

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
 Data File : BG045489.D
 Acq On : 27 May 2020 23:42
 Operator : CG/JU
 Sample : L2746-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM94-COMP-2020-0-6

Manual Integrations
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Quant Time: May 28 02:15:42 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	100435	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	399334	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	273160	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	568947	20.00	ng	0.00
76) Chrysene-d12	21.61	240	497130	20.00	ng	0.00
87) Perylene-d12	24.76	264	540770	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	418548	81.44	ng	0.00
7) Phenol-d6	7.18	99	645869	88.30	ng	0.00
23) Nitrobenzene-d5	9.12	82	456376	62.32	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	311556	89.18	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1060792	65.87	ng	0.00
79) Terphenyl-d14	19.96	244	1450538	68.05	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	135924	7.254	ng	97
71) Phenanthrene	17.39	178	103990	4.187	ng	98
75) Fluoranthene	19.40	202	239825	7.591	ng	99
78) Pyrene	19.76	202	215367	7.600	ng	96
81) Benzo(a)anthracene	21.59	228	124846	4.508	ng	97
83) Chrysene	21.66	228	104875	3.938	ng	98
88) Benzo(b)fluoranthene	23.77	252	152803m	5.269	ng	
90) Benzo(a)pyrene	24.60	252	114067	4.223	ng	# 92
92) Benzo(g,h,i)perylene	29.45	276	61640	2.271	ng	# 88

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

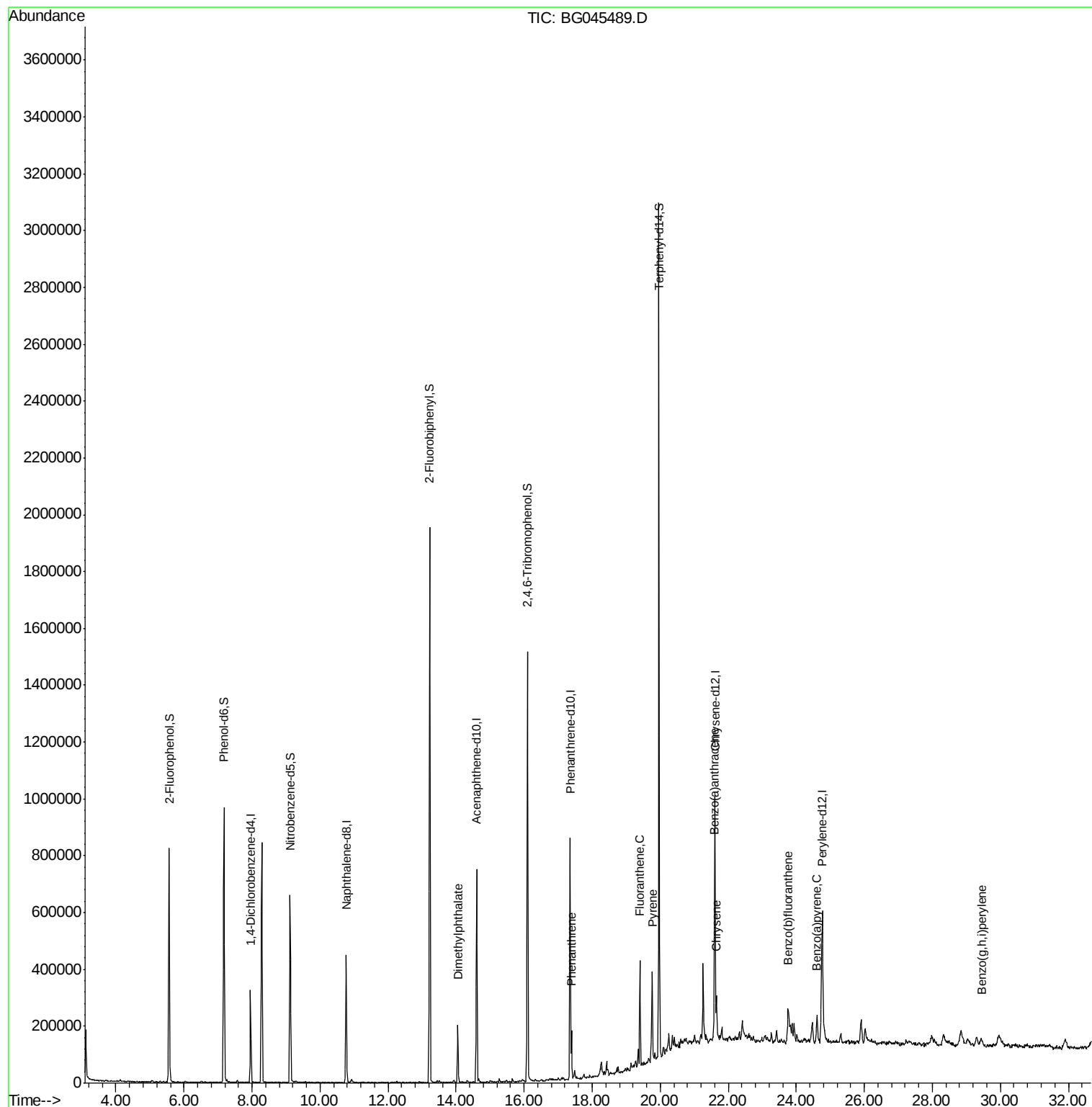
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
Data File : BG045489.D
Acq On : 27 May 2020 23:42
Operator : CG/JU
Sample : L2746-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

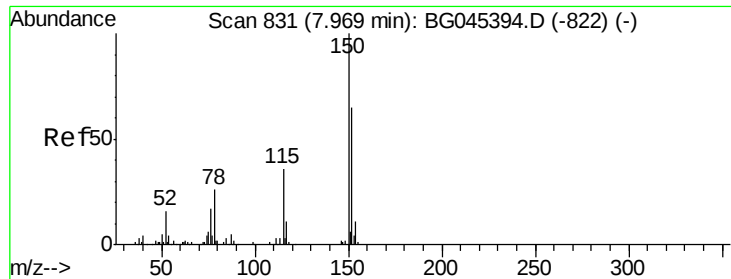
Instrument :
BNA_G
ClientSampleId :
NM94-COMP-2020-0-6

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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

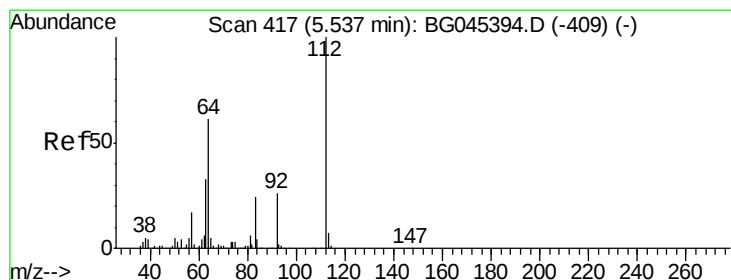
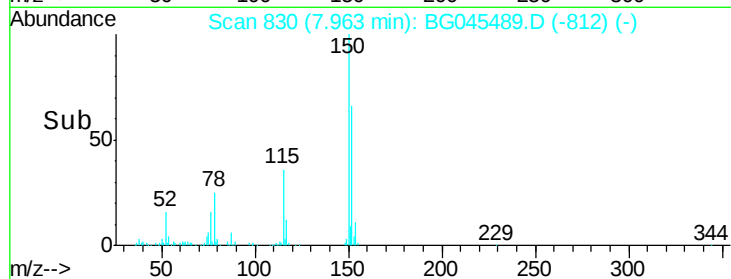
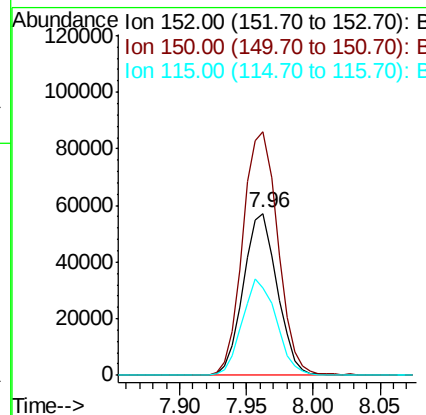
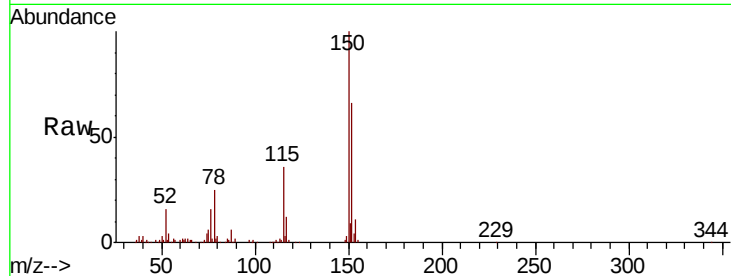
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG045489.D
Acq: 27 May 2020 23:42

