

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
 Data File : BG044822.D
 Acq On : 16 Mar 2020 20:56
 Operator : CG/JU
 Sample : L1859-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-SA

Manual Integrations
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Quant Time: Mar 17 05:12:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	116449	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	478423	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	311936	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	643370	20.00	ng	0.00
76) Chrysene-d12	21.70	240	504264	20.00	ng	0.00
87) Perylene-d12	24.91	264	582244	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	602615	80.56	ng	0.00
7) Phenol-d6	7.20	99	877454	80.73	ng	0.00
23) Nitrobenzene-d5	9.20	82	574199	52.67	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	336034	82.27	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1182046	54.27	ng	0.00
79) Terphenyl-d14	20.04	244	1409141	52.27	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	93229	3.753	ng	98
71) Phenanthrene	17.47	178	304153	8.847	ng	98
72) Anthracene	17.56	178	68999	2.035	ng	95
75) Fluoranthene	19.48	202	505498	12.349	ng	97
78) Pyrene	19.84	202	482876	13.052	ng	98
81) Benzo(a)anthracene	21.68	228	233657	6.435	ng	96
83) Chrysene	21.74	228	209435	6.038	ng	96
86) Indeno(1,2,3-cd)pyrene	28.54	276	149778	3.294	ng	# 94
88) Benzo(b)fluoranthene	23.89	252	276902	7.204	ng	99
89) Benzo(k)fluoranthene	23.95	252	79114m	2.175	ng	
90) Benzo(a)pyrene	24.75	252	210608	5.856	ng	98
92) Benzo(a,h,i)perylene	29.68	276	152837	4.263	ng	97

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

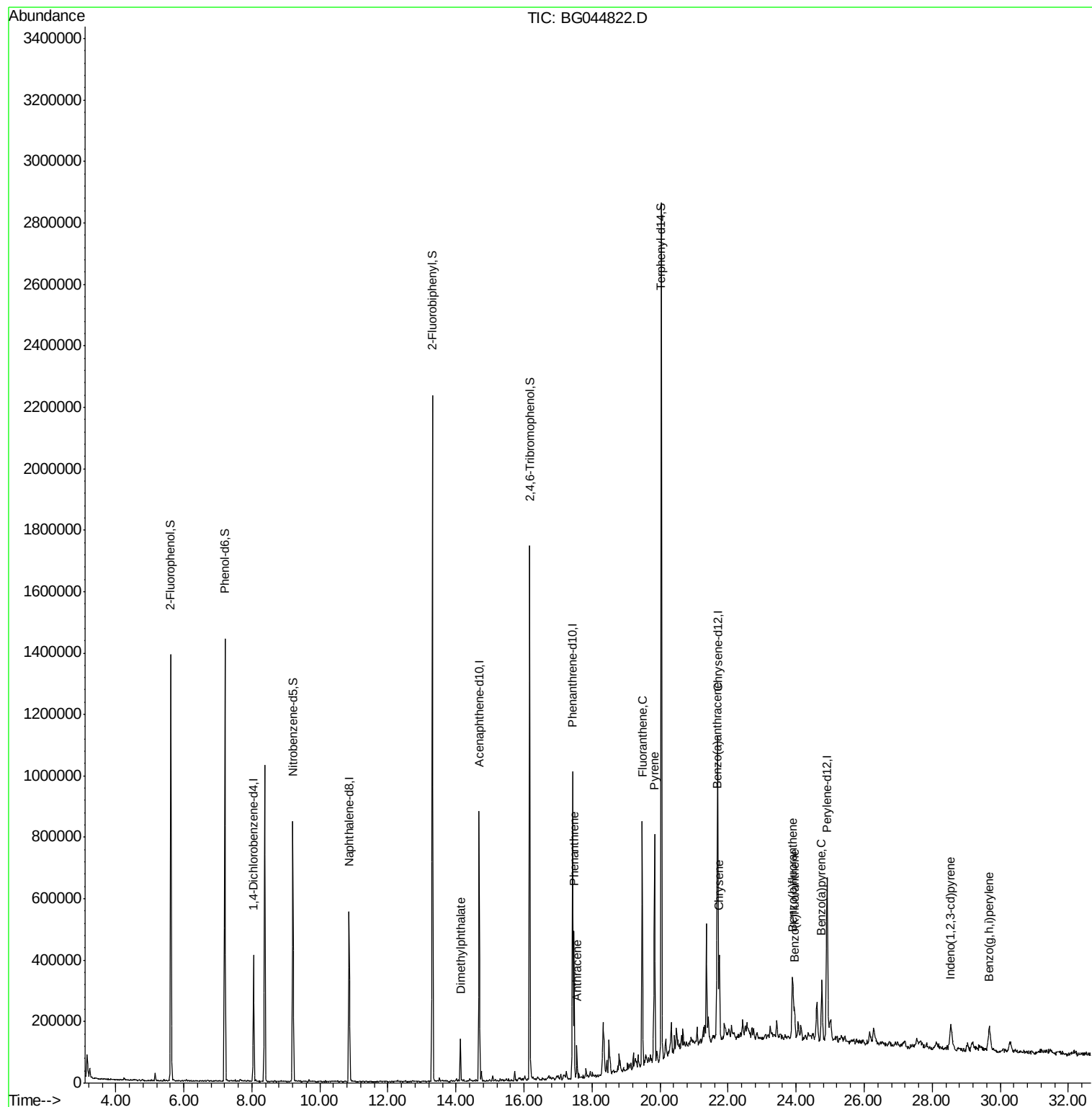
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044822.D
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Operator : CG/JU
Sample : L1859-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

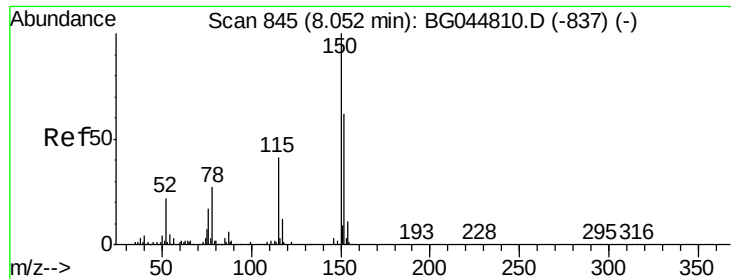
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Mar 17 05:12:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration





#1

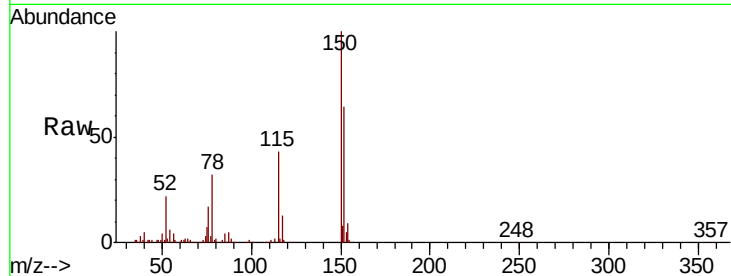
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG044822.D
Acq: 16 Mar 2020 20:56

Instrument :
BNA_G
ClientSampleId :
TP-7-SA

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	128.8	193.2
115	67.3	52.6	79.0

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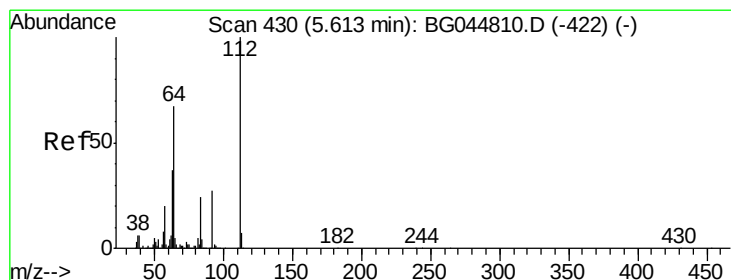
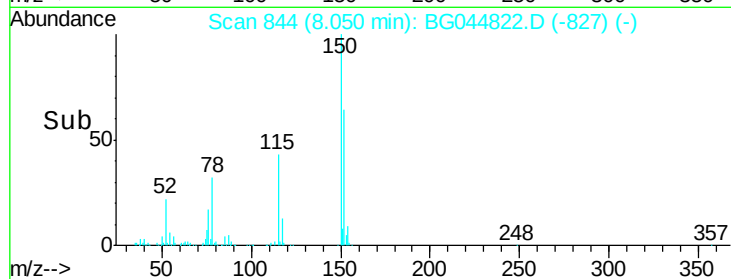
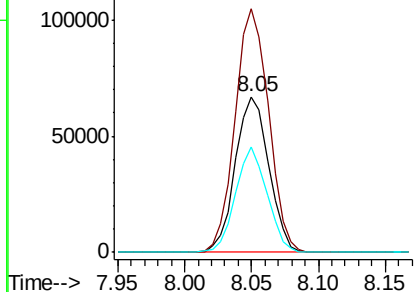


