

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040820\
 Data File : BG044976.D
 Acq On : 8 Apr 2020 14:38
 Operator : CG/JU
 Sample : L2129-41DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3DL

Manual Integrations
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mohammad
 4/10/2020 7:56:03 AM

Quant Time: Apr 08 15:28:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 13:01:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	94304	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	392475	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	274059	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	586571	20.00	ng	0.00
76) Chrysene-d12	21.69	240	492399	20.00	ng	0.00
87) Perylene-d12	24.89	264	531120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	187988	31.03	ng	0.00
7) Phenol-d6	7.19	99	283698	32.23	ng	-0.01
23) Nitrobenzene-d5	9.19	82	184176	20.59	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	129694	36.14	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	450945	23.56	ng	0.00
79) Terphenyl-d14	20.02	244	593288	22.54	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	46989	2.153	ng	98
71) Phenanthrene	17.46	178	587367	18.739	ng	98
72) Anthracene	17.54	178	64083	2.073	ng	98
75) Fluoranthene	19.47	202	1098028	29.420	ng	99
78) Pyrene	19.83	202	1099267	30.429	ng	99
81) Benzo(a)anthracene	21.66	228	449975	12.691	ng	97
83) Chrysene	21.73	228	512694	15.138	ng	97
86) Indeno(1,2,3-cd)pyrene	28.52	276	333869	7.519	ng	# 97
88) Benzo(b)fluoranthene	23.88	252	630160	17.972	ng	99
89) Benzo(k)fluoranthene	23.94	252	200792m	6.051	ng	
90) Benzo(a)pyrene	24.74	252	452445	13.790	ng	95
91) Dibenzo(a,h)anthracene	28.59	278	95691m	2.956	ng	
92) Benzo(a,h,i)perylene	29.65	276	323719	9.899	ng	# 91

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

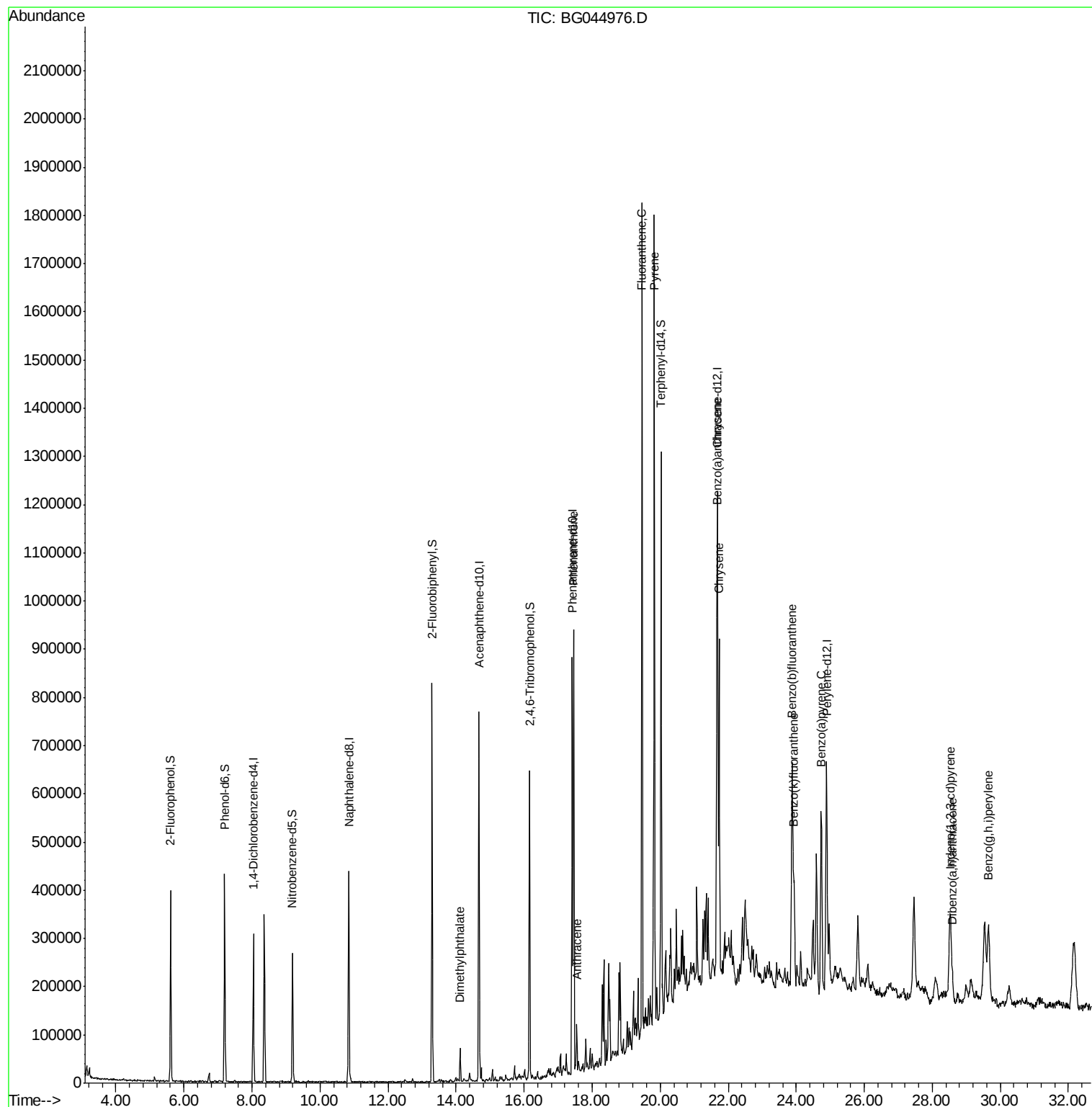
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040820\
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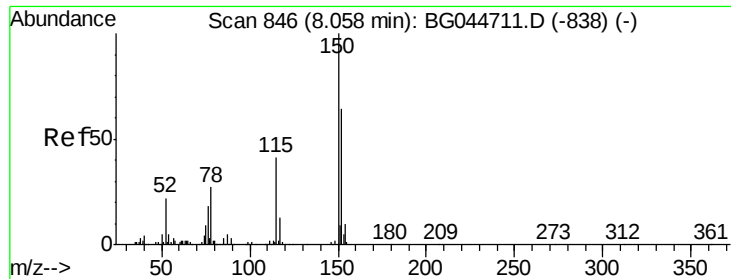
Instrument :
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ClientSampleId :
TP-3DL

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Quant Time: Apr 08 15:28:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

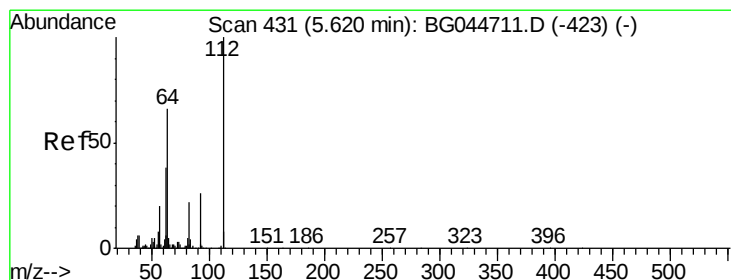
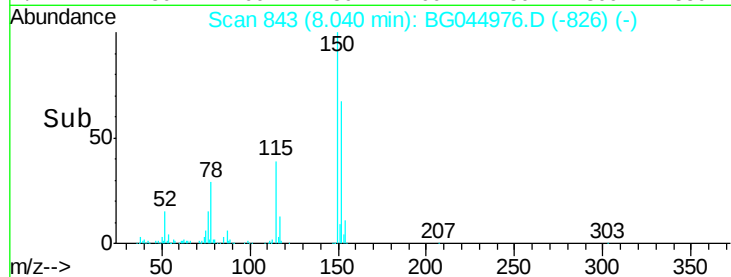
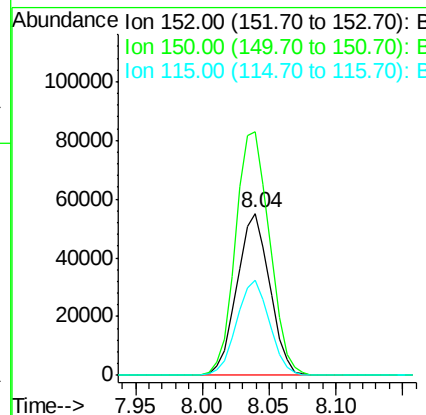
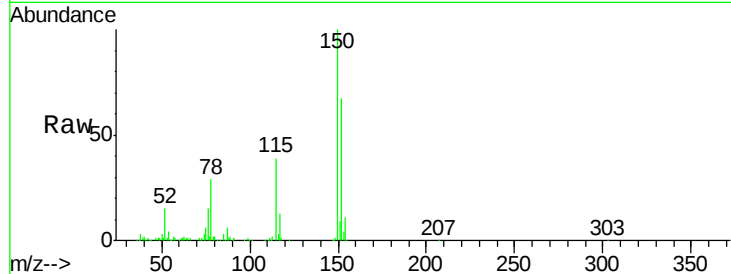
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG044976.D
Acq: 8 Apr 2020 14:38

Instrument :
BNA_G
ClientSampleId :
TP-3DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	128.8	193.2
115	58.3	52.6	79.0

