

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
 Data File : BG045151.D
 Acq On : 23 Apr 2020 21:09
 Operator : CG/JU
 Sample : L2323-05DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-20-COMPDL

Manual Integrations
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mohammad
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Quant Time: Apr 24 03:34:26 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Apr 23 13:58:55 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	143224	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	576245	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	374233	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	734044	20.00	ng	0.00
76) Chrysene-d12	21.66	240	636393	20.00	ng	0.00
87) Perylene-d12	24.84	264	709550	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	166357	19.18	ng	0.00
7) Phenol-d6	7.17	99	256734	19.92	ng	0.00
23) Nitrobenzene-d5	9.16	82	200806	15.90	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	109494	18.94	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	471107	18.46	ng	0.00
79) Terphenyl-d14	20.00	244	593008	20.31	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.87	128	501360	15.90	ng	98
37) 2-Methylnaphthalene	12.47	142	339246	13.86	ng	97
38) 1-Methylnaphthalene	12.69	142	317738	13.76	ng	97
49) Acenaphthylene	14.37	152	173258	4.89	ng	95
52) Acenaphthene	14.71	154	149699	6.25	ng	95
55) Dibenzofuran	15.04	168	157076	4.50	ng	# 96
58) Fluorene	15.70	166	388576	13.62	ng	100
71) Phenanthrene	17.44	178	1931981	51.22	ng	97
72) Anthracene	17.52	178	540125	14.27	ng	98
73) Carbazole	17.79	167	124145	3.23	ng	97
75) Fluoranthene	19.44	202	1353031	28.22	ng	98
78) Pyrene	19.81	202	1487221	33.90	ng	99
81) Benzo(a)anthracene	21.64	228	664047	16.10	ng	99
83) Chrysene	21.71	228	632079	15.95	ng	99
86) Indeno(1,2,3-cd)pyrene	28.45	276	296526	5.64	ng	# 93
88) Benzo(b)fluoranthene	23.84	252	679716	15.29	ng	99
89) Benzo(k)fluoranthene	23.89	252	234021m	5.54	ng	
90) Benzo(a)pyrene	24.70	252	589434	14.05	ng	96
91) Dibenzo(a,h)anthracene	28.50	278	88012	2.08	ng	# 92
92) Benzo(g,h,i)perylene	29.57	276	269063	6.35	ng	98

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

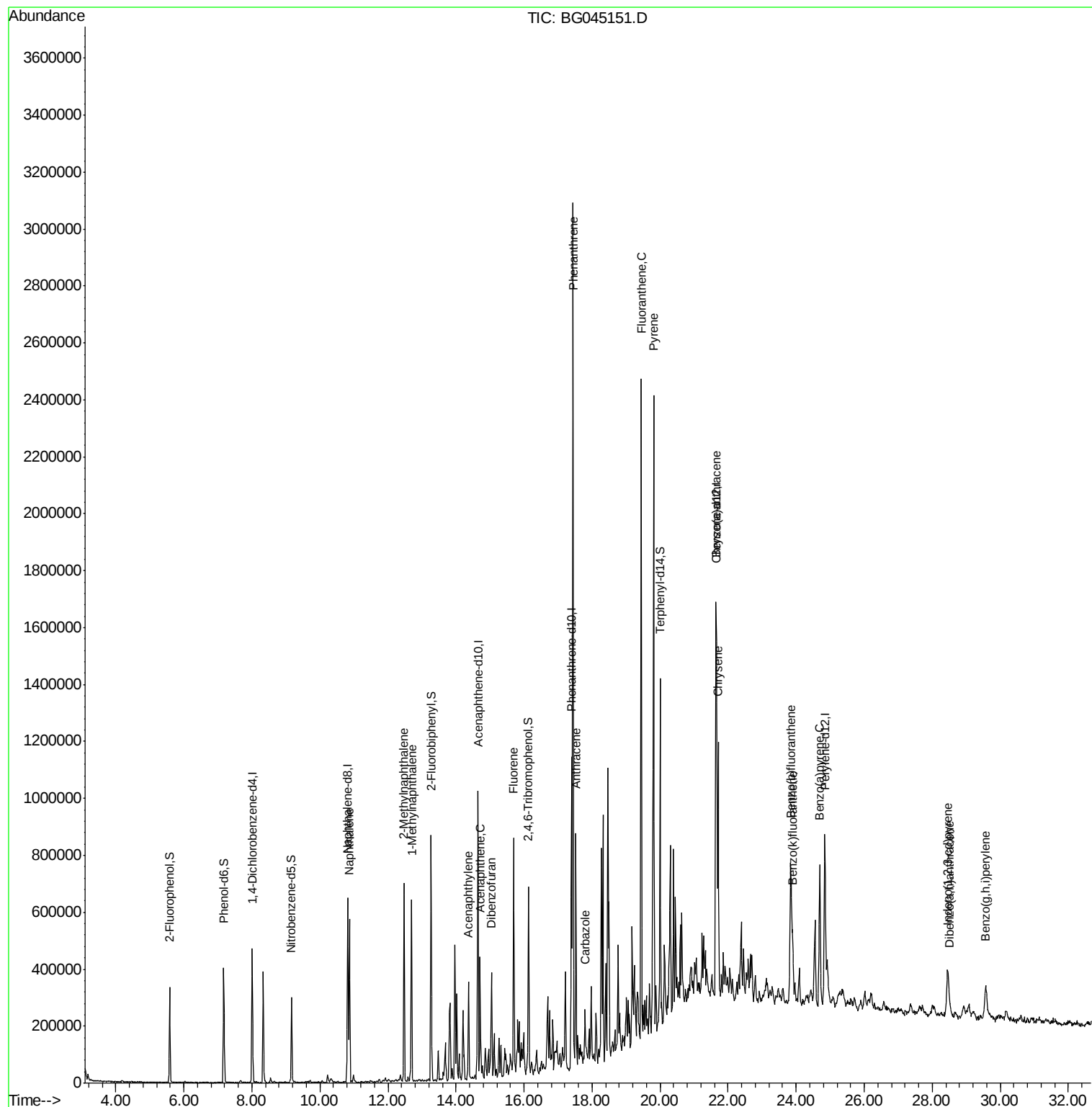
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
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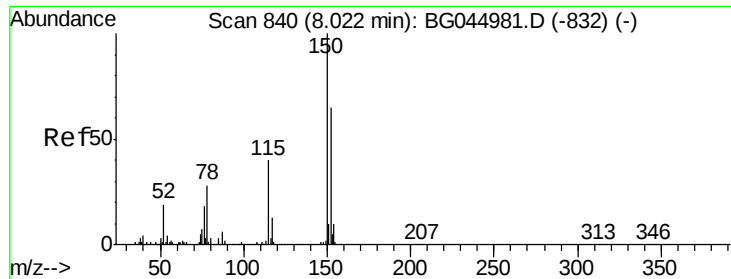
Instrument :
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TP-20-COMPDL

