

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116699.D
 Acq On : 31 Aug 2019 15:11
 Operator : HP/JU
 Sample : K4646-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S602A-M-1.0-1.5-083019MS

Manual Integrations
 APPROVED

mohammad
 9/5/2019 9:23:31 AM

Quant Time: Aug 31 17:52:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	108465	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	432849	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	220128	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	366080	20.00	ng	0.00
76) Chrysene-d12	14.00	240	210065	20.00	ng	0.00
87) Perylene-d12	15.44	264	262152	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	878312	131.19	ng	0.00
7) Phenol-d6	6.48	99	1218070	138.55	ng	0.00
23) Nitrobenzene-d5	7.41	82	750074	98.93	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	235257	159.86	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1109353	85.01	ng	0.00
79) Terphenyl-d14	12.94	244	944285	83.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	106188	34.358	ng	98
3) Pyridine	3.36	79	277436	31.003	ng	93
4) n-Nitrosodimethylamine	3.29	42	118759	38.648	ng	81
6) Aniline	6.51	93	361502	29.689	ng	97
8) 2-Chlorophenol	6.63	128	311327	42.597	ng	94
9) Benzaldehyde	6.39	77	224571	38.773	ng	98
10) Phenol	6.49	94	418271	42.966	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	308770	40.734	ng	97
12) 1,3-Dichlorobenzene	6.79	146	319143	38.636	ng	97
13) 1,4-Dichlorobenzene	6.87	146	325358	39.563	ng	98
14) 1,2-Dichlorobenzene	7.02	146	307631	40.365	ng	97
15) Benzyl Alcohol	6.99	79	300120	42.055	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	342886	38.555	ng	99
17) 2-Methylphenol	7.10	107	271097	42.372	ng	96
18) Hexachloroethane	7.36	117	124320	38.910	ng	# 89
19) n-Nitroso-di-n-propylamine	7.26	70	233842	40.397	ng	94
20) 3+4-Methylphenols	7.25	107	326839	43.936	ng	# 84
22) Acetophenone	7.26	105	445833	42.783	ng	# 91
24) Nitrobenzene	7.43	77	352129	45.663	ng	95
25) Isophorone	7.67	82	648887	42.234	ng	98
26) 2-Nitrophenol	7.75	139	154670	53.949	ng	91
27) 2,4-Dimethylphenol	7.78	122	288503	49.827	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	389950	41.533	ng	98
29) 2,4-Dichlorophenol	7.99	162	255344	45.888	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	254563	42.178	ng	97
31) Naphthalene	8.15	128	906306	44.033	ng	100
32) Benzoic acid	7.89	122	130574	39.939	ng	96
33) 4-Chloroaniline	8.19	127	141405	15.093	ng	97
34) Hexachlorobutadiene	8.27	225	137654	41.830	ng	99
35) Caprolactam	8.56	113	94237m	45.253	ng	
36) 4-Chloro-3-methylphenol	8.68	107	303140	47.399	ng	94
37) 2-Methylnaphthalene	8.85	142	621808	45.405	ng	96
38) 1-Methylnaphthalene	8.94	142	581739	45.000	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	229889	43.565	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	199932	65.611	nq	97
43) 2,4,6-Trichlorophenol	9.12	196	174573	48.261	nq	96
44) 2,4,5-Trichlorophenol	9.16	196	183955	48.984	nq	94
46) 1,1'-Biphenyl	9.30	154	727469	43.552	nq	97
47) 2-Chloronaphthalene	9.33	162	577643	43.662	nq	99
48) 2-Nitroaniline	9.42	65	186622	48.793	nq	98
49) Acenaphthylene	9.75	152	914188	45.712	nq	99
50) Dimethylphthalate	9.60	163	750978	49.414	nq	99
51) 2,6-Dinitrotoluene	9.66	165	148616	51.254	nq	95
52) Acenaphthene	9.92	154	572812	46.616	nq	99
53) 3-Nitroaniline	9.83	138	106708	29.366	nq	93
54) 2,4-Dinitrophenol	9.93	184	71897	71.024	nq	89
55) Dibenzofuran	10.09	168	800433	46.208	nq	99
56) 4-Nitrophenol	9.99	139	261586	104.987	nq	89
57) 2,4-Dinitrotoluene	10.06	165	199084	56.151	nq	94
58) Fluorene	10.43	166	617320	46.770	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	138954	51.269	nq	# 97
60) Diethylphthalate	10.30	149	682097	44.806	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	263251	45.547	nq	94
62) 4-Nitroaniline	10.44	138	164773	46.725	nq	93
63) Azobenzene	10.58	77	727555	45.834	nq	95
65) 4,6-Dinitro-2-methylphenol	10.47	198	61588	46.040	nq	91
66) n-Nitrosodiphenylamine	10.54	169	569649	44.982	nq	98
67) 4-Bromophenyl-phenylether	10.91	248	159656	42.931	nq	98
68) Hexachlorobenzene	10.98	284	163400	41.995	nq	97
69) Atrazine	11.06	200	162455	45.803	nq	99
70) Pentachlorophenol	11.17	266	171229	90.972	nq	100
71) Phenanthrene	11.39	178	905253	44.422	nq	99
72) Anthracene	11.44	178	929681	45.320	nq	100
73) Carbazole	11.59	167	866681	44.353	nq	99
74) Di-n-butylphthalate	11.93	149	1112095	44.394	nq	99
75) Fluoranthene	12.57	202	860910	42.988	nq	98
77) Benzidine	12.69	184	452311	54.897	nq	99
78) Pyrene	12.80	202	840908	45.032	nq	98
80) Butylbenzylphthalate	13.42	149	424366	46.732	nq	99
81) Benzo(a)anthracene	13.99	228	584848	43.990	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	195719	43.561	nq	100
83) Chrysene	14.02	228	606357	44.269	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	560657	50.016	nq	99
85) Di-n-octyl phthalate	14.59	149	921368	50.227	nq	96
86) Indeno(1,2,3-cd)pyrene	16.90	276	685907	62.345	nq	# 94
88) Benzo(b)fluoranthene	15.03	252	630346	39.771	nq	97
89) Benzo(k)fluoranthene	15.06	252	593105	41.042	nq	98
90) Benzo(a)pyrene	15.39	252	615654	44.648	nq	98
91) Dibenzo(a,h)anthracene	16.92	278	571648	47.362	nq	# 94
92) Benzo(g,h,i)perylene	17.33	276	547734	44.497	nq	# 93

