

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
 Data File : BG045486.D
 Acq On : 27 May 2020 21:40
 Operator : CG/JU
 Sample : L2746-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM70-COMP-2020-0-6

Manual Integrations
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mohammad
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Quant Time: May 28 01:42:27 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	106382	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	445037	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	299624	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	615136	20.00	ng	0.00
76) Chrysene-d12	21.61	240	524642	20.00	ng	0.00
87) Perylene-d12	24.76	264	582468	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	395326	72.62	ng	0.00
7) Phenol-d6	7.18	99	631266	81.48	ng	0.00
23) Nitrobenzene-d5	9.12	82	446404	54.70	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	308898	80.61	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1054883	59.72	ng	0.00
79) Terphenyl-d14	19.96	244	1400472	62.26	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	14.05	163	121260	5.900	ng	99
71) Phenanthrene	17.39	178	302370	11.260	ng	99
72) Anthracene	17.48	178	74385	2.758	ng	98
75) Fluoranthene	19.40	202	592151	17.336	ng	99
78) Pyrene	19.76	202	538202	17.996	ng	98
81) Benzo(a)anthracene	21.59	228	300536	10.283	ng	97
83) Chrysene	21.66	228	278122	9.897	ng	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	188296	5.124	ng	96
88) Benzo(b)fluoranthene	23.77	252	388087	12.423	ng	96
89) Benzo(k)fluoranthene	23.82	252	130469m	4.446	ng	
90) Benzo(a)pyrene	24.61	252	290473	9.984	ng	97
92) Benzo(a,h,i)perylene	29.44	276	173859	5.946	ng	96

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

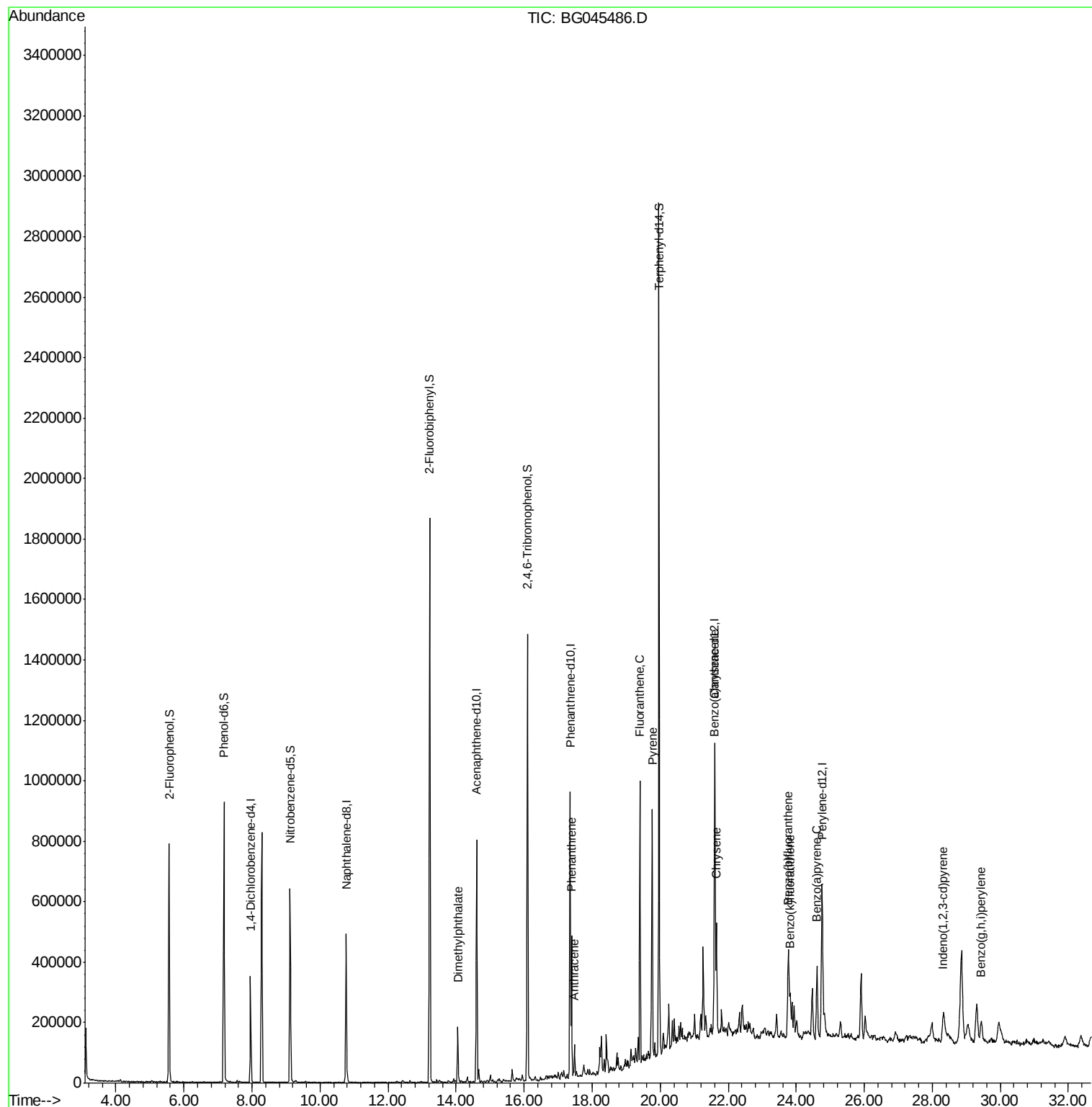
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
Data File : BG045486.D
Acq On : 27 May 2020 21:40
Operator : CG/JU
Sample : L2746-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

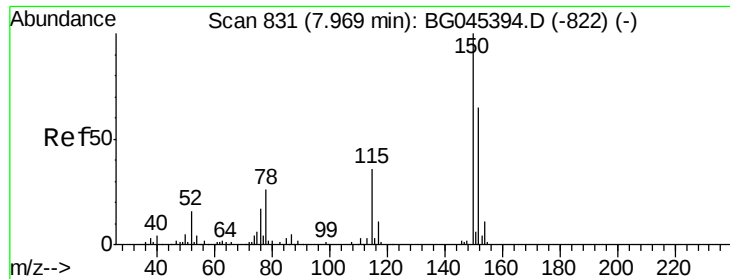
Instrument :
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NM70-COMP-2020-0-6

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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

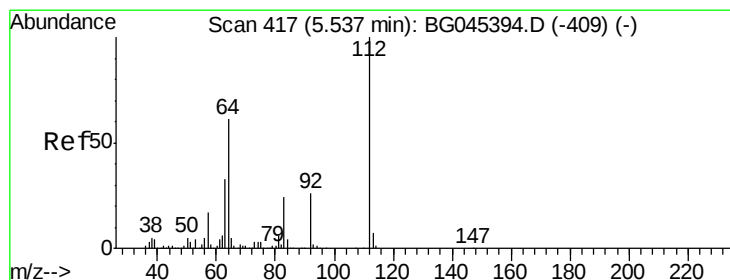
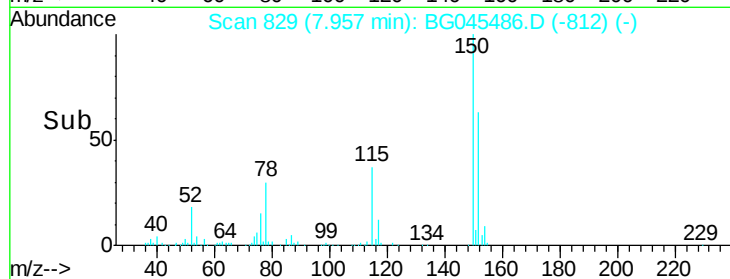
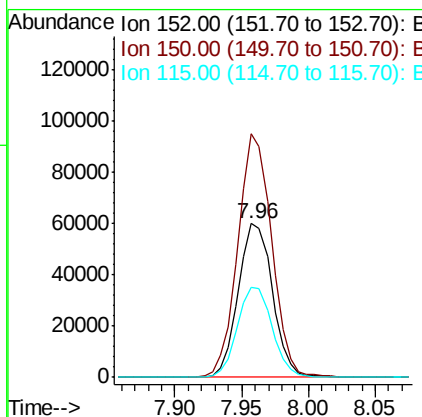
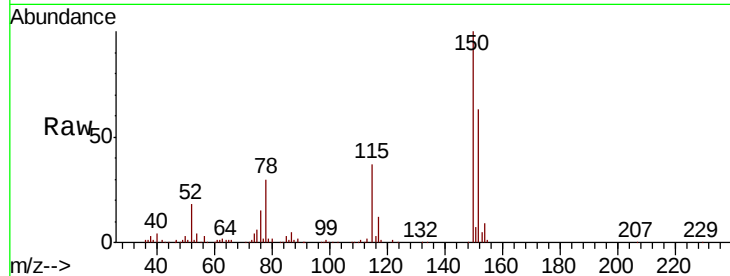
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG045486.D
Acq: 27 May 2020 21:40

Instrument :
BNA_G
ClientSampleId :
NM70-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	122.4	183.6
115	58.6	44.2	66.4

