

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
 Data File : BG045897.D
 Acq On : 30 Jun 2020 23:28
 Operator : CG/JU
 Sample : L2819-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-062620

Manual Integrations
 APPROVED

Sohil
 7/7/2020 8:17:14 AM

Quant Time: Jul 01 03:34:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 16:34:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	67880	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	263263	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	175281	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	351678	20.00	ng	0.00
76) Chrysene-d12	21.56	240	312955	20.00	ng	0.00
86) Perylene-d12	24.67	264	326162	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	388075	96.57	ng	0.00
7) Phenol-d6	7.12	99	559332	91.51	ng	0.00
23) Nitrobenzene-d5	9.06	82	378382	65.66	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	225865	85.35	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	845573	70.89	ng	0.00
79) Terphenyl-d14	19.92	244	1124459	72.82	ng	0.00
Target Compounds						
32) Benzoic acid	10.09	122	6936m	11.202	ng	Qvalue
50) Dimethylphthalate	14.00	163	82617	6.017	ng	97
75) Fluoranthene	19.35	202	82873	3.716	ng	98
78) Pyrene	19.72	202	73292	3.497	ng	96
81) Benzo(a)anthracene	21.54	228	42469	2.093	ng	96
83) Chrysene	21.60	228	46447m	2.367	ng	
88) Benzo(b)fluoranthene	23.70	252	66109	3.233	ng	# 90
90) Benzo(a)pyrene	24.52	252	42683	2.234	ng	# 92

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

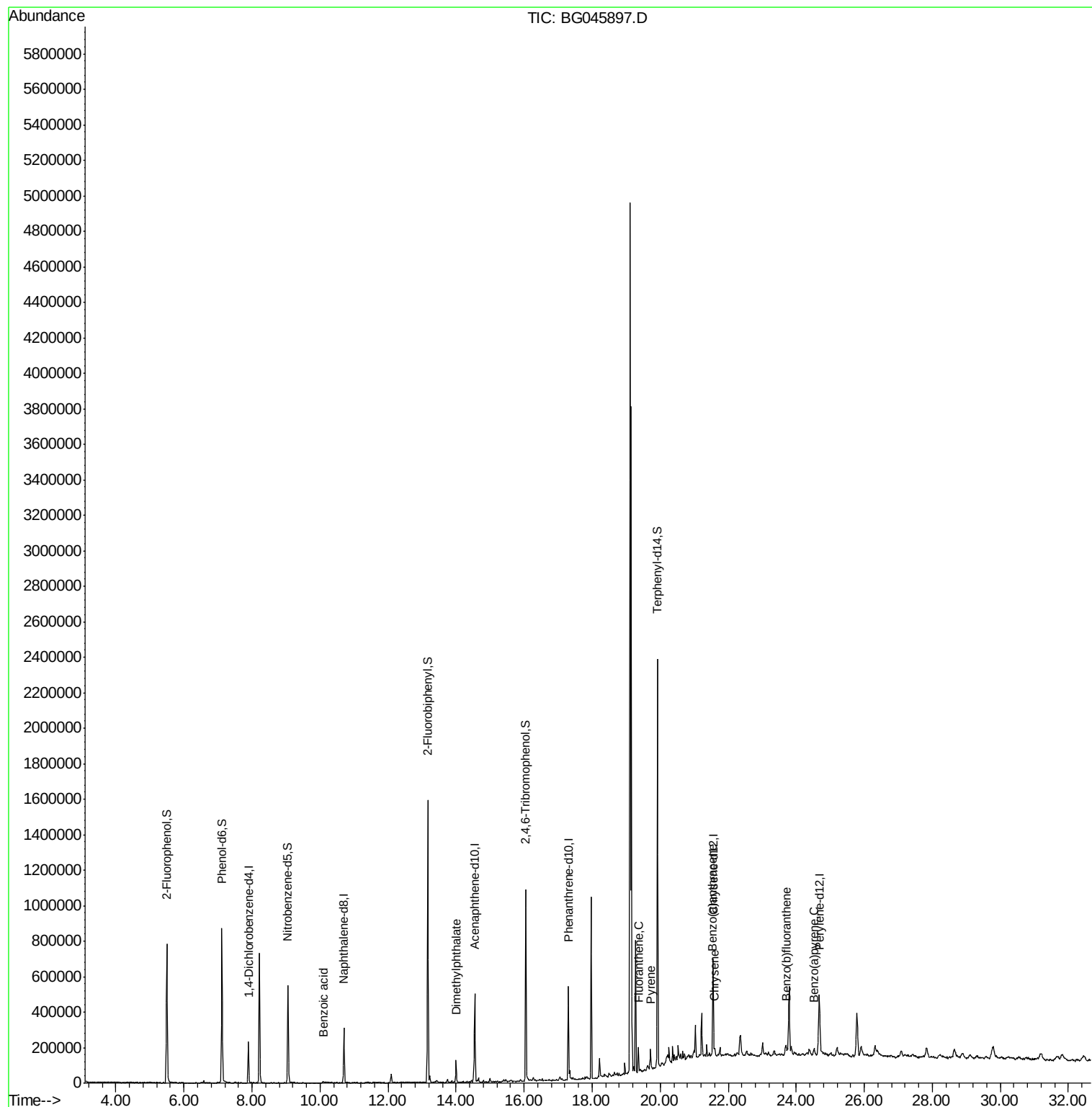
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045897.D
Acq On : 30 Jun 2020 23:28
Operator : CG/JU
Sample : L2819-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

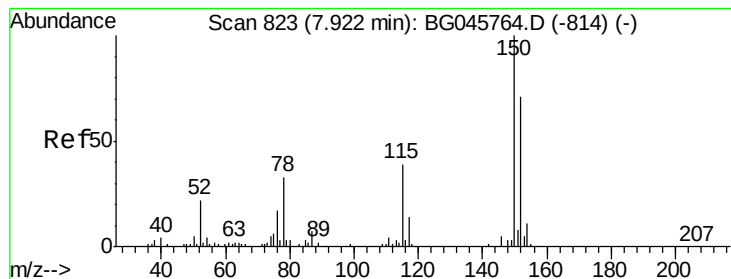
Instrument :
BNA_G
ClientSampleId :
BU-03-062620

Manual Integrations
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7/7/2020 8:17:14 AM

Quant Time: Jul 01 03:34:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 16:34:40 2020
Response via : Initial Calibration