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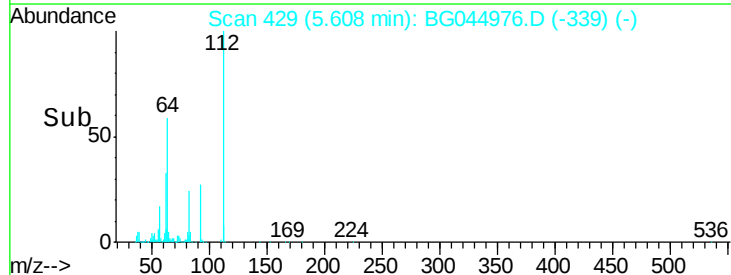
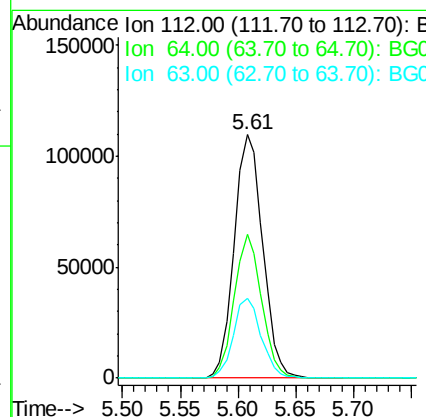
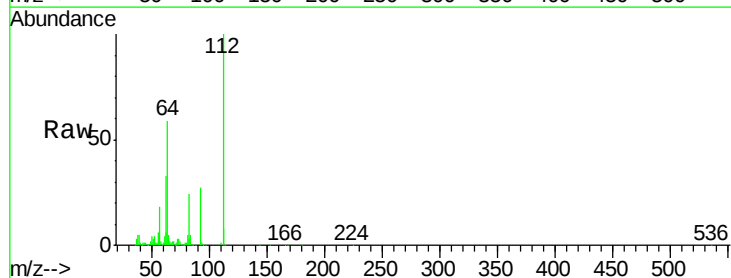
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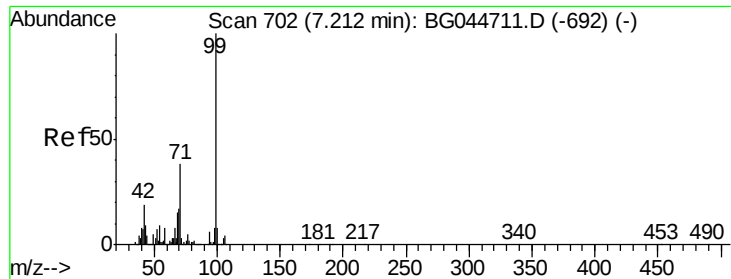


#5

2-Fluorophenol
Concen: 31.032 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG044976.D
Acq: 8 Apr 2020 14:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	53.4	80.2
63	32.9	29.4	44.2





#7

Phenol-d6

Concen: 32.232 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG044976.D

Acq: 8 Apr 2020 14:38

Instrument :

BNA_G

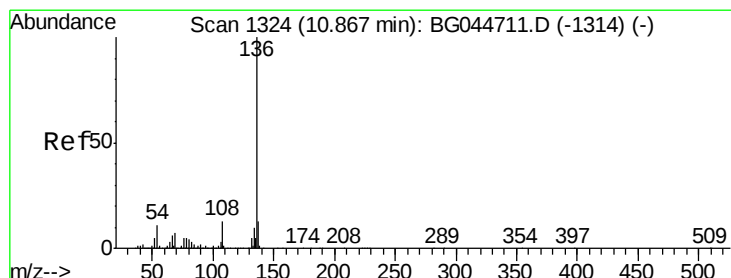
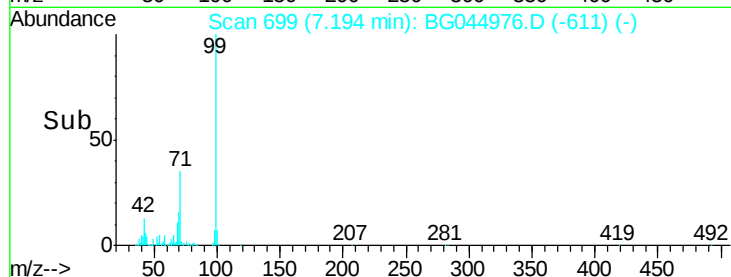
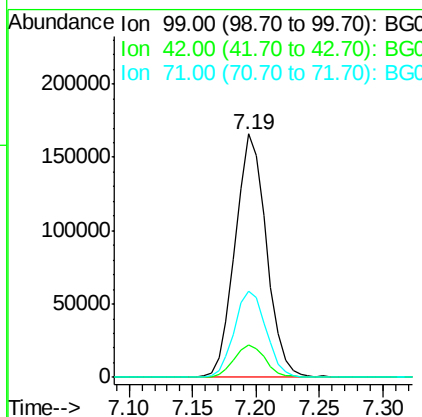
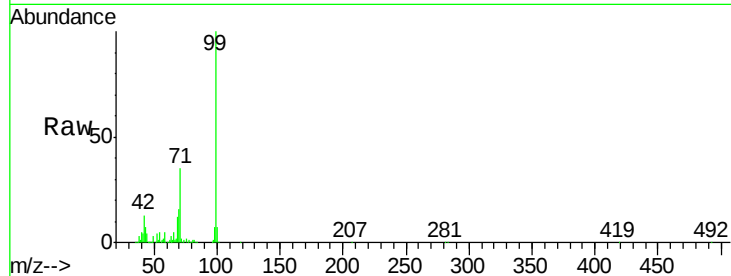
ClientSampled :

TP-3DL

Tot Ion:	99	Resp:	283698
Ion Ratio	Lower	Upper	
99	100		
42	13.5	12.6	19.0
71	35.3	29.0	43.4

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#21

Naphthalene-d8

Concen: 20.000 ng

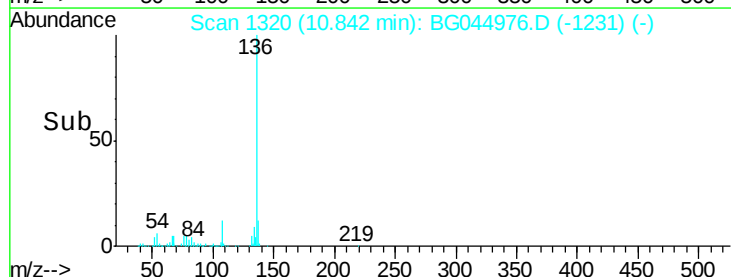
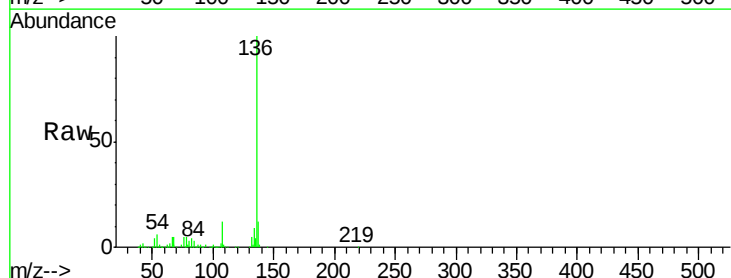
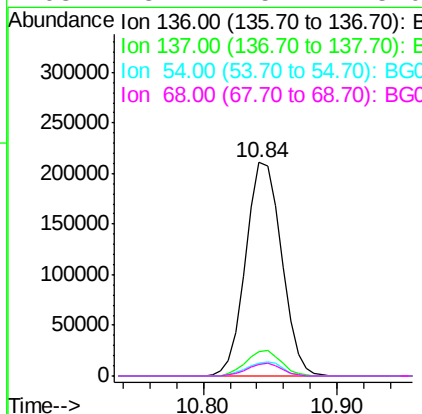
RT: 10.84 min Scan# 1320

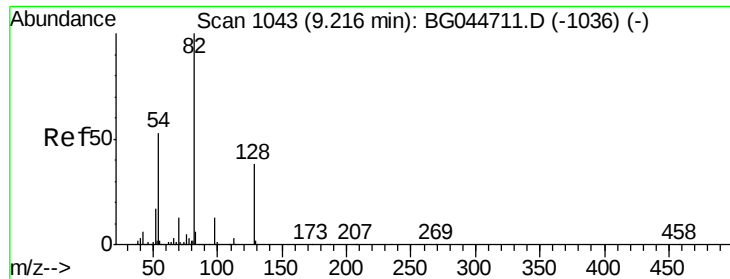
Delta R.T. -0.01 min

Lab File: BG044976.D

Acq: 8 Apr 2020 14:38

Tgt Ion:	136	Resp:	392475
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.8	14.6
54	6.0	7.9	11.9
68	5.4	5.4	8.0