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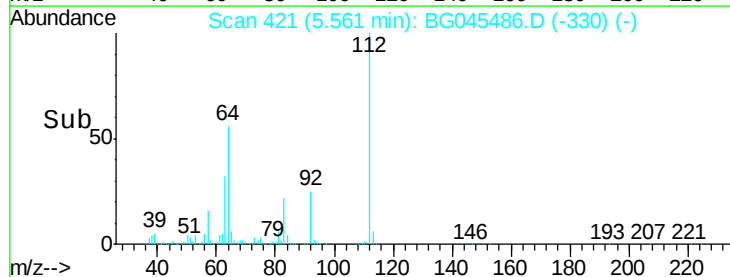
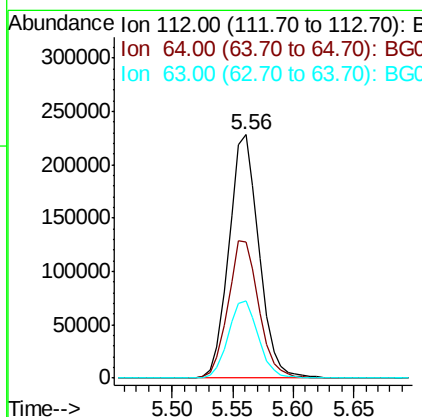
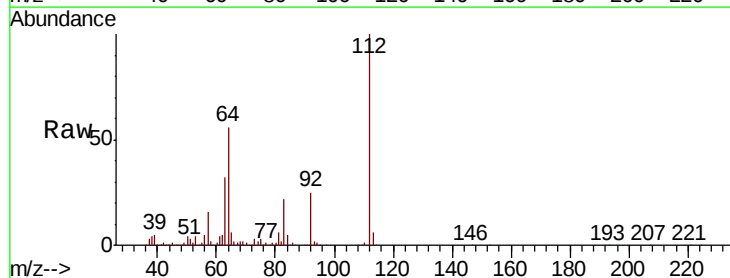
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#5

2-Fluorophenol
Concen: 72.624 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.01 min
Lab File: BG045486.D
Acq: 27 May 2020 21:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	48.6	72.8
63	32.0	26.5	39.7





#7

Phenol-d6

Concen: 81.478 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG045486.D

Acq: 27 May 2020 21:40

Instrument :

BNA_G

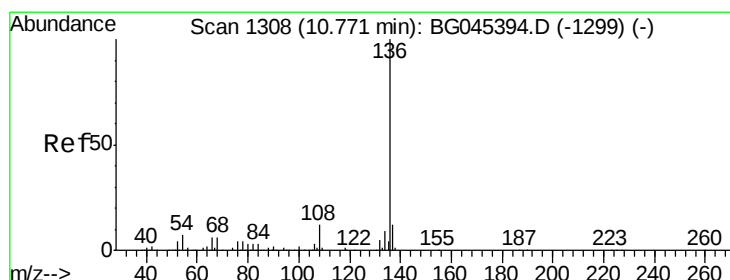
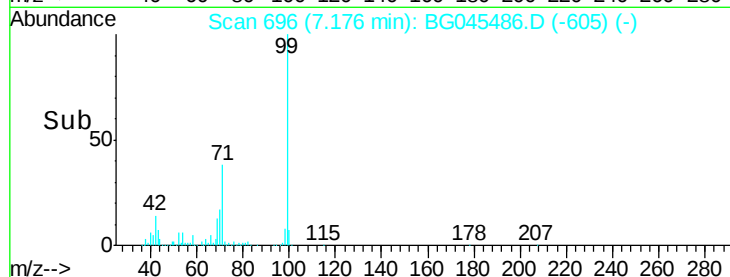
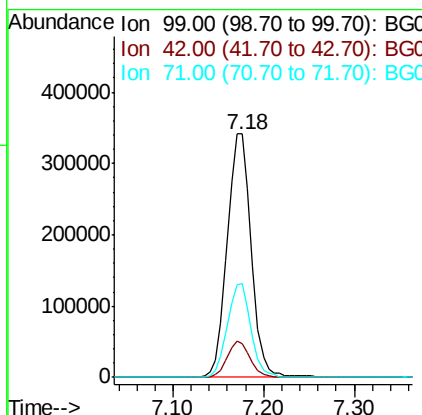
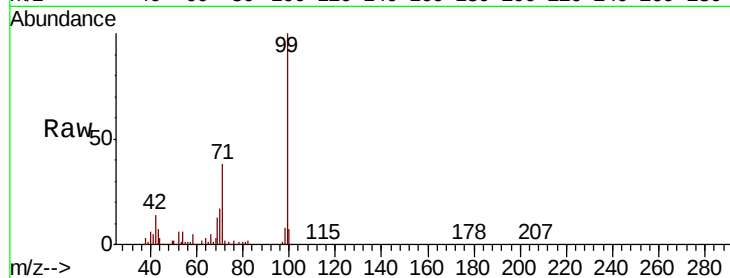
ClientSampleId :

NM70-COMP-2020-0-6

Tot Ion:	99	Resp:	631266
Ion Ratio	Lower	Upper	
99	100		
42	14.1	11.3	16.9
71	38.5	30.8	46.2

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#21

Naphthalene-d8

Concen: 20.000 ng

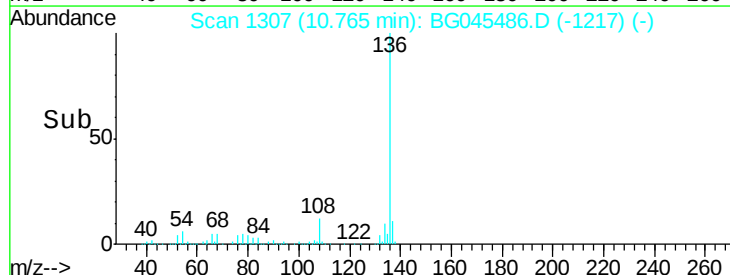
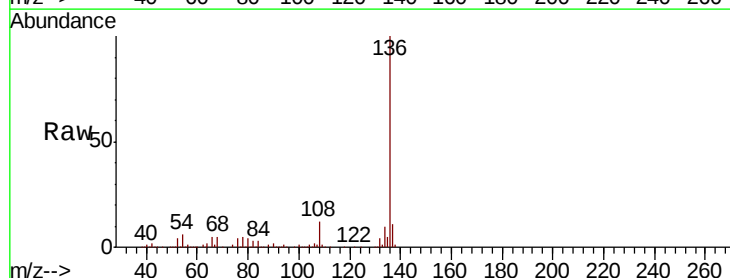
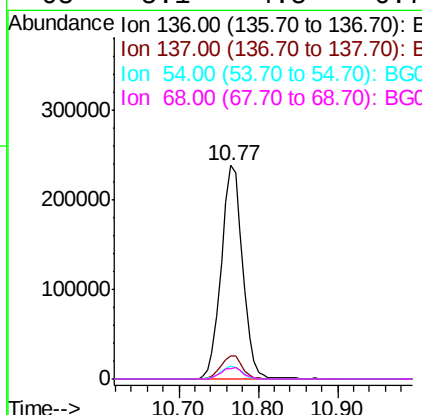
RT: 10.77 min Scan# 1307

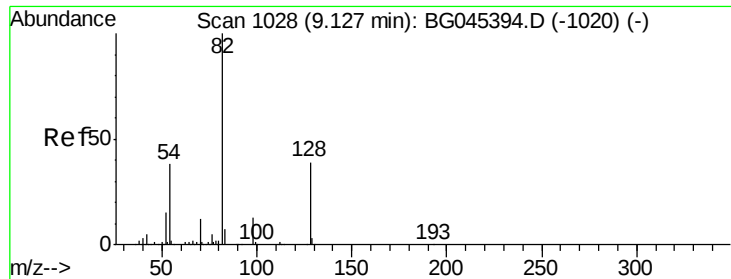
Delta R.T. -0.00 min

Lab File: BG045486.D

Acq: 27 May 2020 21:40

Tgt Ion:	136	Resp:	445037
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.4	14.2
54	5.8	5.8	8.6
68	5.1	4.5	6.7





