

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
 Data File : BG045485.D
 Acq On : 27 May 2020 20:59
 Operator : CG/JU
 Sample : L2746-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NMDUP03-COMP-2020-0-6

Manual Integrations
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 5/29/2020 10:24:58 PM

Quant Time: May 28 01:37:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 13:40:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	112430	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	459494	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	309934	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	653519	20.00	ng	0.00
76) Chrysene-d12	21.61	240	565855	20.00	ng	0.00
87) Perylene-d12	24.76	264	615241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	510635	88.76	ng	0.00
7) Phenol-d6	7.17	99	769602	93.99	ng	0.00
23) Nitrobenzene-d5	9.12	82	558533	66.29	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	372782	94.05	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1269000	69.45	ng	0.00
79) Terphenyl-d14	19.97	244	1675239	69.05	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	224962	10.581	ng	98
71) Phenanthrene	17.39	178	141726	4.968	ng	97
75) Fluoranthene	19.40	202	299503	8.253	ng	98
78) Pyrene	19.76	202	277658	8.608	ng	98
81) Benzo(a)anthracene	21.59	228	152016	4.823	ng	98
83) Chrysene	21.65	228	131031	4.323	ng	95
86) Indeno(1,2,3-cd)pyrene	28.33	276	102413	2.584	ng	98
88) Benzo(b)fluoranthene	23.77	252	201801	6.116	ng	# 98
89) Benzo(k)fluoranthene	23.82	252	71155m	2.295	ng	
90) Benzo(a)pyrene	24.60	252	150937	4.912	ng	97
92) Benzo(g,h,i)perylene	29.43	276	97968	3.172	ng	97

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

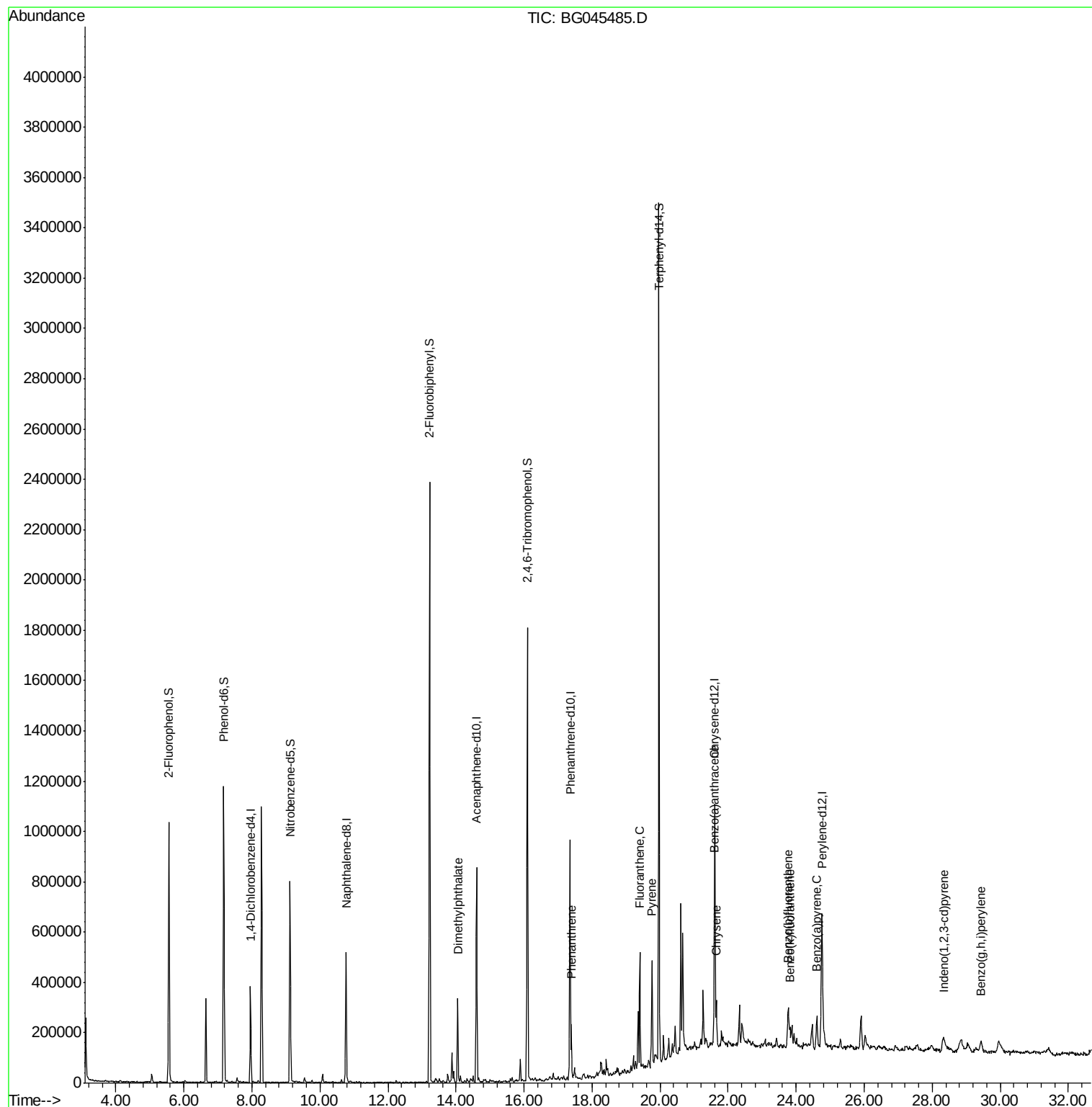
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
Data File : BG045485.D
Acq On : 27 May 2020 20:59
Operator : CG/JU
Sample : L2746-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

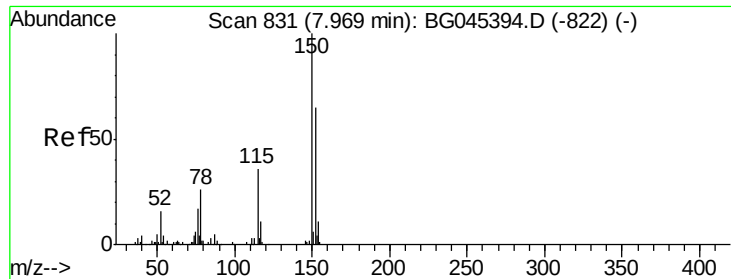
Instrument :
BNA_G
ClientSampleId :
NMDUP03-COMP-2020-0-6

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Quant Time: May 28 01:37:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 13:40:45 2020
Response via : Initial Calibration





#1

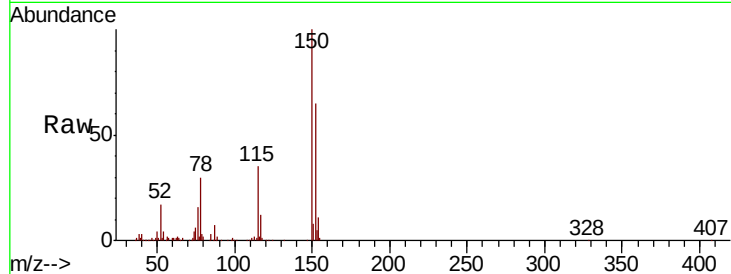
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG045485.D
Acq: 27 May 2020 20:59

Instrument :
BNA_G
ClientSampleId :
NMDUP03-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	122.4	183.6
115	54.2	44.2	66.4

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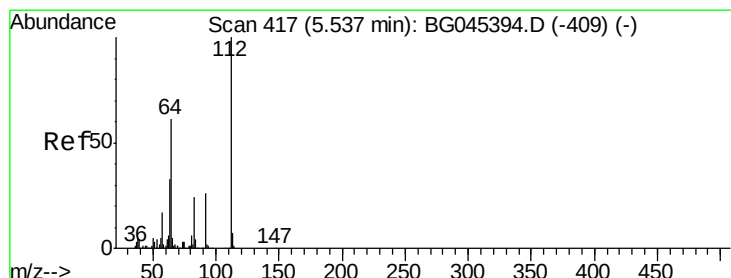
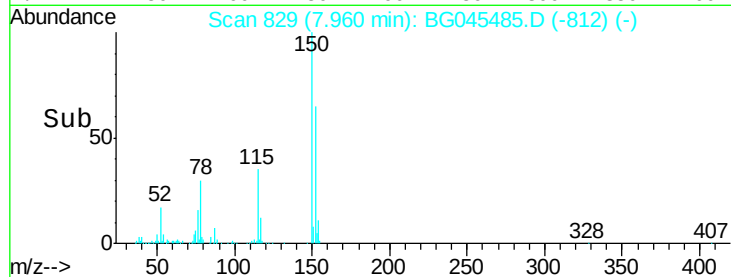
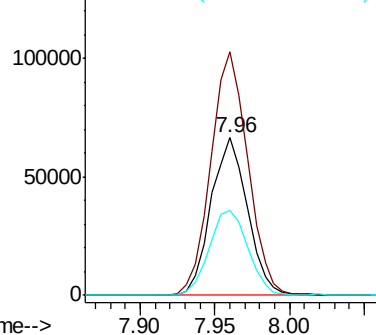


