

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
 Data File : BG045568.D
 Acq On : 1 Jun 2020 23:18
 Operator : CG/JU
 Sample : L2798-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM87-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 02 02:13:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	81279	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	318724	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	212257	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	442163	20.00	ng	0.00
76) Chrysene-d12	21.60	240	376222	20.00	ng	0.00
87) Perylene-d12	24.76	264	417869	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	294789	70.88	ng	0.00
7) Phenol-d6	7.15	99	490703	82.90	ng	0.00
23) Nitrobenzene-d5	9.12	82	327611	56.05	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	232690	85.72	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	791202	63.23	ng	0.00
79) Terphenyl-d14	19.96	244	1064611	66.00	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	155035	10.648	ng	99
71) Phenanthrene	17.39	178	102494	5.310	ng	94
75) Fluoranthene	19.40	202	235069	9.574	ng	99
78) Pyrene	19.76	202	227902	10.627	ng	95
81) Benzo(a)anthracene	21.59	228	130966	6.249	ng	96
83) Chrysene	21.65	228	123992	6.153	ng	99
86) Indeno(1,2,3-cd)pyrene	28.33	276	83754	3.178	ng	# 91
88) Benzo(b)fluoranthene	23.76	252	183536	8.190	ng	# 95
89) Benzo(k)fluoranthene	23.82	252	68600m	3.258	ng	
90) Benzo(a)pyrene	24.61	252	131258	6.289	ng	95
92) Benzo(a,h,i)perylene	29.44	276	77778	3.708	ng	97

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

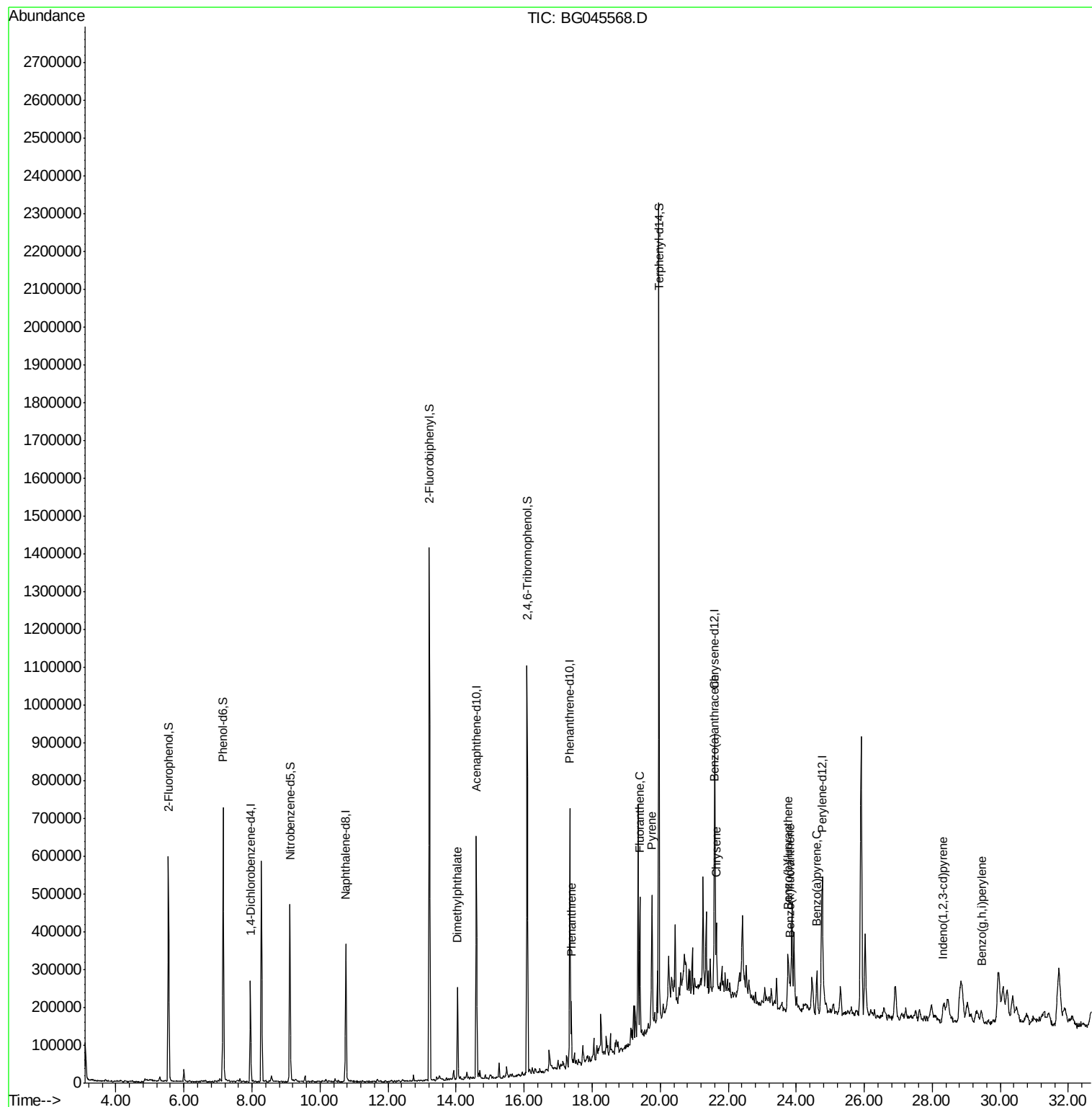
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
Data File : BG045568.D
Acq On : 1 Jun 2020 23:18
Operator : CG/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

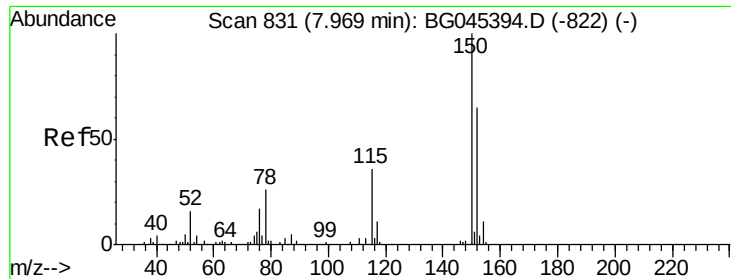
Instrument :
BNA_G
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#1

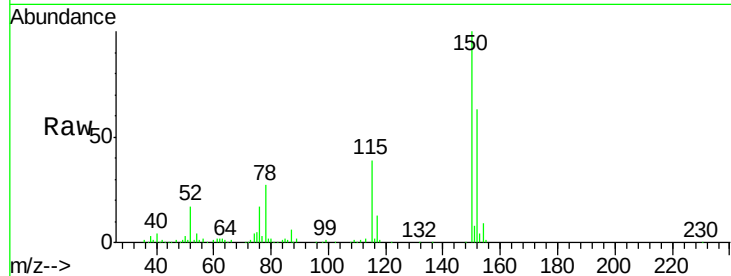
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045568.D
Acq: 1 Jun 2020 23:18

Instrument :
BNA_G
ClientSampleId :
NM87-COMP-2020-0-6

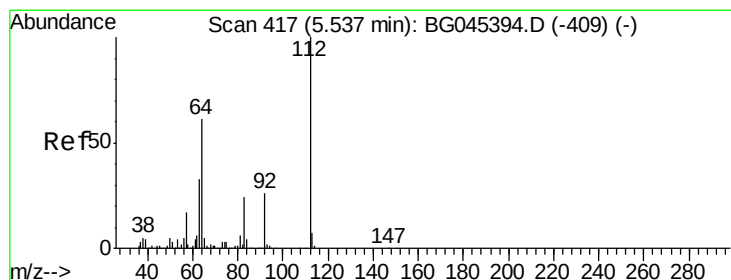
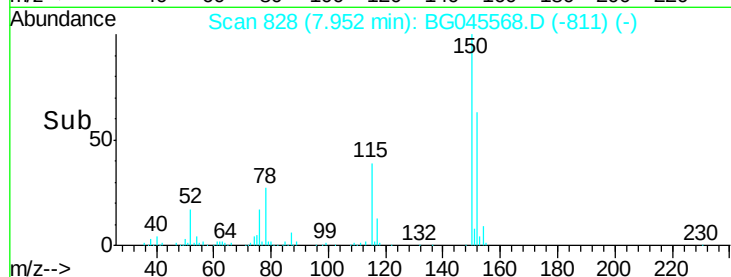
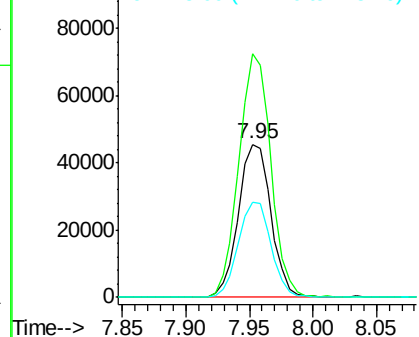
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	122.4	183.6
115	62.2	44.2	66.4