#1

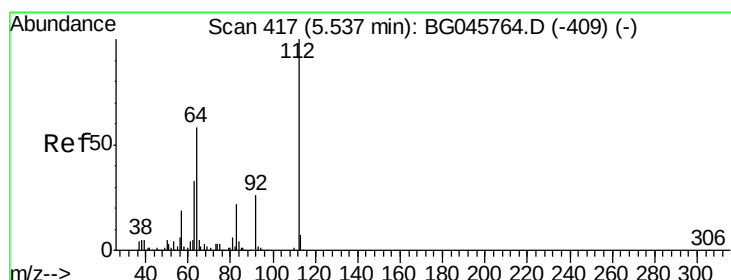
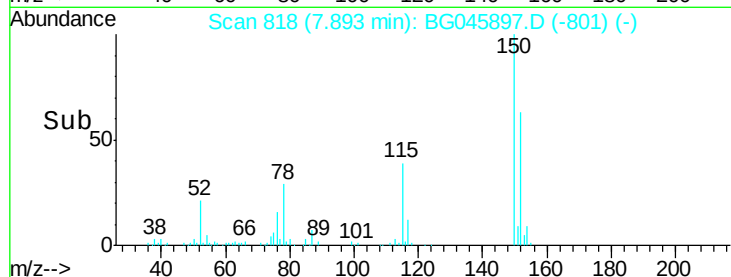
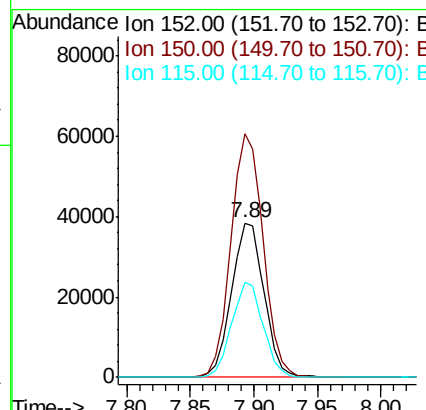
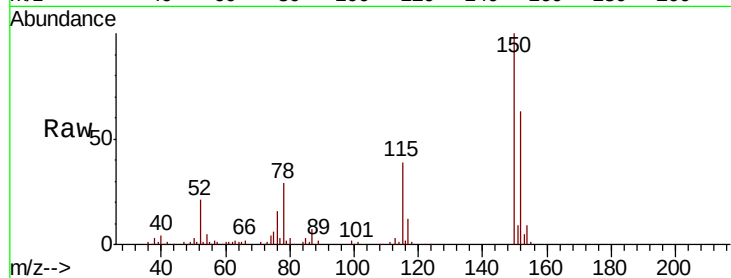
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG045897.D
Acq: 30 Jun 2020 23:28

Instrument :
BNA_G
ClientSampleId :
BU-03-062620

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	121.2	181.8
115	61.3	47.5	71.3

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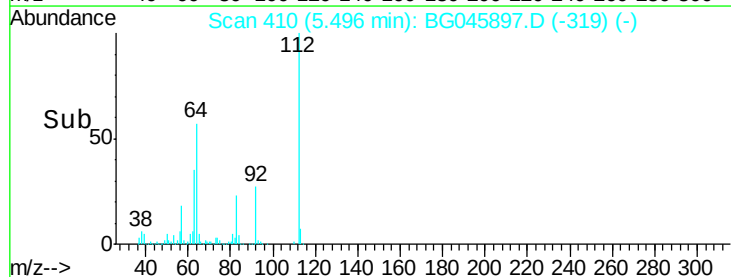
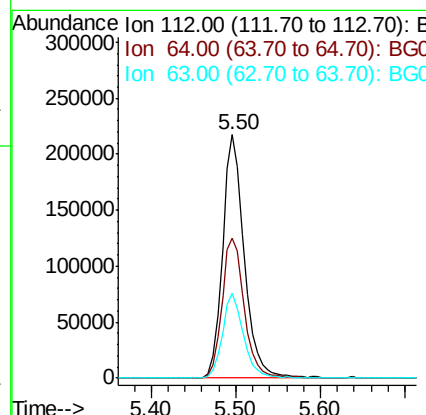
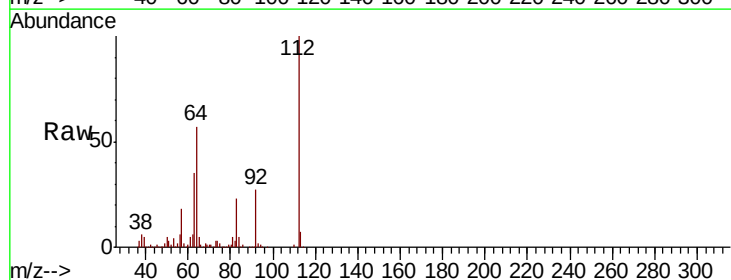
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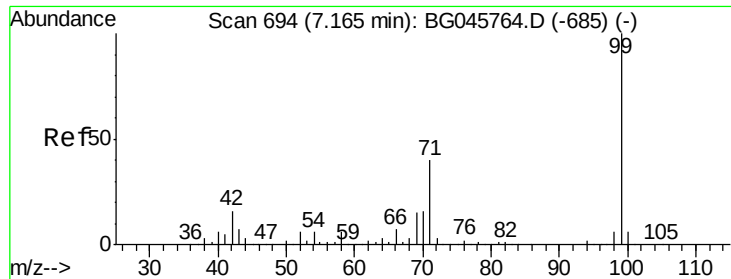


#5

2-Fluorophenol
Concen: 96.575 ng
RT: 5.50 min Scan# 410
Delta R.T. 0.00 min
Lab File: BG045897.D
Acq: 30 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	48.5	72.7
63	34.6	26.5	39.7





#7

Phenol-d6

Concen: 91.509 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG045897.D

Acq: 30 Jun 2020 23:28

Instrument :

BNA_G

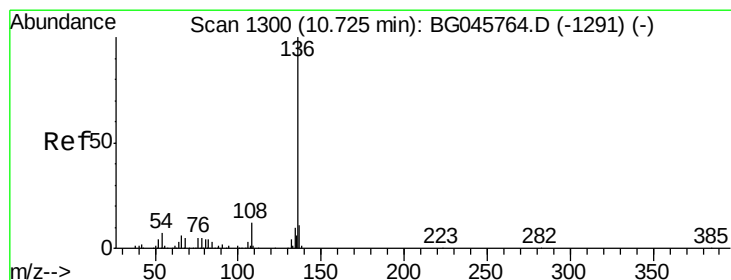
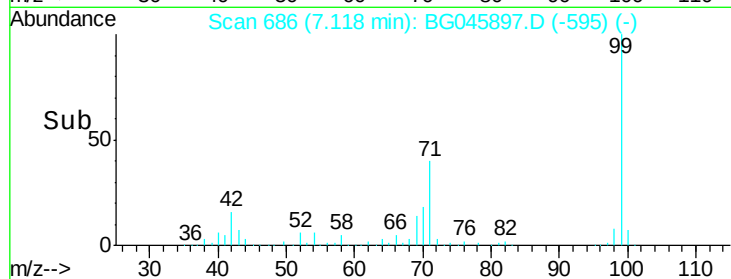
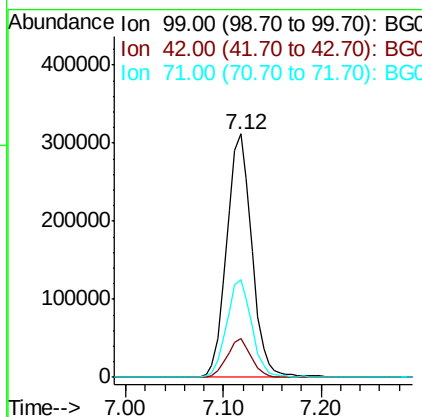
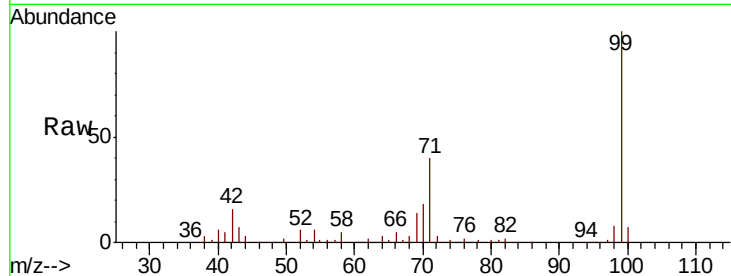
ClientSampleId :

BU-03-062620

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		559332		
42	15.8	12.0	18.0		
71	40.4	31.0	46.4		