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

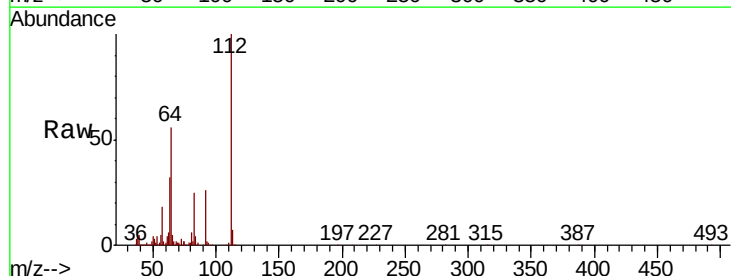
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 88.760 ng
RT: 5.56 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG045485.D
Acq: 27 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	48.6	72.8
63	32.1	26.5	39.7

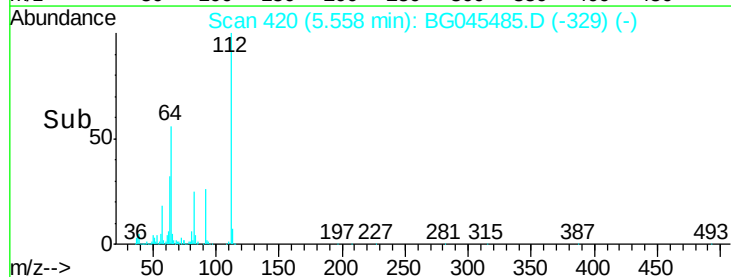
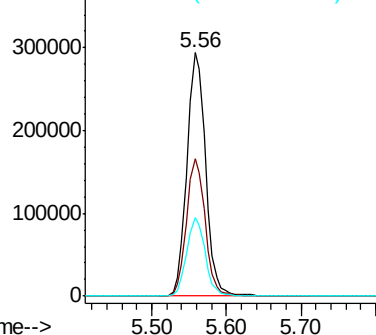


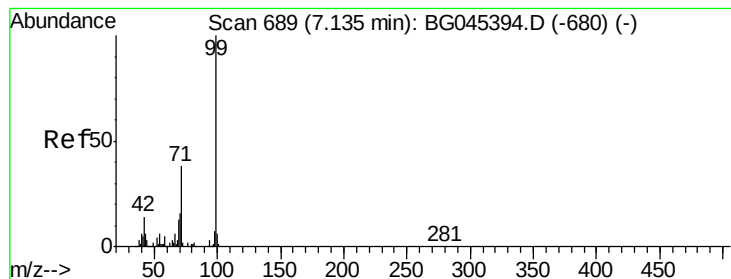
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 93.989 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045485.D

Acq: 27 May 2020 20:59

Instrument :

BNA_G

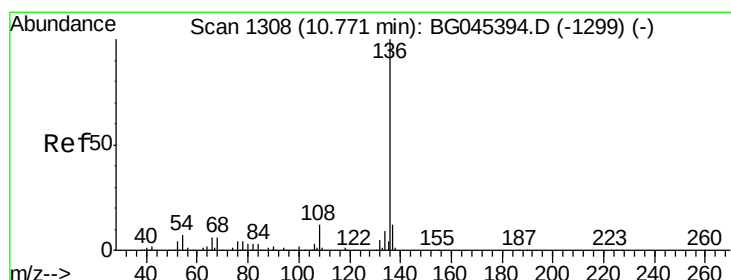
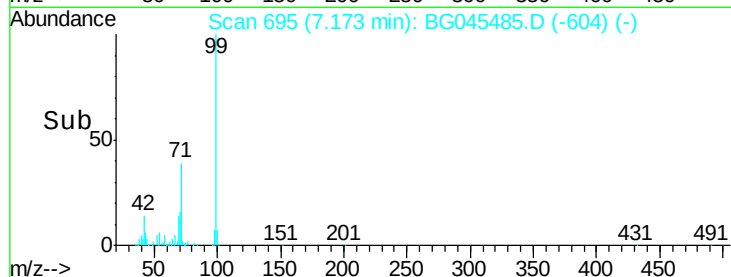
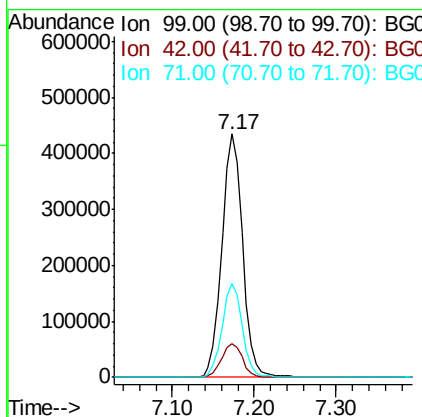
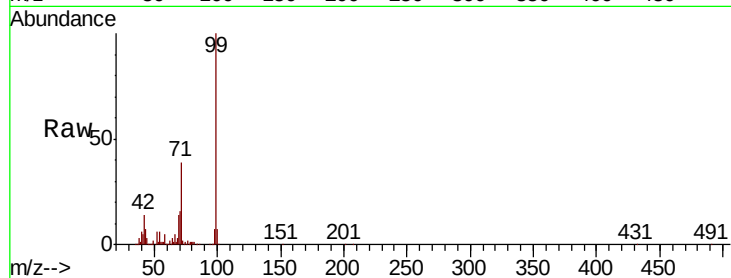
ClientSampleId :

NMDUP03-COMP-2020-0-6

Tot Ion:	99	Resp:	769602
Ion Ratio	Lower	Upper	
99	100		
42	14.0	11.3	16.9
71	38.8	30.8	46.2

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#21

Naphthalene-d8

Concen: 20.000 ng

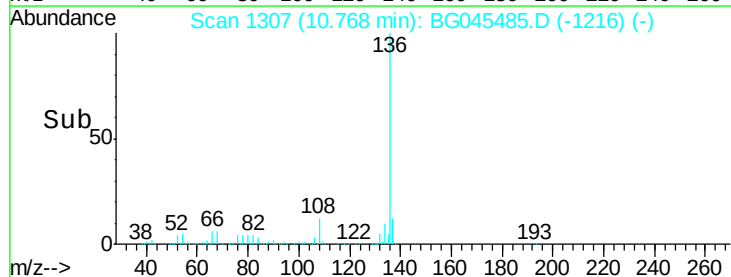
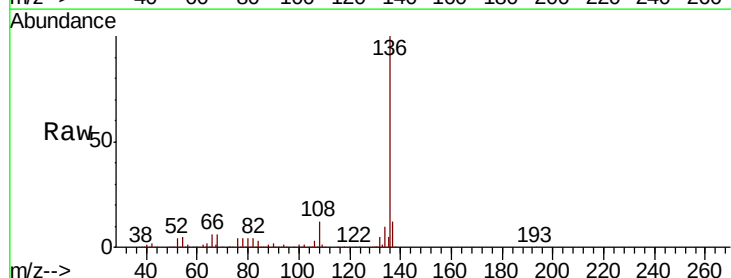
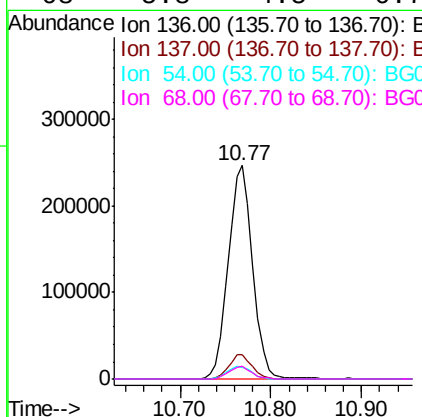
RT: 10.77 min Scan# 1307

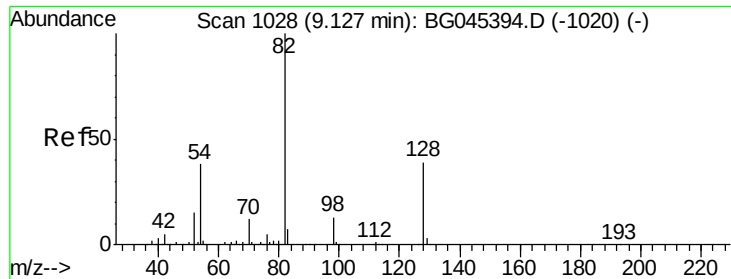
Delta R.T. 0.00 min

Lab File: BG045485.D

Acq: 27 May 2020 20:59

Tgt Ion:	136	Resp:	459494
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.4	14.2
54	5.4	5.8	8.6
68	5.8	4.5	6.7





