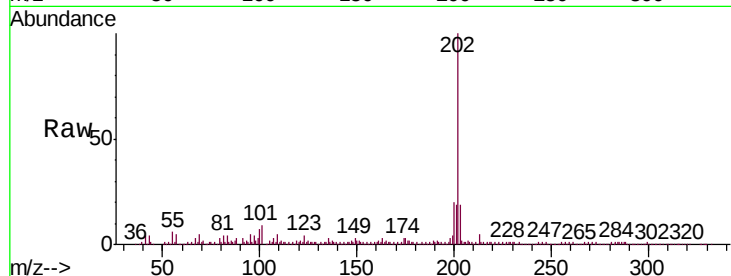
#78
Pvrene
Concen: 8.127 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG042369.D
Acq: 20 Aug 2019 22:31

Instrument :
BNA_G
ClientSampleId :
T4-D-(0-2)

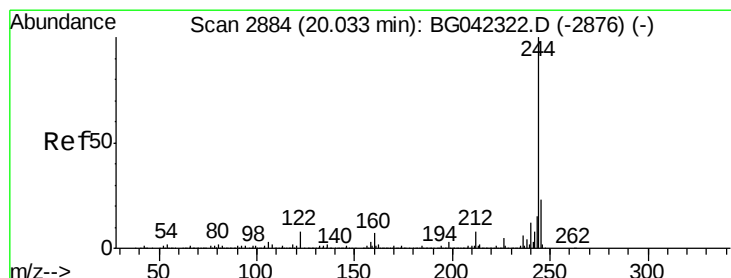
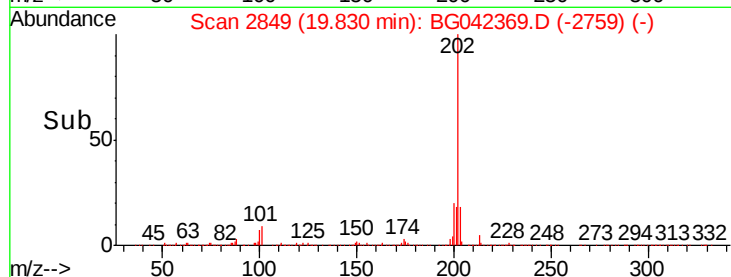
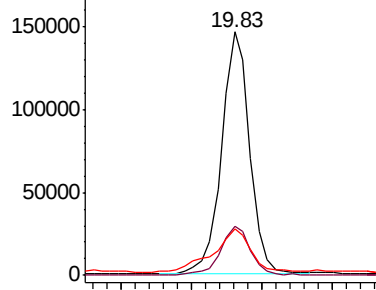
Tot Ion:	202	Resp:	204740
Ion Ratio	Lower	Upper	
202	100		
200	20.2	18.1	27.1
203	19.0	15.8	23.8

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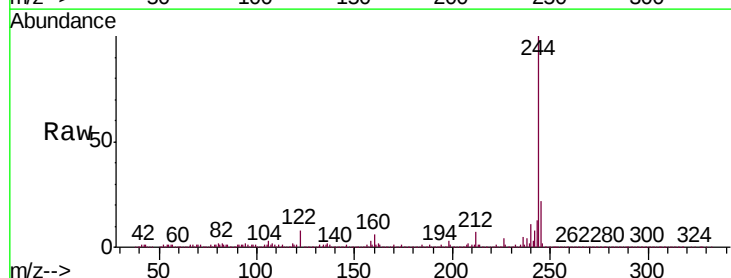


Abundance Ion 202.00 (201.70 to 202.70): E
200000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