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#21

Naphthalene-d8

Concen: 20.000 ng

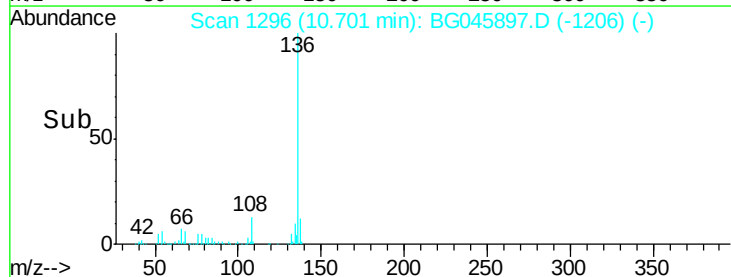
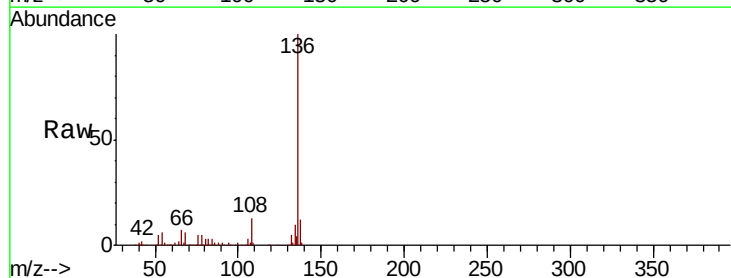
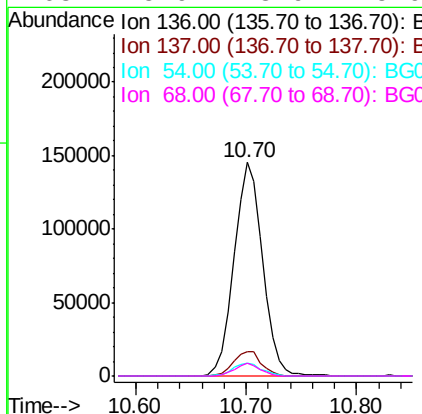
RT: 10.70 min Scan# 1296

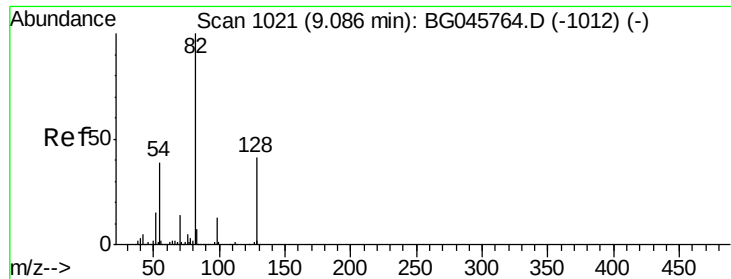
Delta R.T. -0.00 min

Lab File: BG045897.D

Acq: 30 Jun 2020 23:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		263263		
137	11.6	9.4	14.0		
54	5.9	4.9	7.3		
68	5.9	3.9	5.9#		





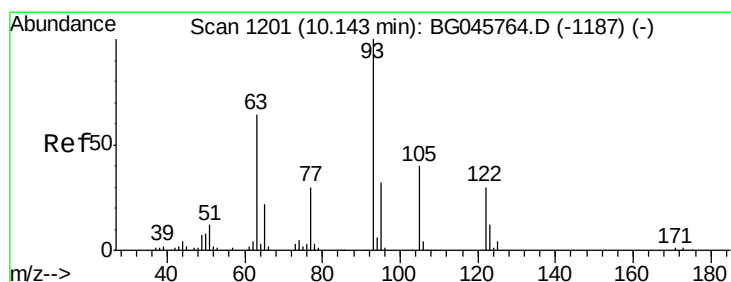
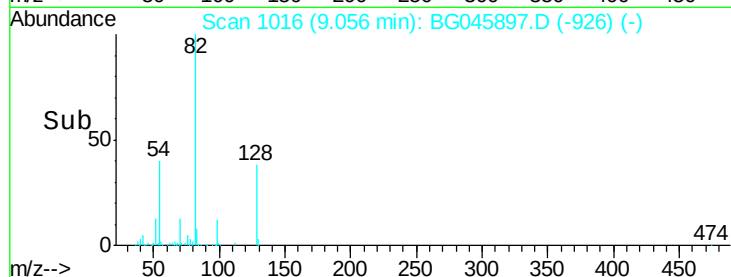
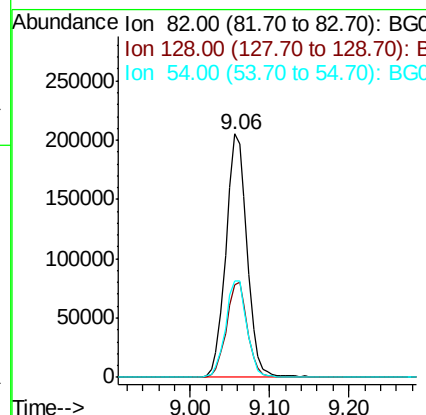
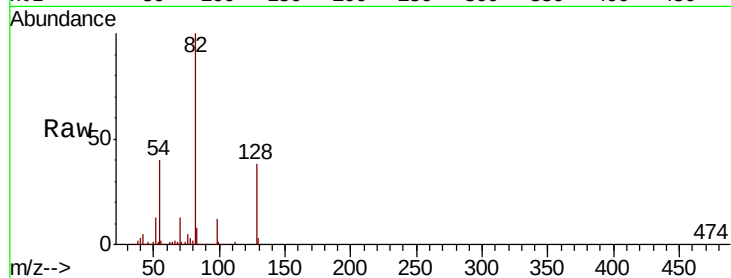
#23
Nitrobenzene-d5
Concen: 65.660 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG045897.D
Acq: 30 Jun 2020 23:28

Instrument :
BNA_G
ClientSampleId :
BU-03-062620

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.8	31.3	46.9
54	39.5	32.6	49.0

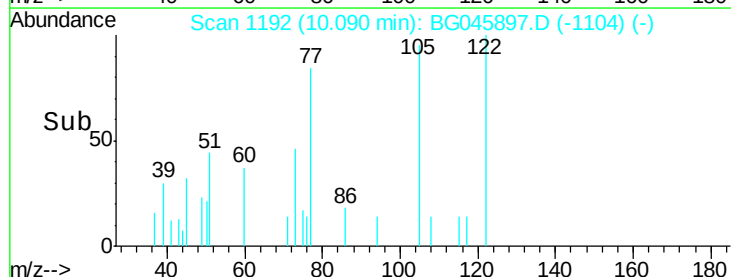
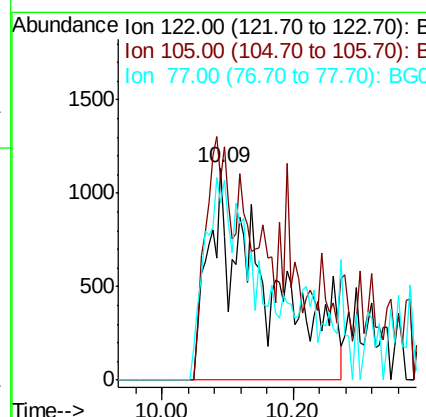
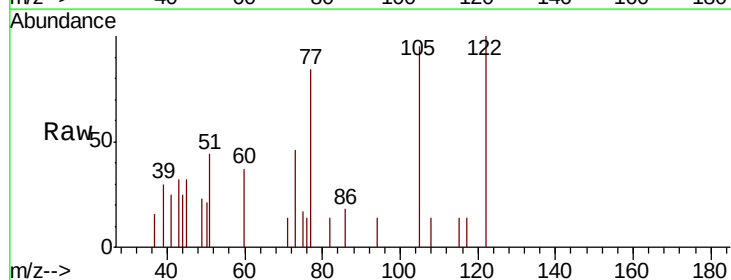
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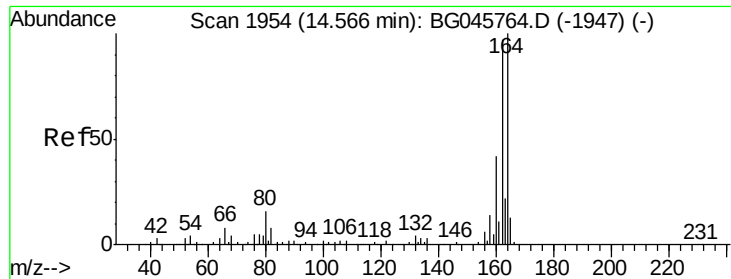
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#32
Benzoic acid
Concen: 11.202 ng m
RT: 10.09 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG045897.D
Acq: 30 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	94.9	110.1	150.1#
77	83.6	94.1	134.1#