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QLast Update : Thu Apr 23 13:58:55 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.01 min Scan# 838

Delta R.T. 0.01 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

Instrument :

BNA_G

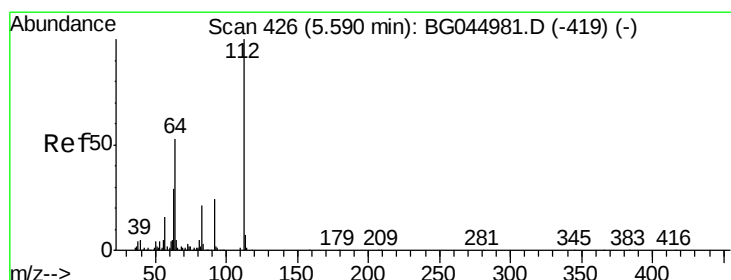
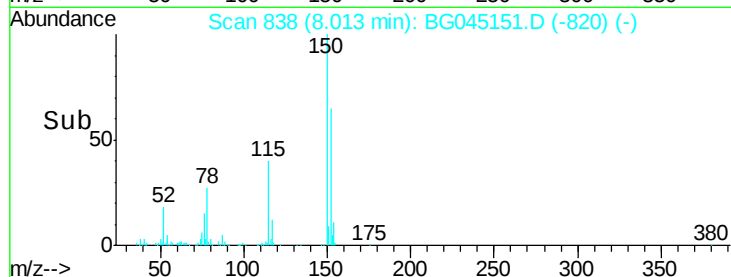
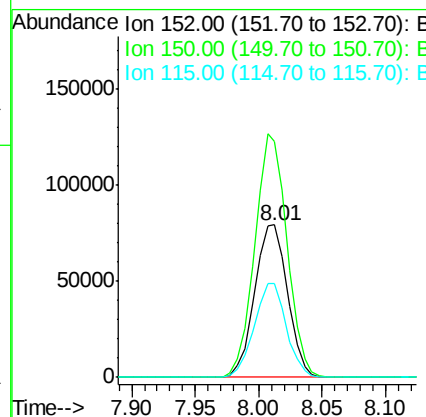
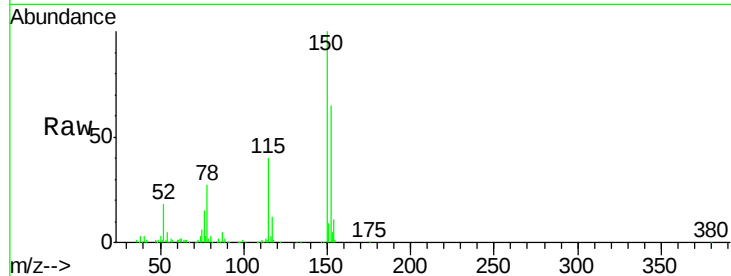
ClientSampleId :

TP-20-COMPDL

Tgt Ion:	152	Resp:	143224
Ion Ratio	Lower	Upper	
152	100		
150	154.9	123.6	185.4
115	61.4	49.1	73.7

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#5

2-Fluorophenol

Concen: 19.18 ng

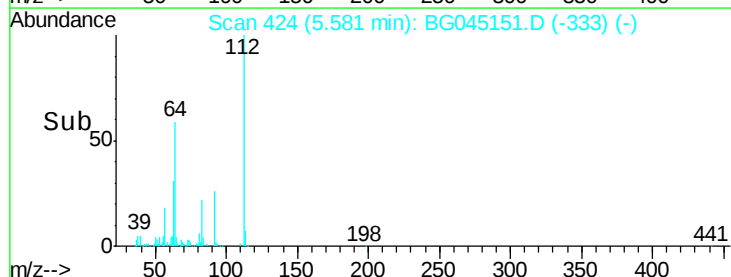
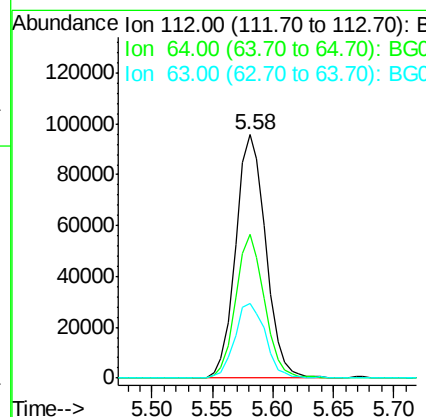
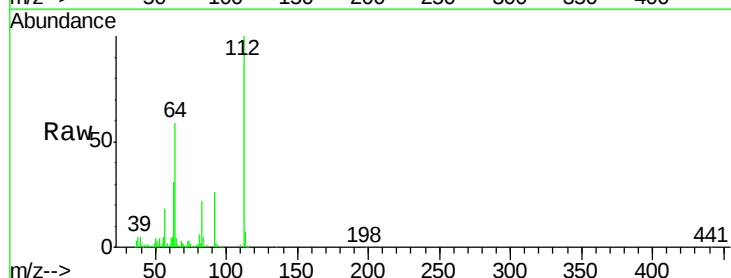
RT: 5.58 min Scan# 424