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

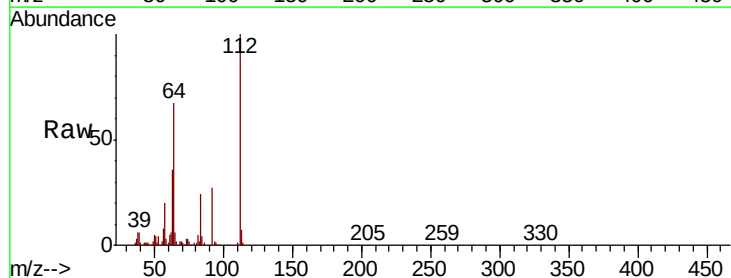
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 80.558 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044822.D
Acq: 16 Mar 2020 20:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.4	80.2
63	36.5	29.4	44.2

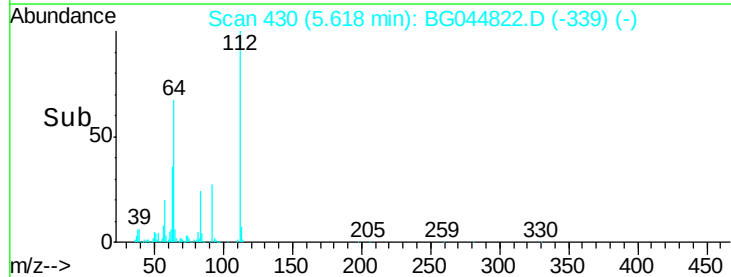
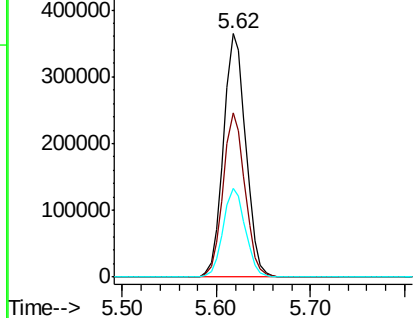


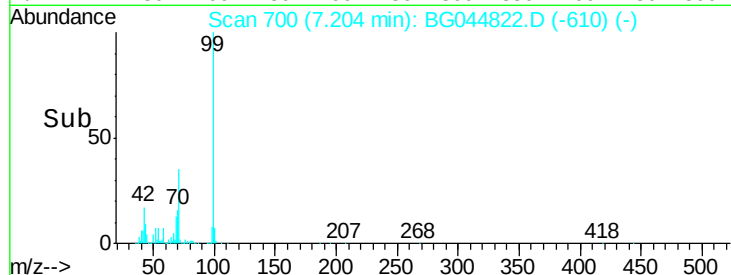
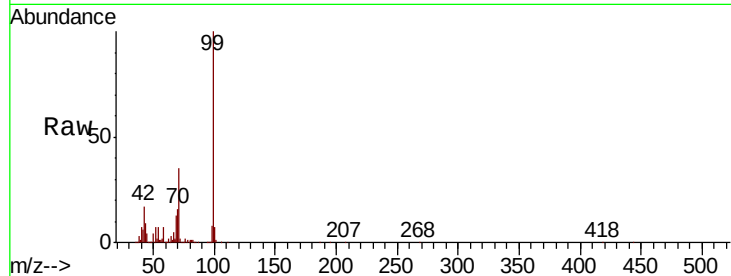
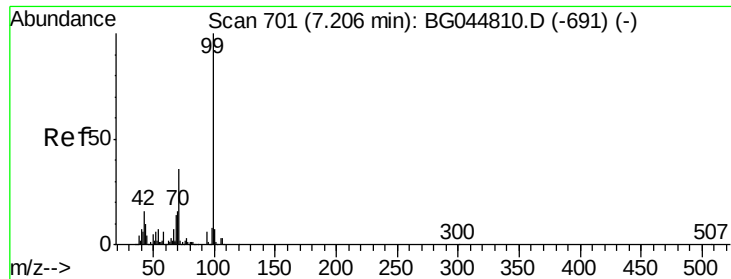
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 80.732 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044822.D

Acq: 16 Mar 2020 20:56

Tot Ion:	99	Resp:	877454
Ion Ratio	Lower	Upper	
99	100		
42	16.7	12.6	19.0
71	35.4	29.0	43.4

Instrument :

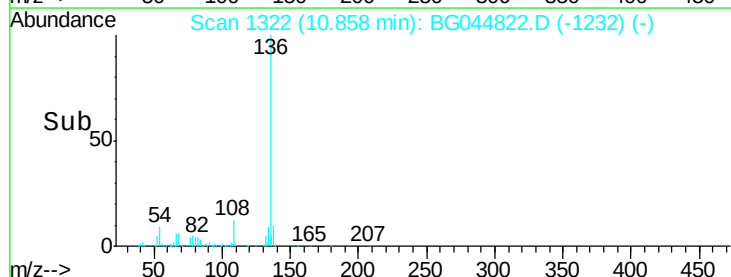
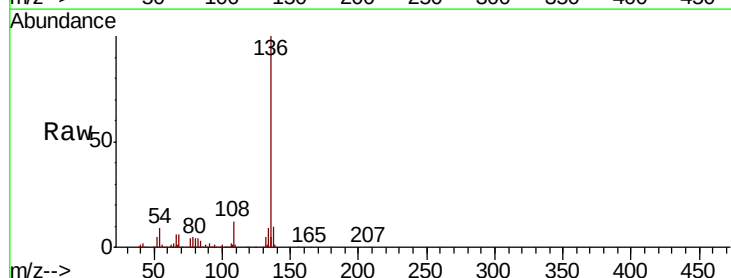
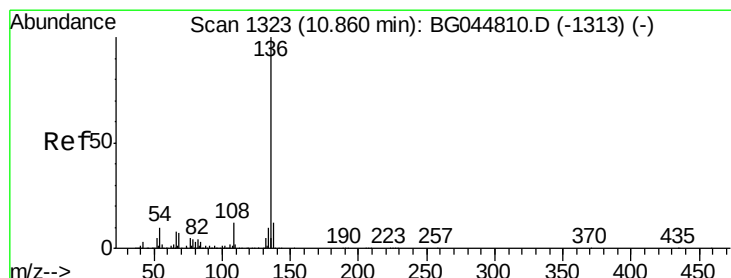
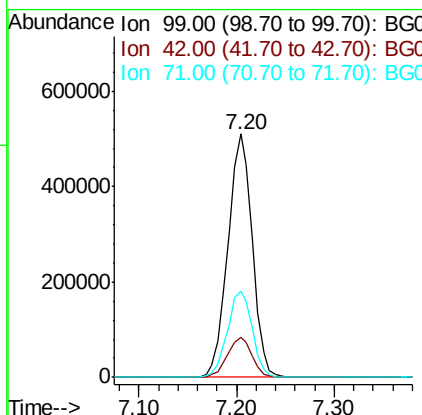
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ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

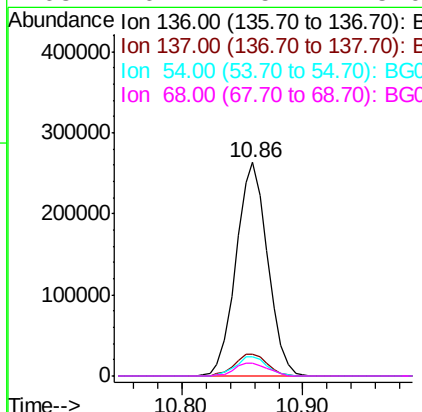
RT: 10.86 min Scan# 1322

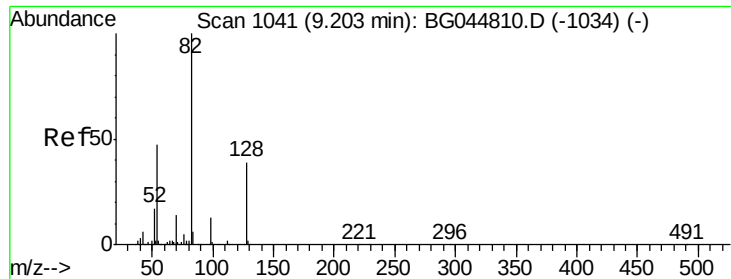
Delta R.T. -0.00 min

Lab File: BG044822.D

Acq: 16 Mar 2020 20:56

Tgt Ion:	136	Resp:	478423
Ion Ratio	Lower	Upper	
136	100		
137	10.0	9.8	14.6
54	9.3	7.9	11.9
68	6.2	5.4	8.0