Instrument :
BNA_G
ClientSampleId :
NM94-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	122.4	183.6
115	54.3	44.2	66.4

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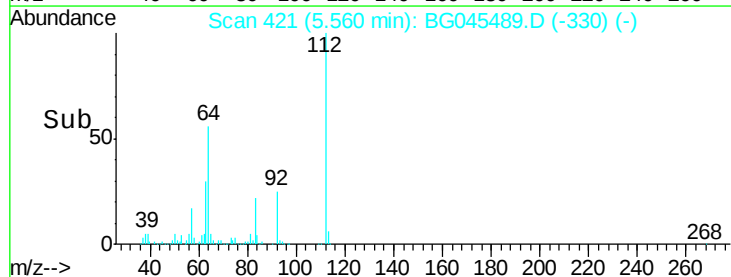
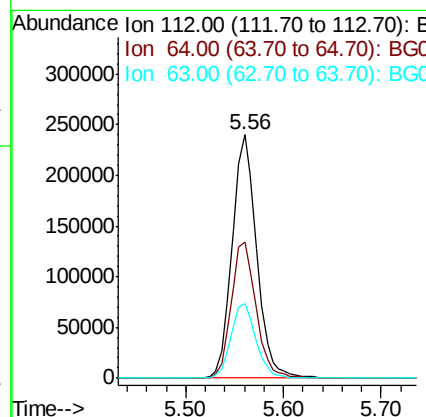
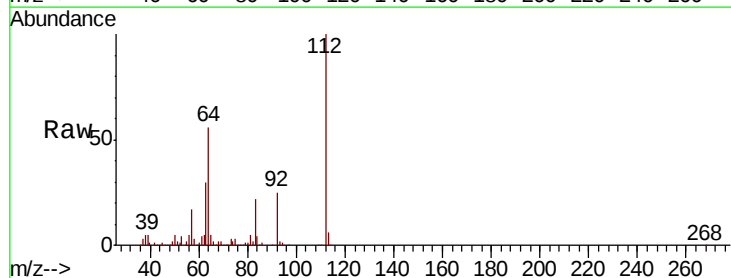
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#5

2-Fluorophenol
Concen: 81.442 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG045489.D
Acq: 27 May 2020 23:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	48.6	72.8
63	30.4	26.5	39.7





#7

Phenol-d6

Concen: 88.299 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG045489.D

Acq: 27 May 2020 23:42

Instrument :

BNA_G

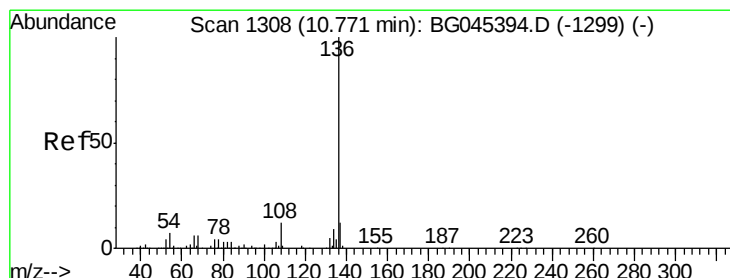
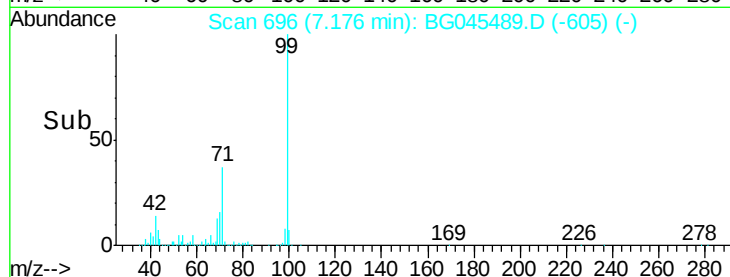
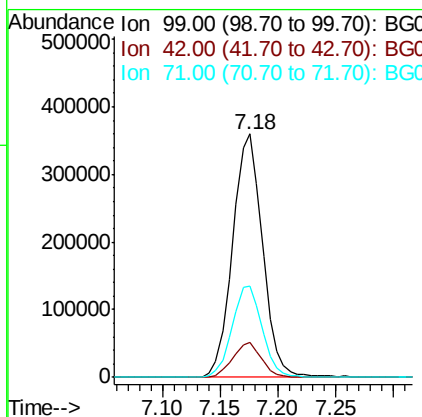
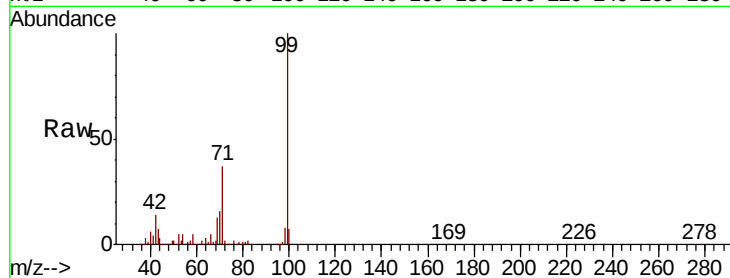
ClientSampleId :

NM94-COMP-2020-0-6

Tot Ion:	99	Resp:	645869
Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.3	16.9
71	37.4	30.8	46.2

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#21

Naphthalene-d8

Concen: 20.000 ng

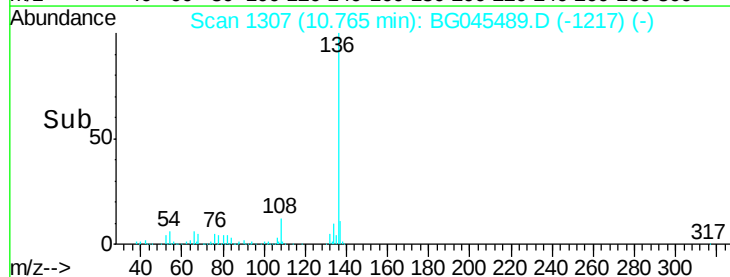
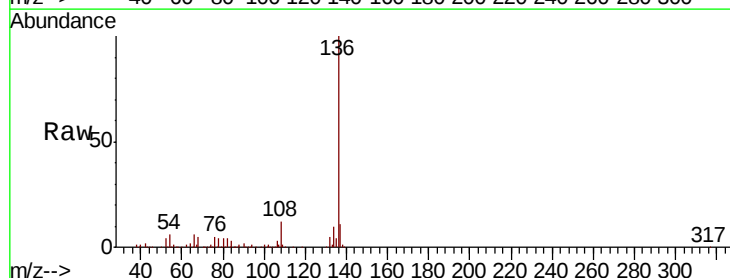
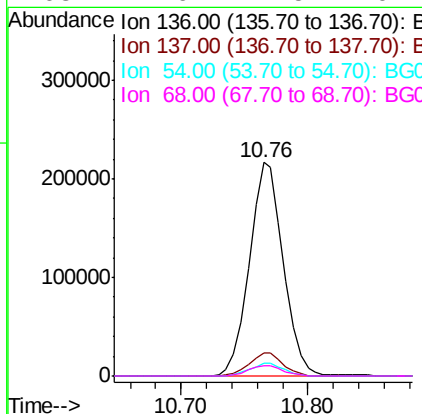
RT: 10.76 min Scan# 1307