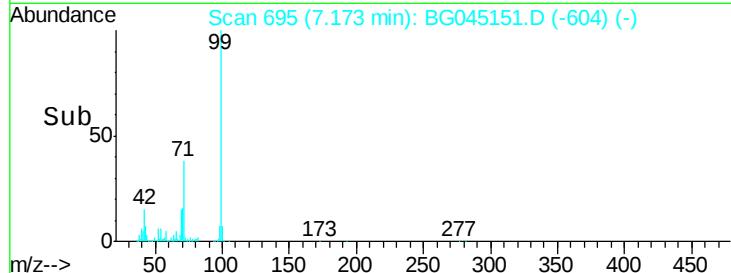
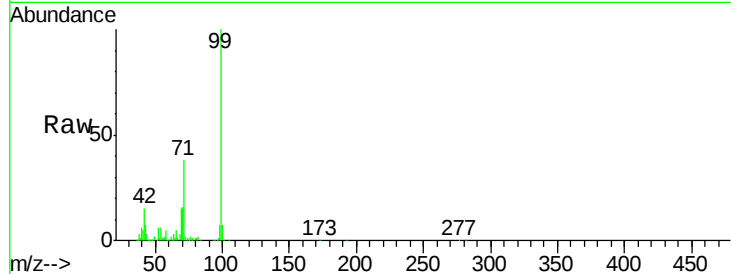
Delta R.T. 0.00 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

Tgt Ion:	112	Resp:	166357
Ion Ratio	Lower	Upper	
112	100		
64	59.2	42.4	63.6
63	30.7	23.1	34.7





#7

Phenol-d6

Concen: 19.92 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	256734		
42	14.6	11.3	16.9	
71	38.4	28.3	42.5	

Instrument :

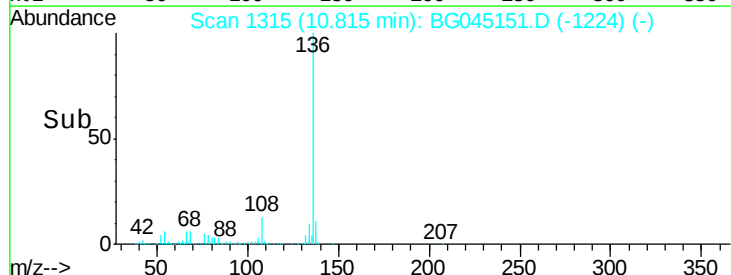
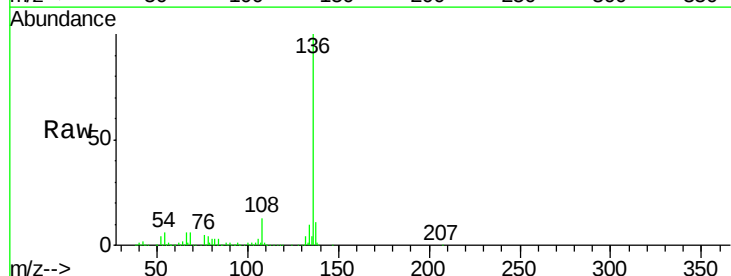
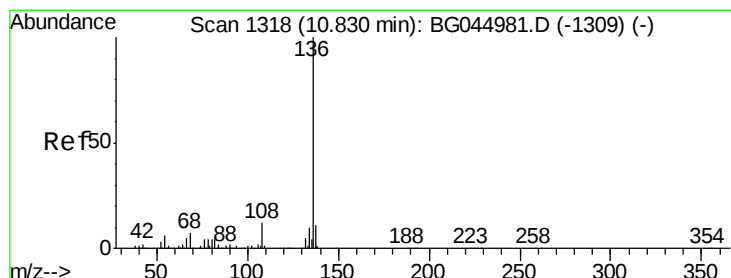
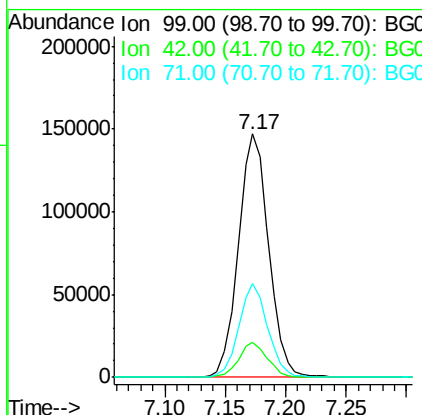
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#21

Naphthalene-d8

Concen: 20.00 ng

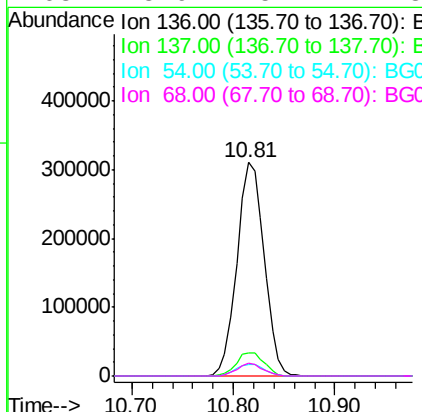
RT: 10.81 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	576245		
137	10.9	8.6	13.0	
54	5.6	4.8	7.2	
68	5.9	5.2	7.8	





