

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
 Data File : BG044675.D
 Acq On : 3 Mar 2020 23:30
 Operator : CG/JU
 Sample : L1762-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-030220

Manual Integrations
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Quant Time: Mar 04 04:40:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	65001m	20.00	ng	-0.07
21) Naphthalene-d8	10.61	136	273503	20.00	ng	-0.07
39) Acenaphthene-d10	14.45	164	193401	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	420190	20.00	ng	-0.06
76) Chrysene-d12	21.43	240	386794	20.00	ng	-0.07
87) Perylene-d12	24.45	264	443386	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	409222	101.01	ng	-0.07
7) Phenol-d6	6.99	99	559650	100.92	ng	-0.06
23) Nitrobenzene-d5	8.96	82	332502	62.63	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	251250	91.62	ng	-0.06
45) 2-Fluorobiphenyl	13.07	172	843266	62.44	ng	-0.06
79) Terphenyl-d14	19.82	244	1344273	65.79	ng	-0.06
Target Compounds						
50) Dimethylphthalate	13.91	163	132880	8.512	ng	98
71) Phenanthrene	17.24	178	76465	3.287	ng	98
75) Fluoranthene	19.26	202	162963	5.918	ng	96
78) Pyrene	19.62	202	169341	6.031	ng	97
81) Benzo(a)anthracene	21.42	228	81952	3.015	ng	98
83) Chrysene	21.48	228	79072	3.008	ng	98
88) Benzo(b)fluoranthene	23.51	252	94478	3.241	ng	98
90) Benzo(a)pyrene	24.31	252	72353	2.642	ng	97

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

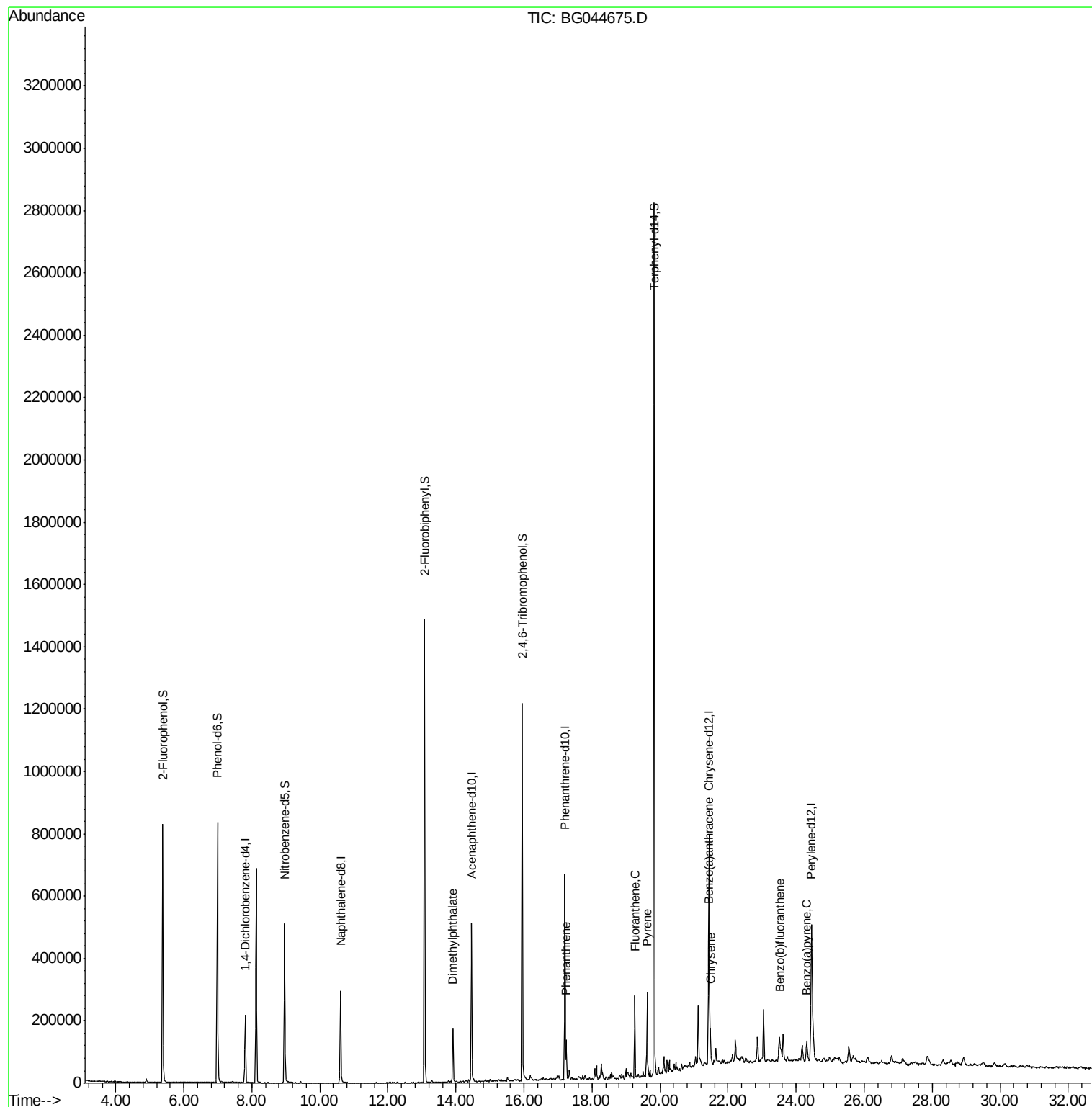
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
Data File : BG044675.D
Acq On : 3 Mar 2020 23:30
Operator : CG/JU
Sample : L1762-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

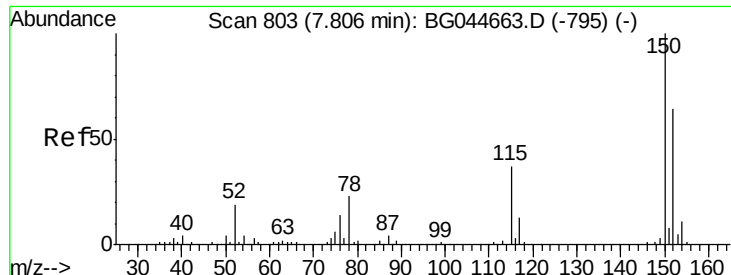
Instrument :
BNA_G
ClientSampleId :
TR-05-030220

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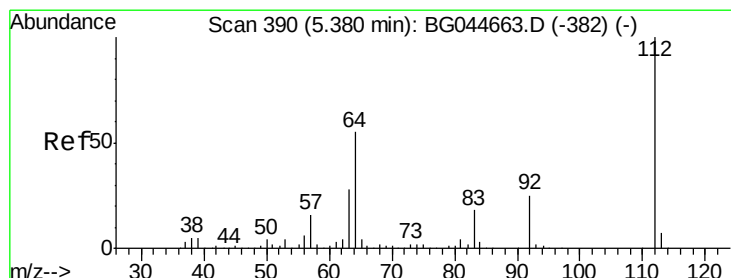
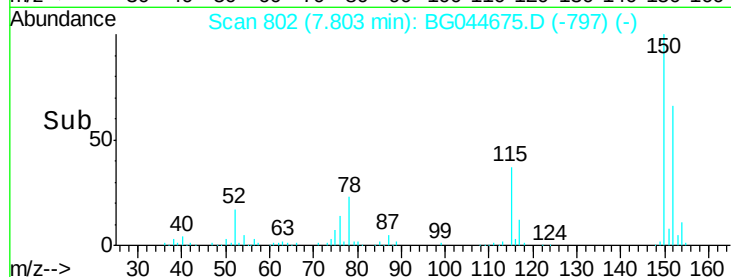
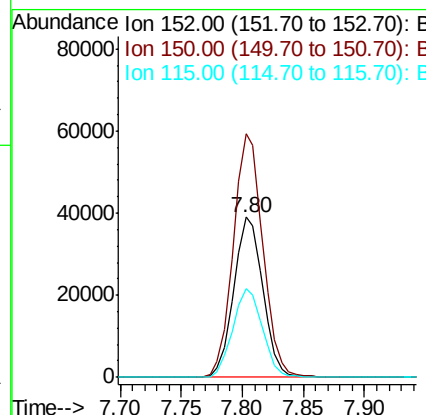
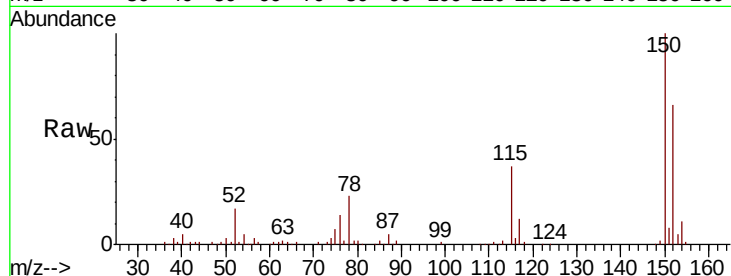
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng/ml
 RT: 7.80 min Scan# 802
 Delta R.T. -0.07 min
 Lab File: BG044675.D
 Acq: 3 Mar 2020 23:30

