

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
 Data File : BG044826.D
 Acq On : 16 Mar 2020 23:34
 Operator : CG/JU
 Sample : L1761-06 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SU-01-031220

Manual Integrations
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mohammad
 3/18/2020 8:44:27 AM

Quant Time: Mar 17 05:41:35 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	8.06	152	129084	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	493993	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	298040	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	596163	20.00	ng	0.00
76) Chrysene-d12	21.70	240	513675	20.00	ng	0.00
87) Perylene-d12	24.92	264	584962	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	374237	45.13	ng	0.00
7) Phenol-d6	7.20	99	551540	45.78	ng	0.00
23) Nitrobenzene-d5	9.20	82	359075	31.90	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	187114	47.95	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	711479	34.19	ng	0.00
79) Terphenyl-d14	20.04	244	912218	33.22	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
37) 2-Methylnaphthalene	12.51	142	48070	2.348	ng	86
50) Dimethylphthalate	14.13	163	67943	2.862	ng	# 94
71) Phenanthrene	17.47	178	406088	12.747	ng	99
72) Anthracene	17.56	178	112612	3.585	ng	98
75) Fluoranthene	19.48	202	794265	20.939	ng	98
78) Pyrene	19.84	202	768290	20.386	ng	100
81) Benzo(a)anthracene	21.69	228	471095	12.736	ng	99
83) Chrysene	21.75	228	439063	12.427	ng	98
86) Indeno(1,2,3-cd)pyrene	28.59	276	256897	5.546	ng	# 91
88) Benzo(b)fluoranthene	23.91	252	597623	15.475	ng	95
89) Benzo(k)fluoranthene	23.96	252	250944m	6.867	ng	
90) Benzo(a)pyrene	24.78	252	454278	12.572	ng	99
92) Benzo(a,h,i)perylene	29.73	276	238776	6.629	ng	97

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

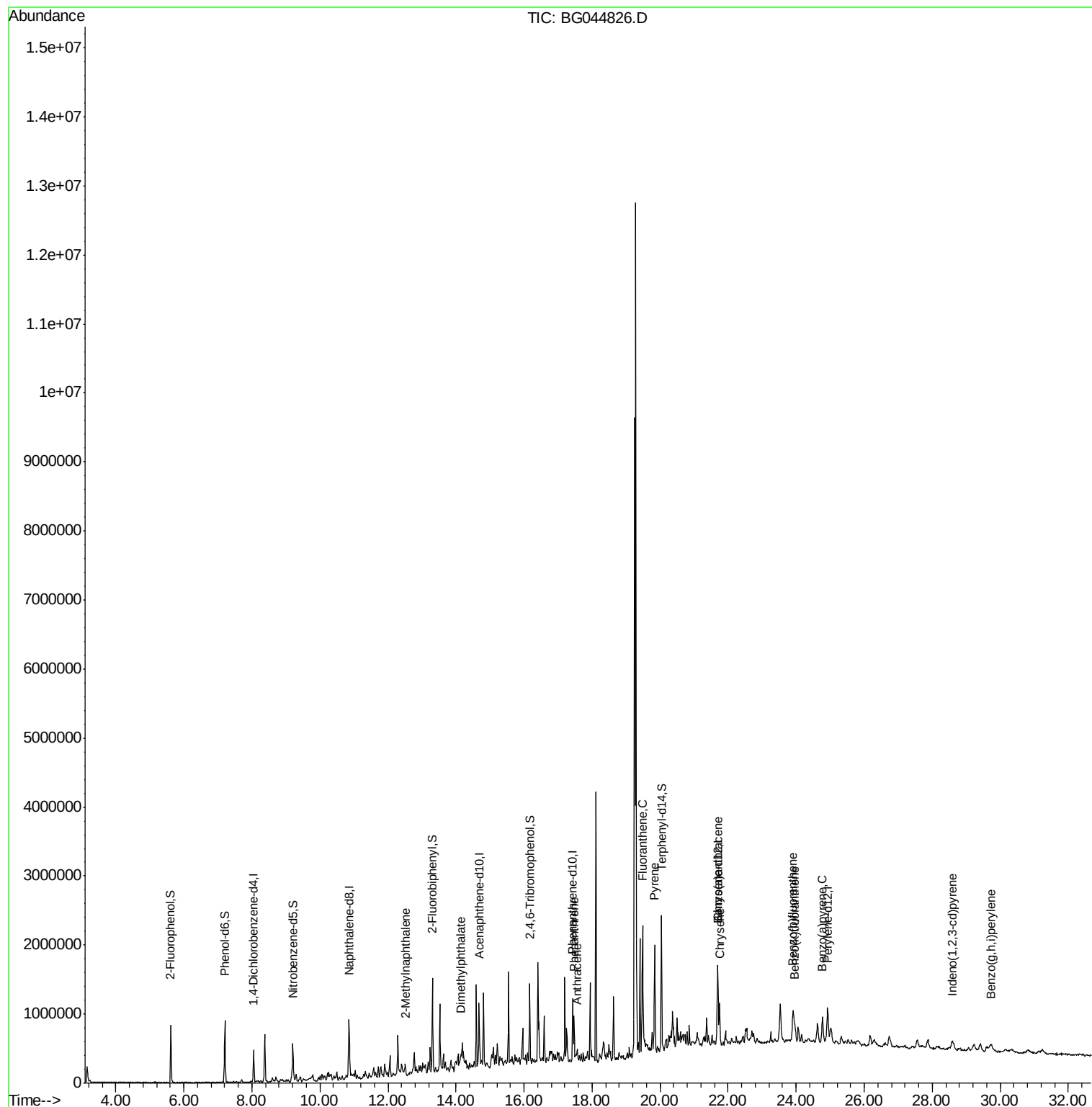
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044826.D
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ALS Vial : 18 Sample Multiplier: 1

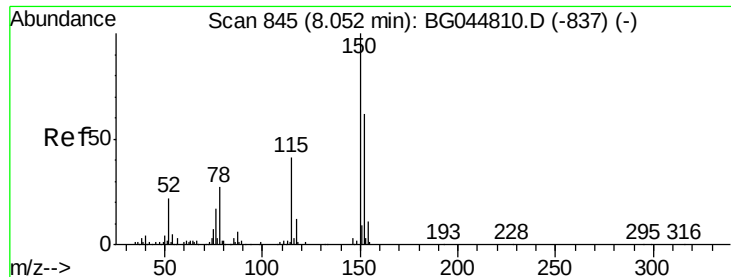
Instrument :
BNA_G
ClientSampleId :
SU-01-031220

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

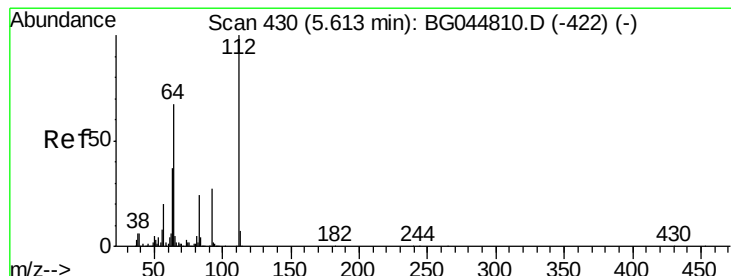
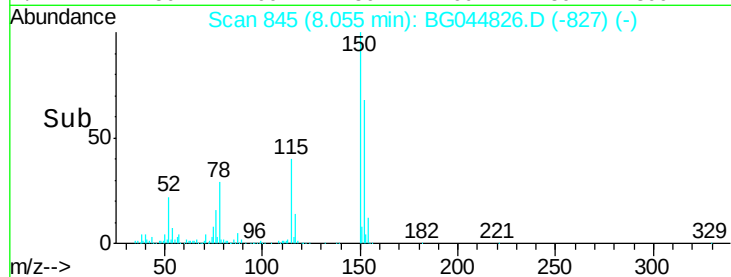
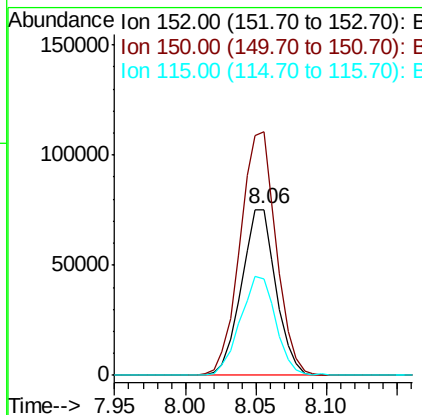
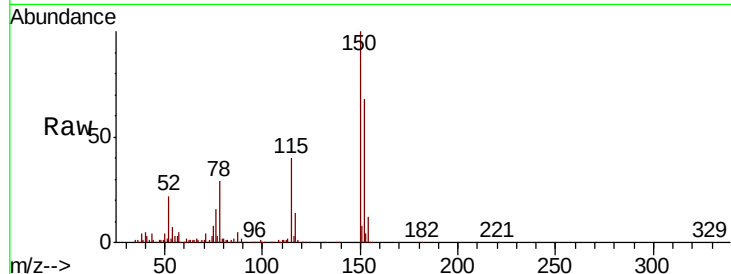
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BG044826.D
 Acq: 16 Mar 2020 23:34

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.9	128.8	193.2
115	58.2	52.6	79.0

