

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052620\
 Data File : BG045468.D
 Acq On : 26 May 2020 22:19
 Operator : CG/JU
 Sample : L2744-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NMDUP01-COMP-2020-0-6

Manual Integrations
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mohammad
 5/27/2020 11:48:34 AM

Quant Time: May 27 02:25:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 26 14:16:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	93534	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	374805	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	260822	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	542602	20.00	ng	0.00
76) Chrysene-d12	21.61	240	505225	20.00	ng	0.00
87) Perylene-d12	24.76	264	546926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	482071	100.72	ng	0.00
7) Phenol-d6	7.18	99	725485	106.50	ng	0.00
23) Nitrobenzene-d5	9.12	82	494976	72.02	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	342278	102.61	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1148327	74.68	ng	0.00
79) Terphenyl-d14	19.97	244	1613853	74.50	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	181455	10.14	ng	Qvalue 98
71) Phenanthrene	17.40	178	223499	9.44	ng	98
75) Fluoranthene	19.40	202	337072	11.19	ng	96
78) Pyrene	19.76	202	302183	10.49	ng	98
81) Benzo(a)anthracene	21.59	228	166334	5.91	ng	95
83) Chrysene	21.65	228	159856	5.91	ng	98
86) Indeno(1,2,3-cd)pyrene	28.32	276	98908	2.79	ng	# 96
88) Benzo(b)fluoranthene	23.77	252	201851	6.88	ng	# 99
89) Benzo(k)fluoranthene	23.82	252	77222m	2.80	ng	
90) Benzo(a)pyrene	24.61	252	144425	5.29	ng	# 92
92) Benzo(g,h,i)perylene	29.43	276	99951	3.64	ng	95

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

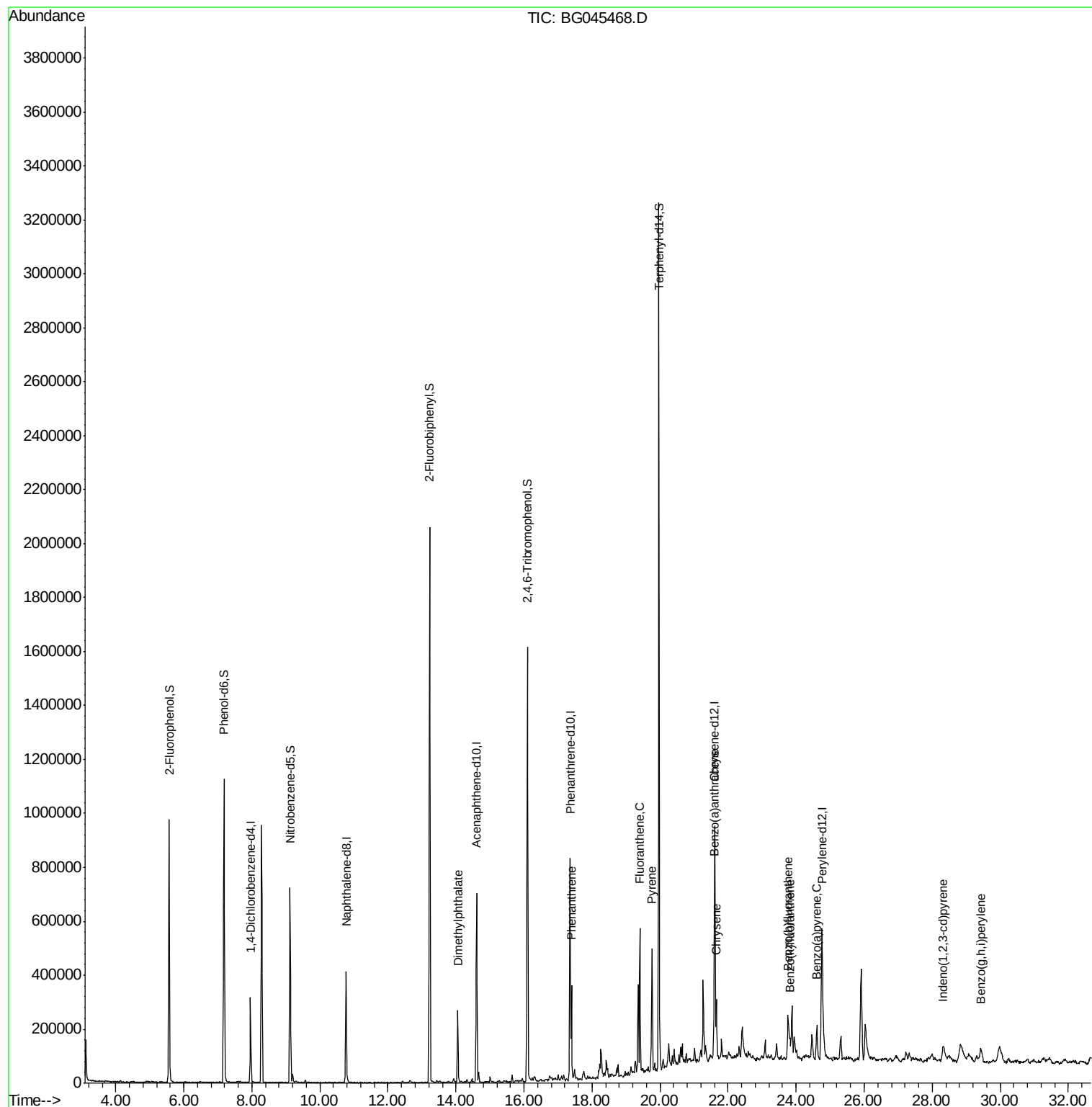
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052620\
Data File : BG045468.D
Acq On : 26 May 2020 22:19
Operator : CG/JU
Sample : L2744-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

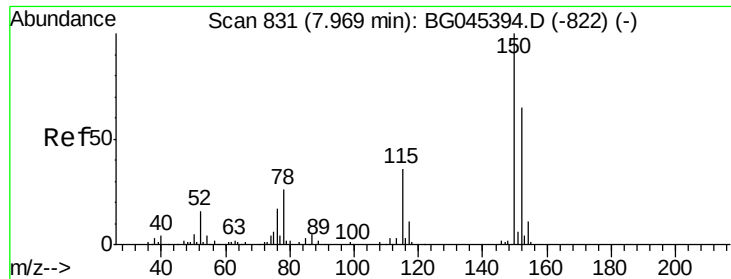
Instrument :
BNA_G
ClientSampleId :
NMDUP01-COMP-2020-0-6

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Quant Time: May 27 02:25:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

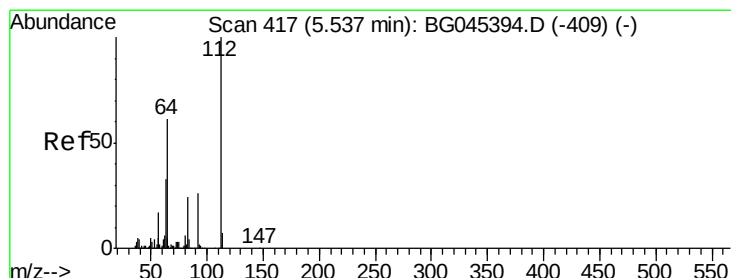
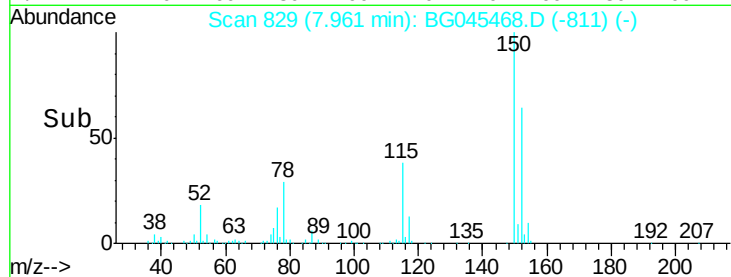
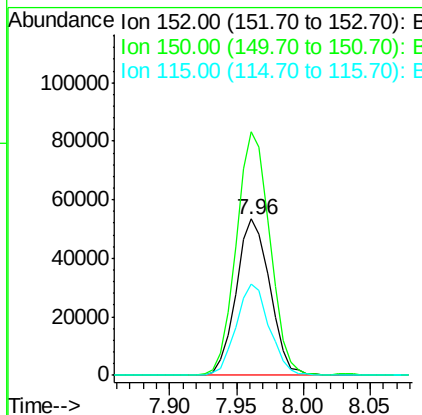
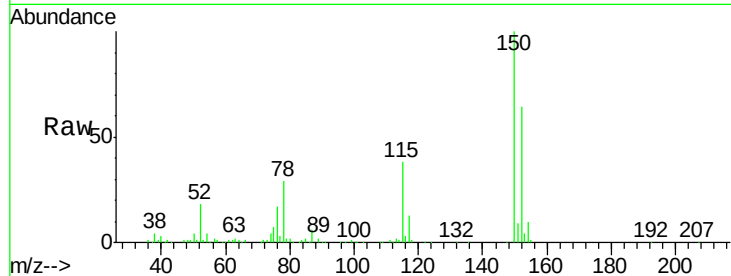
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG045468.D
Acq: 26 May 2020 22:19