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-030220

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	128.9	193.3
115	55.6	47.0	70.4

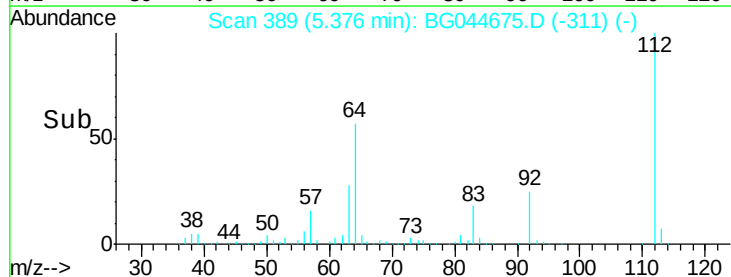
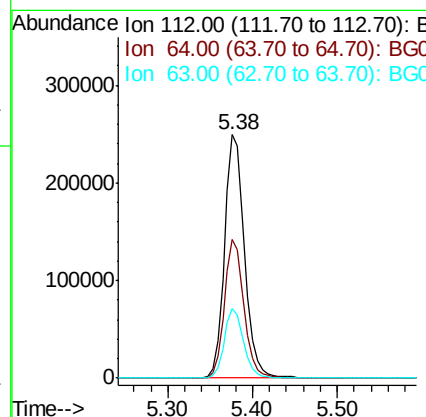
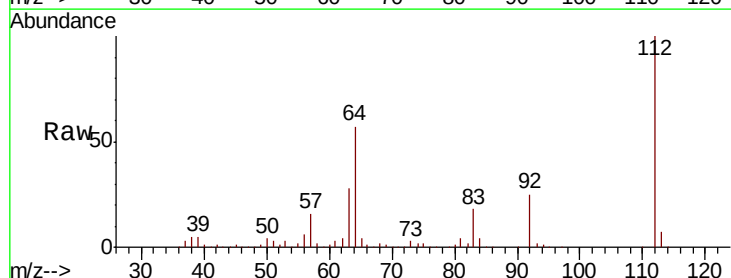
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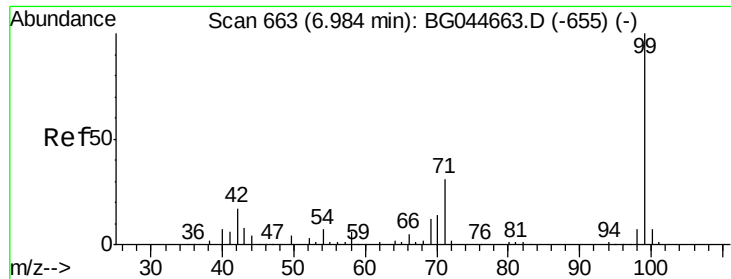
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#5
 2-Fluorophenol
 Concen: 101.011 ng
 RT: 5.38 min Scan# 389
 Delta R.T. -0.07 min
 Lab File: BG044675.D
 Acq: 3 Mar 2020 23:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	44.8	67.2
63	28.4	22.3	33.5





#7

Phenol-d6

Concen: 100.922 ng

RT: 6.99 min Scan# 663

Delta R.T. -0.06 min

Lab File: BG044675.D

Acq: 3 Mar 2020 23:30

Instrument :

BNA_G

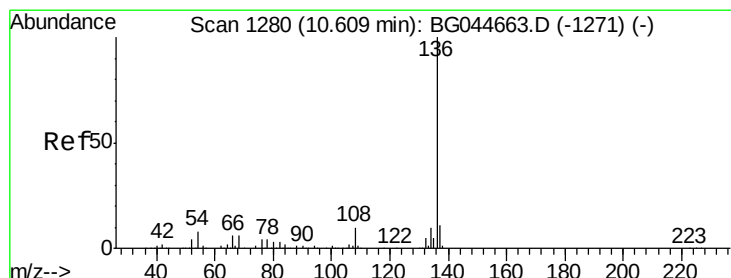
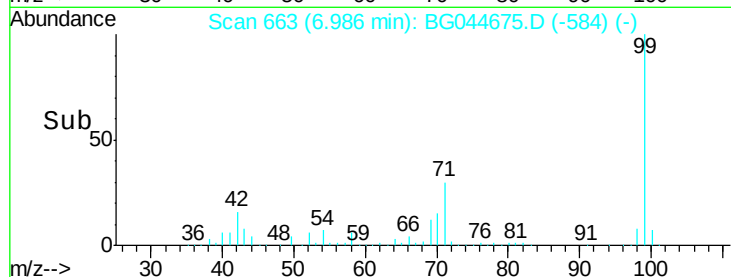
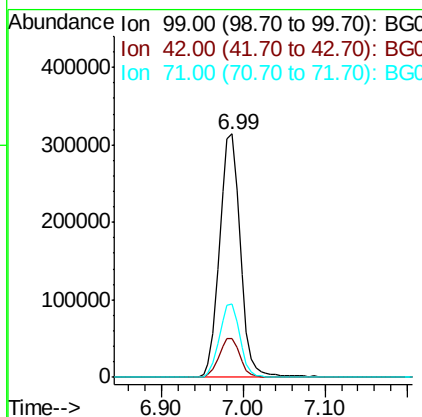
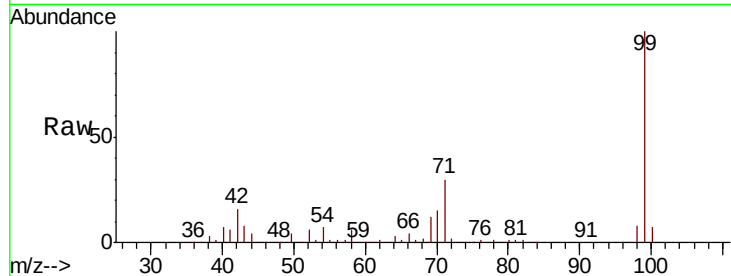
ClientSampleId :

TR-05-030220

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		559650		
42	16.1	12.8	19.2		
71	30.0	24.4	36.6		