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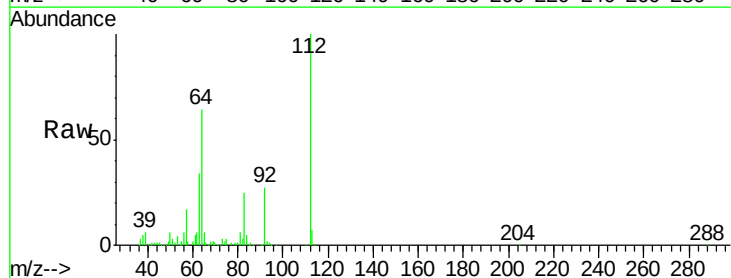
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



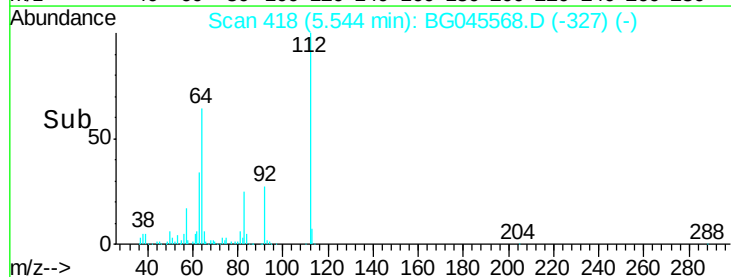
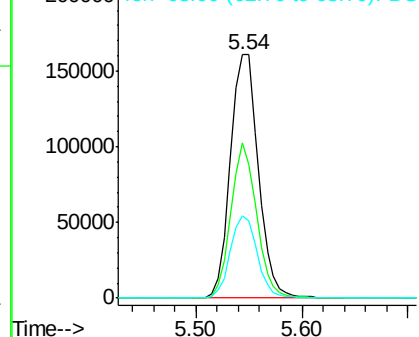
#5

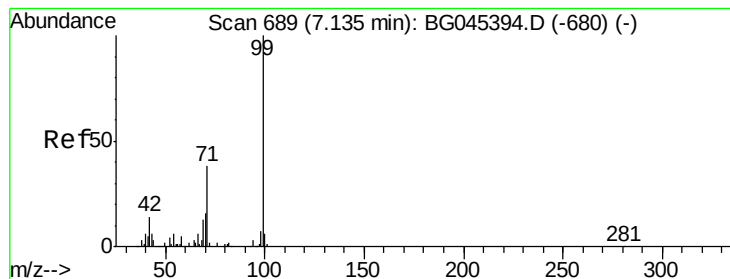
2-Fluorophenol
Concen: 70.880 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.01 min
Lab File: BG045568.D
Acq: 1 Jun 2020 23:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	48.6	72.8
63	33.9	26.5	39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 82.896 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG045568.D

Acq: 1 Jun 2020 23:18

Instrument :

BNA_G

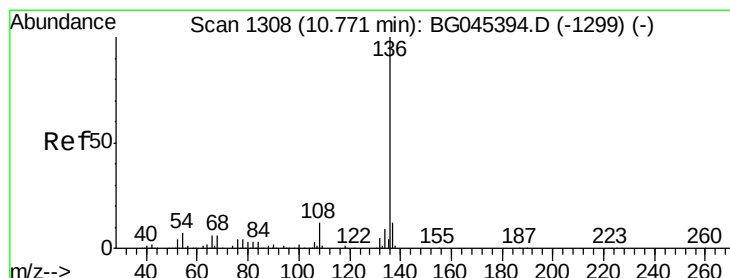
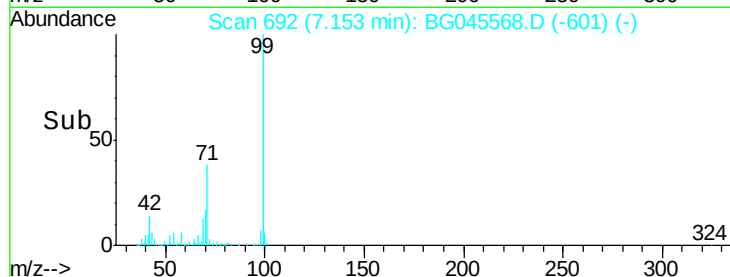
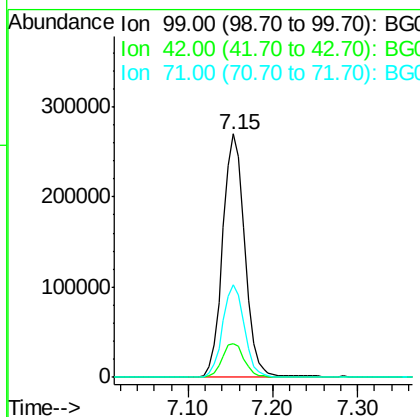
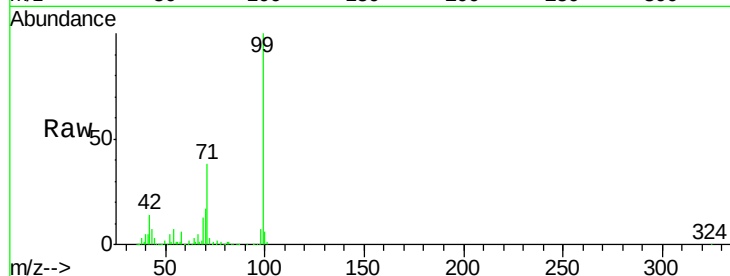
ClientSampleId :

NM87-COMP-2020-0-6

Tot Ion:	99	Resp:	490703
Ion Ratio	Lower	Upper	
99	100		
42	14.0	11.3	16.9
71	38.2	30.8	46.2

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#21

Naphthalene-d8

Concen: 20.000 ng

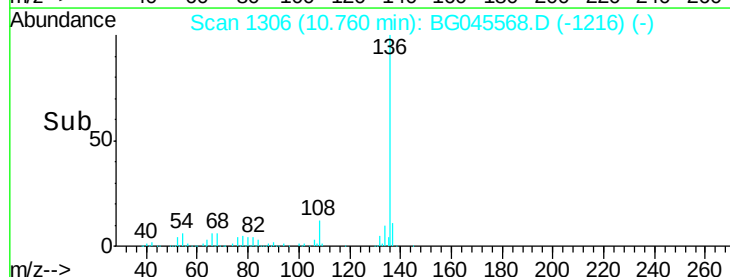
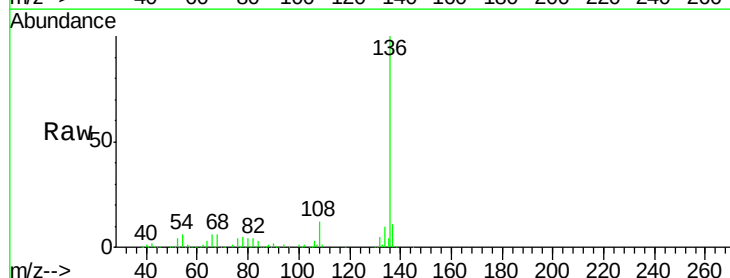
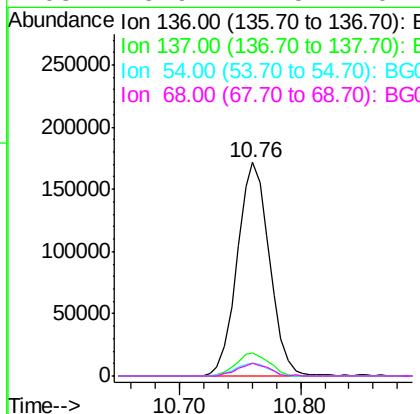
RT: 10.76 min Scan# 1306

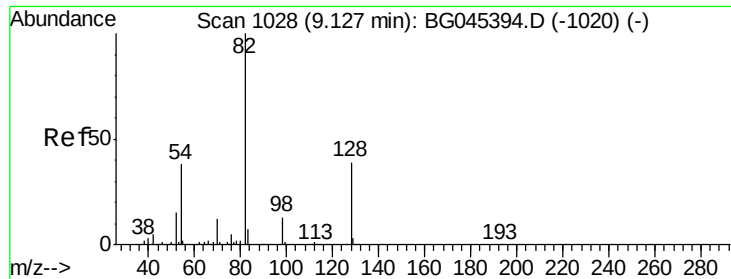
Delta R.T. 0.00 min

Lab File: BG045568.D

Acq: 1 Jun 2020 23:18

Tgt Ion:	136	Resp:	318724
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.4	14.2
54	6.0	5.8	8.6
68	5.9	4.5	6.7