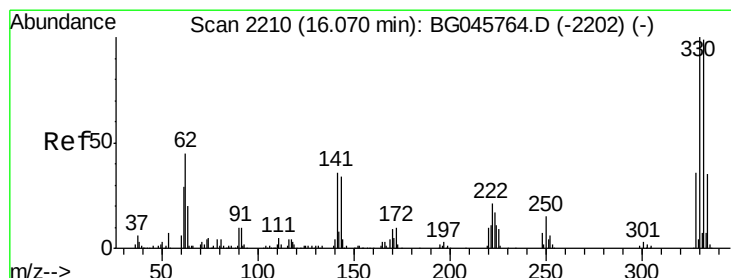
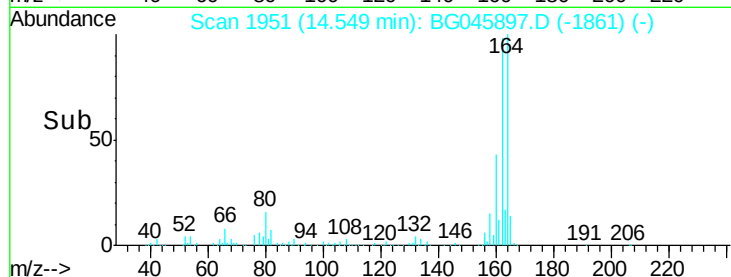
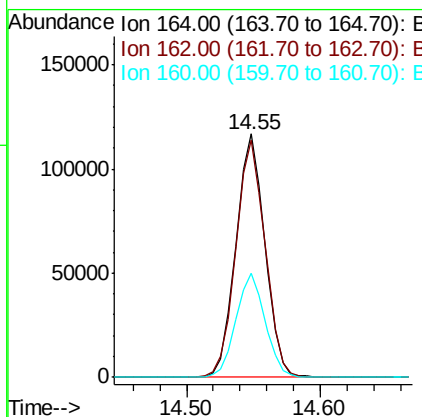
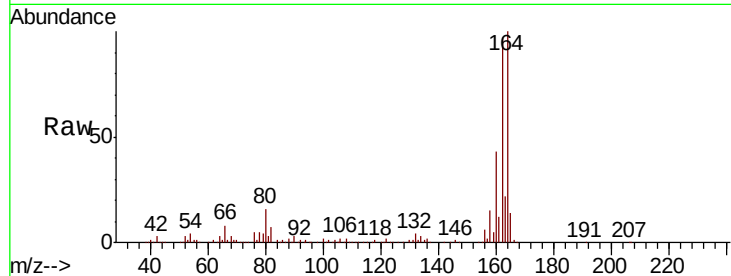
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG045897.D
 Acq: 30 Jun 2020 23:28

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-062620

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.4	80.6	120.8
160	42.7	35.0	52.4

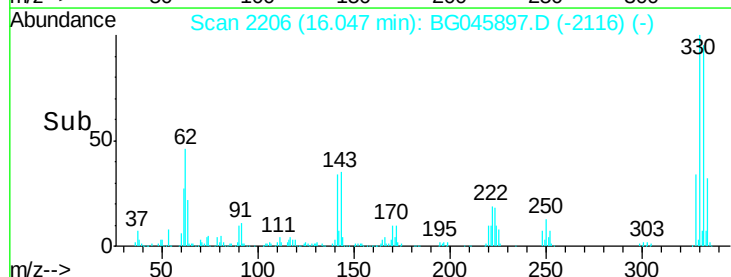
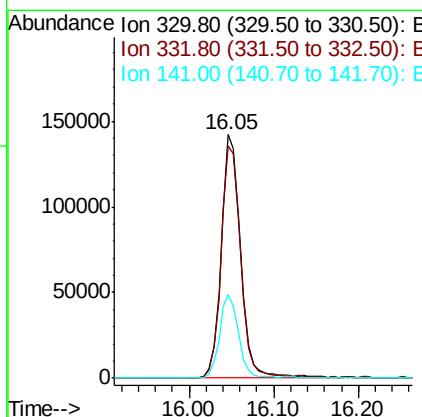
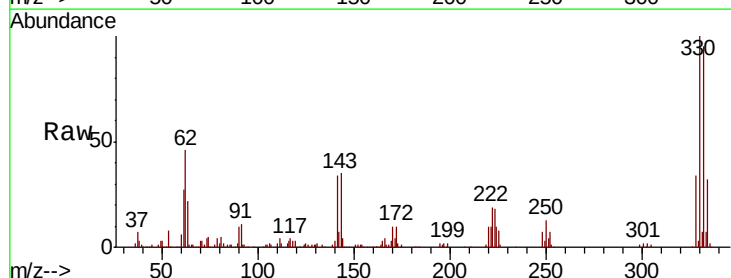
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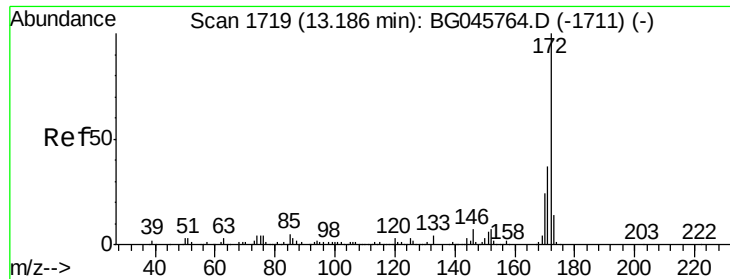
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#42
 2,4,6-Tribromophenol
 Concen: 85.352 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BG045897.D
 Acq: 30 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	33.8	27.7	41.5