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#21

Naphthalene-d8

Concen: 20.000 ng

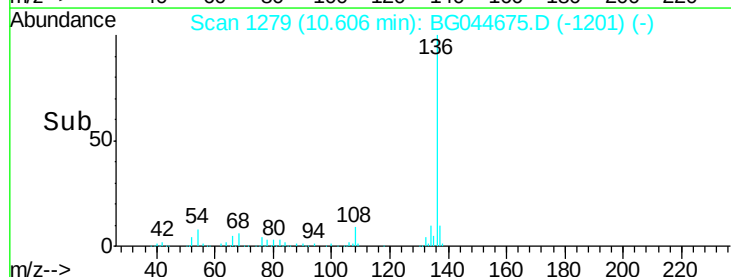
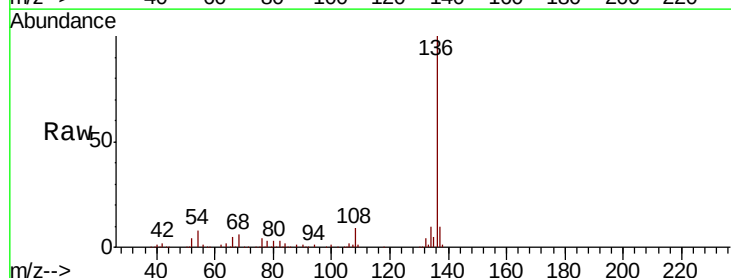
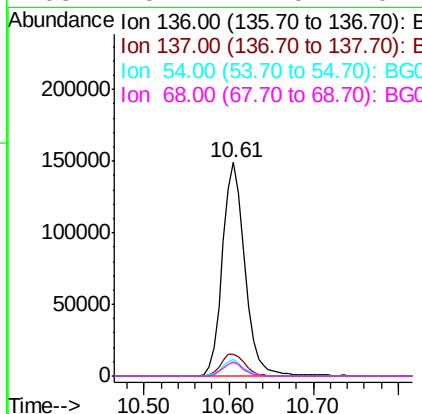
RT: 10.61 min Scan# 1279

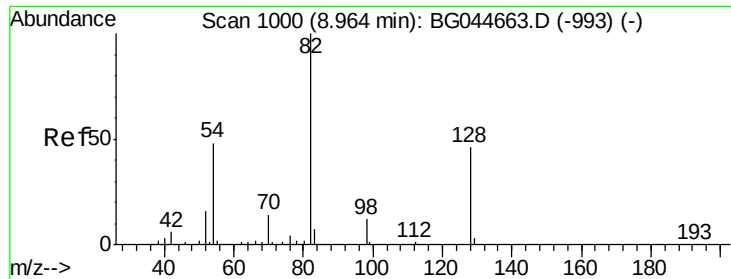
Delta R.T. -0.07 min

Lab File: BG044675.D

Acq: 3 Mar 2020 23:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		273503		
137	10.5	8.8	13.2		
54	7.7	5.7	8.5		
68	6.4	4.5	6.7		





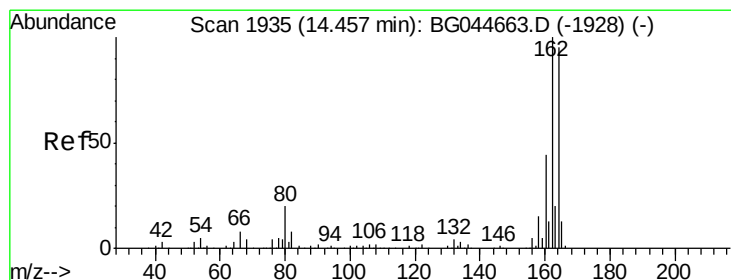
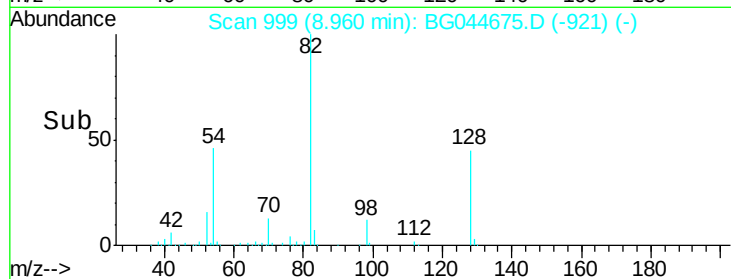
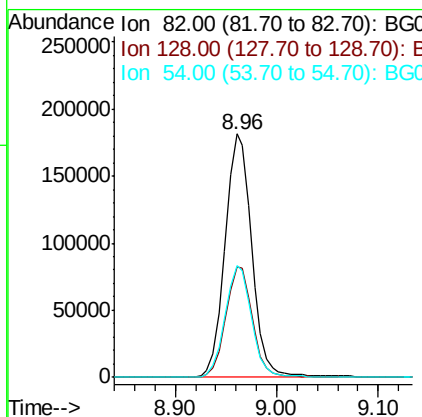
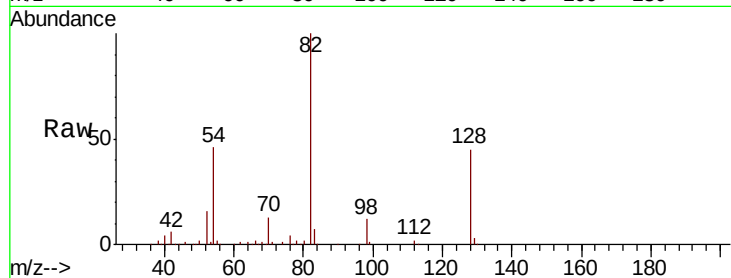
#23
 Nitrobenzene-d5
 Concen: 62.632 ng
 RT: 8.96 min Scan# 999
 Delta R.T. -0.07 min
 Lab File: BG044675.D
 Acq: 3 Mar 2020 23:30

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-030220

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.5	38.1	57.1	
54	46.1	37.5	56.3	

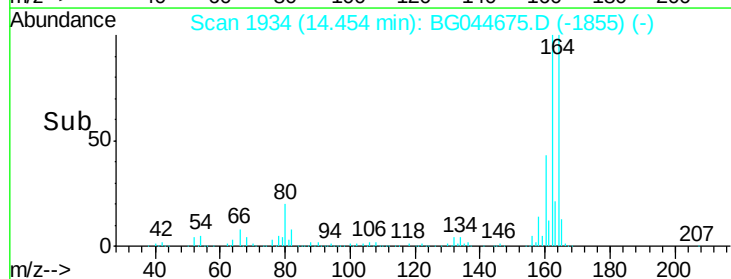
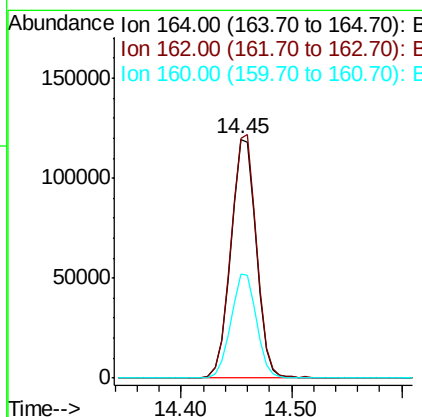
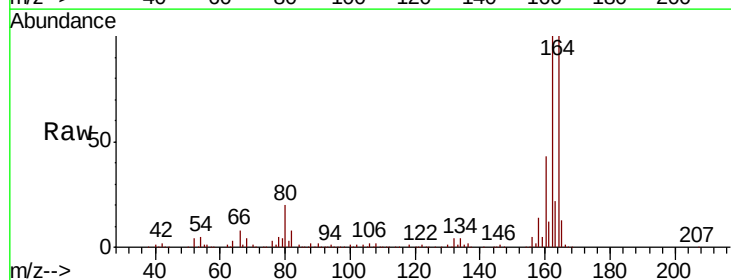
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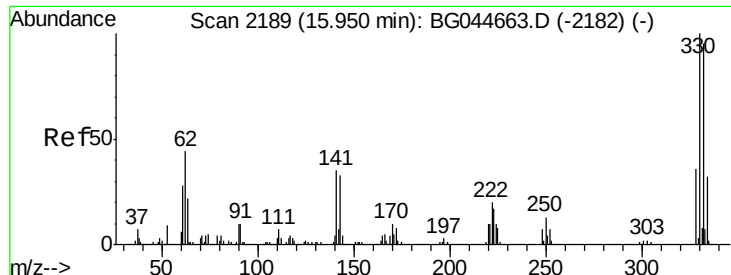
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.06 min
 Lab File: BG044675.D
 Acq: 3 Mar 2020 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.4	83.6	125.4	
160	43.4	36.2	54.4	