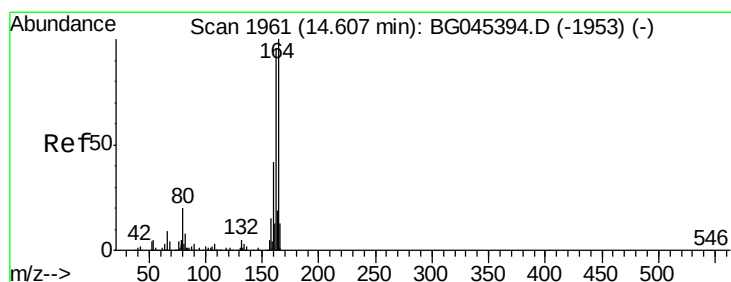
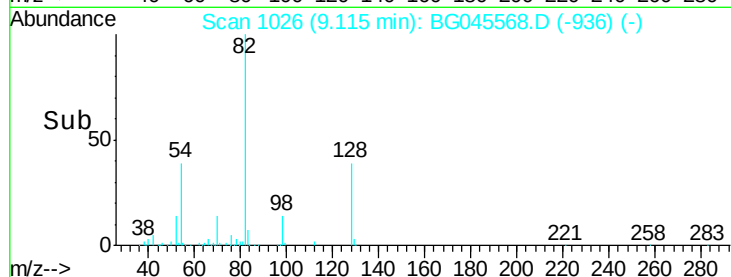
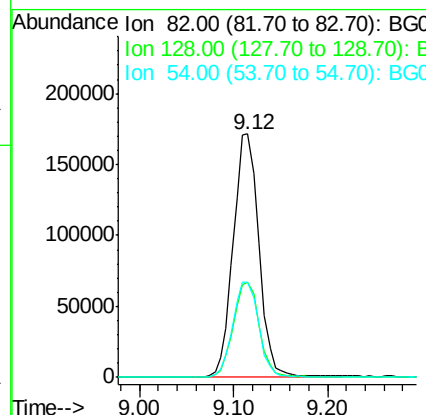
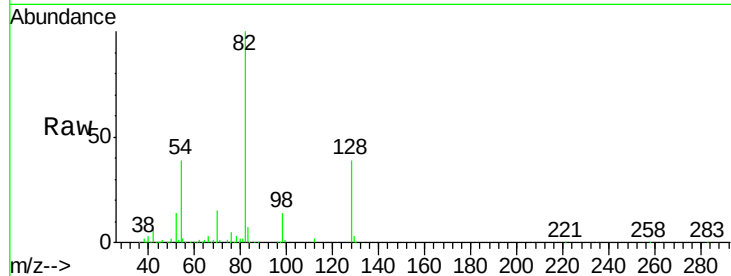
#23
 Nitrobenzene-d5
 Concen: 56.052 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045568.D
 Acq: 1 Jun 2020 23:18

Instrument :
 BNA_G
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Tot Ion	82	Resp	327611
Ion Ratio	Lower	Upper	
82	100		
128	39.1	30.9	46.3
54	39.1	30.3	45.5

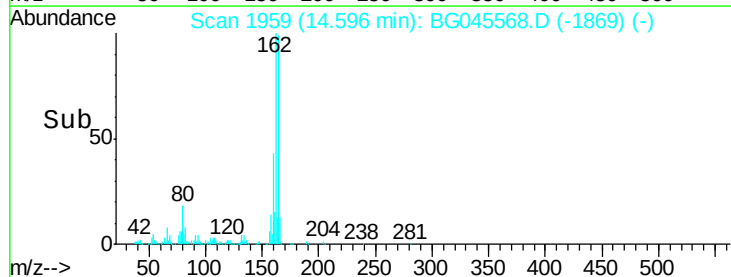
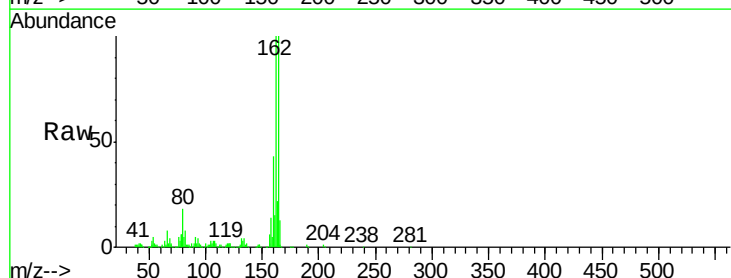
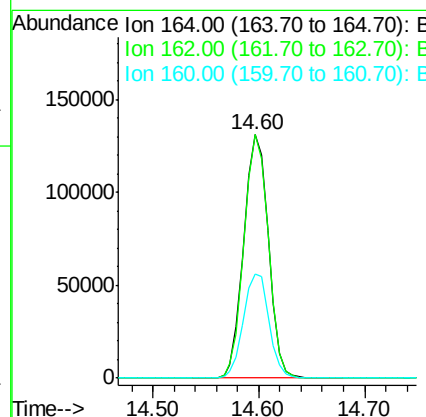
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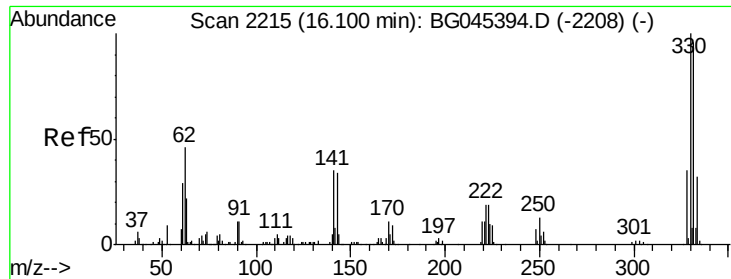
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. 0.00 min
 Lab File: BG045568.D
 Acq: 1 Jun 2020 23:18

Tgt Ion	164	Resp	212257
Ion Ratio	Lower	Upper	
164	100		
162	100.0	76.9	115.3
160	42.8	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 85.720 ng

RT: 16.09 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045568.D

Acq: 1 Jun 2020 23:18

Instrument :

BNA_G

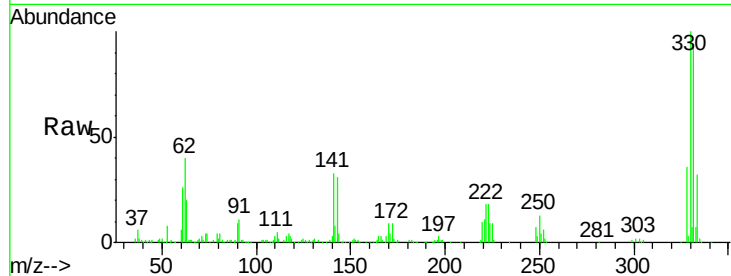
ClientSampleId :

NM87-COMP-2020-0-6

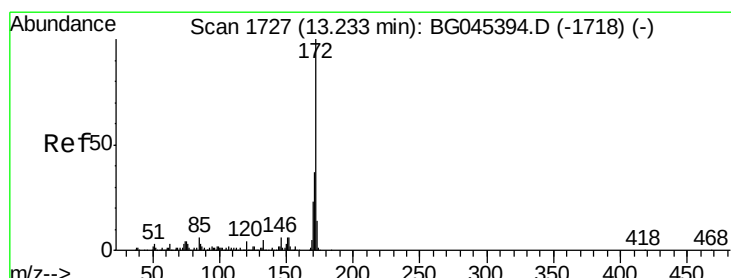
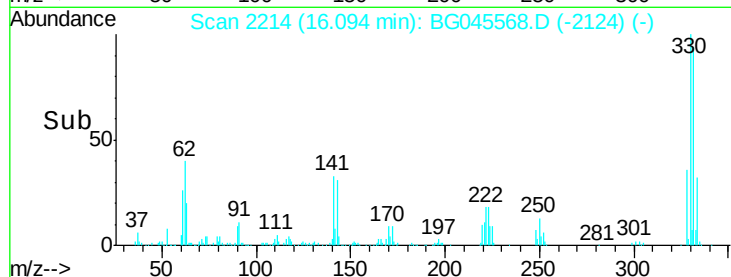
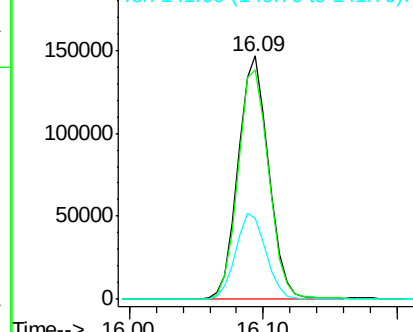
Tot Ion:	330	Resp:	232690
Ion Ratio		Lower	Upper
330	100		
332	96.0	78.2	117.4
141	35.4	28.2	42.4