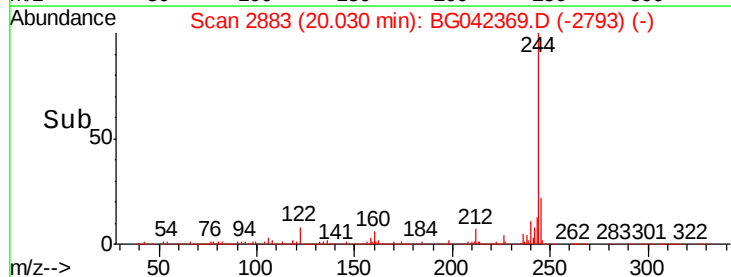
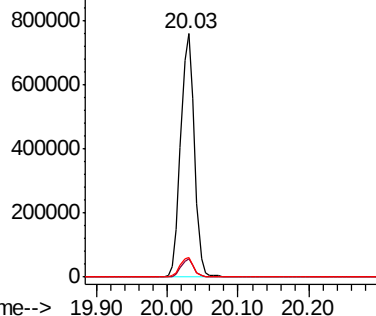


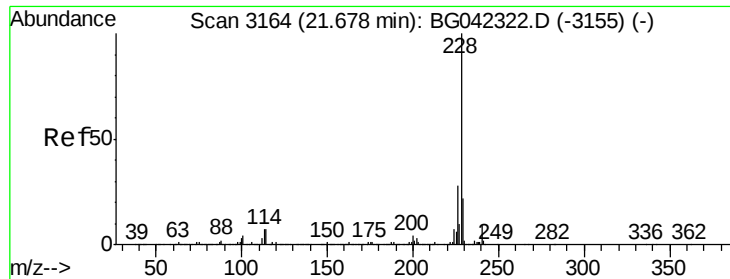
#79
Terphenyl-d14
Concen: 54.700 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BG042369.D
Acq: 20 Aug 2019 22:31

Tgt Ion:	244	Resp:	1022524
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.4	9.6
122	7.8	6.6	10.0



Abundance Ion 244.00 (243.70 to 244.70): E
1000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





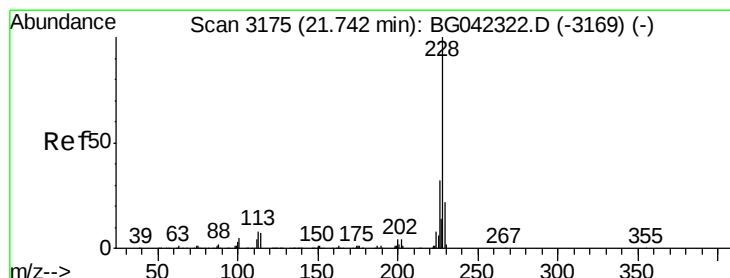
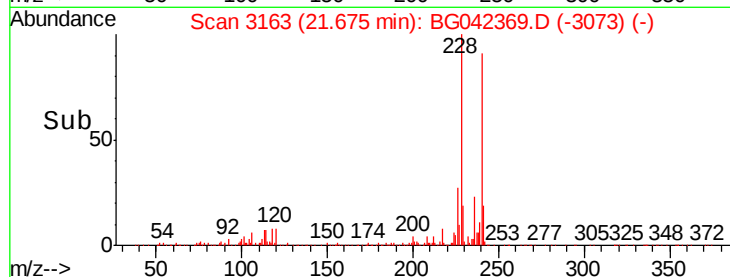
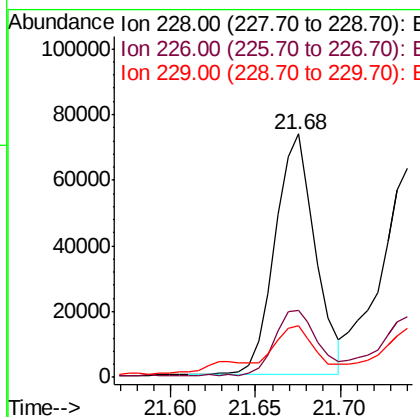
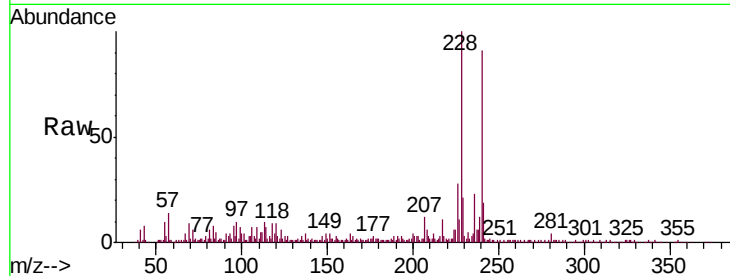
#81
Benzo(a)anthracene
Concen: 4.826 ng
RT: 21.68 min Scan# 3163
Delta R.T. -0.00 min
Lab File: BG042369.D
Acq: 20 Aug 2019 22:31