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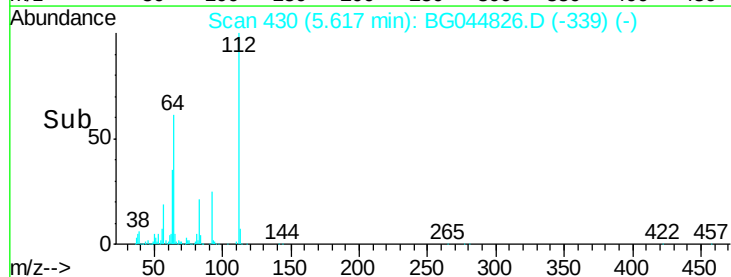
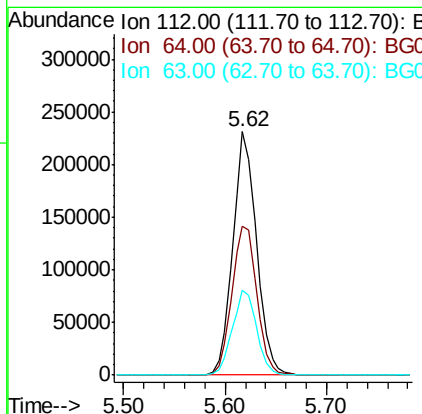
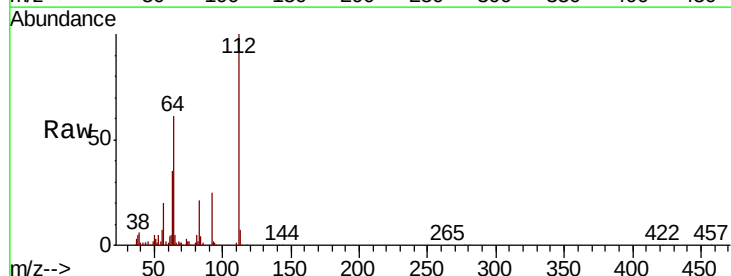
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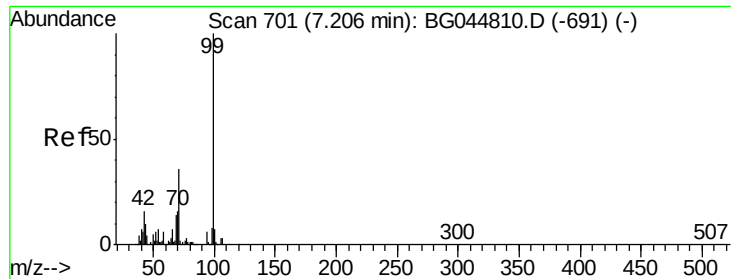


#5

2-Fluorophenol
 Concen: 45.131 ng
 RT: 5.62 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BG044826.D
 Acq: 16 Mar 2020 23:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	53.4	80.2
63	34.8	29.4	44.2





#7

Phenol-d6

Concen: 45.779 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044826.D

Acq: 16 Mar 2020 23:34

Instrument :

BNA_G

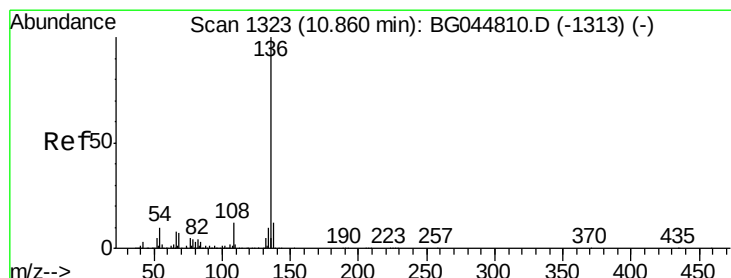
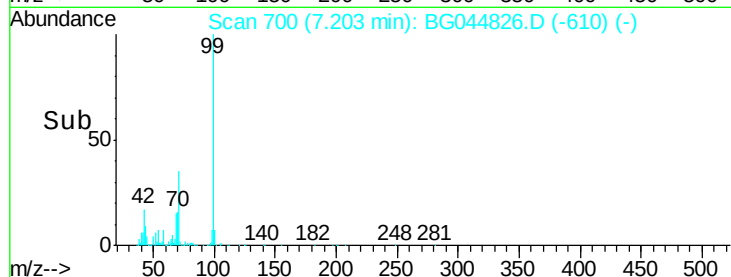
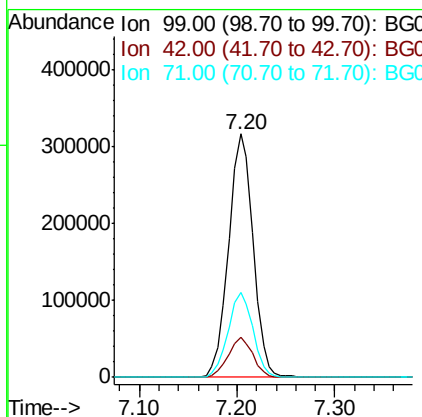
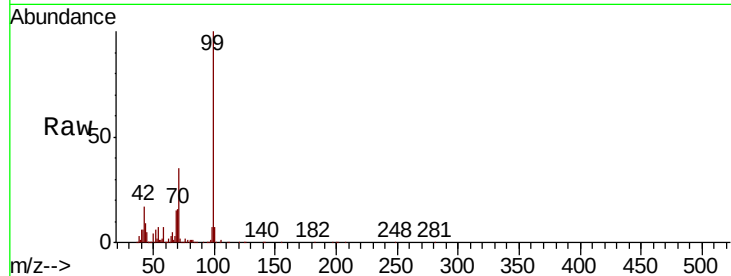
ClientSampleId :

SU-01-031220

Tot Ion:	99	Resp:	551540
Ion Ratio	Lower	Upper	
99	100		
42	16.7	12.6	19.0
71	34.9	29.0	43.4

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#21

Naphthalene-d8

Concen: 20.000 ng

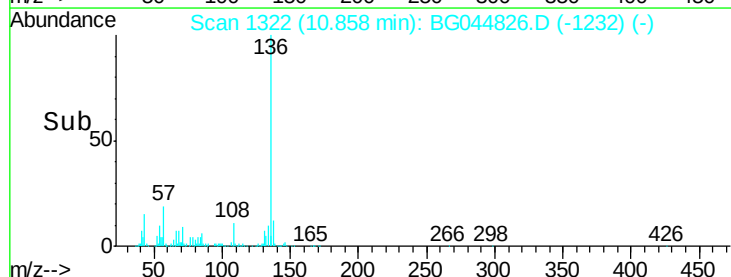
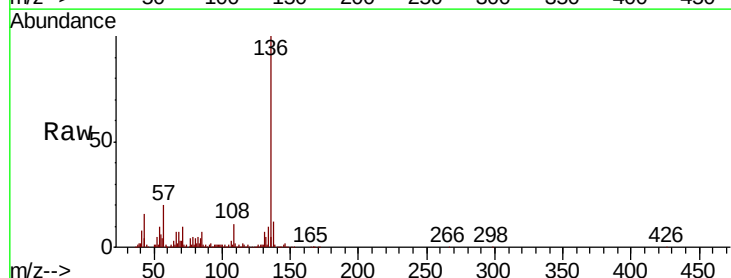
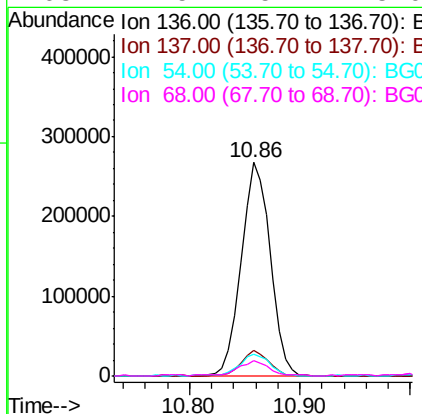
RT: 10.86 min Scan# 1322

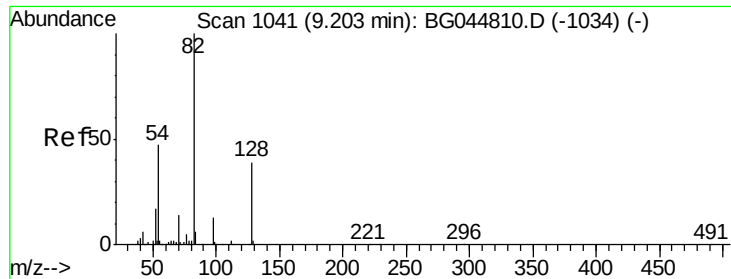
Delta R.T. -0.00 min

Lab File: BG044826.D

Acq: 16 Mar 2020 23:34

Tgt Ion:	136	Resp:	493993
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.8	14.6
54	9.9	7.9	11.9
68	7.5	5.4	8.0