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 63.227 ng

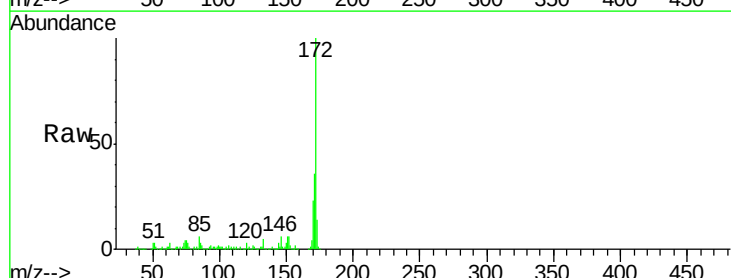
RT: 13.22 min Scan# 1724

Delta R.T. 0.00 min

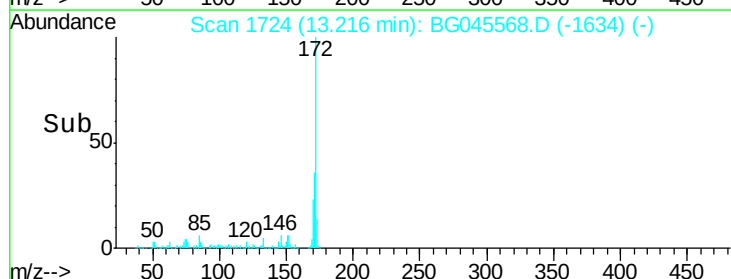
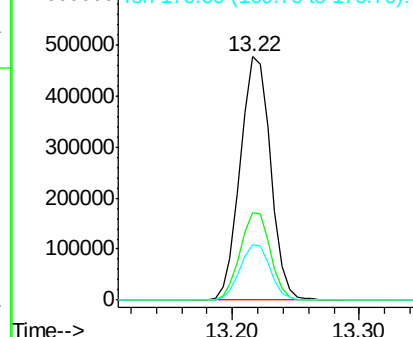
Lab File: BG045568.D

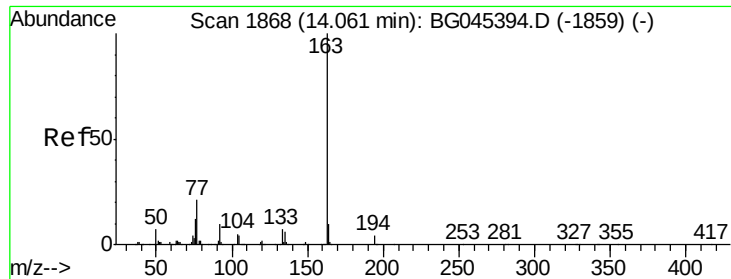
Acq: 1 Jun 2020 23:18

Tgt Ion:	172	Resp:	791202
Ion Ratio		Lower	Upper
172	100		
171	35.9	29.5	44.3
170	22.8	18.5	27.7



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 10.648 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG045568.D

Acq: 1 Jun 2020 23:18

Instrument :

BNA_G

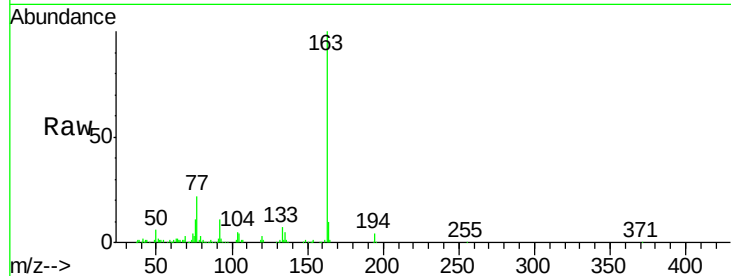
ClientSampleId :

NM87-COMP-2020-0-6

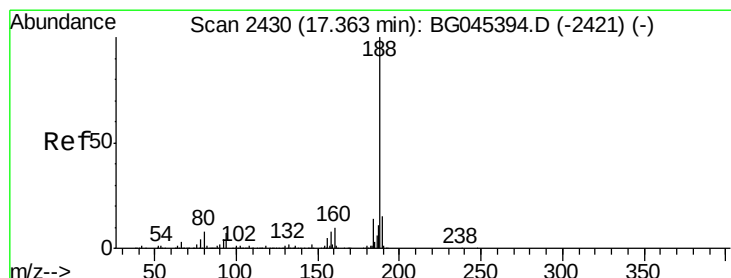
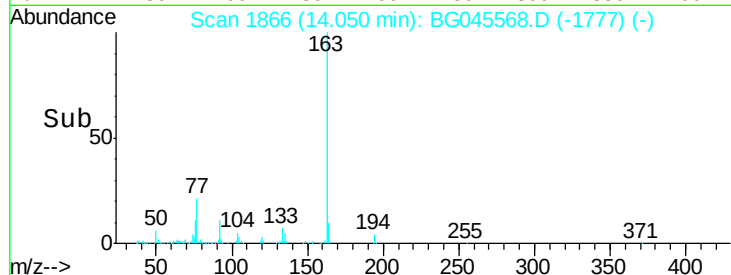
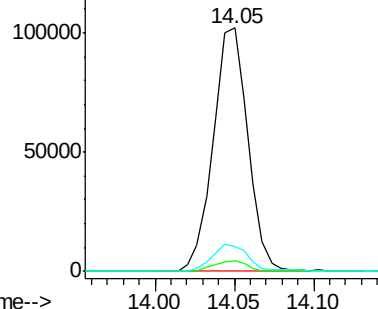
Tot Ion:	163	Resp:	155035
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.2	4.8
164	10.2	8.3	12.5

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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



#64

Phenanthrene-d10

Concen: 20.000 ng

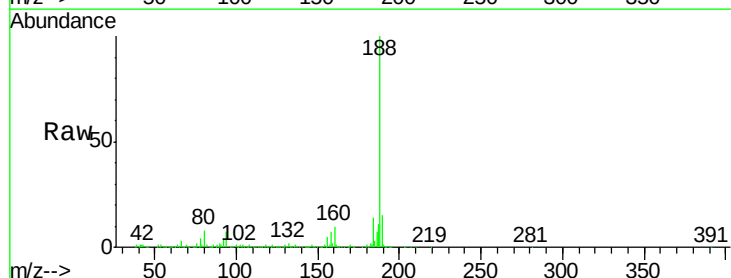
RT: 17.35 min Scan# 2427

Delta R.T. 0.00 min

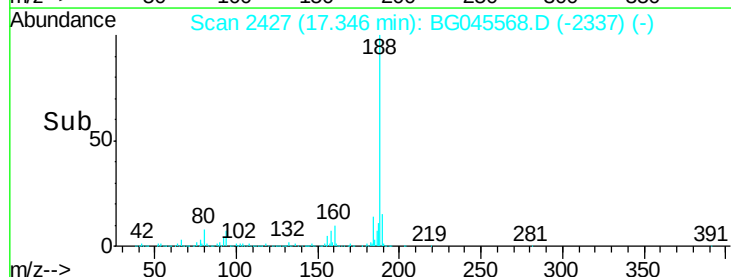
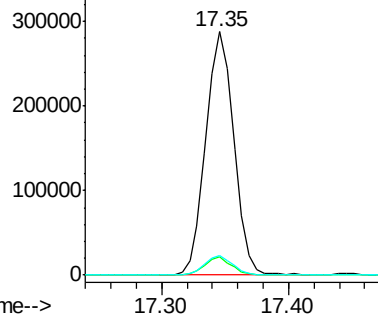
Lab File: BG045568.D

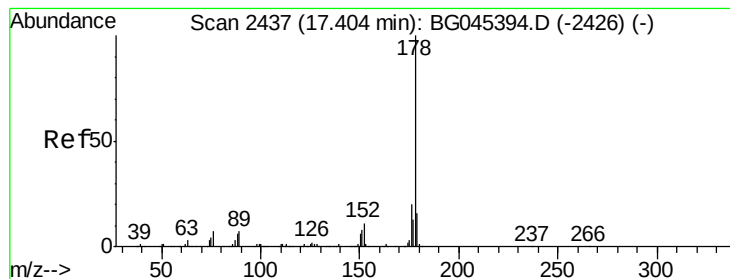
Acq: 1 Jun 2020 23:18

Tgt Ion:	188	Resp:	442163
Ion Ratio	Lower	Upper	
188	100		
94	7.4	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





#71

Phenanthrene

Concen: 5.310 ng

RT: 17.39 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG045568.D

Acq: 1 Jun 2020 23:18

Instrument :