Instrument :
BNA_G
ClientSampleId :
T4-D-(0-2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.7	34.1
229	21.0	17.4	26.2

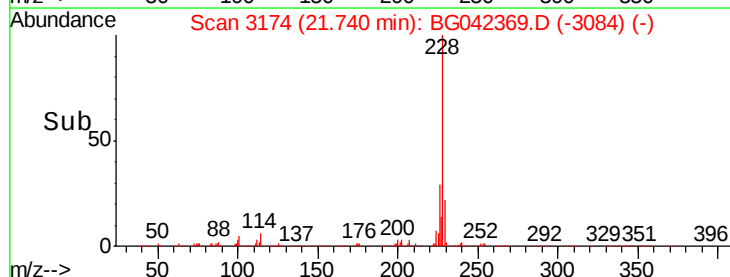
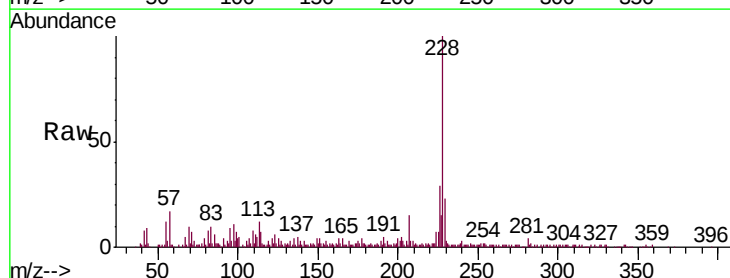
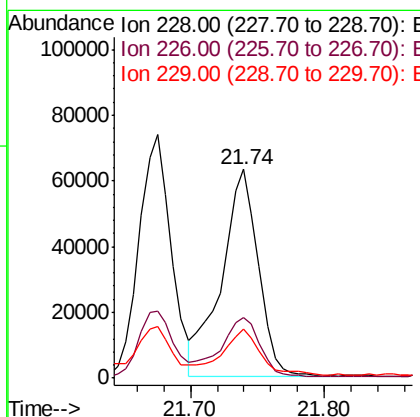
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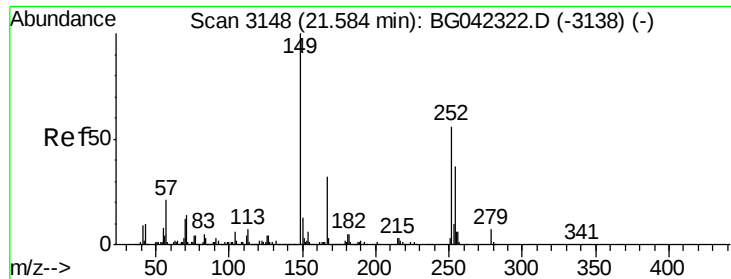
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#83
Chrysene
Concen: 5.008 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG042369.D
Acq: 20 Aug 2019 22:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.6	38.4
229	23.4	17.8	26.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.976 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG042369.D

Acq: 20 Aug 2019 22:31

Instrument :

BNA_G

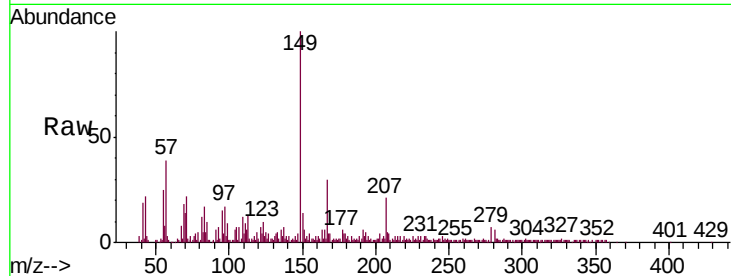
ClientSampled :