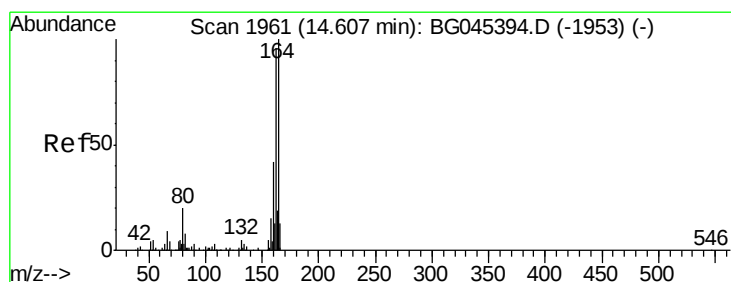
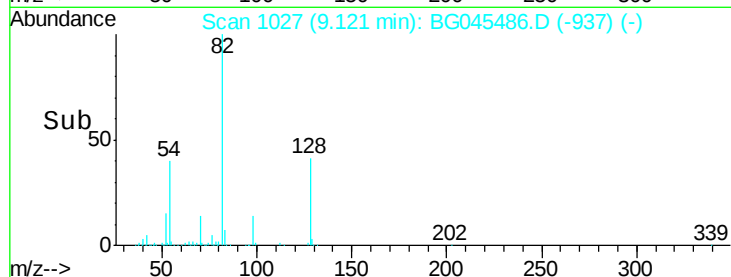
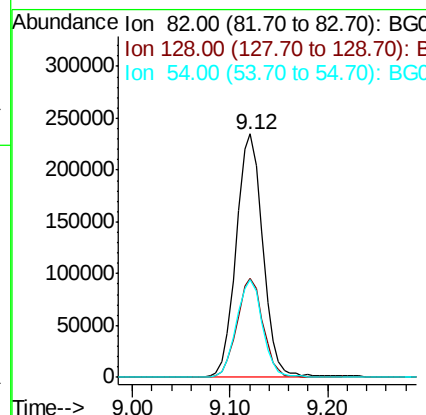
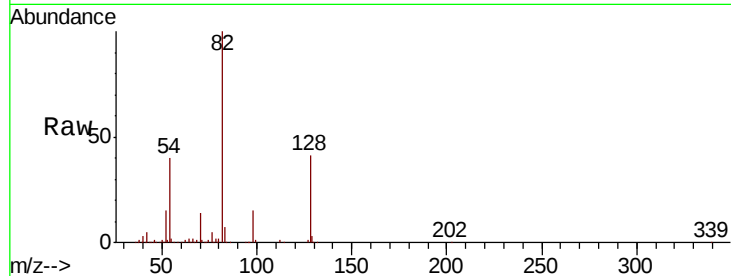
#23
 Nitrobenzene-d5
 Concen: 54.699 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG045486.D
 Acq: 27 May 2020 21:40

Instrument :
 BNA_G
 ClientSampleId :
 NM70-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	30.9	46.3
54	40.2	30.3	45.5

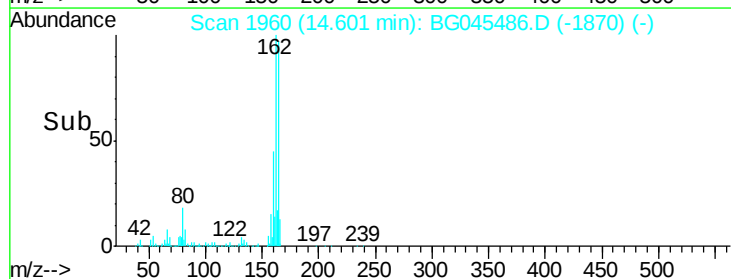
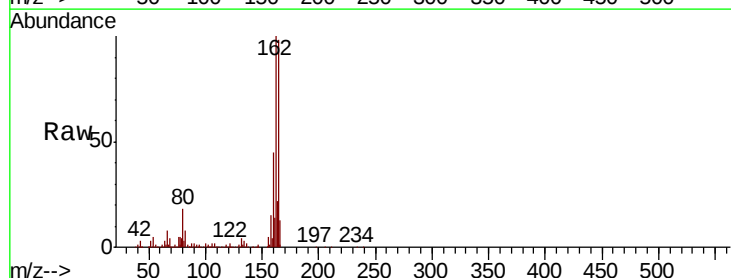
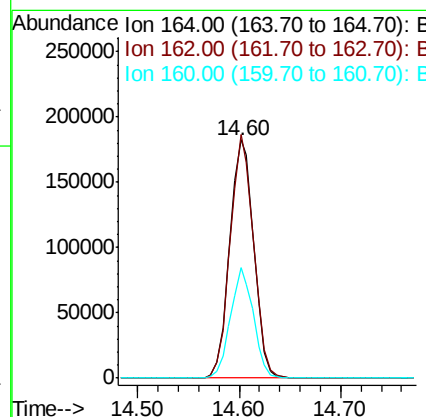
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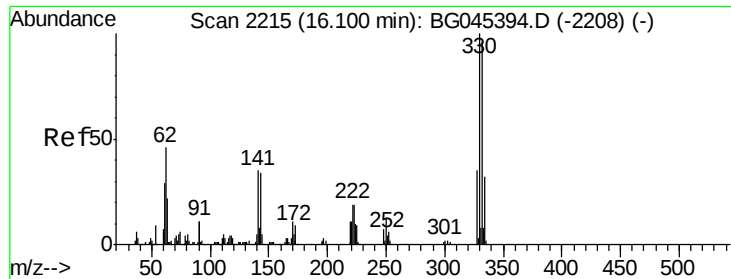
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG045486.D
 Acq: 27 May 2020 21:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	76.9	115.3
160	46.3	33.8	50.8





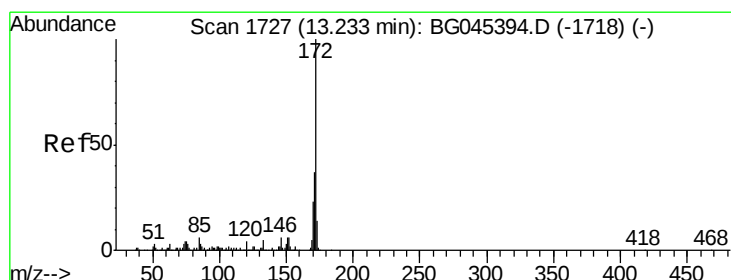
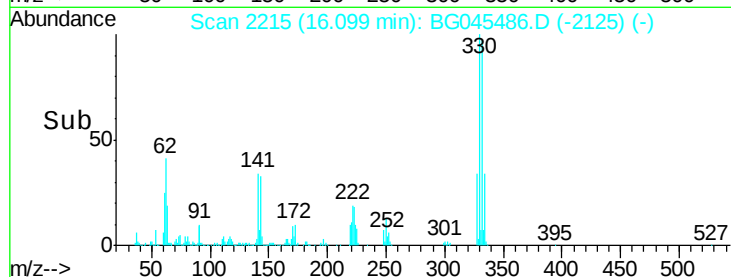
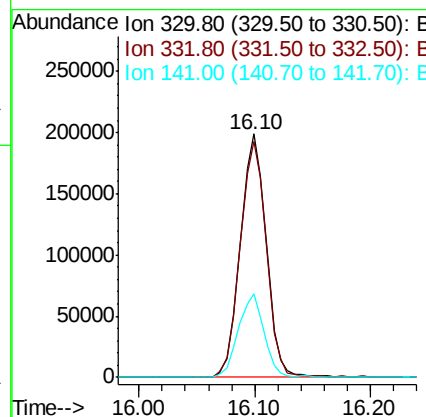
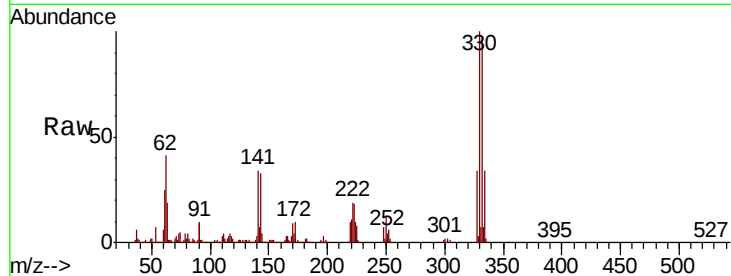
#42
 2,4,6-Tribromophenol
 Concen: 80.613 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. -0.00 min
 Lab File: BG045486.D
 Acq: 27 May 2020 21:40

Instrument :
 BNA_G
 ClientSampleId :
 NM70-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.2	117.4
141	34.4	28.2	42.4