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



#1

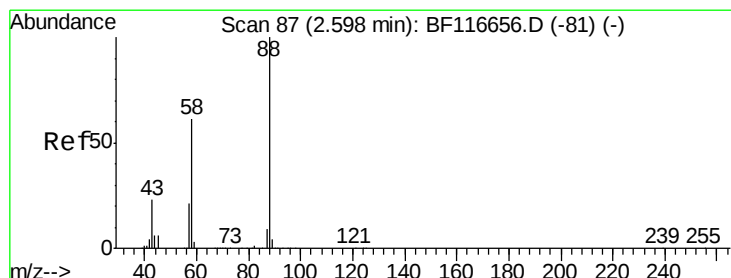
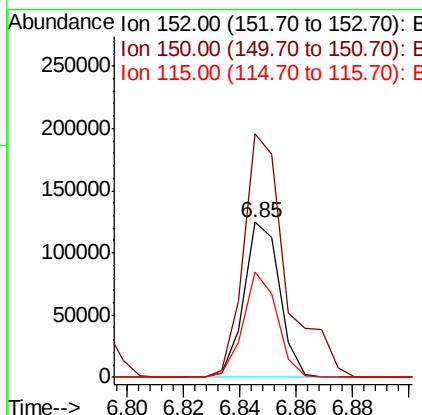
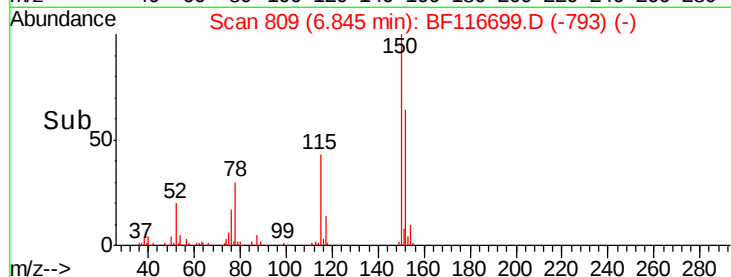
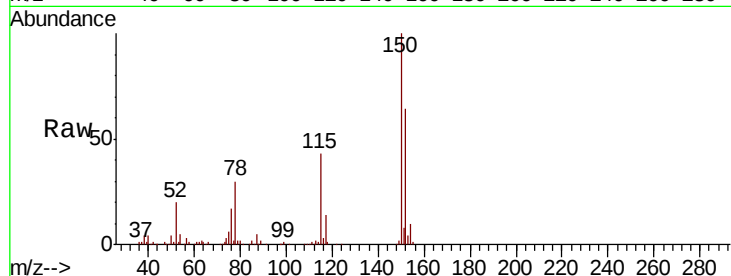
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.4	186.6
115	68.3	49.9	74.9

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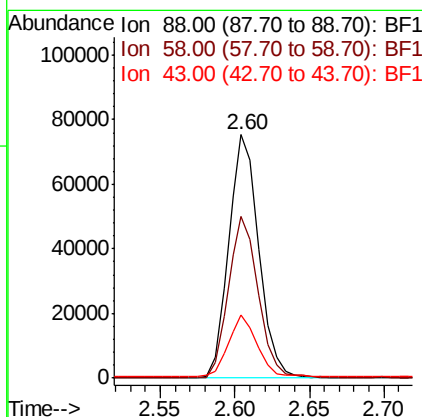
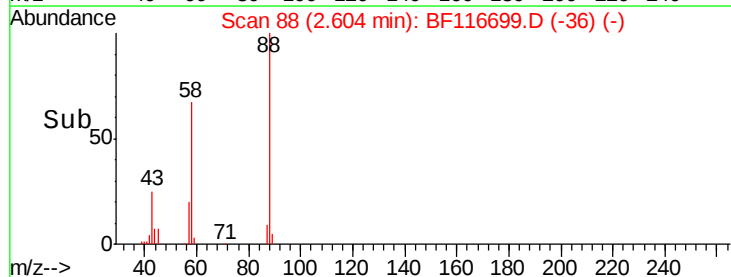
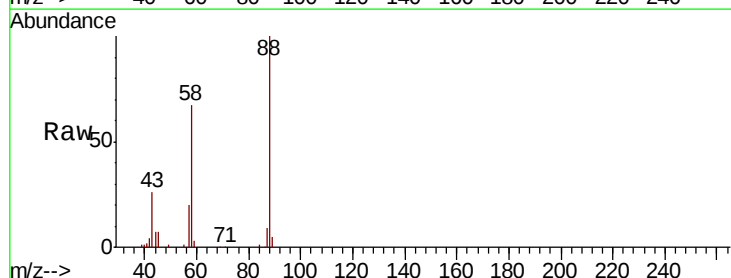
mohammad
9/5/2019 9:23:31 AM