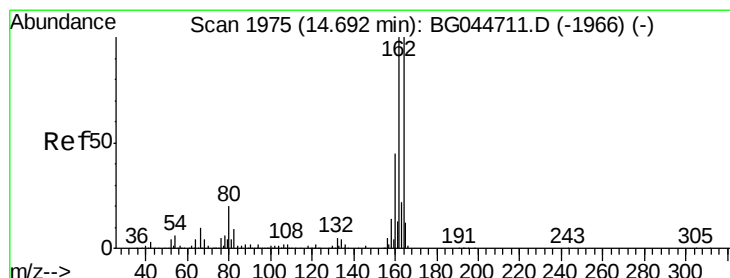
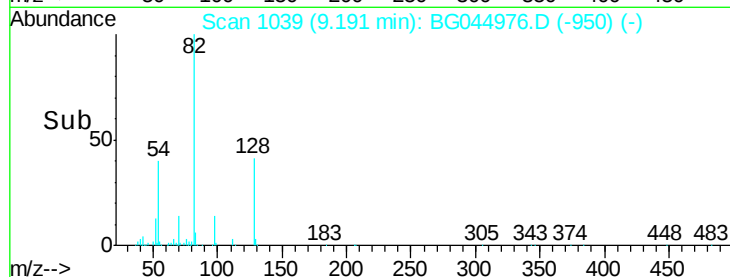
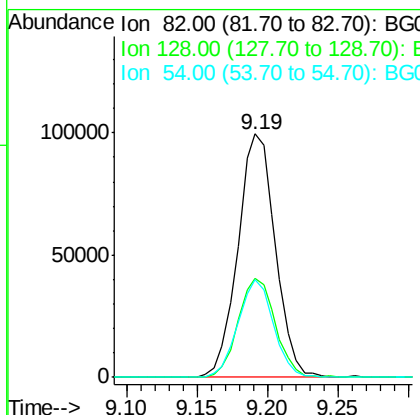
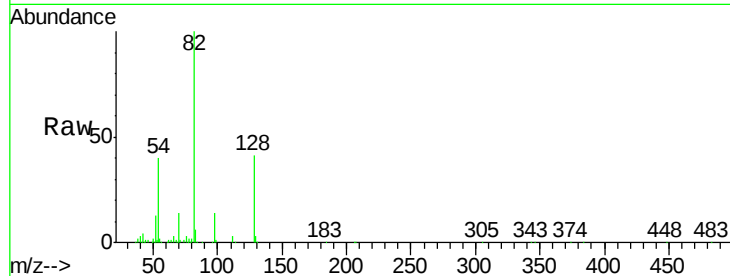
#23
Nitrobenzene-d5
Concen: 20.592 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BG044976.D
Acq: 8 Apr 2020 14:38

Instrument :
BNA_G
ClientSampled :
TP-3DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.8	30.6	46.0
54	39.9	37.1	55.7

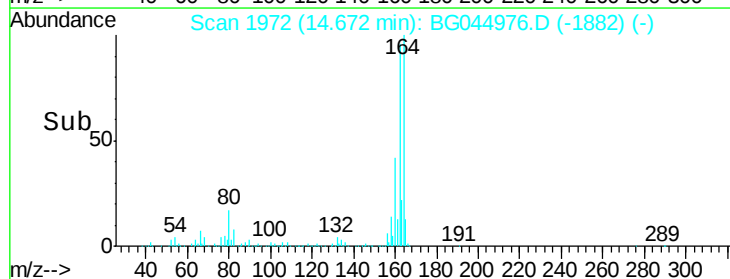
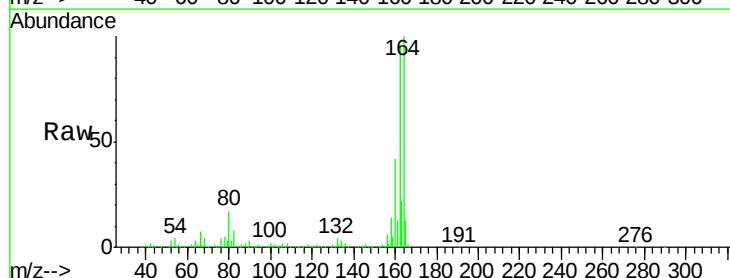
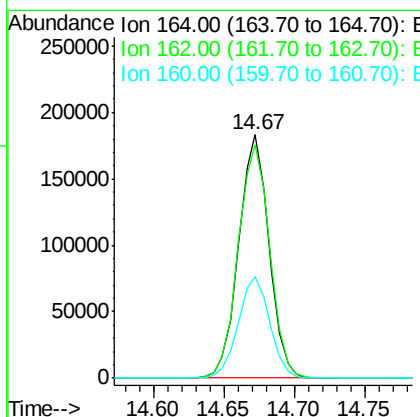
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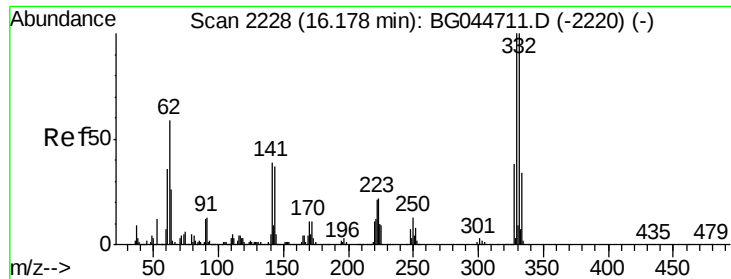
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG044976.D
Acq: 8 Apr 2020 14:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.9	76.7	115.1
160	41.7	35.0	52.4





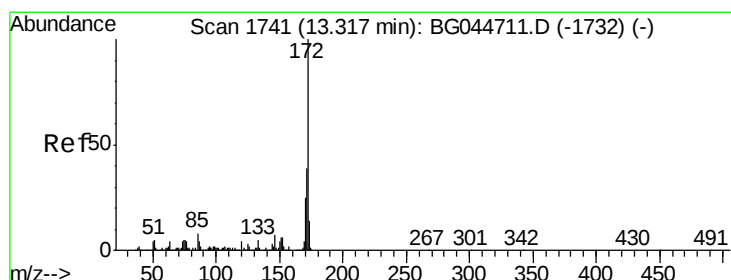
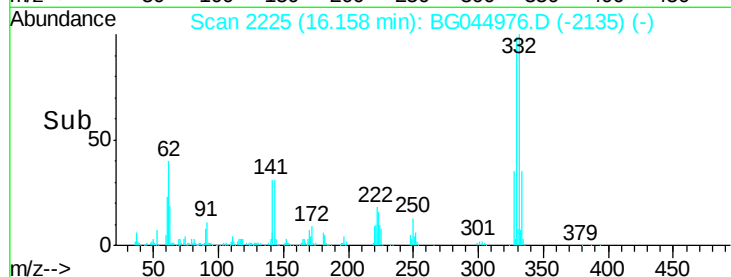
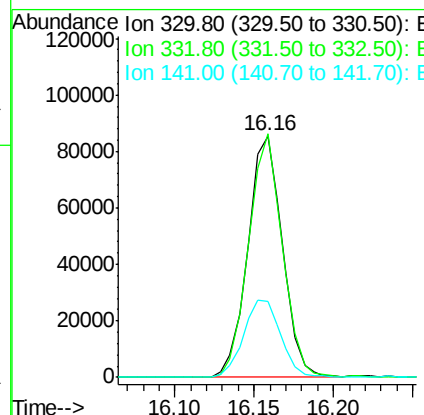
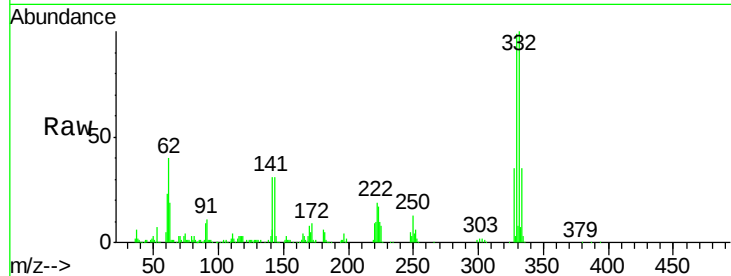
#42
 2,4,6-Tribromophenol
 Concen: 36.143 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG044976.D
 Acq: 8 Apr 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-3DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.8	116.6
141	34.4	29.5	44.3

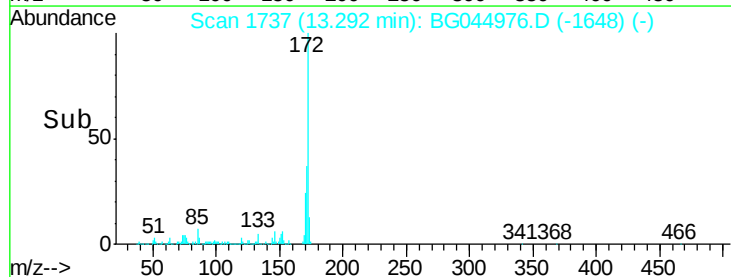
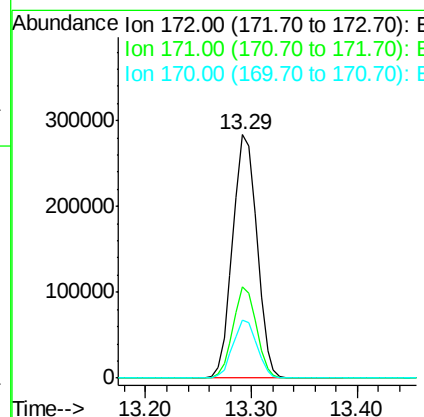
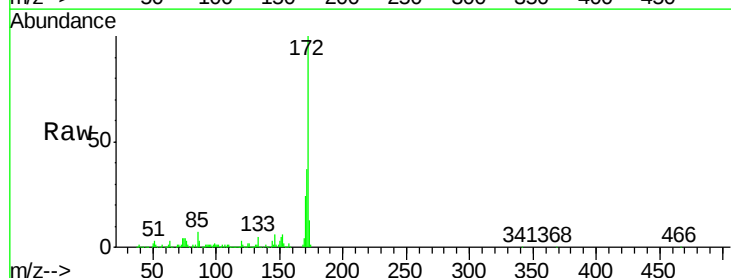
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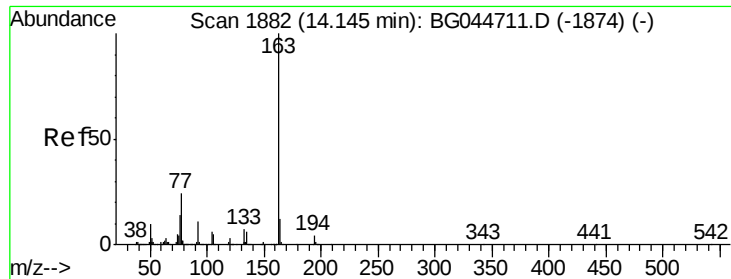
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#45
 2-Fluorobiphenyl
 Concen: 23.563 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG044976.D
 Acq: 8 Apr 2020 14:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.7	43.1
170	23.9	19.0	28.6





