

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045754.D
 Acq On : 13 Jun 2020 00:05
 Operator : CG/JU
 Sample : L2979-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 15-SP

Manual Integrations
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Quant Time: Jun 13 01:01:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	62354	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	254065	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	169034	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	355050	20.00	ng	0.00
76) Chrysene-d12	21.60	240	293284	20.00	ng	0.00
87) Perylene-d12	24.75	264	321394	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	369980	115.96	ng	0.04
7) Phenol-d6	7.21	99	560634	123.46	ng	0.07
23) Nitrobenzene-d5	9.11	82	364035	78.14	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	239265	110.68	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	831591	83.45	ng	0.00
79) Terphenyl-d14	19.96	244	1041342	82.81	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.09	77	15208	5.140	ng	91
50) Dimethylphthalate	14.05	163	52914	4.563	ng	100
71) Phenanthrene	17.38	178	67713	4.369	ng	97
75) Fluoranthene	19.40	202	89644	4.547	ng	91
78) Pyrene	19.76	202	79234	4.739	ng	95
81) Benzo(a)anthracene	21.58	228	35343m	2.163	ng	
83) Chrysene	21.65	228	44671	2.844	ng	98
86) Indeno(1,2,3-cd)pyrene	28.32	276	41854	2.037	ng	# 70
88) Benzo(b)fluoranthene	23.76	252	61554	3.571	ng	# 93
90) Benzo(a)pyrene	24.60	252	40400	2.517	ng	# 96
92) Benzo(g,h,i)perylene	29.43	276	38658	2.396	ng	97

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

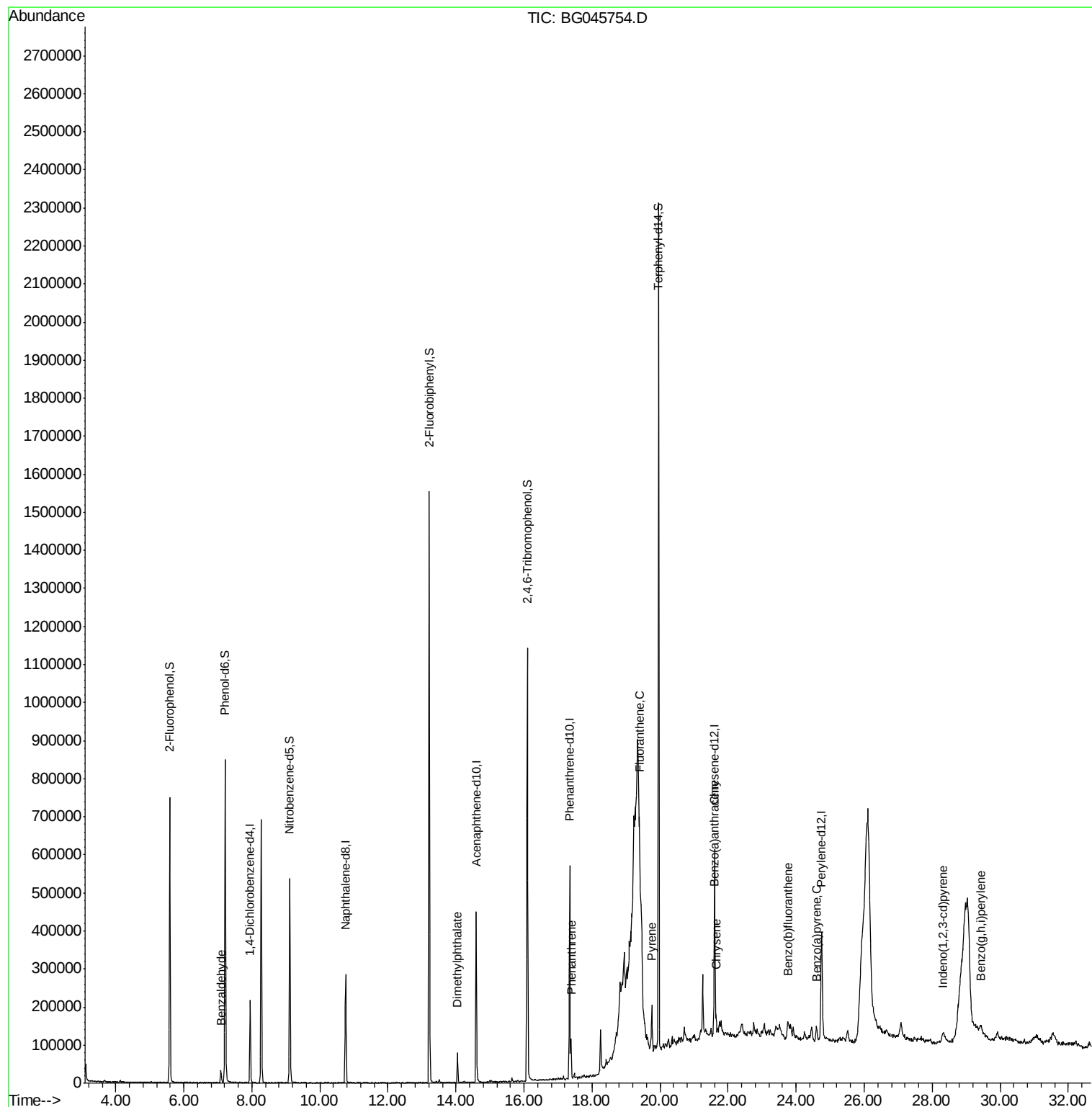
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
Data File : BG045754.D
Acq On : 13 Jun 2020 00:05
Operator : CG/JU
Sample : L2979-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

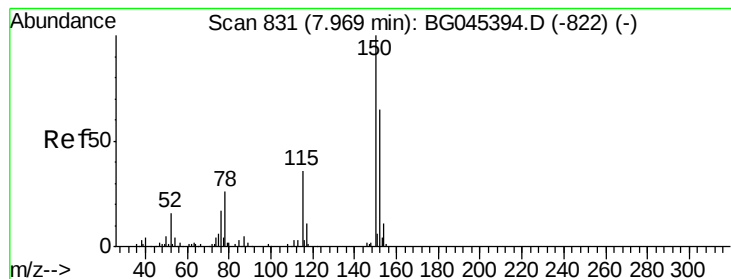
Instrument :
BNA_G
ClientSampled :
15-SP

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Quant Time: Jun 13 01:01:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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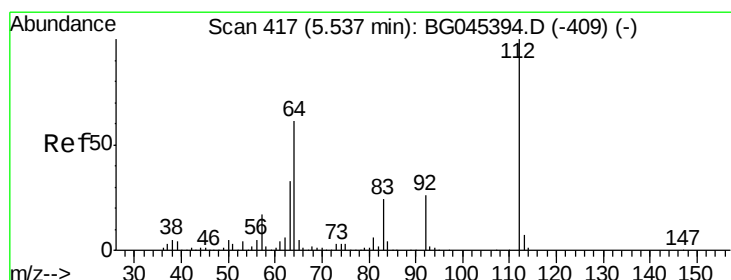
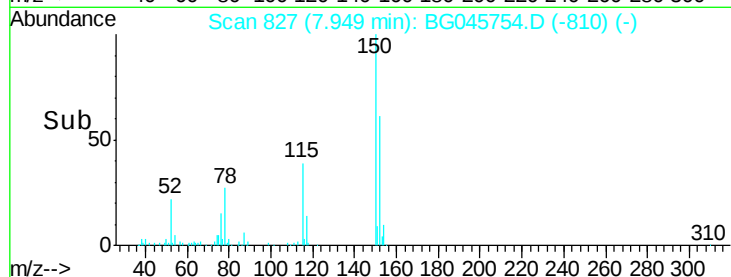
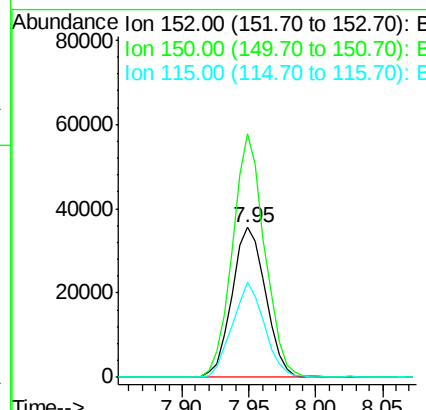
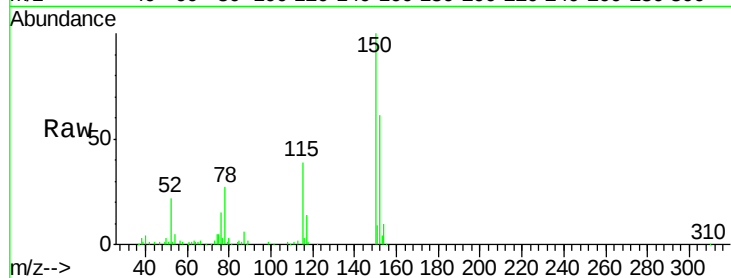
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG045754.D
 Acq: 13 Jun 2020 00:05