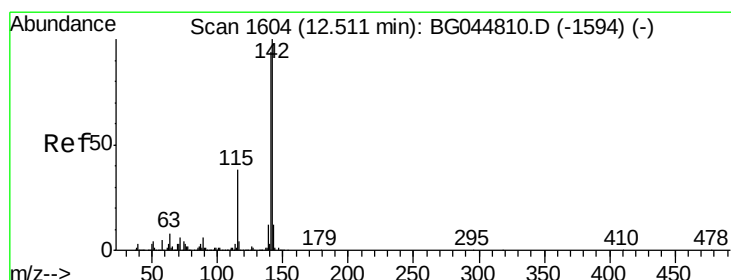
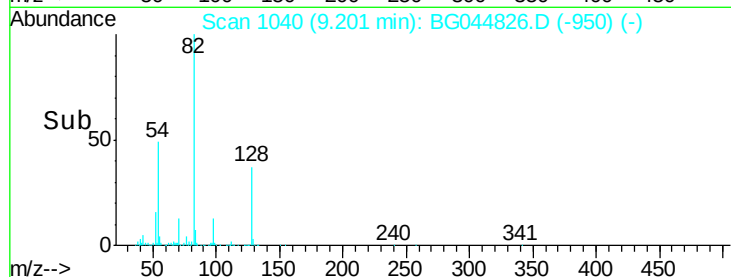
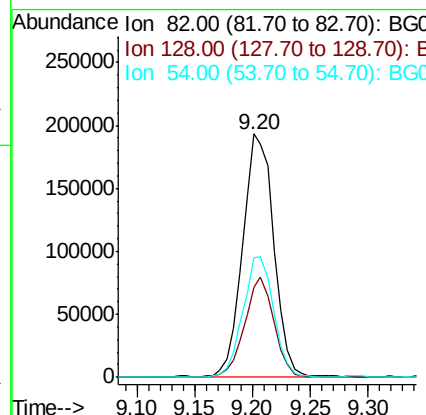
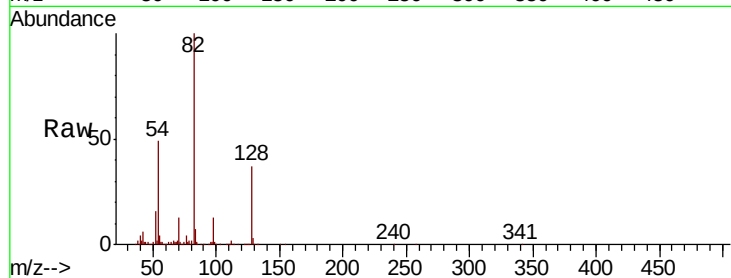
#23
 Nitrobenzene-d5
 Concen: 31.897 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044826.D
 Acq: 16 Mar 2020 23:34

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.0	30.6	46.0
54	48.9	37.1	55.7

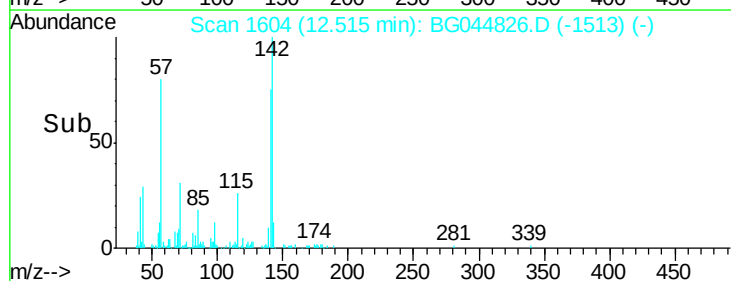
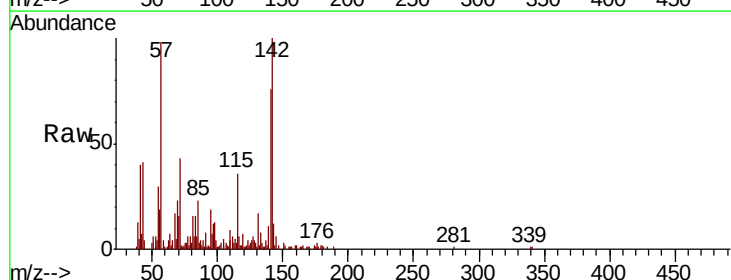
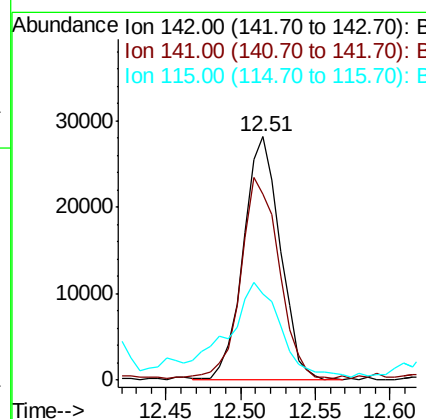
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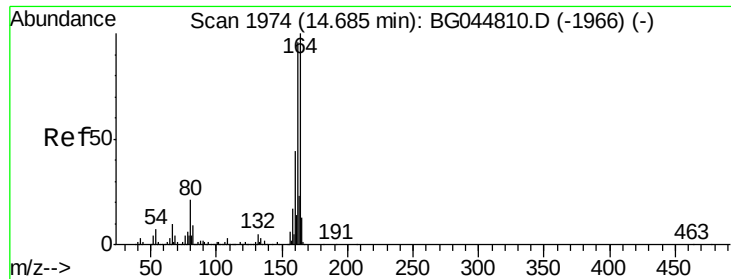
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#37
 2-Methylnaphthalene
 Concen: 2.348 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BG044826.D
 Acq: 16 Mar 2020 23:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	76.3	75.1	112.7
115	35.6	30.6	46.0





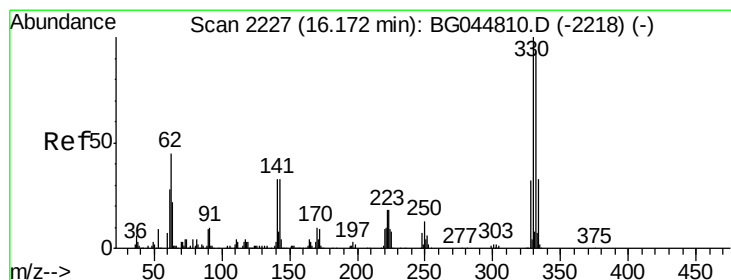
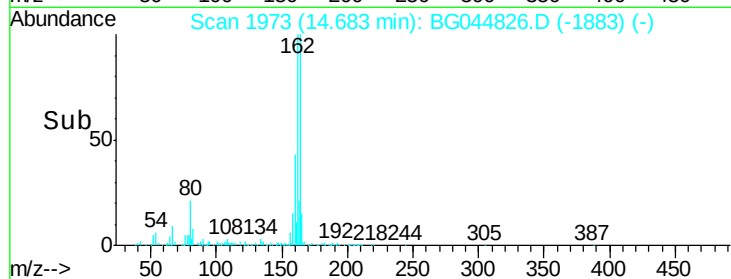
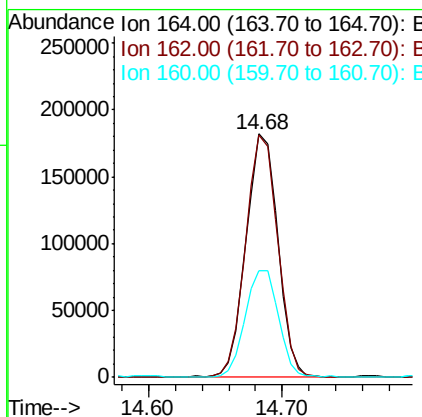
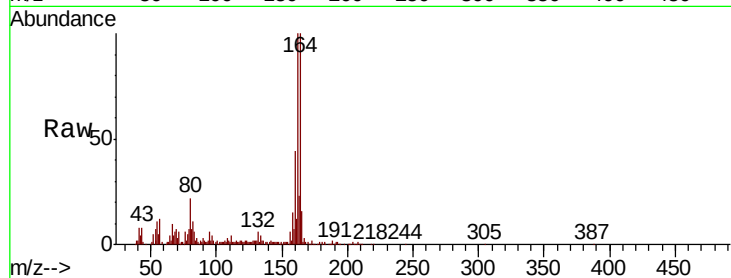
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG044826.D
Acq: 16 Mar 2020 23:34

Instrument :
BNA_G
ClientSampleId :
SU-01-031220

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	76.7	115.1
160	43.7	35.0	52.4

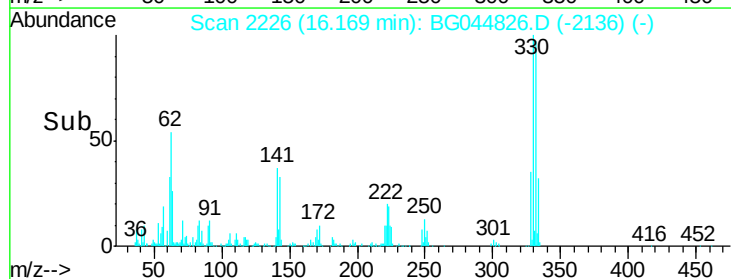
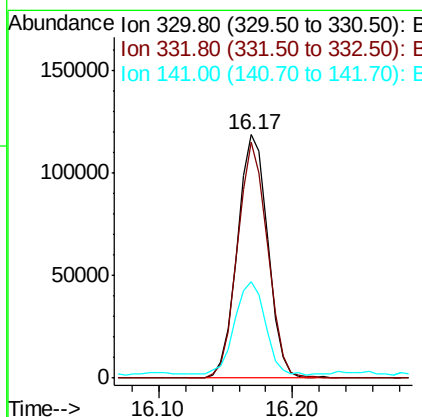
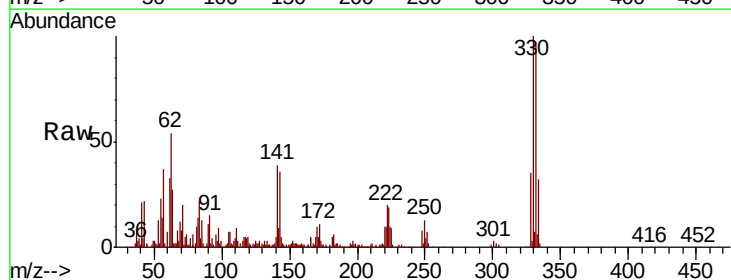
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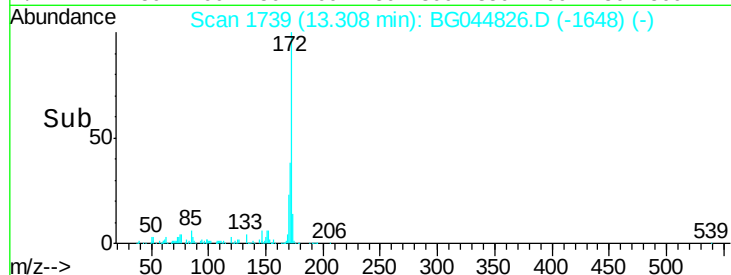
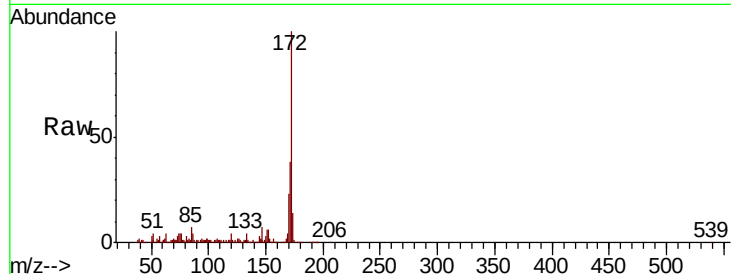
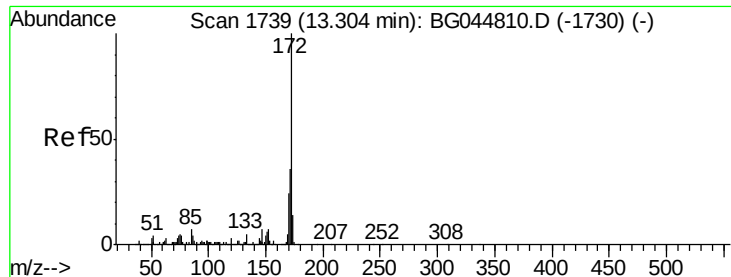
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#42
2,4,6-Tribromophenol
Concen: 47.949 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG044826.D
Acq: 16 Mar 2020 23:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.8	116.6
141	37.8	29.5	44.3