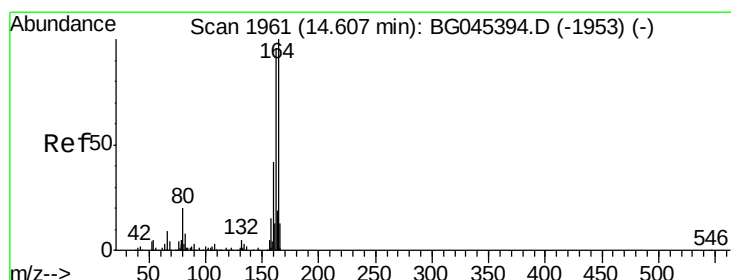
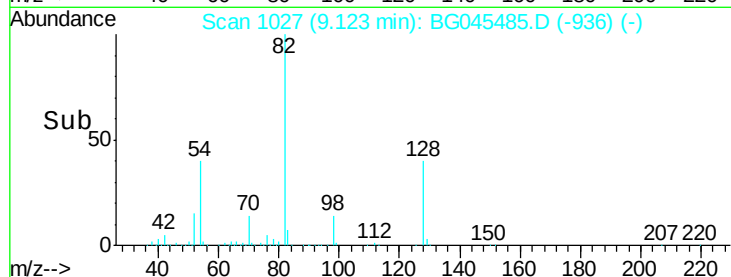
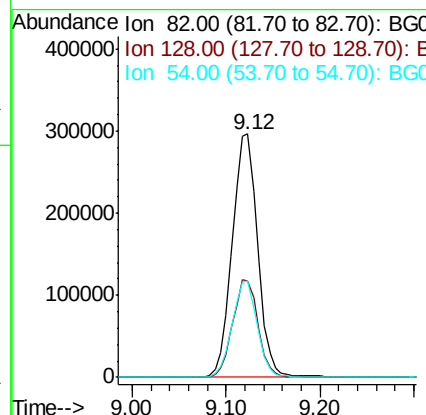
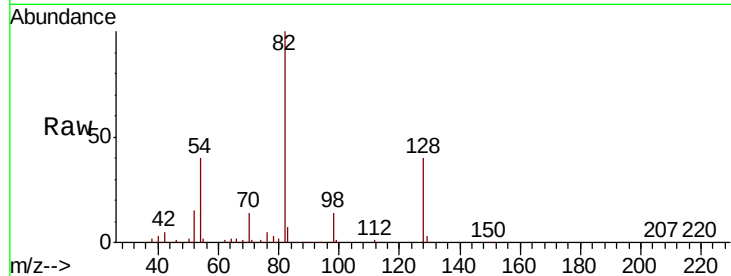
#23
 Nitrobenzene-d5
 Concen: 66.285 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045485.D
 Acq: 27 May 2020 20:59

Instrument :
 BNA_G
 ClientSampleId :
 NMDUP03-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	30.9	46.3
54	39.7	30.3	45.5

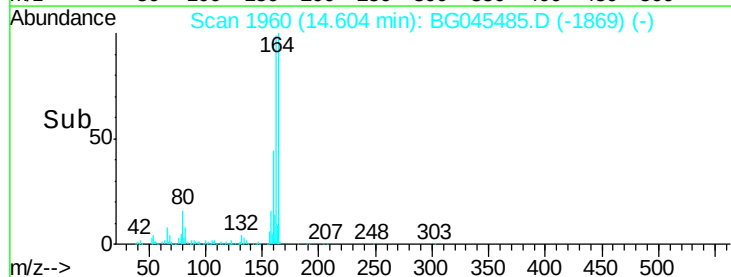
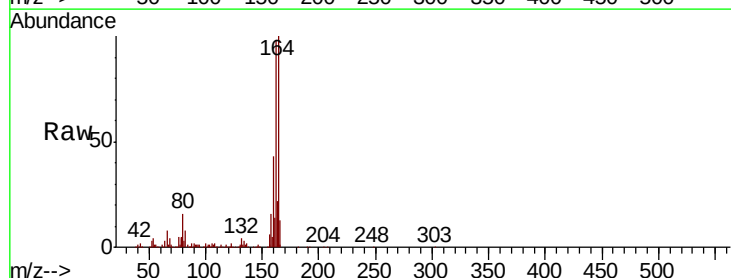
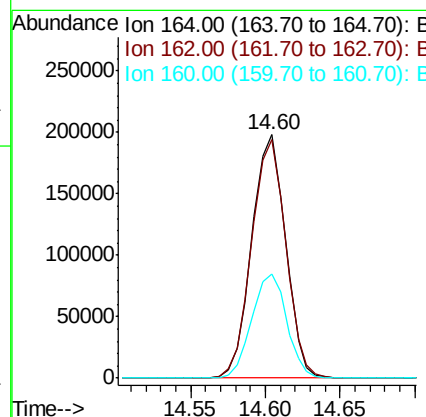
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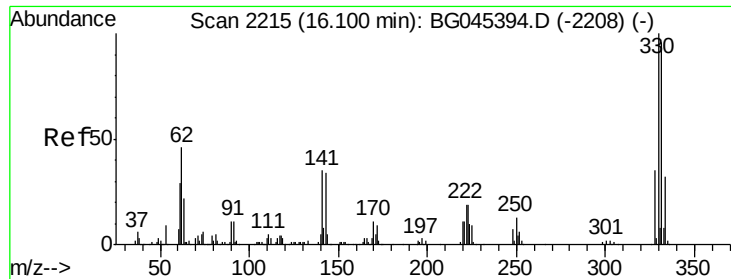
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BG045485.D
 Acq: 27 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.7	76.9	115.3
160	42.9	33.8	50.8





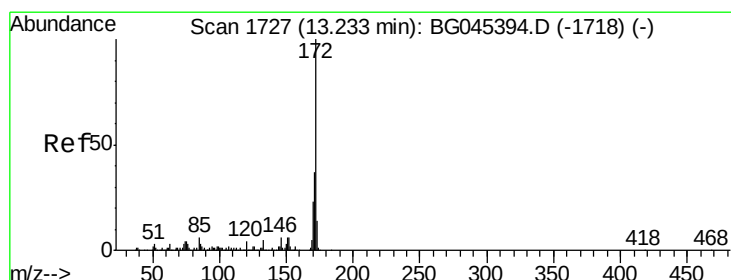
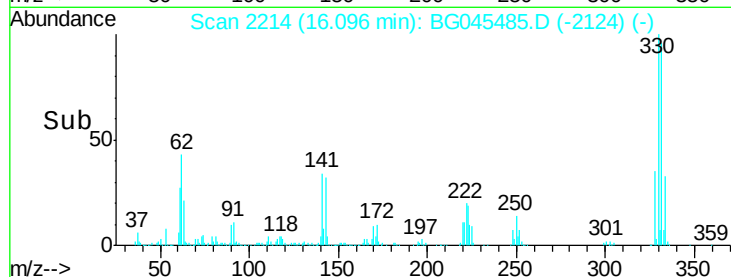
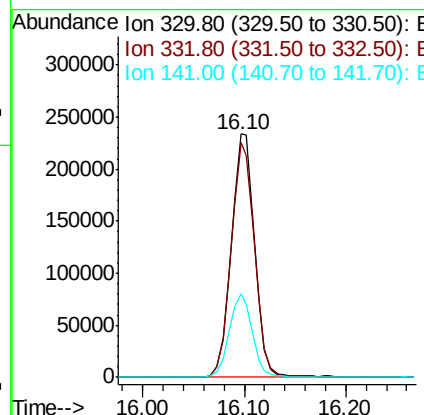
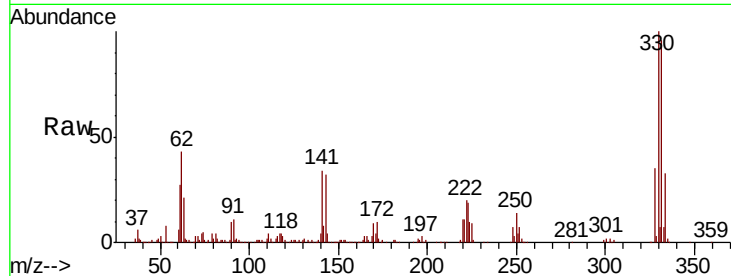
#42
 2,4,6-Tribromophenol
 Concen: 94.049 ng
 RT: 16.10 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG045485.D
 Acq: 27 May 2020 20:59

Instrument :
 BNA_G
 ClientSampleId :
 NMDUP03-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.2	117.4
141	33.6	28.2	42.4