Instrument :
 BNA_G
 ClientSampleId :
 15-SP

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.6	122.4	183.6
115	63.3	44.2	66.4

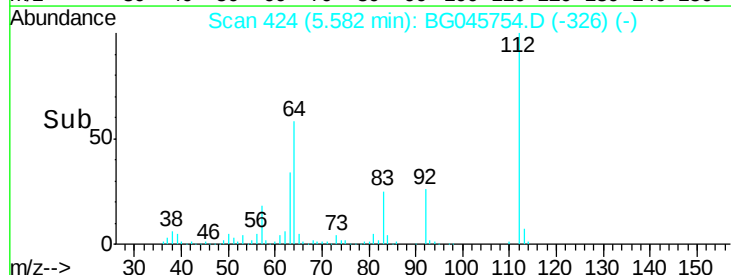
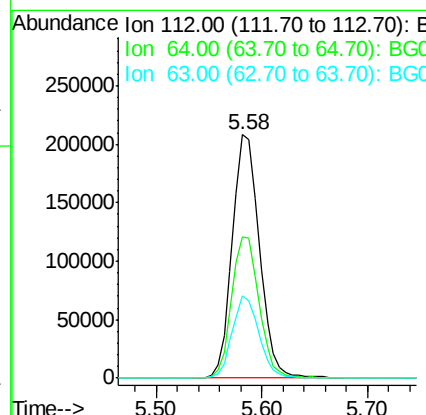
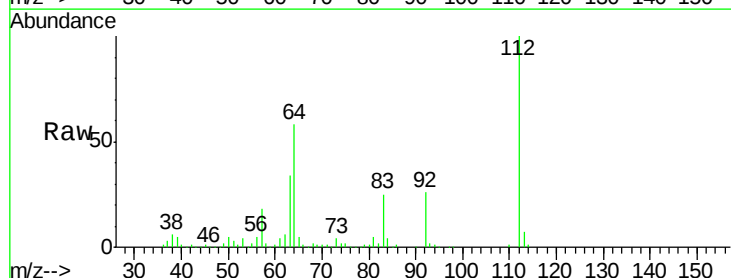
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#5
 2-Fluorophenol
 Concen: 115.959 ng
 RT: 5.58 min Scan# 424
 Delta R.T. 0.04 min
 Lab File: BG045754.D
 Acq: 13 Jun 2020 00:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	48.6	72.8
63	33.6	26.5	39.7





#7

Phenol-d6

Concen: 123.455 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.07 min

Lab File: BG045754.D

Acq: 13 Jun 2020 00:05

Instrument :

BNA_G

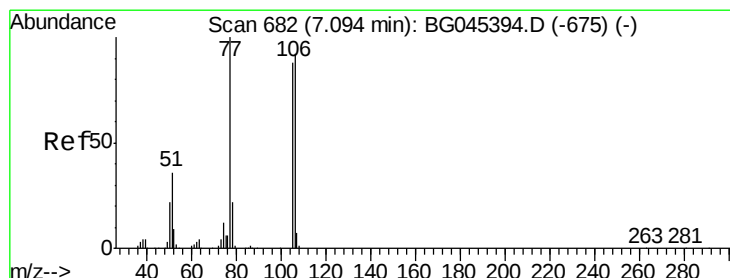
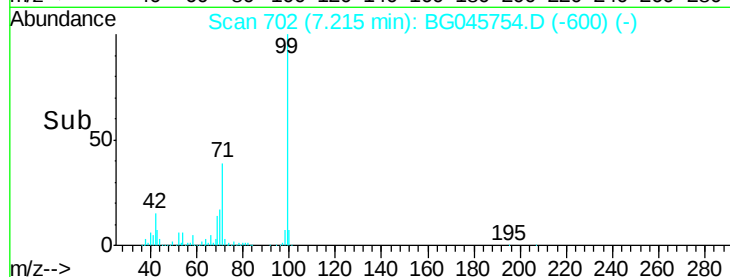
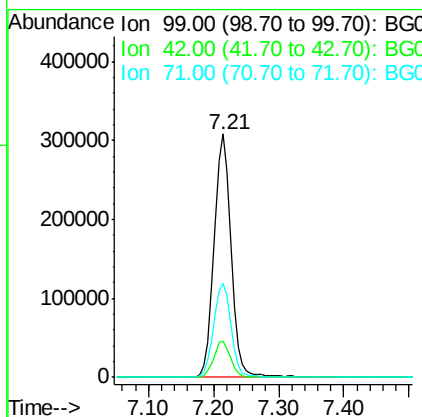
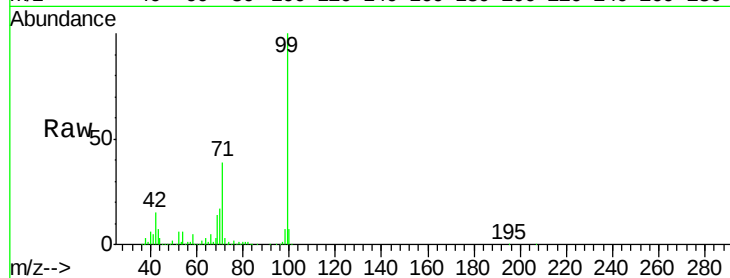
ClientSampleId :

15-SP

Tot Ion:	99	Resp:	560634
Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.3	16.9
71	38.6	30.8	46.2

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#9

Benzaldehyde

Concen: 5.140 ng

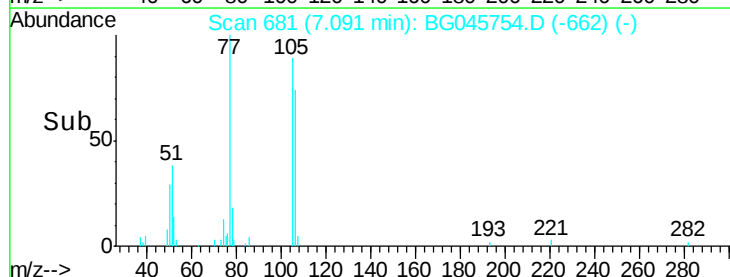
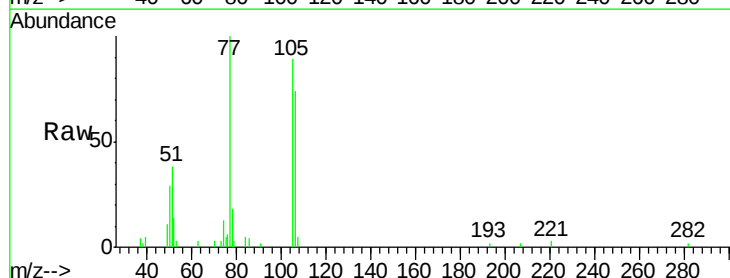
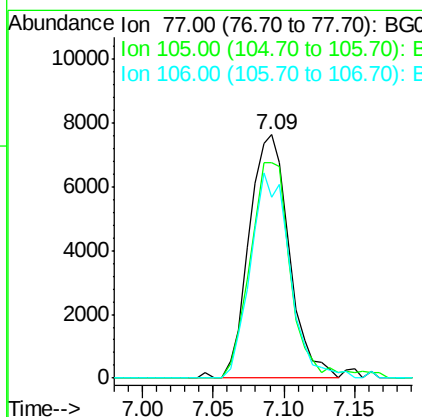
RT: 7.09 min Scan# 681

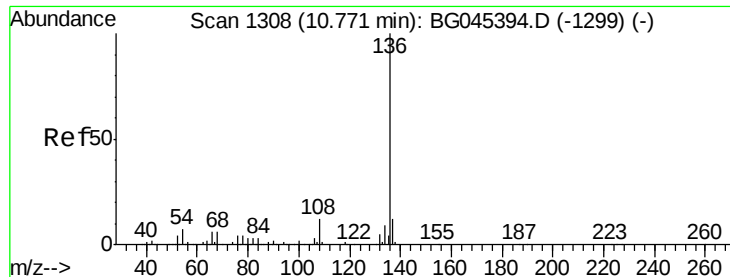
Delta R.T. 0.01 min

Lab File: BG045754.D

Acq: 13 Jun 2020 00:05

Tgt Ion:	77	Resp:	15208
Ion	Ratio	Lower	Upper
77	100		
105	88.7	68.5	108.5
106	74.1	71.6	111.6