BNA_G

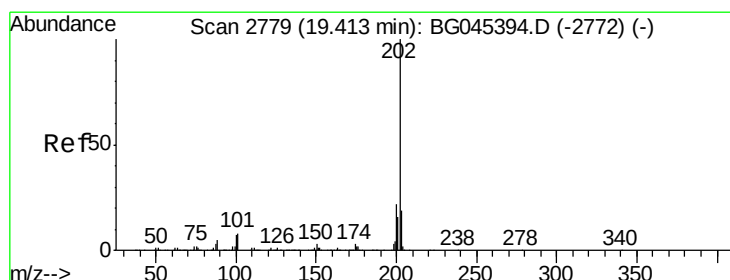
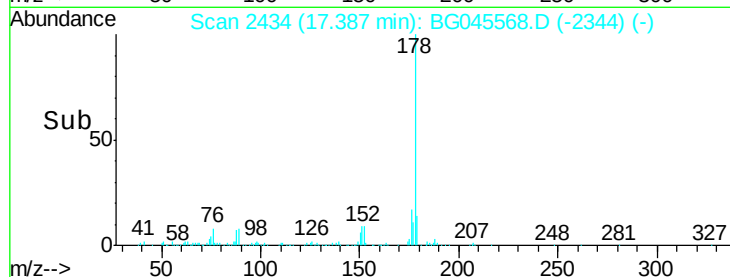
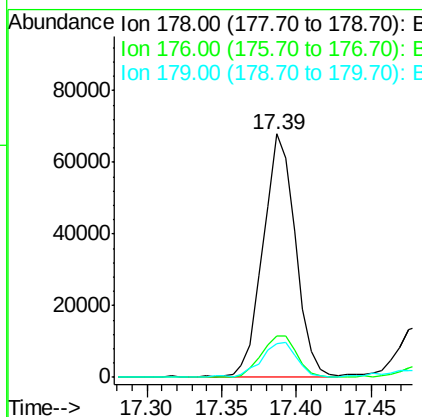
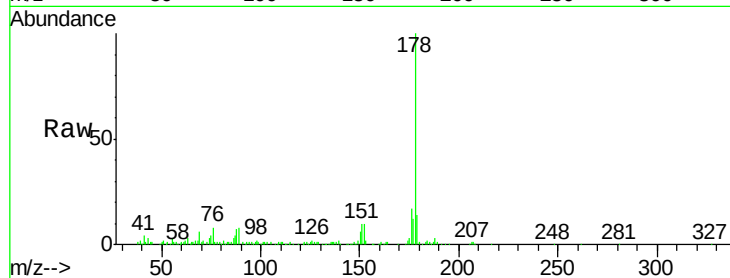
ClientSampleId :

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Tot Ion:	178	Resp:	102494
Ion Ratio	Lower	Upper	
178	100		
176	17.1	16.2	24.4
179	13.9	13.1	19.7

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#75

Fluoranthene

Concen: 9.574 ng

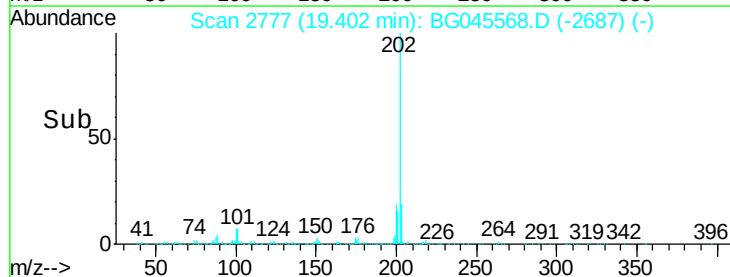
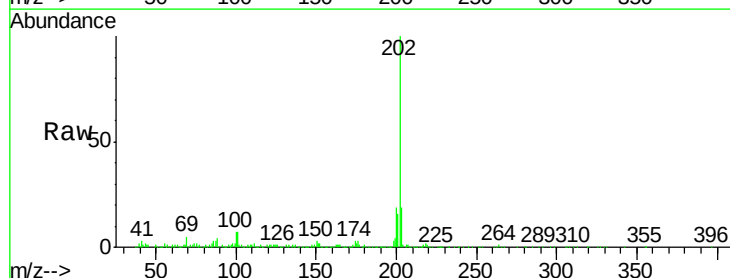
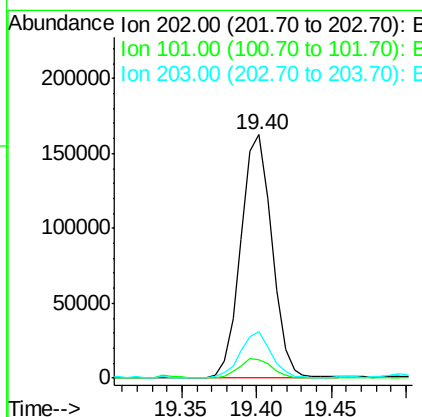
RT: 19.40 min Scan# 2777

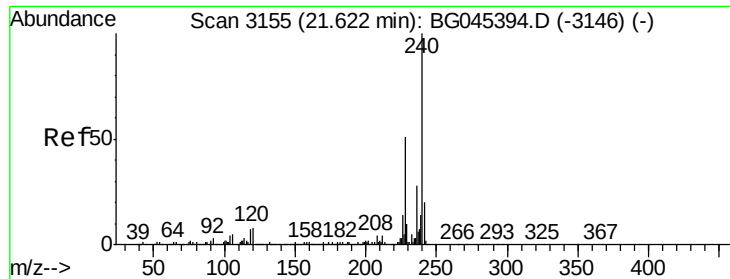
Delta R.T. 0.00 min

Lab File: BG045568.D

Acq: 1 Jun 2020 23:18

Tgt Ion:	202	Resp:	235069
Ion Ratio	Lower	Upper	
202	100		
101	7.5	0.0	28.3
203	18.9	0.0	39.0





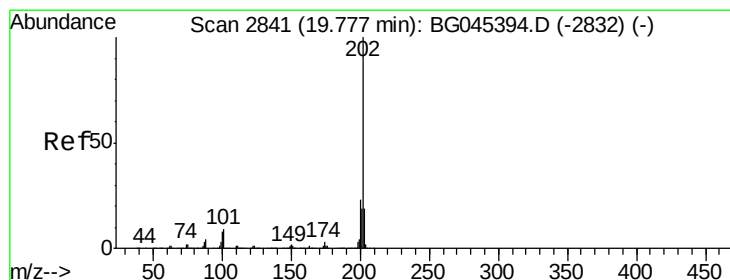
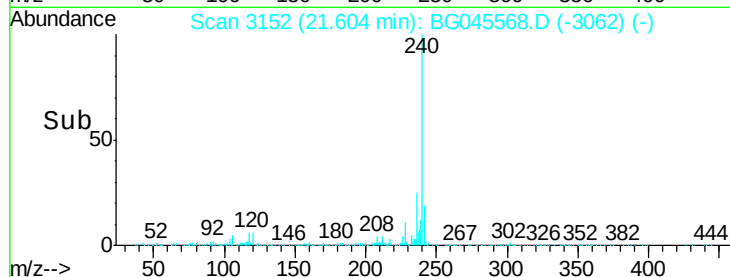
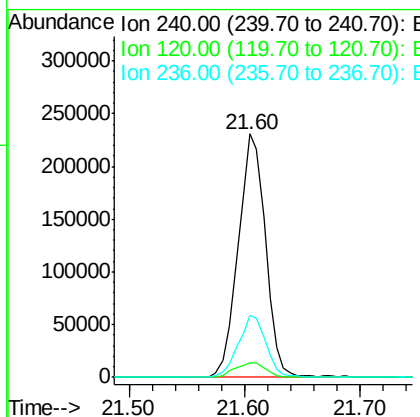
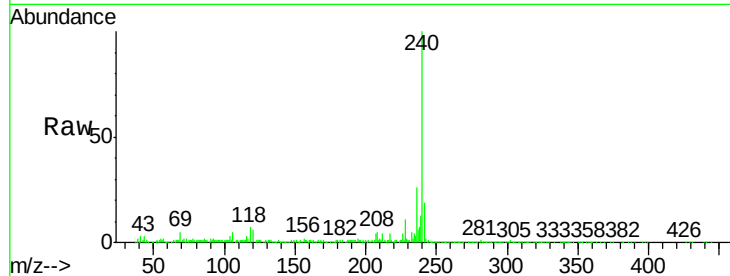
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG045568.D
Acq: 1 Jun 2020 23:18

Instrument :
BNA_G
ClientSampleId :
NM87-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.1	9.1
236	25.5	22.3	33.5