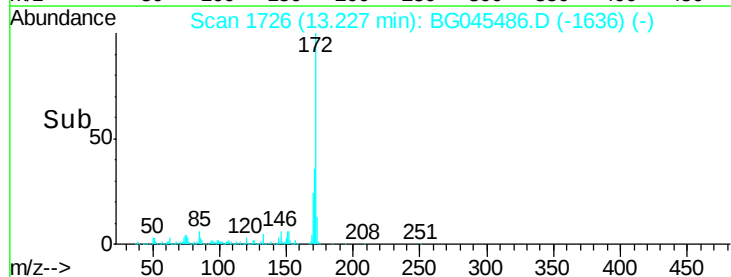
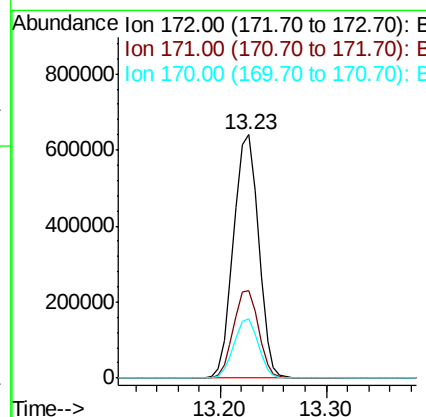
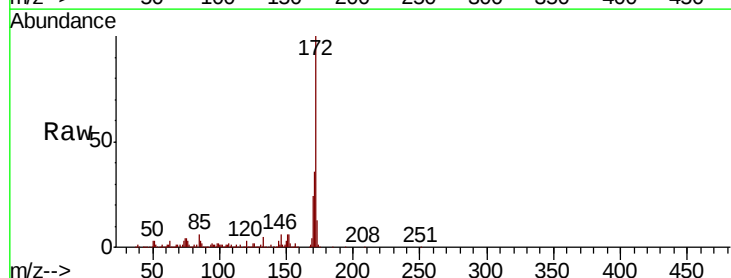
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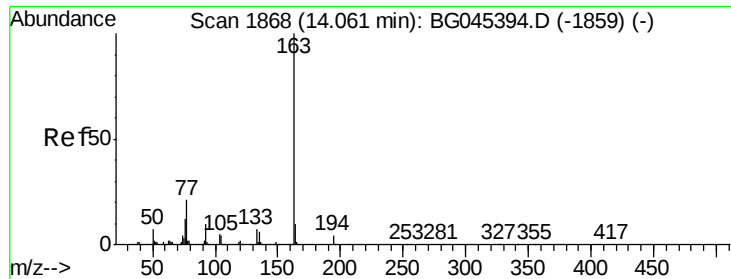
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#45
 2-Fluorobiphenyl
 Concen: 59.718 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BG045486.D
 Acq: 27 May 2020 21:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.5	44.3
170	24.2	18.5	27.7





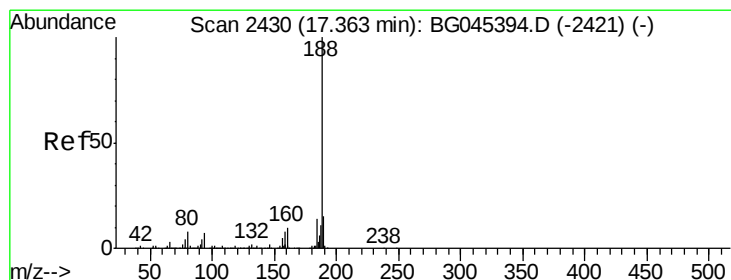
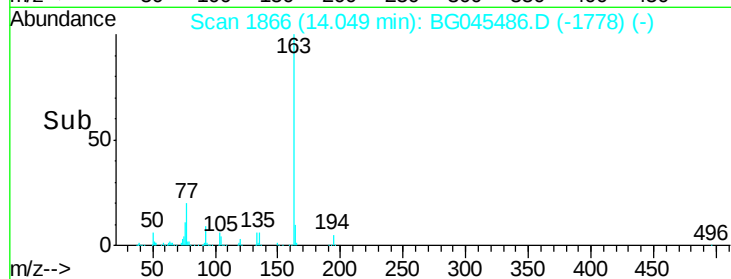
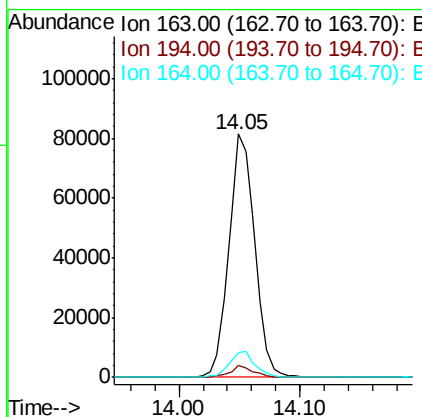
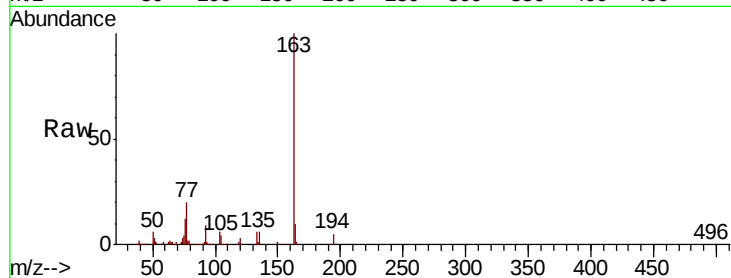
#50
Dimethylphthalate
Concen: 5.900 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045486.D
Acq: 27 May 2020 21:40

Instrument :
BNA_G
ClientSampleId :
NM70-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.2	4.8
164	10.0	8.3	12.5

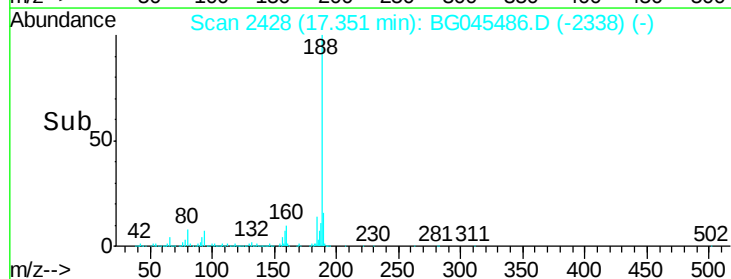
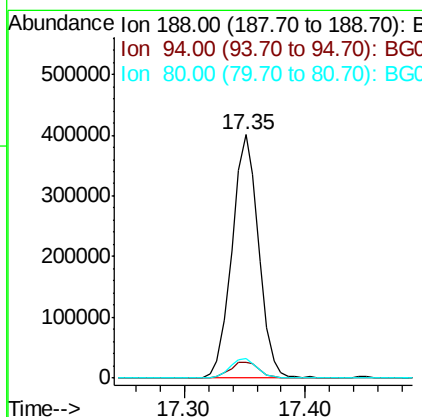
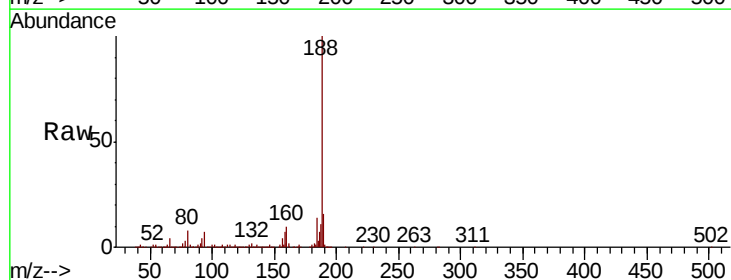
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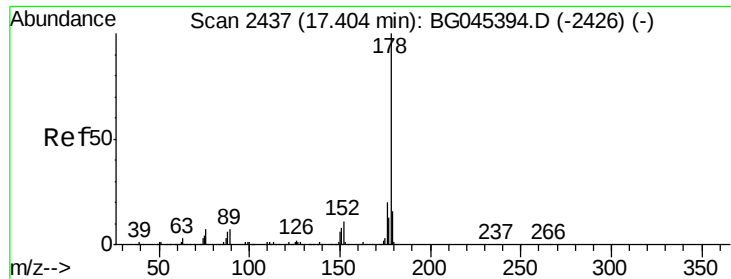
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG045486.D
Acq: 27 May 2020 21:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.5	8.3
80	8.0	6.6	10.0





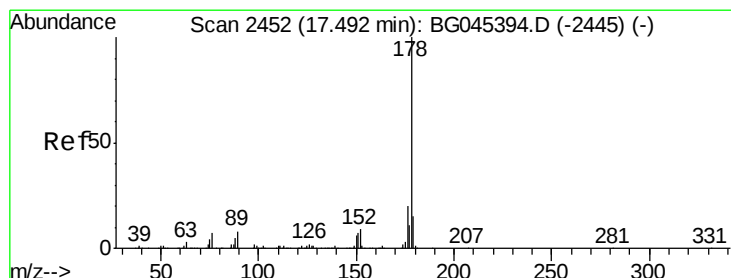
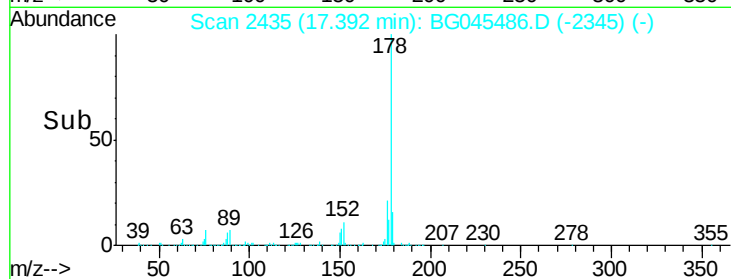
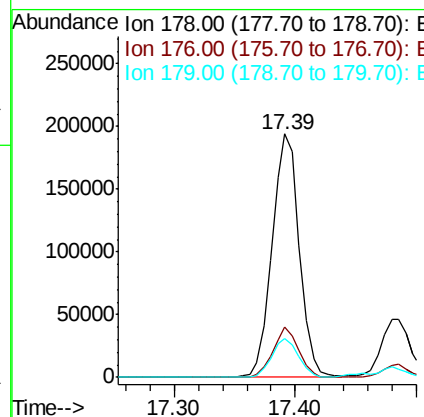
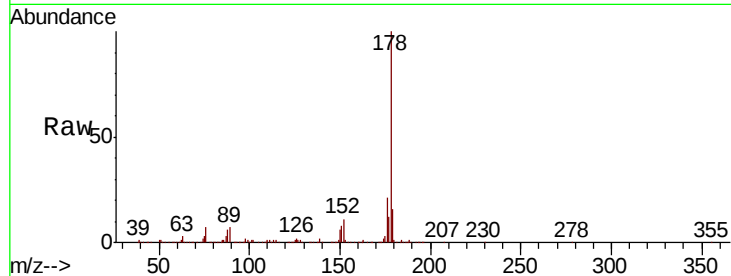
#71
Phenanthrene
Concen: 11.260 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG045486.D
Acq: 27 May 2020 21:40