#2

1,4-Dioxane
Concen: 34.358 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.2	51.7	77.5
43	24.4	19.8	29.8





#3

Pvridine

Concen: 31.003 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.02 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Instrument :

BNA_F

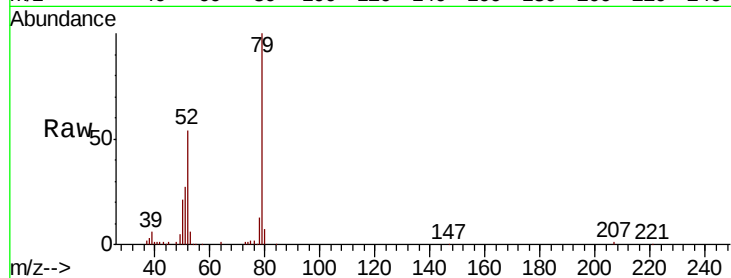
ClientSampleId :

S602A-M-1.0-1.5-083019MS

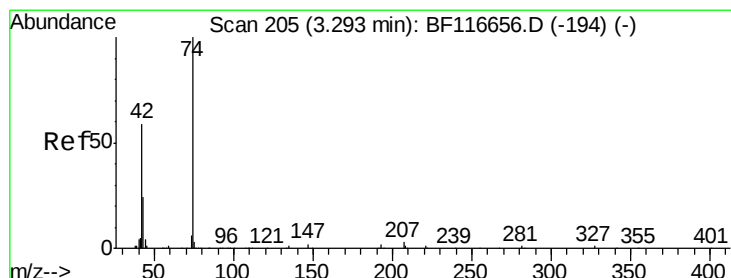
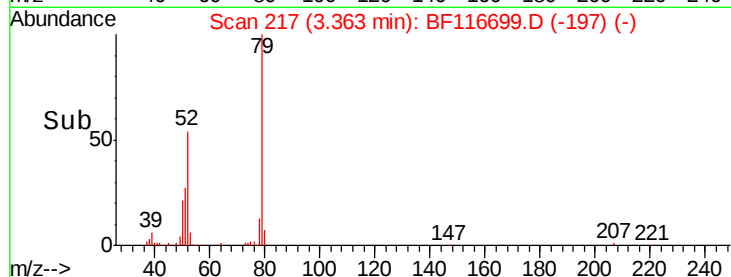
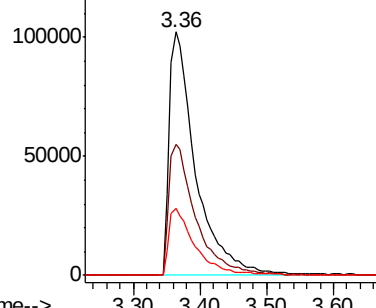
Tot Ion:	79	Resp:	277436
Ion	Ratio	Lower	Upper
79	100		
52	53.6	47.4	71.0
51	27.3	24.1	36.1

Manual Integrations
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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.648 ng

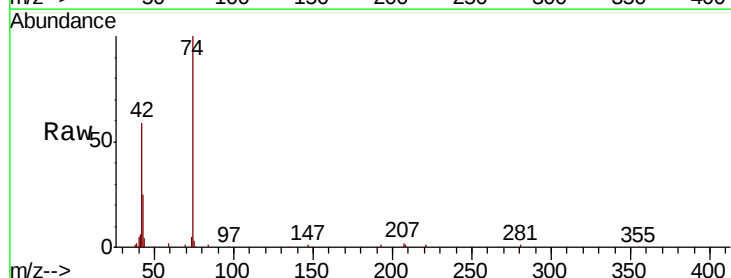
RT: 3.29 min Scan# 205

Delta R.T. 0.00 min

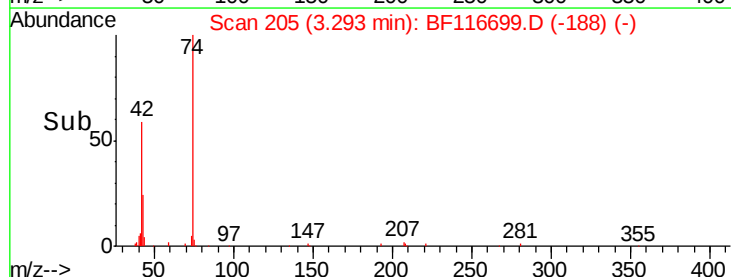
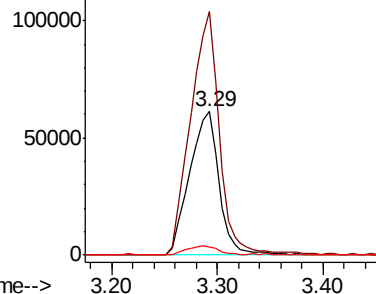
Lab File: BF116699.D