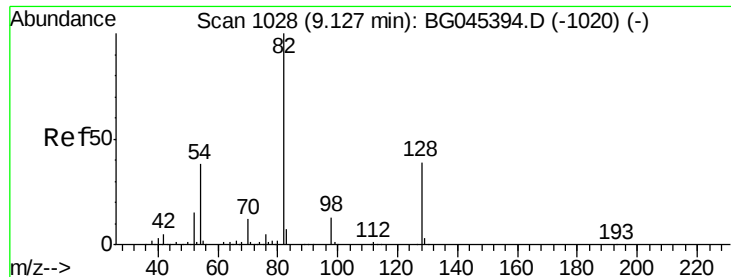
Delta R.T. -0.00 min

Lab File: BG045489.D

Acq: 27 May 2020 23:42

Tgt Ion:	136	Resp:	399334
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.2
54	6.2	5.8	8.6
68	4.6	4.5	6.7





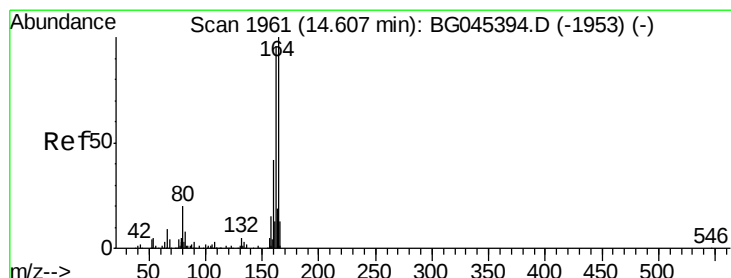
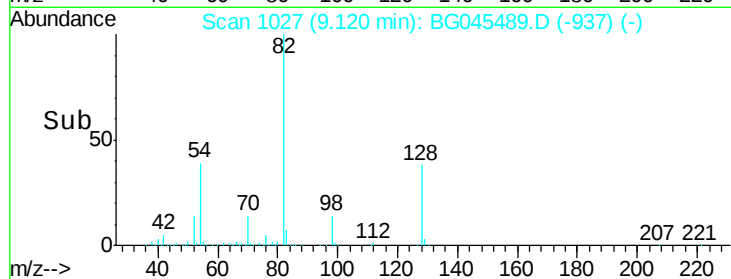
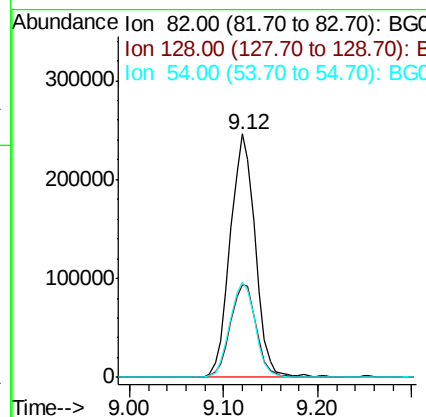
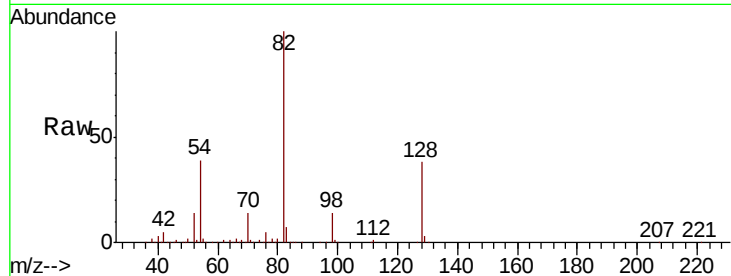
#23
Nitrobenzene-d5
Concen: 62.321 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG045489.D
Acq: 27 May 2020 23:42

Instrument :
BNA_G
ClientSampleId :
NM94-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.9	46.3
54	39.0	30.3	45.5

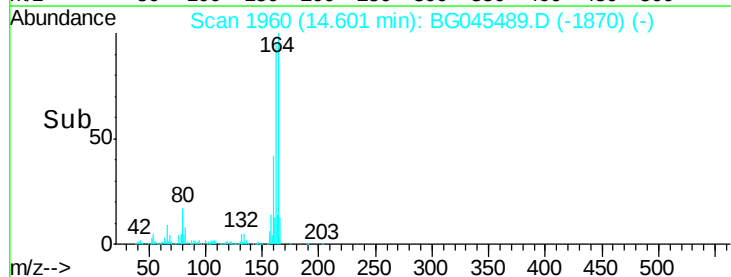
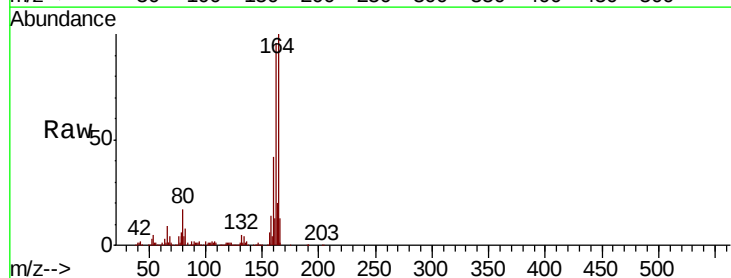
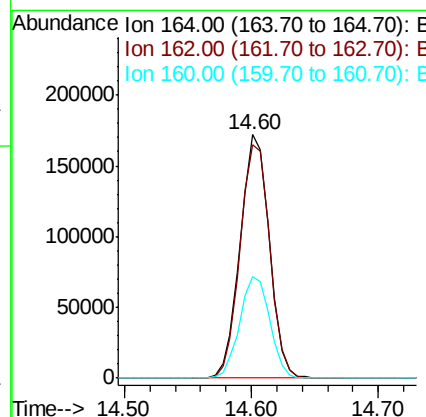
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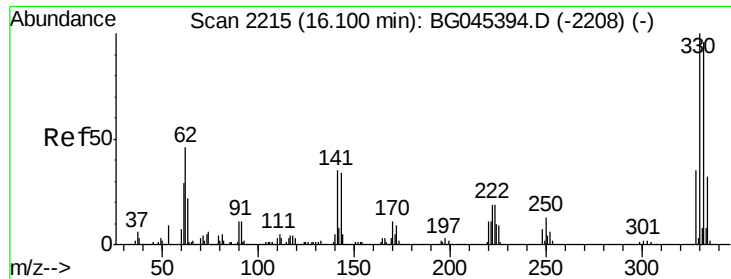
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG045489.D
Acq: 27 May 2020 23:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.7	76.9	115.3
160	41.5	33.8	50.8





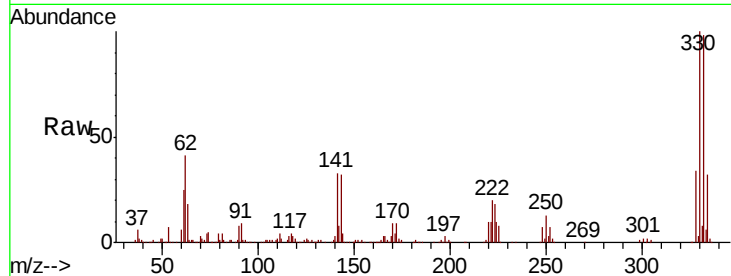
#42
 2,4,6-Tribromophenol
 Concen: 89.184 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. -0.00 min
 Lab File: BG045489.D
 Acq: 27 May 2020 23:42