Instrument :
BNA_G
ClientSampleId :
NM70-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	16.2	13.1	19.7

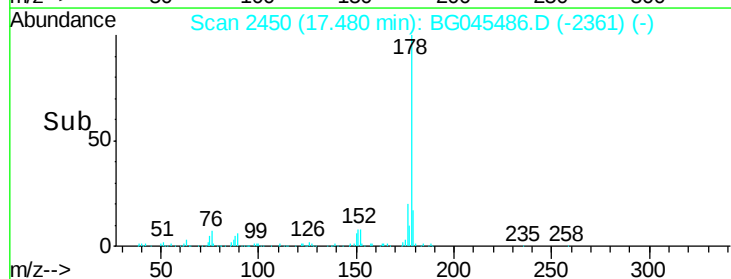
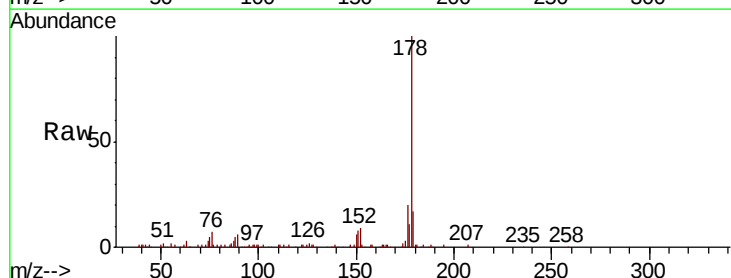
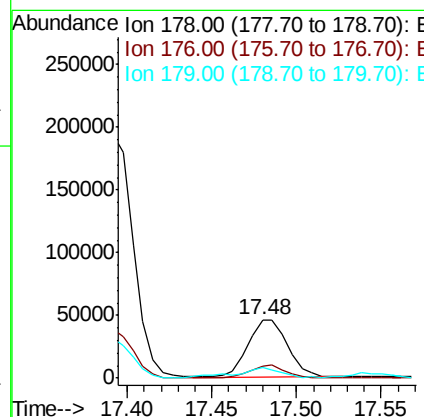
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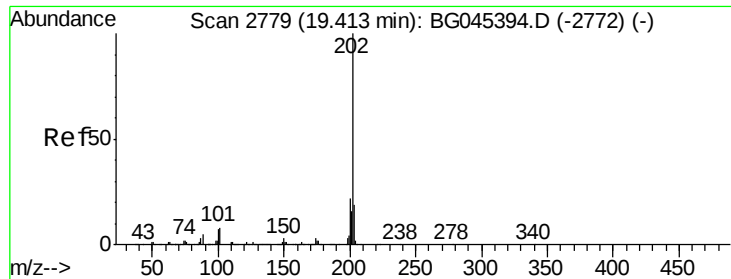
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#72
Anthracene
Concen: 2.758 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BG045486.D
Acq: 27 May 2020 21:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	17.3	12.2	18.4





#75

Fluoranthene

Concen: 17.336 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG045486.D

Acq: 27 May 2020 21:40

Instrument :

BNA_G

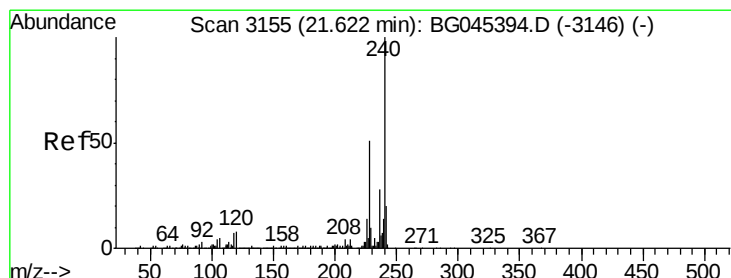
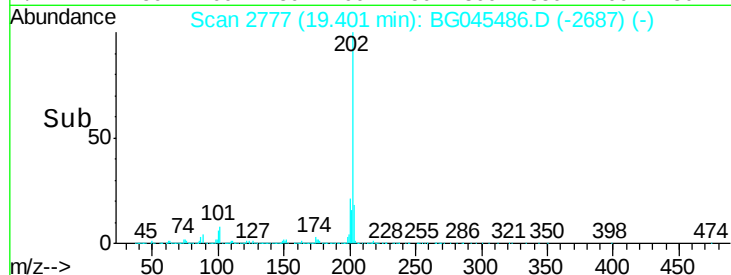
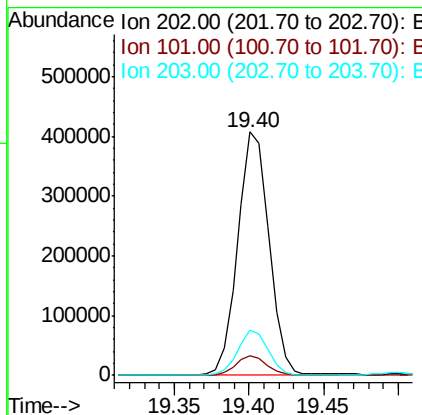
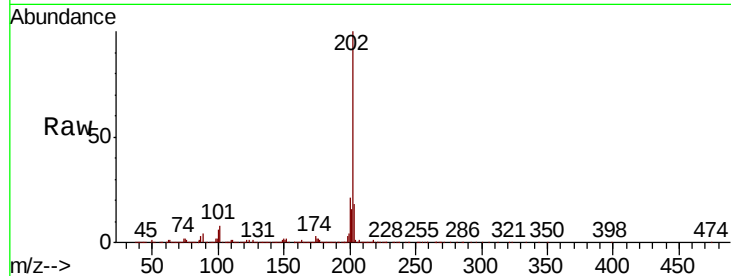
ClientSampleId :

NM70-COMP-2020-0-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		592151		
101	8.3	0.0	28.3		
203	18.5	0.0	39.0		

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#76

Chrysene-d12

Concen: 20.000 ng

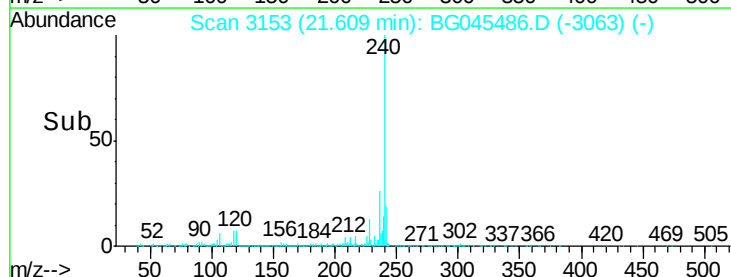
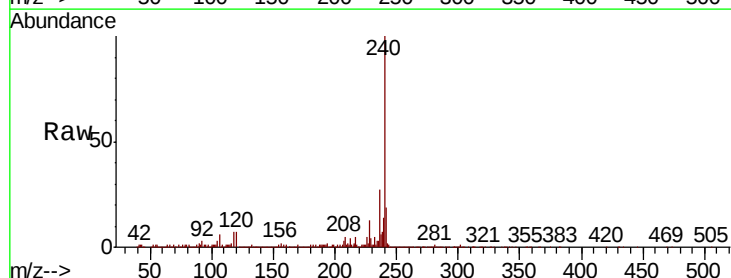
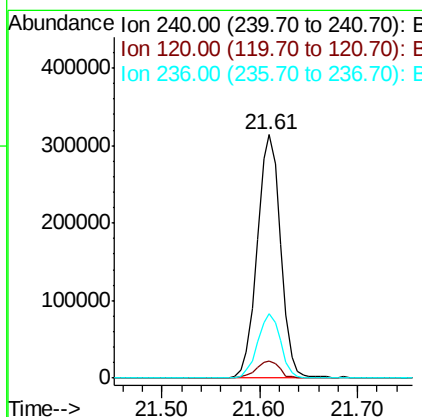
RT: 21.61 min Scan# 3153

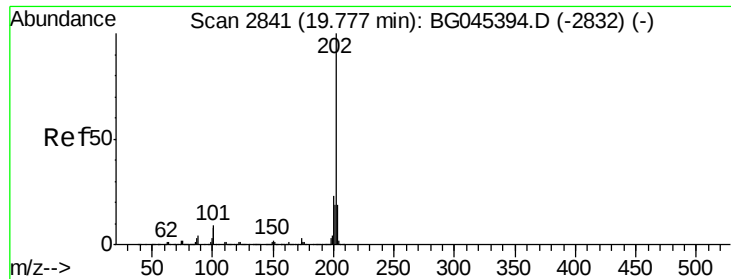
Delta R.T. -0.00 min

Lab File: BG045486.D

Acq: 27 May 2020 21:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		524642		
120	6.9	6.1	9.1		
236	26.6	22.3	33.5		