Instrument :
BNA_G
ClientSampleId :
NMDUP01-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.4	183.6
115	58.9	44.2	66.4

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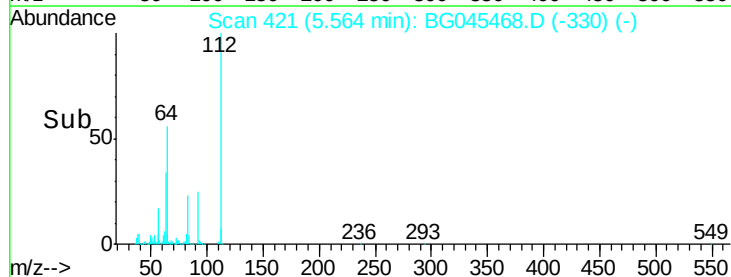
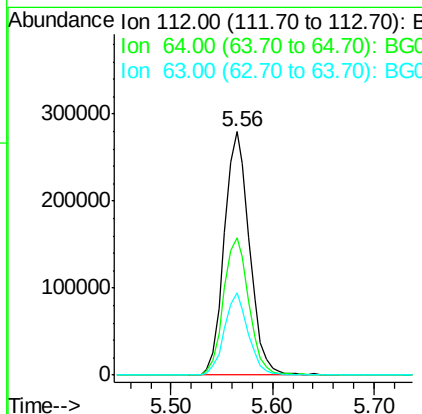
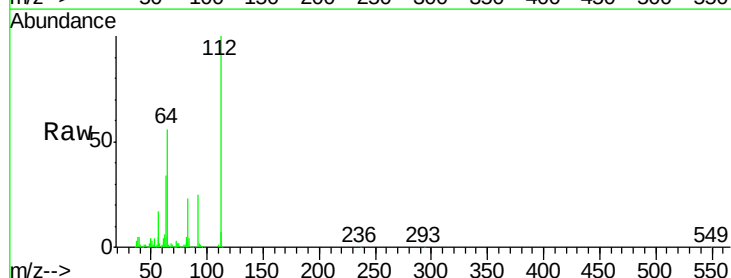
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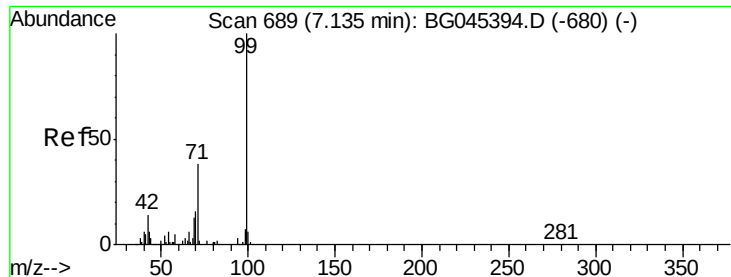


#5

2-Fluorophenol
Concen: 100.72 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG045468.D
Acq: 26 May 2020 22:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	48.6	72.8
63	33.8	26.5	39.7





#7

Phenol-d6

Concen: 106.50 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG045468.D

Acq: 26 May 2020 22:19

Instrument :

BNA_G

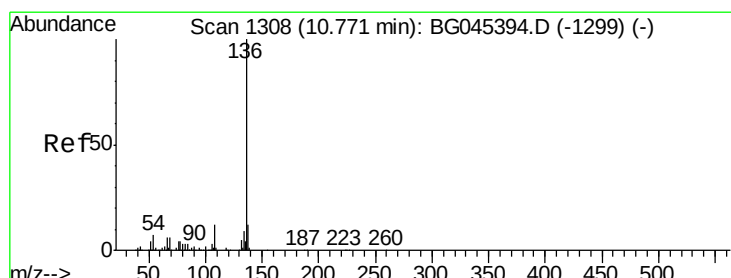
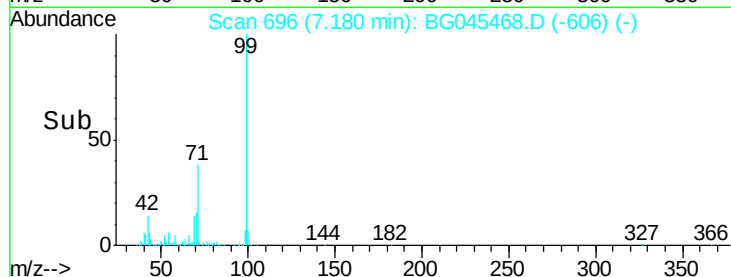
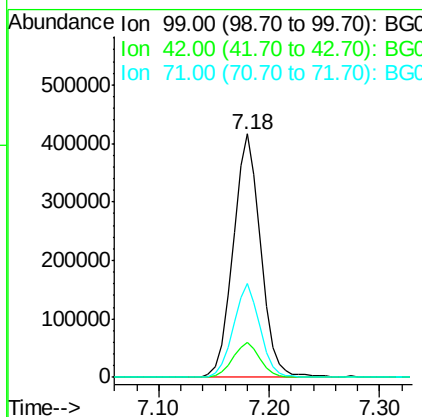
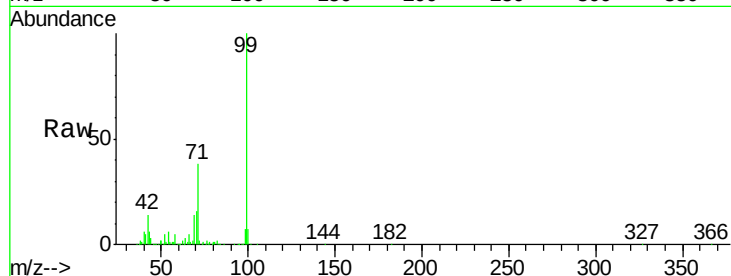
ClientSampleId :

NMDUP01-COMP-2020-0-6

Tgt Ion:	99	Resp:	725485
Ion Ratio	Lower	Upper	
99	100		
42	14.2	11.3	16.9
71	38.4	30.8	46.2

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#21

Naphthalene-d8

Concen: 20.00 ng

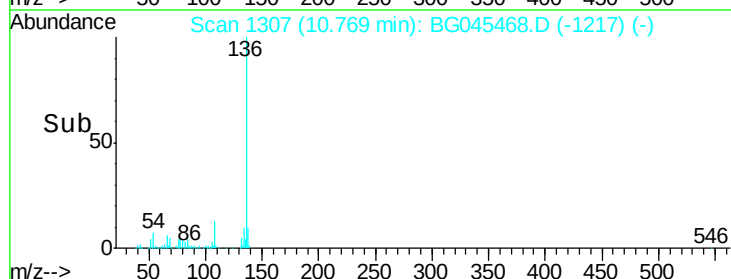
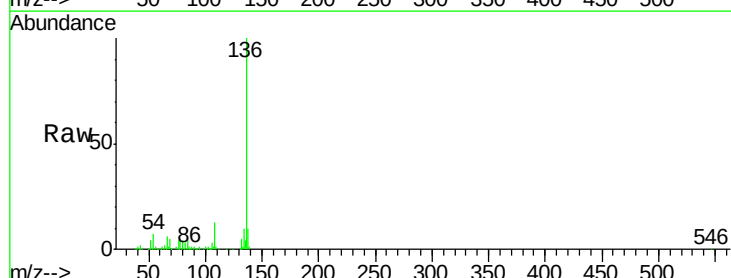
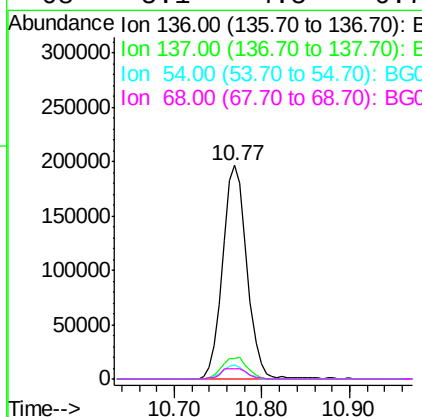
RT: 10.77 min Scan# 1307