Instrument :
 BNA_G
 ClientSampleId :
 NM94-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	311556		
332	98.1	78.2	117.4	
141	34.2	28.2	42.4	

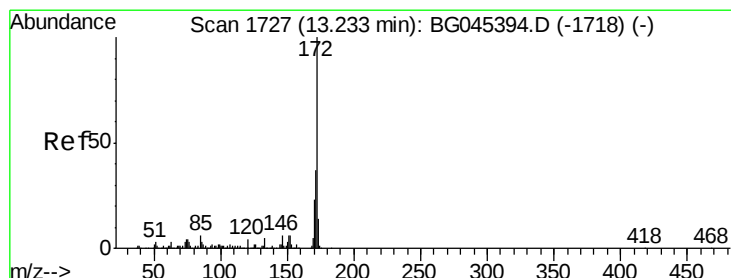
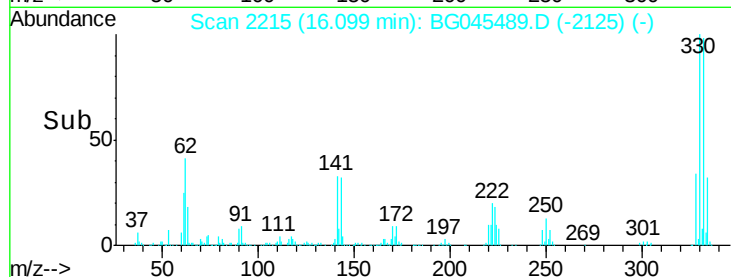
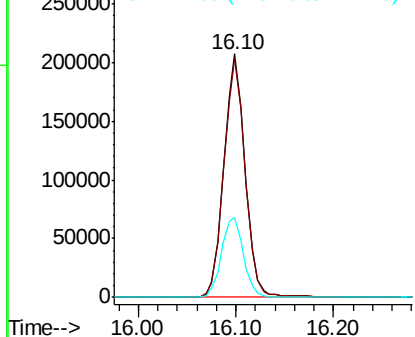
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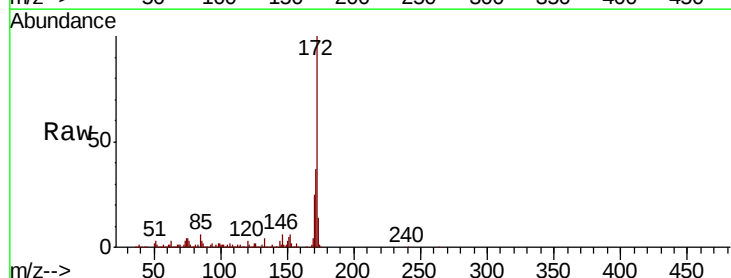
Abundance

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



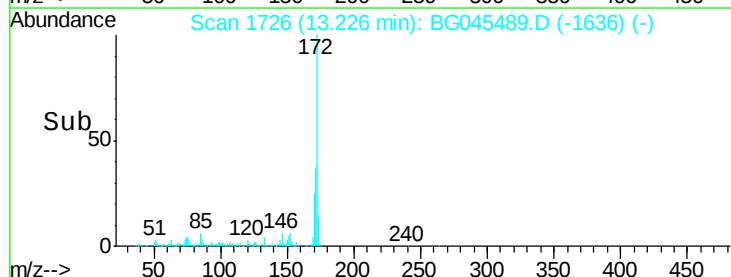
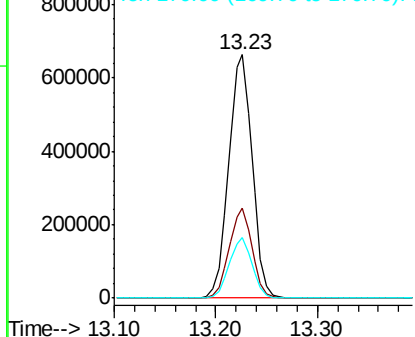
#45
 2-Fluorobiphenyl
 Concen: 65.871 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BG045489.D
 Acq: 27 May 2020 23:42

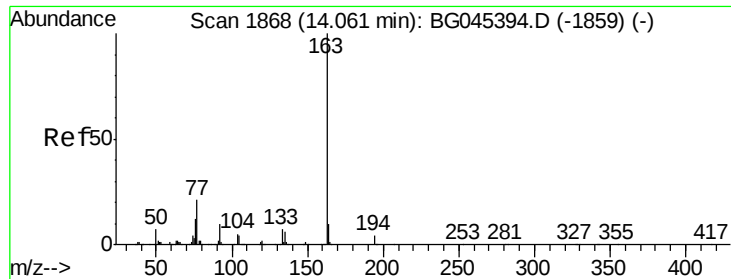
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1060792		
171	36.8	29.5	44.3	
170	24.9	18.5	27.7	



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





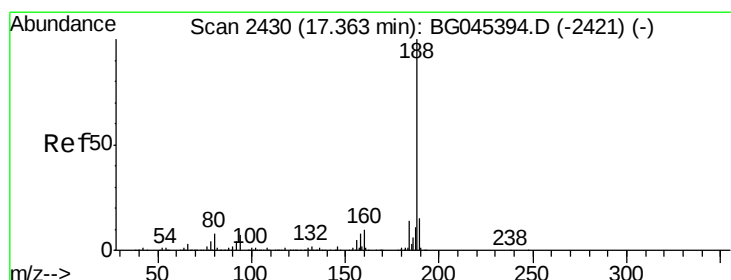
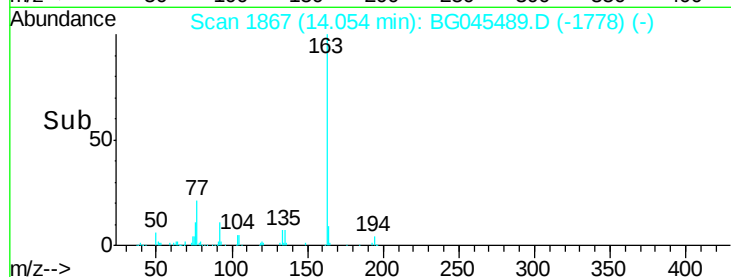
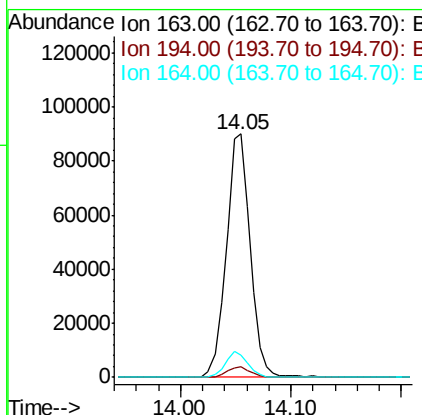
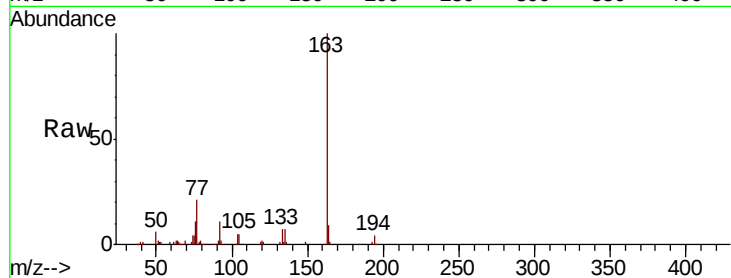
#50
Dimethylphthalate
Concen: 7.254 ng
RT: 14.05 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BG045489.D
Acq: 27 May 2020 23:42

Instrument :
BNA_G
ClientSampleId :
NM94-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	135924		
194	4.3		3.2	4.8
164	9.2		8.3	12.5