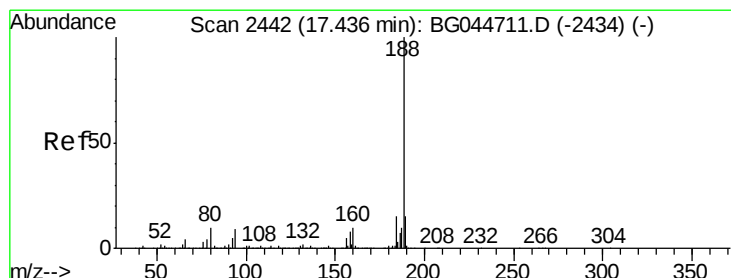
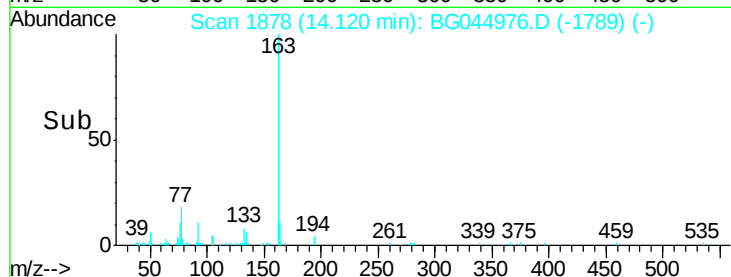
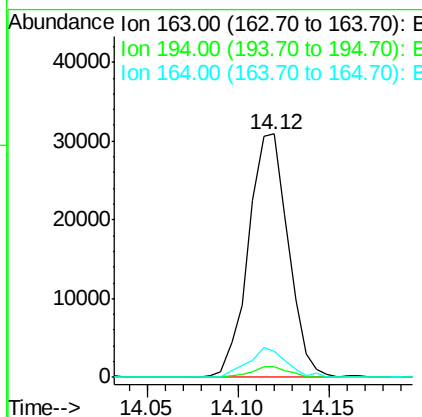
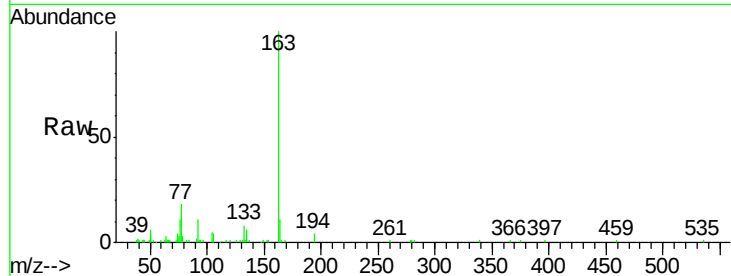
#50
Dimethylphthalate
Concen: 2.153 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044976.D
Acq: 8 Apr 2020 14:38

Instrument :
BNA_G
ClientSampleId :
TP-3DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	10.5	9.1	13.7

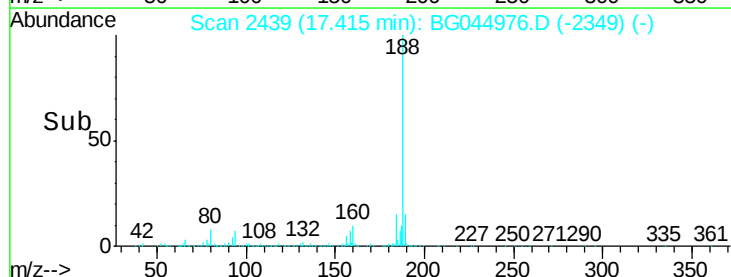
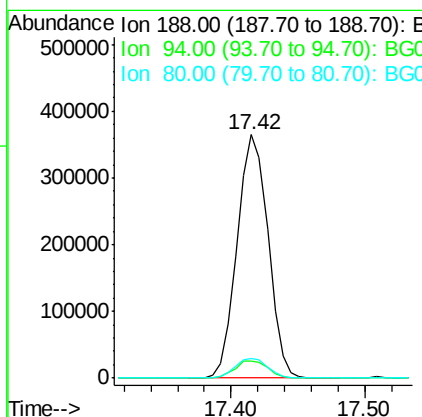
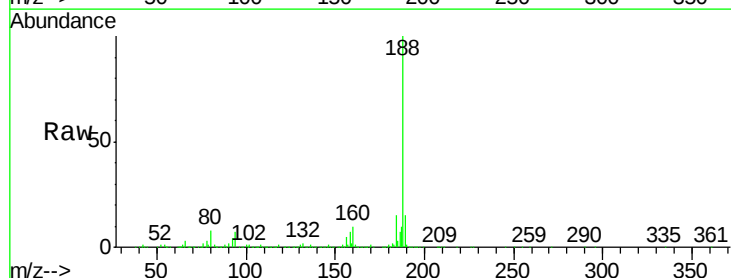
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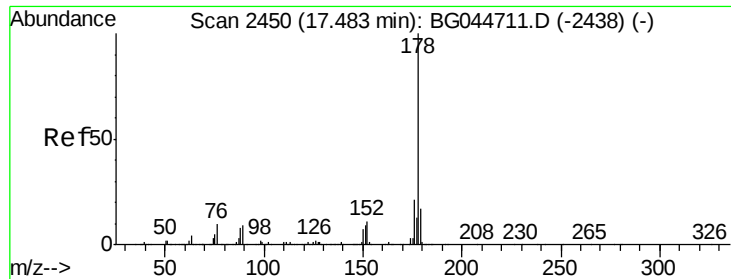
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG044976.D
Acq: 8 Apr 2020 14:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.3	10.9#
80	8.2	8.0	12.0





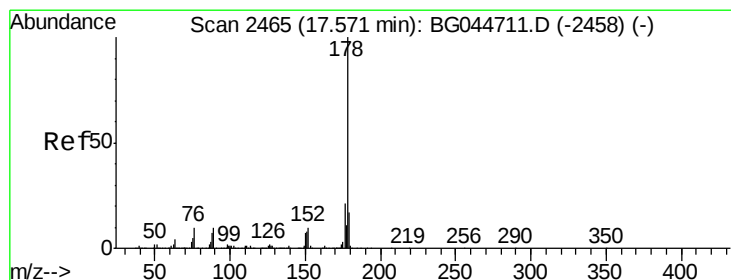
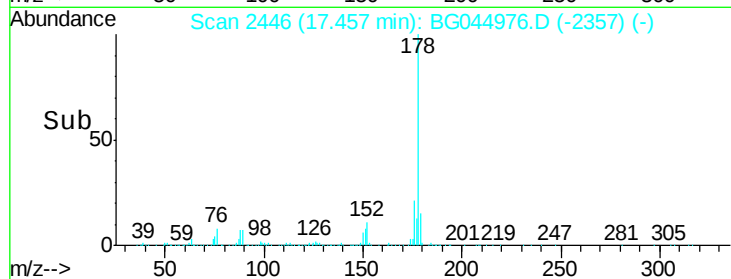
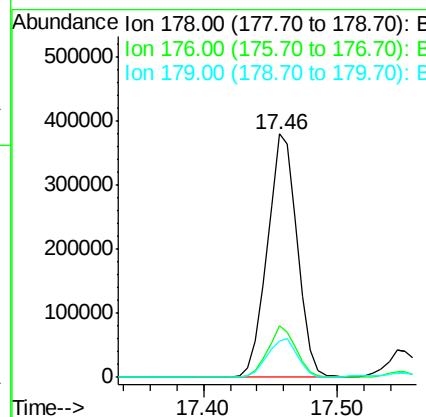
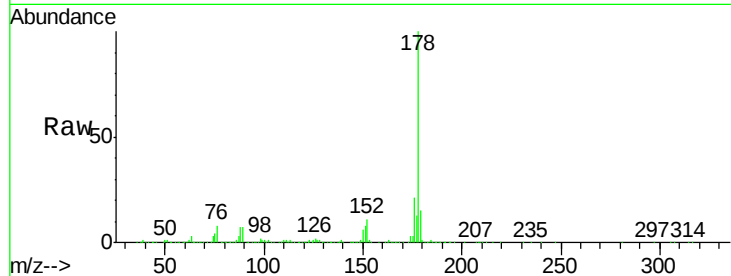
#71
Phenanthrene
Concen: 18.739 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG044976.D
Acq: 8 Apr 2020 14:38

Instrument :
BNA_G
ClientSampled :
TP-3DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.6	24.8
179	15.0	13.5	20.3