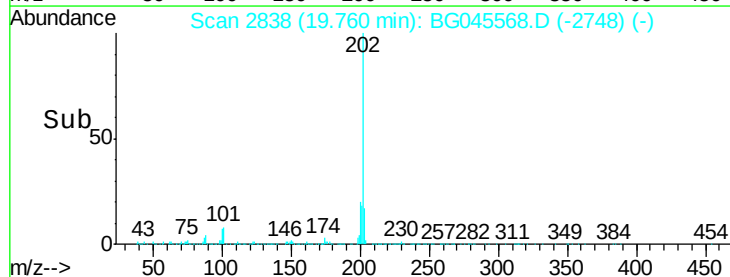
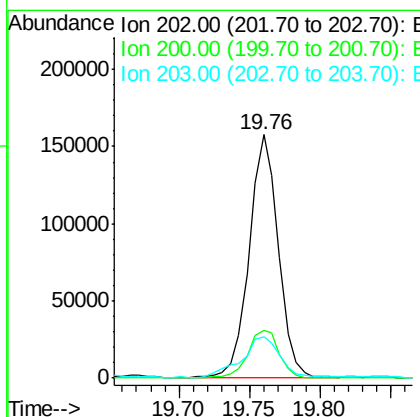
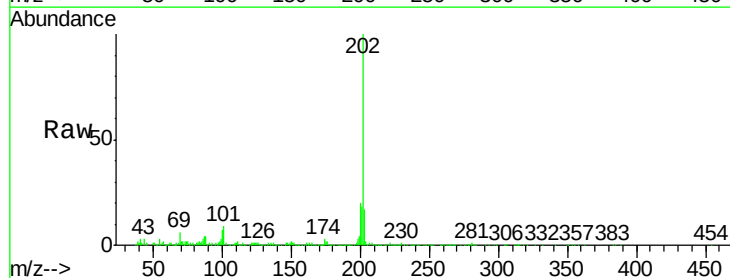
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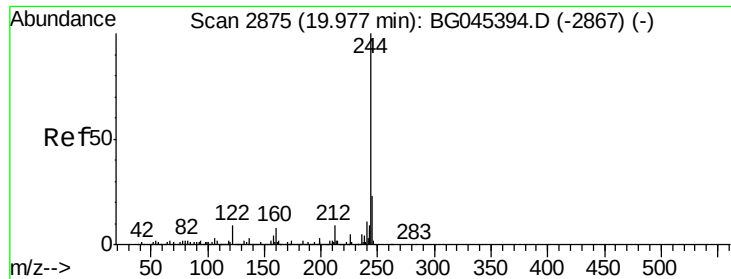
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#78
Pyrene
Concen: 10.627 ng
RT: 19.76 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG045568.D
Acq: 1 Jun 2020 23:18

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.7	18.2	27.2
203	17.0	15.1	22.7





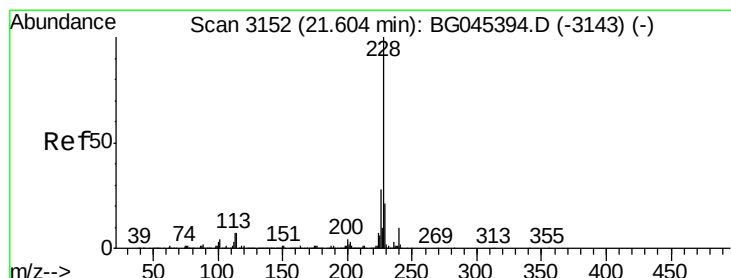
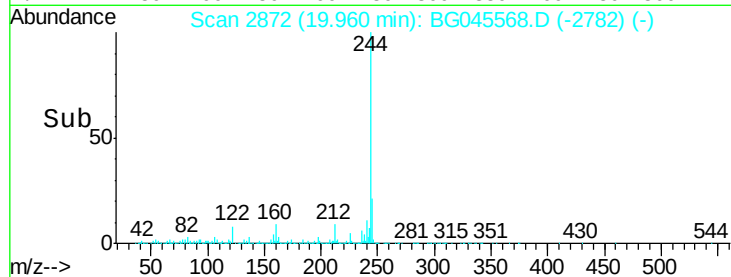
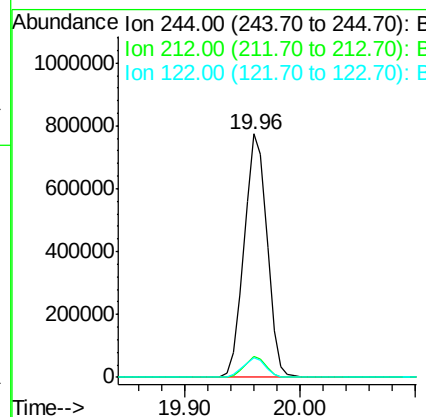
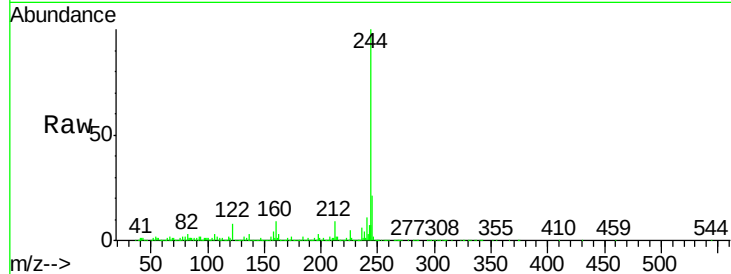
#79
 Terphenyl-d14
 Concen: 65.998 ng
 RT: 19.96 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: BG045568.D
 Acq: 1 Jun 2020 23:18

Instrument :
 BNA_G
 ClientSampleId :
 NM87-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.4	11.0
122	8.3	6.8	10.2

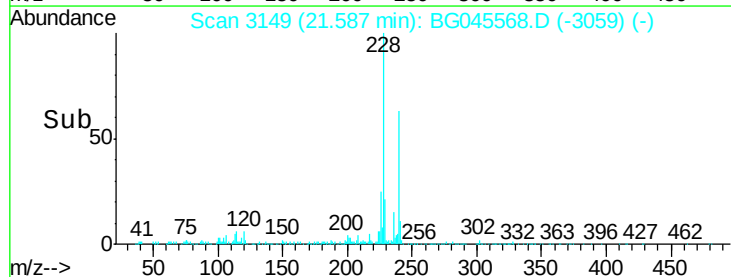
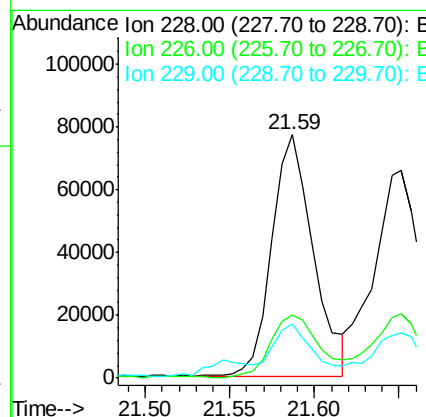
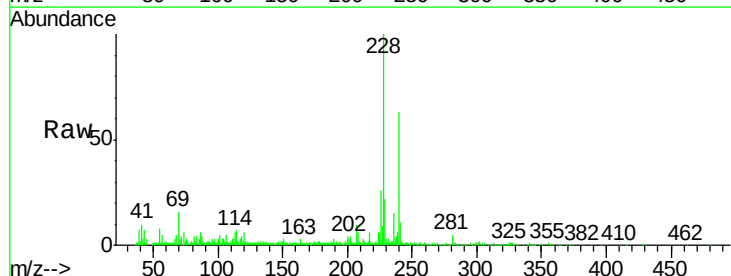
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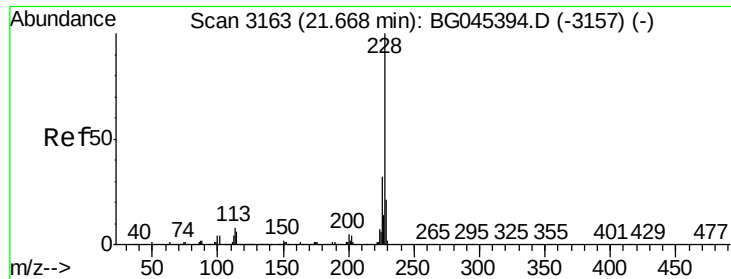
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#81
 Benzo(a)anthracene
 Concen: 6.249 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: BG045568.D
 Acq: 1 Jun 2020 23:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.8	22.7	34.1
229	22.0	16.7	25.1