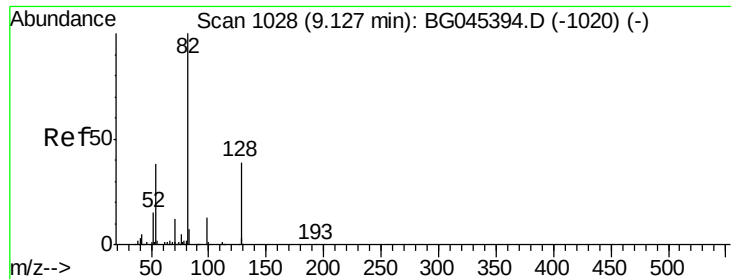
Delta R.T. -0.00 min

Lab File: BG045468.D

Acq: 26 May 2020 22:19

Tgt Ion:	136	Resp:	374805
Ion Ratio	Lower	Upper	
136	100		
137	9.9	9.4	14.2
54	6.7	5.8	8.6
68	5.1	4.5	6.7





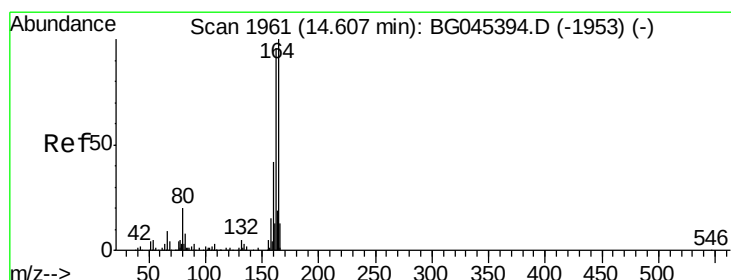
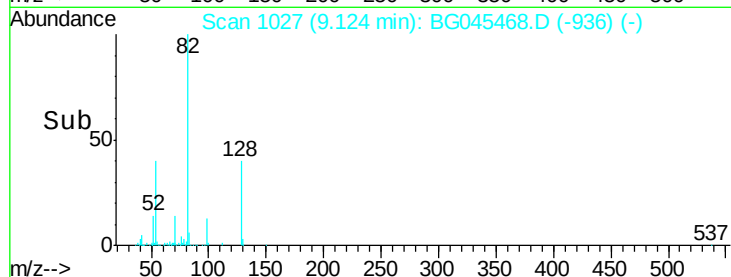
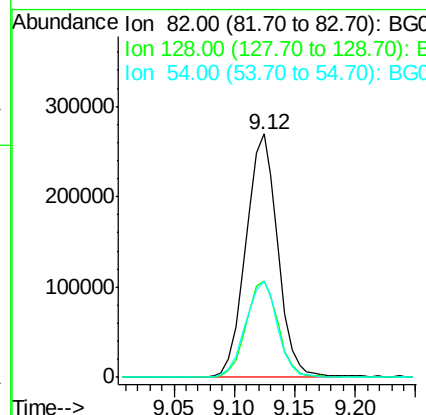
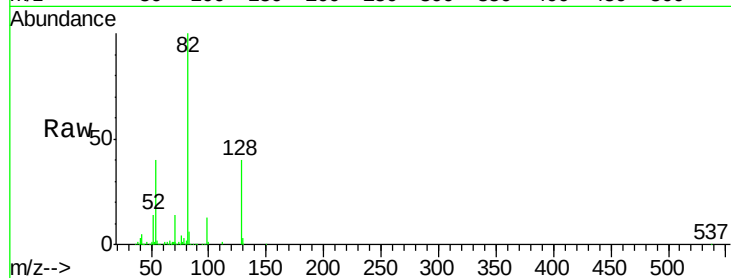
#23
 Nitrobenzene-d5
 Concen: 72.02 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045468.D
 Acq: 26 May 2020 22:19

Instrument :
 BNA_G
 ClientSampleId :
 NMDUP01-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	494976		
128	39.6	30.9	46.3	
54	39.7	30.3	45.5	

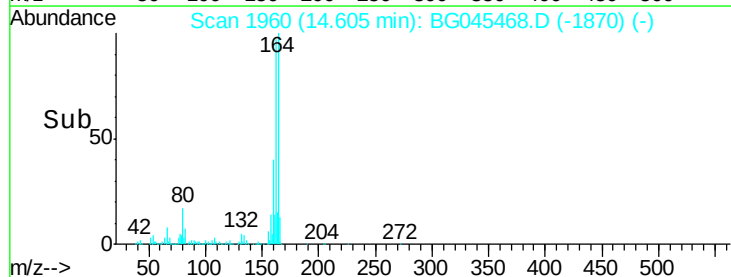
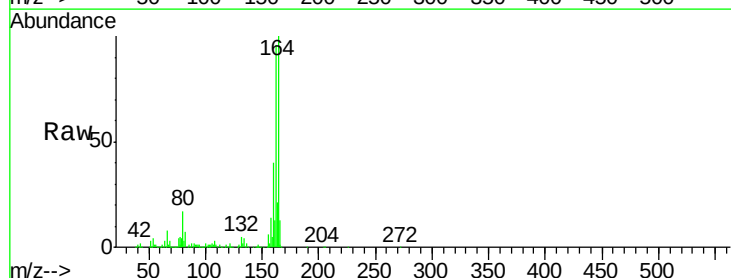
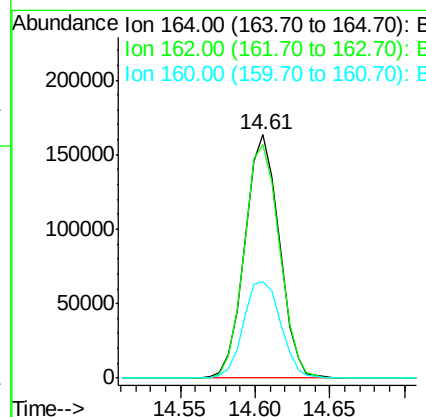
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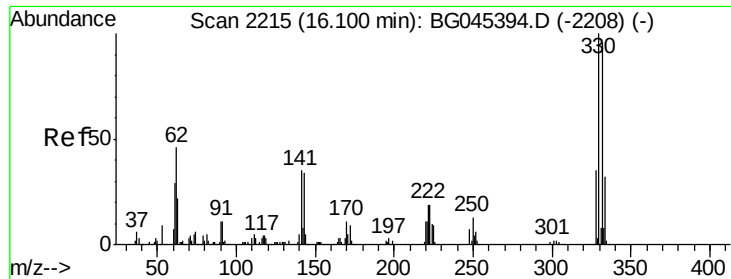
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#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.61 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG045468.D
 Acq: 26 May 2020 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	260822		
162	95.8	76.9	115.3	
160	39.8	33.8	50.8	





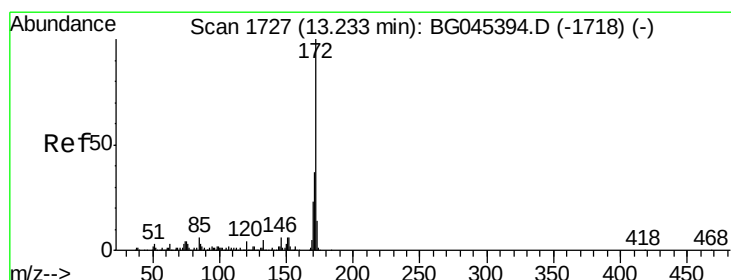
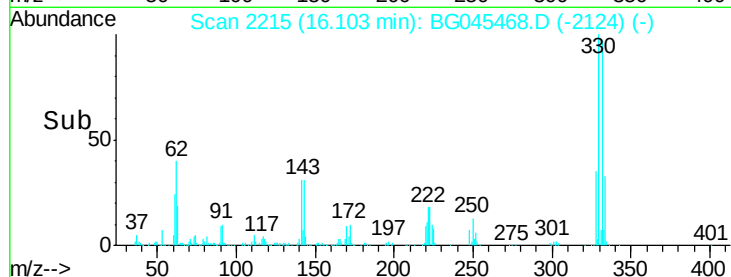
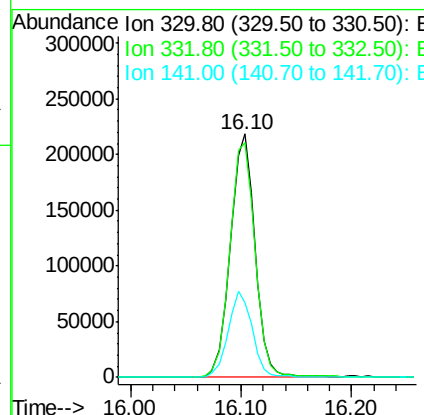
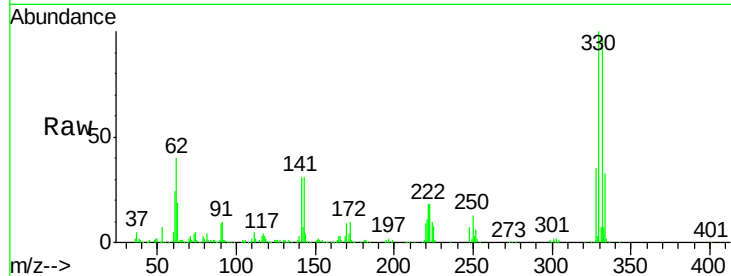
#42
2,4,6-Tribromophenol
Concen: 102.61 ng
RT: 16.10 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG045468.D
Acq: 26 May 2020 22:19