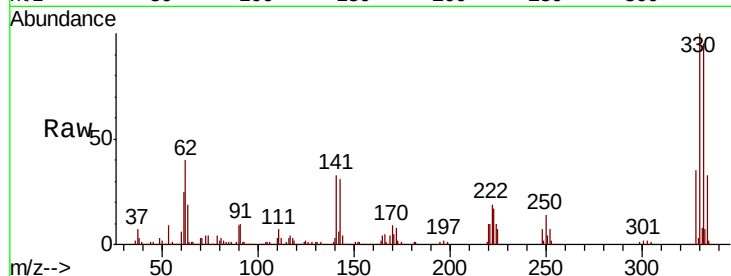
#42
 2,4,6-Tribromophenol
 Concen: 91.621 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.06 min
 Lab File: BG044675.D
 Acq: 3 Mar 2020 23:30

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-030220

Tot Ion	Ratio	Resp	Lower	Upper
330	100	251250		
332	95.3		77.4	116.0
141	32.5		26.1	39.1

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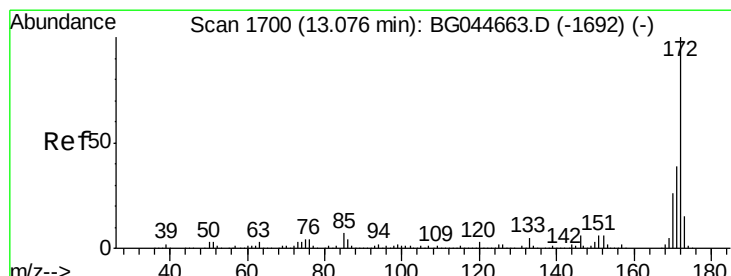
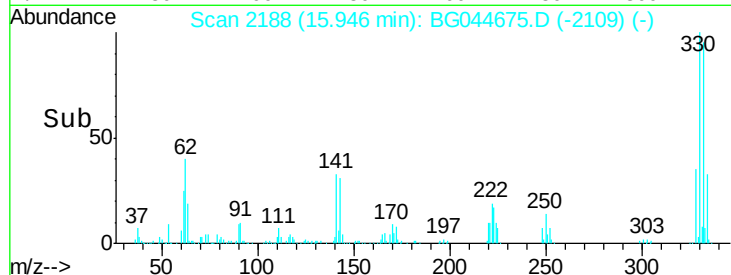
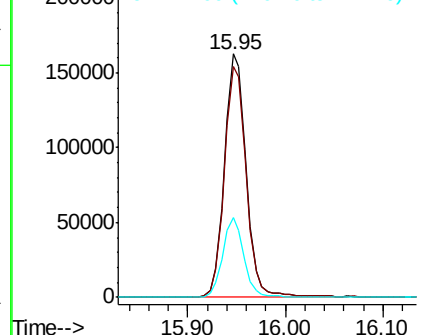


Abundance

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: 62.437 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.06 min
 Lab File: BG044675.D
 Acq: 3 Mar 2020 23:30

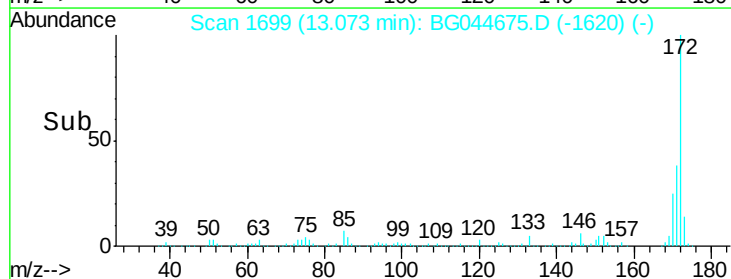
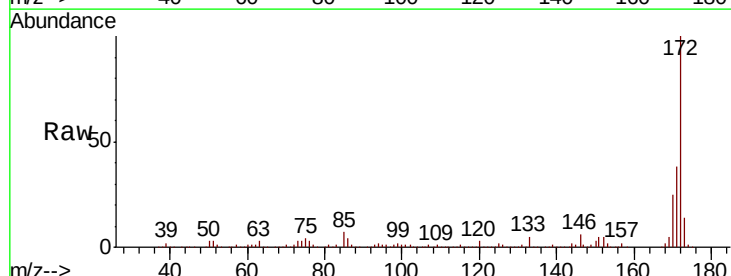
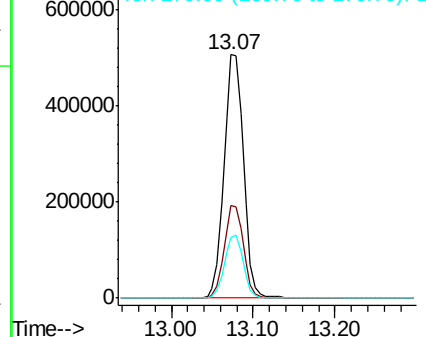
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	843266		
171	37.8		31.3	46.9
170	25.1		21.0	31.4

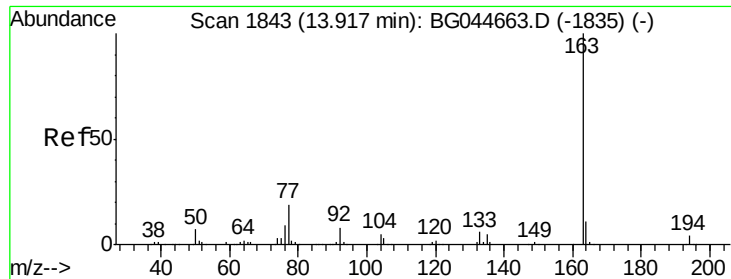
Abundance

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





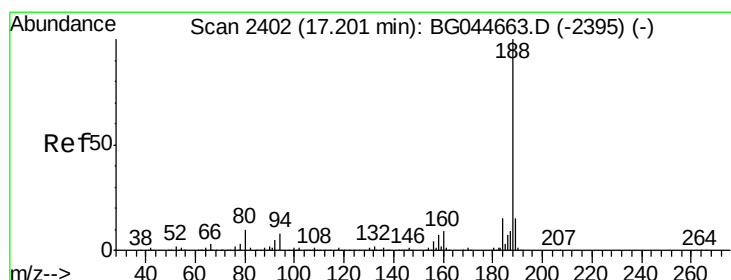
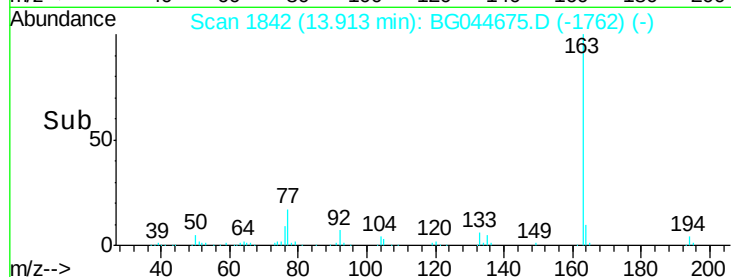
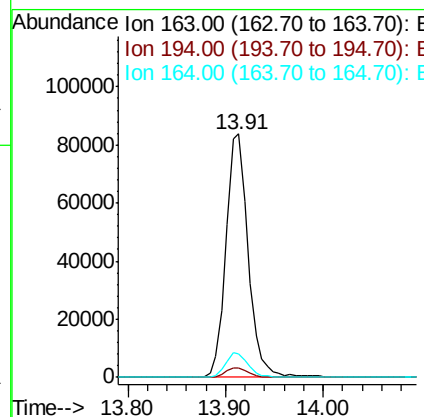
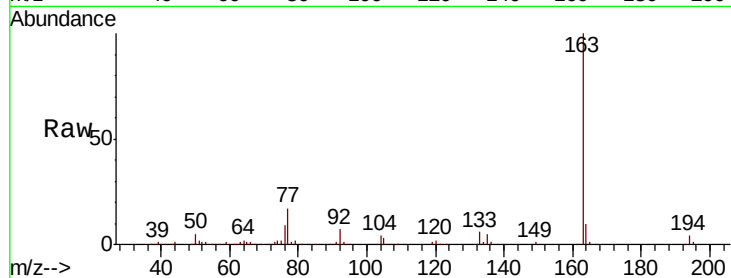
#50
Dimethylphthalate
Concen: 8.512 ng
RT: 13.91 min Scan# 1842
Delta R.T. -0.06 min
Lab File: BG044675.D
Acq: 3 Mar 2020 23:30