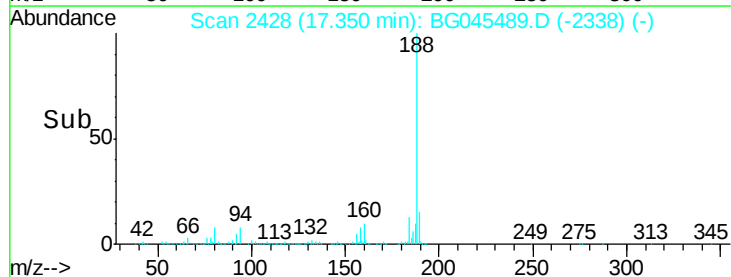
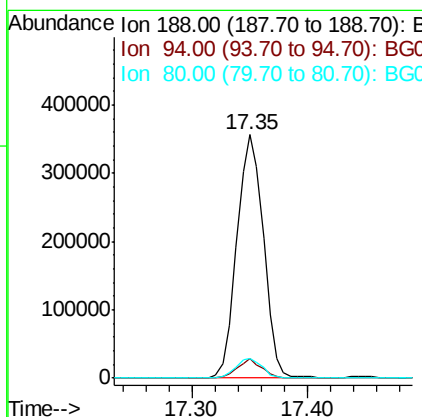
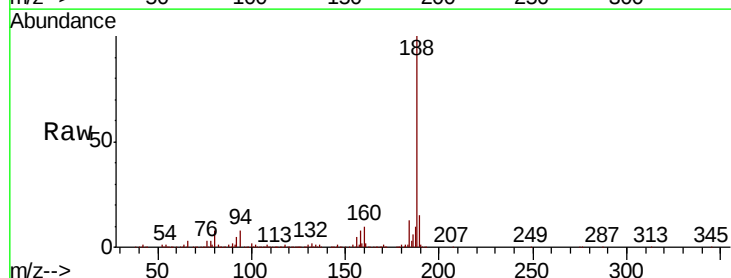
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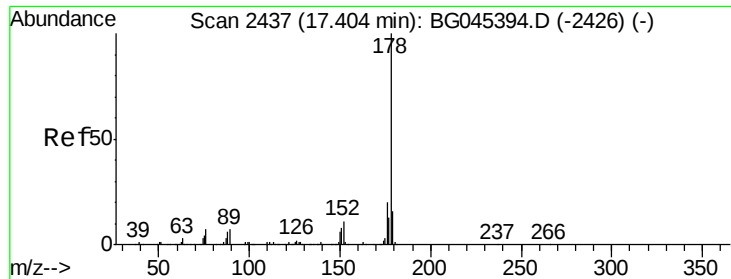
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG045489.D
Acq: 27 May 2020 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	568947		
94	7.9		5.5	8.3
80	8.3		6.6	10.0





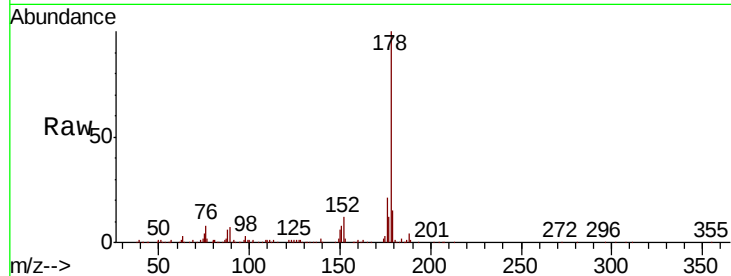
#71
Phenanthrene
Concen: 4.187 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG045489.D
Acq: 27 May 2020 23:42

Instrument :
BNA_G
ClientSampleId :
NM94-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	14.8	13.1	19.7

Manual Integrations
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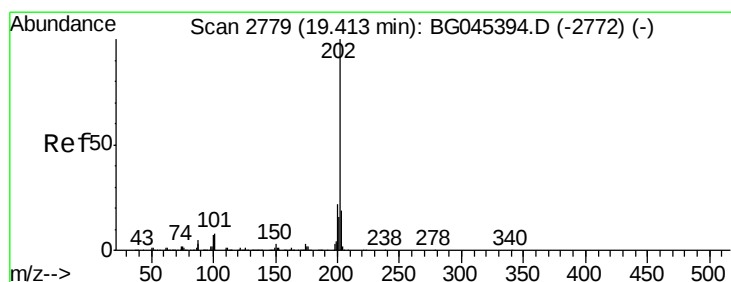
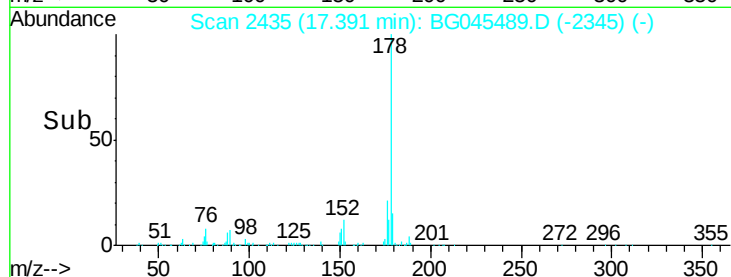
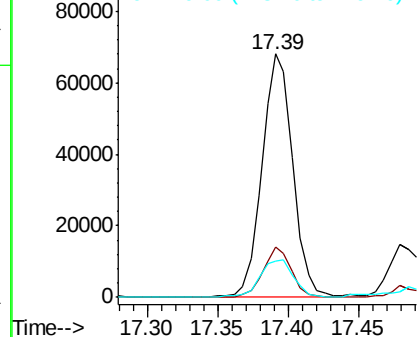


Abundance

Ion 178.00 (177.70 to 178.70): E

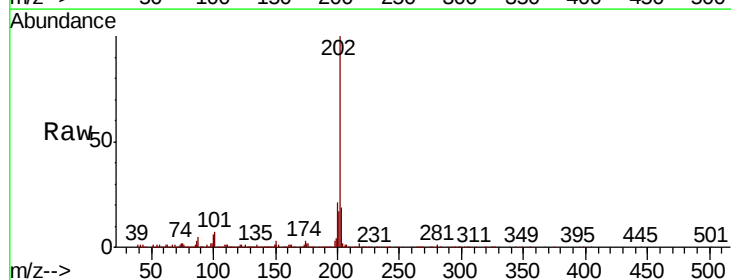
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 7.591 ng
RT: 19.40 min Scan# 2777
Delta R.T. -0.00 min
Lab File: BG045489.D
Acq: 27 May 2020 23:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	28.3
203	19.1	0.0	39.0

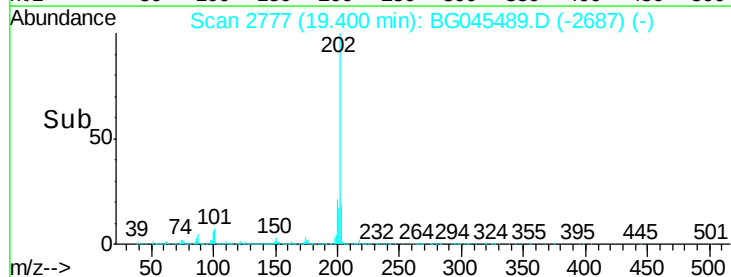
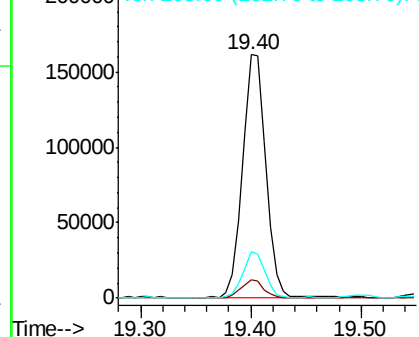