#78

Pvrene

Concen: 17.996 ng

RT: 19.76 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BG045486.D

Acq: 27 May 2020 21:40

Instrument :

BNA_G

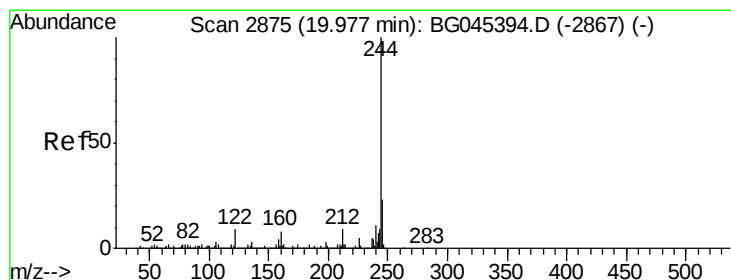
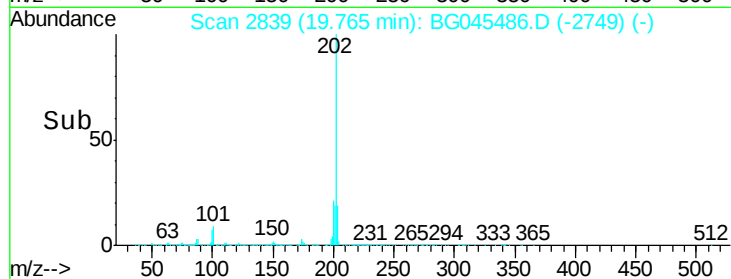
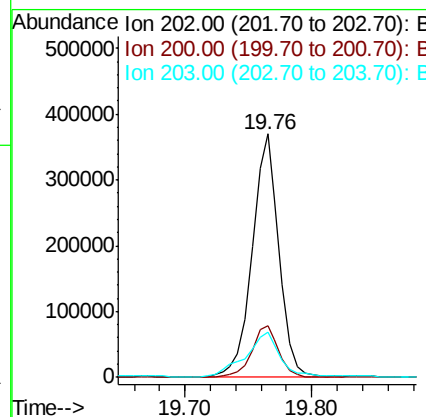
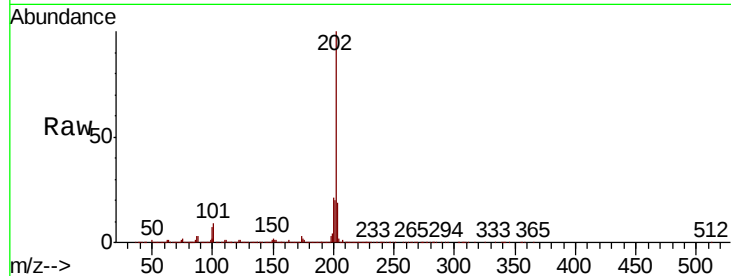
ClientSampleId :

NM70-COMP-2020-0-6

Tot Ion:	202	Resp:	538202
Ion Ratio	Lower	Upper	
202	100		
200	21.4	18.2	27.2
203	18.7	15.1	22.7

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#79

Terphenyl-d14

Concen: 62.258 ng

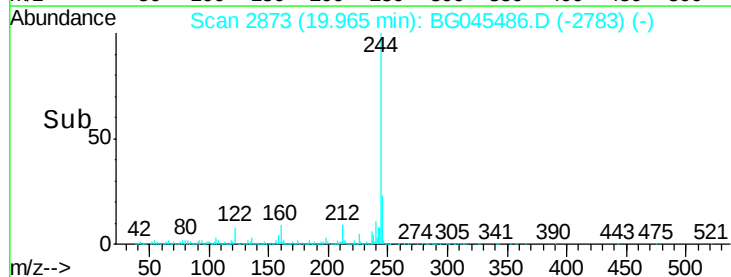
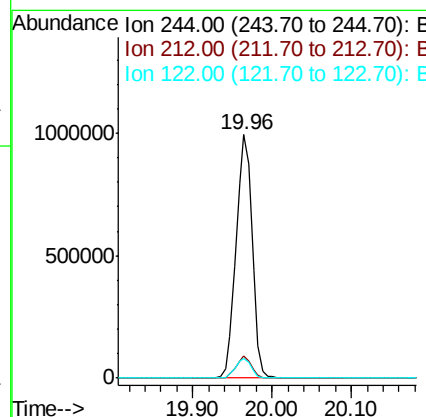
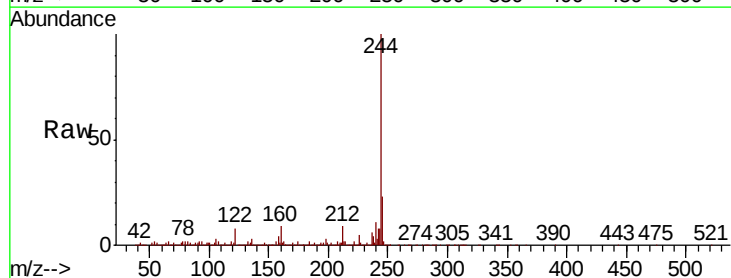
RT: 19.96 min Scan# 2873

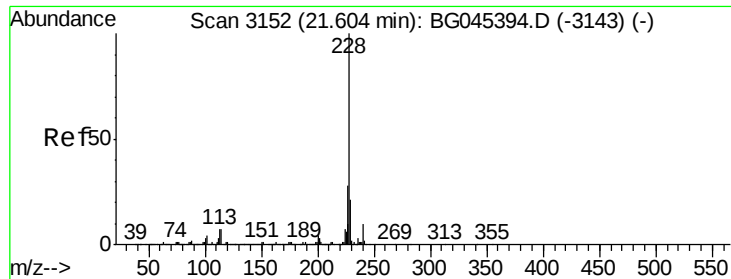
Delta R.T. -0.00 min

Lab File: BG045486.D

Acq: 27 May 2020 21:40

Tgt Ion:	244	Resp:	1400472
Ion Ratio	Lower	Upper	
244	100		
212	9.1	7.4	11.0
122	8.0	6.8	10.2





#81

Benzo(a)anthracene

Concen: 10.283 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG045486.D

Acq: 27 May 2020 21:40

Instrument :

BNA_G

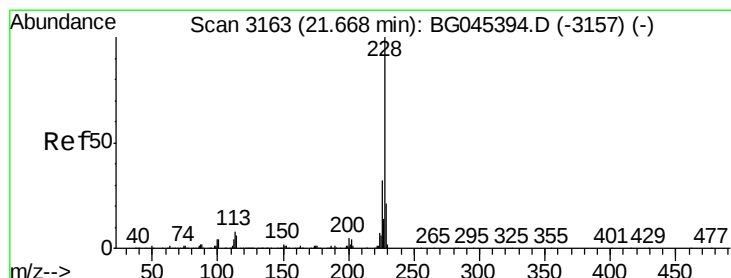
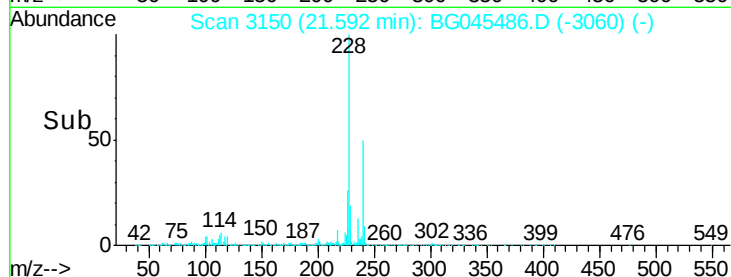
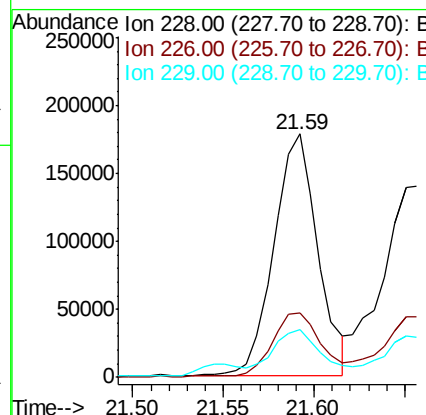
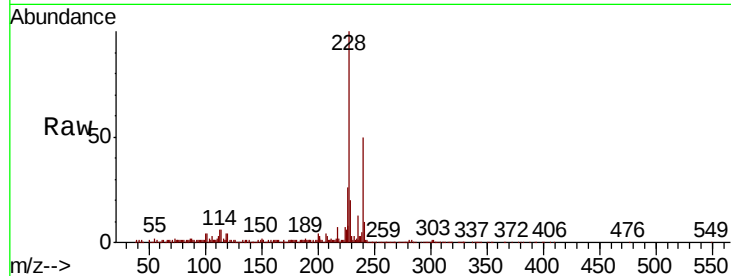
ClientSampleId :