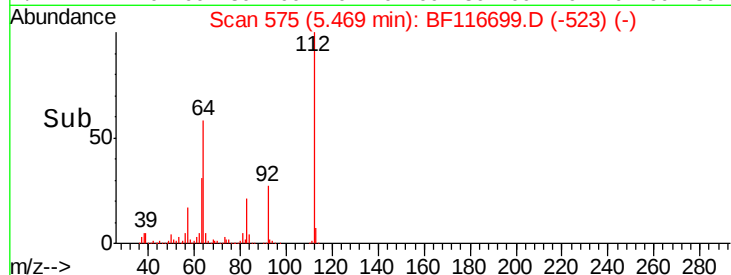
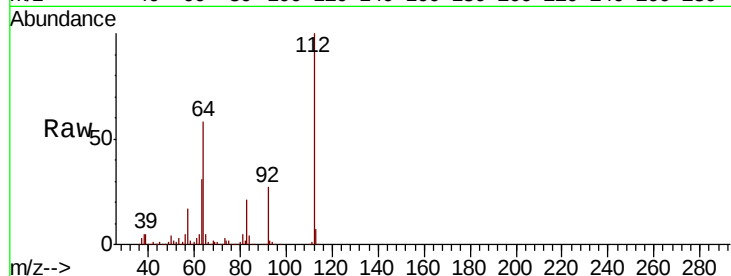
Acq: 31 Aug 2019 15:11

Tgt Ion:	42	Resp:	118759
Ion	Ratio	Lower	Upper
42	100		
74	169.4	115.6	173.4
44	6.0	4.6	7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





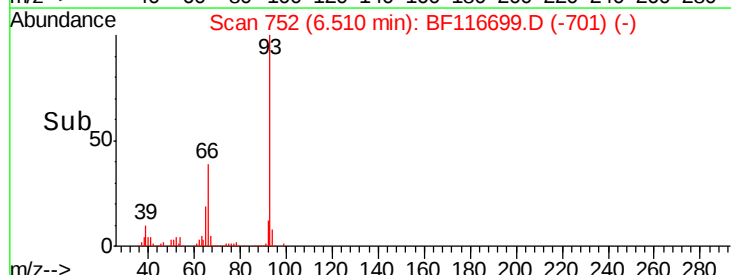
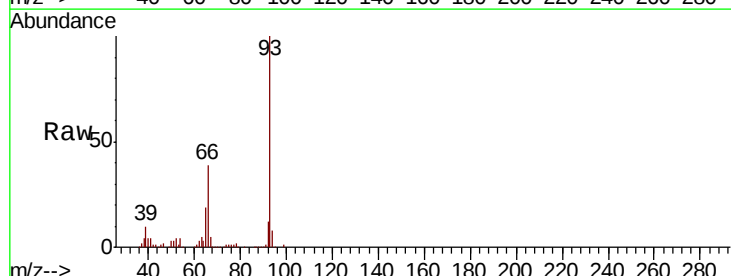
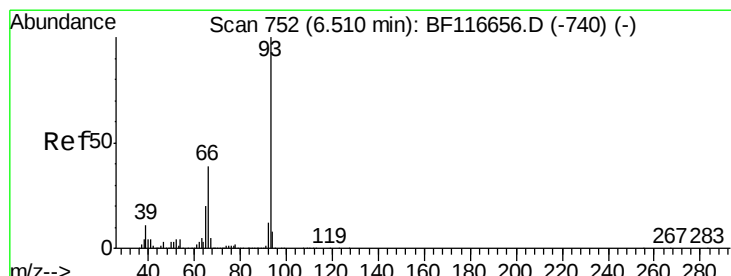
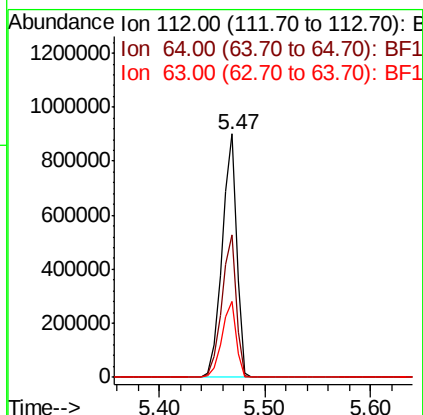
#5
2-Fluorophenol
Concen: 131.187 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		878312		
64	58.4	47.1	70.7		
63	31.2	24.9	37.3		