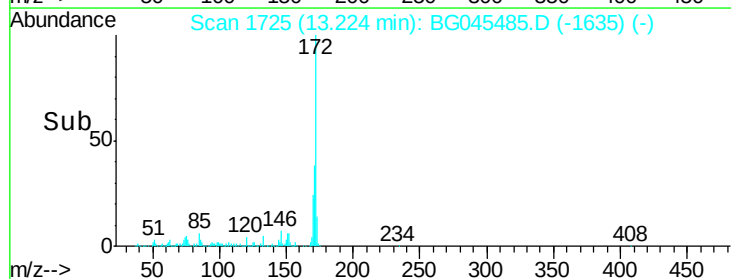
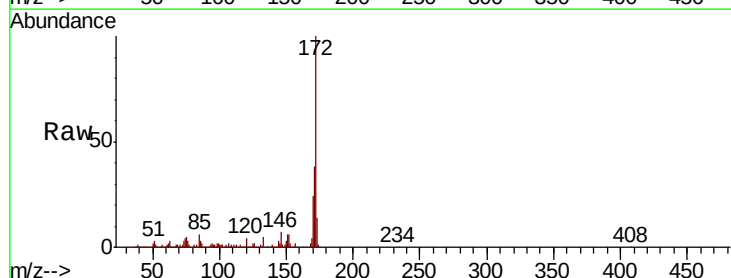
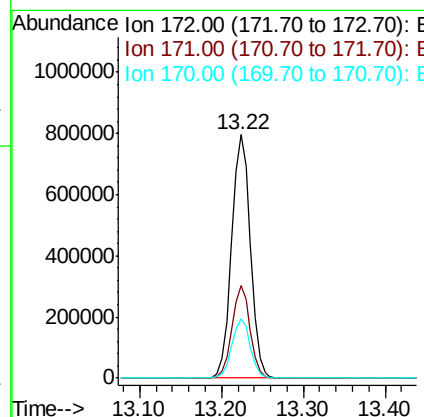
Manual Integrations
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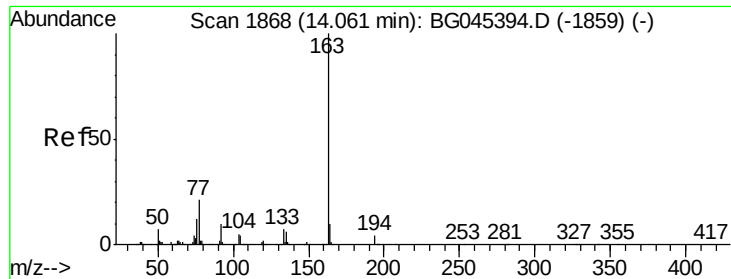
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#45
 2-Fluorobiphenyl
 Concen: 69.450 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG045485.D
 Acq: 27 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.5	44.3
170	24.3	18.5	27.7





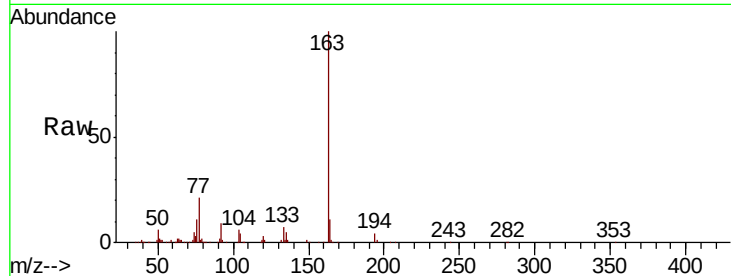
#50
Dimethylphthalate
Concen: 10.581 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045485.D
Acq: 27 May 2020 20:59

Instrument :
BNA_G
ClientSampleId :
NMDUP03-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	11.4	8.3	12.5

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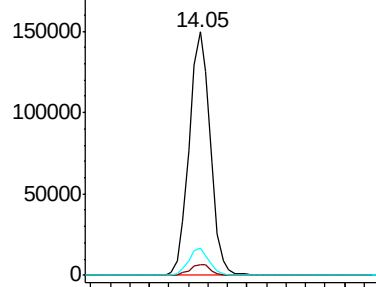


Abundance

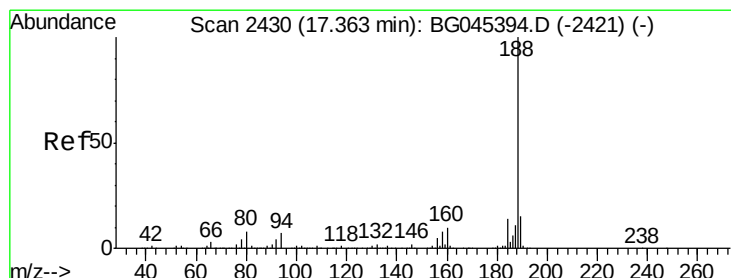
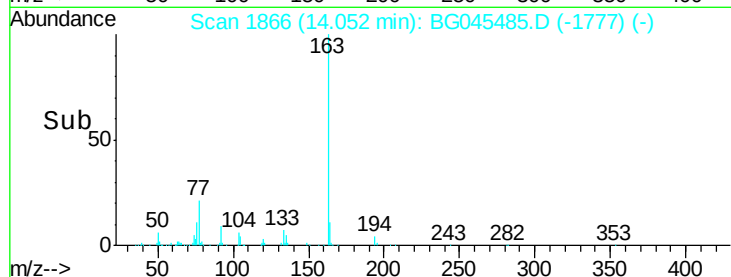
Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

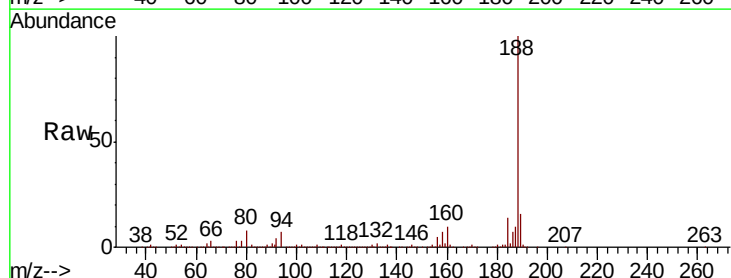


Time-->



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG045485.D
Acq: 27 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.5	8.3
80	8.3	6.6	10.0

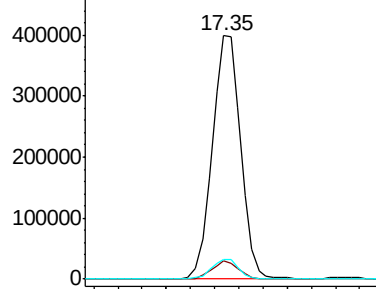


Abundance

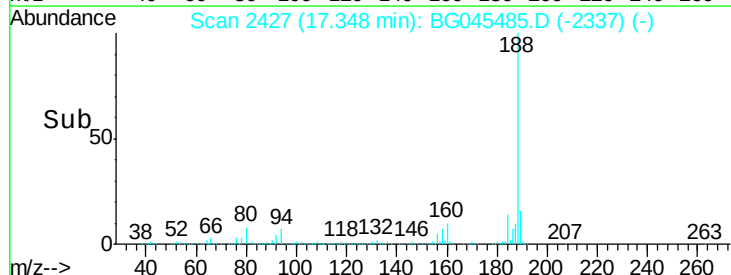
Ion 188.00 (187.70 to 188.70): E

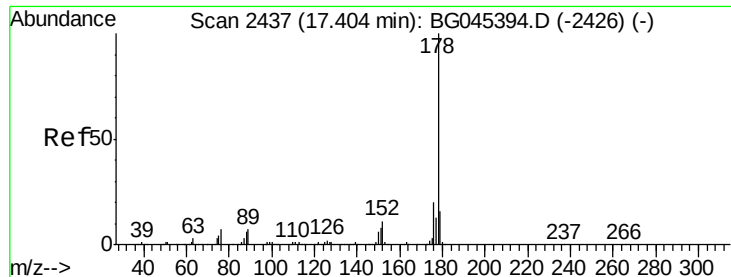
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->





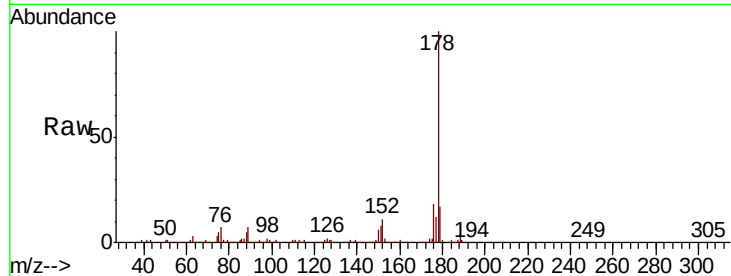
#71
Phenanthrene
Concen: 4.968 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG045485.D
Acq: 27 May 2020 20:59