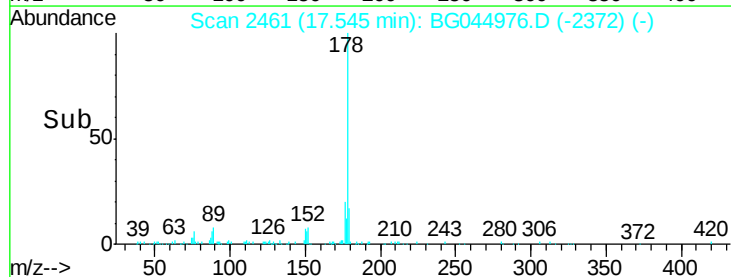
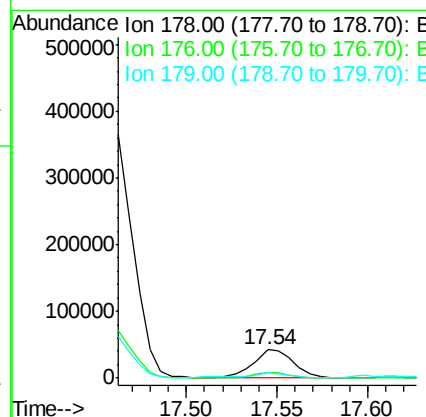
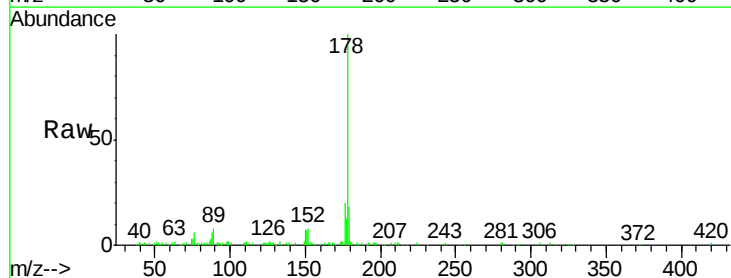
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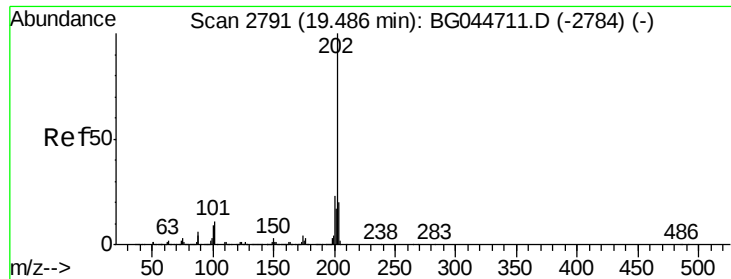
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#72
Anthracene
Concen: 2.073 ng
RT: 17.54 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG044976.D
Acq: 8 Apr 2020 14:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.9	23.9
179	17.5	13.2	19.8





#75

Fluoranthene

Concen: 29.420 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG044976.D

Acq: 8 Apr 2020 14:38

Instrument :

BNA_G

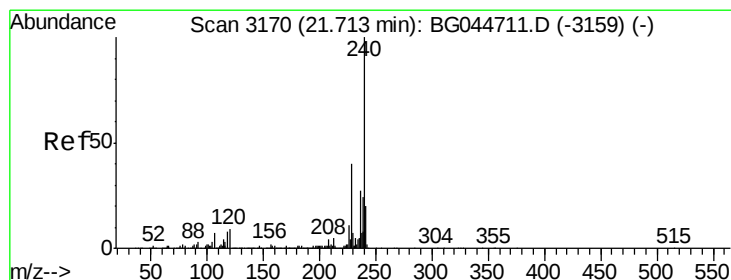
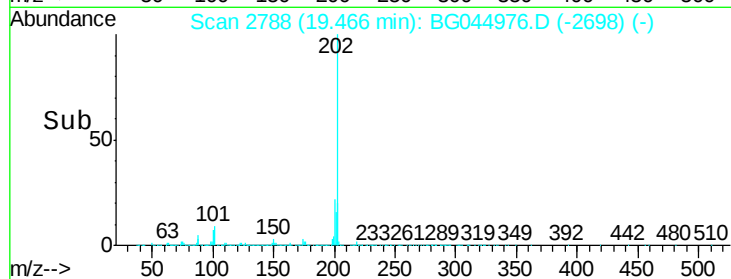
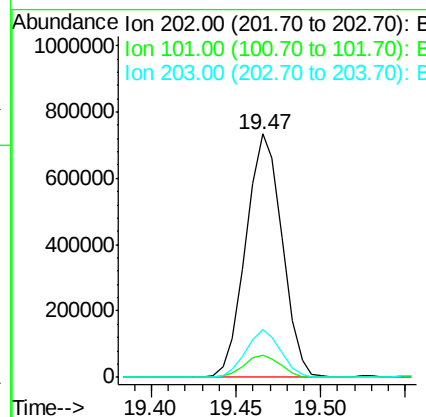
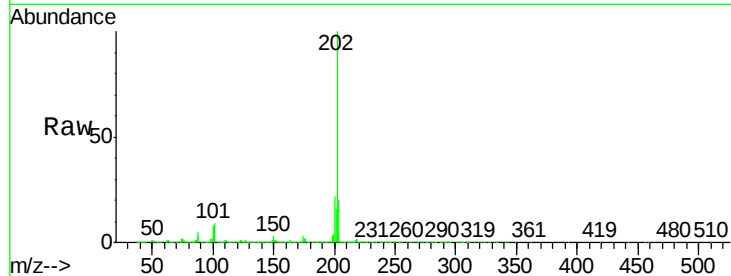
ClientSampled :

TP-3DL

Tot Ion:	202	Resp:	1098028
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	29.8
203	19.7	0.0	39.4

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#76

Chrysene-d12

Concen: 20.000 ng

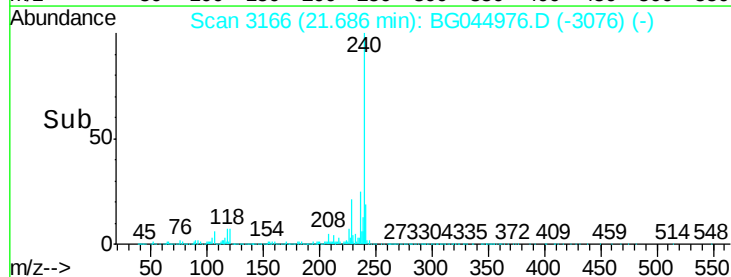
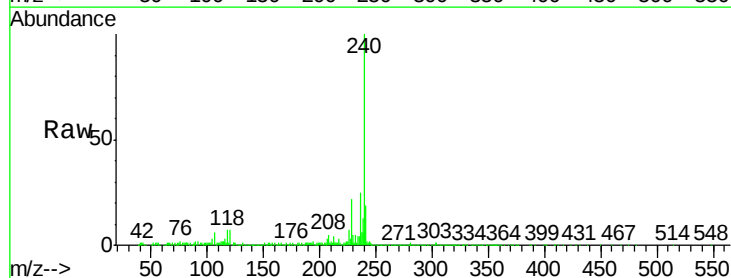
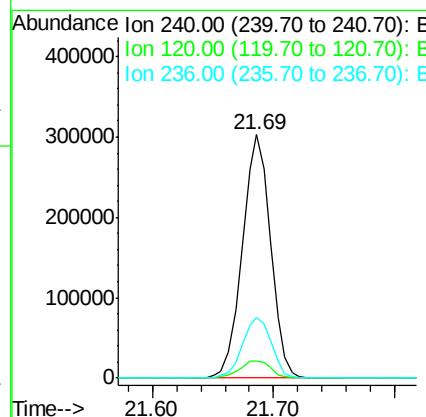
RT: 21.69 min Scan# 3166

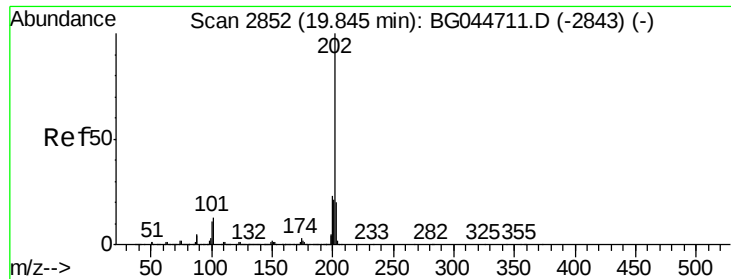
Delta R.T. -0.00 min

Lab File: BG044976.D

Acq: 8 Apr 2020 14:38

Tgt Ion:	240	Resp:	492399
Ion Ratio	Lower	Upper	
240	100		
120	7.0	6.7	10.1
236	25.0	21.5	32.3





#78

Pvrene

Concen: 30.429 ng

RT: 19.83 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG044976.D

Acq: 8 Apr 2020 14:38

Instrument :

BNA_G

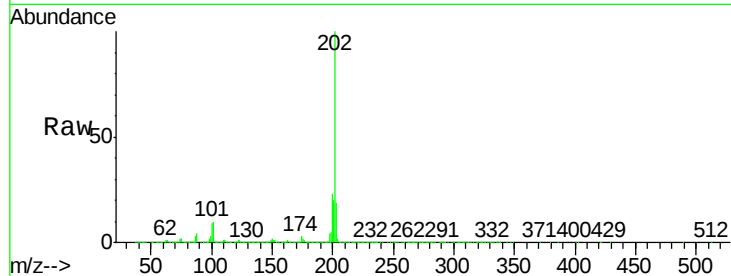
ClientSampled :

TP-3DL

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.3	18.3	27.5
203	19.0	15.6	23.4