Instrument :
BNA_G
ClientSampleId :
NMDUP01-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	342278		
332	99.5	78.2	117.4	
141	34.6	28.2	42.4	

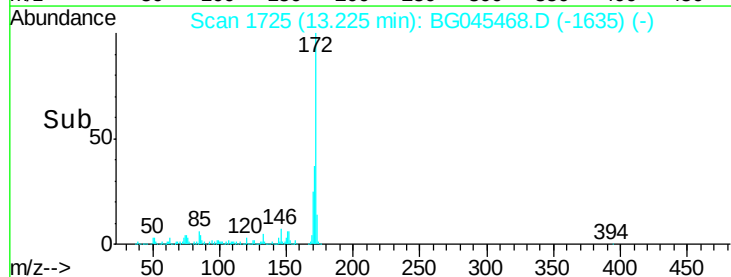
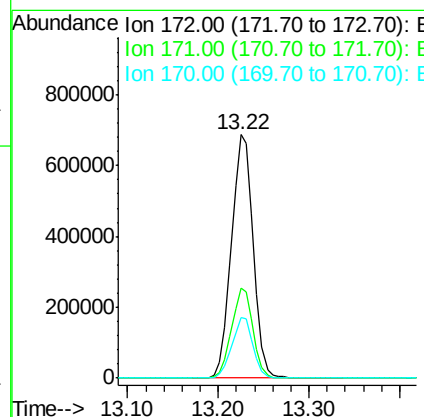
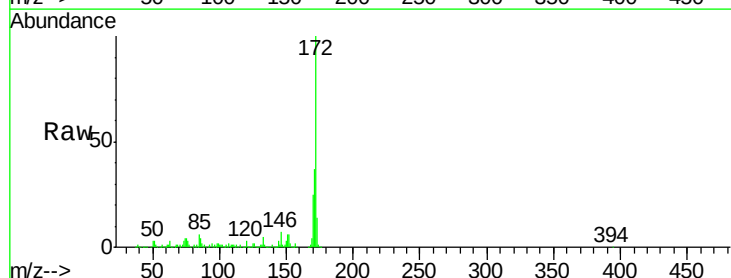
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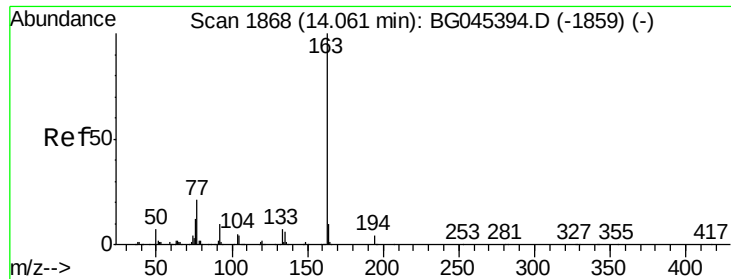
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#45
2-Fluorobiphenyl
Concen: 74.68 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG045468.D
Acq: 26 May 2020 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1148327		
171	36.8	29.5	44.3	
170	24.8	18.5	27.7	





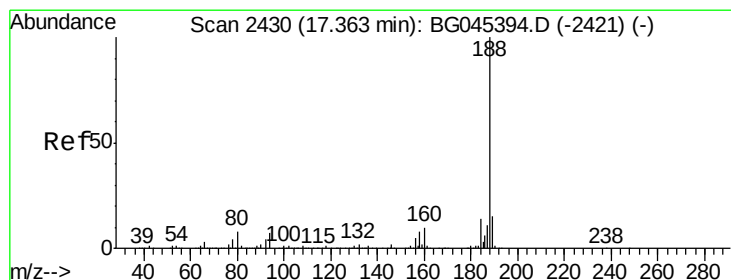
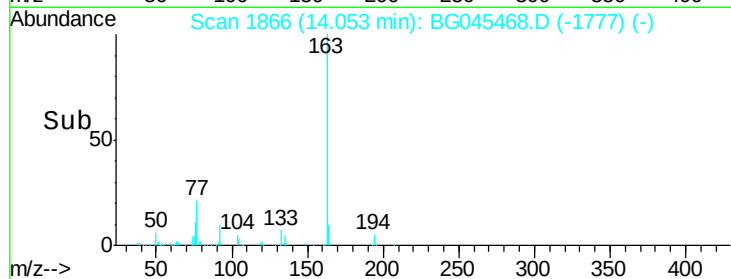
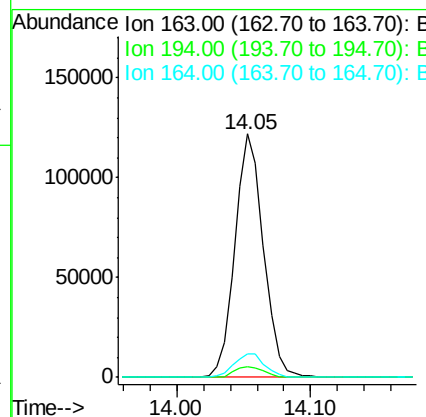
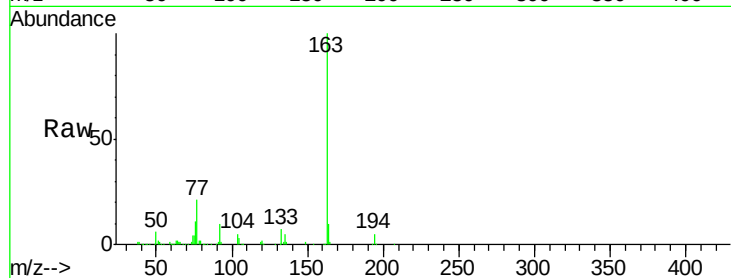
#50
Dimethylphthalate
Concen: 10.14 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045468.D
Acq: 26 May 2020 22:19

Instrument :
BNA_G
ClientSampleId :
NMDUP01-COMP-2020-0-6

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.6	3.2	4.8
164	9.6	8.3	12.5

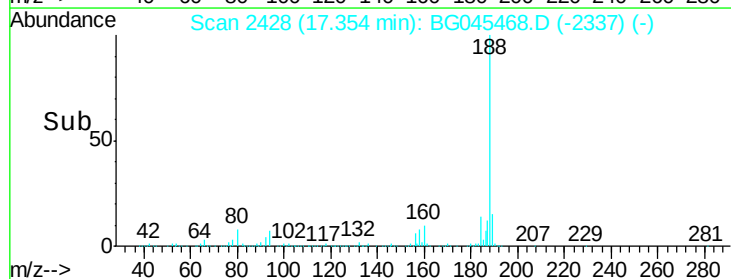
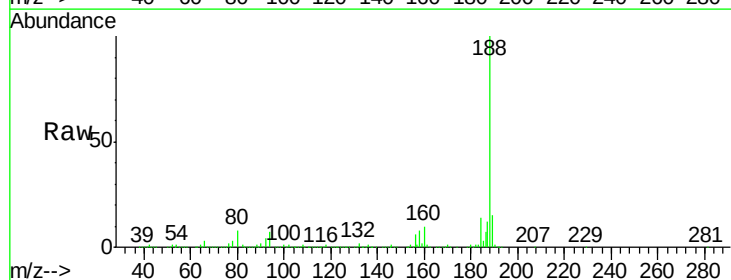
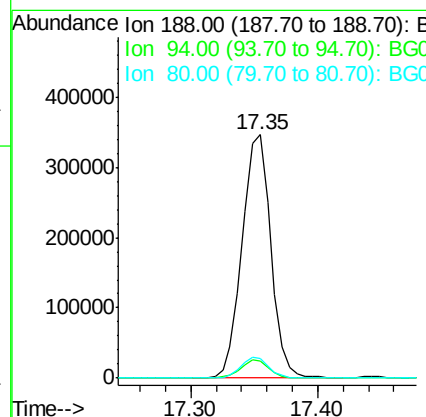
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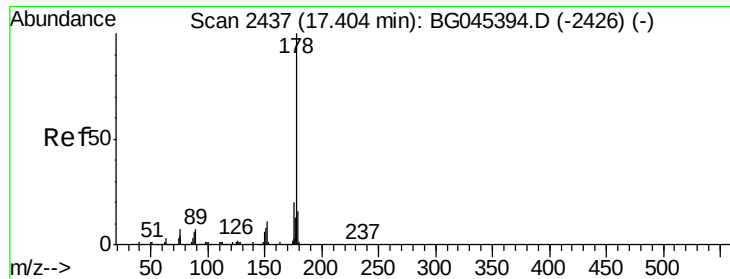
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG045468.D
Acq: 26 May 2020 22:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.9	5.5	8.3
80	8.1	6.6	10.0