Instrument :
BNA_G
ClientSampleId :
TR-05-030220

Tot Ion	Ratio	Resp	Lower	Upper
163	100	132880		
194	4.0		3.4	5.0
164	9.7		8.7	13.1

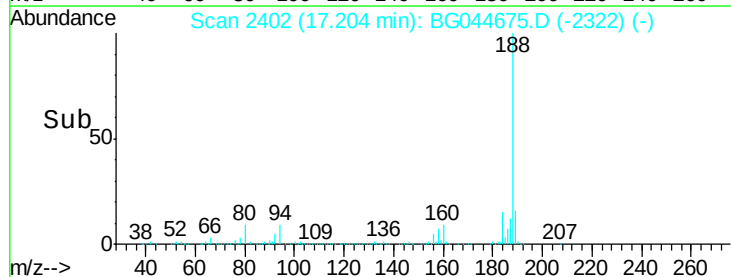
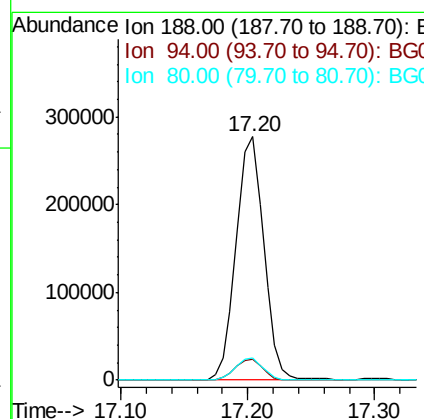
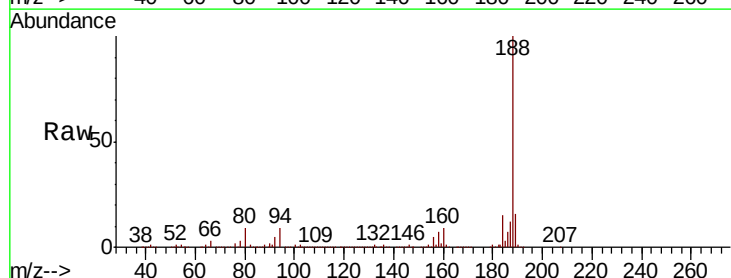
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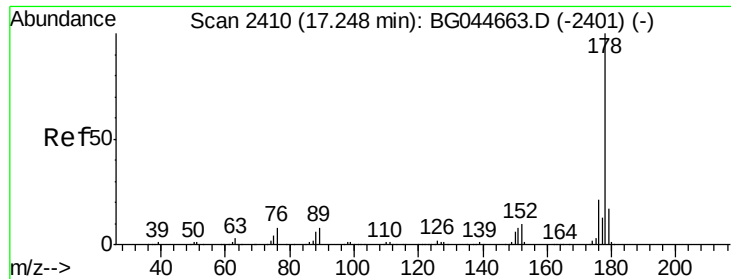
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2402
Delta R.T. -0.06 min
Lab File: BG044675.D
Acq: 3 Mar 2020 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	420190		
94	8.7		6.7	10.1
80	9.1		7.6	11.4





#71

Phenanthrene

Concen: 3.287 ng

RT: 17.24 min Scan# 2409

Delta R.T. -0.06 min

Lab File: BG044675.D

Acq: 3 Mar 2020 23:30

Instrument :

BNA_G

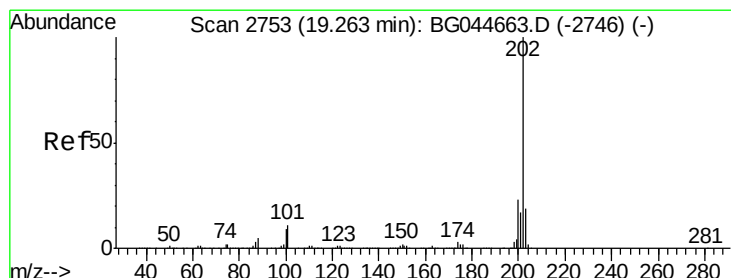
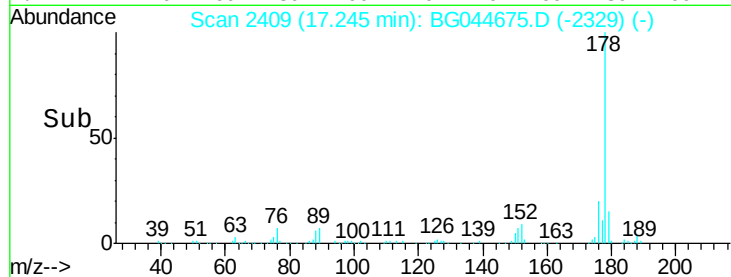
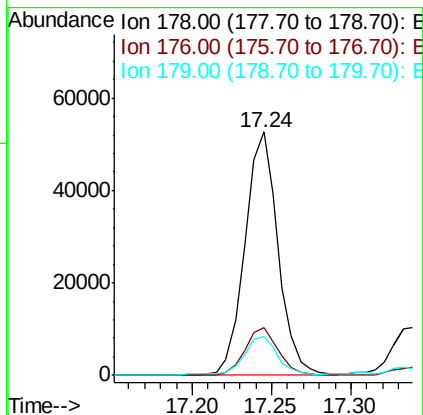
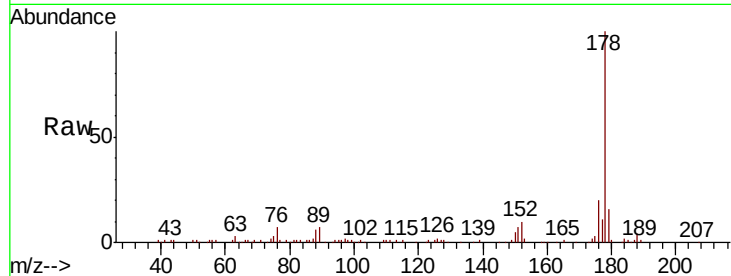
ClientSampleId :

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Tot Ion:	178	Resp:	76465
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.6	25.0
179	15.7	13.3	19.9