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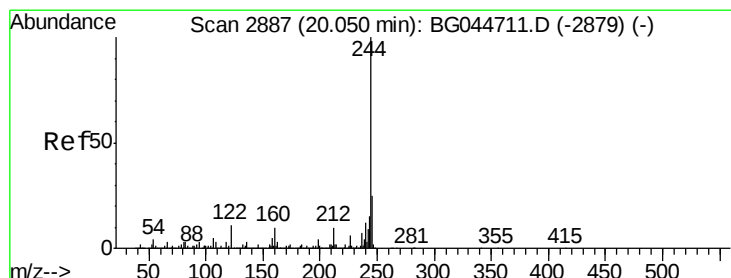
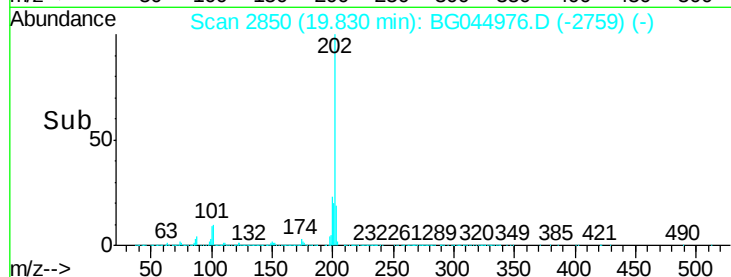
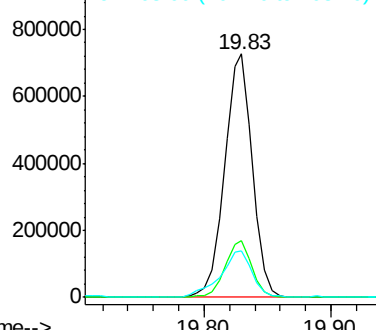


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 22.538 ng

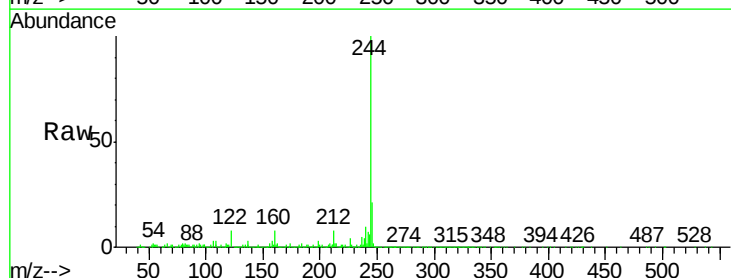
RT: 20.02 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044976.D

Acq: 8 Apr 2020 14:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.7	11.5
122	8.2	8.6	12.8#

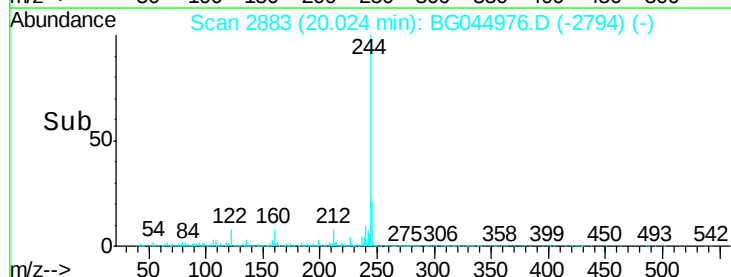
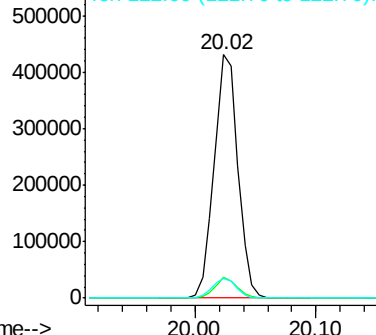


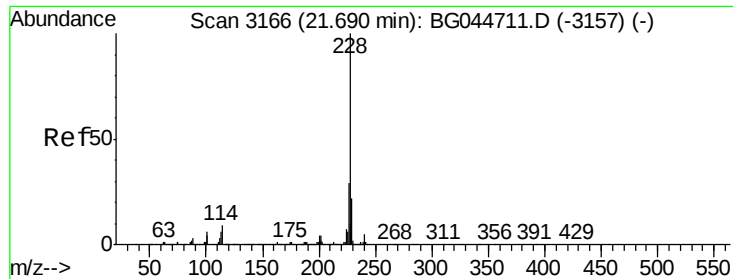
Abundance

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





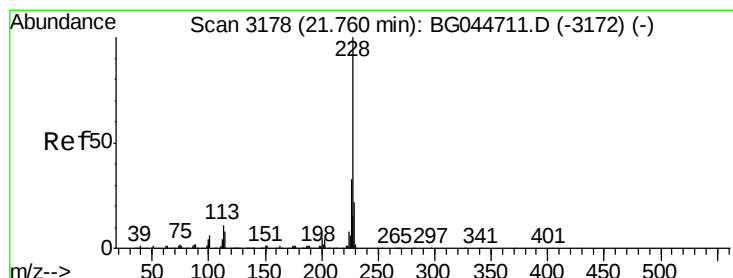
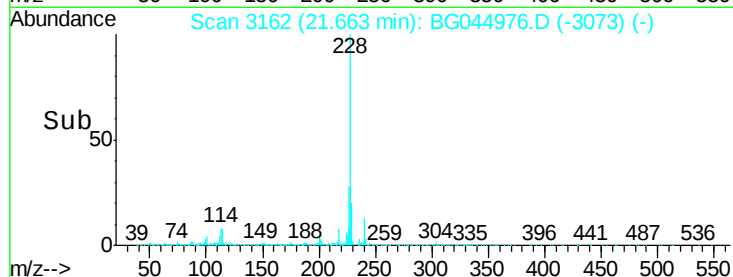
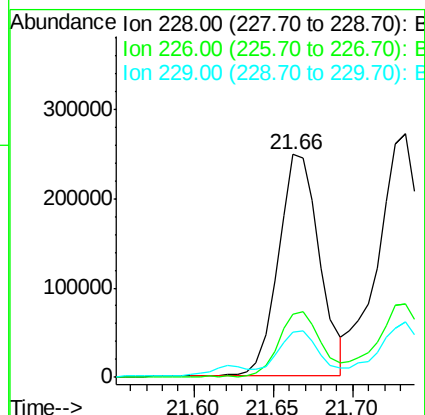
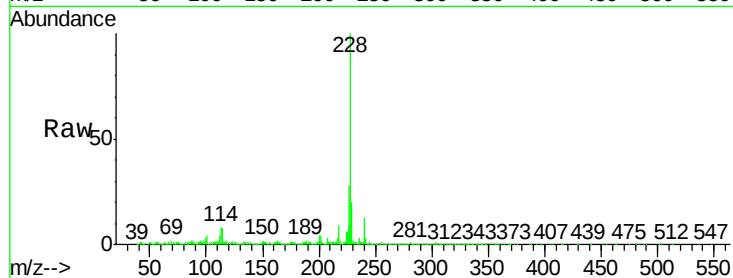
#81
Benzo(a)anthracene
Concen: 12.691 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG044976.D
Acq: 8 Apr 2020 14:38

Instrument :
BNA_G
ClientSampleId :
TP-3DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.6	35.4
229	20.1	17.1	25.7

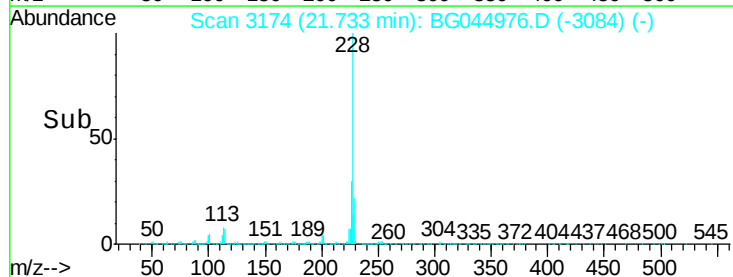
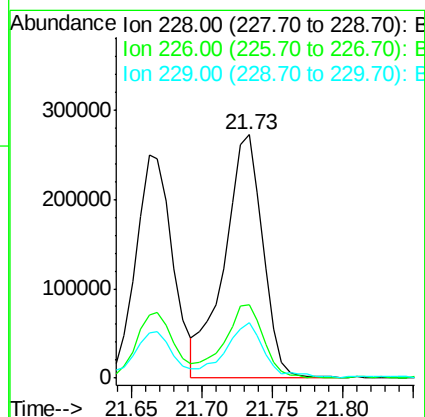
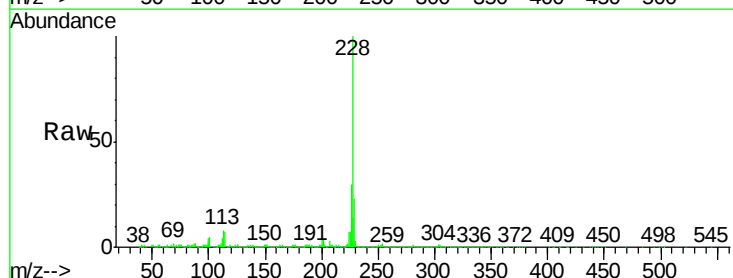
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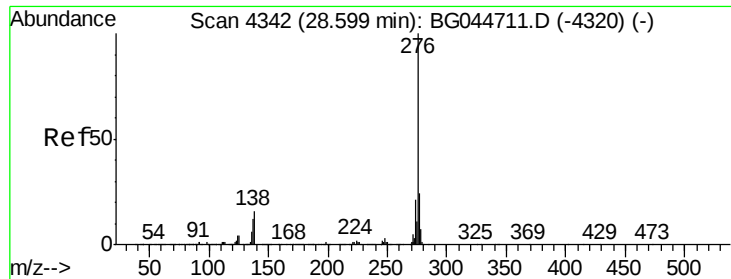
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#83
Chrysene
Concen: 15.138 ng
RT: 21.73 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG044976.D
Acq: 8 Apr 2020 14:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.9	38.9
229	22.5	17.4	26.0