#71

Phenanthrene

Concen: 9.44 ng

RT: 17.40 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG045468.D

Acq: 26 May 2020 22:19

Instrument :

BNA_G

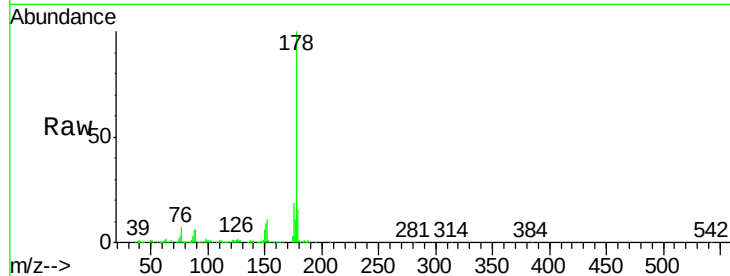
ClientSampleId :

NMDUP01-COMP-2020-0-6

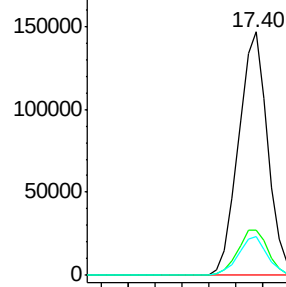
Tgt Ion:	178	Resp:	223499
Ion Ratio	Lower	Upper	
178	100		
176	18.7	16.2	24.4
179	15.8	13.1	19.7

Manual Integrations
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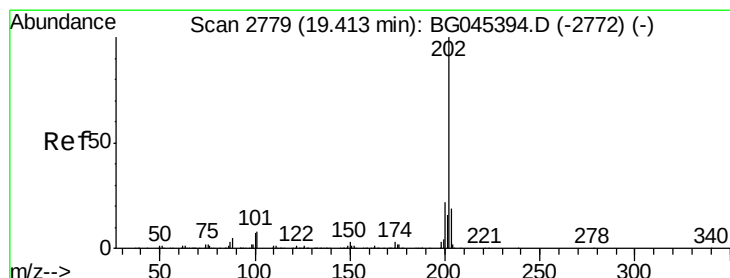
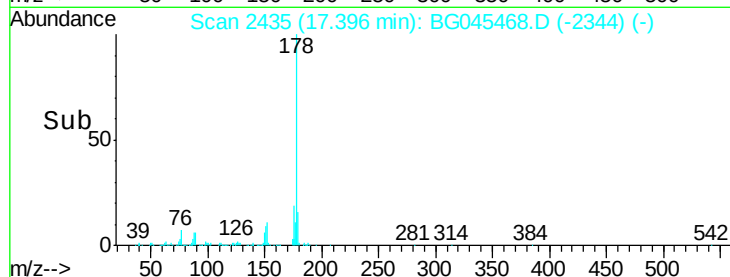
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->



#75

Fluoranthene

Concen: 11.19 ng

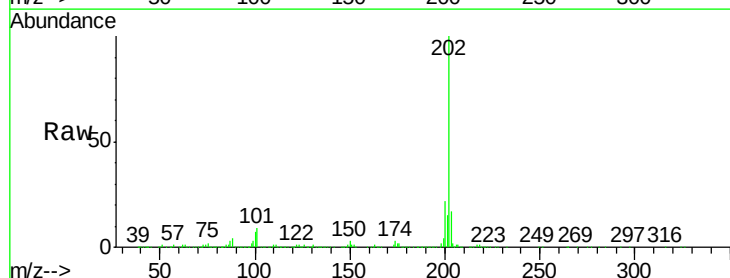
RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

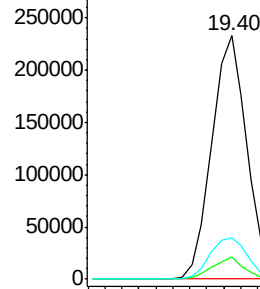
Lab File: BG045468.D

Acq: 26 May 2020 22:19

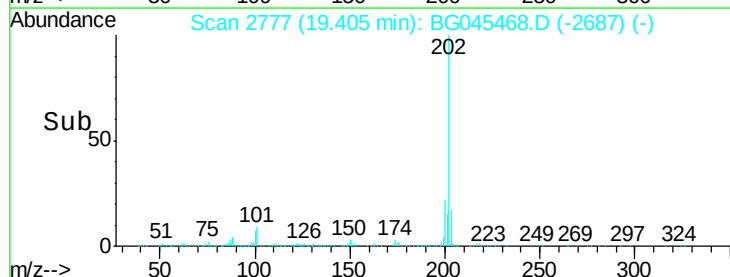
Tgt Ion:	202	Resp:	337072
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	28.3
203	16.8	0.0	39.0

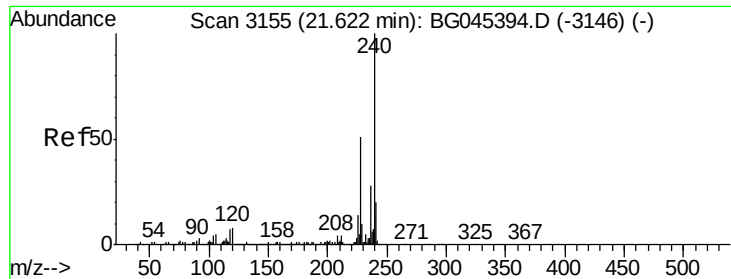


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





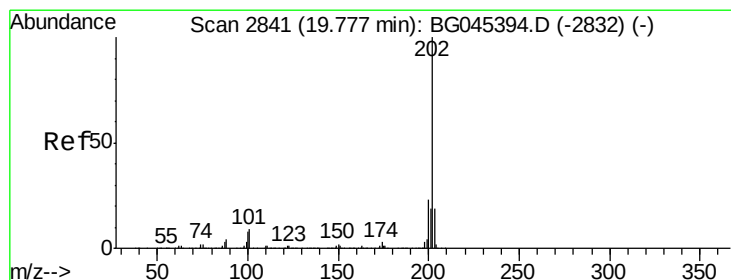
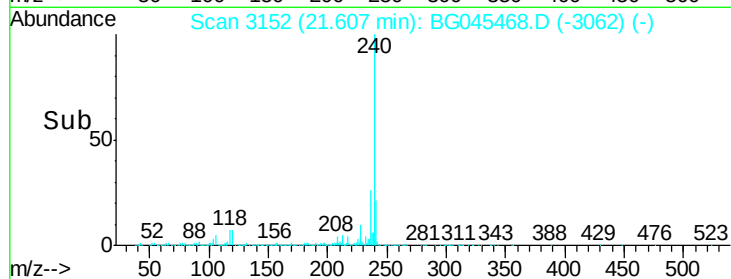
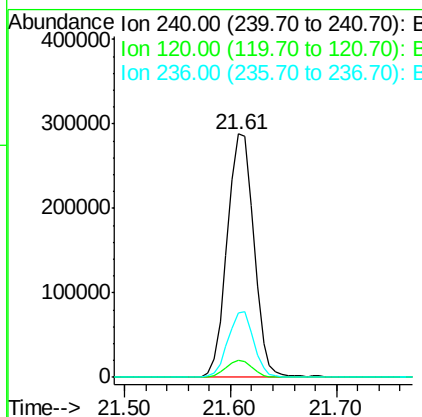
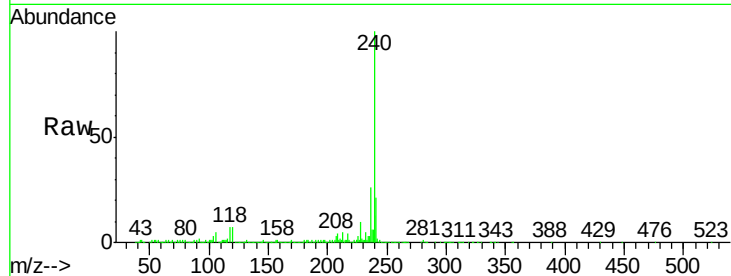
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG045468.D
Acq: 26 May 2020 22:19

Instrument :
BNA_G
ClientSampleId :
NMDUP01-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	505225		
120	6.9	6.1	9.1	
236	26.4	22.3	33.5	