T4-D-(0-2)

Tot Ion:	149	Resp:	55354
Ion Ratio	Lower	Upper	
149	100		
167	29.8	25.4	38.0
279	6.7	5.8	8.6

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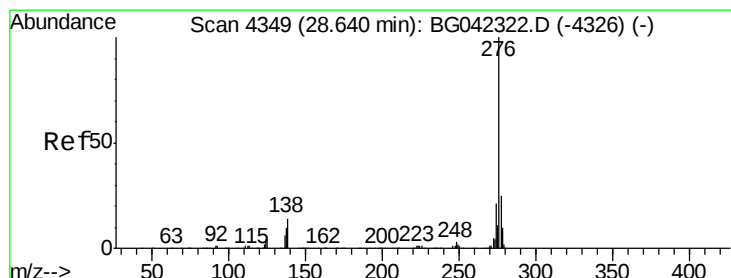
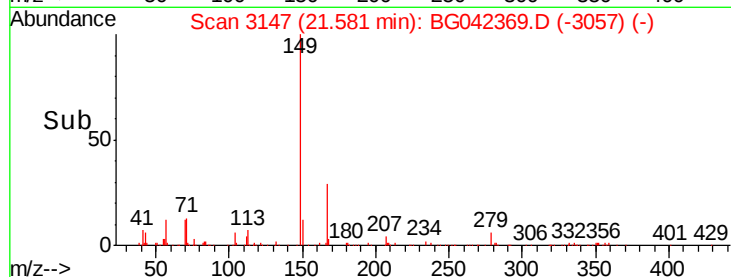
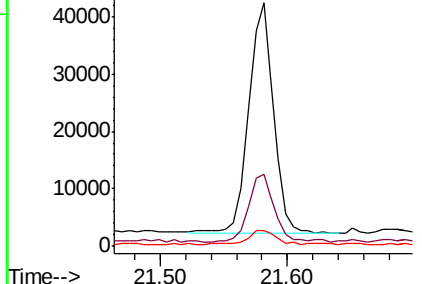
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.769 ng

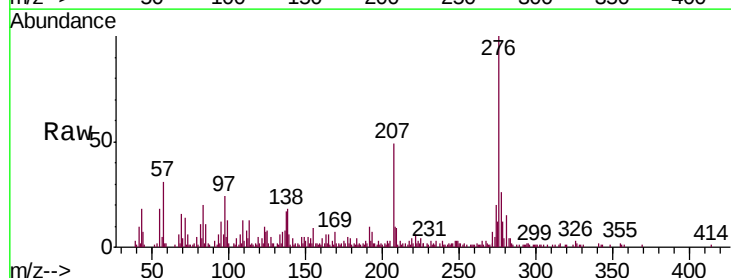
RT: 28.63 min Scan# 4347

Delta R.T. -0.01 min

Lab File: BG042369.D

Acq: 20 Aug 2019 22:31

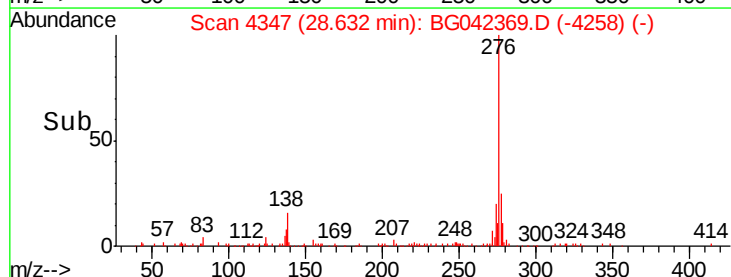
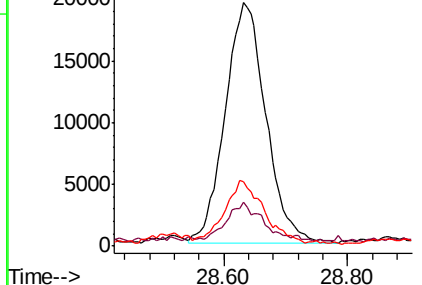
Tgt Ion:	276	Resp:	88930
Ion Ratio	Lower	Upper	
276	100		
138	12.3	14.5	21.7#
277	24.8	21.0	31.4