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#75

Fluoranthene

Concen: 5.918 ng

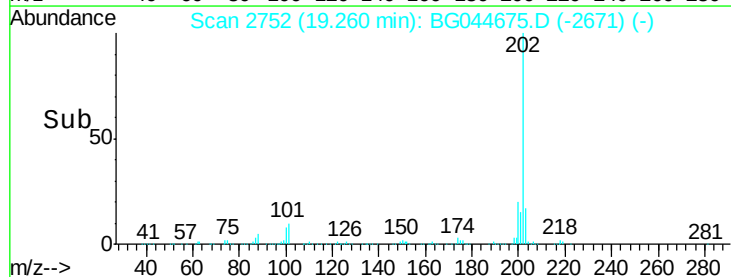
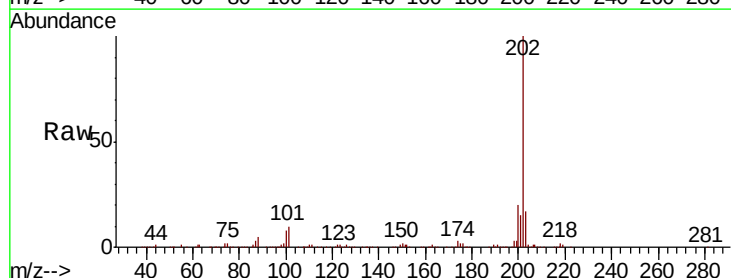
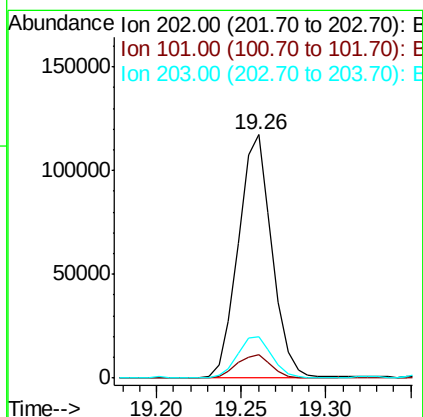
RT: 19.26 min Scan# 2752

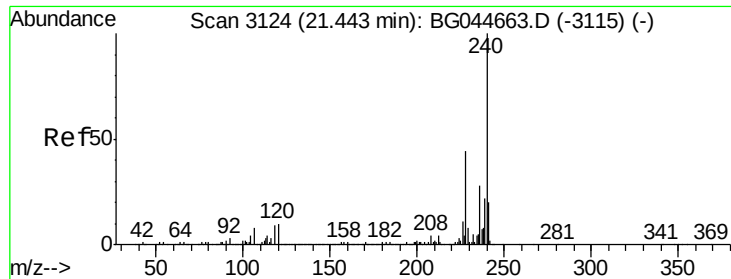
Delta R.T. -0.05 min

Lab File: BG044675.D

Acq: 3 Mar 2020 23:30

Tgt Ion:	202	Resp:	162963
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	31.0
203	16.9	0.0	39.2





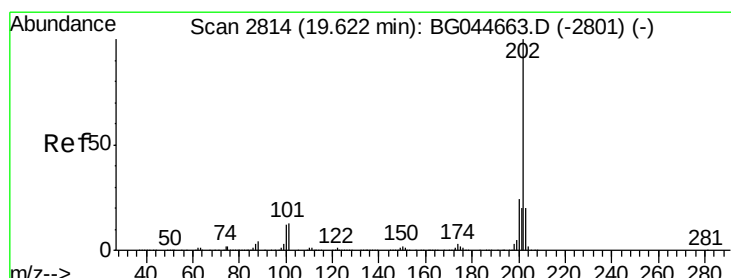
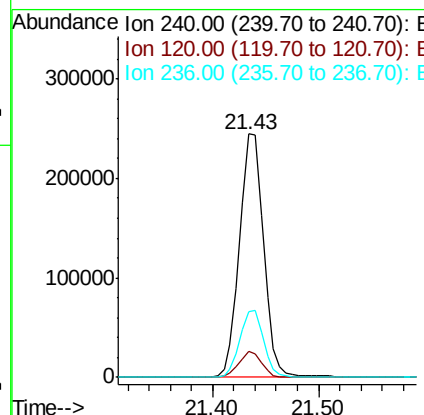
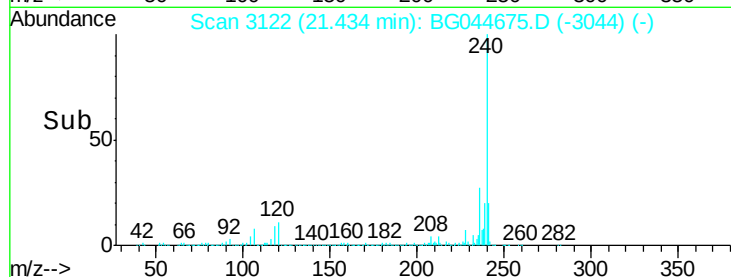
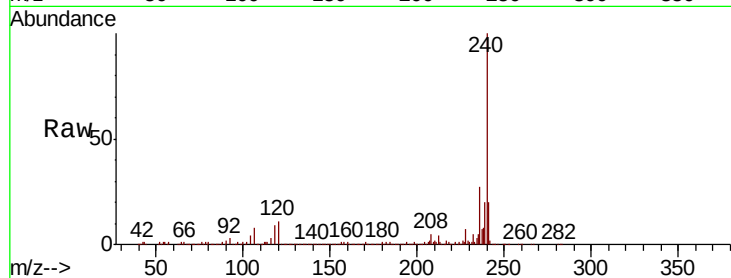
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.07 min
Lab File: BG044675.D
Acq: 3 Mar 2020 23:30

Instrument :
BNA_G
ClientSampleId :
TR-05-030220

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.3	12.5
236	26.9	22.3	33.5

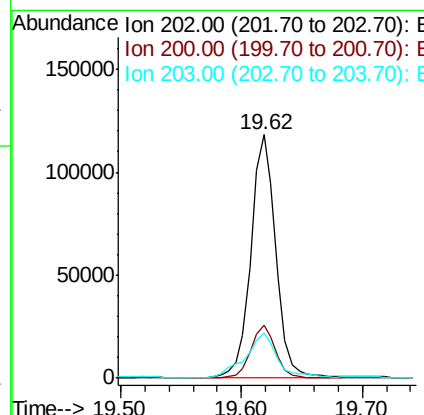
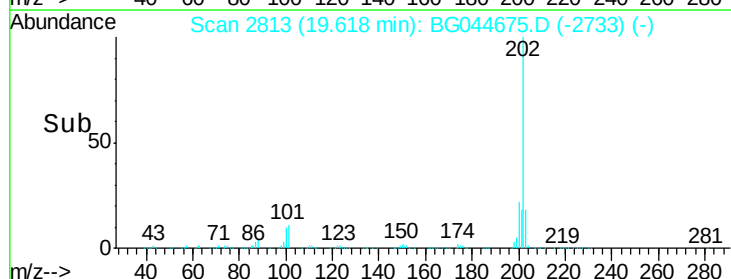
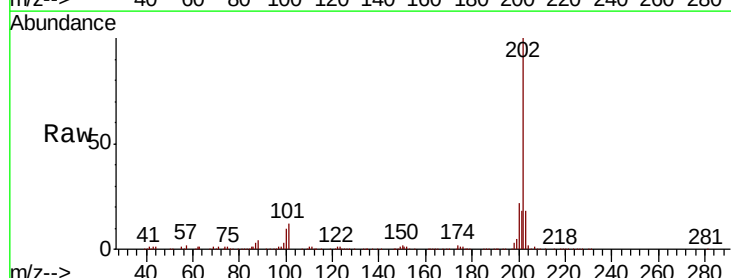
Manual Integrations
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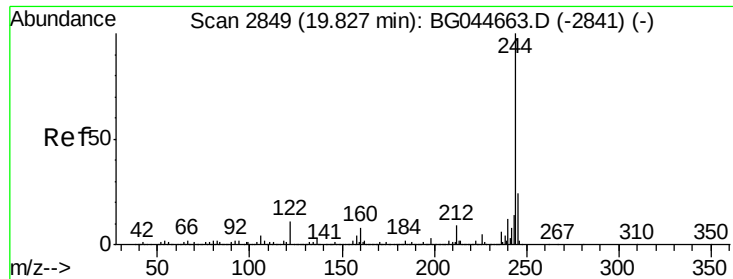
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#78
Pyrene
Concen: 6.031 ng
RT: 19.62 min Scan# 2813
Delta R.T. -0.06 min
Lab File: BG044675.D
Acq: 3 Mar 2020 23:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.6	28.0
203	18.4	15.3	22.9