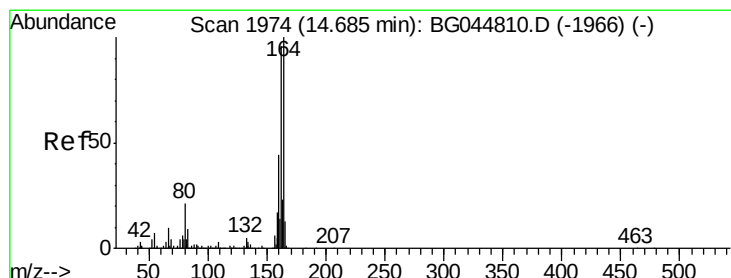
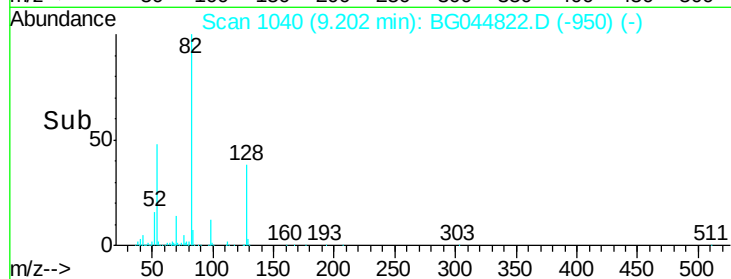
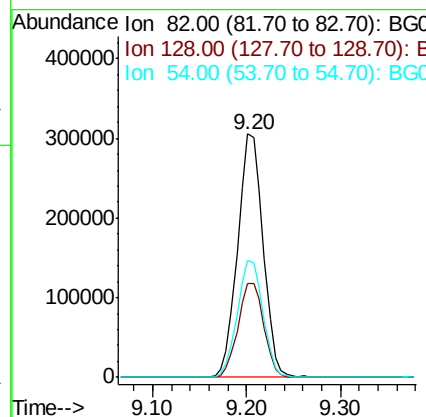
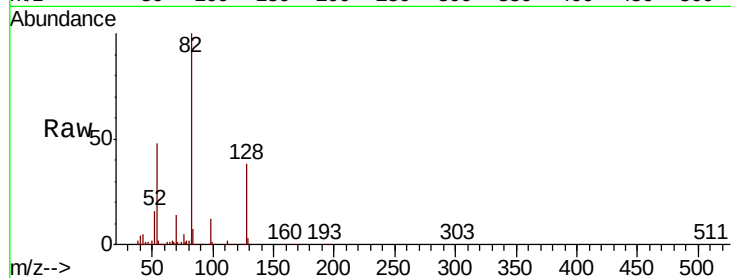
#23
 Nitrobenzene-d5
 Concen: 52.666 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044822.D
 Acq: 16 Mar 2020 20:56

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-SA

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.4	30.6	46.0
54	47.8	37.1	55.7

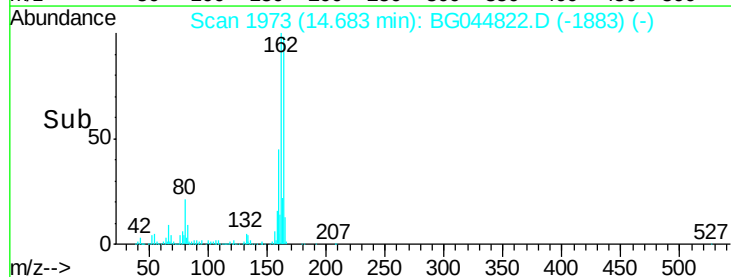
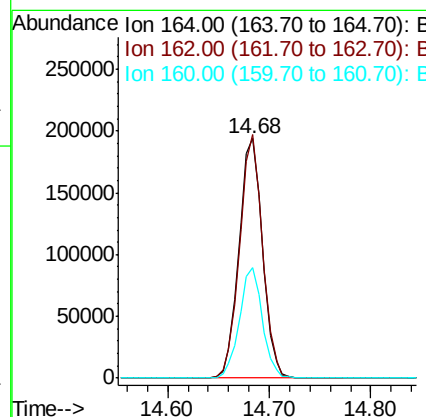
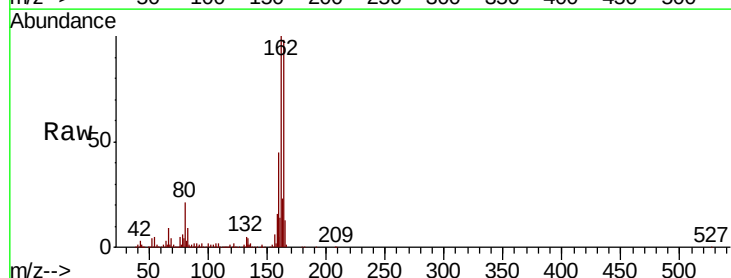
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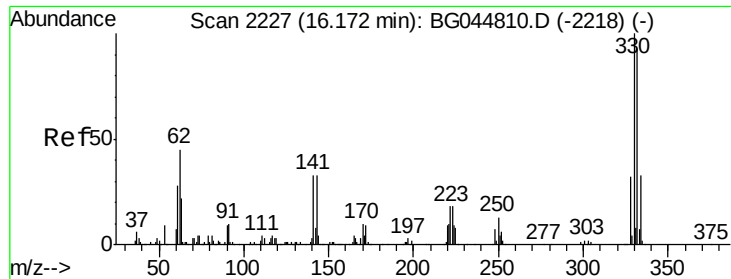
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG044822.D
 Acq: 16 Mar 2020 20:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	76.7	115.1
160	46.0	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 82.274 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG044822.D

Acq: 16 Mar 2020 20:56

Instrument :

BNA_G

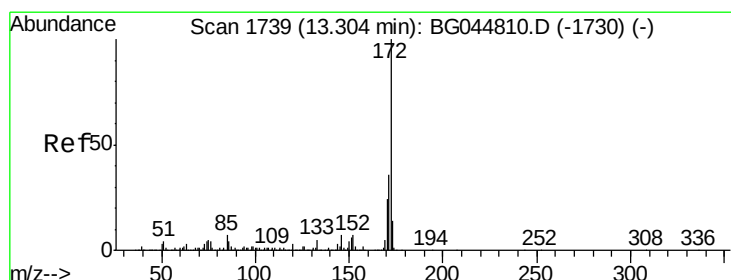
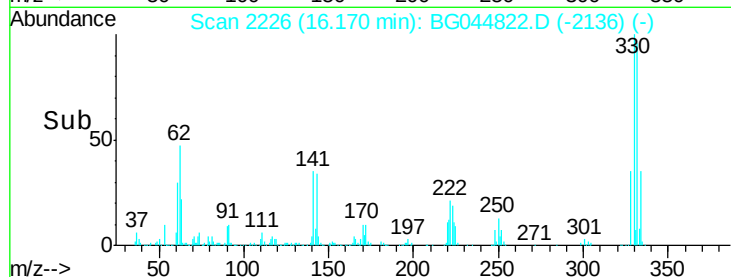
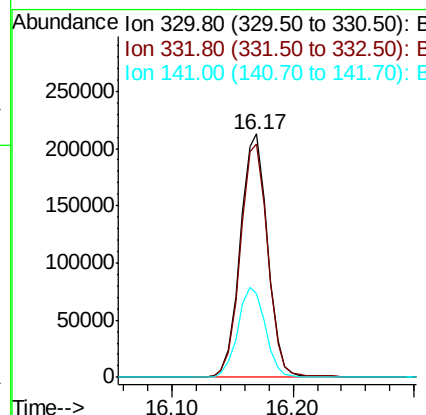
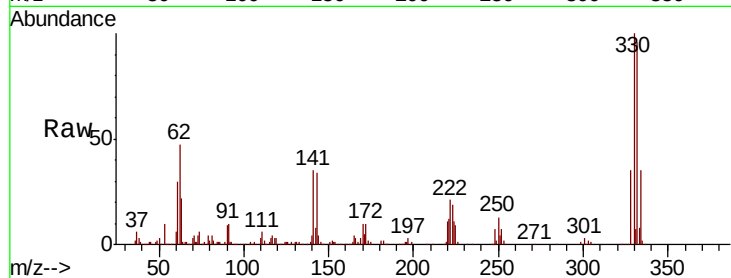
ClientSampled :

TP-7-SA

Tot Ion:	330	Resp:	336034
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.8	116.6
141	37.3	29.5	44.3

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#45

2-Fluorobiphenyl

Concen: 54.265 ng

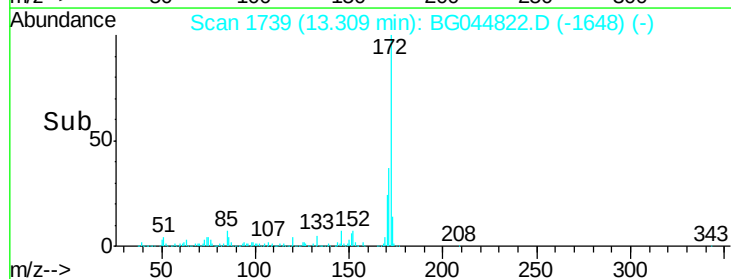
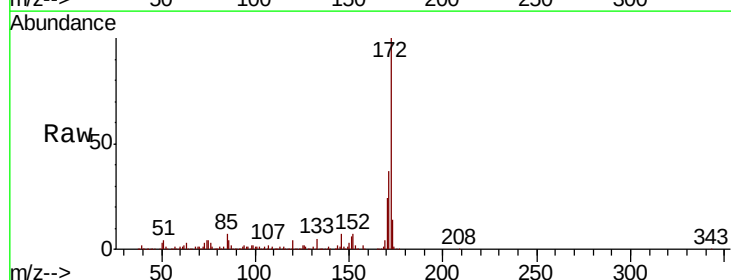
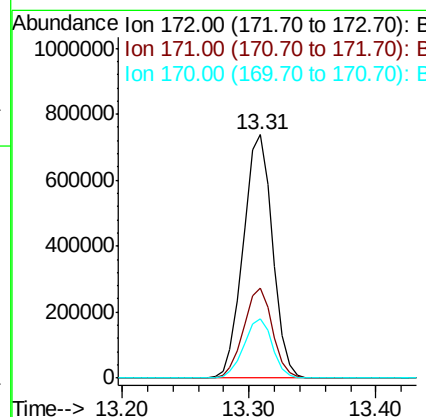
RT: 13.31 min Scan# 1739