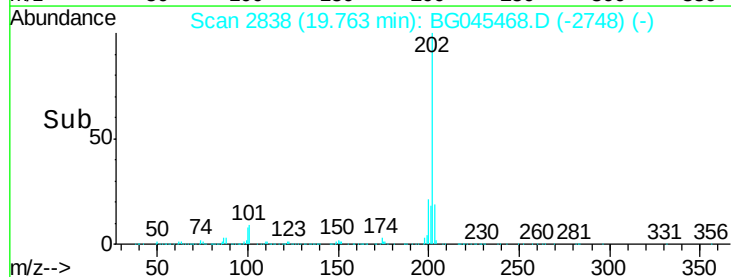
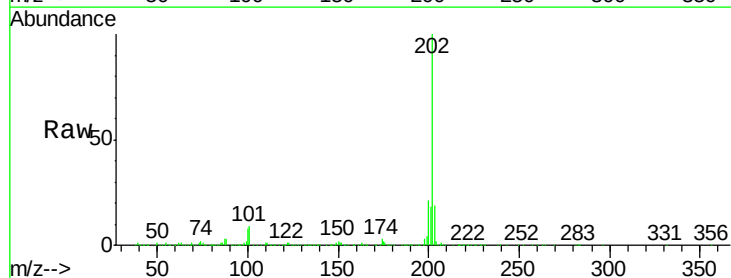
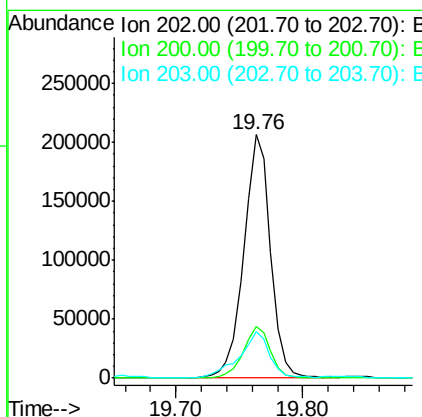
Manual Integrations
APPROVED

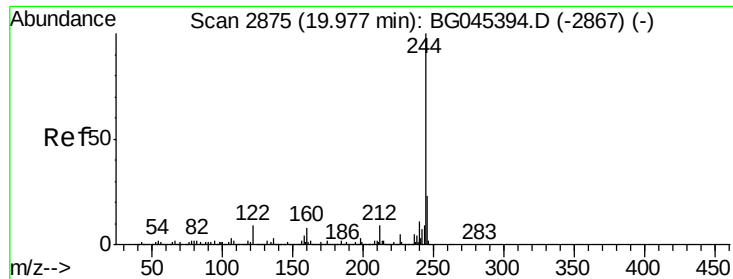
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#78
Pyrene
Concen: 10.49 ng
RT: 19.76 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BG045468.D
Acq: 26 May 2020 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	302183		
200	21.0	18.2	27.2	
203	18.9	15.1	22.7	





#79

Terphenyl-d14

Concen: 74.50 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045468.D

Acq: 26 May 2020 22:19

Instrument :

BNA_G

ClientSampleId :

NMDUP01-COMP-2020-0-6

Tgt Ion:244 Resp: 1613853

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.0

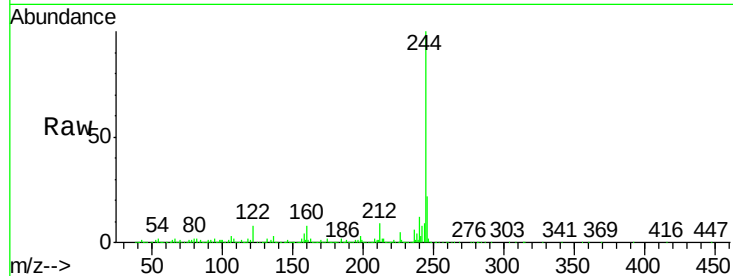
122 8.4 6.8 10.2

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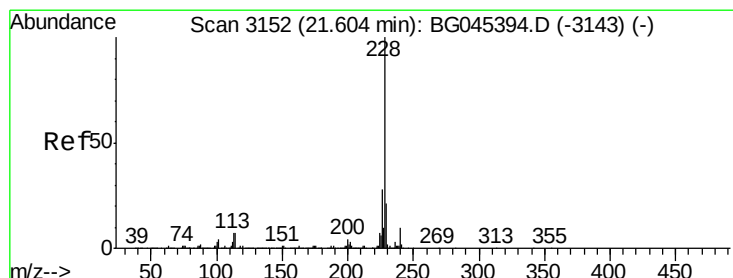
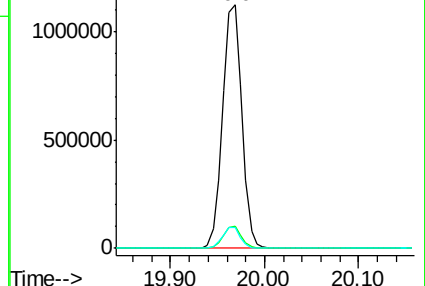
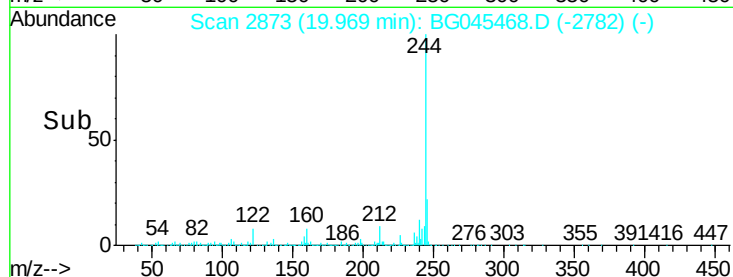
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 5.91 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG045468.D

Acq: 26 May 2020 22:19

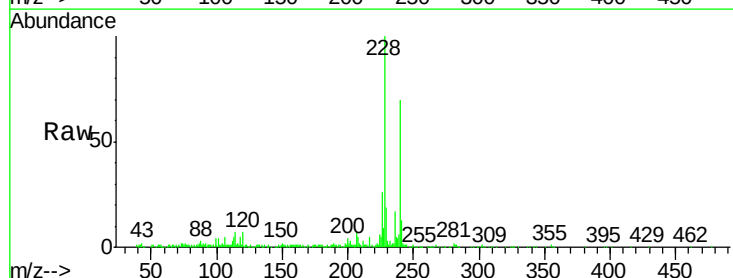
Tgt Ion:228 Resp: 166334

Ion Ratio Lower Upper

228 100

226 25.7 22.7 34.1

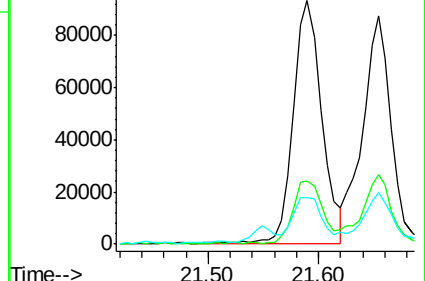
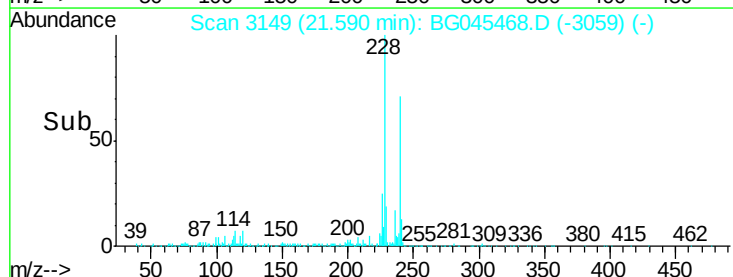
229 18.9 16.7 25.1

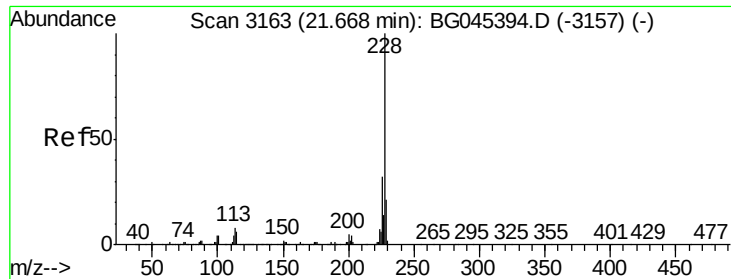


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 5.91 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG045468.D

Acq: 26 May 2020 22:19

Instrument :