NM70-COMP-2020-0-6

Tot Ion:	228	Resp:	300536
Ion Ratio	Lower	Upper	
228	100		
226	26.4	22.7	34.1
229	19.6	16.7	25.1

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#83

Chrysene

Concen: 9.897 ng

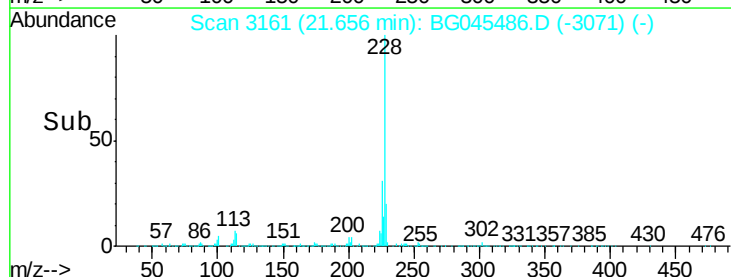
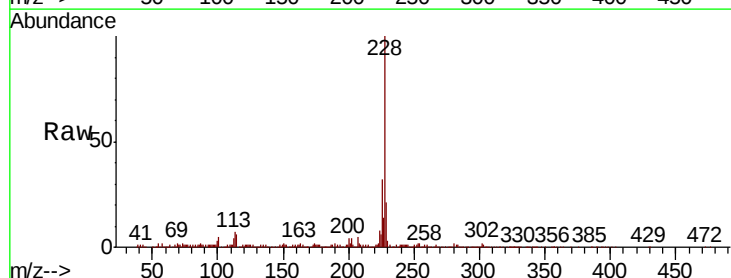
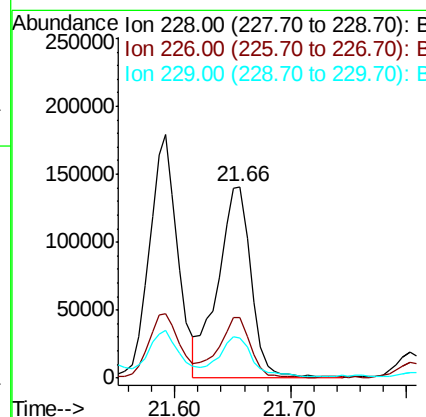
RT: 21.66 min Scan# 3161

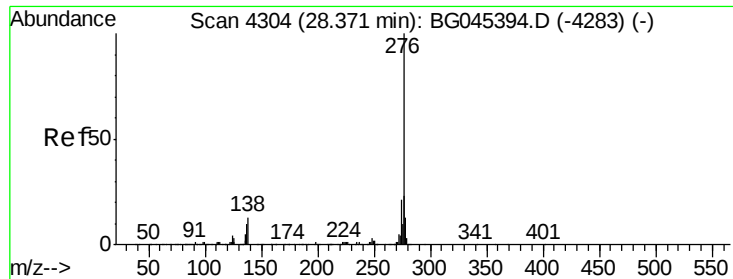
Delta R.T. -0.00 min

Lab File: BG045486.D

Acq: 27 May 2020 21:40

Tgt Ion:	228	Resp:	278122
Ion Ratio	Lower	Upper	
228	100		
226	31.8	25.2	37.8
229	20.7	16.7	25.1





#86

Indeno(1,2,3-cd)pyrene

Concen: 5.124 ng

RT: 28.32 min Scan# 4296

Delta R.T. -0.00 min

Lab File: BG045486.D

Acq: 27 May 2020 21:40

Instrument :

BNA_G

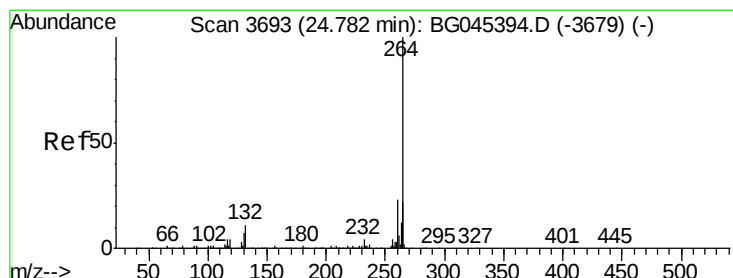
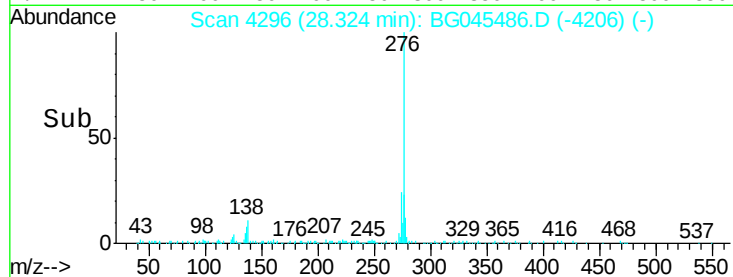
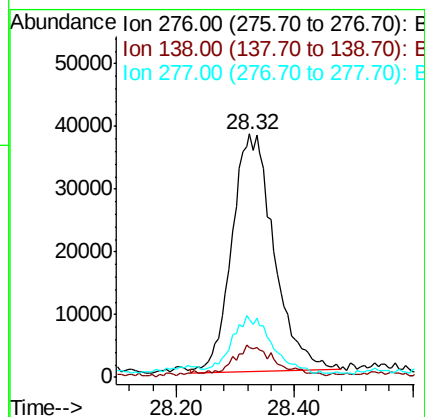
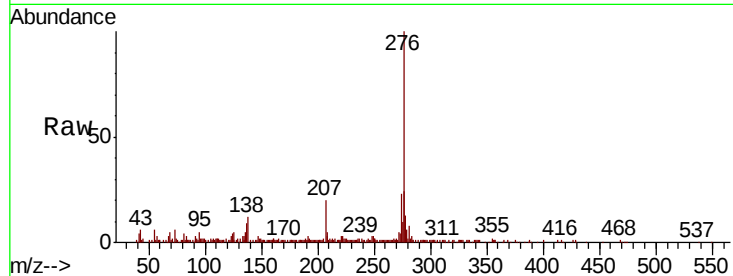
ClientSampleId :

NM70-COMP-2020-0-6

Tot Ion:	276	Resp:	188296
Ion Ratio	Lower	Upper	
276	100		
138	10.3	8.6	12.8
277	22.4	20.2	30.4

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#87

Perylene-d12

Concen: 20.000 ng

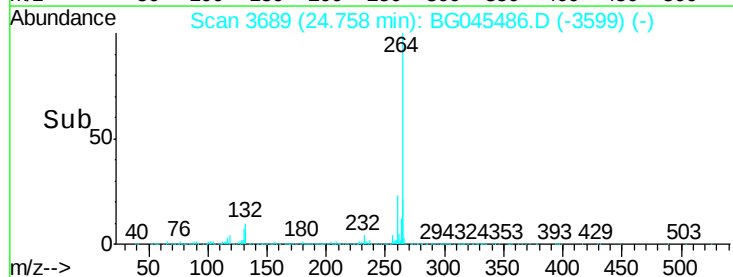
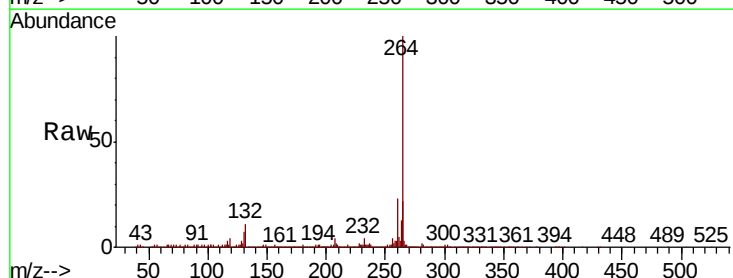
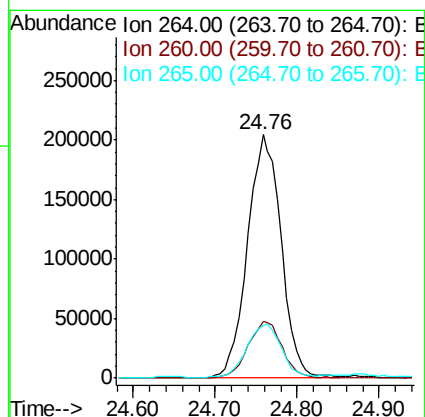
RT: 24.76 min Scan# 3689

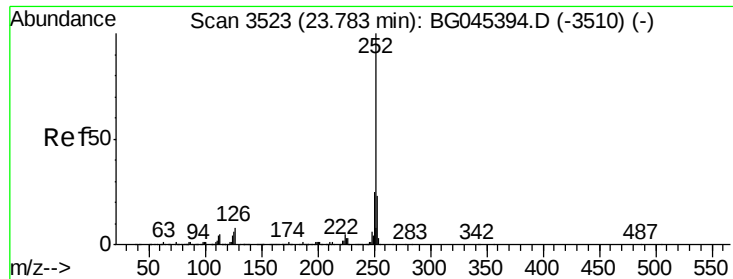
Delta R.T. -0.00 min

Lab File: BG045486.D

Acq: 27 May 2020 21:40

Tgt Ion:	264	Resp:	582468
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.2	27.4
265	21.6	17.6	26.4