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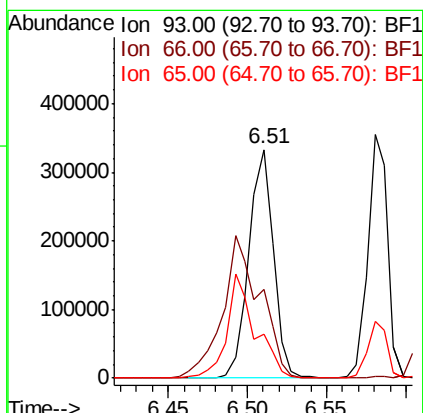
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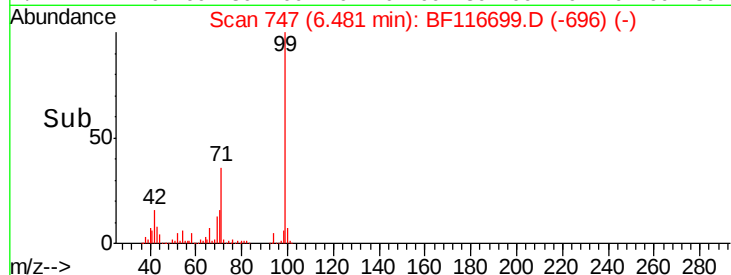
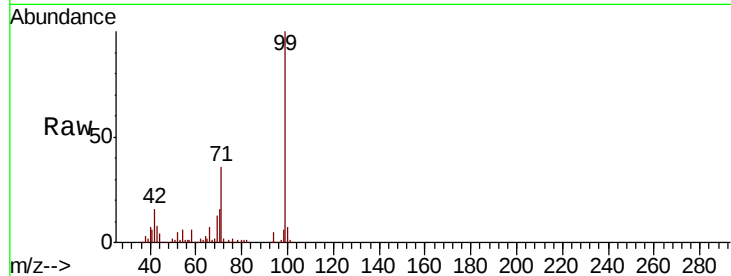
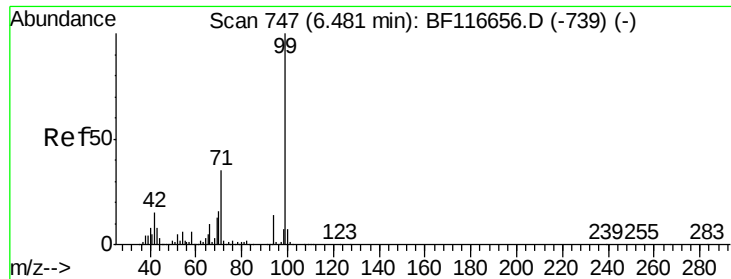
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#6
Aniline
Concen: 29.689 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		361502		
66	38.7	32.7	49.1		
65	19.3	16.3	24.5		





#7

Phenol-d6

Concen: 138.552 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Tot Ion:	99	Resp:	1218070
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.7	20.5
71	36.2	30.8	46.2

Instrument :

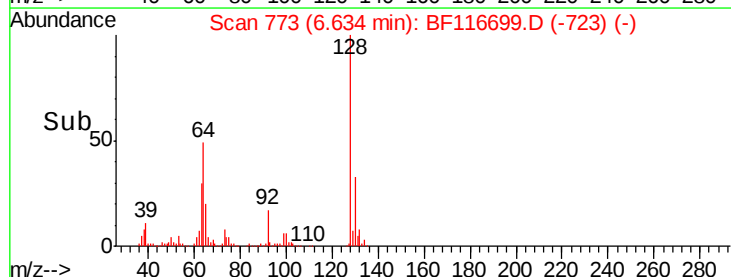
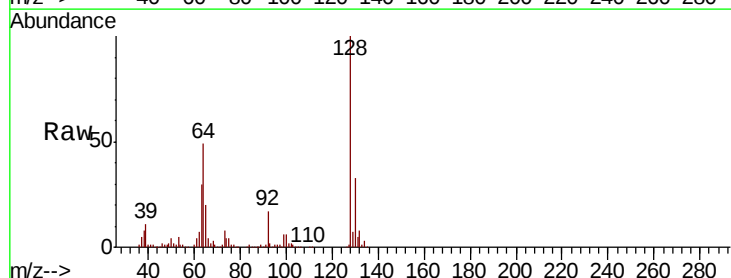
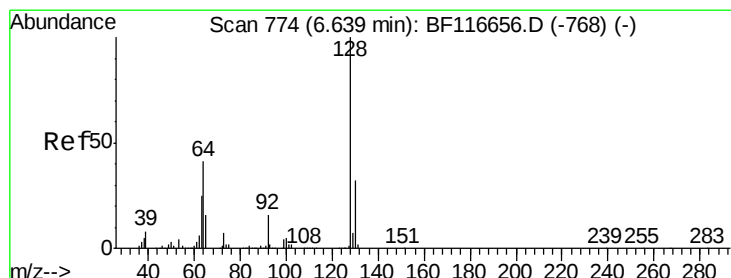
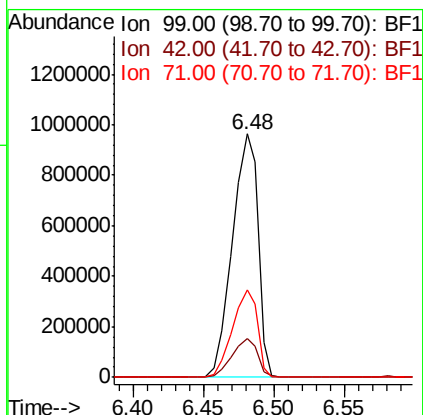
BNA_F