BNA_G

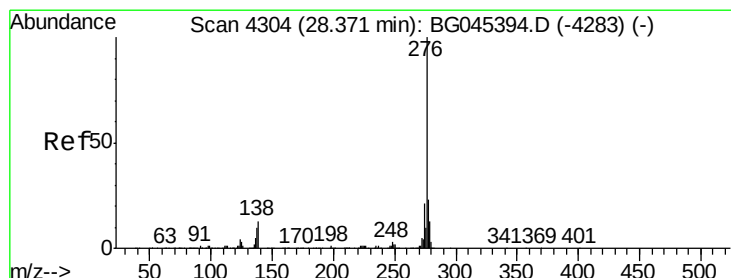
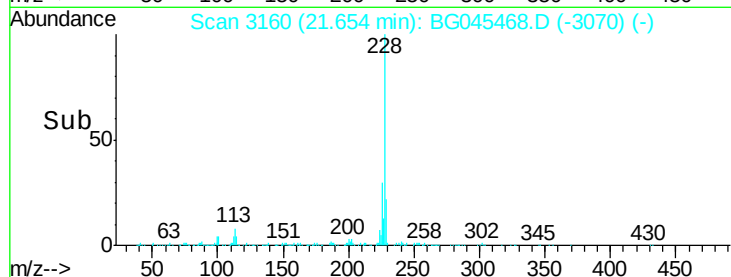
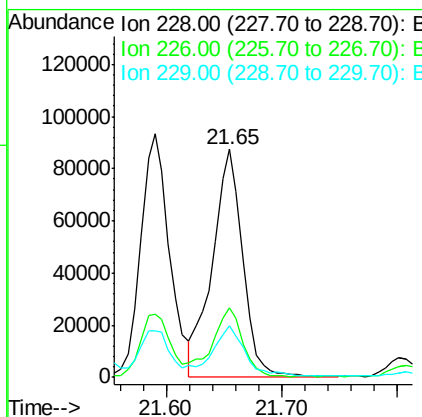
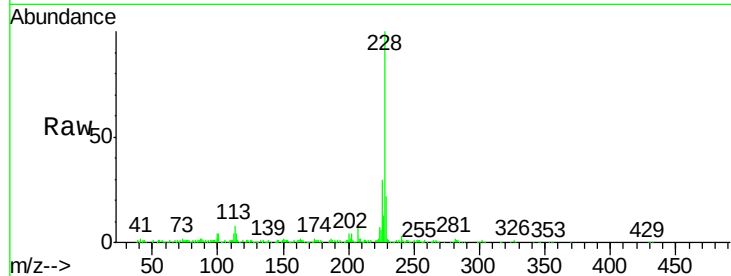
ClientSampleId :

NMDUP01-COMP-2020-0-6

Tgt Ion:	228	Resp:	159856
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.2	37.8
229	22.5	16.7	25.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 2.79 ng

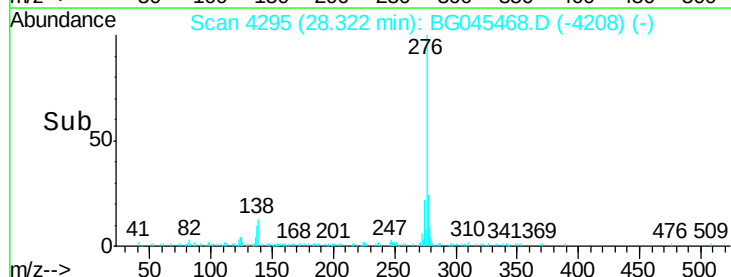
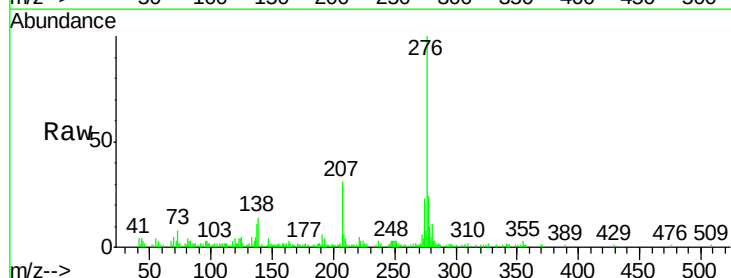
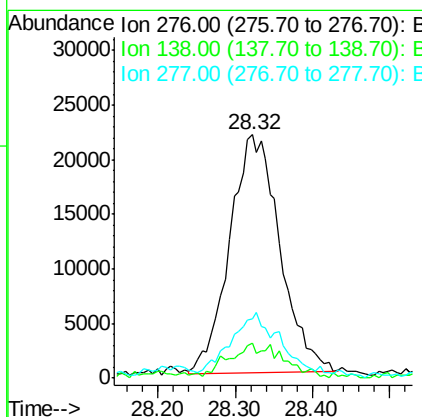
RT: 28.32 min Scan# 4295

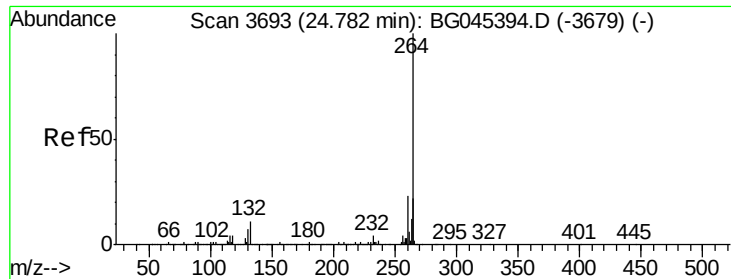
Delta R.T. -0.02 min

Lab File: BG045468.D

Acq: 26 May 2020 22:19

Tgt Ion:	276	Resp:	98908
Ion Ratio	Lower	Upper	
276	100		
138	7.3	8.6	12.8#
277	24.2	20.2	30.4





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.76 min Scan# 3689

Delta R.T. 0.00 min

Lab File: BG045468.D

Acq: 26 May 2020 22:19

Instrument :

BNA_G

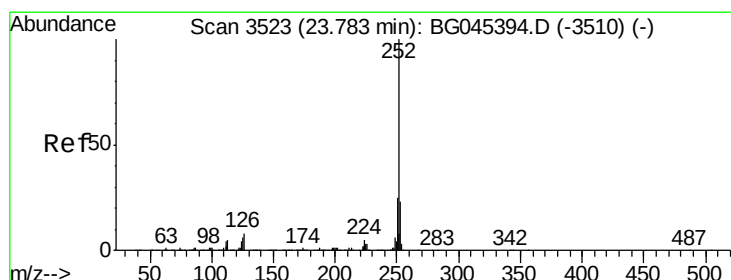
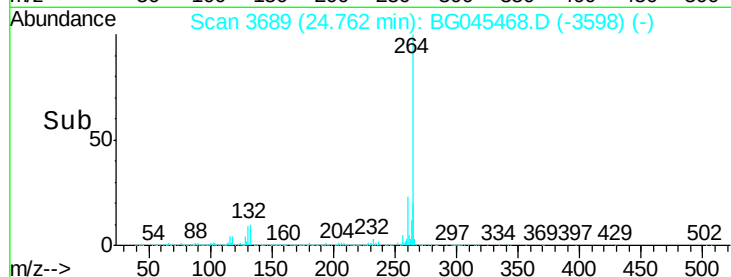
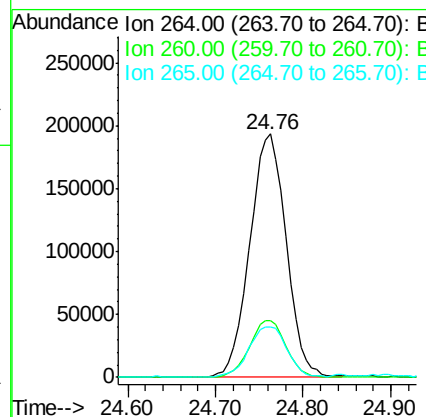
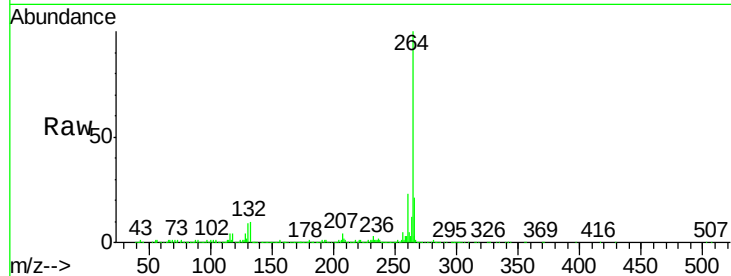
ClientSampleId :

NMDUP01-COMP-2020-0-6

Tgt Ion:	264	Resp:	546926
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.2	27.4
265	20.7	17.6	26.4

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#88

Benzo(b)fluoranthene

Concen: 6.88 ng

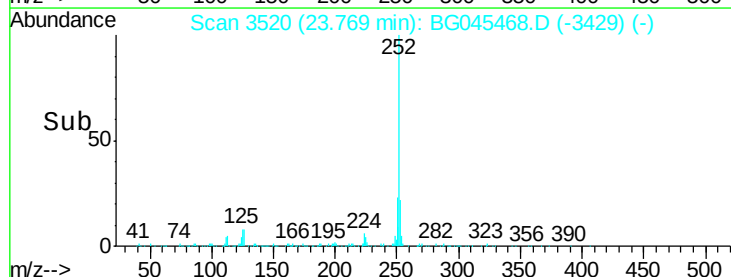
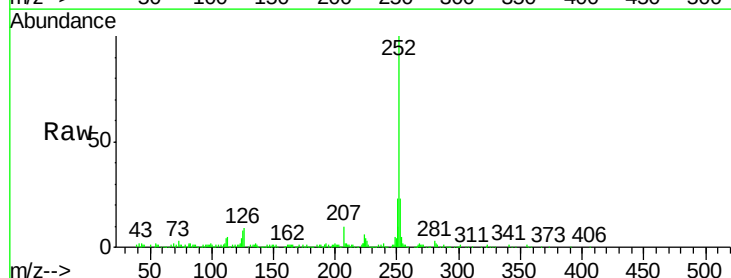
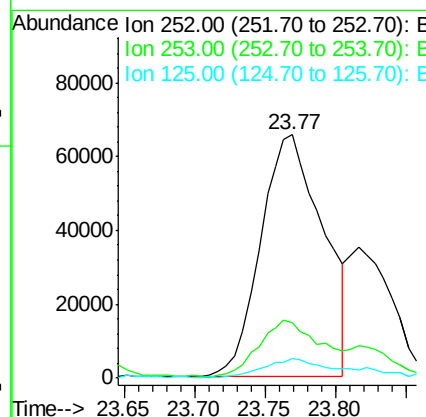
RT: 23.77 min Scan# 3520