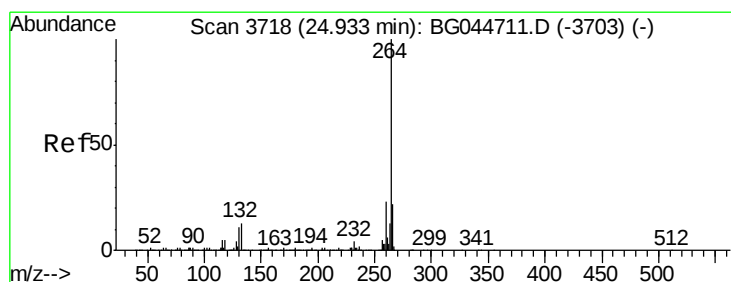
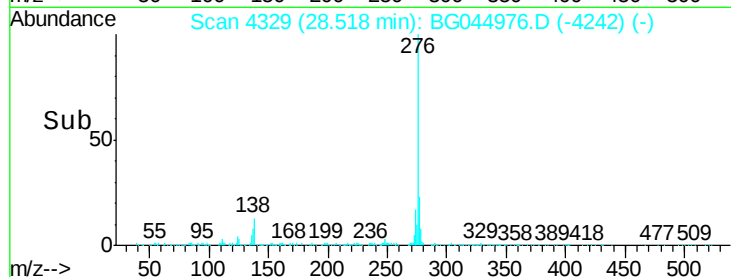
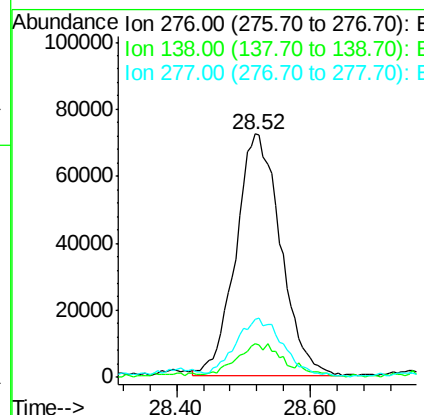
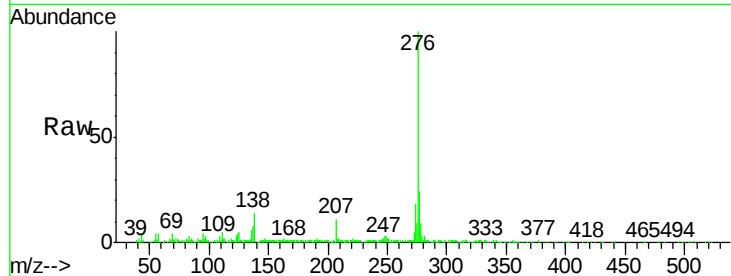
#86
Indeno(1,2,3-cd)pyrene
Concen: 7.519 ng
RT: 28.52 min Scan# 4329
Delta R.T. -0.02 min
Lab File: BG044976.D
Acq: 8 Apr 2020 14:38

Instrument :
BNA_G
ClientSampleID :
TP-3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.1	7.4	11.0#
277	25.3	20.8	31.2

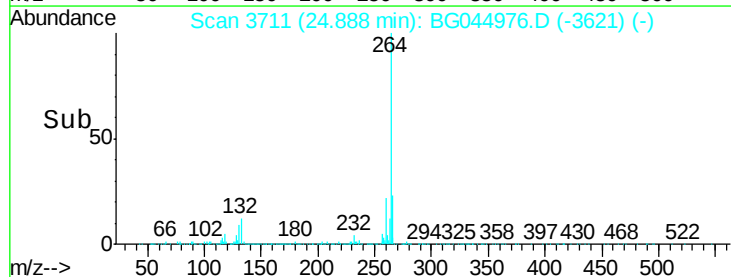
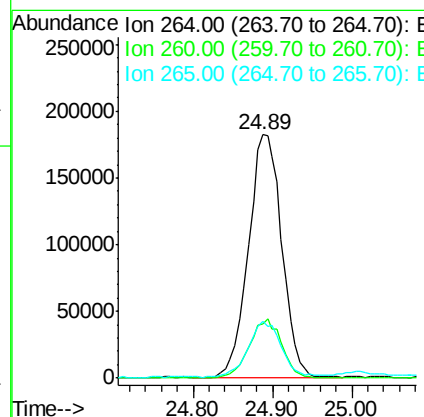
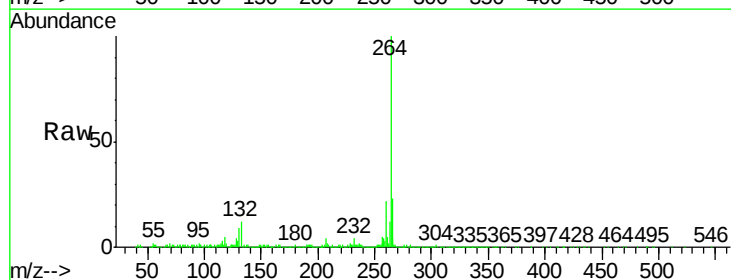
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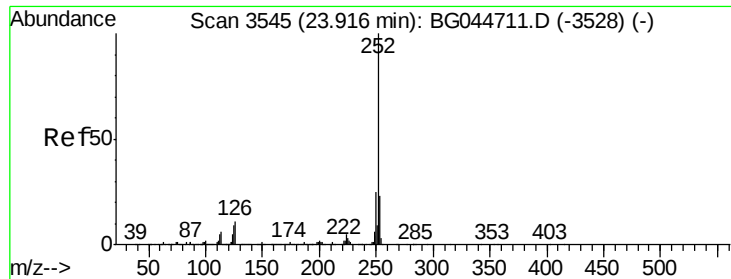
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#87
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3711
Delta R.T. -0.00 min
Lab File: BG044976.D
Acq: 8 Apr 2020 14:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.1	27.1
265	23.5	17.1	25.7





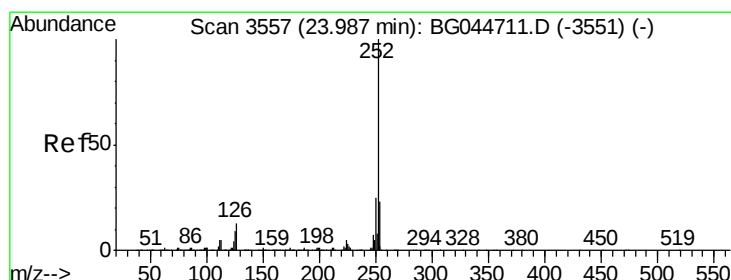
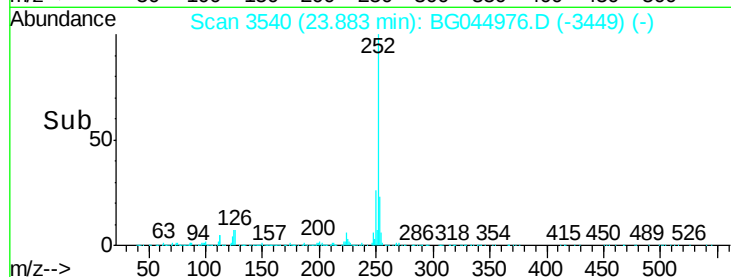
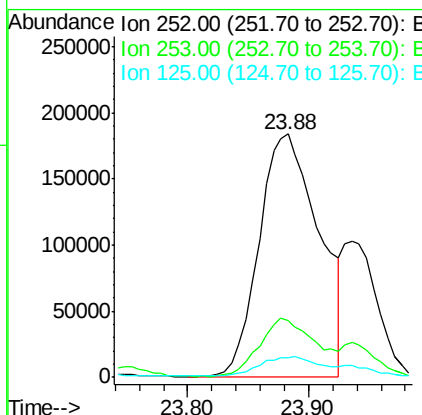
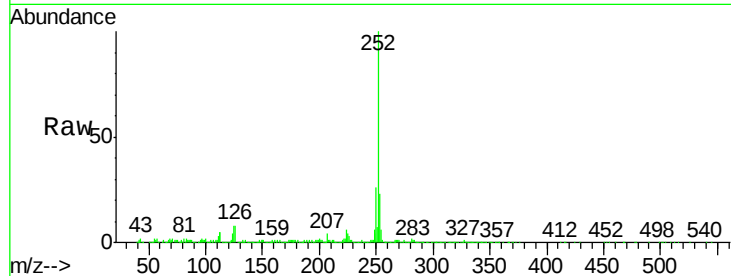
#88
Benzo(b)fluoranthene
Concen: 17.972 ng
RT: 23.88 min Scan# 3540
Delta R.T. 0.00 min
Lab File: BG044976.D
Acq: 8 Apr 2020 14:38

Instrument :
BNA_G
ClientSampled :
TP-3DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	7.9	6.6	9.8