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#8

2-Chlorophenol

Concen: 42.597 ng

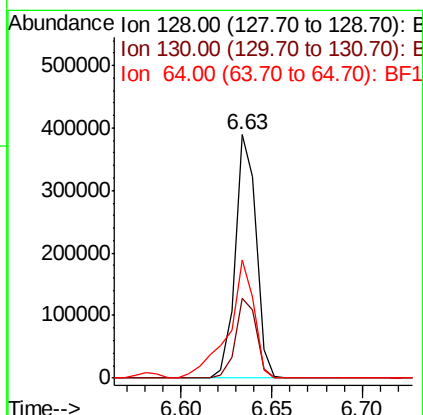
RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Tgt Ion:	128	Resp:	311327
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.3	52.3
64	48.6	22.5	62.5





#9

Benzaldehyde

Concen: 38.773 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Instrument :

BNA_F

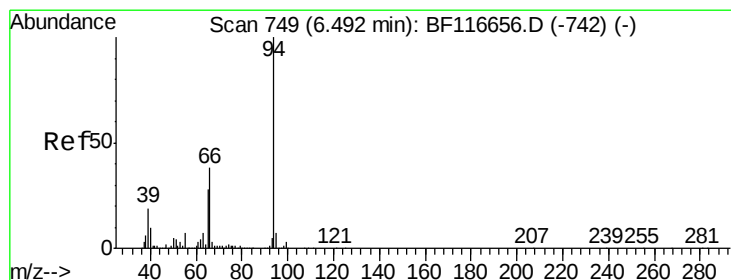
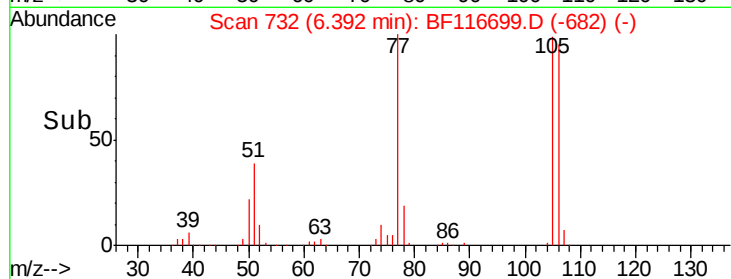
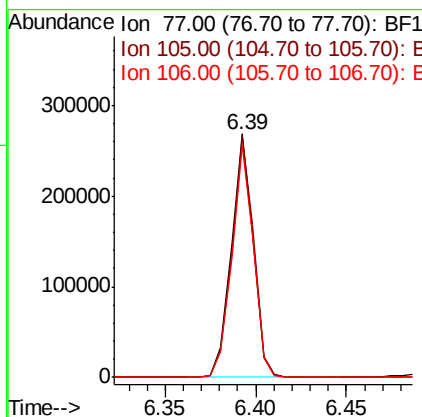
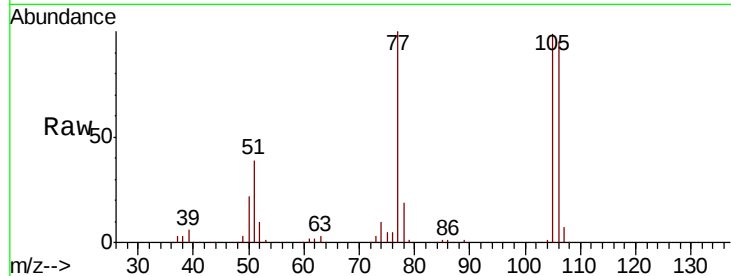
ClientSampleId :

S602A-M-1.0-1.5-083019MS

Tot Ion:	77	Resp:	224571
Ion Ratio	Lower	Upper	
77	100		
105	98.9	76.7	116.7
106	95.3	73.1	113.1