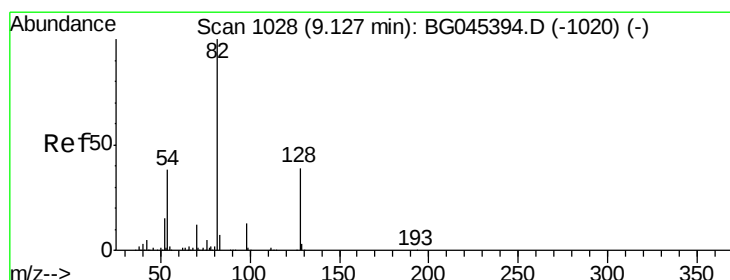
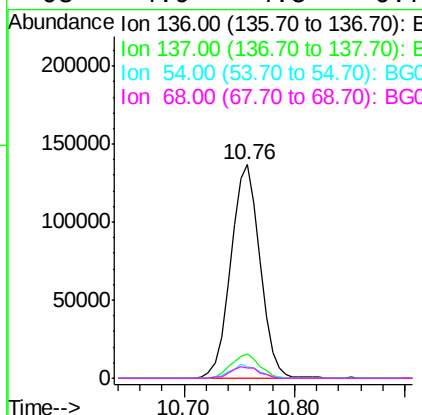
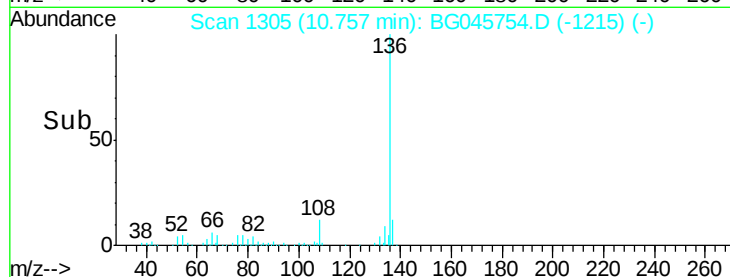
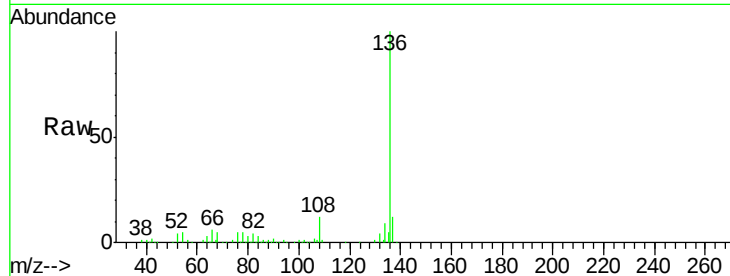
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045754.D
Acq: 13 Jun 2020 00:05

Instrument :
BNA_G
ClientSampleId :
15-SP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.6		9.4	14.2	
54	5.5		5.8	8.6	
68	4.9		4.5	6.7	

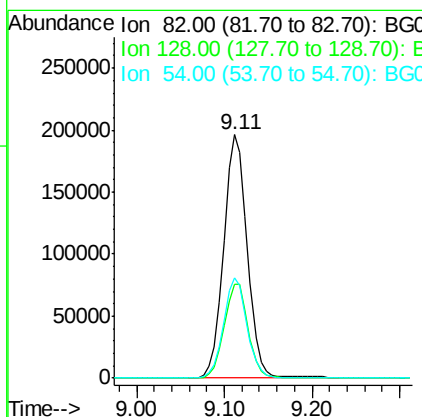
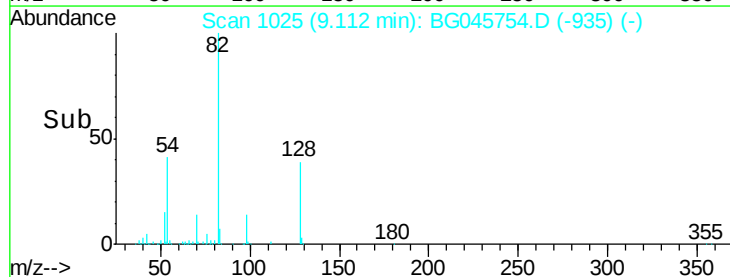
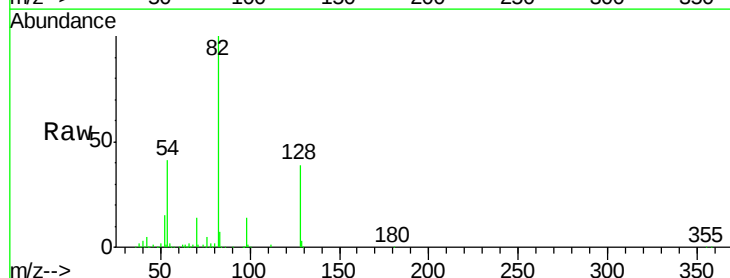
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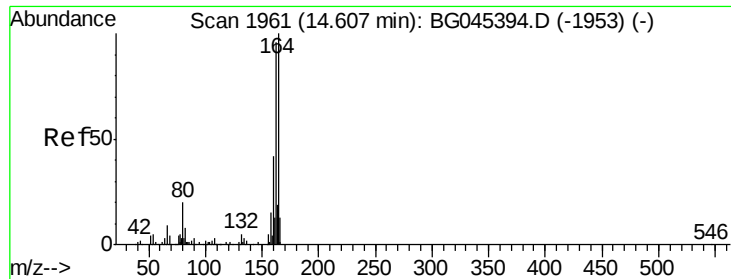
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#23
Nitrobenzene-d5
Concen: 78.135 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045754.D
Acq: 13 Jun 2020 00:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	38.8		30.9	46.3	
54	41.3		30.3	45.5	





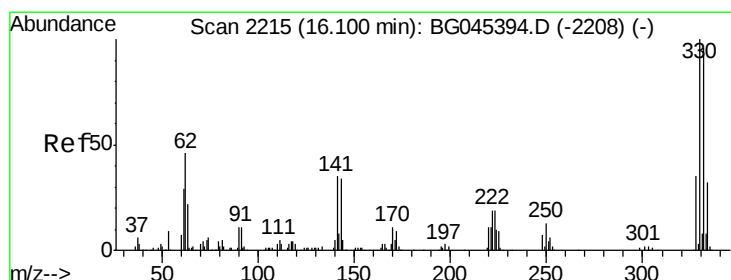
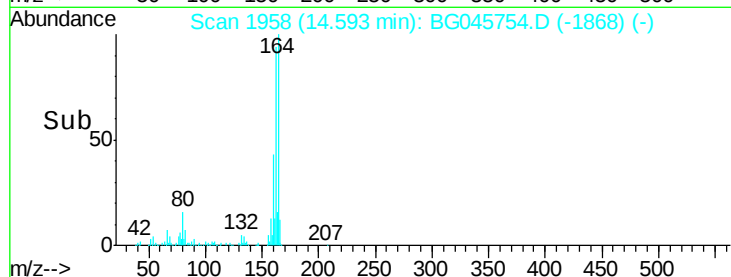
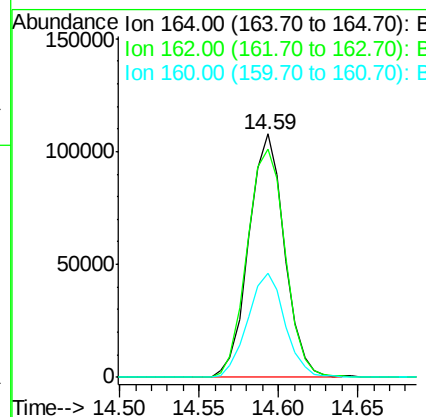
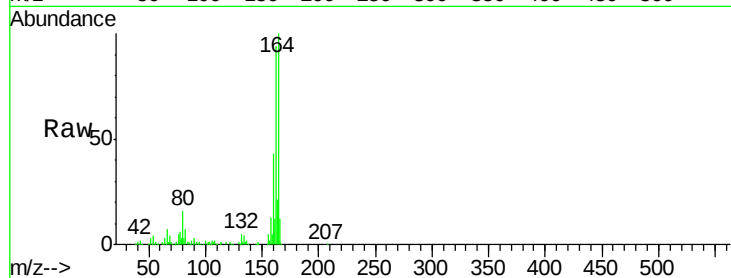
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG045754.D
Acq: 13 Jun 2020 00:05