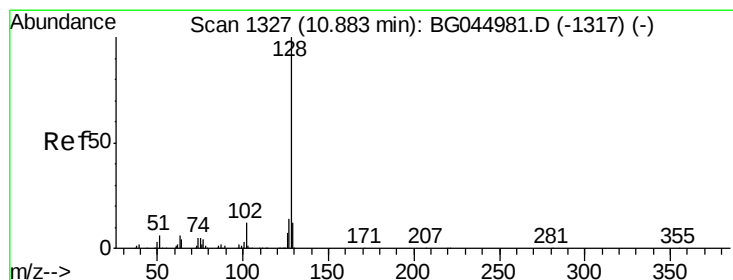
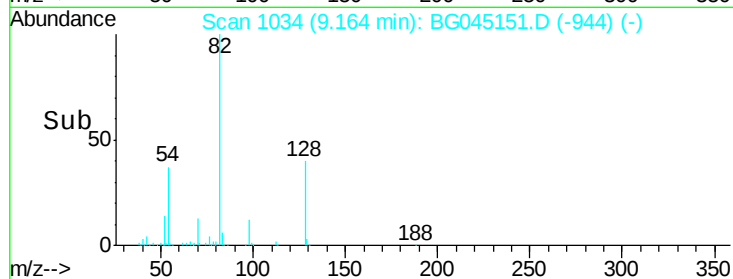
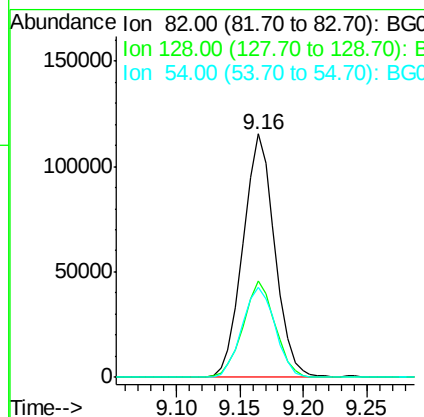
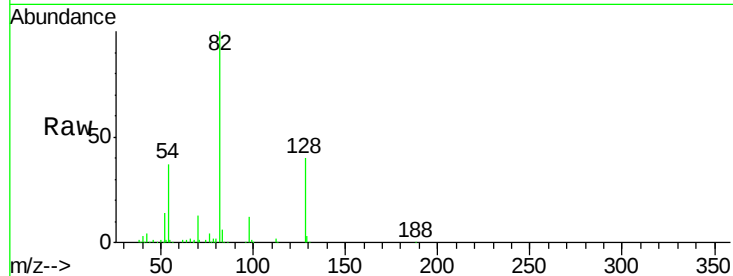
#23
Nitrobenzene-d5
Concen: 15.90 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

Instrument :
BNA_G
ClientSampleId :
TP-20-COMPDL

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	200806		
128	39.7		33.0	49.4
54	37.2		30.4	45.6

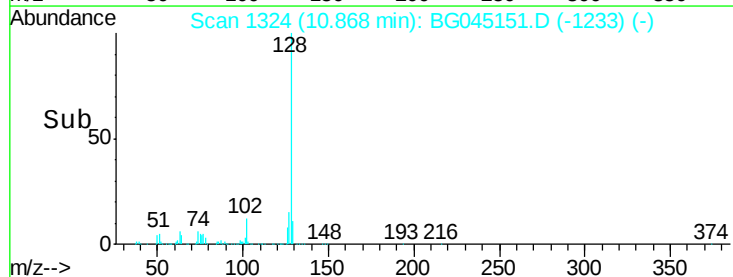
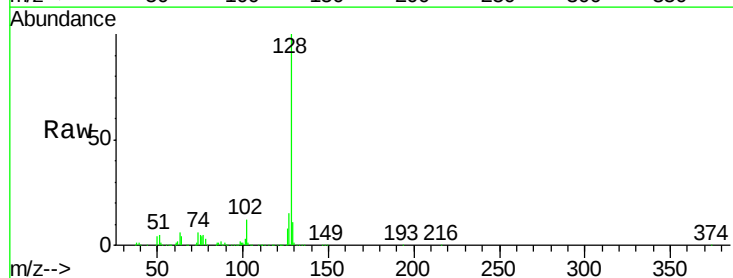
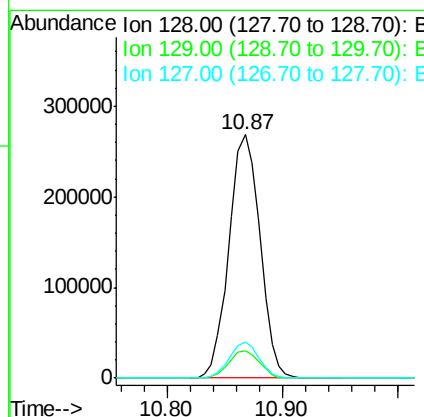
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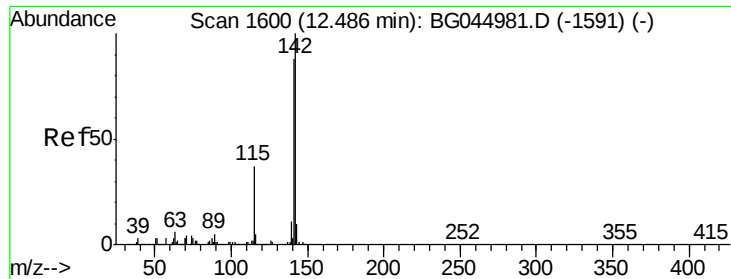
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#31
Naphthalene
Concen: 15.90 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	501360		
129	11.2		9.4	14.2
127	14.8		10.8	16.2





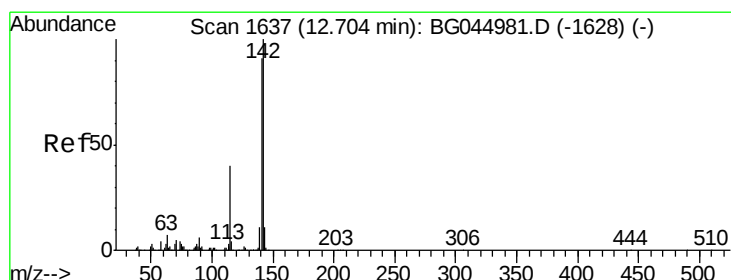
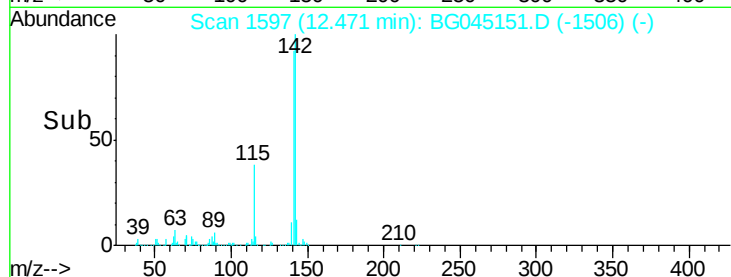
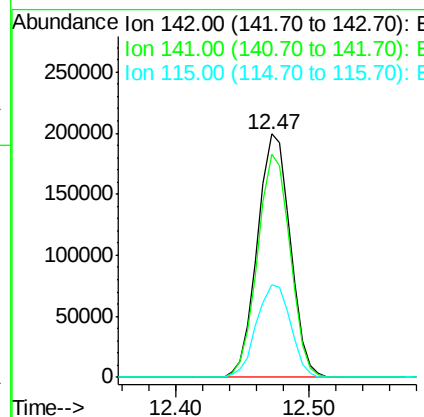
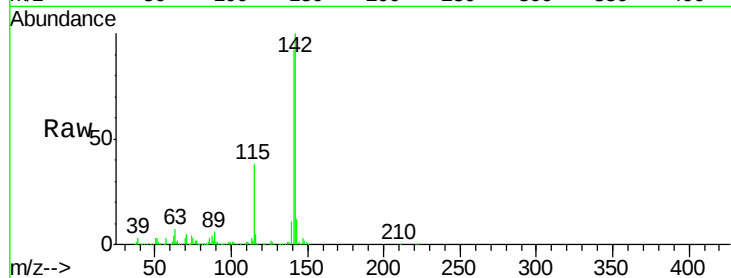
#37
 2-Methylnaphthalene
 Concen: 13.86 ng
 RT: 12.47 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BG045151.D
 Acq: 23 Apr 2020 21:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-20-COMPDL