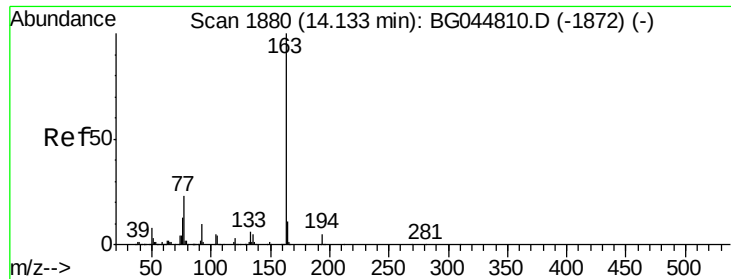
Delta R.T. 0.00 min

Lab File: BG044822.D

Acq: 16 Mar 2020 20:56

Tgt Ion:	172	Resp:	1182046
Ion Ratio	Lower	Upper	
172	100		
171	37.2	28.7	43.1
170	24.2	19.0	28.6





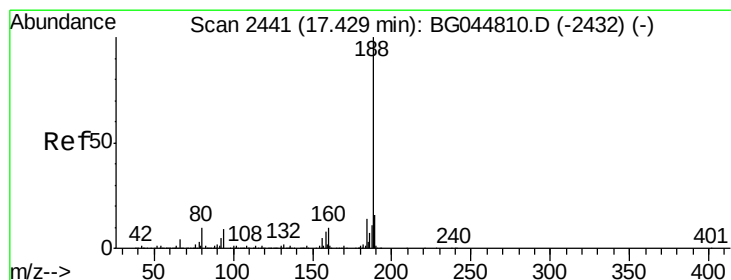
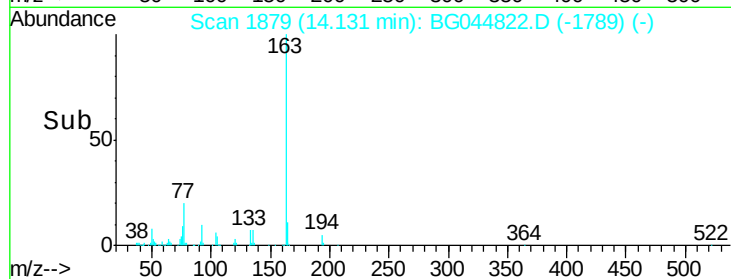
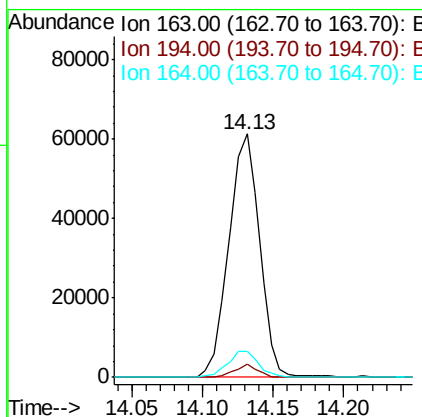
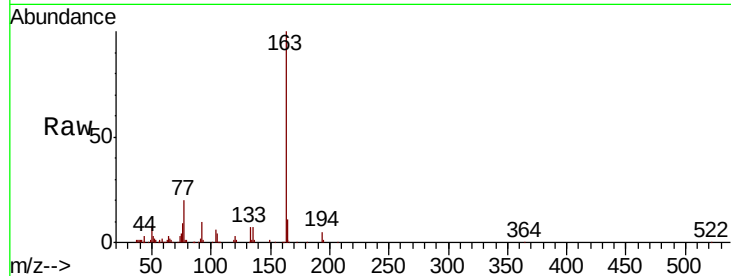
#50
Dimethylphthalate
Concen: 3.753 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG044822.D
Acq: 16 Mar 2020 20:56

Instrument :
BNA_G
ClientSampleId :
TP-7-SA

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.7	5.5
164	10.8	9.1	13.7

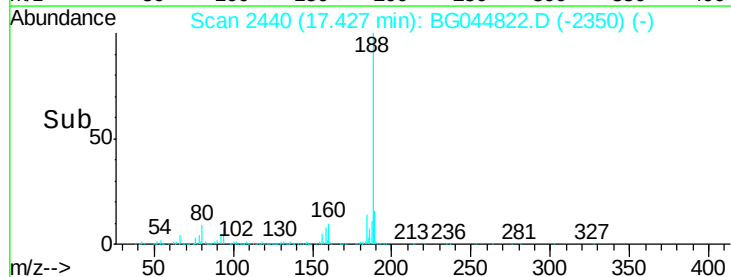
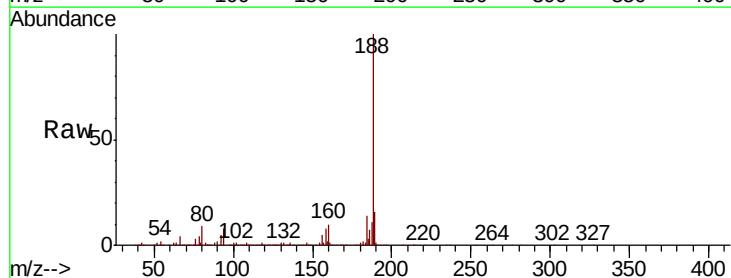
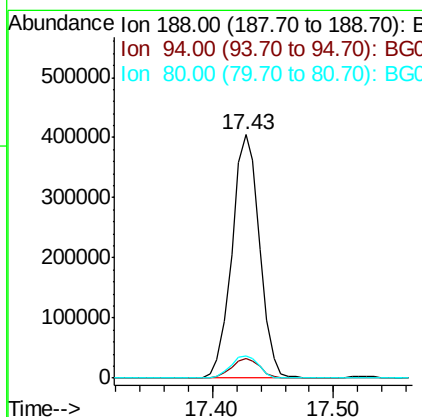
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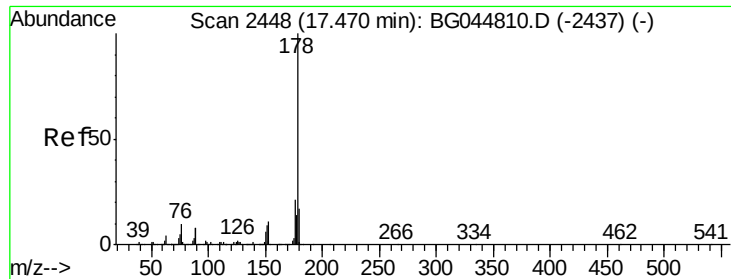
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG044822.D
Acq: 16 Mar 2020 20:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.3	10.9
80	9.3	8.0	12.0





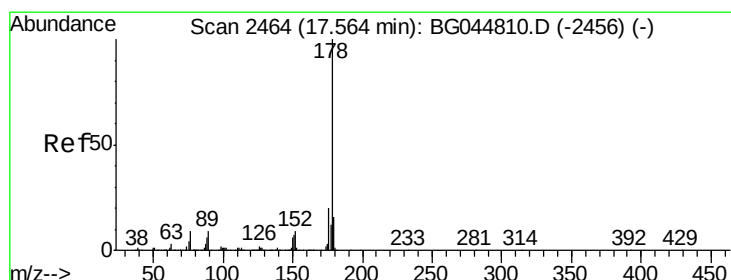
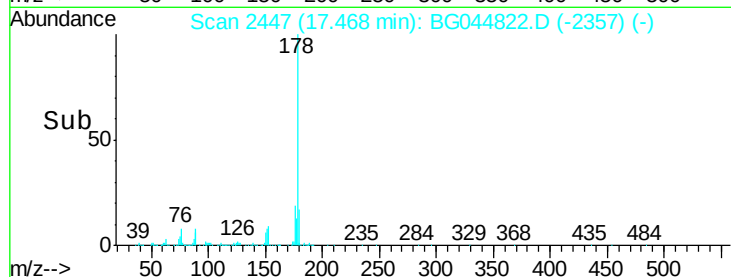
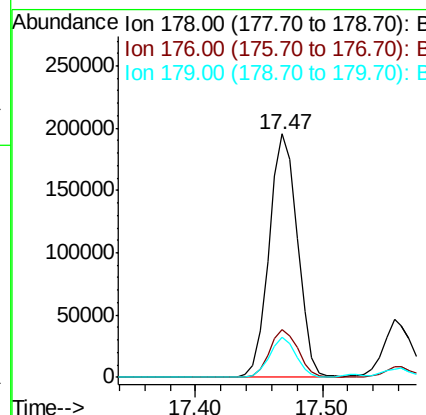
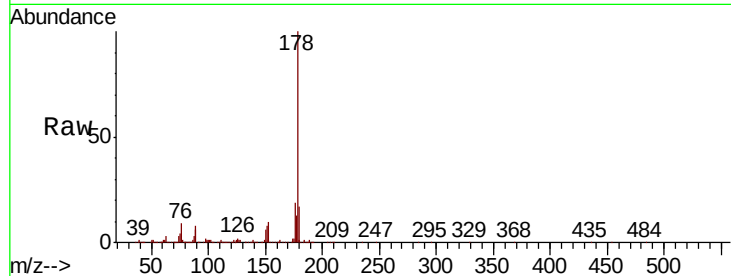
#71
Phenanthrene
Concen: 8.847 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG044822.D
Acq: 16 Mar 2020 20:56