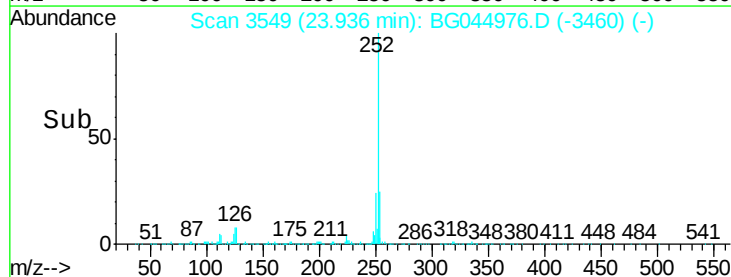
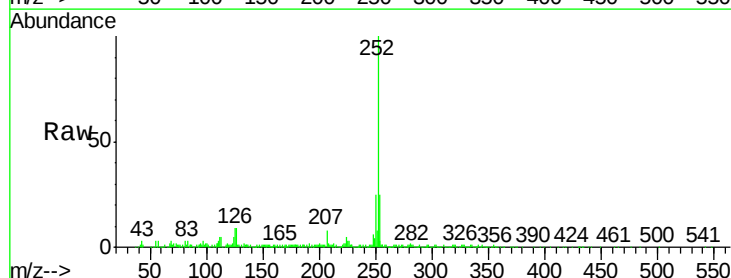
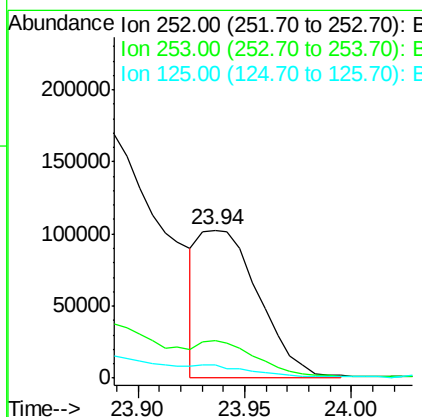
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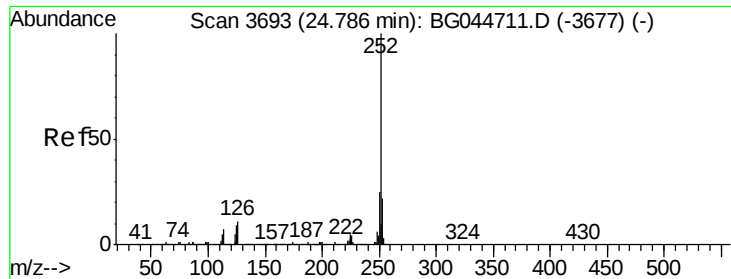
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#89
Benzo(k)fluoranthene
Concen: 6.051 ng m
RT: 23.94 min Scan# 3549
Delta R.T. -0.01 min
Lab File: BG044976.D
Acq: 8 Apr 2020 14:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.5	27.7
125	8.8	6.2	9.2





#90

Benzo(a)pyrene

Concen: 13.790 ng

RT: 24.74 min Scan# 3686

Delta R.T. -0.00 min

Lab File: BG044976.D

Acq: 8 Apr 2020 14:38

Instrument :

BNA_G

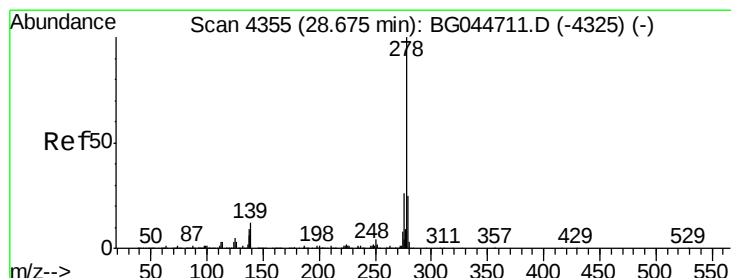
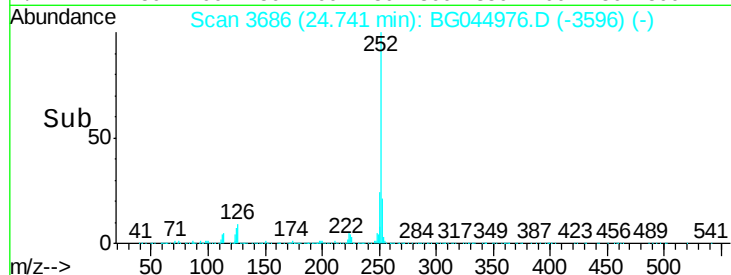
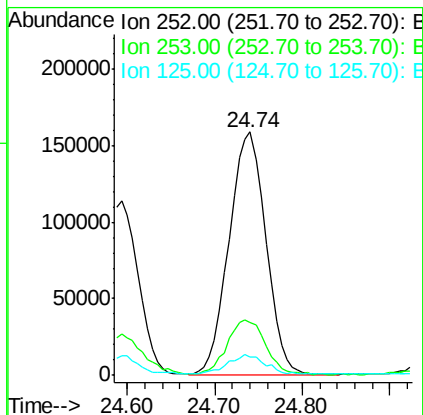
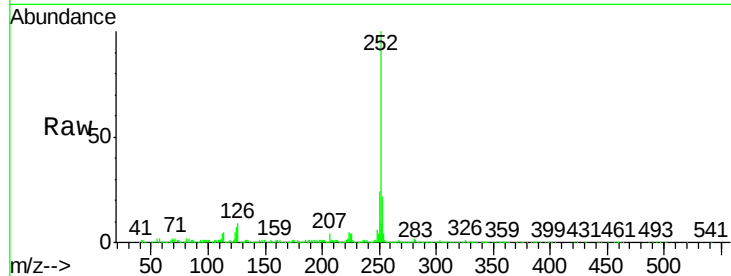
ClientSampleId :

TP-3DL

Tot Ion:	252	Resp:	452445
Ion Ratio	Lower	Upper	
252	100		
253	21.8	19.4	29.0
125	7.4	7.2	10.8

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#91

Dibenzo(a,h)anthracene

Concen: 2.956 ng m

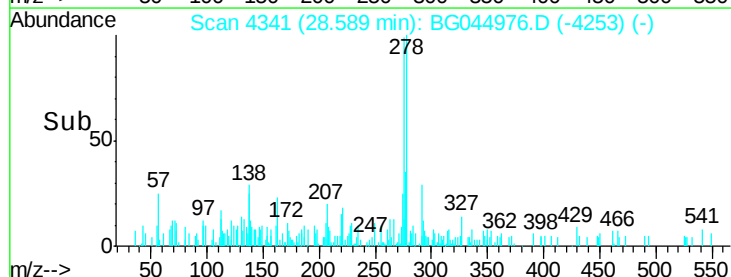
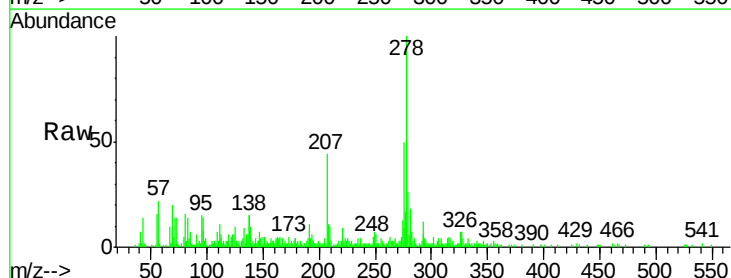
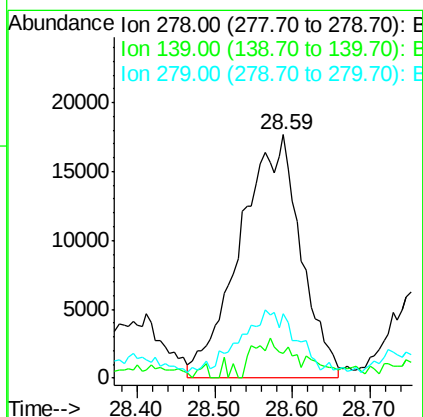
RT: 28.59 min Scan# 4341

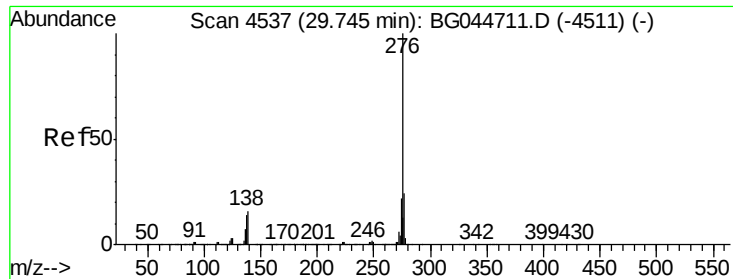
Delta R.T. -0.01 min

Lab File: BG044976.D

Acq: 8 Apr 2020 14:38

Tgt Ion:	278	Resp:	95691
Ion Ratio	Lower	Upper	
278	100		
139	10.1	10.2	15.2#
279	26.4	18.9	28.3





#92

Benzo(a,h,i)perylene

Concen: 9.899 ng

RT: 29.65 min Scan# 4522

Delta R.T. -0.03 min

Lab File: BG044976.D

Acq: 8 Apr 2020 14:38

Instrument :

BNA_G

ClientSampleId :

TP-3DL

Tot Ion:	276	Resp:	323719
Ion Ratio	Lower	Upper	
276	100		
277	22.1	20.1	30.1
138	10.6	13.0	19.6

Manual Integrations
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4/10/2020 7:56:03 AM