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	70.3	105.5
115	38.0	29.8	44.6

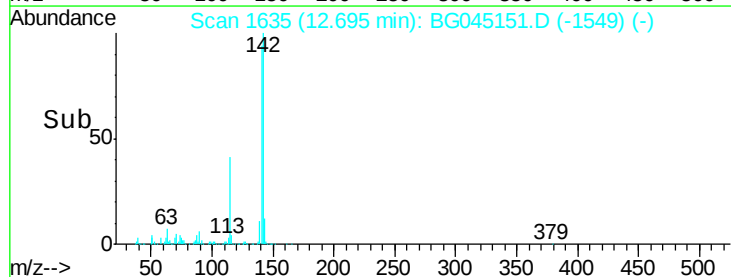
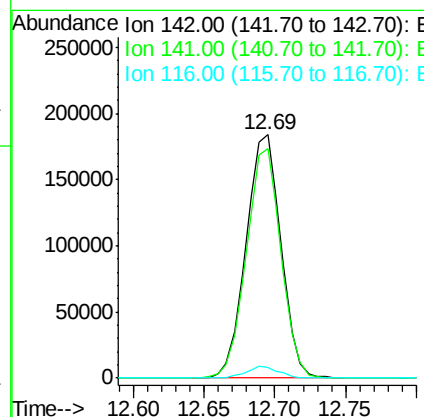
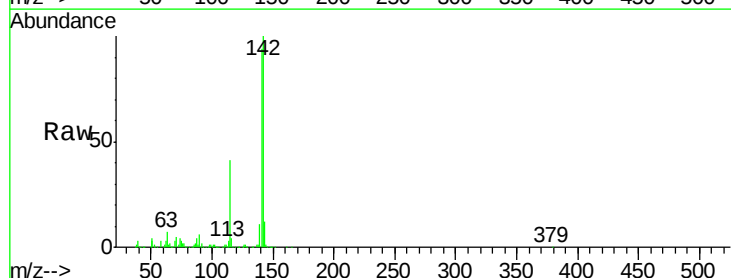
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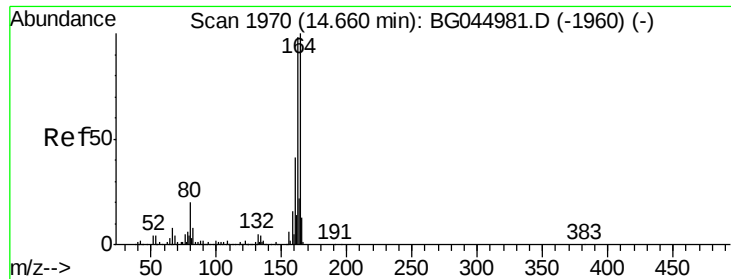
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#38
 1-Methylnaphthalene
 Concen: 13.76 ng
 RT: 12.69 min Scan# 1635
 Delta R.T. 0.01 min
 Lab File: BG045151.D
 Acq: 23 Apr 2020 21:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	72.7	109.1
116	4.2	3.1	4.7





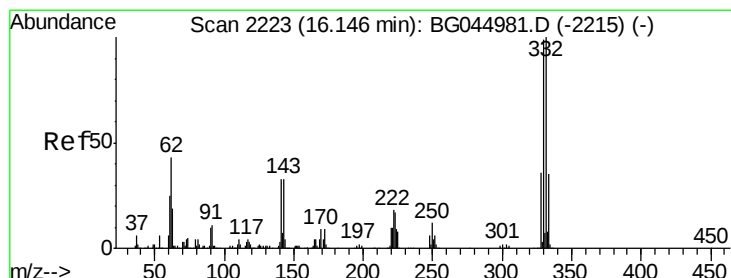
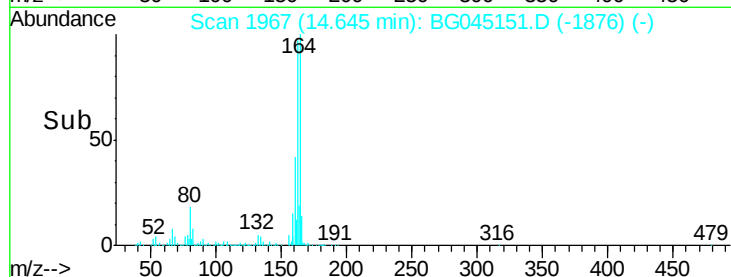
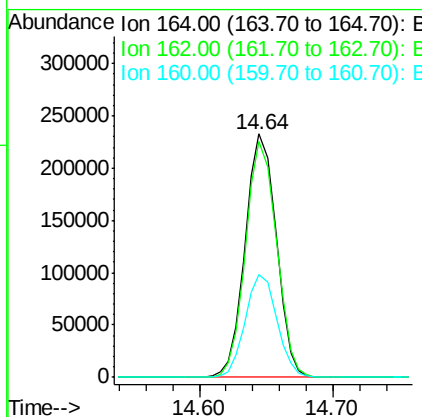
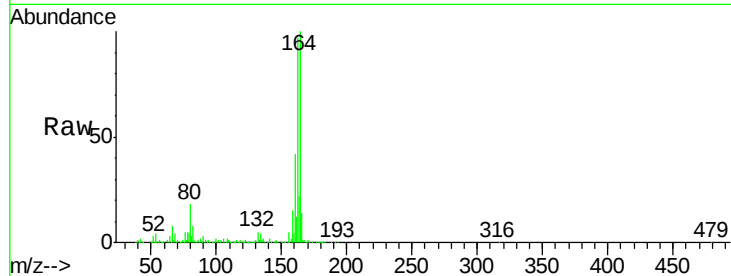
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