Instrument :
BNA_G
ClientSampleId :
NMDUP03-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.2	24.4
179	16.6	13.1	19.7

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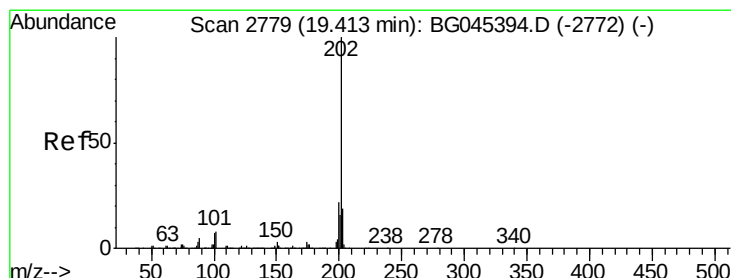
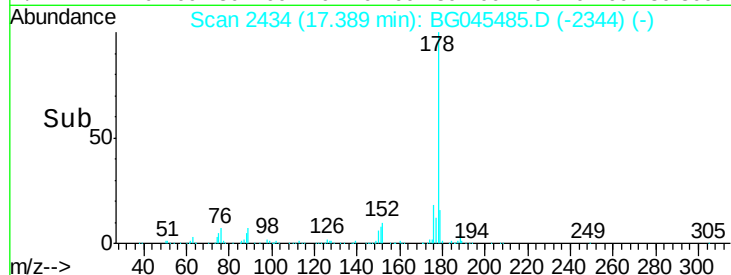
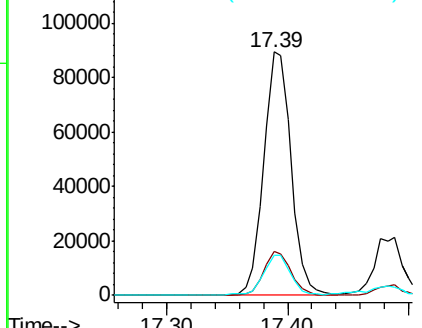


Abundance

Ion 178.00 (177.70 to 178.70): E

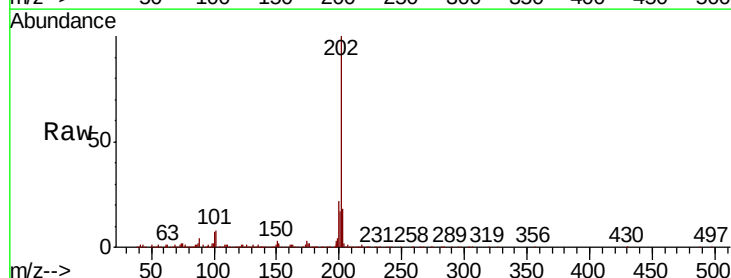
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 8.253 ng
RT: 19.40 min Scan# 2777
Delta R.T. 0.00 min
Lab File: BG045485.D
Acq: 27 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.3
203	17.6	0.0	39.0

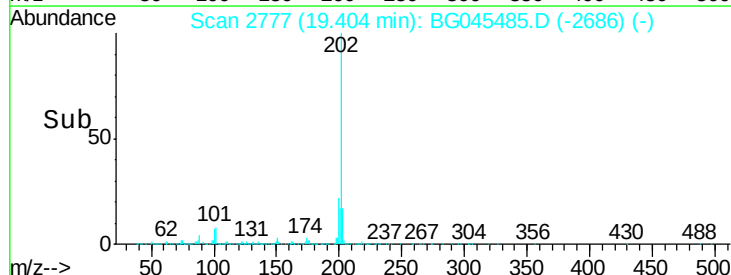
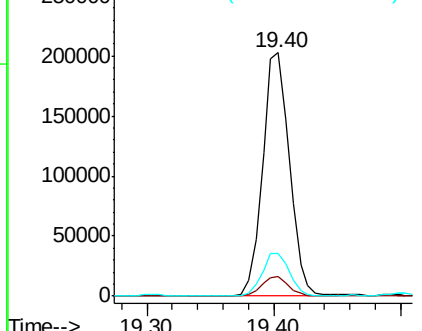


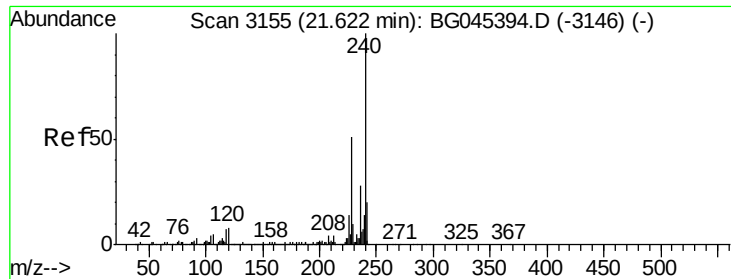
Abundance

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





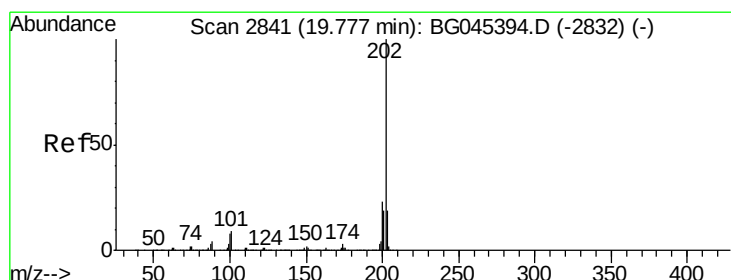
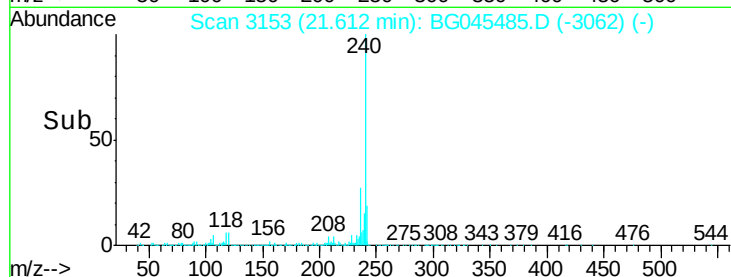
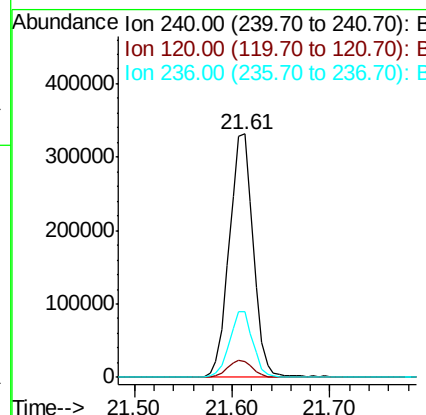
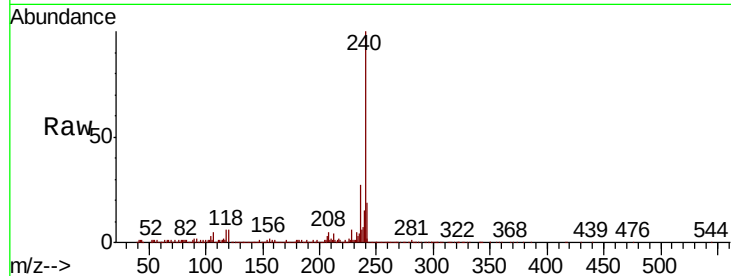
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG045485.D
Acq: 27 May 2020 20:59

Instrument :
BNA_G
ClientSampleId :
NMDUP03-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.1	9.1
236	26.8	22.3	33.5