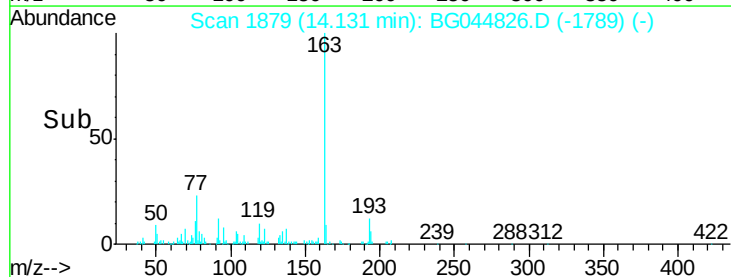
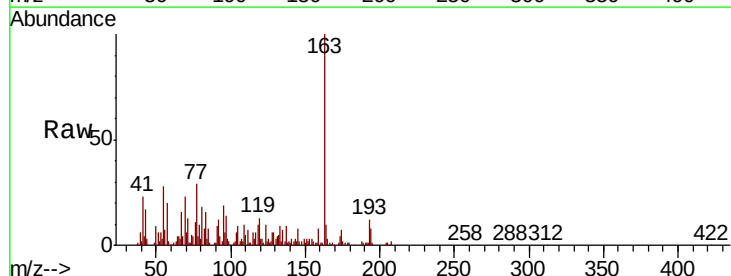
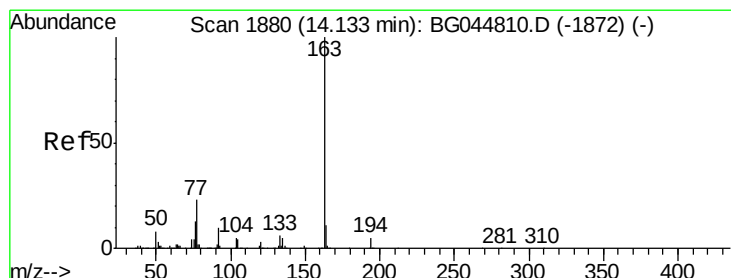
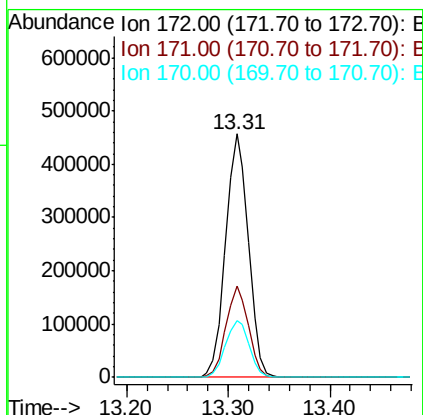
#45
2-Fluorobiphenyl
Concen: 34.185 ng
RT: 13.31 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG044826.D
Acq: 16 Mar 2020 23:34

Instrument :
BNA_G
ClientSampleId :
SU-01-031220

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.7	43.1
170	23.1	19.0	28.6

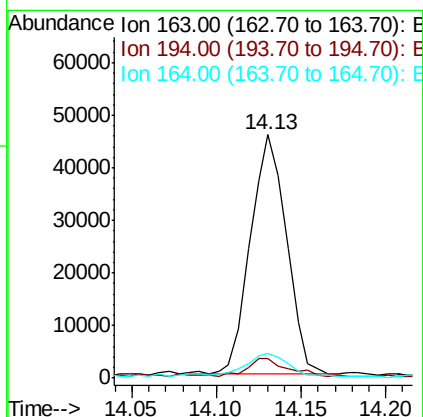
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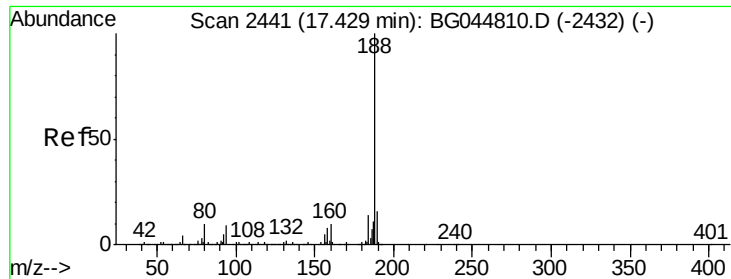
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#50
Dimethylphthalate
Concen: 2.862 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG044826.D
Acq: 16 Mar 2020 23:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	7.8	3.7	5.5#
164	10.0	9.1	13.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BG044826.D

Acq: 16 Mar 2020 23:34

Instrument :

BNA_G

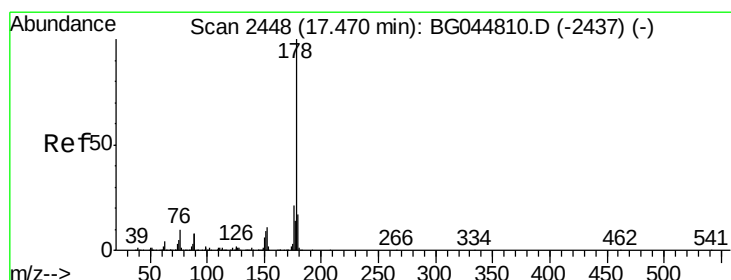
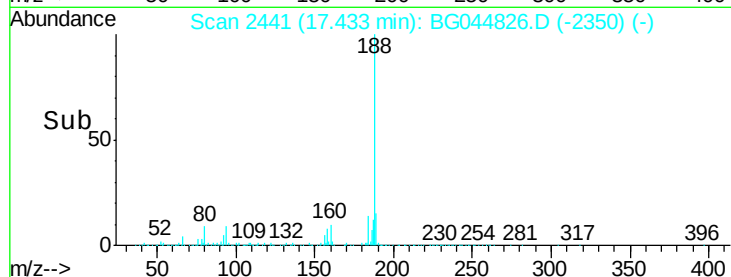
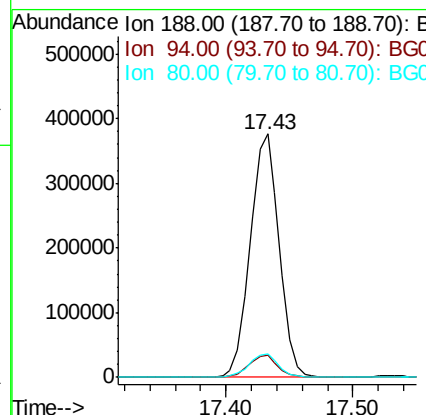
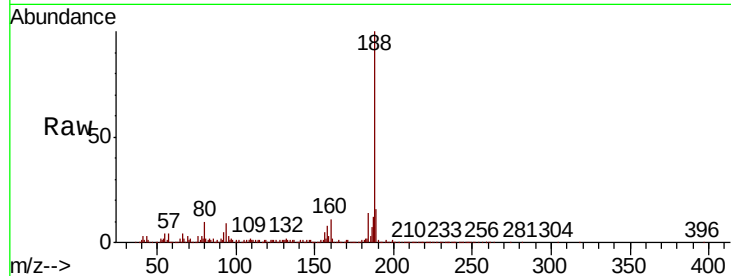
ClientSampleId :