Instrument :
BNA_G
ClientSampleId :
15-SP

Tot Ion	Ratio	Lower	Upper
164	100		
162	93.8	76.9	115.3
160	42.7	33.8	50.8

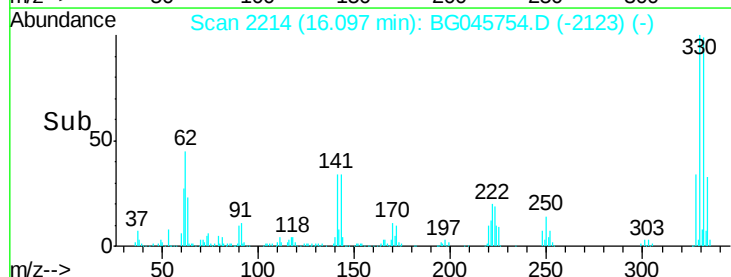
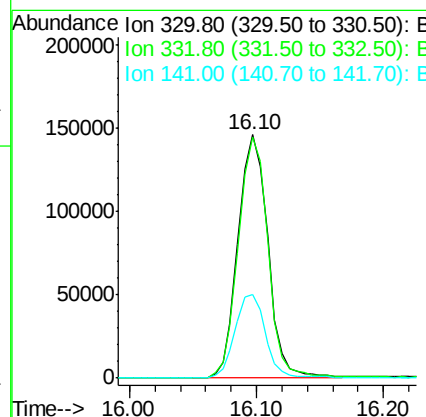
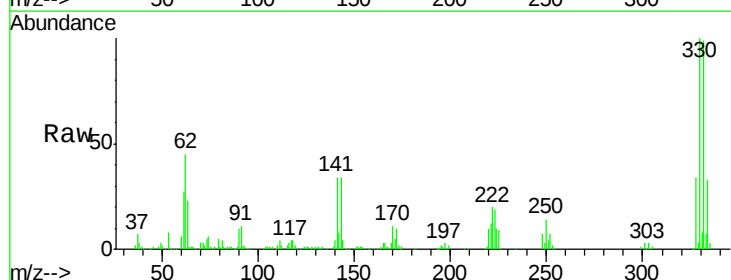
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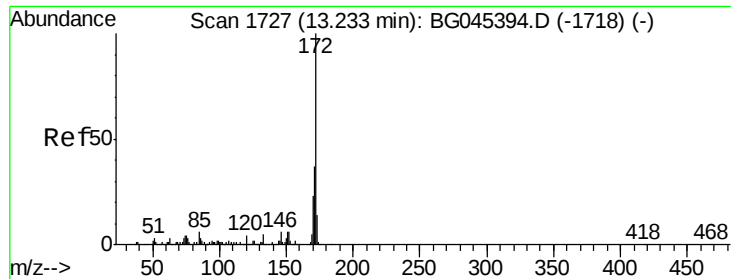
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#42
2,4,6-Tribromophenol
Concen: 110.681 ng
RT: 16.10 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG045754.D
Acq: 13 Jun 2020 00:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.1	78.2	117.4
141	35.5	28.2	42.4





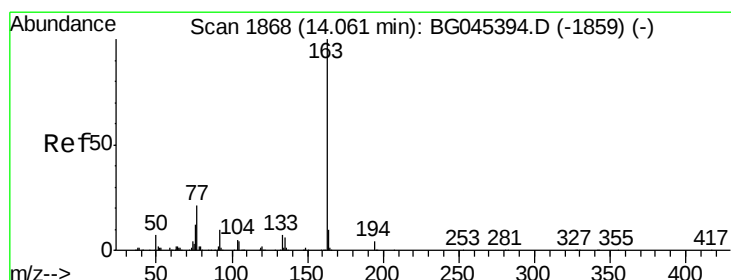
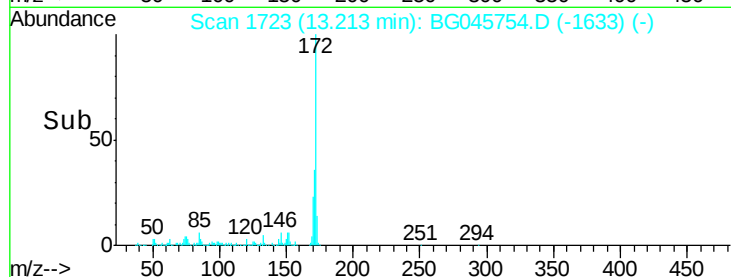
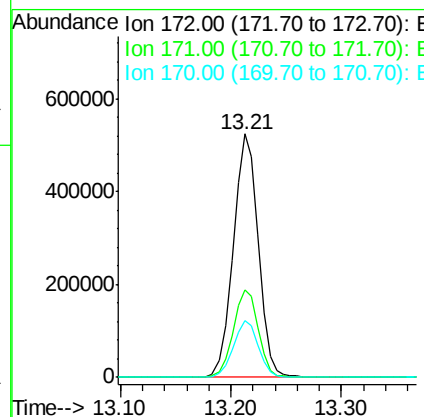
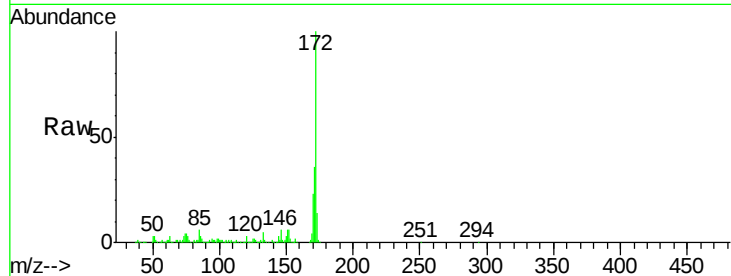
#45
2-Fluorobiphenyl
Concen: 83.448 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045754.D
Acq: 13 Jun 2020 00:05

Instrument :
BNA_G
ClientSampleId :
15-SP

Tot Ion:	172	Resp:	831591
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.5	44.3
170	23.4	18.5	27.7

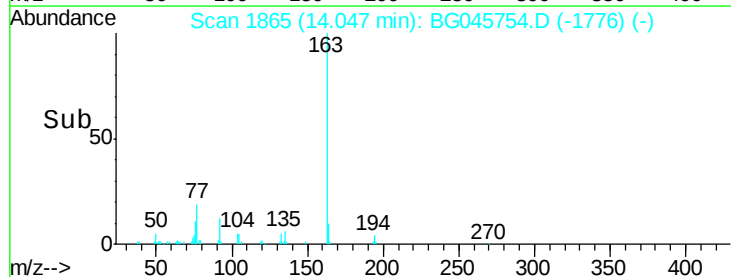
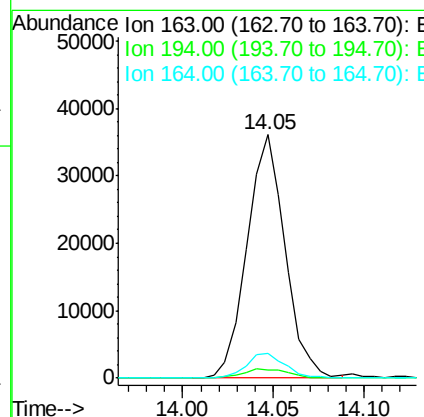
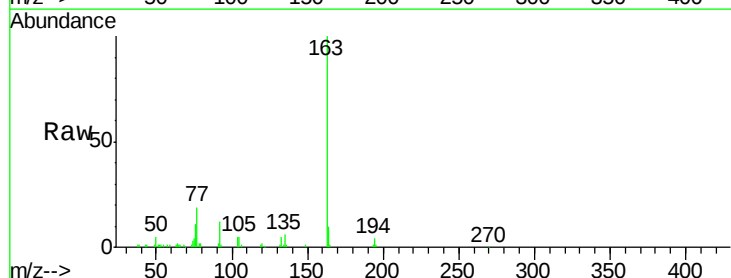
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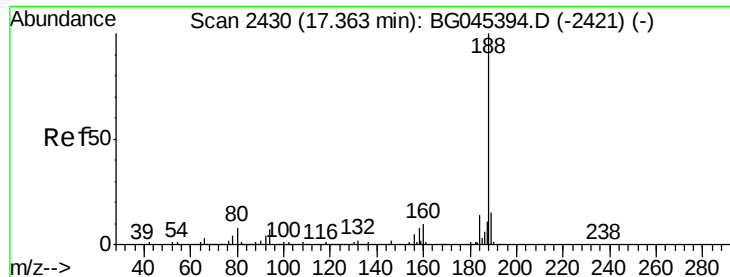
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#50
Dimethylphthalate
Concen: 4.563 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG045754.D
Acq: 13 Jun 2020 00:05

Tgt Ion:	163	Resp:	52914
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.2	4.8
164	10.4	8.3	12.5