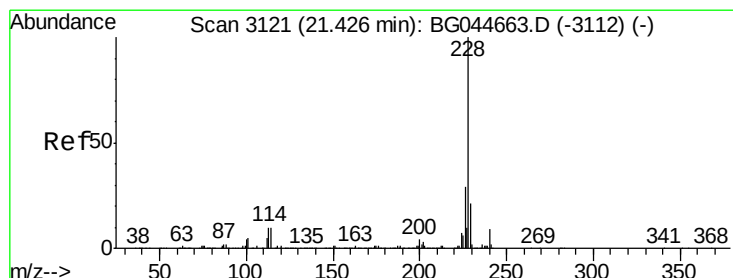
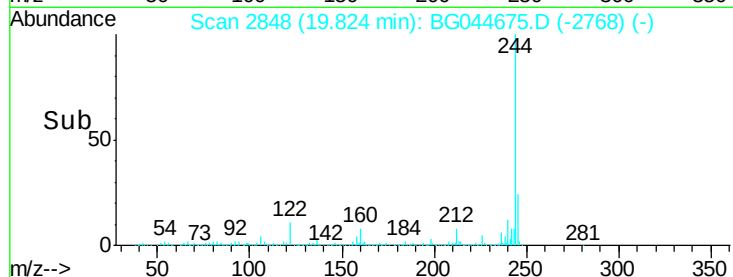
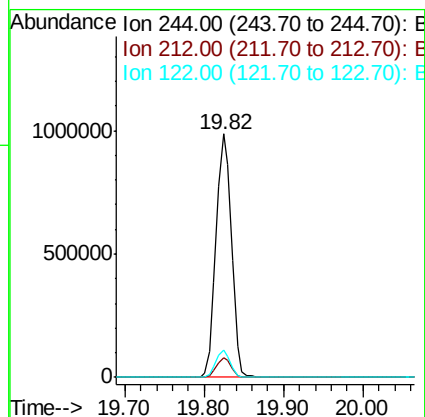
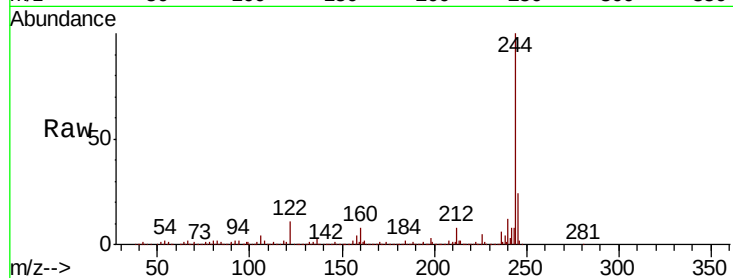
#79
 Terphenyl-d14
 Concen: 65.792 ng
 RT: 19.82 min Scan# 2848
 Delta R.T. -0.06 min
 Lab File: BG044675.D
 Acq: 3 Mar 2020 23:30

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-030220

Tot Ion:244 Resp: 1344273
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 11.2 8.2 12.4

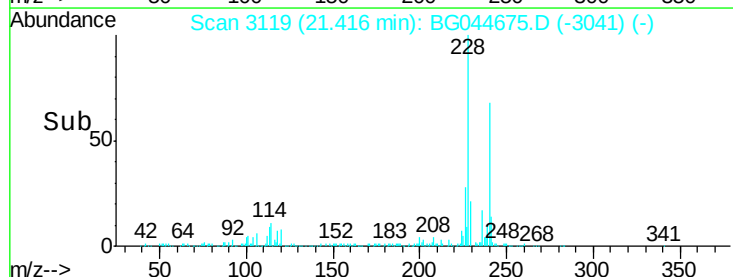
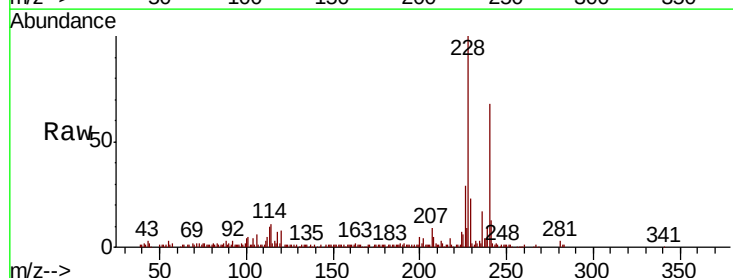
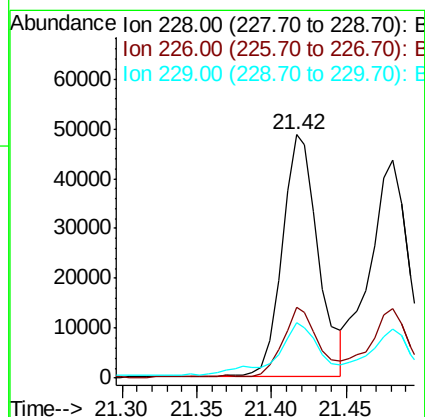
Manual Integrations
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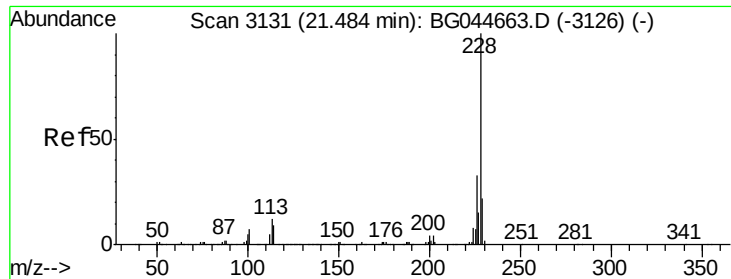
mohammad
 3/4/2020 2:47:57 PM



#81
 Benzo(a)anthracene
 Concen: 3.015 ng
 RT: 21.42 min Scan# 3119
 Delta R.T. -0.07 min
 Lab File: BG044675.D
 Acq: 3 Mar 2020 23:30

Tgt Ion:228 Resp: 81952
 Ion Ratio Lower Upper
 228 100
 226 29.0 23.8 35.8
 229 22.9 17.2 25.8