Instrument :
BNA_G
ClientSampled :
TP-7-SA

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.6	24.8
179	16.7	13.5	20.3

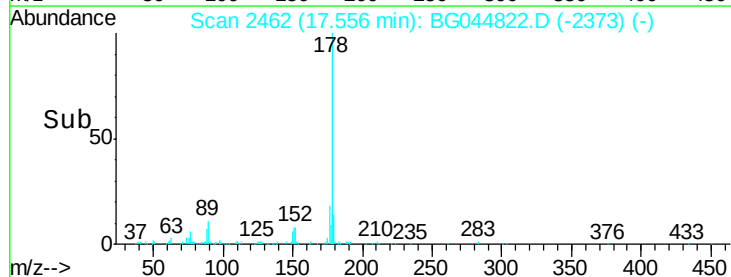
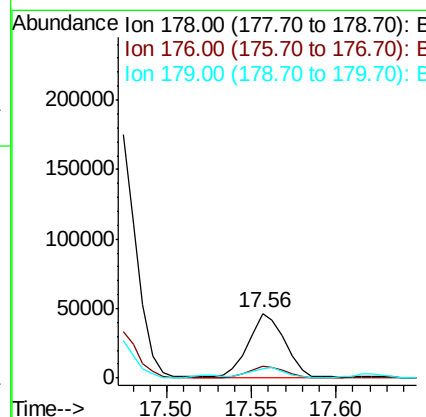
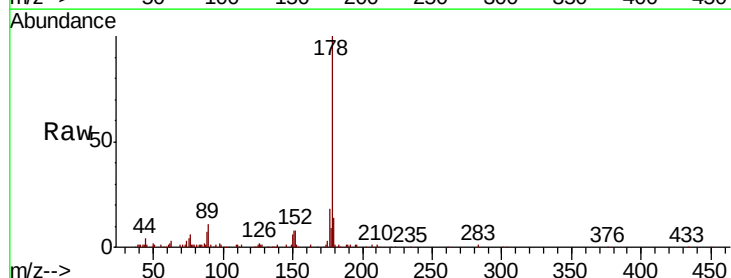
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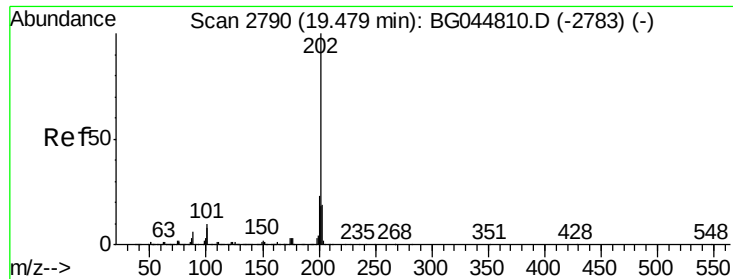
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#72
Anthracene
Concen: 2.035 ng
RT: 17.56 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG044822.D
Acq: 16 Mar 2020 20:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.9	23.9
179	14.1	13.2	19.8





#75

Fluoranthene

Concen: 12.349 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG044822.D

Acq: 16 Mar 2020 20:56

Instrument :

BNA_G

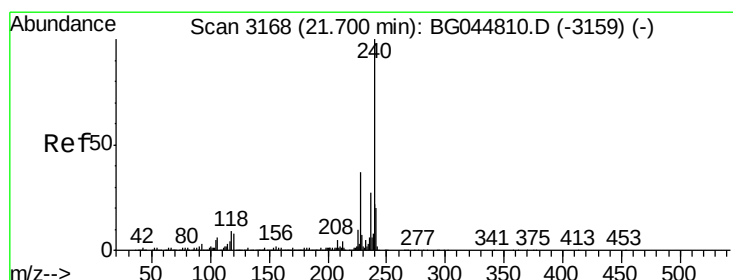
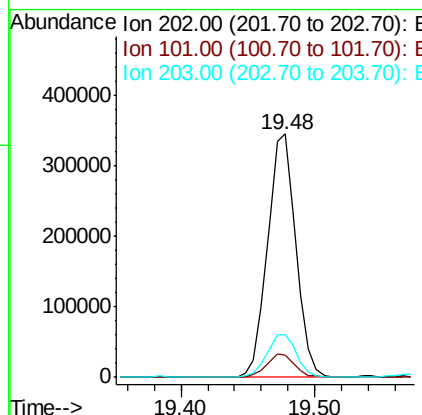
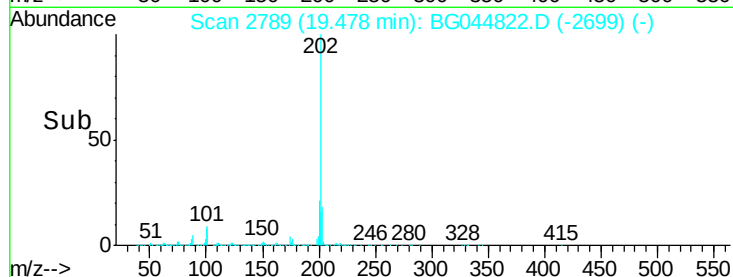
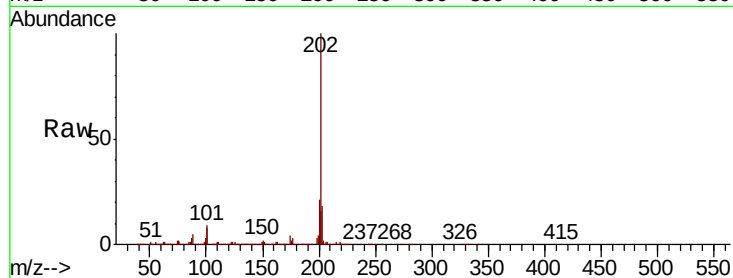
ClientSampleId :

TP-7-SA

Tot Ion:	202	Resp:	505498
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	29.8
203	17.7	0.0	39.4

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#76

Chrysene-d12

Concen: 20.000 ng

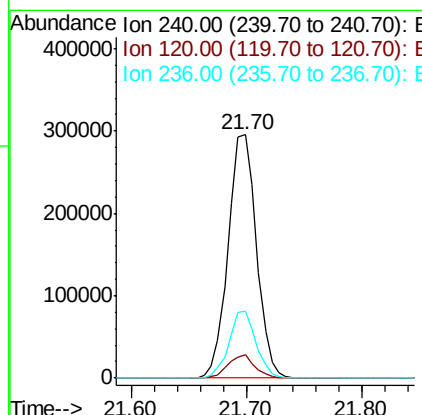
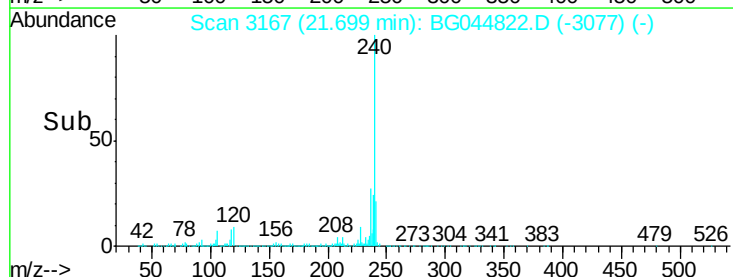
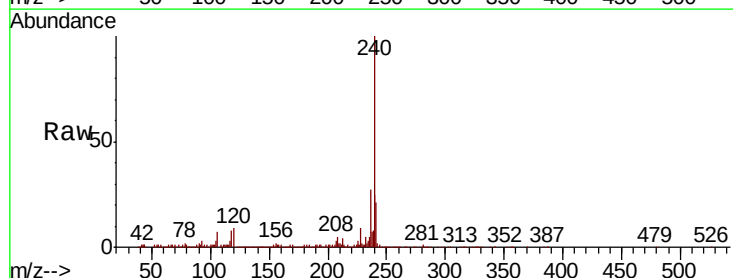
RT: 21.70 min Scan# 3167