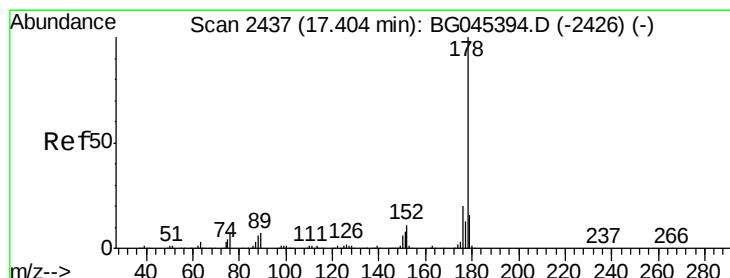
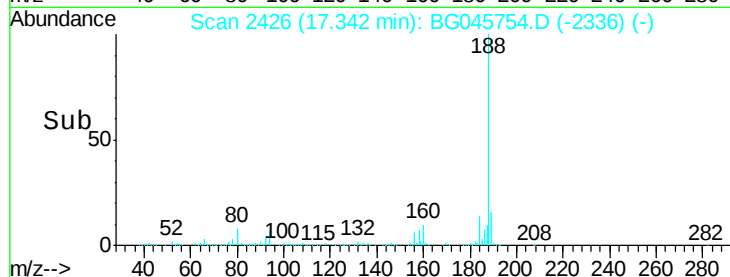
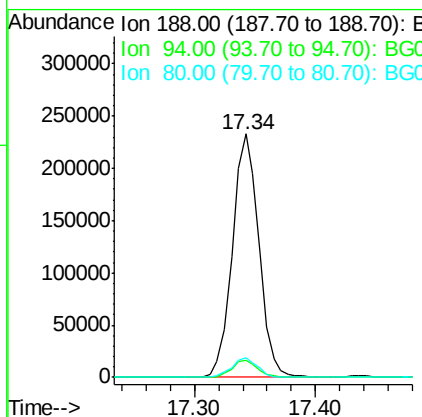
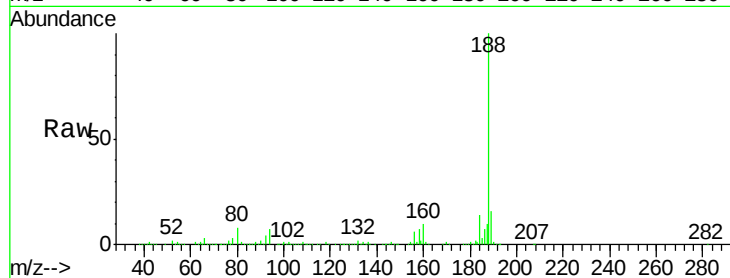
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG045754.D
Acq: 13 Jun 2020 00:05

Instrument :
BNA_G
ClientSampleId :
15-SP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	355050		
94	7.2		5.5	8.3
80	7.9		6.6	10.0

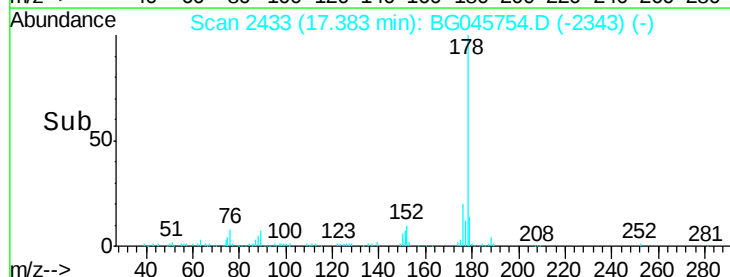
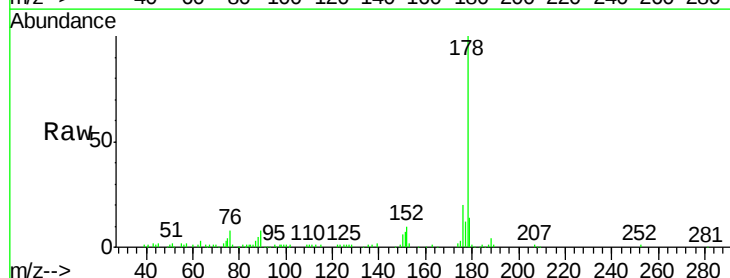
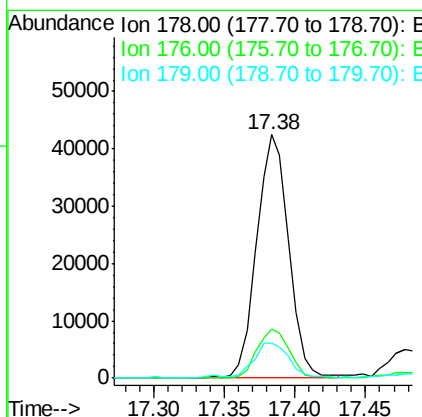
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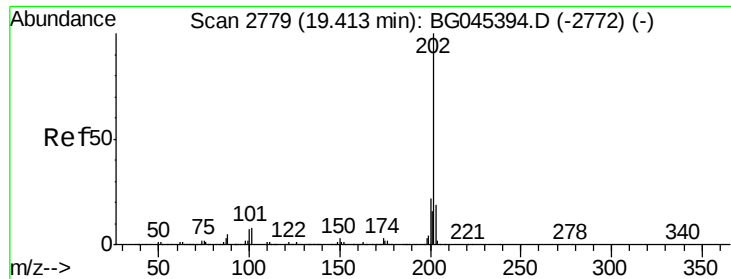
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#71
Phenanthrene
Concen: 4.369 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045754.D
Acq: 13 Jun 2020 00:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	67713		
176	19.9		16.2	24.4
179	14.3		13.1	19.7





#75

Fluoranthene

Concen: 4.547 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG045754.D

Acq: 13 Jun 2020 00:05

Instrument :

BNA_G

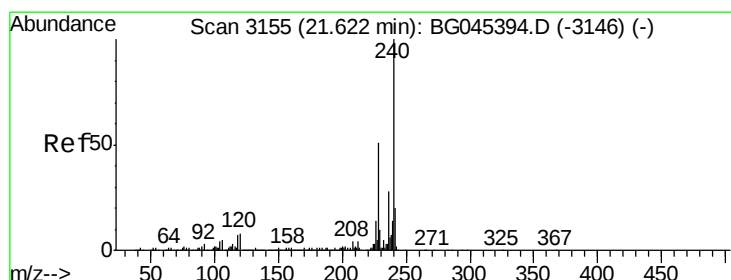
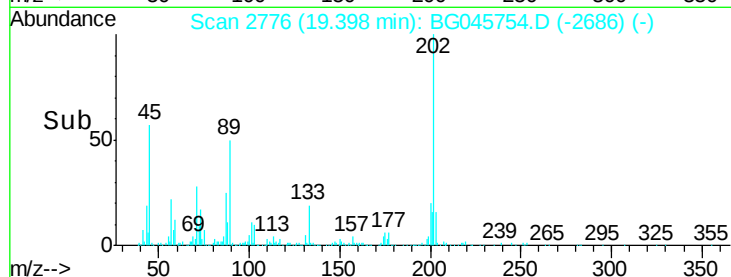
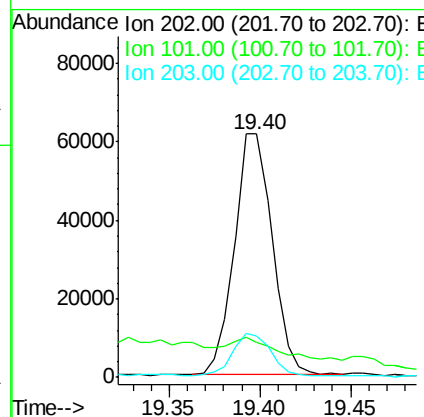
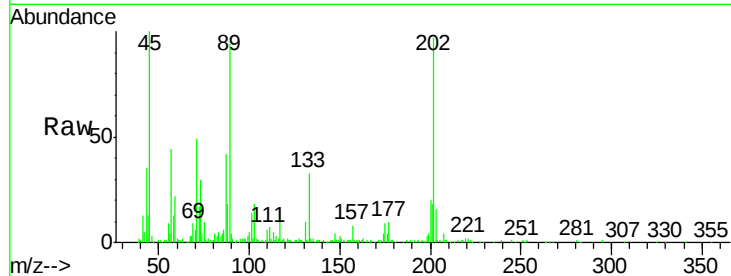
ClientSampleId :

15-SP

Tot Ion:	202	Resp:	89644
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	28.3
203	16.8	0.0	39.0