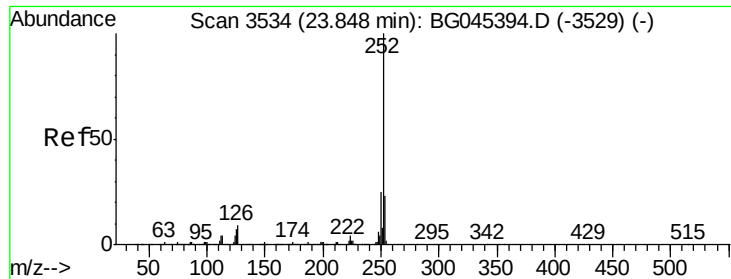
Delta R.T. 0.00 min

Lab File: BG045468.D

Acq: 26 May 2020 22:19

Tgt Ion:	252	Resp:	201851
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.1	27.1
125	8.3	5.0	7.6#





#89

Benzo(k)fluoranthene

Concen: 2.80 ng m

RT: 23.82 min Scan# 3528

Delta R.T. -0.02 min

Lab File: BG045468.D

Acq: 26 May 2020 22:19

Instrument :

BNA_G

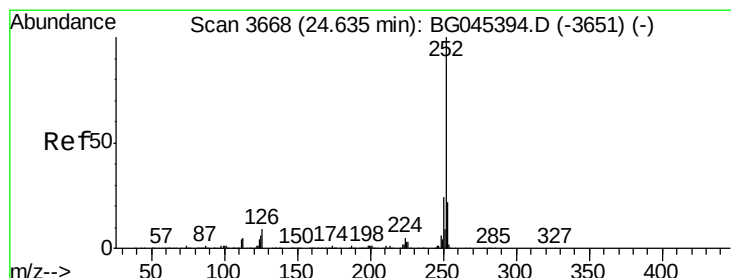
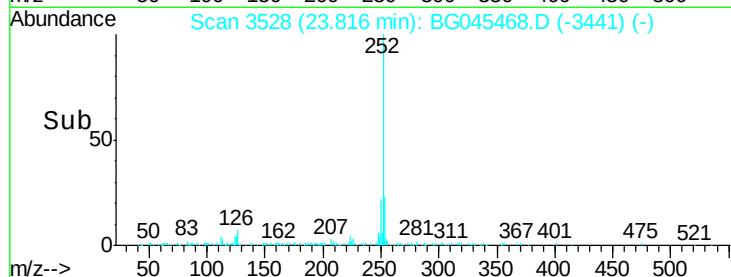
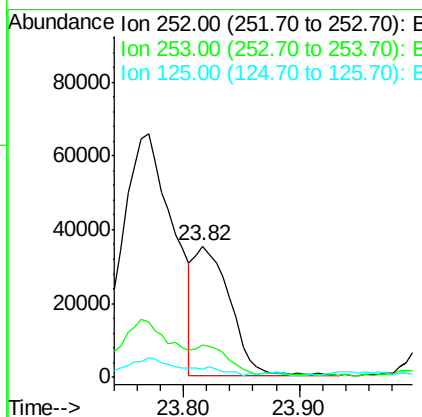
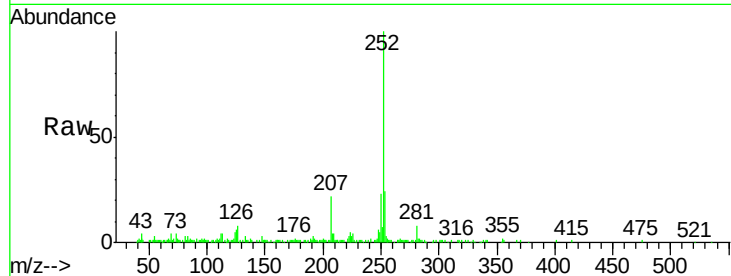
ClientSampleId :

NMDUP01-COMP-2020-0-6

Tgt Ion:	252	Resp:	77222
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.4	27.6
125	6.1	5.7	8.5

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 5.29 ng

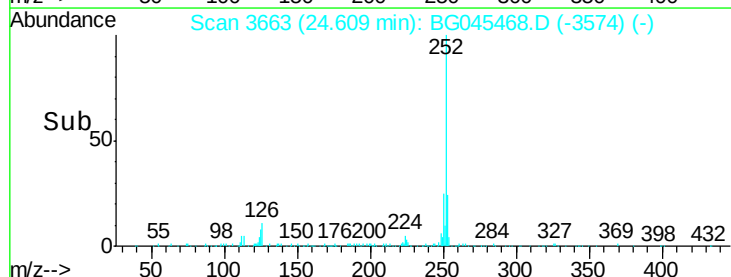
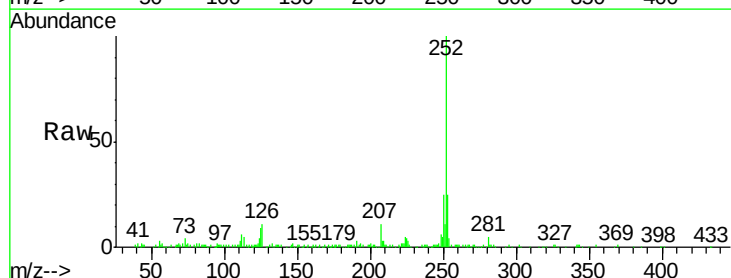
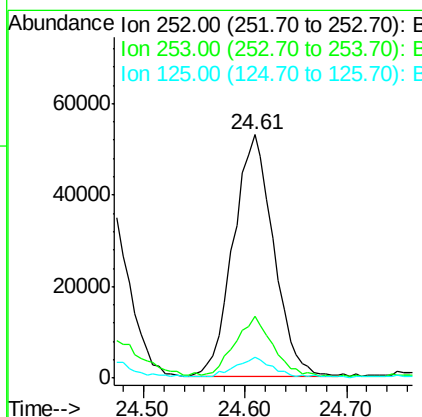
RT: 24.61 min Scan# 3663

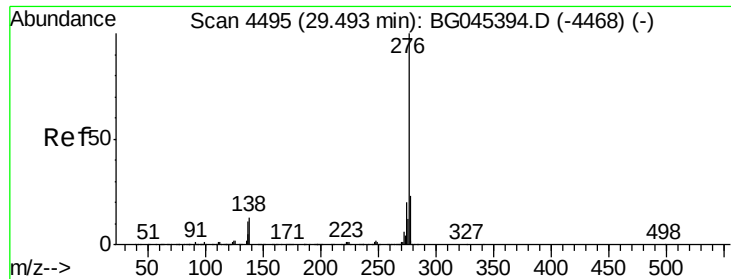
Delta R.T. -0.01 min

Lab File: BG045468.D

Acq: 26 May 2020 22:19

Tgt Ion:	252	Resp:	144425
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.2	25.8
125	8.8	5.0	7.6





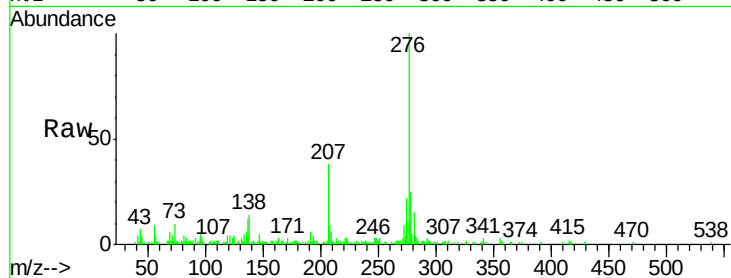
#92
 Benzo(g,h,i)perylene
 Concen: 3.64 ng
 RT: 29.43 min Scan# 4484
 Delta R.T. -0.03 min
 Lab File: BG045468.D
 Acq: 26 May 2020 22:19

Instrument :
 BNA_G
 ClientSampleId :
 NMDUP01-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.1	27.1
138	14.5	10.2	15.4

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