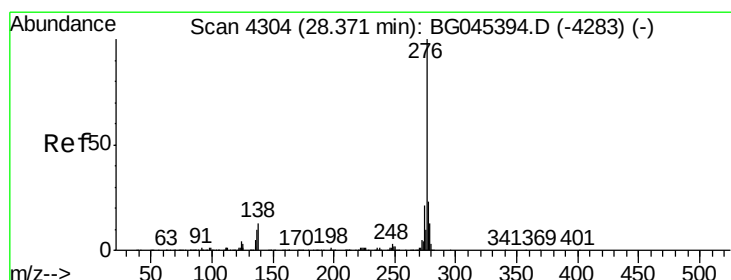
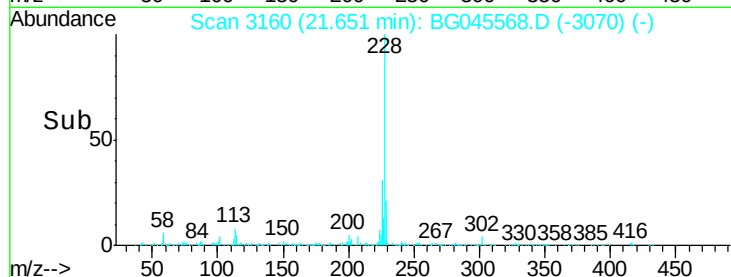
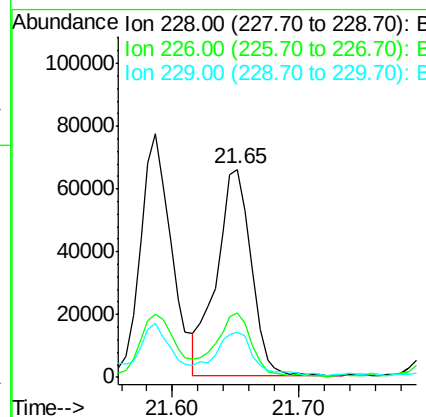
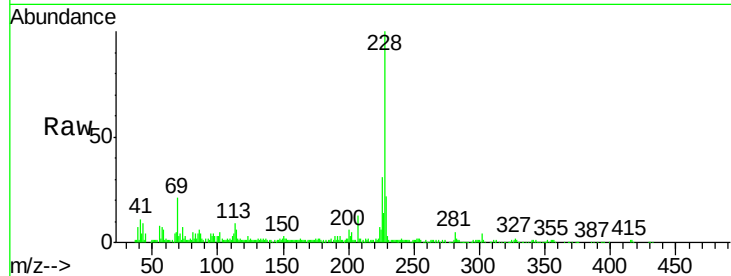
#83
Chrysene
Concen: 6.153 ng
RT: 21.65 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG045568.D
Acq: 1 Jun 2020 23:18

Instrument :
BNA_G
ClientSampleId :
NM87-COMP-2020-0-6

Tot Ion:	228	Resp:	123992
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.2	37.8
229	21.7	16.7	25.1

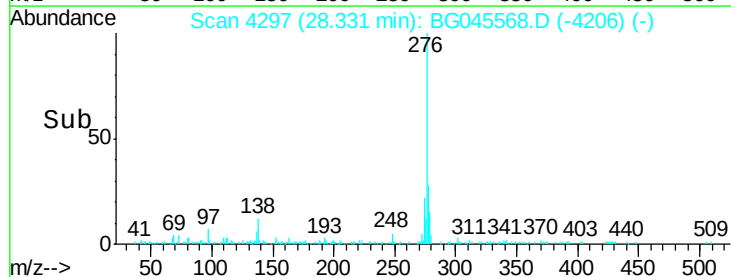
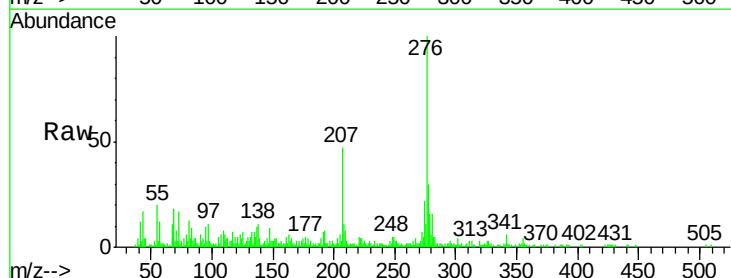
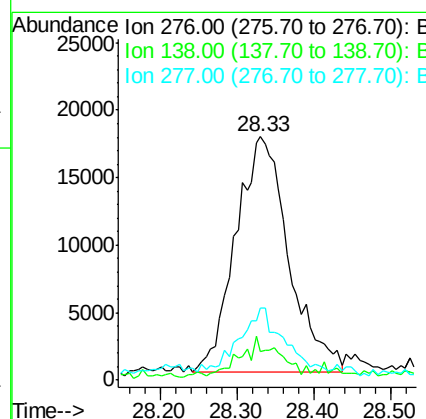
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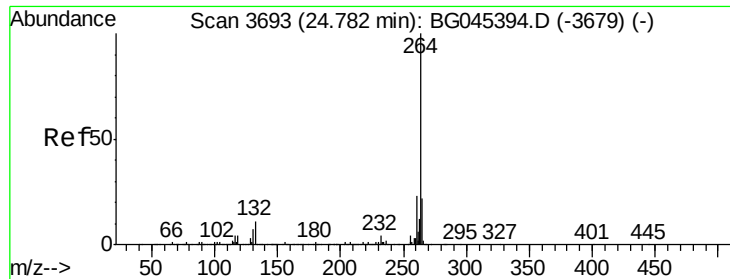
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#86
Indeno(1,2,3-cd)pyrene
Concen: 3.178 ng
RT: 28.33 min Scan# 4297
Delta R.T. 0.01 min
Lab File: BG045568.D
Acq: 1 Jun 2020 23:18

Tgt Ion:	276	Resp:	83754
Ion Ratio	Lower	Upper	
276	100		
138	6.7	8.6	12.8#
277	21.3	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3689

Delta R.T. 0.01 min

Lab File: BG045568.D

Acq: 1 Jun 2020 23:18

Instrument :

BNA_G

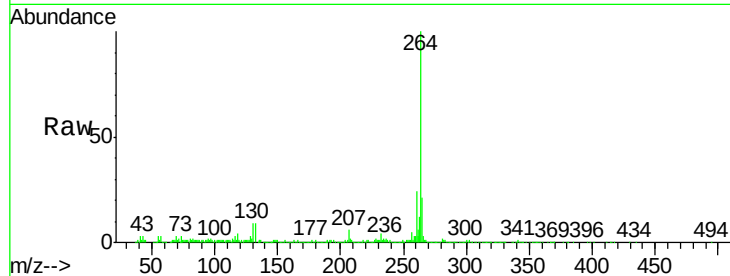
ClientSampleId :

NM87-COMP-2020-0-6

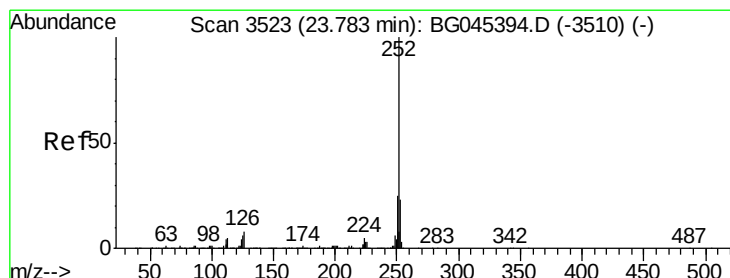
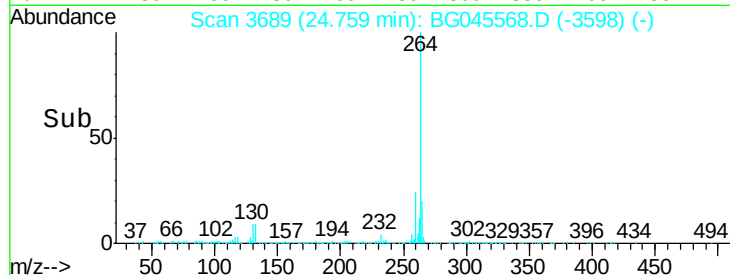
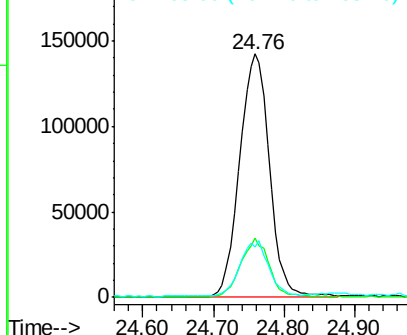
Tot Ion:	264	Resp:	417869
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.2	27.4
265	20.6	17.6	26.4