SU-01-031220

Tot Ion	Ratio	Resp	Lower	Upper
188	100	596163		
94	8.9	7.3	10.9	
80	9.7	8.0	12.0	

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#71

Phenanthrene

Concen: 12.747 ng

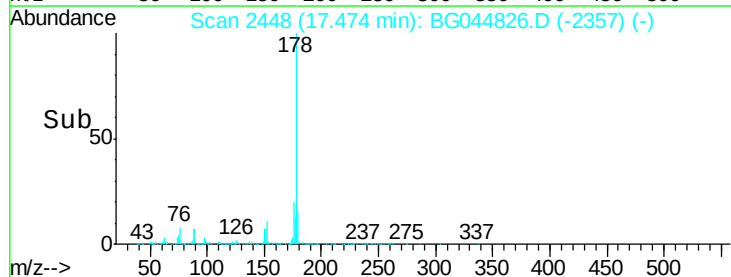
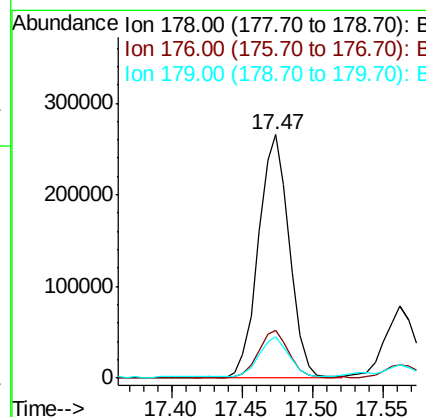
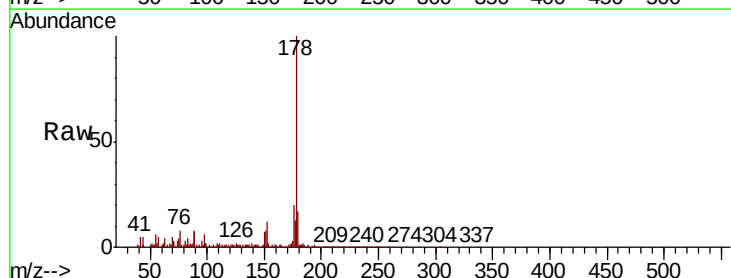
RT: 17.47 min Scan# 2448

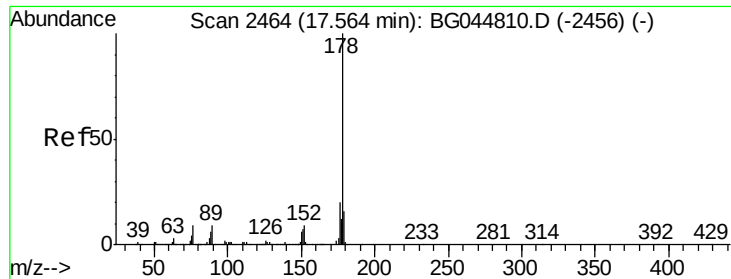
Delta R.T. 0.00 min

Lab File: BG044826.D

Acq: 16 Mar 2020 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	406088		
176	19.6	16.6	24.8	
179	17.0	13.5	20.3	





#72

Anthracene

Concen: 3.585 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.00 min

Lab File: BG044826.D

Acq: 16 Mar 2020 23:34

Instrument :

BNA_G

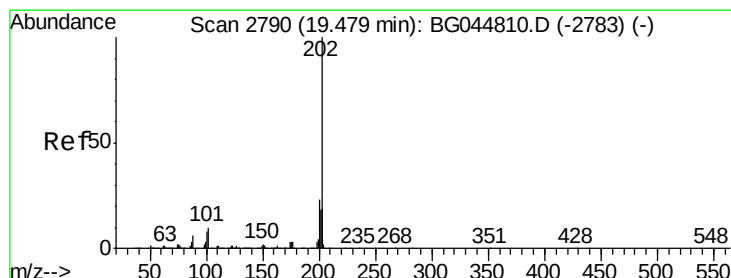
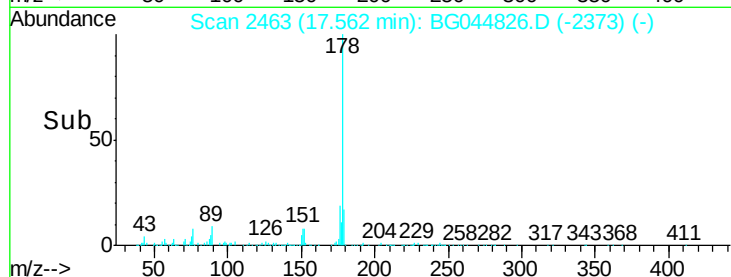
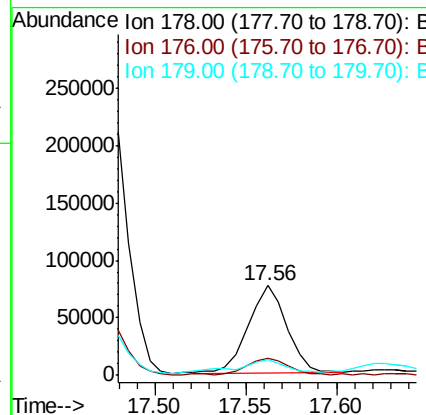
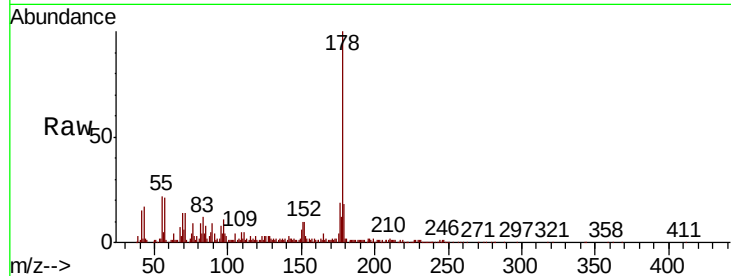
ClientSampleId :

SU-01-031220

Tot Ion:	178	Resp:	112612
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.9	23.9
179	17.9	13.2	19.8

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#75

Fluoranthene

Concen: 20.939 ng

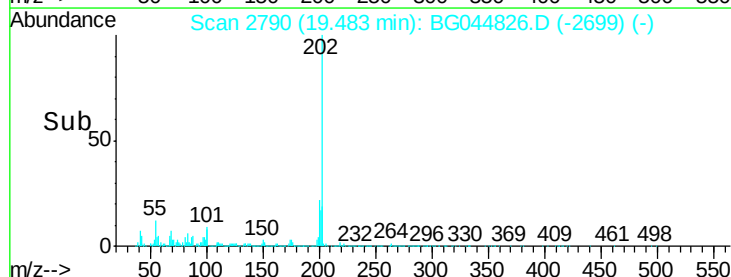
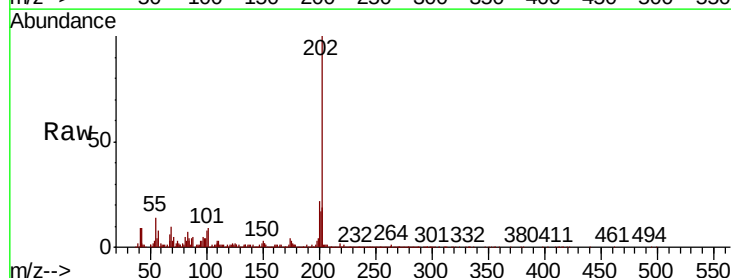
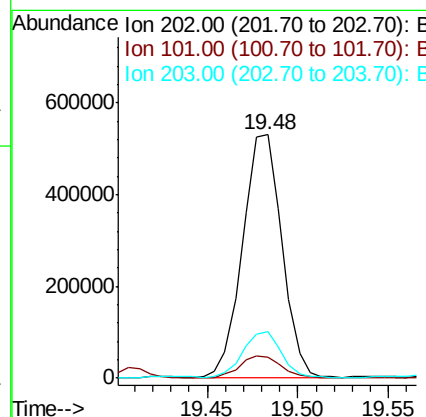
RT: 19.48 min Scan# 2790

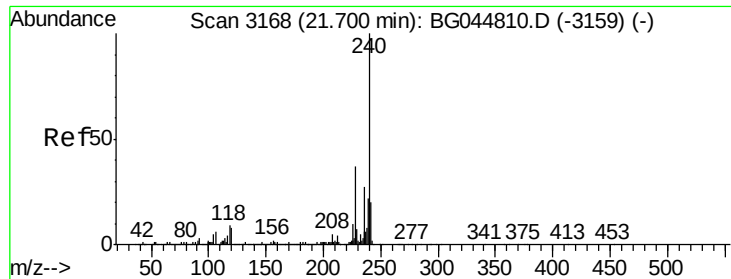
Delta R.T. 0.00 min

Lab File: BG044826.D

Acq: 16 Mar 2020 23:34

Tgt Ion:	202	Resp:	794265
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	29.8
203	19.1	0.0	39.4