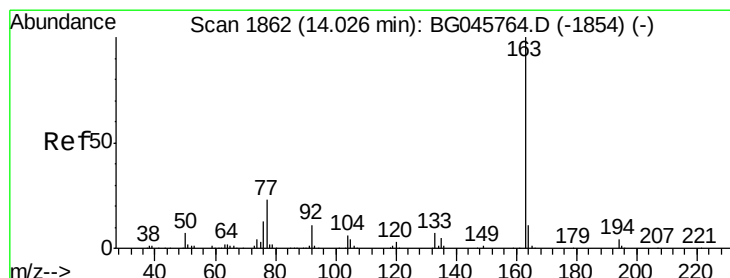
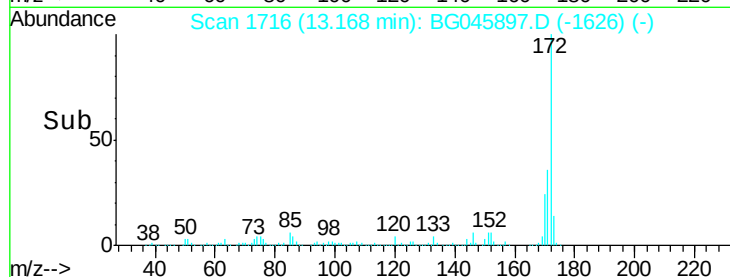
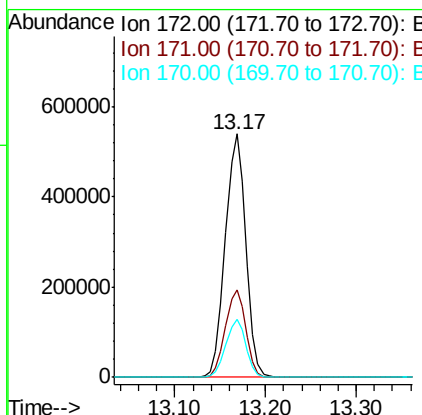
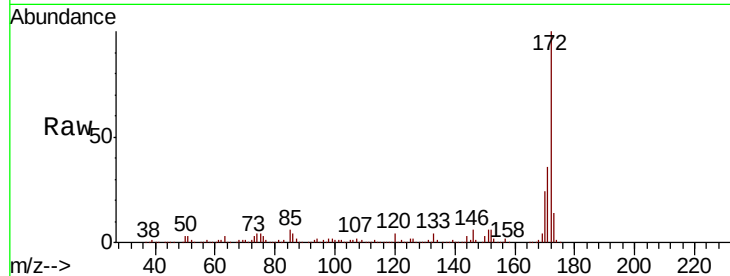
#45
2-Fluorobiphenyl
Concen: 70.893 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BG045897.D
Acq: 30 Jun 2020 23:28

Instrument :
BNA_G
ClientSampleId :
BU-03-062620

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	23.6	19.1	28.7

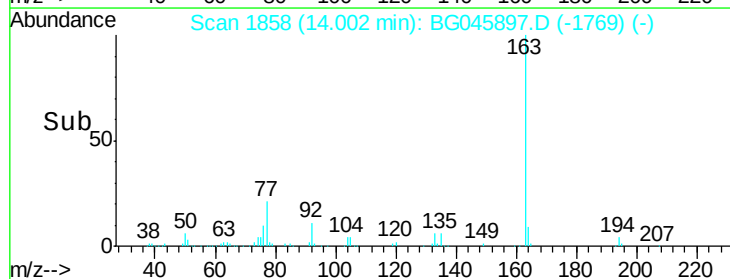
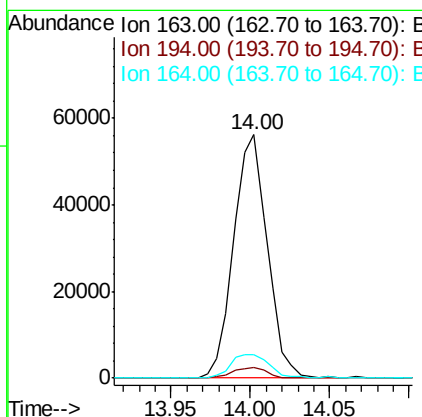
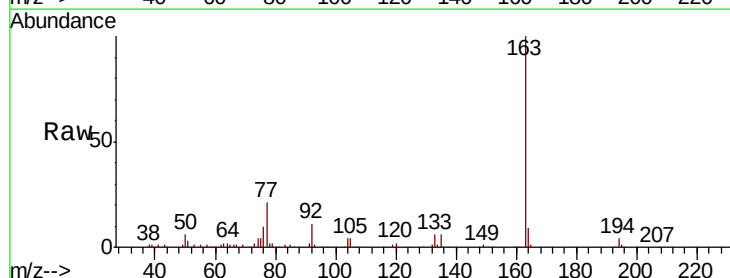
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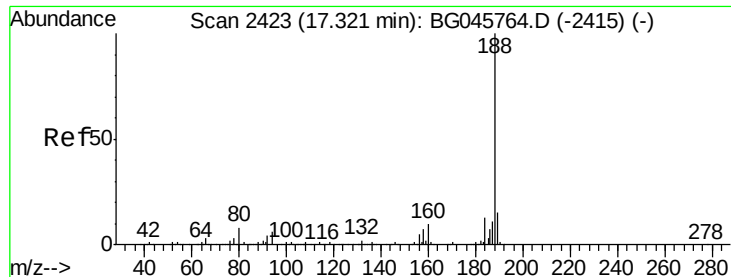
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#50
Dimethylphthalate
Concen: 6.017 ng
RT: 14.00 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG045897.D
Acq: 30 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.4	8.8	13.2





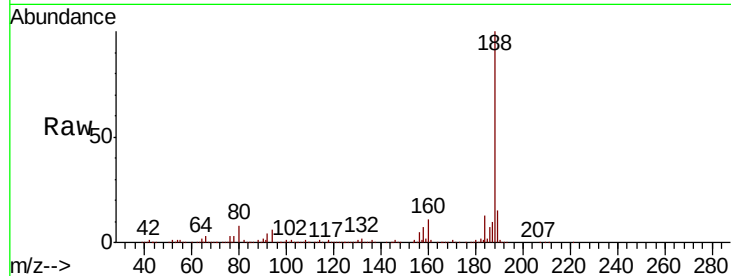
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG045897.D
Acq: 30 Jun 2020 23:28

Instrument :
BNA_G
ClientSampleId :
BU-03-062620

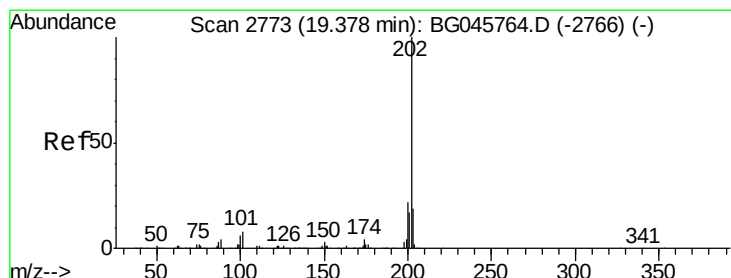
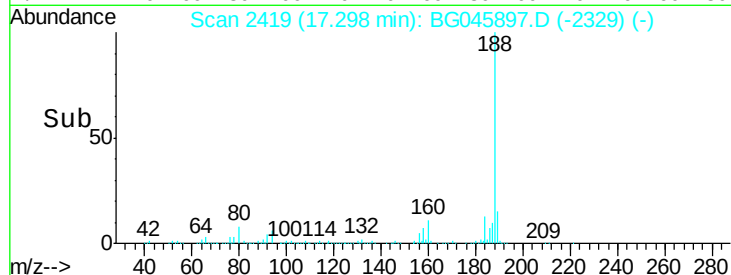
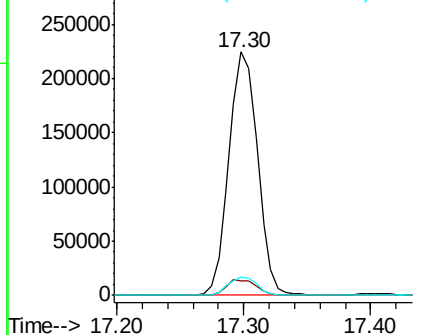
Tot Ion	Ratio	Resp	Lower	Upper
188	100	351678		
94	6.2		5.7	8.5
80	7.6		6.6	10.0