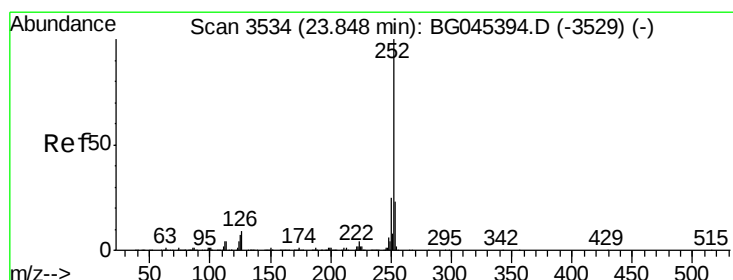
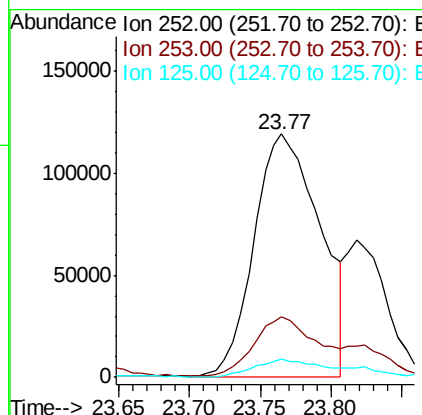
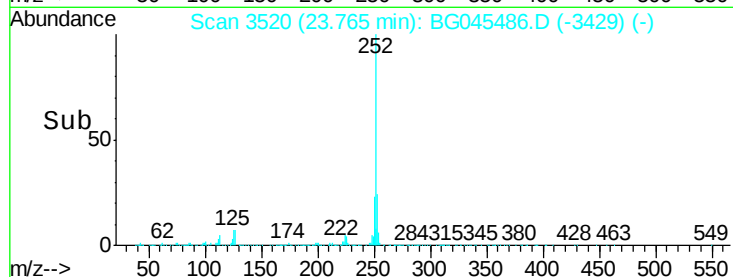
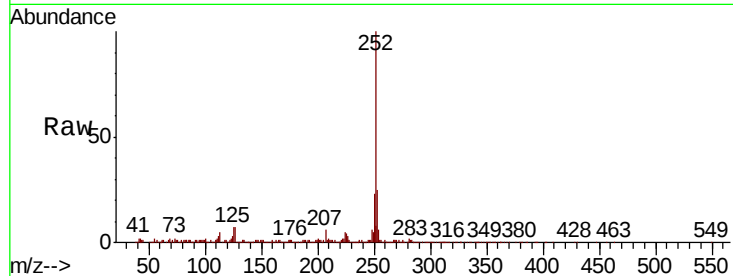
#88
Benzo(b)fluoranthene
Concen: 12.423 ng
RT: 23.77 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BG045486.D
Acq: 27 May 2020 21:40

Instrument :
BNA_G
ClientSampleId :
NM70-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.1	27.1
125	7.3	5.0	7.6

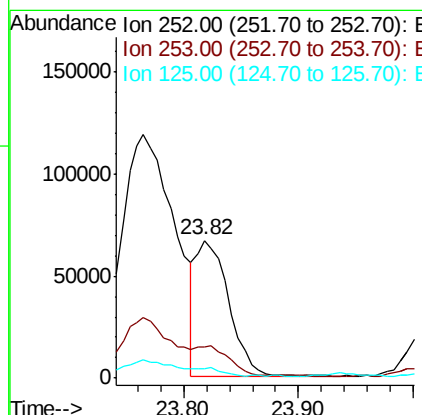
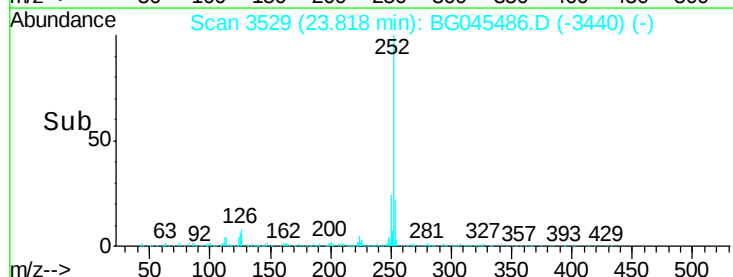
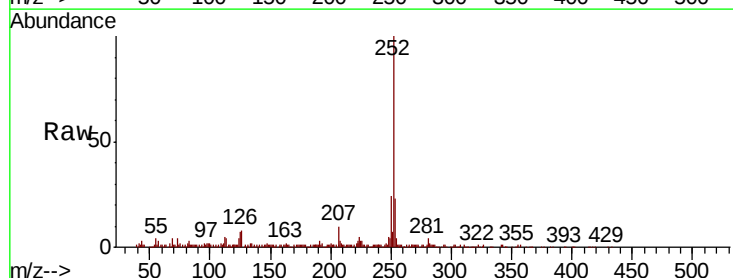
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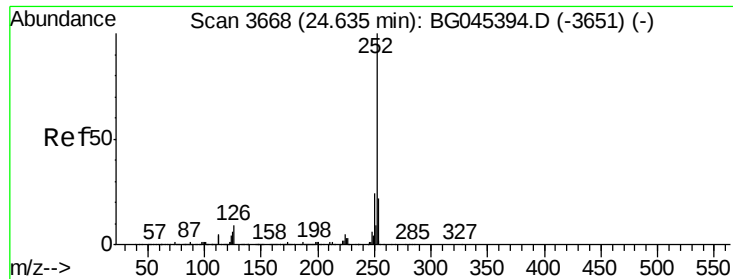
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#89
Benzo(k)fluoranthene
Concen: 4.446 ng m
RT: 23.82 min Scan# 3529
Delta R.T. -0.01 min
Lab File: BG045486.D
Acq: 27 May 2020 21:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	6.8	5.7	8.5





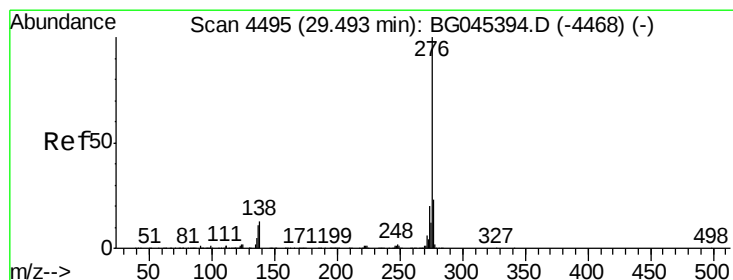
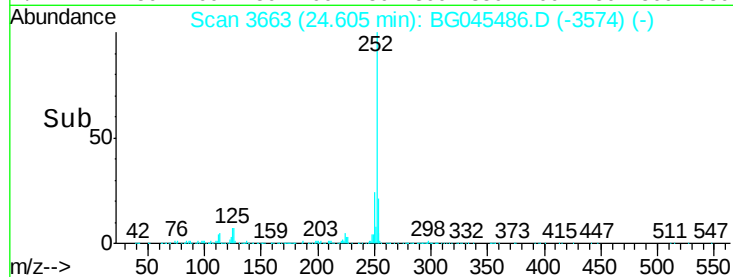
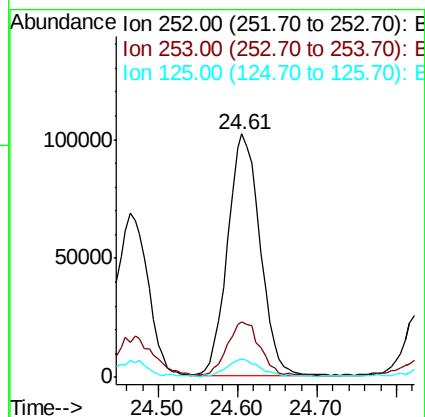
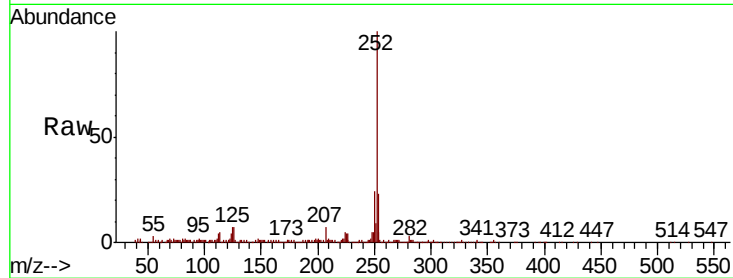
#90
Benzo(a)pyrene
Concen: 9.984 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG045486.D
Acq: 27 May 2020 21:40

Instrument :
BNA_G
ClientSampleId :
NM70-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	7.5	5.0	7.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.946 ng
RT: 29.44 min Scan# 4486
Delta R.T. -0.01 min
Lab File: BG045486.D
Acq: 27 May 2020 21:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	20.4	18.1	27.1
138	11.1	10.2	15.4