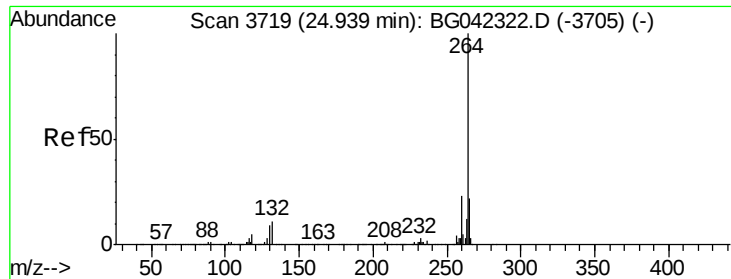


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BG042369.D

Acq: 20 Aug 2019 22:31

Instrument :

BNA_G

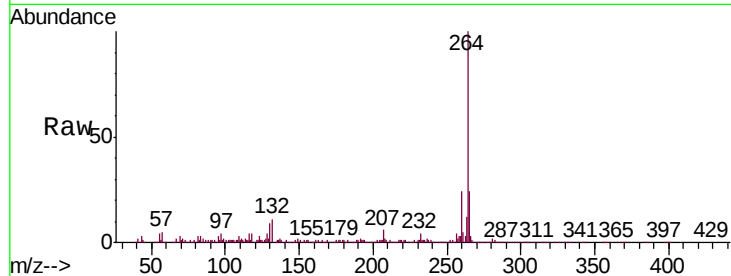
ClientSampleId :

T4-D-(0-2)

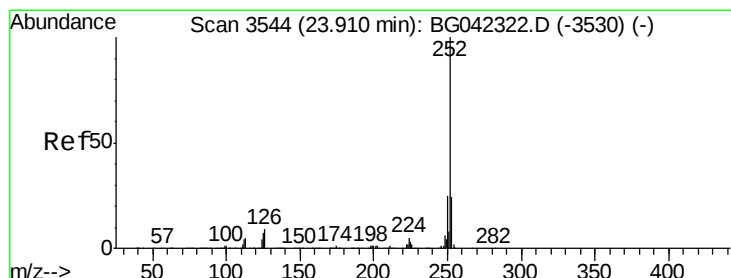
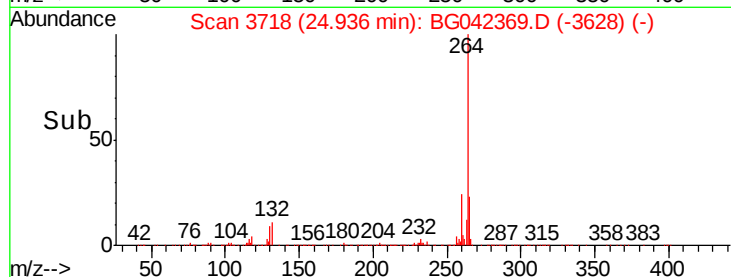
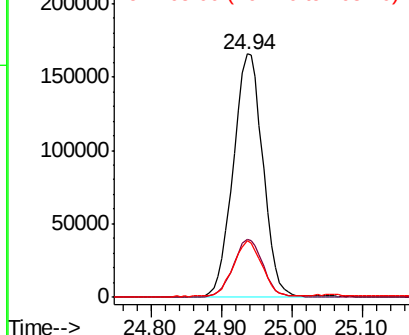
Tot Ion:	264	Resp:	483856
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.4	27.6
265	23.5	17.4	26.0