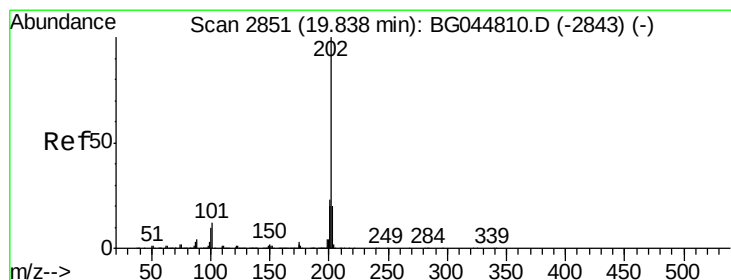
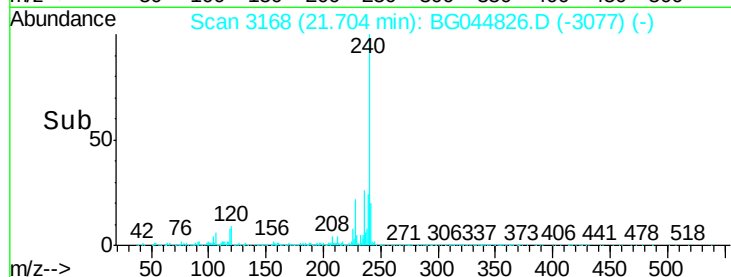
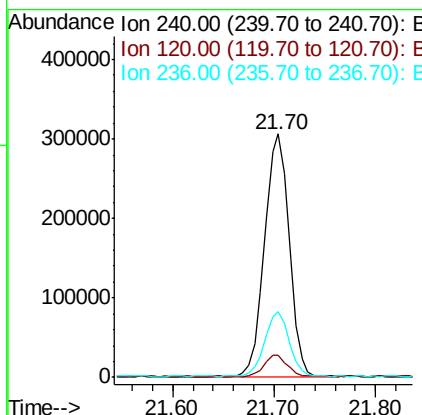
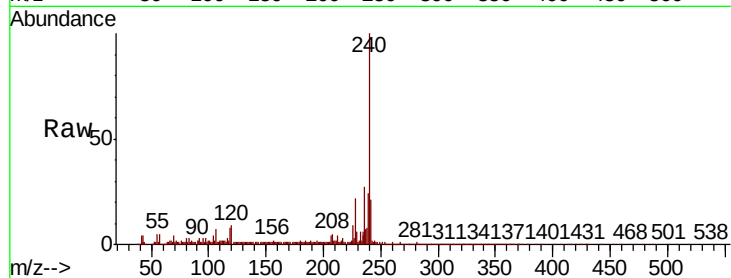
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG044826.D
Acq: 16 Mar 2020 23:34

Instrument :
BNA_G
ClientSampleId :
SU-01-031220

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.7	10.1
236	27.0	21.5	32.3

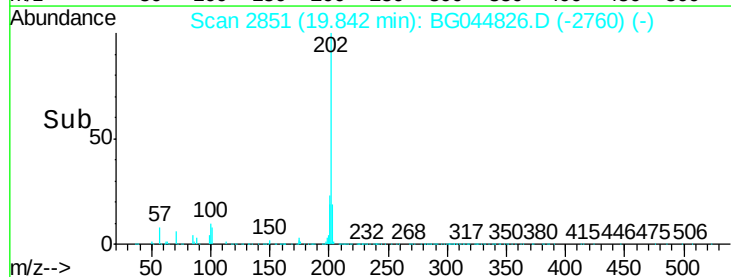
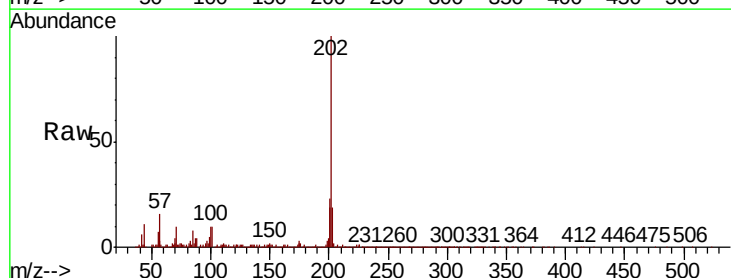
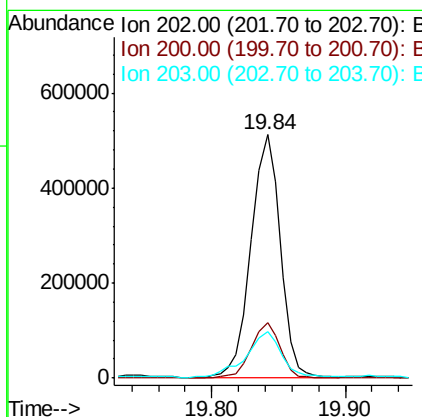
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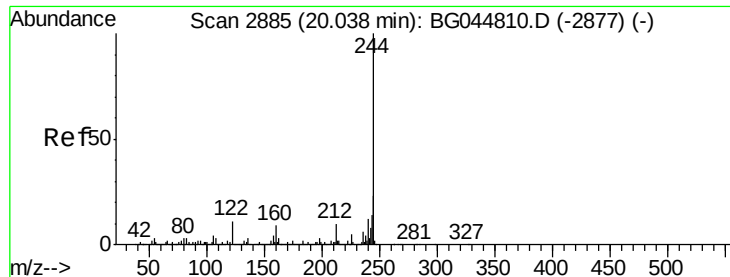
mohammad
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#78
Pyrene
Concen: 20.386 ng
RT: 19.84 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG044826.D
Acq: 16 Mar 2020 23:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.3	27.5
203	19.3	15.6	23.4





#79

Terphenyl-d14

Concen: 33.218 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BG044826.D

Acq: 16 Mar 2020 23:34

Instrument :

BNA_G

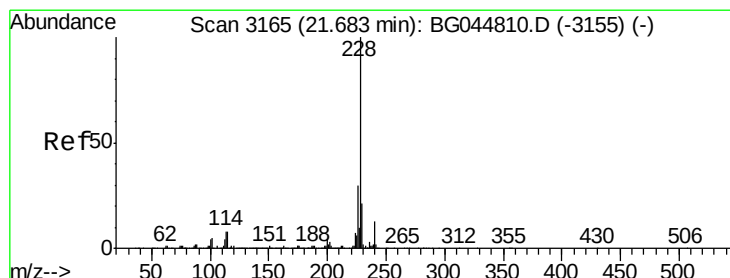
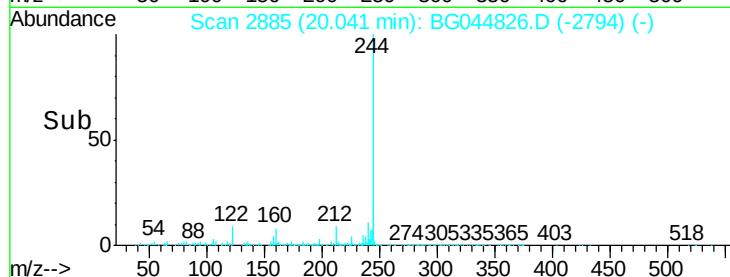
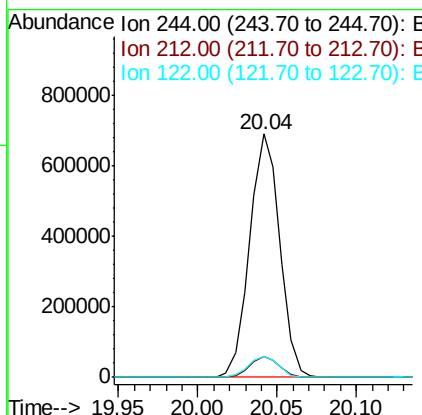
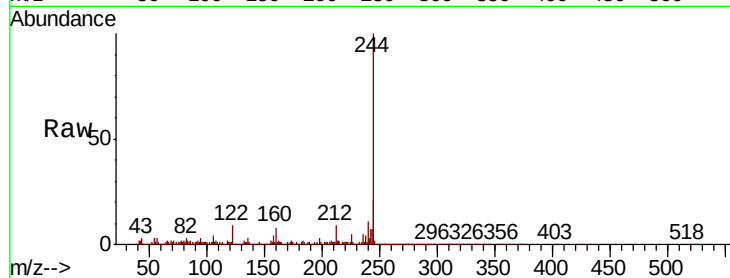
ClientSampleId :

SU-01-031220

Tot Ion:	244	Resp:	912218
Ion Ratio	Lower	Upper	
244	100		
212	8.6	7.7	11.5
122	8.8	8.6	12.8

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#81

Benzo(a)anthracene

Concen: 12.736 ng

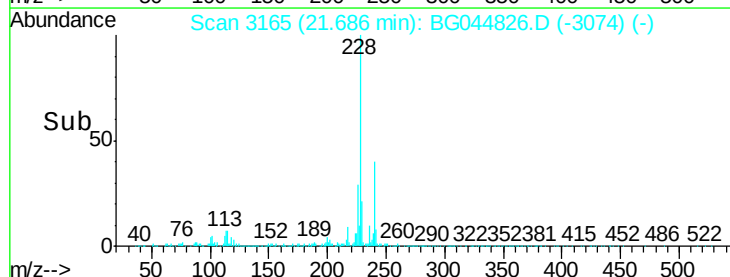
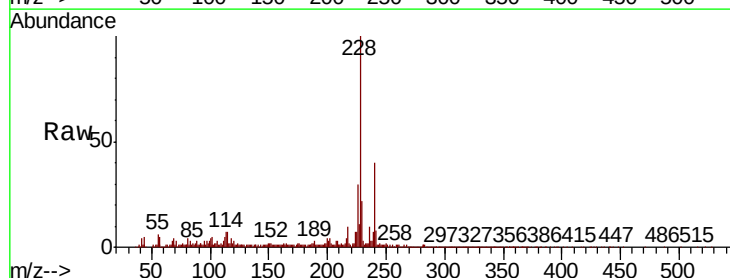
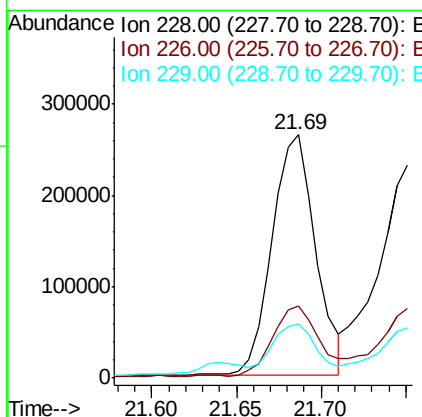
RT: 21.69 min Scan# 3165