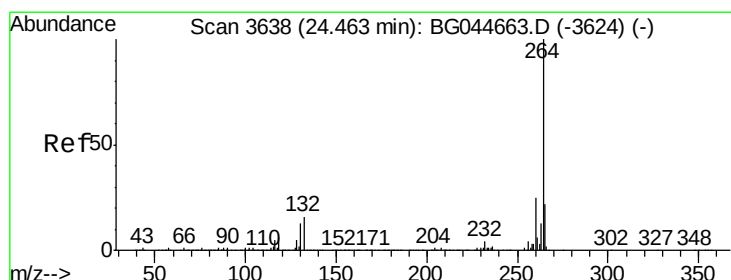
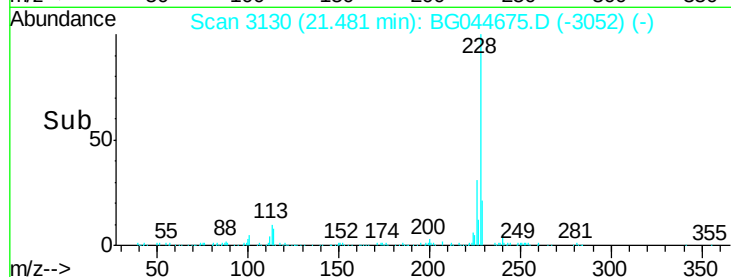
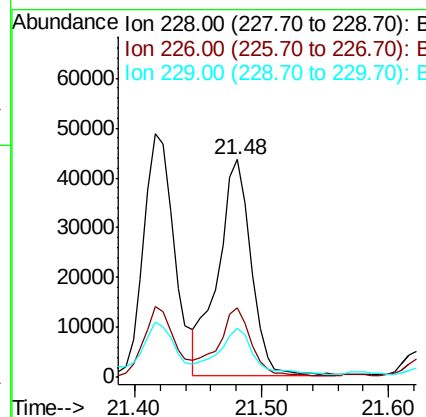
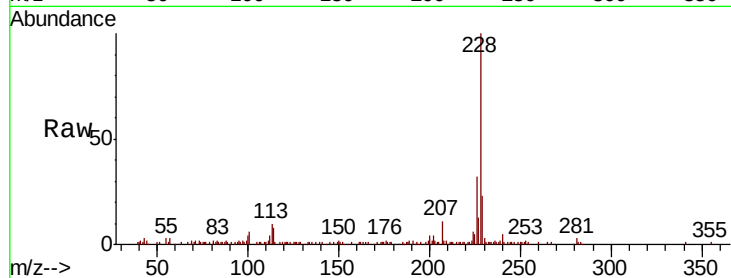
#83
Chrysene
Concen: 3.008 ng
RT: 21.48 min Scan# 3130
Delta R.T. -0.07 min
Lab File: BG044675.D
Acq: 3 Mar 2020 23:30

Instrument :
BNA_G
ClientSampleId :
TR-05-030220

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	26.1	39.1
229	22.6	17.2	25.8

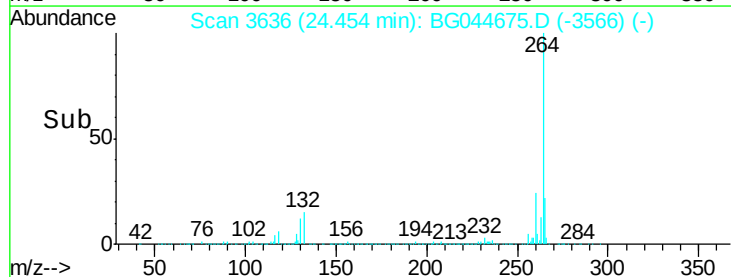
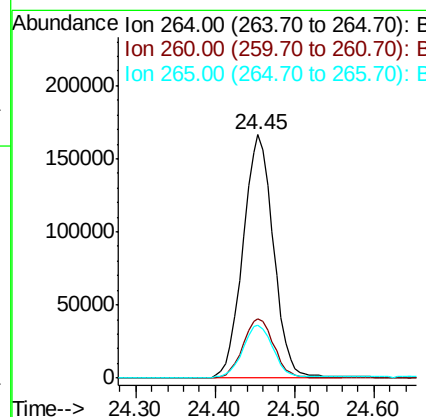
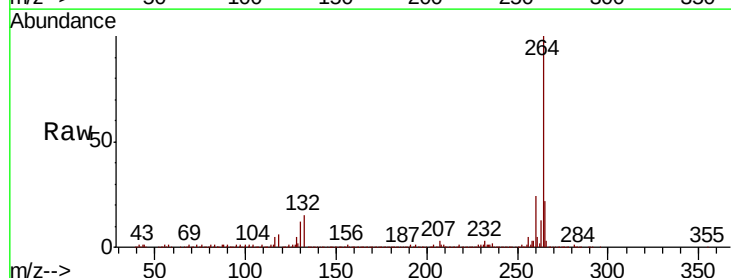
Manual Integrations
APPROVED

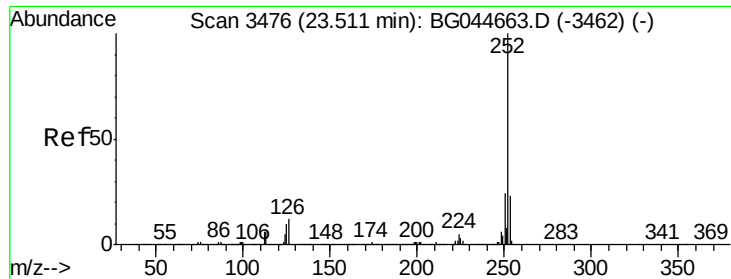
mohammad
3/4/2020 2:47:57 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.45 min Scan# 3636
Delta R.T. -0.12 min
Lab File: BG044675.D
Acq: 3 Mar 2020 23:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	21.7	17.8	26.8





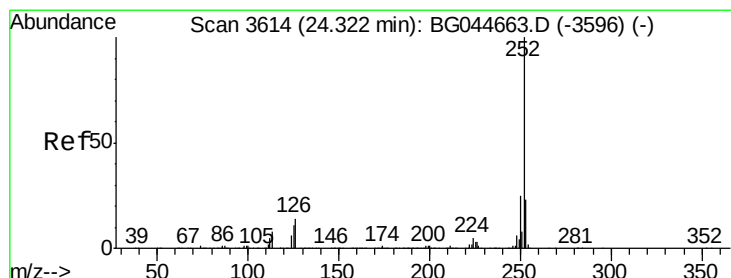
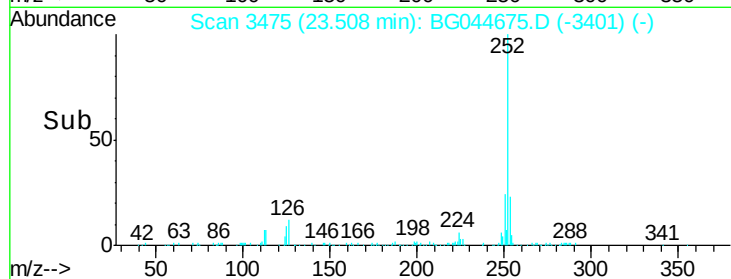
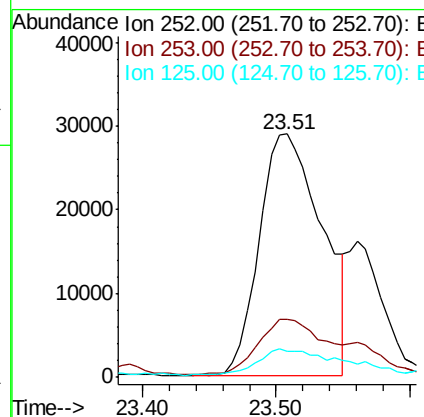
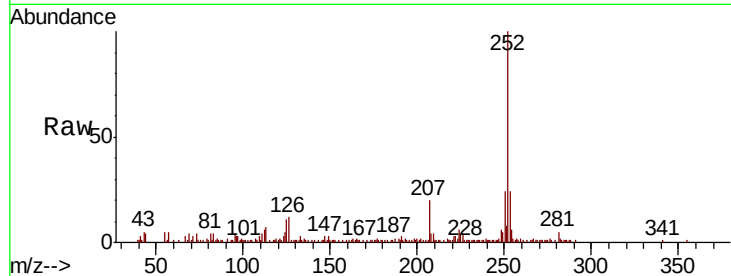
#88
Benzo(b)fluoranthene
Concen: 3.241 ng
RT: 23.51 min Scan# 3475
Delta R.T. -0.09 min
Lab File: BG044675.D
Acq: 3 Mar 2020 23:30

Instrument :
BNA_G
ClientSampleId :
TR-05-030220

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	10.5	7.9	11.9

Manual Integrations
APPROVED

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3/4/2020 2:47:57 PM



#90
Benzo(a)pyrene
Concen: 2.642 ng
RT: 24.31 min Scan# 3612
Delta R.T. -0.12 min
Lab File: BG044675.D
Acq: 3 Mar 2020 23:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.0	28.4
125	11.7	8.5	12.7