Manual Integrations
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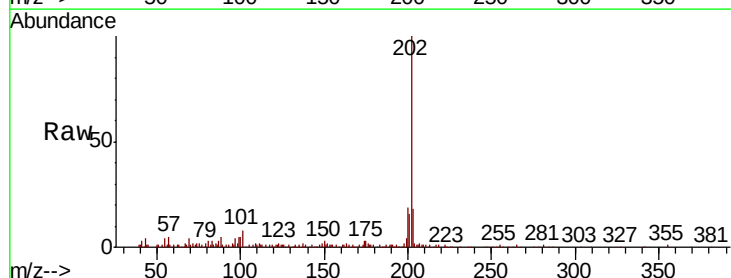


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

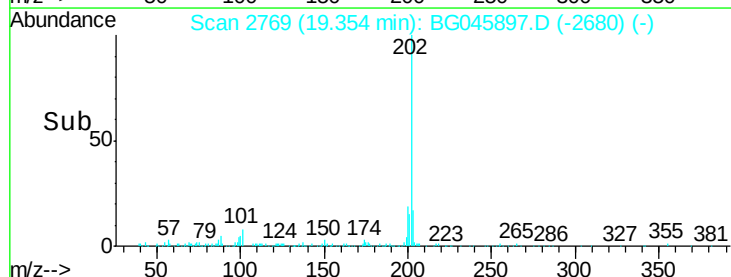
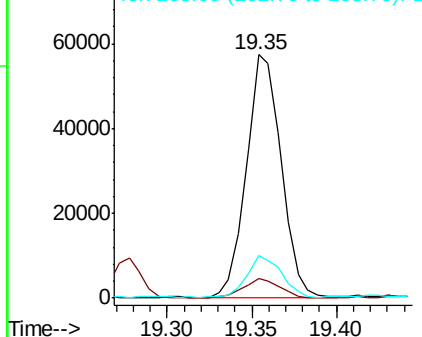


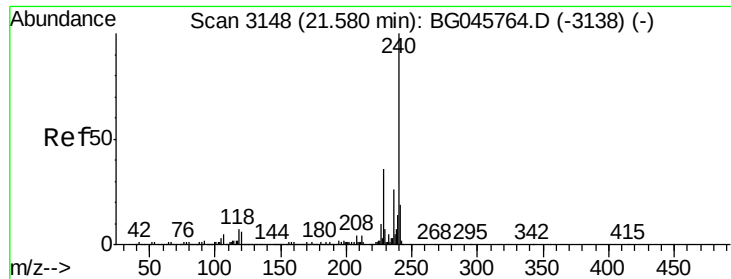
#75
Fluoranthene
Concen: 3.716 ng
RT: 19.35 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BG045897.D
Acq: 30 Jun 2020 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	82873		
101	8.1		0.0	28.0
203	17.6		0.0	38.5



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





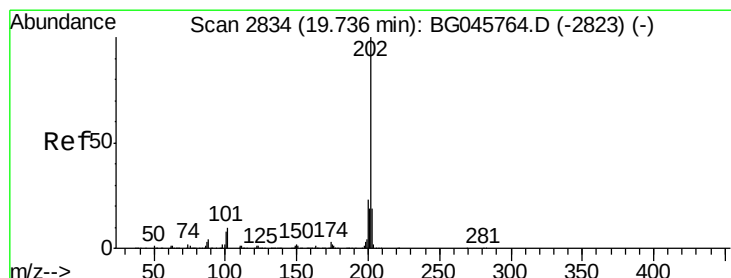
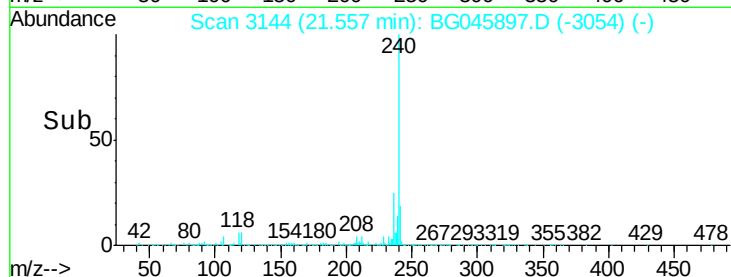
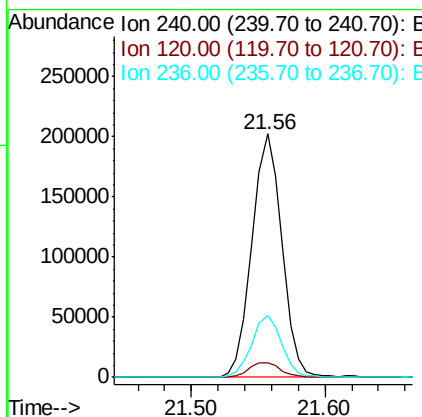
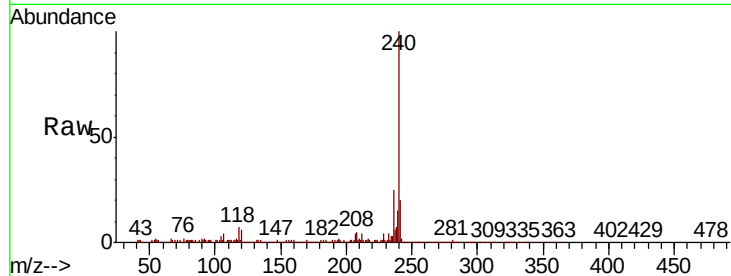
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG045897.D
Acq: 30 Jun 2020 23:28

Instrument :
BNA_G
ClientSampleId :
BU-03-062620

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.6	8.4
236	25.2	21.3	31.9

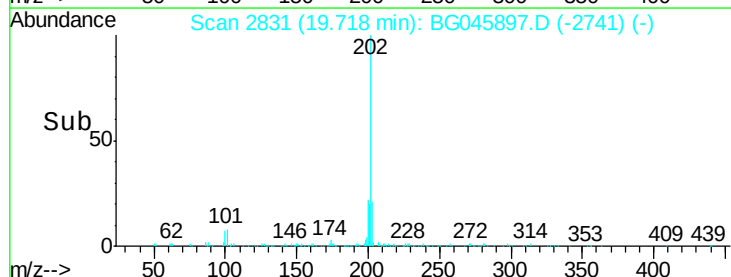
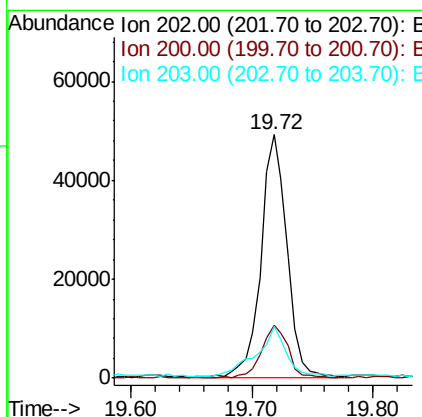
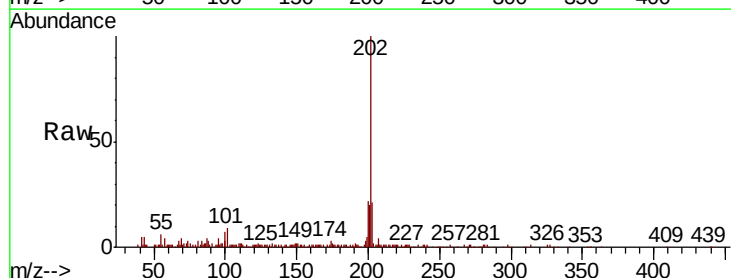
Manual Integrations
APPROVED