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#76

Chrysene-d12

Concen: 20.000 ng

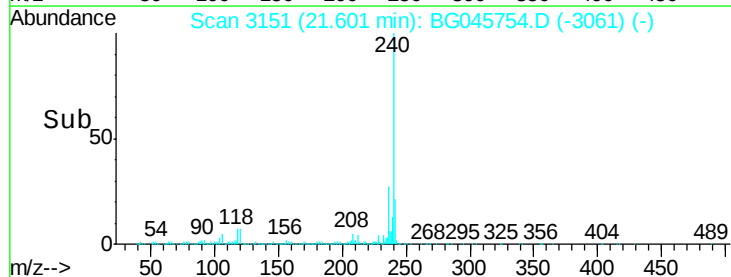
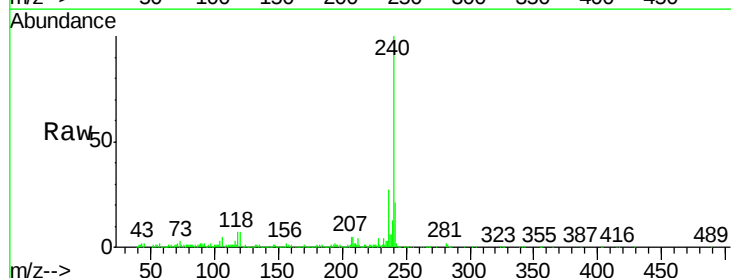
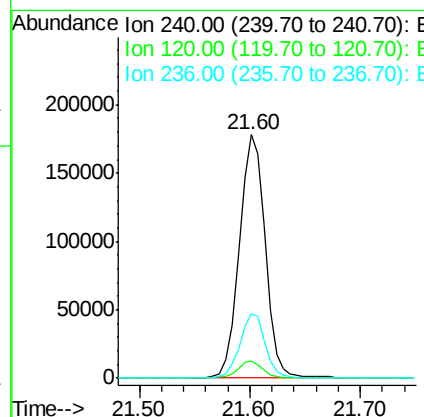
RT: 21.60 min Scan# 3151

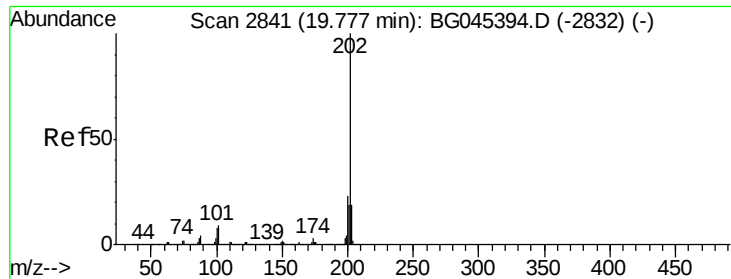
Delta R.T. -0.00 min

Lab File: BG045754.D

Acq: 13 Jun 2020 00:05

Tgt Ion:	240	Resp:	293284
Ion Ratio	Lower	Upper	
240	100		
120	7.1	6.1	9.1
236	26.5	22.3	33.5





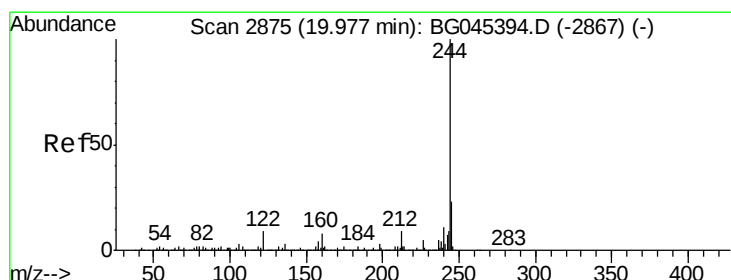
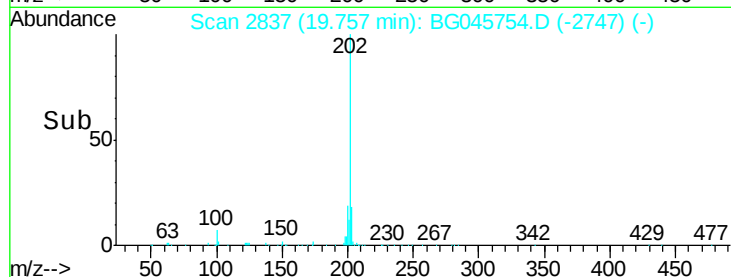
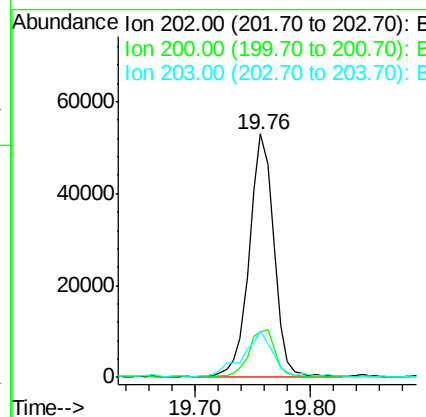
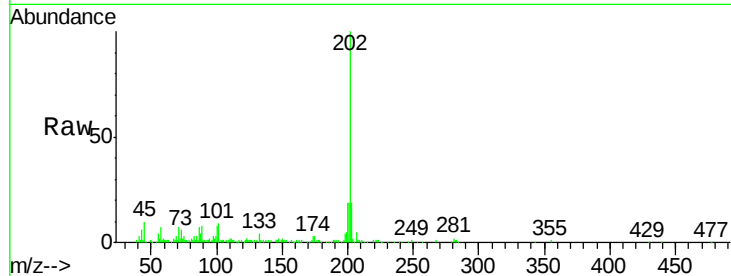
#78
Pvrene
Concen: 4.739 ng
RT: 19.76 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG045754.D
Acq: 13 Jun 2020 00:05

Instrument :
BNA_G
ClientSampleId :
15-SP

Tot Ion	Ratio	Lower	Upper
202	100		
200	18.8	18.2	27.2
203	19.2	15.1	22.7

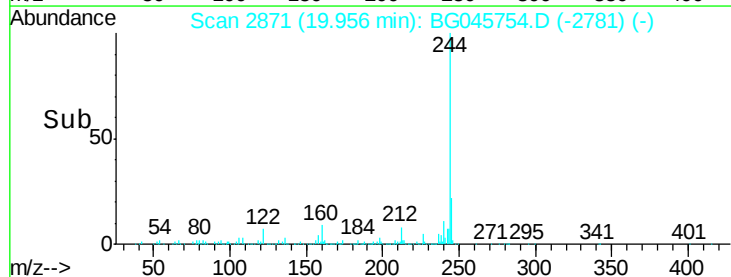
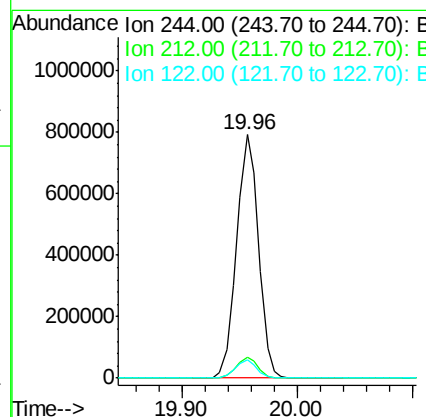
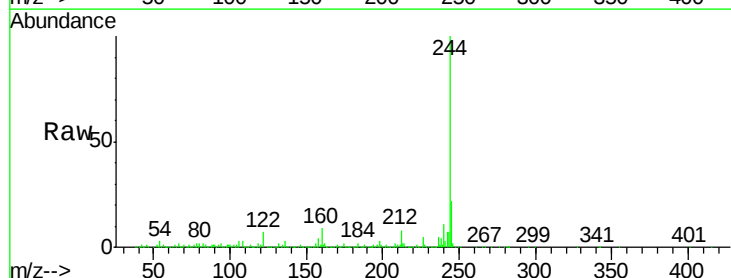
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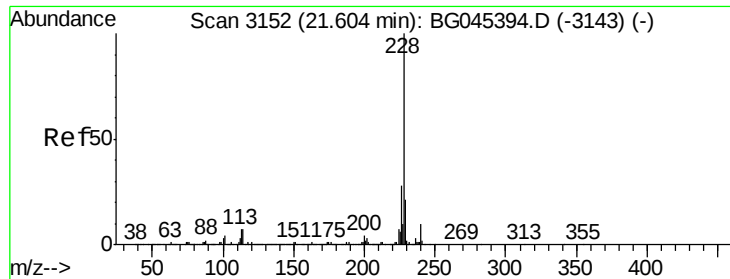
mohammad
6/15/2020 8:45:21 AM



#79
Terphenyl-d14
Concen: 82.811 ng
RT: 19.96 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BG045754.D
Acq: 13 Jun 2020 00:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.0
122	7.3	6.8	10.2