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 6.758 ng

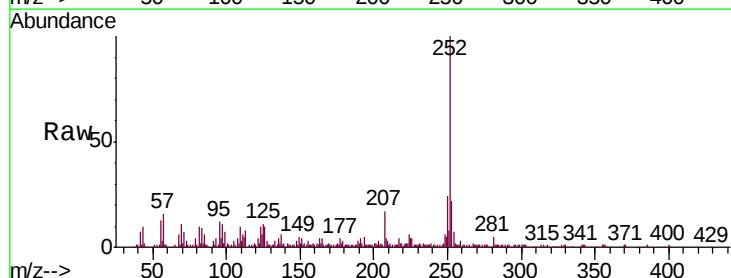
RT: 23.91 min Scan# 3543

Delta R.T. -0.00 min

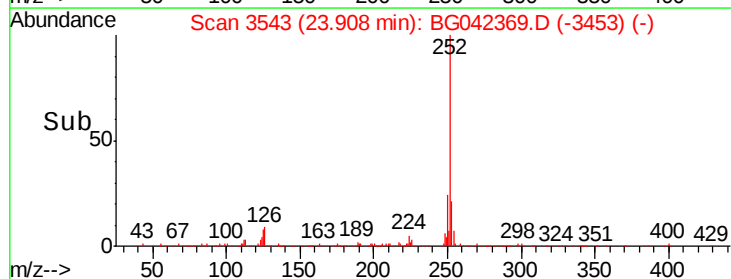
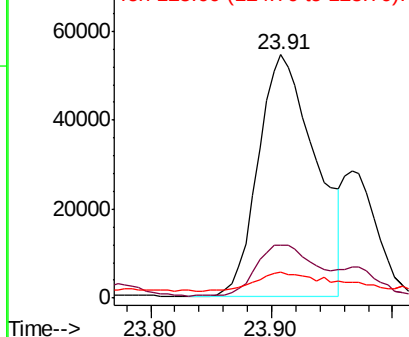
Lab File: BG042369.D

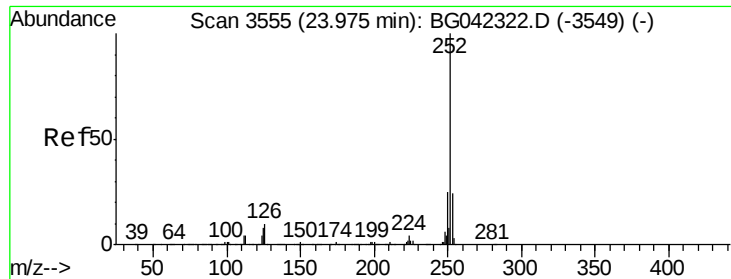
Acq: 20 Aug 2019 22:31

Tgt Ion:	252	Resp:	179730
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.9	28.3
125	10.8	5.8	8.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





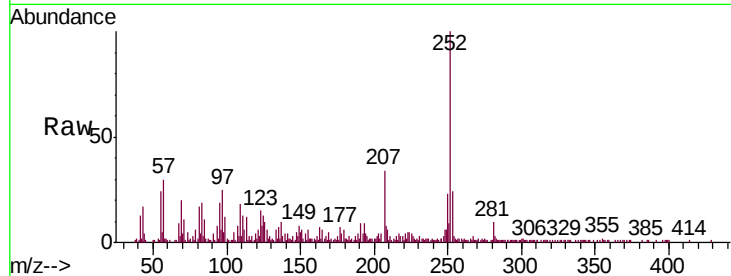
#89
Benzo(k)fluoranthene
Concen: 2.114 ng m
RT: 23.97 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG042369.D
Acq: 20 Aug 2019 22:31

Instrument :
BNA_G
ClientSampleId :
T4-D-(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.0	28.4
125	12.6	6.0	9.0