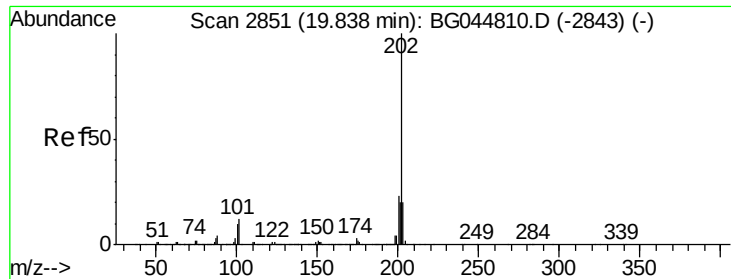
Delta R.T. -0.00 min

Lab File: BG044822.D

Acq: 16 Mar 2020 20:56

Tgt Ion:	240	Resp:	504264
Ion Ratio	Lower	Upper	
240	100		
120	9.4	6.7	10.1
236	27.5	21.5	32.3





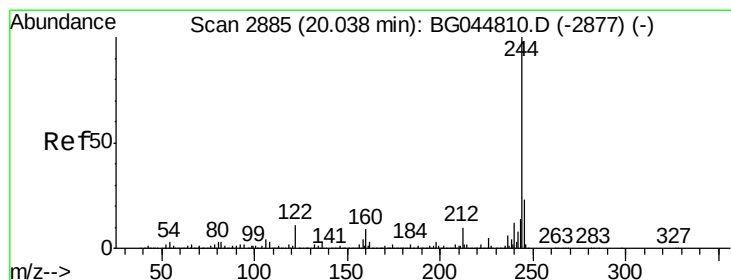
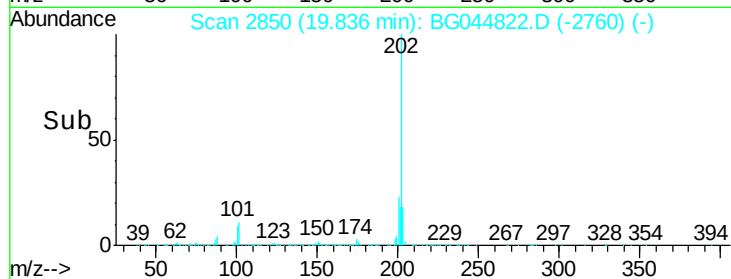
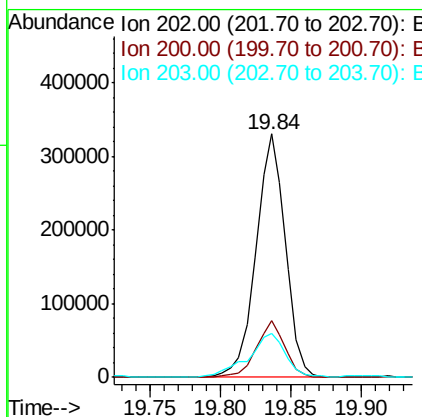
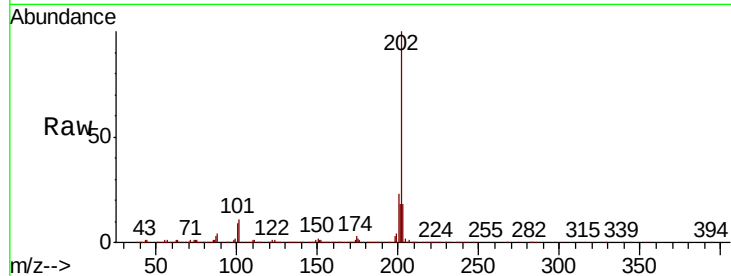
#78
Pvrene
Concen: 13.052 ng
RT: 19.84 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BG044822.D
Acq: 16 Mar 2020 20:56

Instrument :
BNA_G
ClientSampleId :
TP-7-SA

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.3	27.5
203	17.9	15.6	23.4

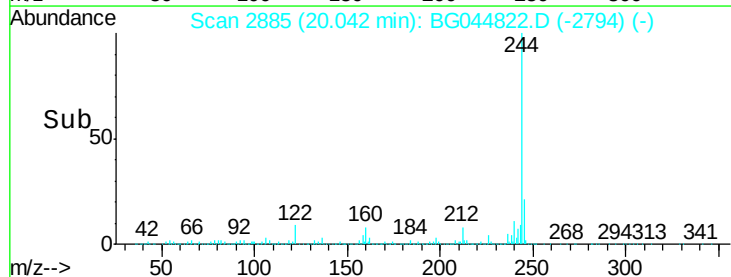
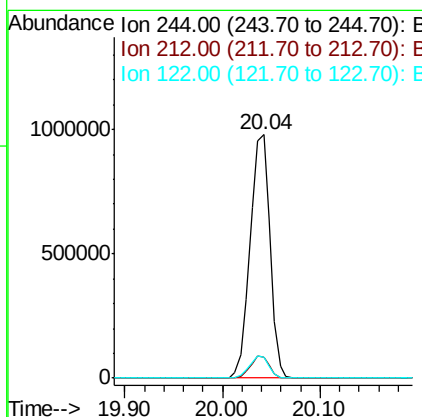
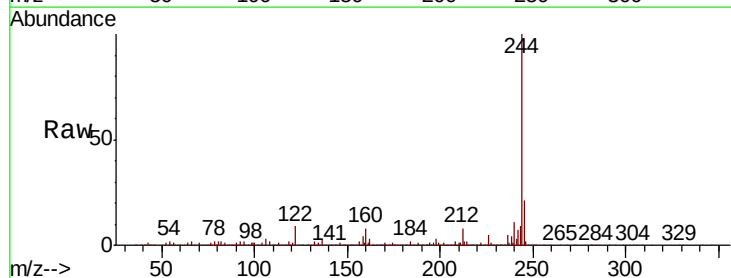
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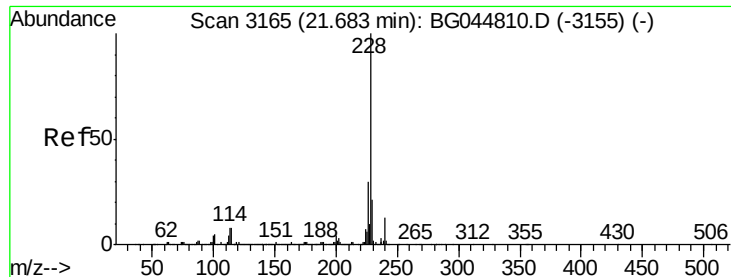
mohammad
3/18/2020 8:44:22 AM



#79
Terphenyl-d14
Concen: 52.272 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.00 min
Lab File: BG044822.D
Acq: 16 Mar 2020 20:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.7	11.5
122	8.5	8.6	12.8#





#81

Benzo(a)anthracene

Concen: 6.435 ng

RT: 21.68 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044822.D

Acq: 16 Mar 2020 20:56

Instrument :

BNA_G

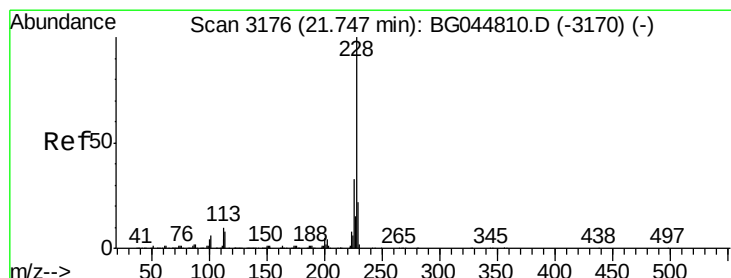
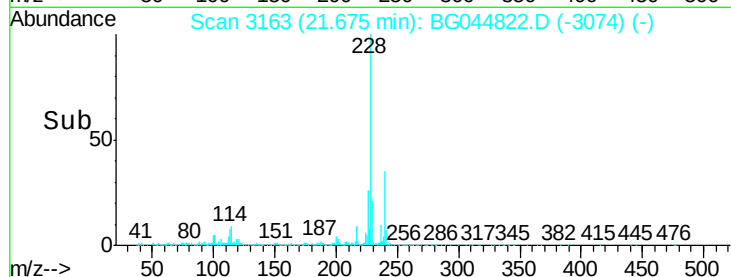
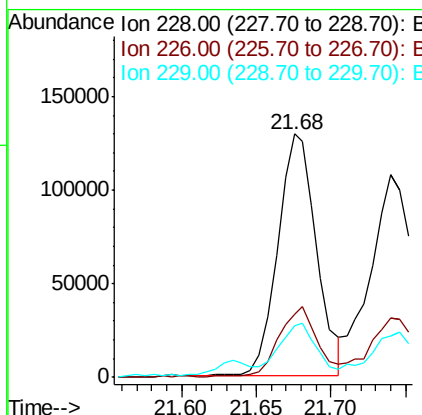
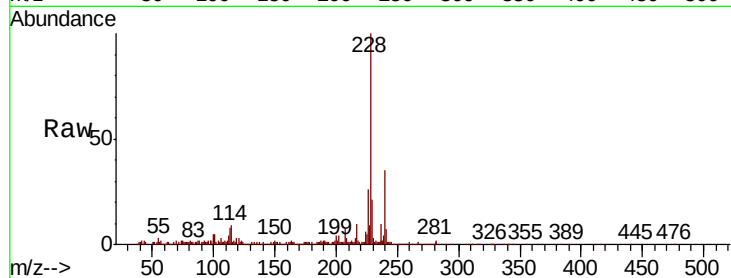
ClientSampleId :