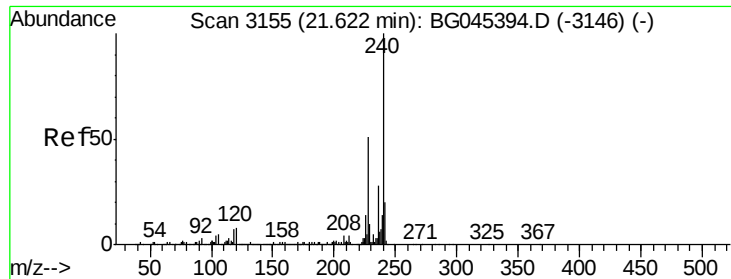
Abundance

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





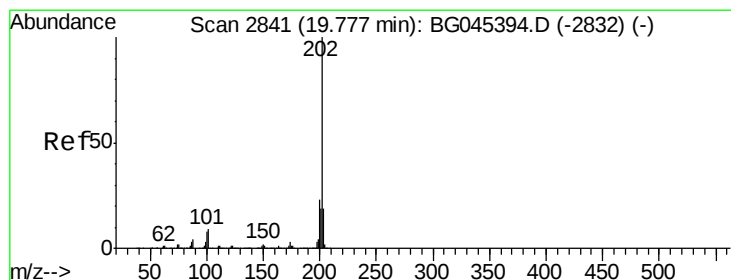
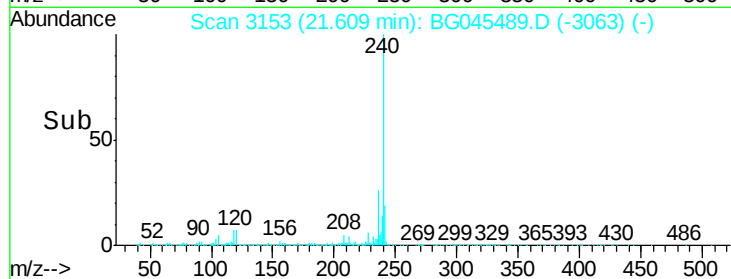
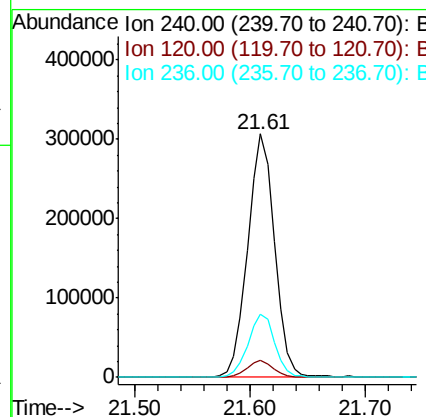
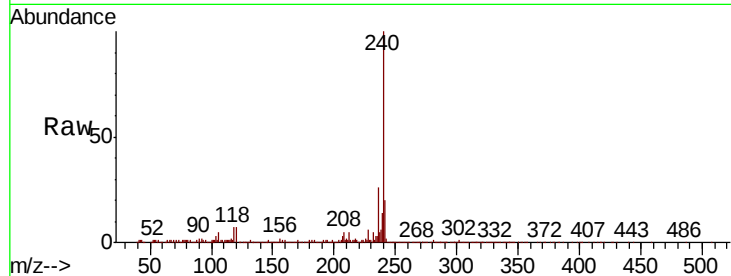
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG045489.D
Acq: 27 May 2020 23:42

Instrument :
BNA_G
ClientSampleId :
NM94-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.1	9.1
236	26.1	22.3	33.5

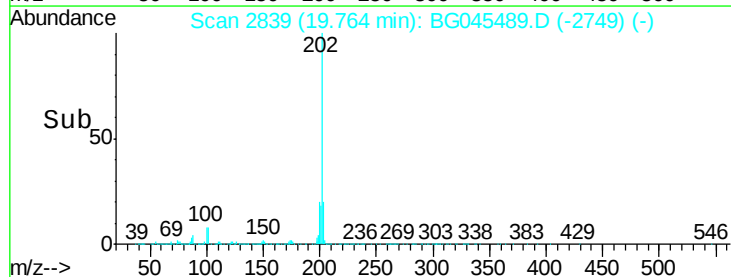
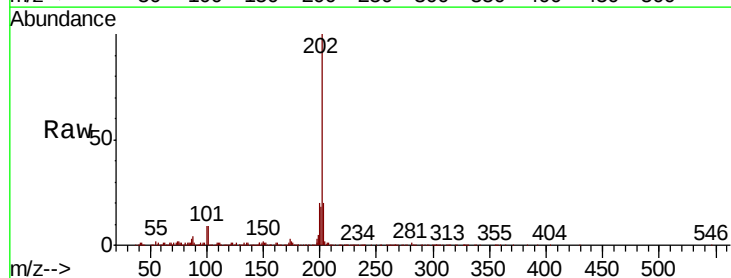
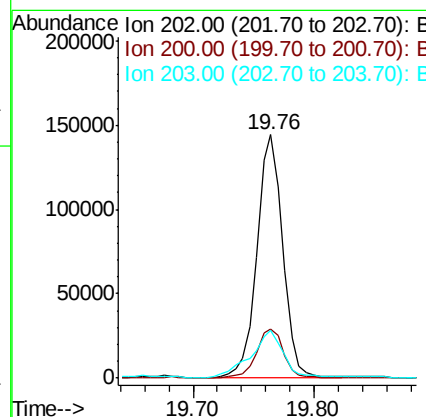
Manual Integrations
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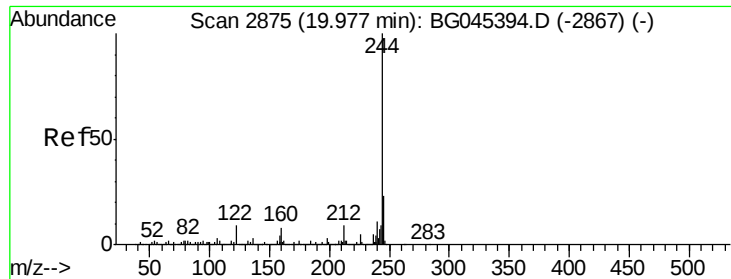
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#78
Pyrene
Concen: 7.600 ng
RT: 19.76 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BG045489.D
Acq: 27 May 2020 23:42

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	18.2	27.2
203	19.7	15.1	22.7





#79

Terphenyl-d14

Concen: 68.052 ng

RT: 19.96 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG045489.D

Acq: 27 May 2020 23:42

Instrument :

BNA_G

ClientSampleId :

NM94-COMP-2020-0-6

Tot Ion:244 Resp: 1450538

Ion Ratio Lower Upper

244 100

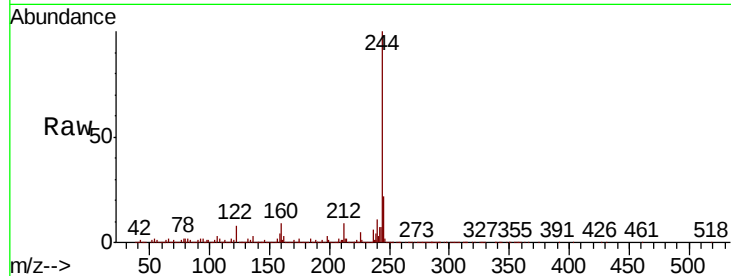
212 9.1 7.4 11.0

122 8.2 6.8 10.2

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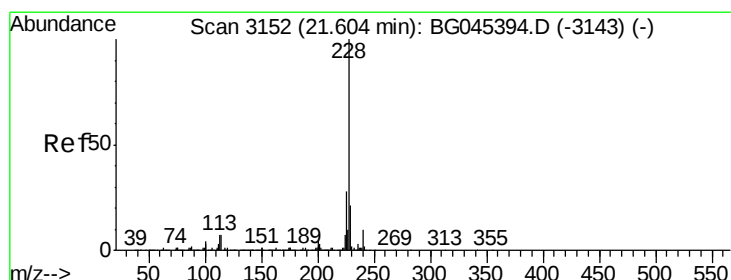
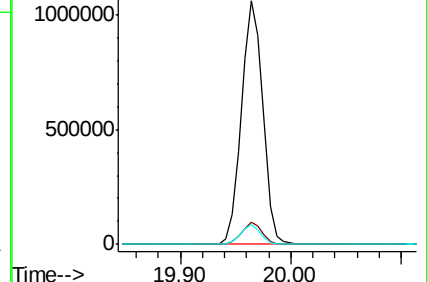
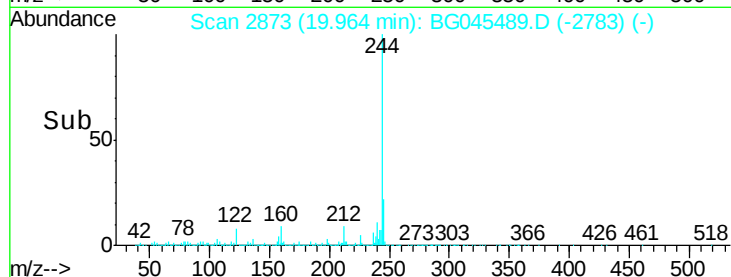
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 4.508 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG045489.D