Instrument :
BNA_G
ClientSampleId :
TP-20-COMPDL

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.8	78.7	118.1
160	42.2	32.8	49.2

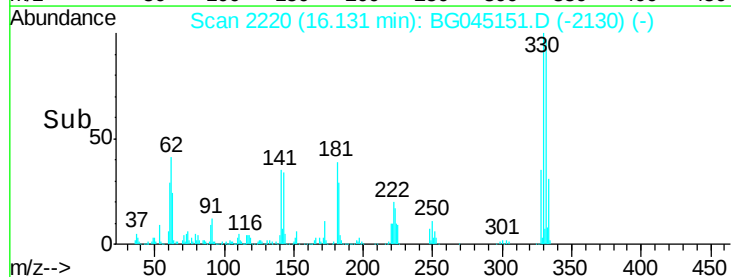
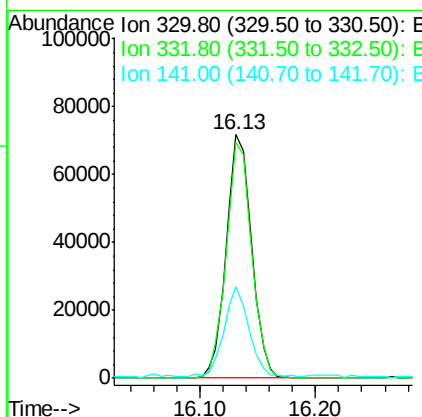
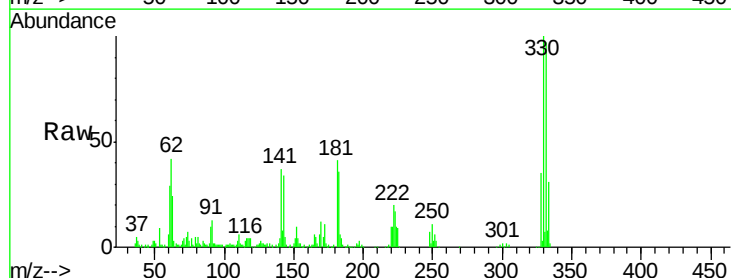
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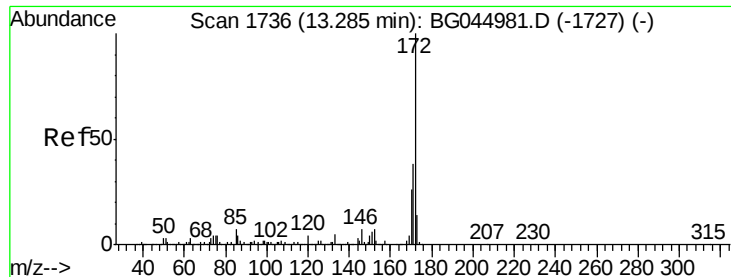
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#42
2,4,6-Tribromophenol
Concen: 18.94 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.1	118.7
141	36.7	27.1	40.7





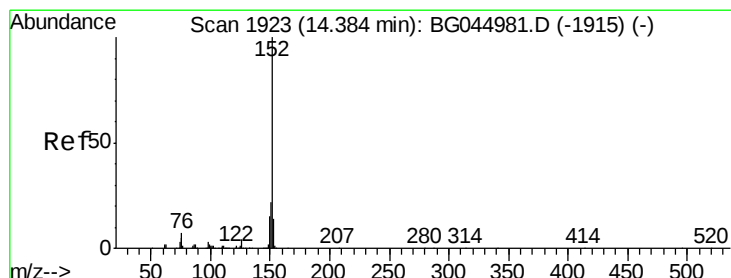
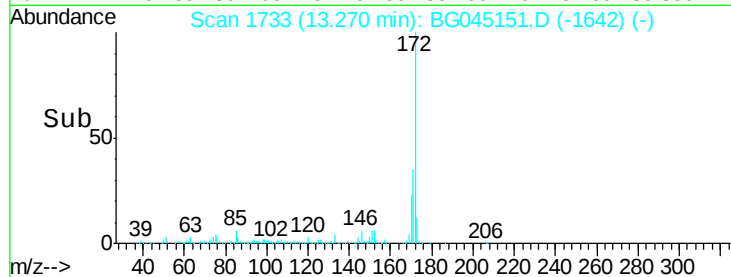
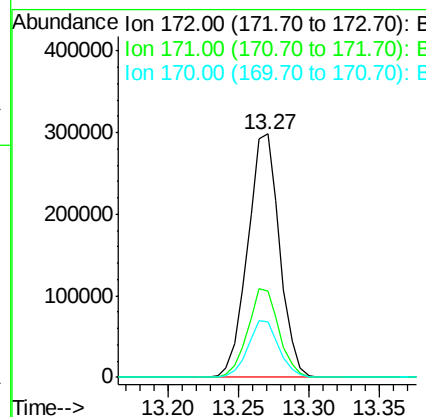
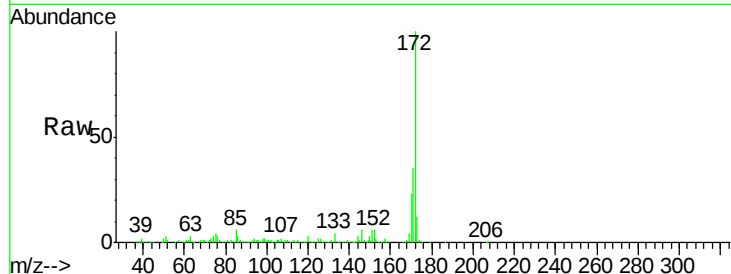
#45
2-Fluorobiphenyl
Concen: 18.46 ng
RT: 13.27 min Scan# 1733
Delta R.T. 0.00 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