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#10

Phenol

Concen: 42.966 ng

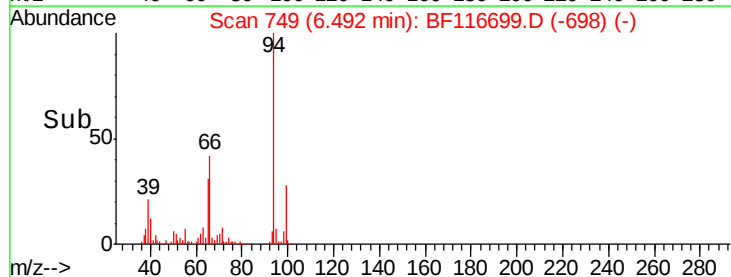
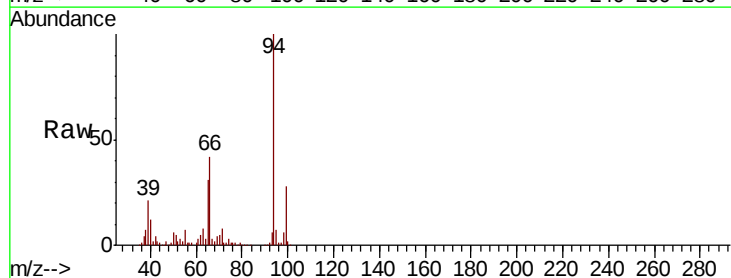
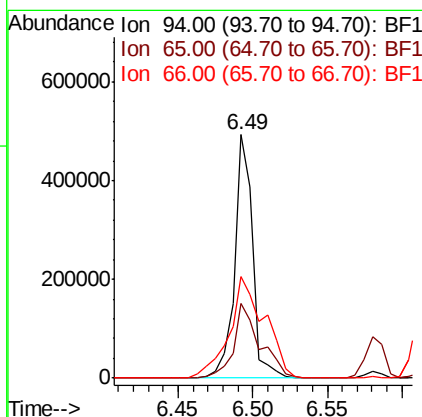
RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Tgt Ion:	94	Resp:	418271
Ion Ratio	Lower	Upper	
94	100		
65	30.9	10.8	50.8
66	42.0	21.1	61.1





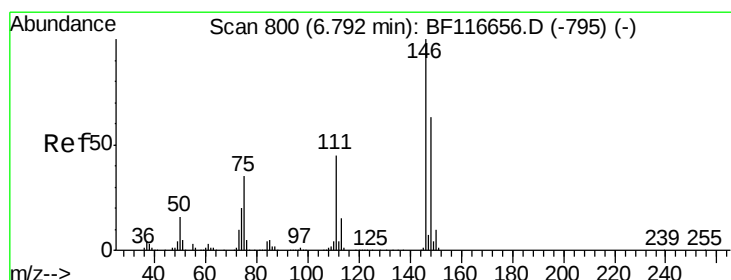
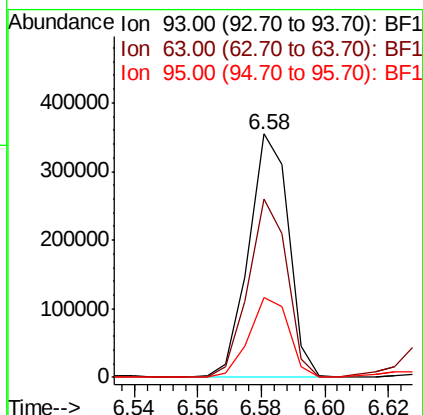
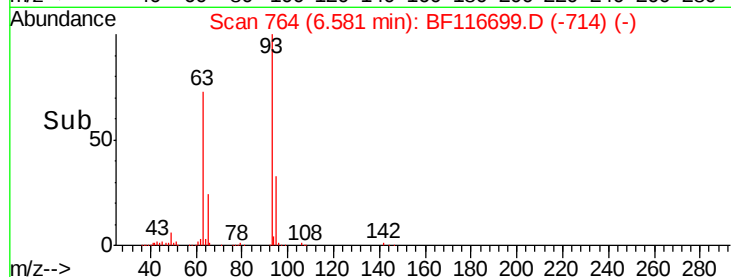
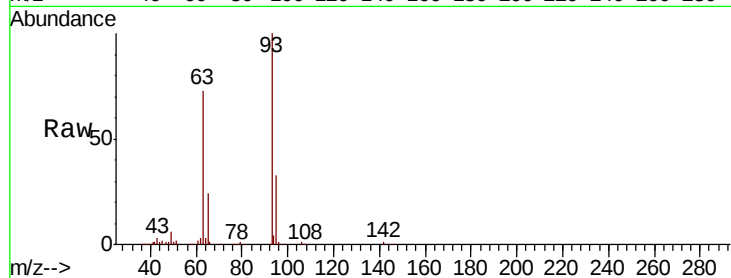
#11
bis(2-Chloroethyl)ether
Concen: 40.734 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	73.4	49.9	89.9	
95	32.7	12.7	52.7	