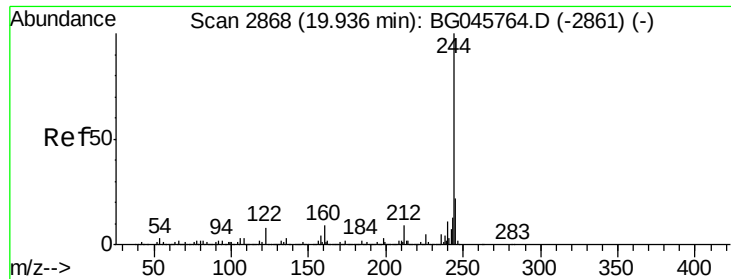
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#78
Pyrene
Concen: 3.497 ng
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG045897.D
Acq: 30 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.0	27.0
203	21.1	14.8	22.2





#79

Terphenyl-d14

Concen: 72.816 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BG045897.D

Acq: 30 Jun 2020 23:28

Instrument :

BNA_G

ClientSampled :

BU-03-062620

Tot Ion:244 Resp: 1124459

Ion Ratio Lower Upper

244 100

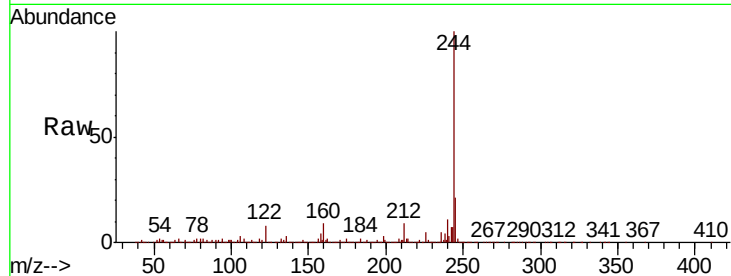
212 8.9 7.2 10.8

122 7.8 6.9 10.3

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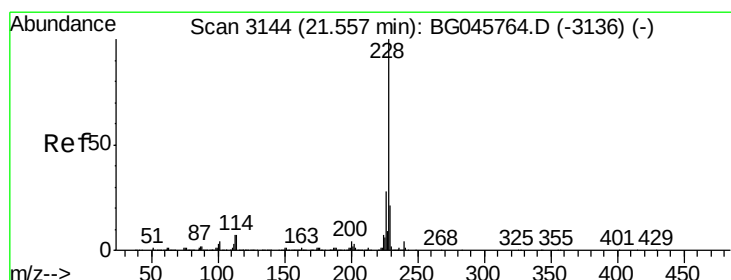
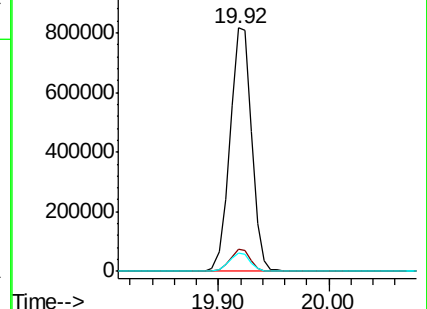
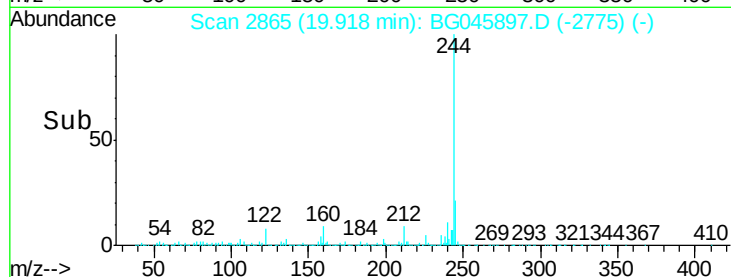
7/7/2020 8:17:14 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 2.093 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG045897.D

Acq: 30 Jun 2020 23:28

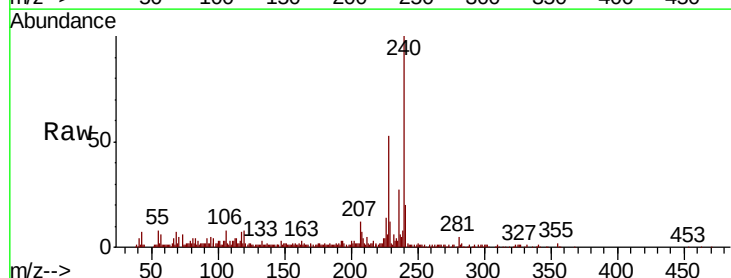
Tgt Ion:228 Resp: 42469

Ion Ratio Lower Upper

228 100

226 26.6 23.2 34.8

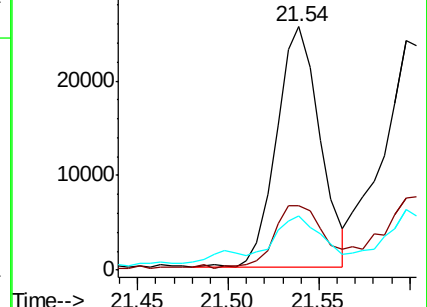
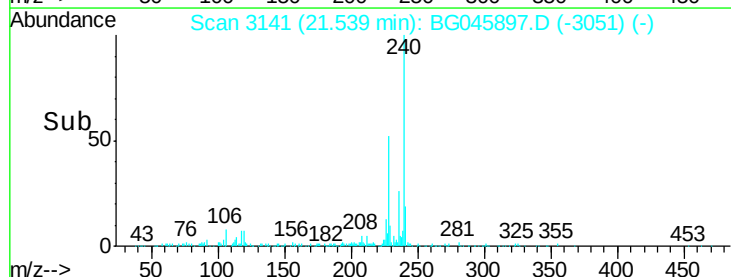
229 22.3 16.6 25.0

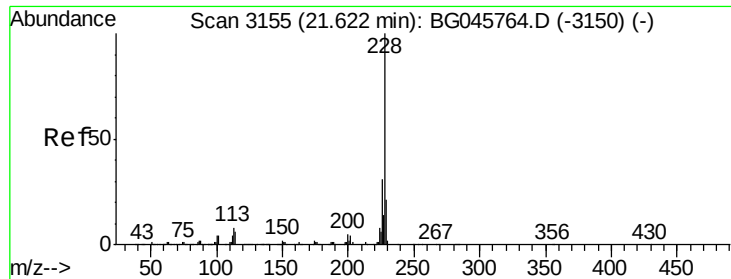


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





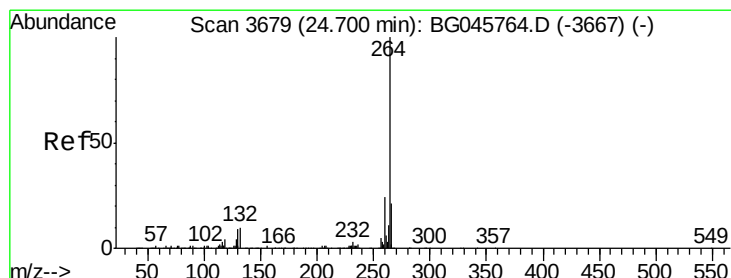
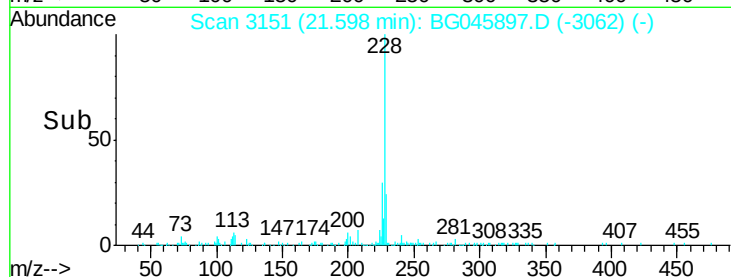
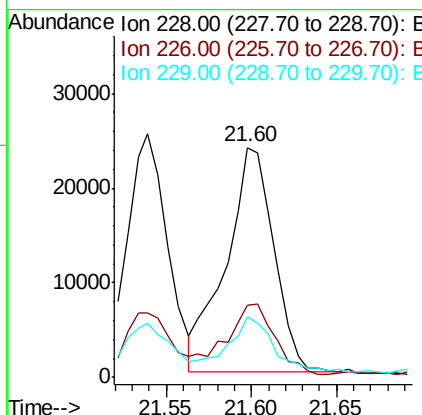
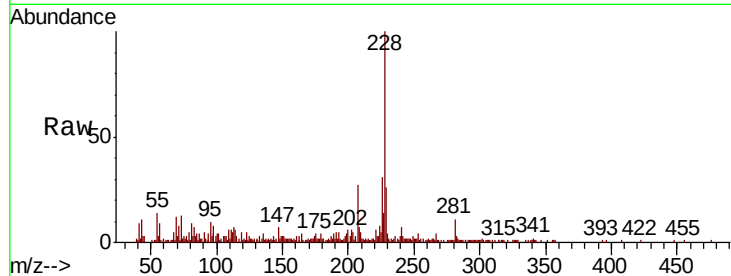
#83
Chrysene
Concen: 2.367 ng/mL
RT: 21.60 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG045897.D
Acq: 30 Jun 2020 23:28