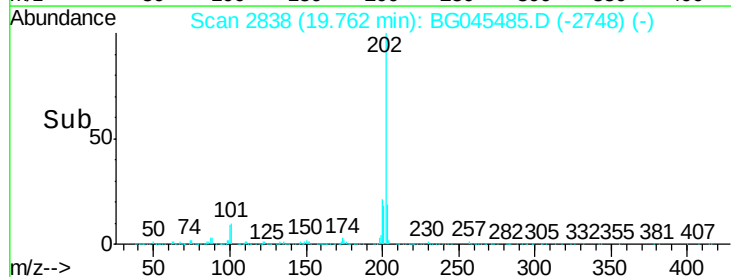
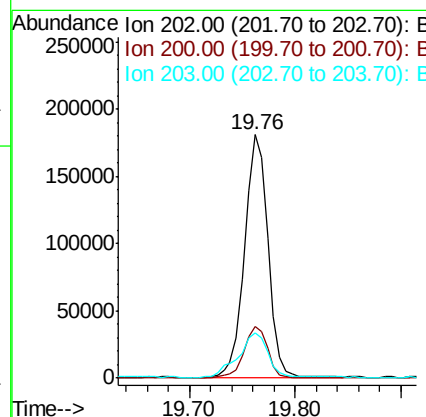
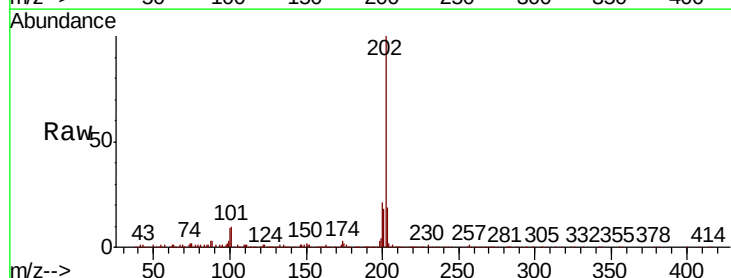
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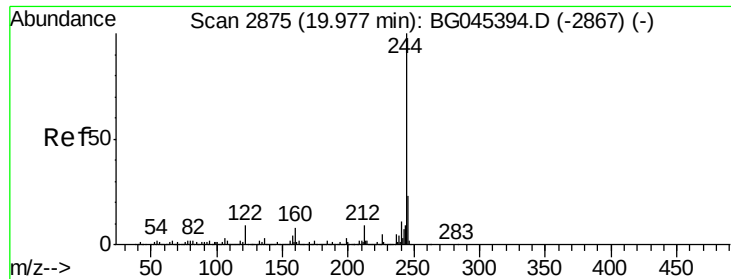
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#78
Pyrene
Concen: 8.608 ng
RT: 19.76 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BG045485.D
Acq: 27 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.2	27.2
203	18.6	15.1	22.7





#79

Terphenyl-d14

Concen: 69.049 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045485.D

Acq: 27 May 2020 20:59

Instrument :

BNA_G

ClientSampleId :

NMDUP03-COMP-2020-0-6

Tot Ion:244 Resp: 1675239

Ion Ratio Lower Upper

244 100

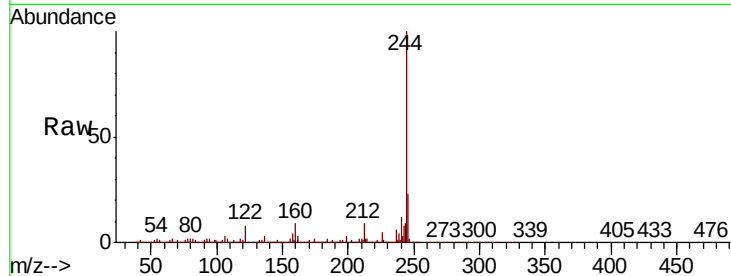
212 9.2 7.4 11.0

122 7.9 6.8 10.2

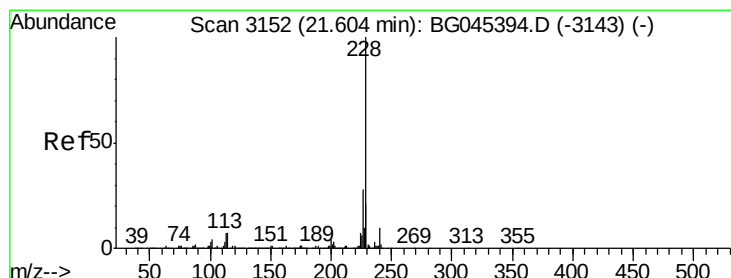
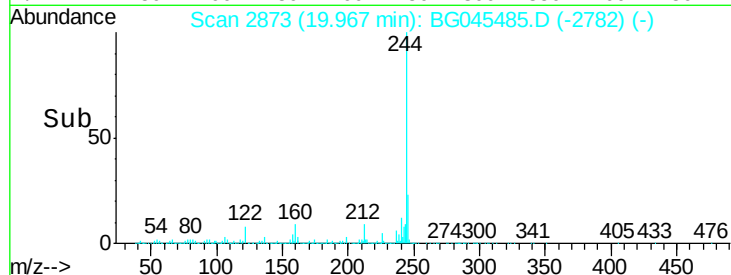
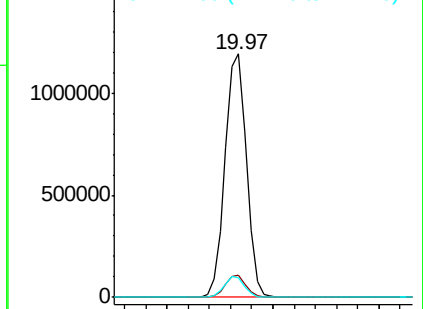
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 4.823 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG045485.D

Acq: 27 May 2020 20:59

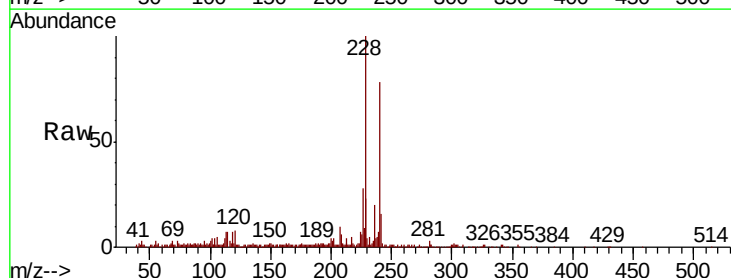
Tgt Ion:228 Resp: 152016

Ion Ratio Lower Upper

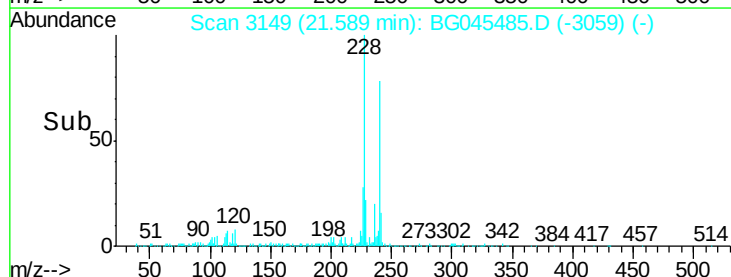
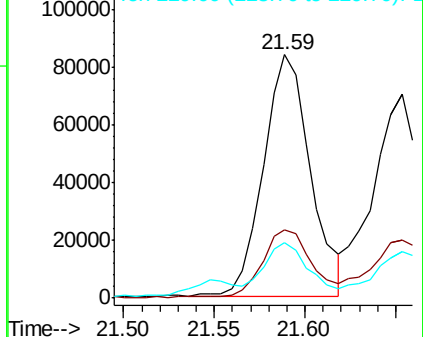
228 100

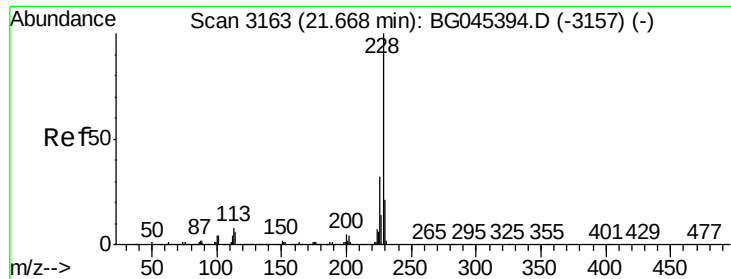
226 27.8 22.7 34.1

229 22.6 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: 4.323 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG045485.D

Acq: 27 May 2020 20:59

Instrument :

BNA_G

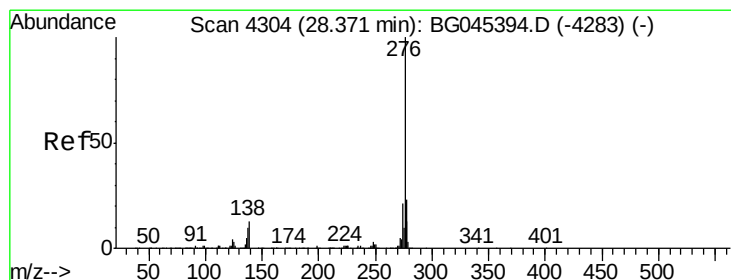
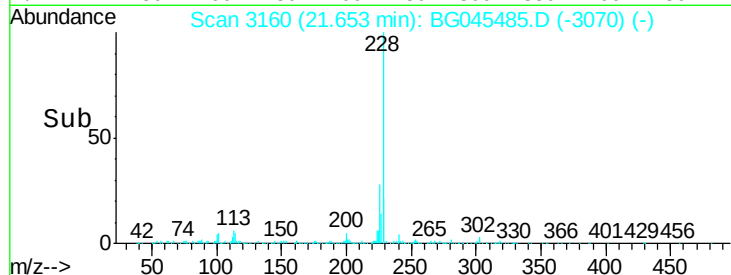
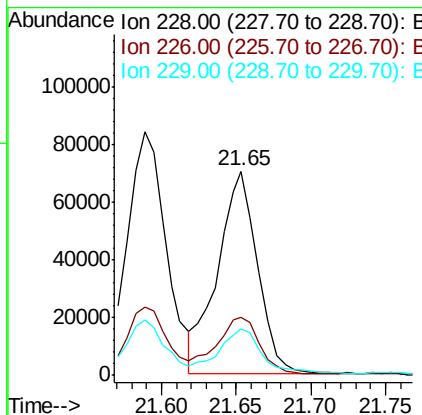
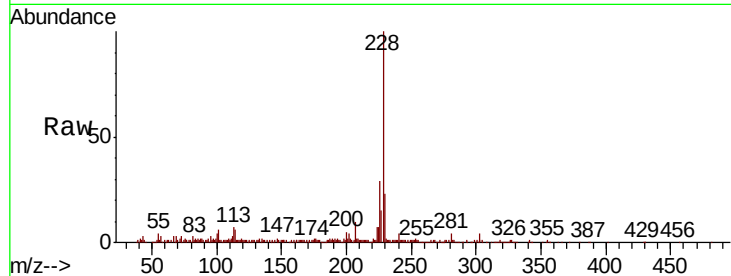
ClientSampleId :