TP-7-SA

Tot Ion:	228	Resp:	233657
Ion Ratio	Lower	Upper	
228	100		
226	26.0	23.6	35.4
229	21.4	17.1	25.7

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#83

Chrysene

Concen: 6.038 ng

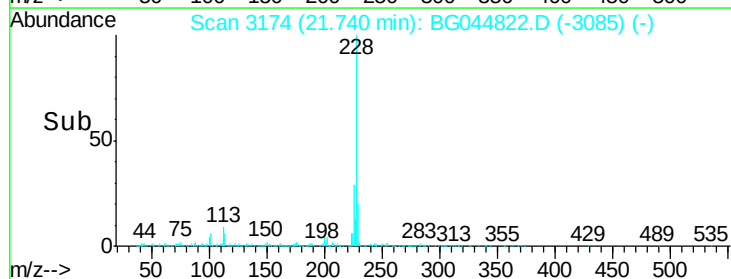
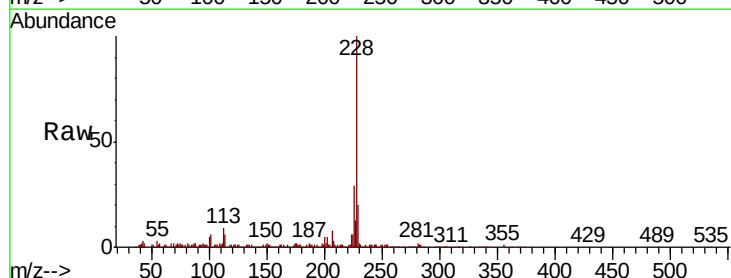
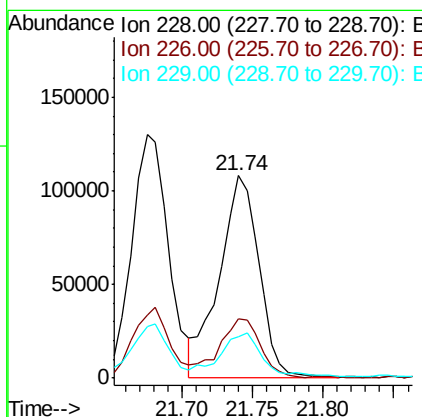
RT: 21.74 min Scan# 3174

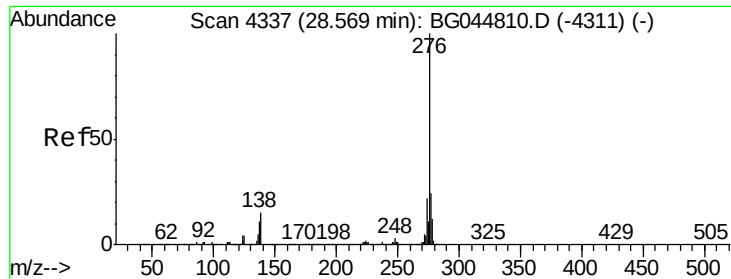
Delta R.T. -0.01 min

Lab File: BG044822.D

Acq: 16 Mar 2020 20:56

Tgt Ion:	228	Resp:	209435
Ion Ratio	Lower	Upper	
228	100		
226	29.3	25.9	38.9
229	20.3	17.4	26.0





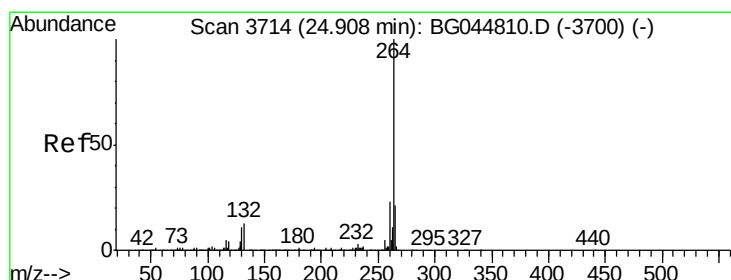
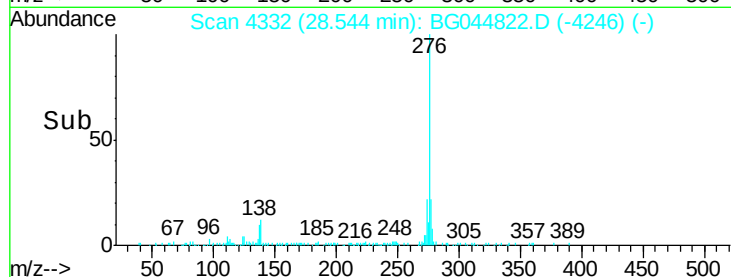
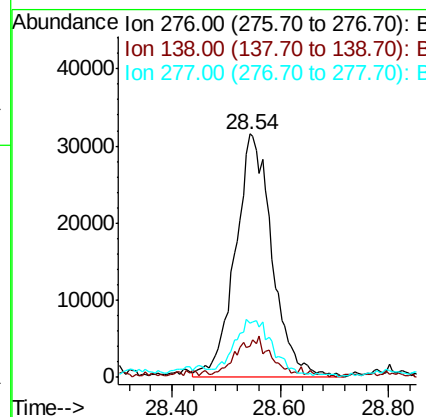
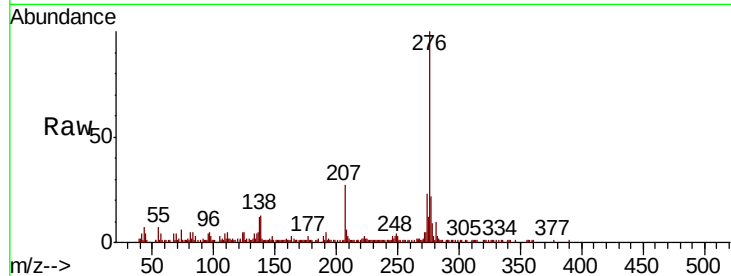
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 3.294 ng
 RT: 28.54 min Scan# 4332
 Delta R.T. -0.03 min
 Lab File: BG044822.D
 Acq: 16 Mar 2020 20:56

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-SA

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.0	7.4	11.0#
277	23.9	20.8	31.2

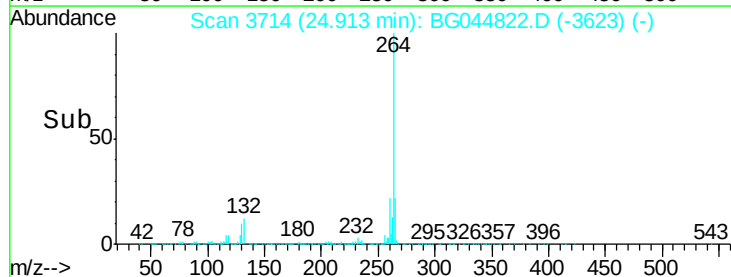
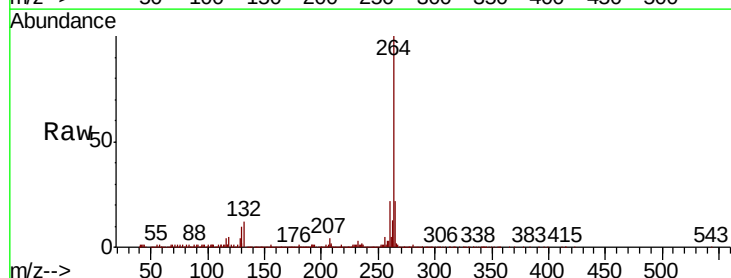
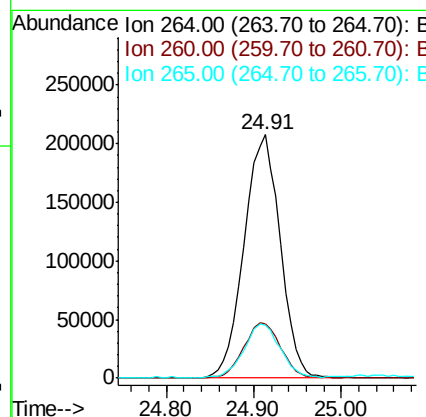
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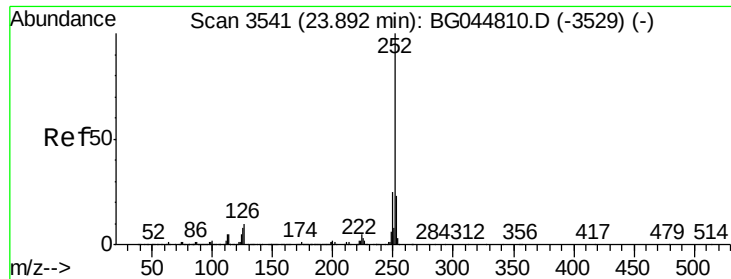
mohammad
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3714
 Delta R.T. 0.00 min
 Lab File: BG044822.D
 Acq: 16 Mar 2020 20:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.1	27.1
265	21.8	17.1	25.7