Acq: 27 May 2020 23:42

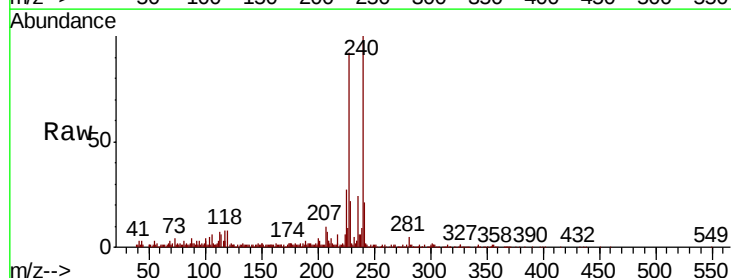
Tgt Ion:228 Resp: 124846

Ion Ratio Lower Upper

228 100

226 29.1 22.7 34.1

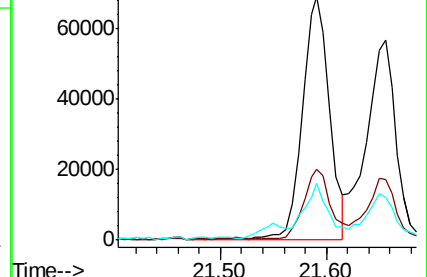
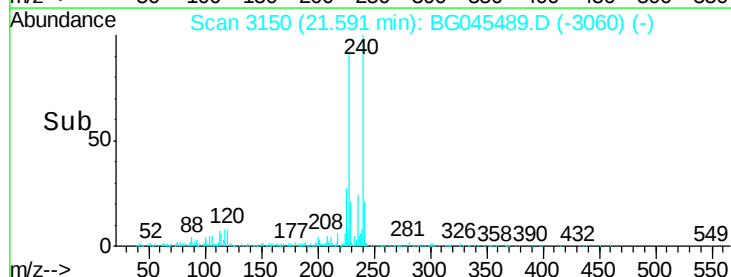
229 23.3 16.7 25.1

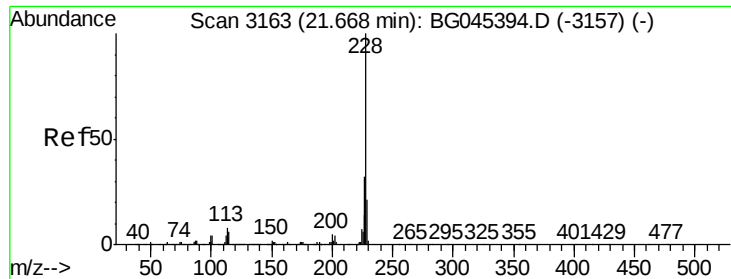


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





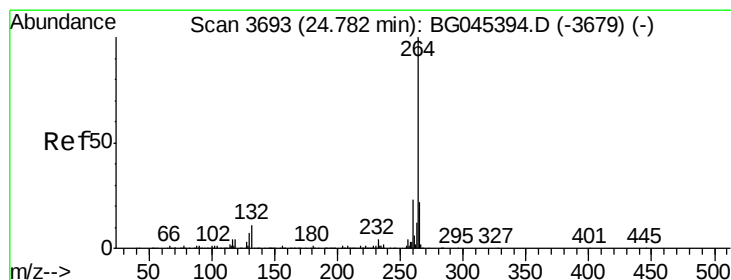
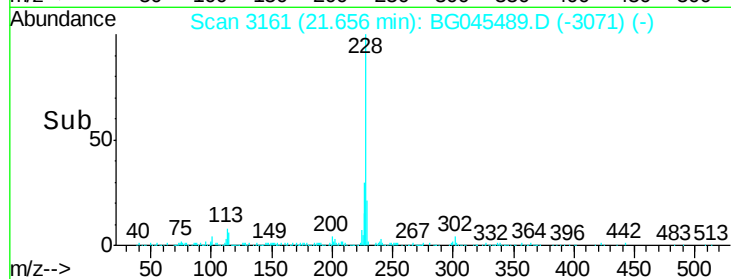
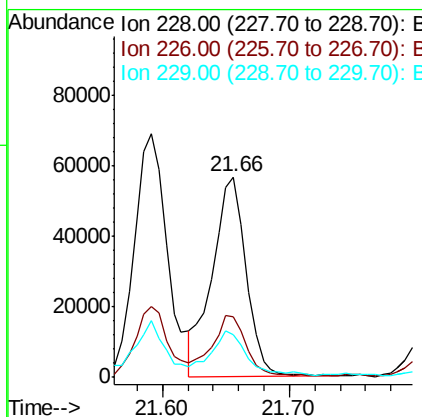
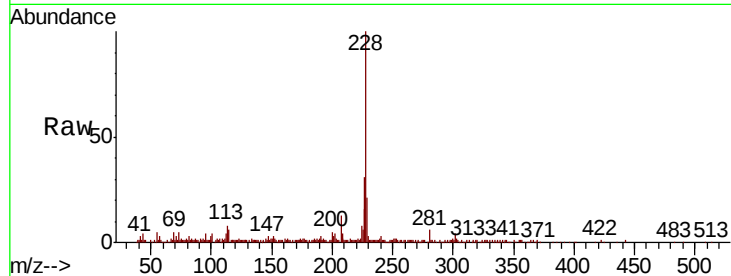
#83
Chrysene
Concen: 3.938 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BG045489.D
Acq: 27 May 2020 23:42

Instrument :
BNA_G
ClientSampleId :
NM94-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.2	37.8
229	21.5	16.7	25.1