NMDUP03-COMP-2020-0-6

Tot Ion:	228	Resp:	131031
Ion Ratio	Lower	Upper	
228	100		
226	28.6	25.2	37.8
229	22.6	16.7	25.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 2.584 ng

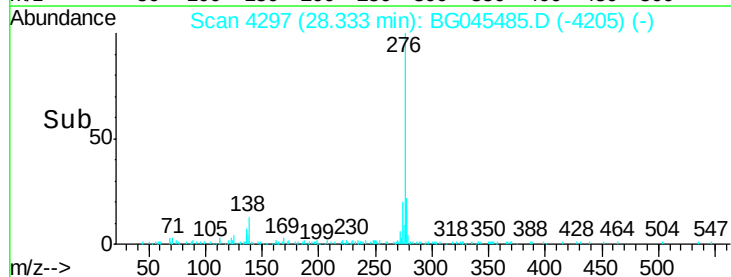
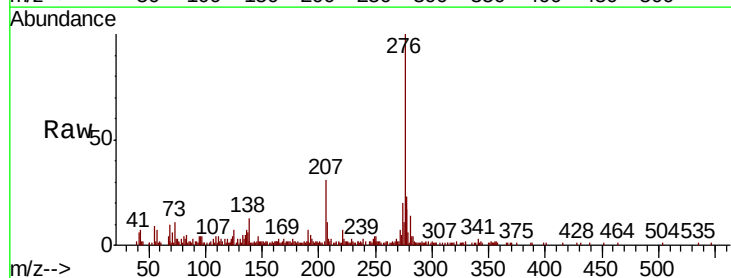
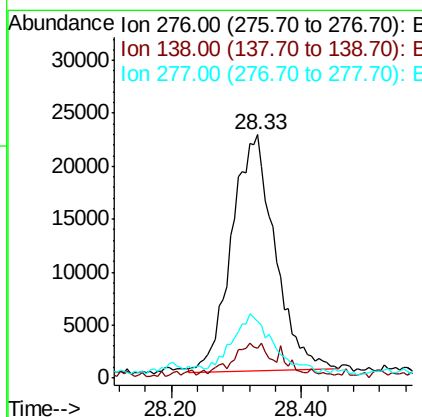
RT: 28.33 min Scan# 4297

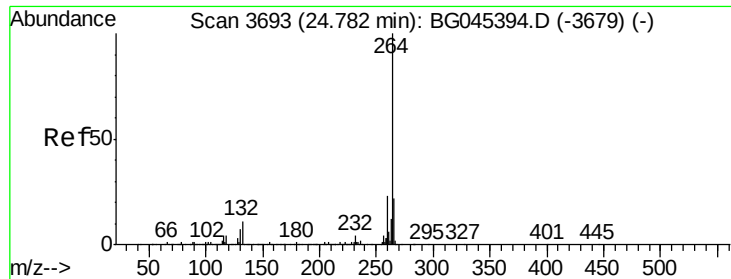
Delta R.T. 0.01 min

Lab File: BG045485.D

Acq: 27 May 2020 20:59

Tgt Ion:	276	Resp:	102413
Ion Ratio	Lower	Upper	
276	100		
138	9.0	8.6	12.8
277	25.1	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3688

Delta R.T. -0.00 min

Lab File: BG045485.D

Acq: 27 May 2020 20:59

Instrument :

BNA_G

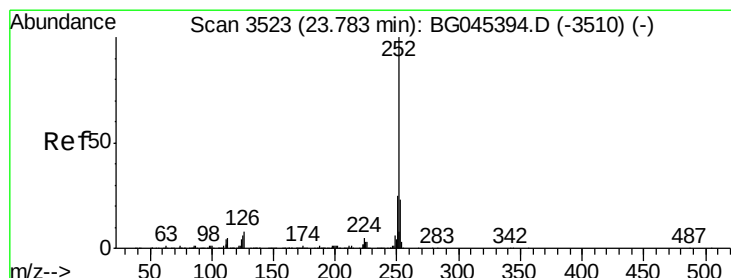
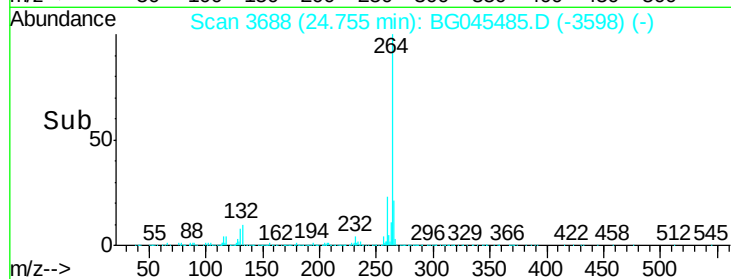
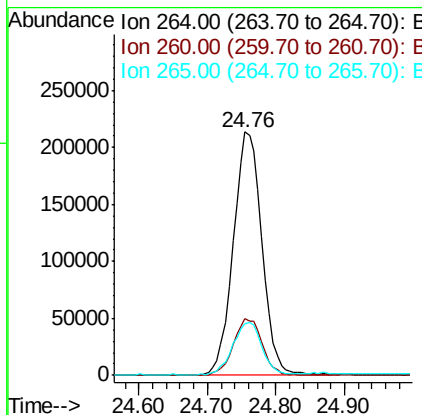
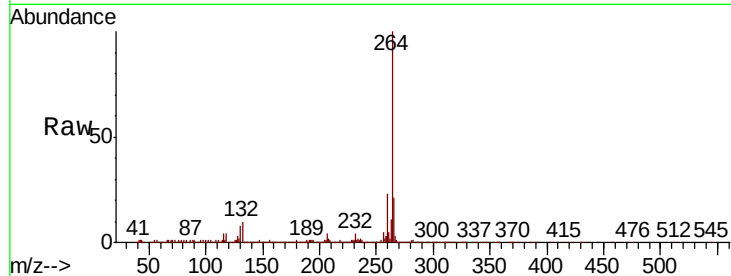
ClientSampleId :

NMDUP03-COMP-2020-0-6

Tot Ion:	264	Resp:	615241
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.2	27.4
265	21.1	17.6	26.4

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#88

Benzo(b)fluoranthene

Concen: 6.116 ng

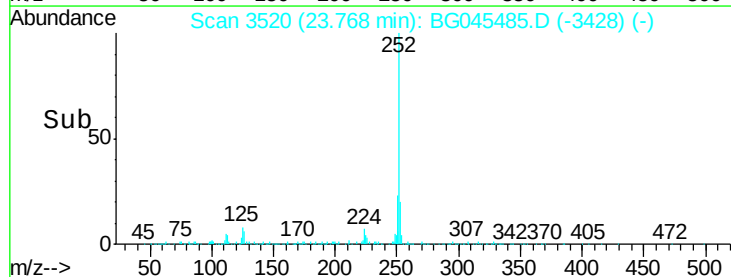
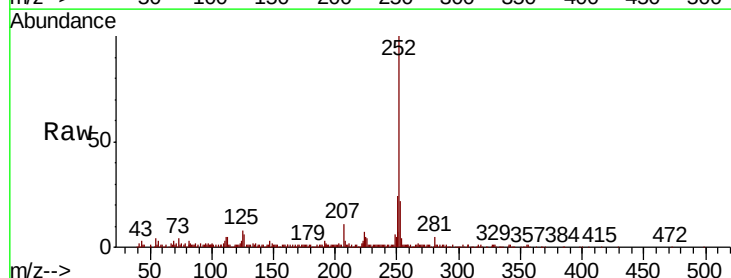
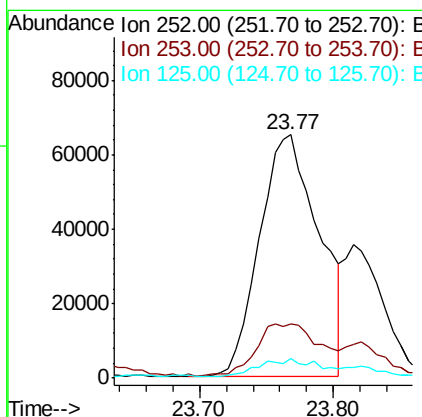
RT: 23.77 min Scan# 3520