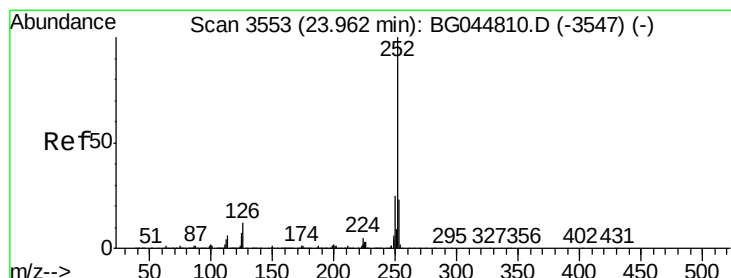
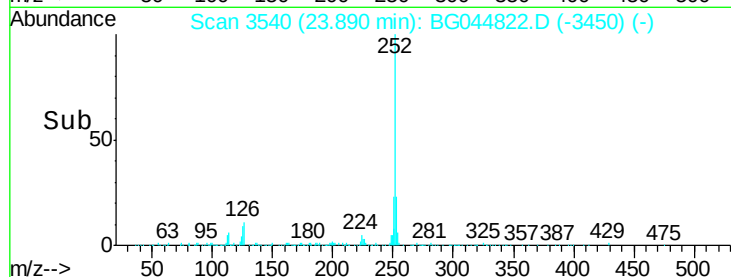
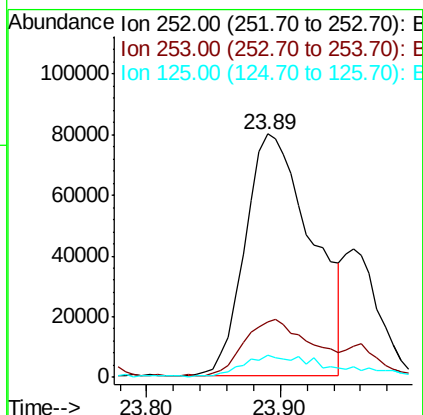
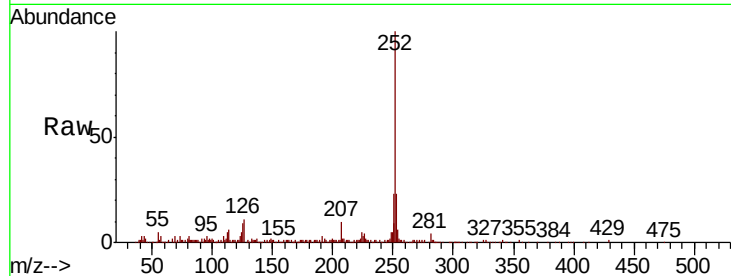
#88
Benzo(b)fluoranthene
Concen: 7.204 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.00 min
Lab File: BG044822.D
Acq: 16 Mar 2020 20:56

Instrument :
BNA_G
ClientSampleId :
TP-7-SA

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	9.2	6.6	9.8

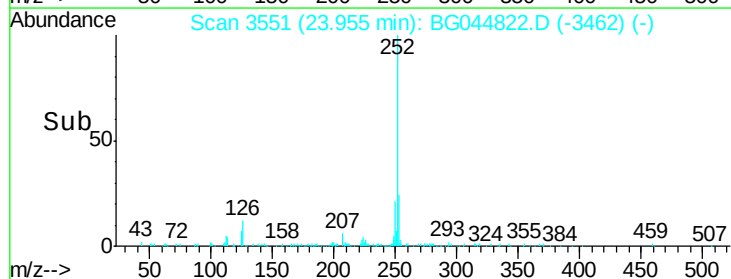
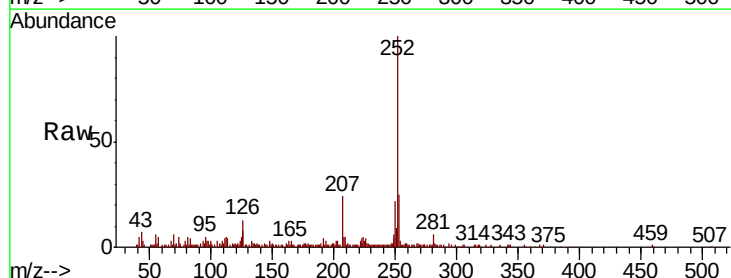
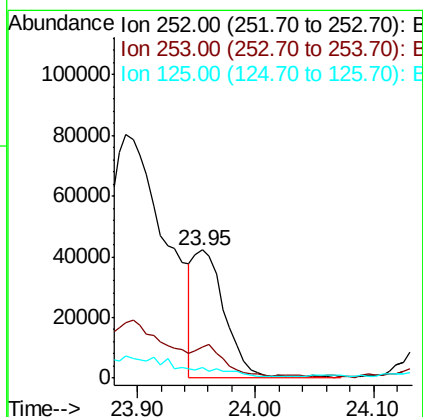
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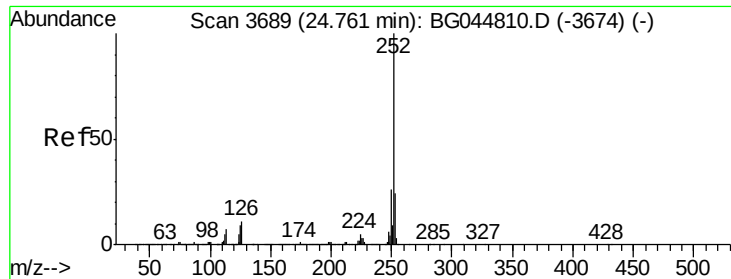
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#89
Benzo(k)fluoranthene
Concen: 2.175 ng m
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG044822.D
Acq: 16 Mar 2020 20:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.5	27.7
125	8.3	6.2	9.2





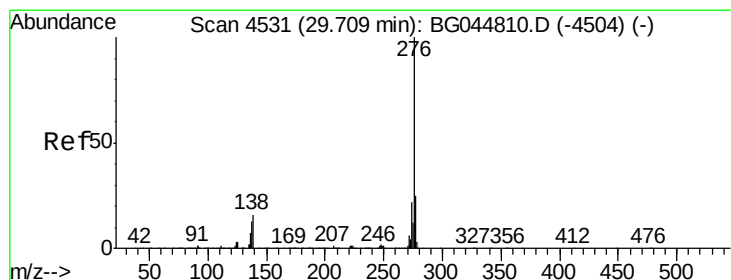
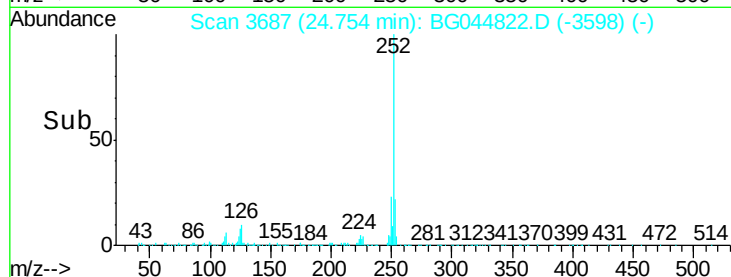
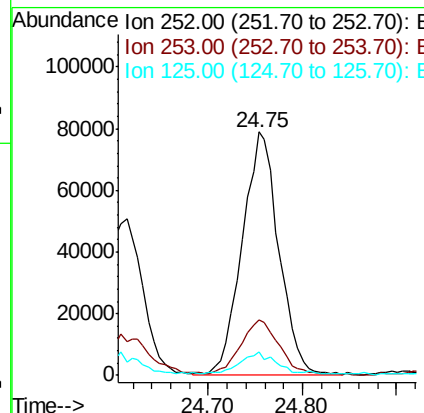
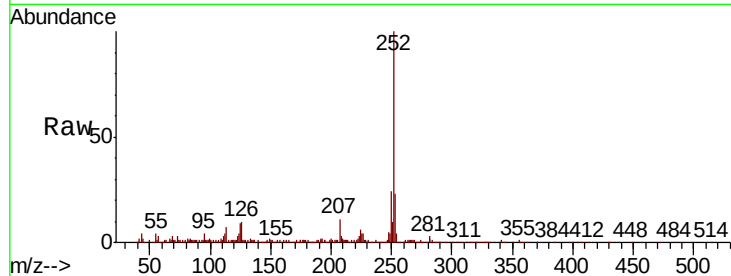
#90
Benzo(a)pyrene
Concen: 5.856 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.01 min
Lab File: BG044822.D
Acq: 16 Mar 2020 20:56

Instrument :
BNA_G
ClientSampleId :
TP-7-SA

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.4	29.0
125	9.4	7.2	10.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.263 ng
RT: 29.68 min Scan# 4525
Delta R.T. -0.03 min
Lab File: BG044822.D
Acq: 16 Mar 2020 20:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.1	30.1
138	13.6	13.0	19.6