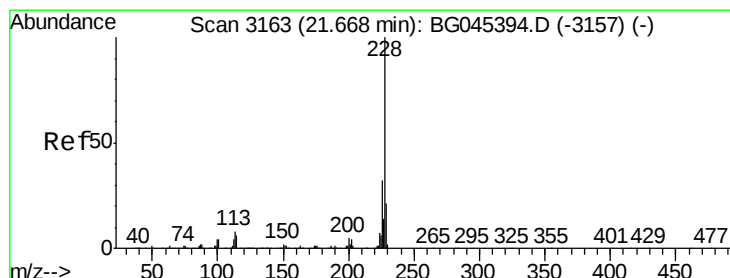
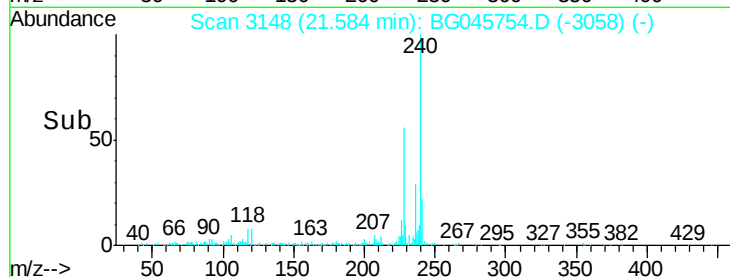
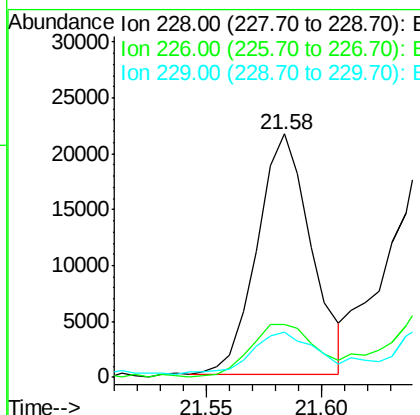
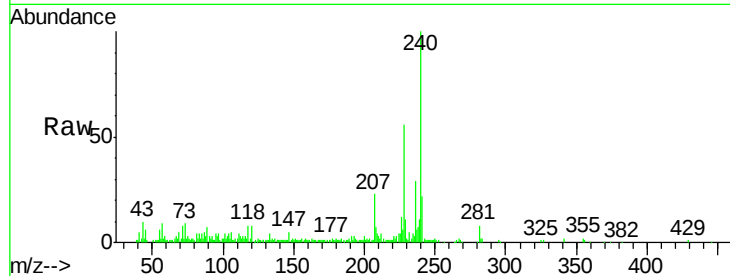
#81
Benzo(a)anthracene
Concen: 2.163 ng m
RT: 21.58 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG045754.D
Acq: 13 Jun 2020 00:05

Instrument :
BNA_G
ClientSampleId :
15-SP

Tot Ion	Ratio	Lower	Upper
228	100		
226	21.6	22.7	34.1#
229	18.7	16.7	25.1

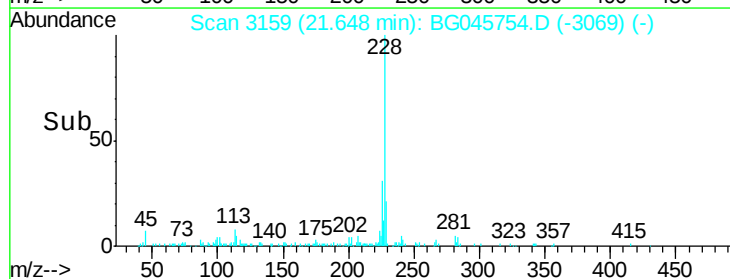
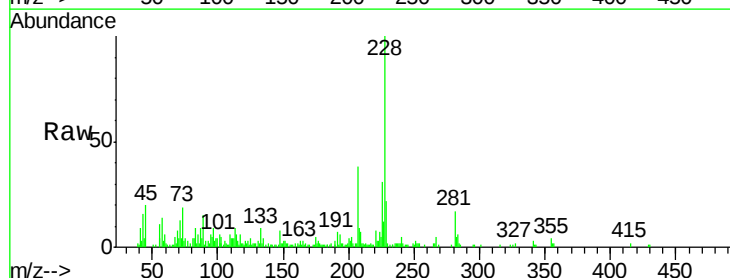
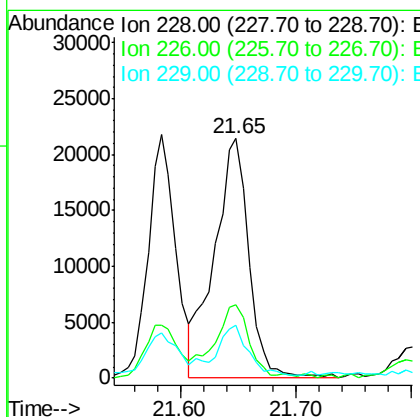
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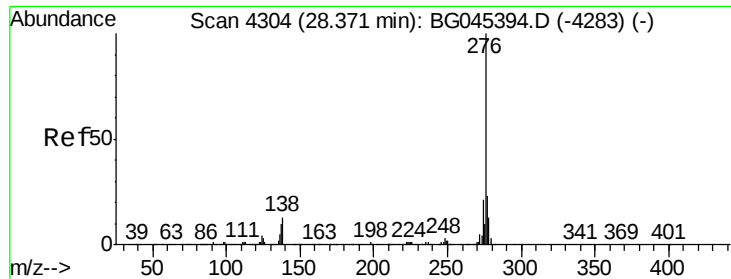
mohammad
6/15/2020 8:45:21 AM



#83
Chrysene
Concen: 2.844 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG045754.D
Acq: 13 Jun 2020 00:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.2	37.8
229	21.8	16.7	25.1





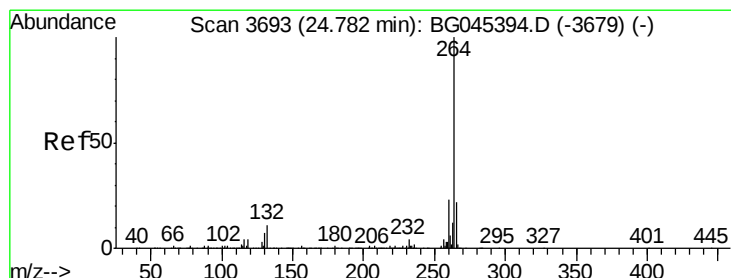
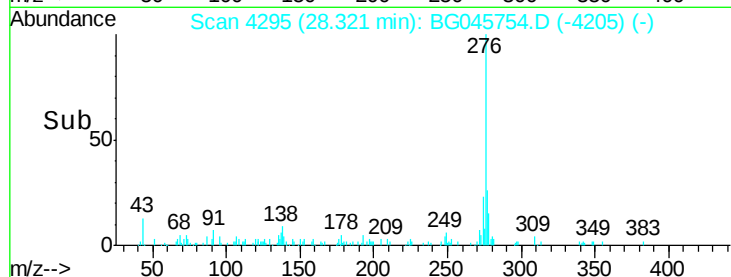
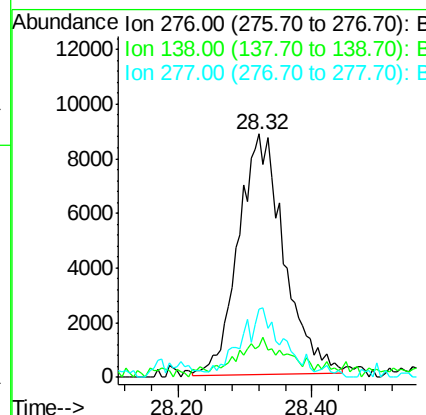
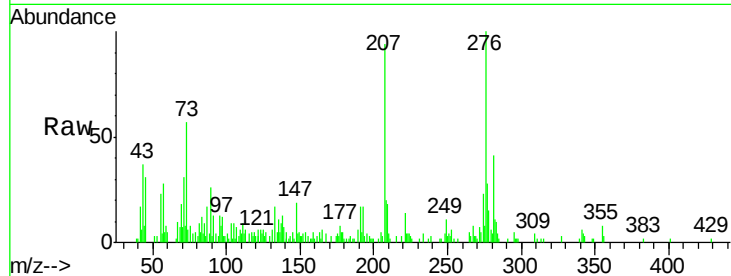
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.037 ng
 RT: 28.32 min Scan# 4295
 Delta R.T. -0.00 min
 Lab File: BG045754.D
 Acq: 13 Jun 2020 00:05

Instrument :
 BNA_G
 ClientSampleId :
 15-SP

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.8	8.6	12.8
277	4.5	20.2	30.4#