Instrument :
BNA_G
ClientSampleId :
BU-03-062620

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	26.2	16.3	24.5

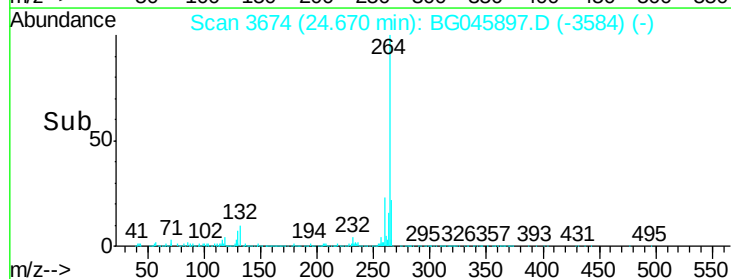
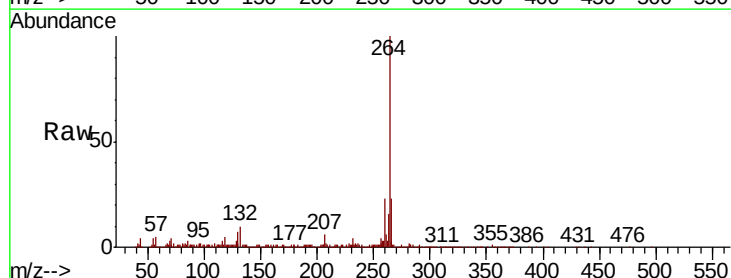
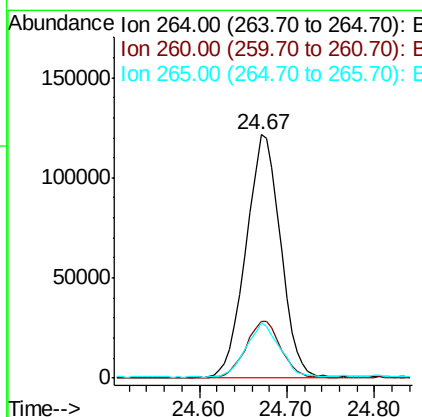
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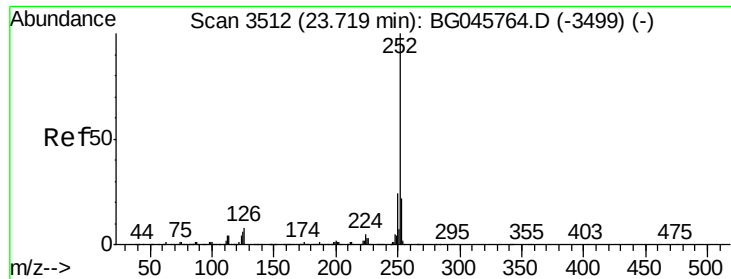
Sohil
7/7/2020 8:17:14 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG045897.D
Acq: 30 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.6	17.4	26.0





#88

Benzo(b)fluoranthene

Concen: 3.233 ng

RT: 23.70 min Scan# 3508

Delta R.T. 0.00 min

Lab File: BG045897.D

Acq: 30 Jun 2020 23:28

Instrument :

BNA_G

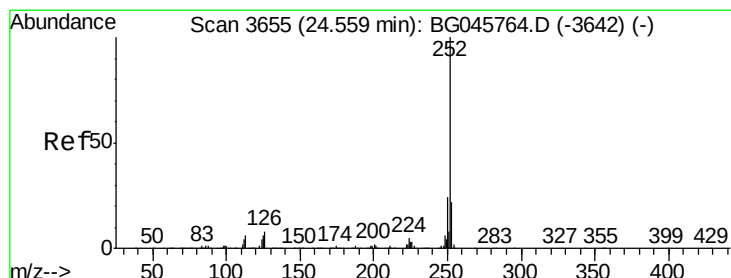
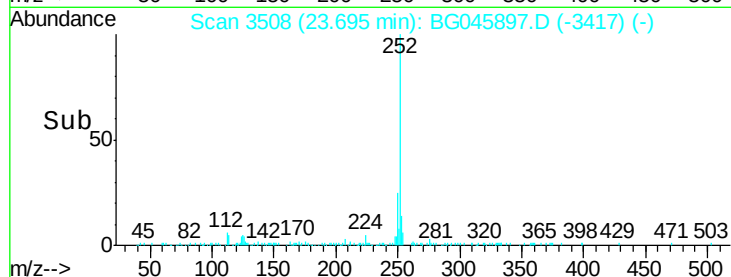
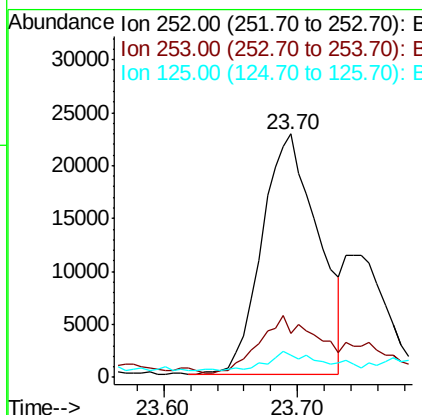
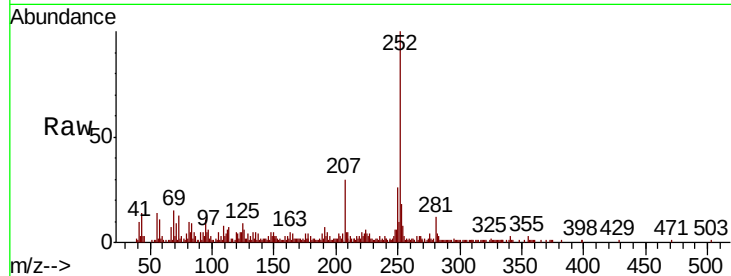
ClientSampleId :

BU-03-062620

Tot Ion:	252	Resp:	66109
Ion Ratio	Lower	Upper	
252	100		
253	18.1	18.5	27.7#
125	9.3	5.4	8.0#

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 2.234 ng

RT: 24.52 min Scan# 3649

Delta R.T. -0.01 min

Lab File: BG045897.D

Acq: 30 Jun 2020 23:28

Tgt Ion:	252	Resp:	42683
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.8	26.8
125	14.5	5.9	8.9#