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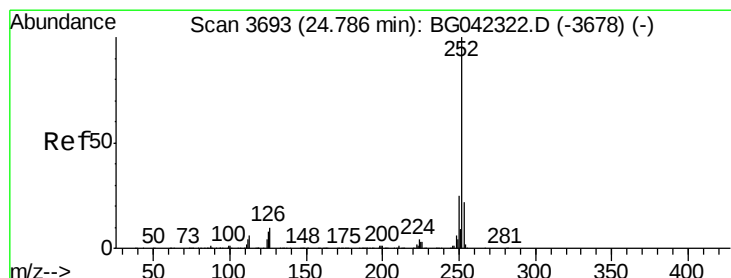
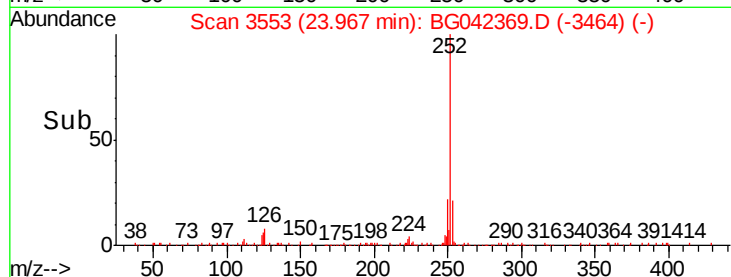
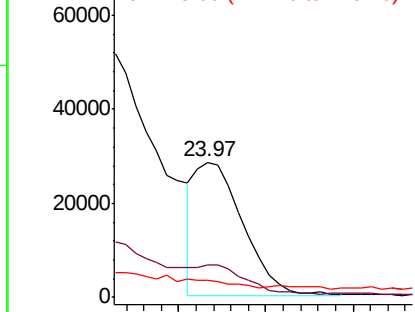


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 4.774 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BG042369.D
Acq: 20 Aug 2019 22:31

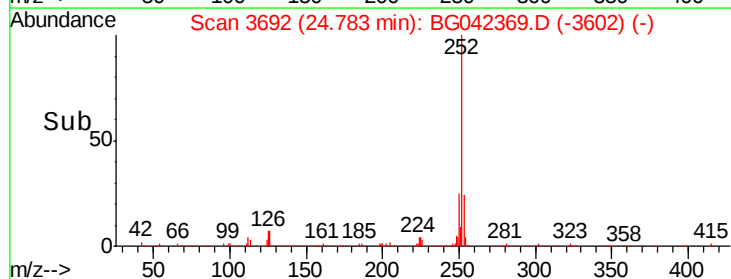
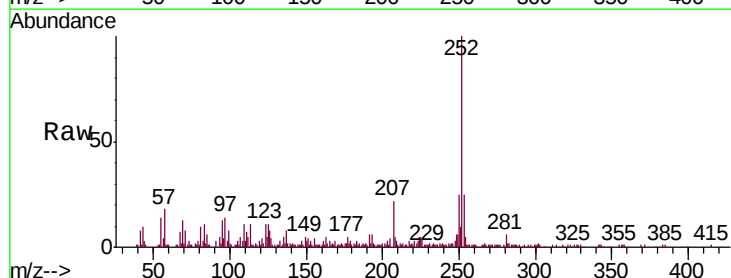
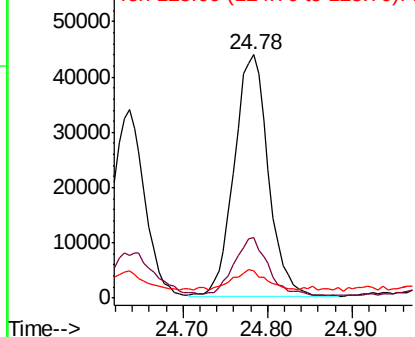
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.9	26.9
125	11.3	6.7	10.1

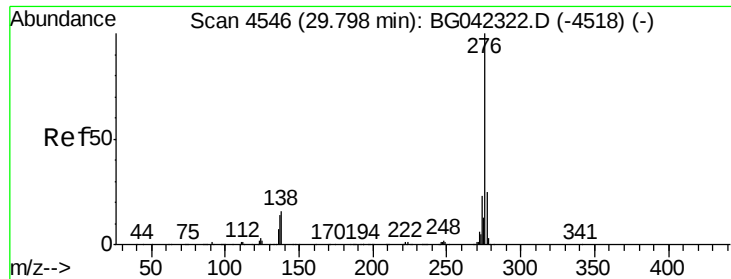
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 3.499 ng
 RT: 29.79 min Scan# 4544
 Delta R.T. -0.01 min
 Lab File: BG042369.D
 Acq: 20 Aug 2019 22:31

Instrument :
 BNA_G
 ClientSampleId :
 T4-D-(0-2)

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.3	19.8	29.8
138	14.5	12.8	19.2

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