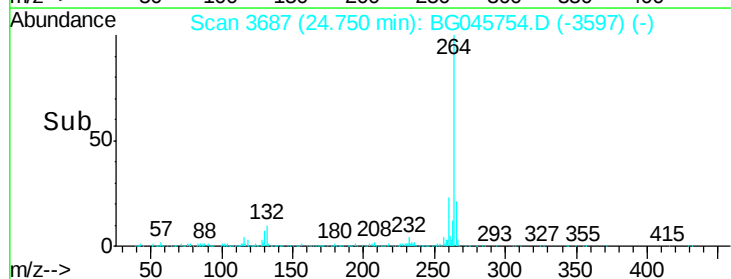
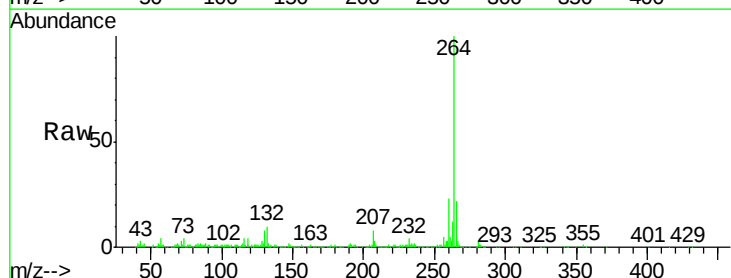
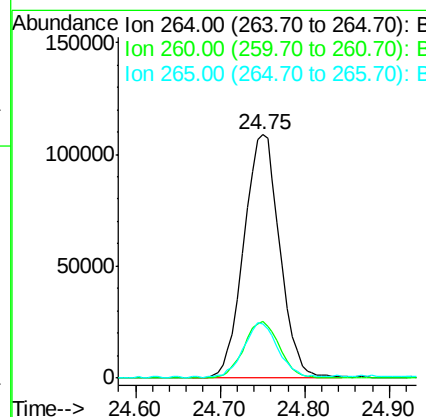
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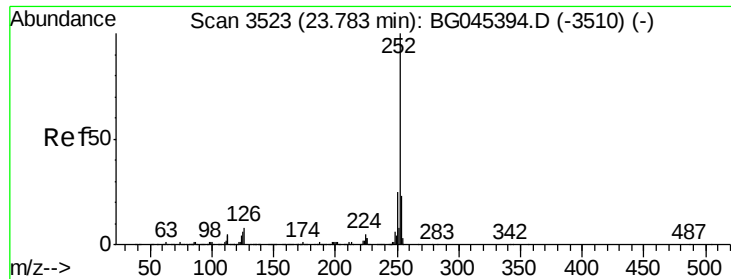
mohammad
 6/15/2020 8:45:21 AM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.75 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: BG045754.D
 Acq: 13 Jun 2020 00:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.1	17.6	26.4





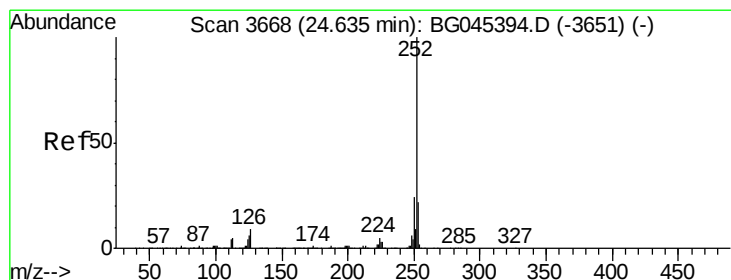
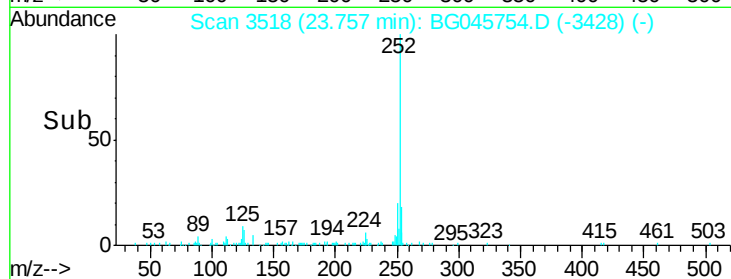
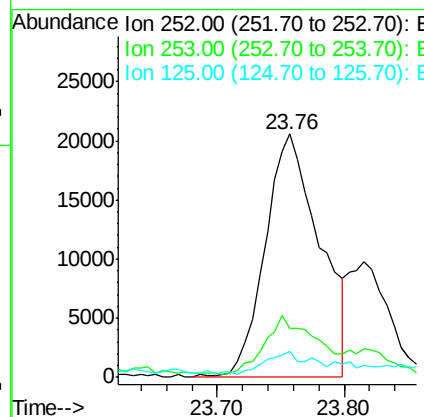
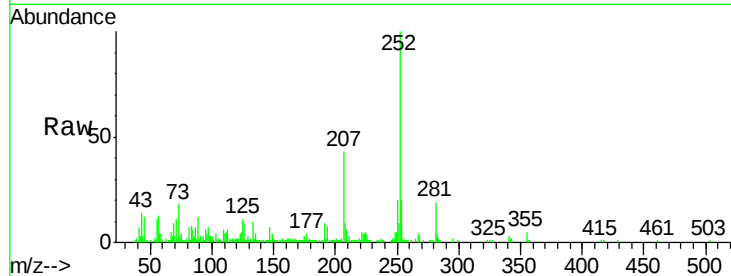
#88
Benzo(b)fluoranthene
Concen: 3.571 ng
RT: 23.76 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BG045754.D
Acq: 13 Jun 2020 00:05

Instrument :
BNA_G
ClientSampleId :
15-SP

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.1	18.1	27.1
125	10.9	5.0	7.6

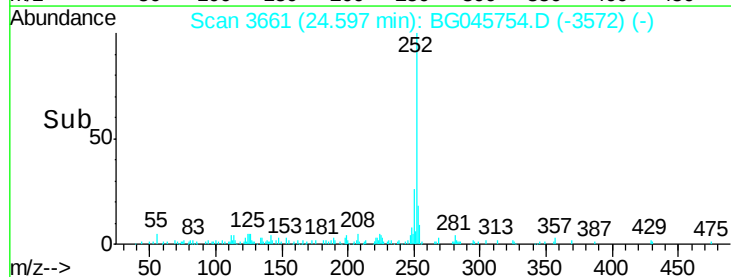
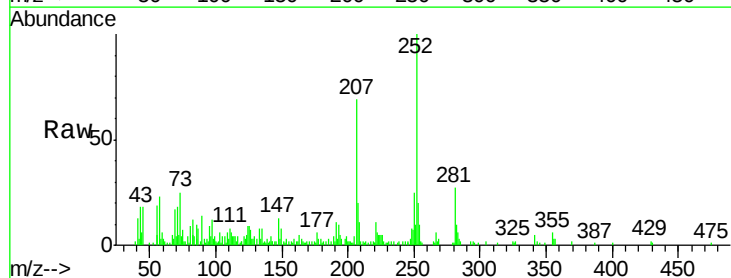
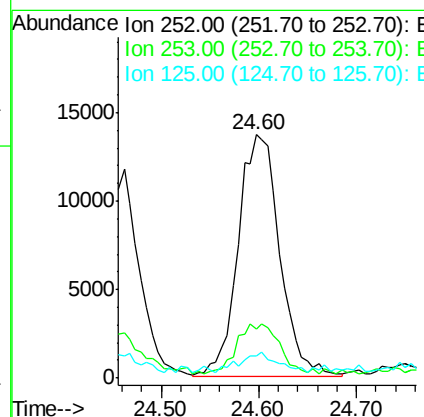
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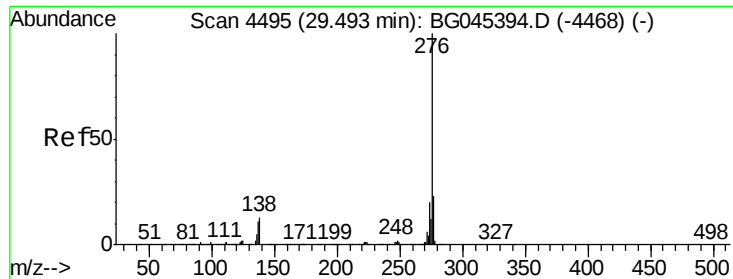
mohammad
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#90
Benzo(a)pyrene
Concen: 2.517 ng
RT: 24.60 min Scan# 3661
Delta R.T. -0.01 min
Lab File: BG045754.D
Acq: 13 Jun 2020 00:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.0	17.2	25.8
125	9.3	5.0	7.6





#92

Benzo(a,h,i)perylene

Concen: 2.396 ng

RT: 29.43 min Scan# 4483

Delta R.T. -0.01 min

Lab File: BG045754.D

Acq: 13 Jun 2020 00:05

Instrument :

BNA_G

ClientSampleId :

15-SP

Tot Ion:	276	Resp:	38658
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.1	27.1
138	11.3	10.2	15.4

Manual Integrations
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6/15/2020 8:45:21 AM