Instrument :
BNA_G
ClientSampleId :
TP-20-COMPDL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.6	46.0
170	22.7	20.5	30.7

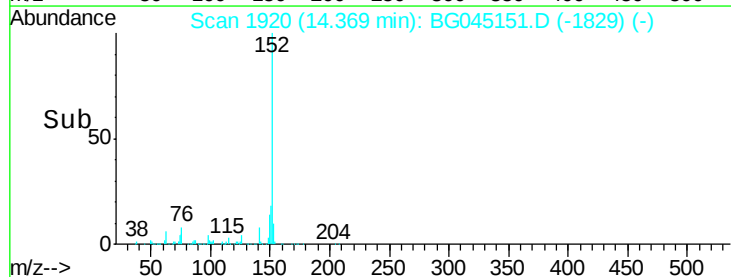
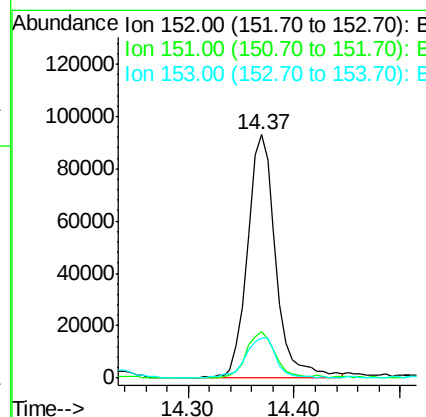
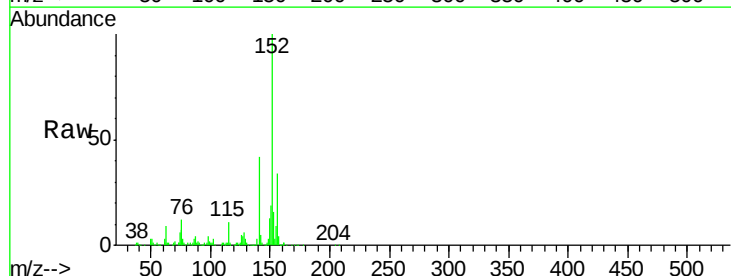
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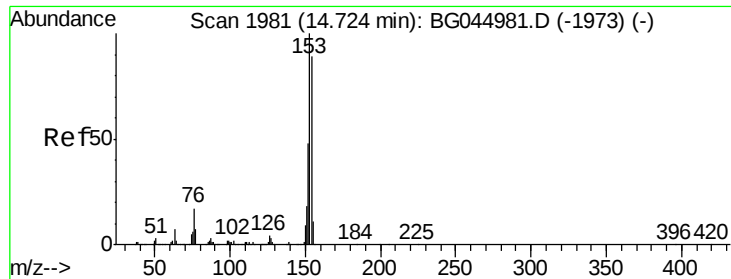
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#49
Acenaphthylene
Concen: 4.89 ng
RT: 14.37 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BG045151.D
Acq: 23 Apr 2020 21:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	17.2	25.8
153	16.4	11.0	16.4





#52

Acenaphthene

Concen: 6.25 ng

RT: 14.71 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

Instrument :

BNA_G

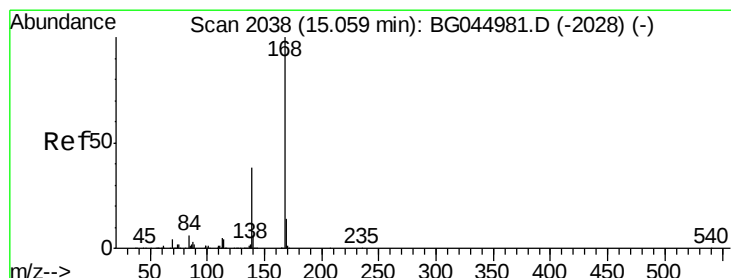
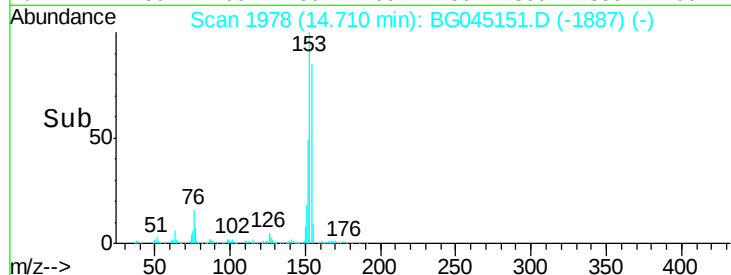
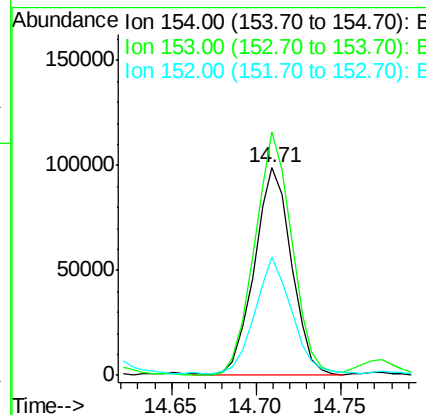
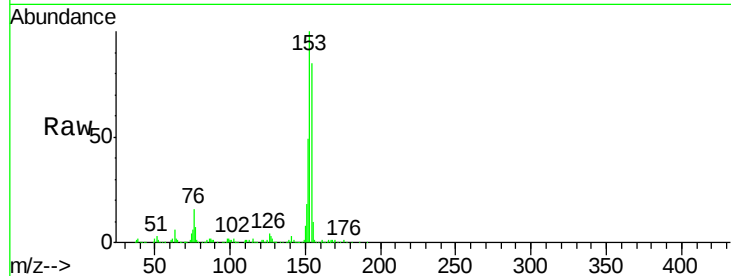
ClientSampleId :

TP-20-COMPDL

Tgt Ion:	154	Resp:	149699
Ion Ratio	Lower	Upper	
154	100		
153	117.4	89.7	134.5
152	57.0	43.1	64.7