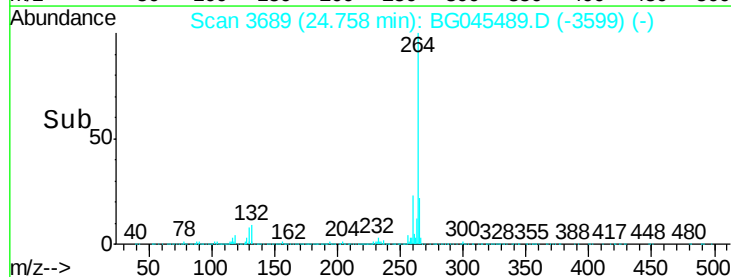
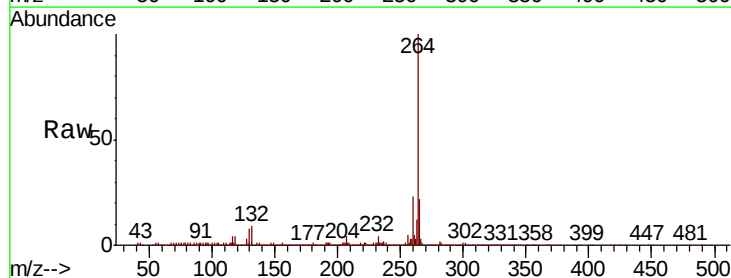
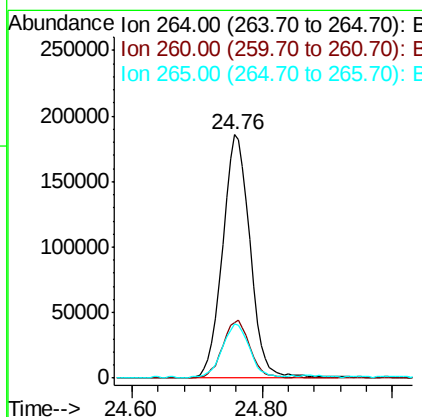
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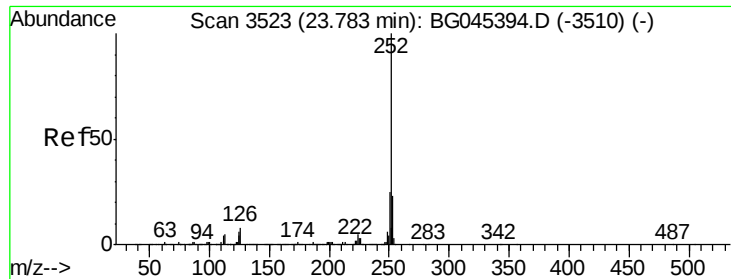
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#87
Perylene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3689
Delta R.T. -0.00 min
Lab File: BG045489.D
Acq: 27 May 2020 23:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	22.5	17.6	26.4





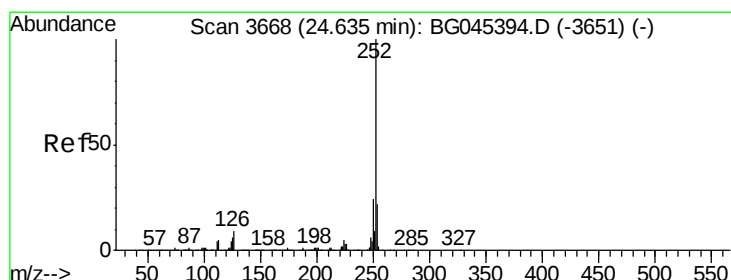
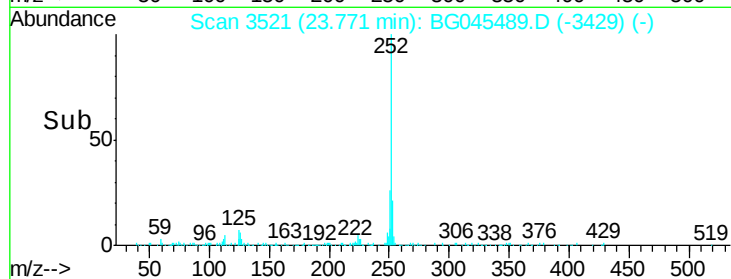
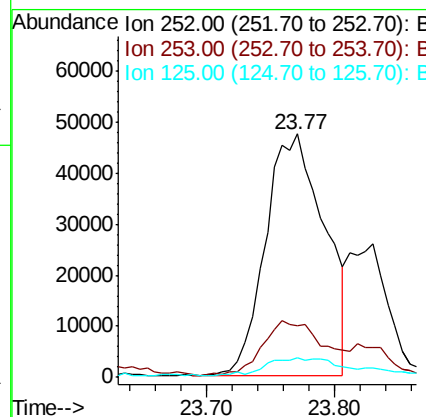
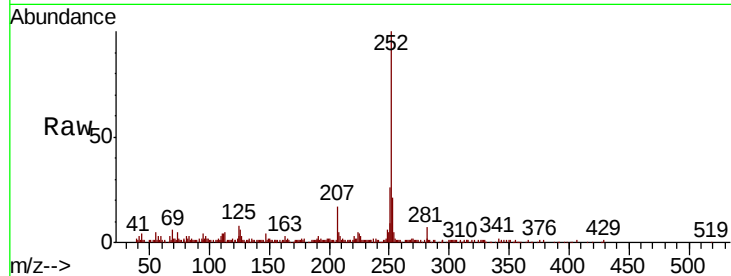
#88
Benzo(b)fluoranthene
Concen: 5.269 ng m
RT: 23.77 min Scan# 3521
Delta R.T. 0.01 min
Lab File: BG045489.D
Acq: 27 May 2020 23:42

Instrument :
BNA_G
ClientSampleId :
NM94-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	8.0	5.0	7.6

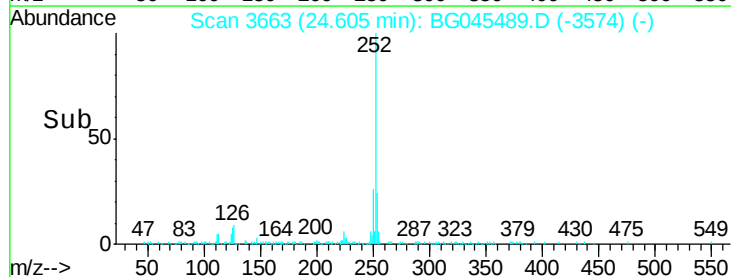
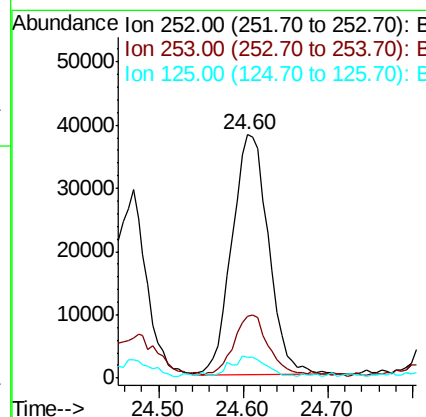
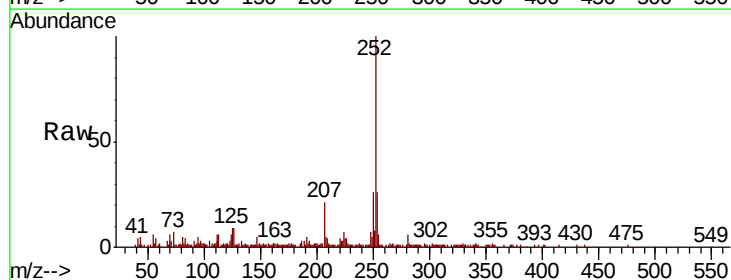
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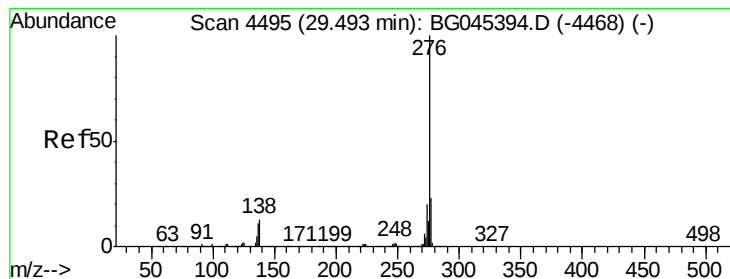
mohammad
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#90
Benzo(a)pyrene
Concen: 4.223 ng
RT: 24.60 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG045489.D
Acq: 27 May 2020 23:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.2	25.8
125	8.5	5.0	7.6





#92

Benzo(a,h,i)perylene

Concen: 2.271 ng

RT: 29.45 min Scan# 4487

Delta R.T. -0.00 min

Lab File: BG045489.D

Acq: 27 May 2020 23:42

Instrument :

BNA_G

ClientSampleId :

NM94-COMP-2020-0-6

Tot Ion:	276	Resp:	61640
Ion Ratio	Lower	Upper	
276	100		
277	27.6	18.1	27.1#
138	18.2	10.2	15.4#

Manual Integrations
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