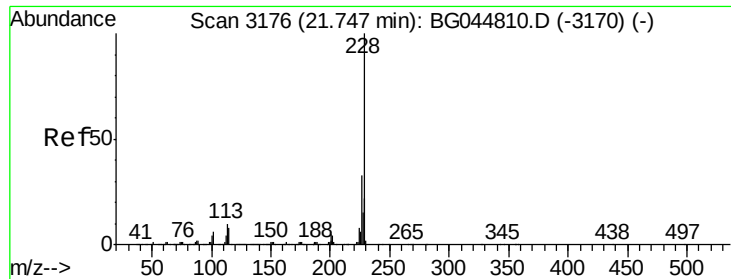
Delta R.T. 0.00 min

Lab File: BG044826.D

Acq: 16 Mar 2020 23:34

Tgt Ion:	228	Resp:	471095
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.6	35.4
229	22.0	17.1	25.7





#83

Chrysene

Concen: 12.427 ng

RT: 21.75 min Scan# 3176

Delta R.T. 0.00 min

Lab File: BG044826.D

Acq: 16 Mar 2020 23:34

Instrument :

BNA_G

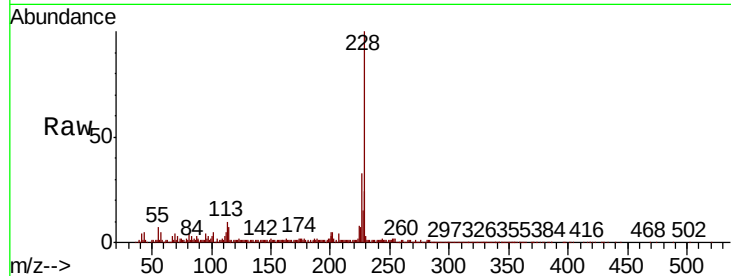
ClientSampleId :

SU-01-031220

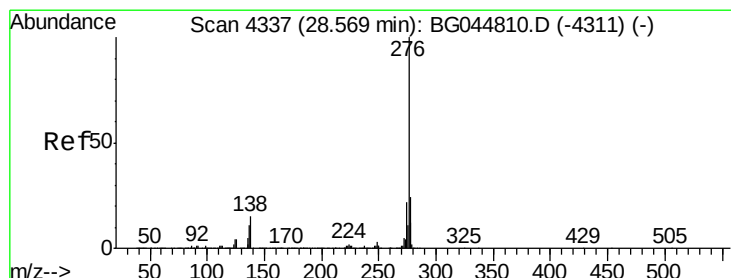
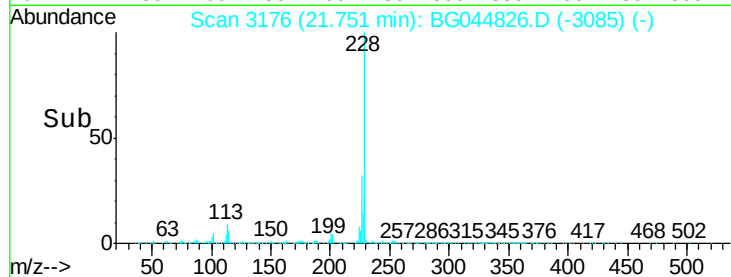
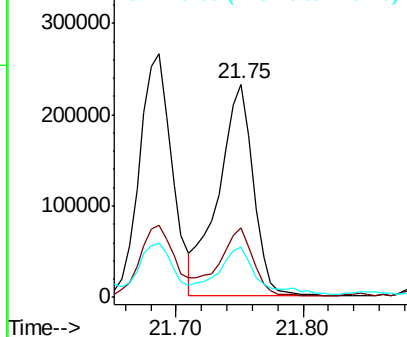
Tot Ion:	228	Resp:	439063
Ion Ratio	Lower	Upper	
228	100		
226	32.8	25.9	38.9
229	23.5	17.4	26.0

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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



#86

Indeno(1,2,3-cd)pyrene

Concen: 5.546 ng

RT: 28.59 min Scan# 4340

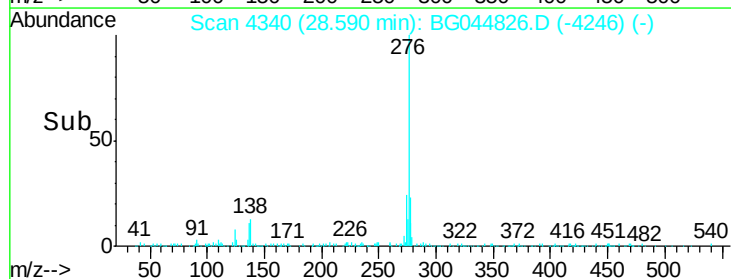
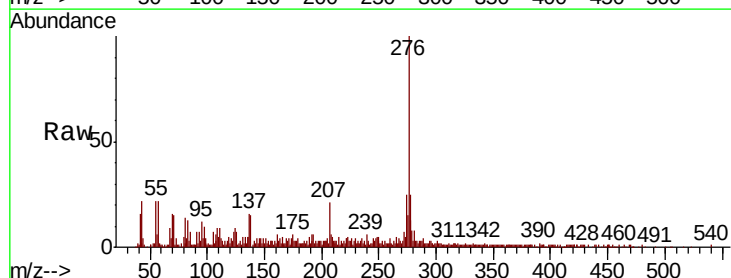
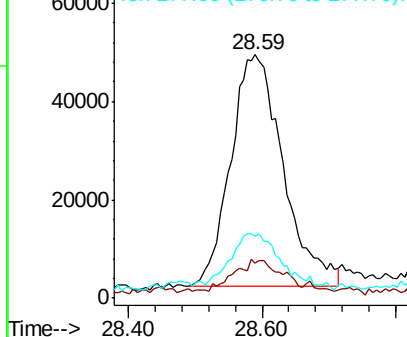
Delta R.T. 0.02 min

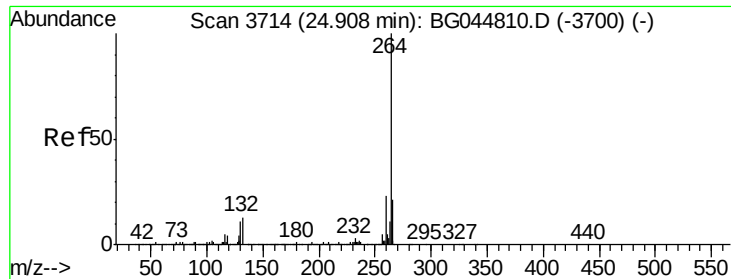
Lab File: BG044826.D

Acq: 16 Mar 2020 23:34

Tgt Ion:	276	Resp:	256897
Ion Ratio	Lower	Upper	
276	100		
138	13.5	7.4	11.0#
277	22.0	20.8	31.2

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





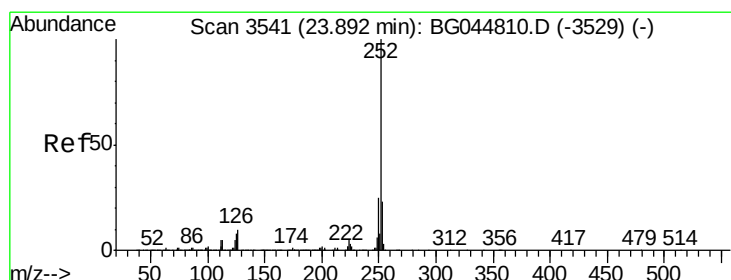
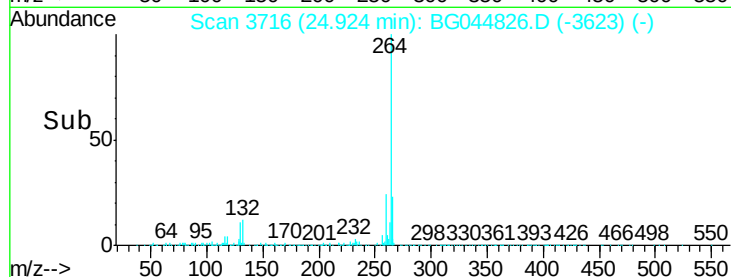
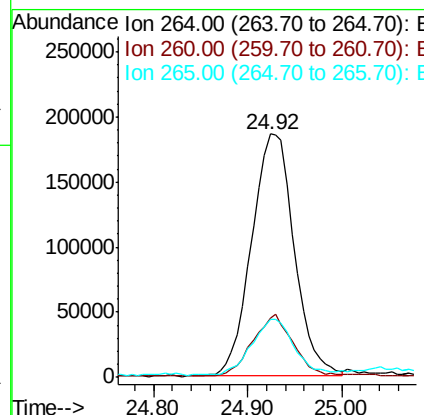
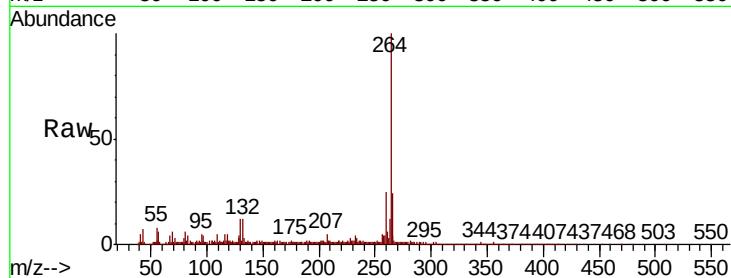
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. 0.02 min
Lab File: BG044826.D
Acq: 16 Mar 2020 23:34

Instrument :
BNA_G
ClientSampleId :
SU-01-031220

Tot Ion:	264	Resp:	584962
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.1	27.1
265	23.9	17.1	25.7