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



#88

Benzo(b)fluoranthene

Concen: 8.190 ng

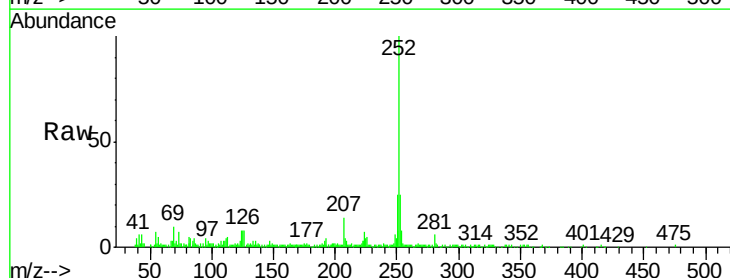
RT: 23.76 min Scan# 3519

Delta R.T. 0.00 min

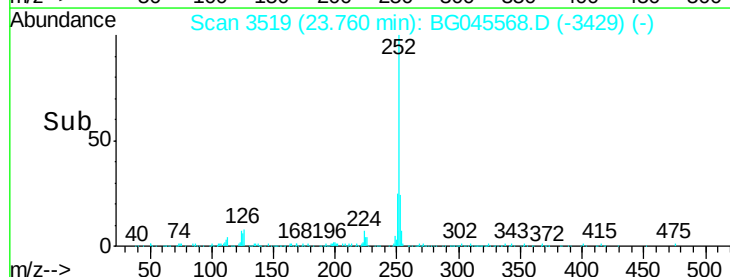
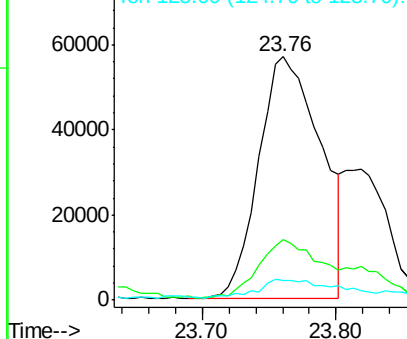
Lab File: BG045568.D

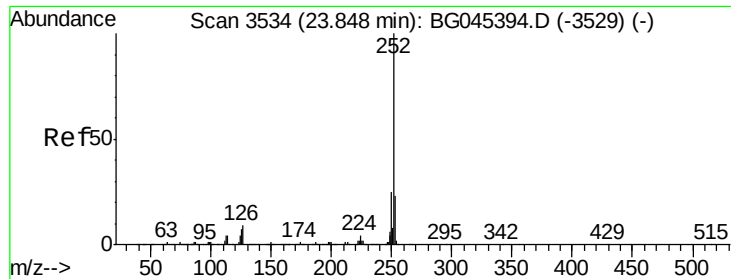
Acq: 1 Jun 2020 23:18

Tgt Ion:	252	Resp:	183536
Ion Ratio	Lower	Upper	
252	100		
253	24.7	18.1	27.1
125	8.1	5.0	7.6#



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





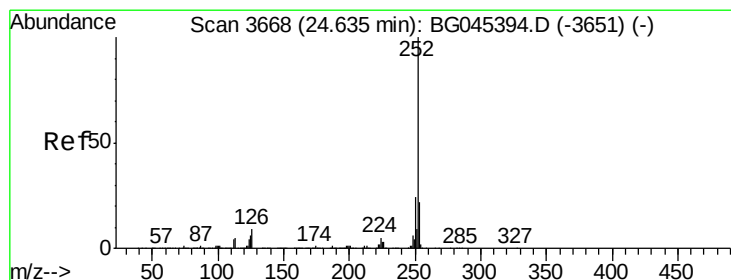
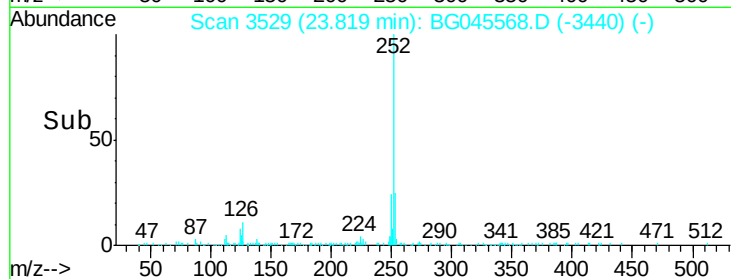
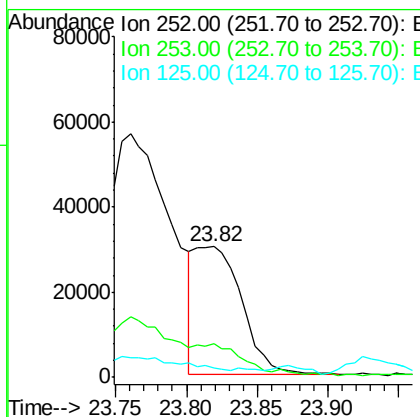
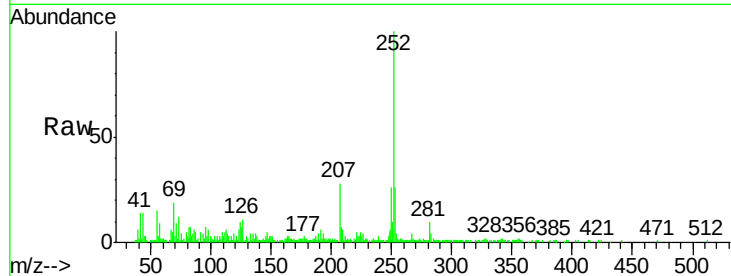
#89
Benzo(k)fluoranthene
Concen: 3.258 ng m
RT: 23.82 min Scan# 3529
Delta R.T. -0.00 min
Lab File: BG045568.D
Acq: 1 Jun 2020 23:18

Instrument :
BNA_G
ClientSampleId :
NM87-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.4	27.6
125	7.4	5.7	8.5

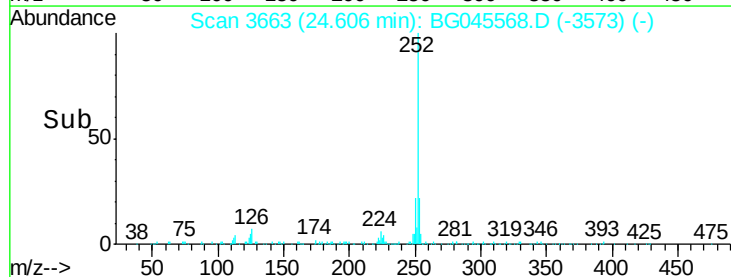
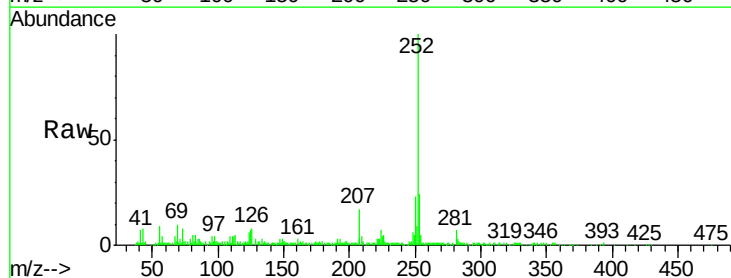
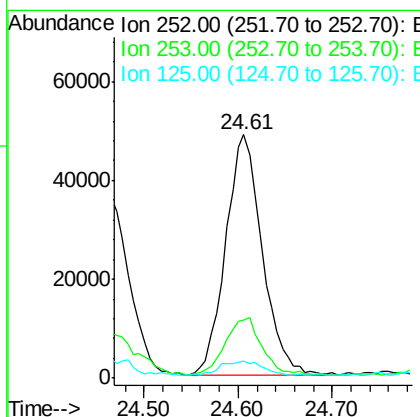
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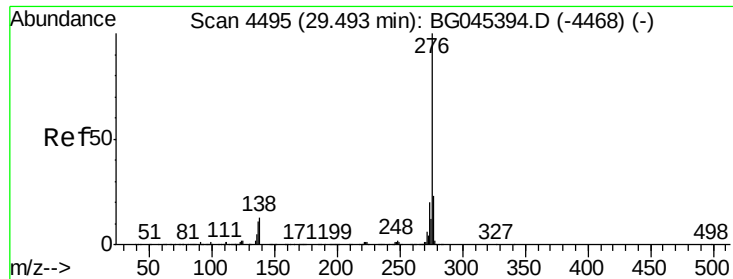
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#90
Benzo(a)pyrene
Concen: 6.289 ng
RT: 24.61 min Scan# 3663
Delta R.T. 0.00 min
Lab File: BG045568.D
Acq: 1 Jun 2020 23:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	7.2	5.0	7.6





#92

Benzo(a,h,i)perylene

Concen: 3.708 ng

RT: 29.44 min Scan# 4486

Delta R.T. 0.00 min

Lab File: BG045568.D

Acq: 1 Jun 2020 23:18

Instrument :

BNA_G

ClientSampleId :

NM87-COMP-2020-0-6

Tot Ion: 276 Resp: 77778

Ion Ratio Lower Upper

276 100

277 21.9 18.1 27.1

138 15.0 10.2 15.4

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