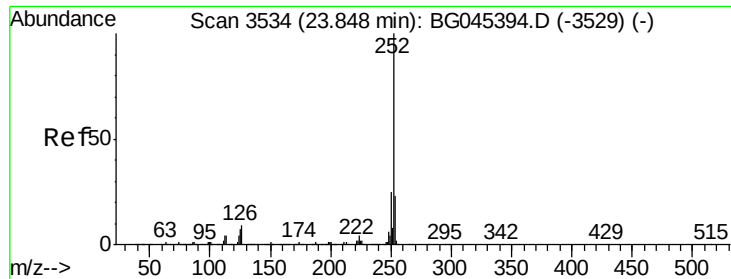
Delta R.T. 0.01 min

Lab File: BG045485.D

Acq: 27 May 2020 20:59

Tgt Ion:	252	Resp:	201801
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.1	27.1
125	8.0	5.0	7.6#





#89

Benzo(k)fluoranthene

Concen: 2.295 ng/mL

RT: 23.82 min Scan# 3528

Delta R.T. -0.01 min

Lab File: BG045485.D

Acq: 27 May 2020 20:59

Instrument :

BNA_G

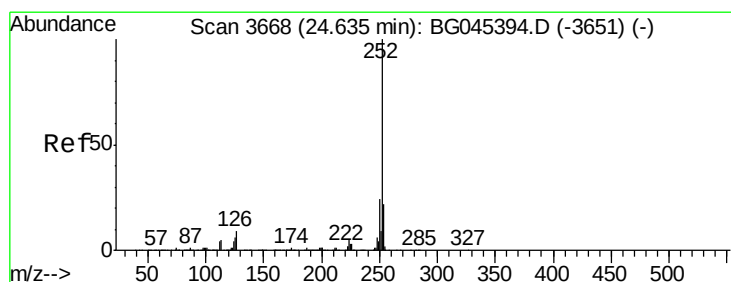
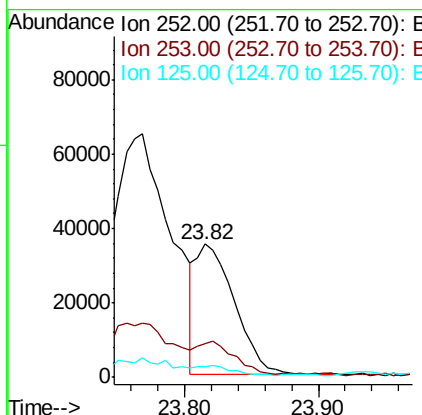
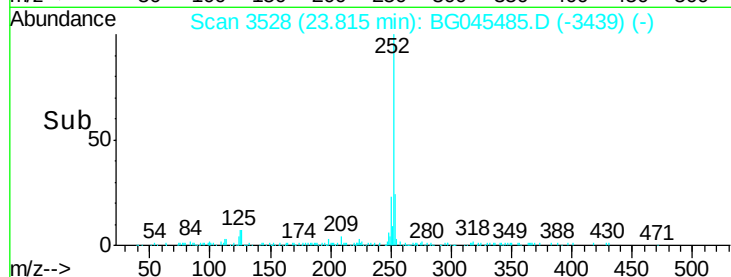
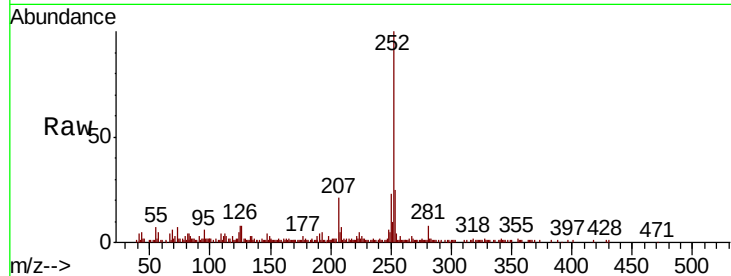
ClientSampleId :

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Tot Ion:	252	Resp:	71155
Ion Ratio	Lower	Upper	
252	100		
253	25.3	18.4	27.6
125	7.7	5.7	8.5

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#90

Benzo(a)pyrene

Concen: 4.912 ng/mL

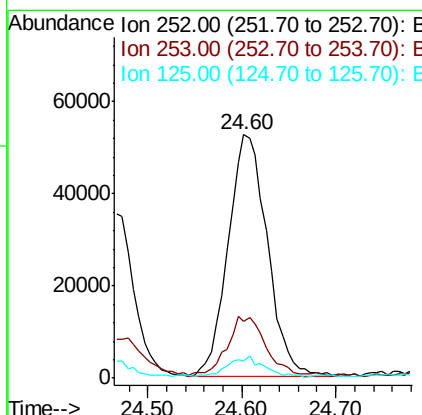
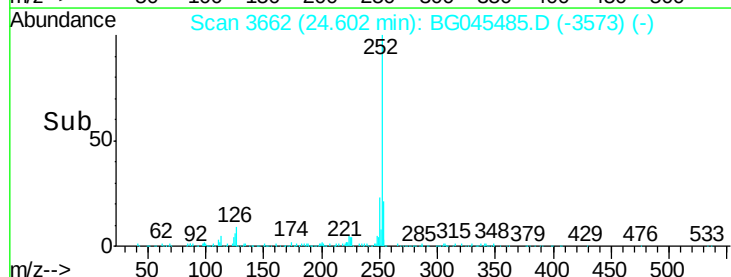
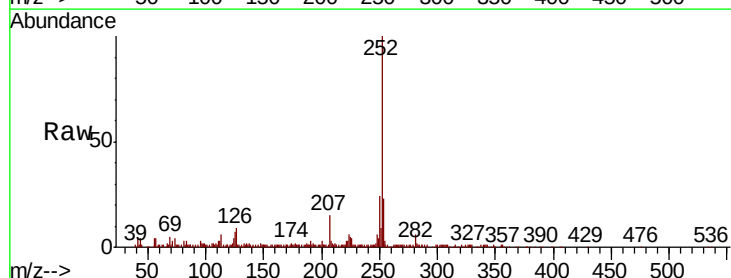
RT: 24.60 min Scan# 3662

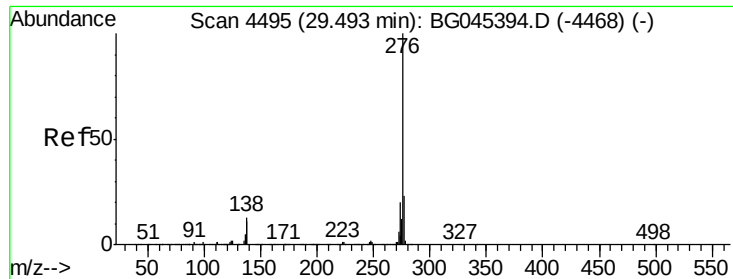
Delta R.T. -0.01 min

Lab File: BG045485.D

Acq: 27 May 2020 20:59

Tgt Ion:	252	Resp:	150937
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.2	25.8
125	6.8	5.0	7.6





#92

Benzo(a,h,i)perylene

Concen: 3.172 ng

RT: 29.43 min Scan# 4484

Delta R.T. -0.02 min

Lab File: BG045485.D

Acq: 27 May 2020 20:59

Instrument :

BNA_G

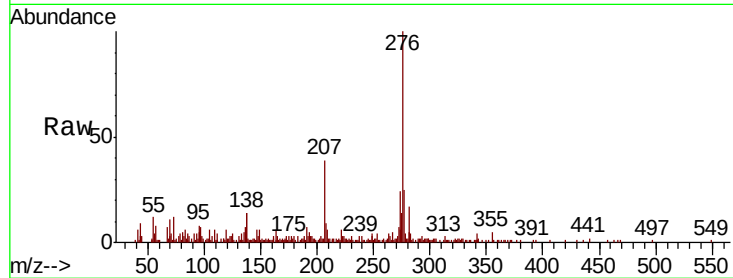
ClientSampleId :

NMDUP03-COMP-2020-0-6

Tot Ion:	276	Resp:	97968
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.1	27.1
138	13.7	10.2	15.4

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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