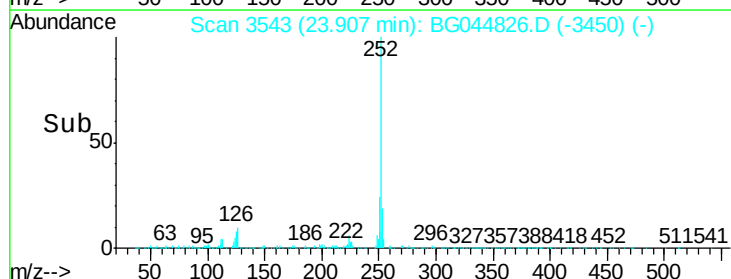
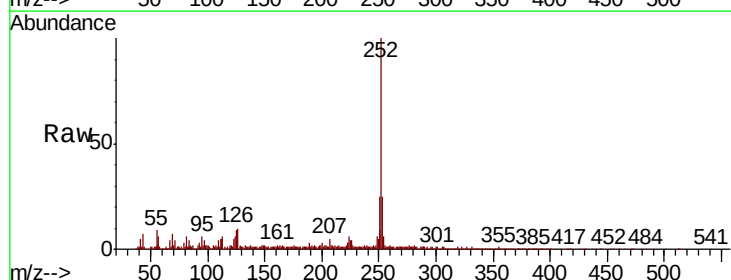
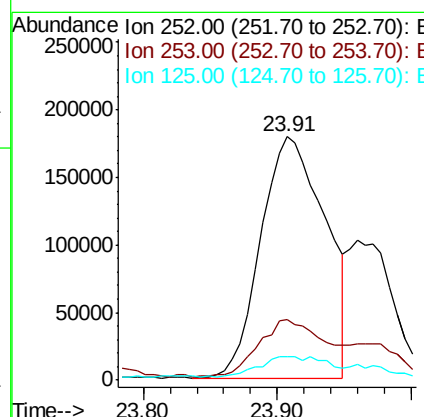
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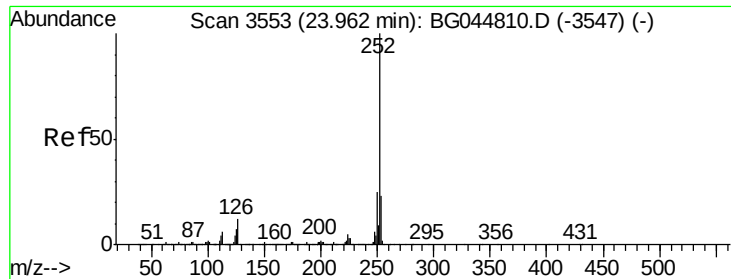
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#88
Benzo(b)fluoranthene
Concen: 15.475 ng
RT: 23.91 min Scan# 3543
Delta R.T. 0.02 min
Lab File: BG044826.D
Acq: 16 Mar 2020 23:34

Tgt Ion:	252	Resp:	597623
Ion Ratio	Lower	Upper	
252	100		
253	25.1	18.1	27.1
125	9.4	6.6	9.8





#89

Benzo(k)fluoranthene

Concen: 6.867 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BG044826.D

Acq: 16 Mar 2020 23:34

Instrument :

BNA_G

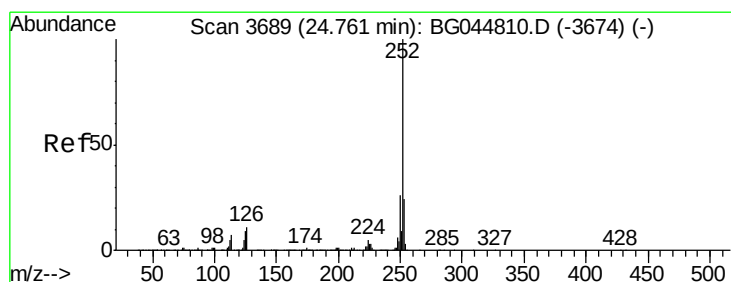
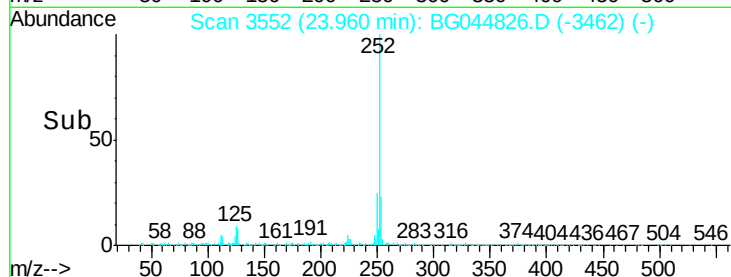
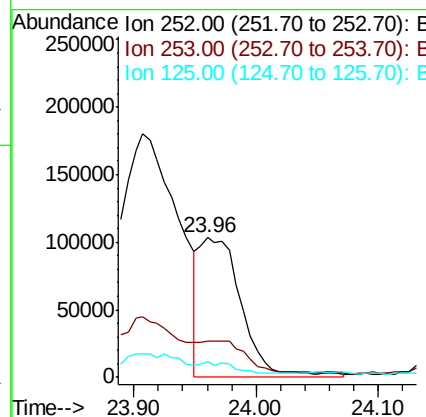
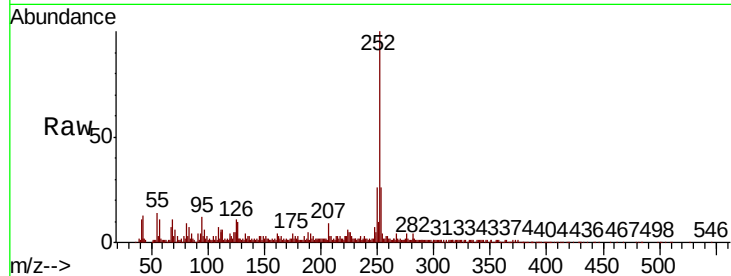
ClientSampleId :

SU-01-031220

Tot Ion:	252	Resp:	250944
Ion Ratio	Lower	Upper	
252	100		
253	26.0	18.5	27.7
125	11.0	6.2	9.2#

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#90

Benzo(a)pyrene

Concen: 12.572 ng

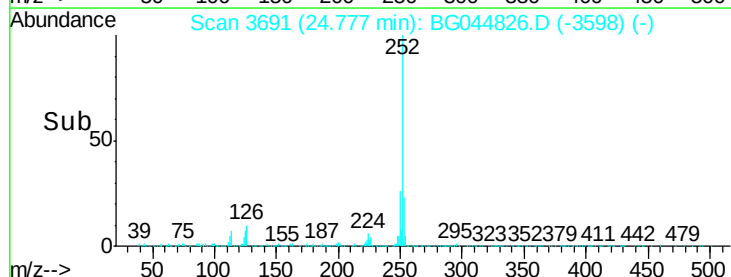
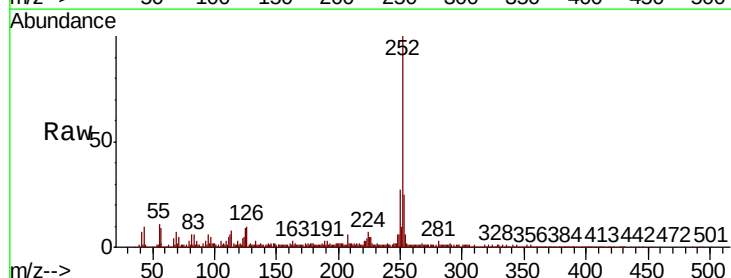
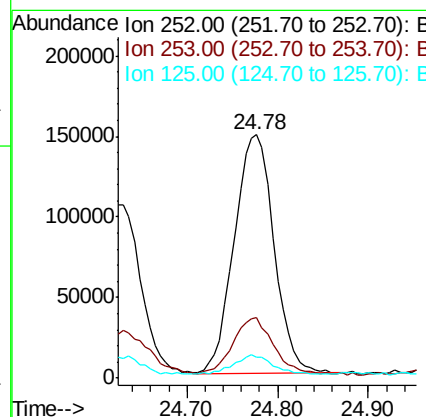
RT: 24.78 min Scan# 3691

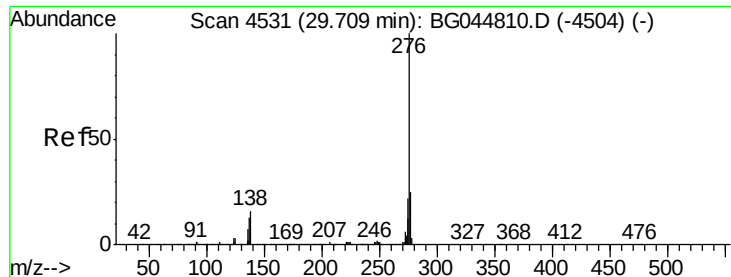
Delta R.T. 0.02 min

Lab File: BG044826.D

Acq: 16 Mar 2020 23:34

Tgt Ion:	252	Resp:	454278
Ion Ratio	Lower	Upper	
252	100		
253	24.7	19.4	29.0
125	8.7	7.2	10.8





#92

Benzo(a,h,i)perylene

Concen: 6.629 ng

RT: 29.73 min Scan# 4534

Delta R.T. 0.02 min

Lab File: BG044826.D

Acq: 16 Mar 2020 23:34

Instrument :

BNA_G

ClientSampleId :

SU-01-031220

Tot Ion:	276	Resp:	238776
Ion Ratio	Lower	Upper	
276	100		
277	24.3	20.1	30.1
138	13.6	13.0	19.6

Manual Integrations
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