Manual Integrations
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#55

Dibenzofuran

Concen: 4.50 ng

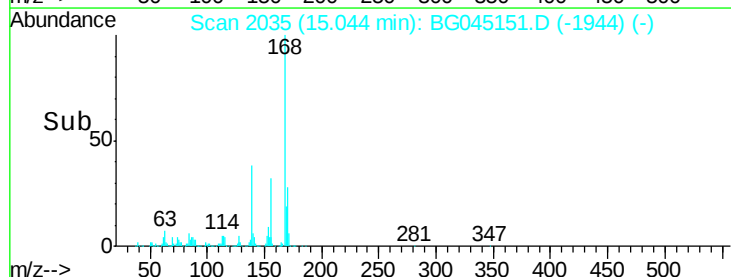
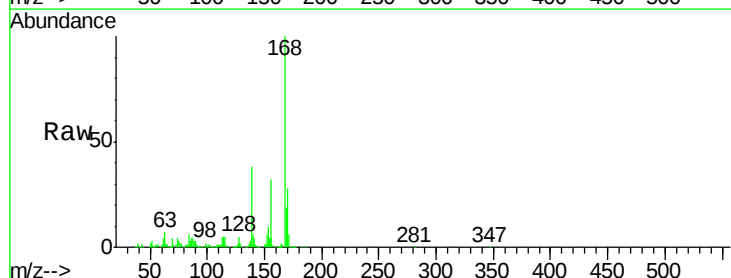
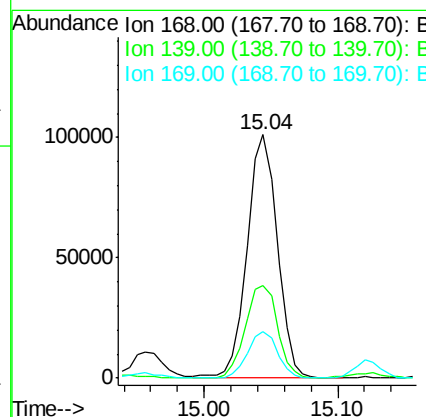
RT: 15.04 min Scan# 2035

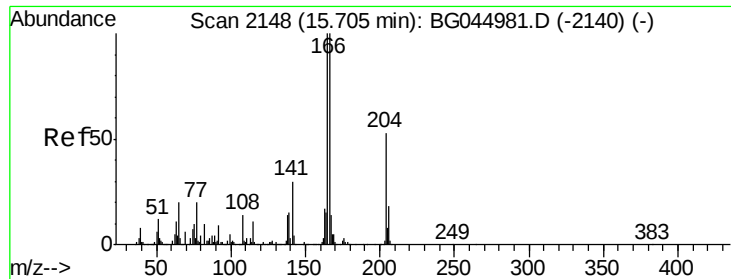
Delta R.T. 0.00 min

Lab File: BG045151.D

Acq: 23 Apr 2020 21:09

Tgt Ion:	168	Resp:	157076
Ion Ratio	Lower	Upper	
168	100		
139	38.3	30.4	45.6
169	19.3	11.0	16.4#





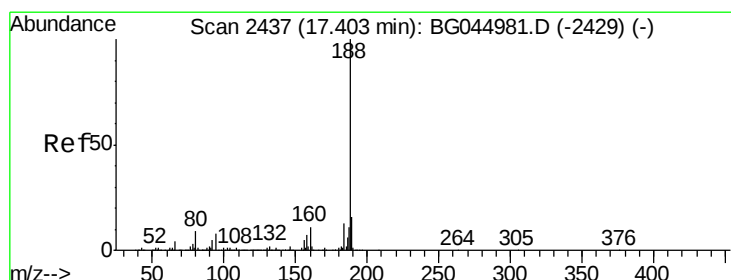
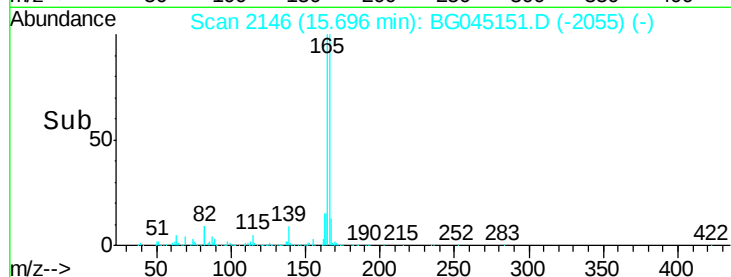
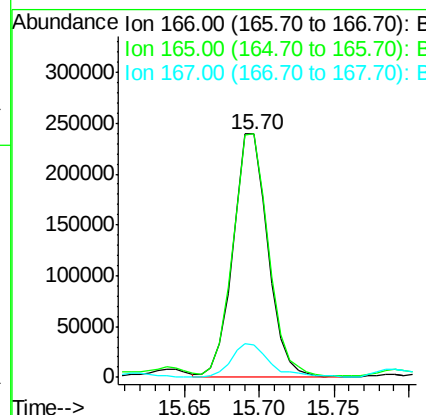
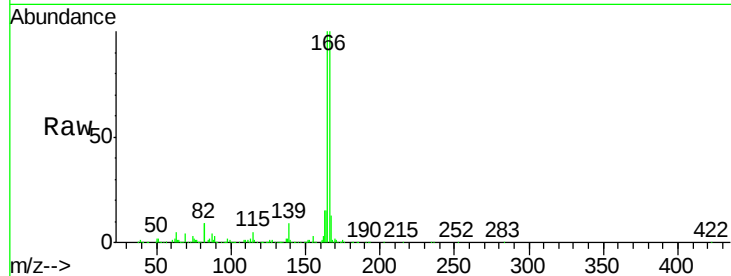
#58
Fluorene
 Concen: 13.62 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG045151.D
 Acq: 23 Apr 2020 21:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-20-COMPD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	388576		
165	99.9	79.9	119.9	
167	13.1	11.4	17.0	

Manual Integrations
 APPROVED

mohammad
 4/24/2020 1:35:08 PM



#64
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.39 min Scan# 2435
 Delta R.T. 0.00 min
 Lab File: BG045151.D
 Acq: 23 Apr 2020 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	734044		
94	7.0	6.2	9.4	
80	7.7	7.0	10.6	