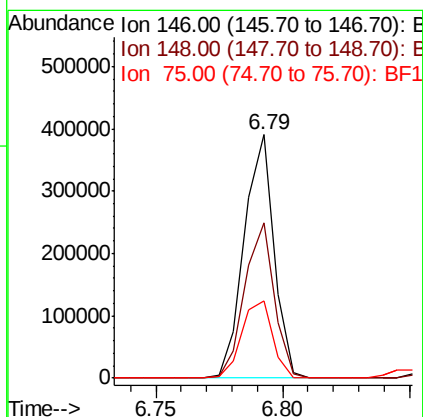
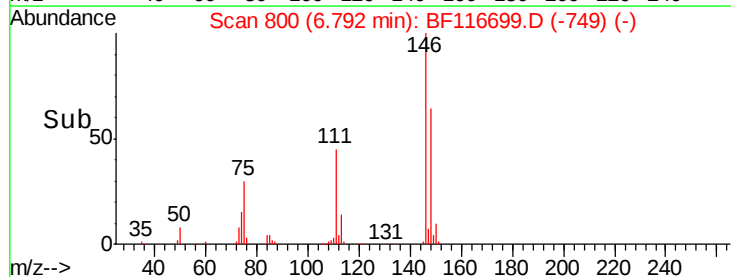
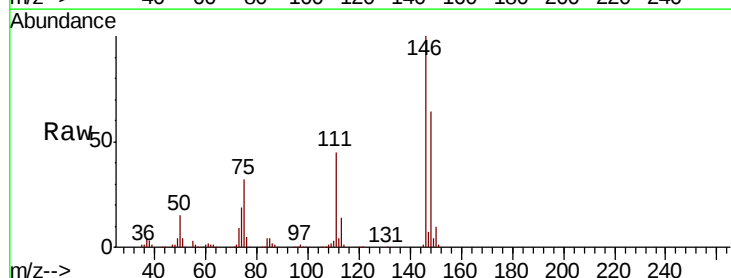
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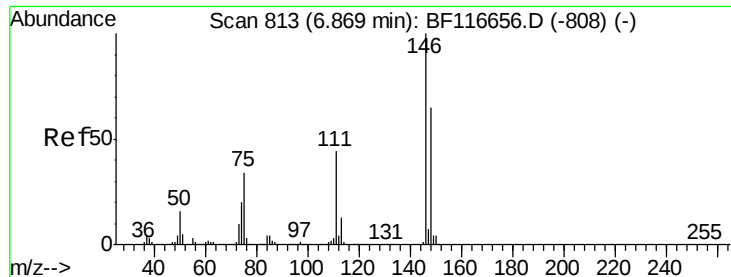
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.636 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.0	51.4	77.0	
75	31.8	29.6	44.4	





#13

1,4-Dichlorobenzene

Concen: 39.563 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Instrument :

BNA_F

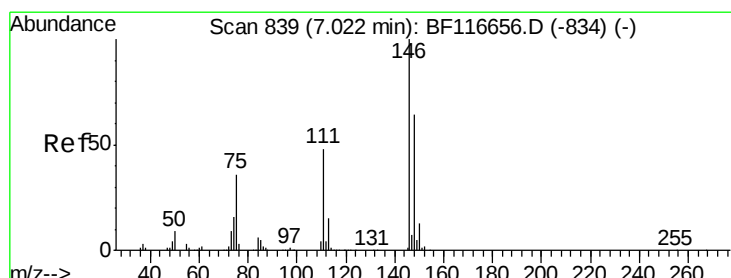
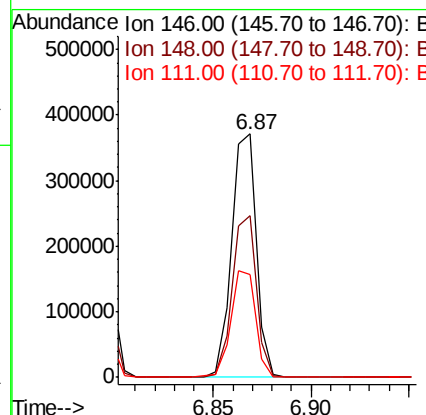
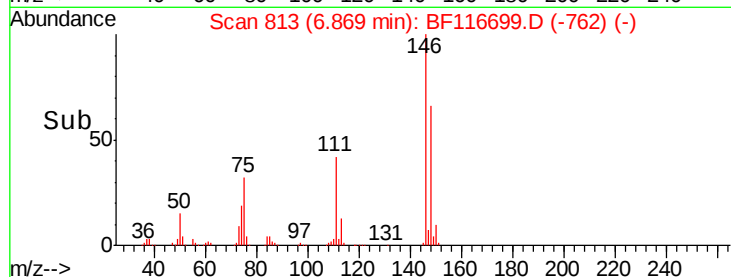
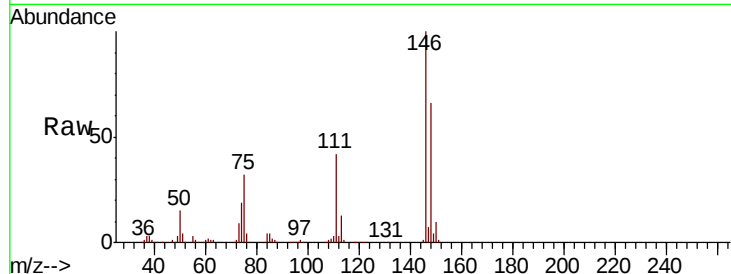
ClientSampleId :

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Tot Ion:	146	Resp:	325358
Ion Ratio	Lower	Upper	
146	100		
148	66.4	51.4	77.2
111	42.4	34.8	52.2

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#14

1,2-Dichlorobenzene

Concen: 40.365 ng

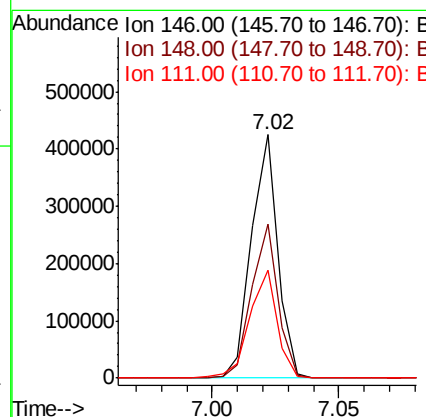
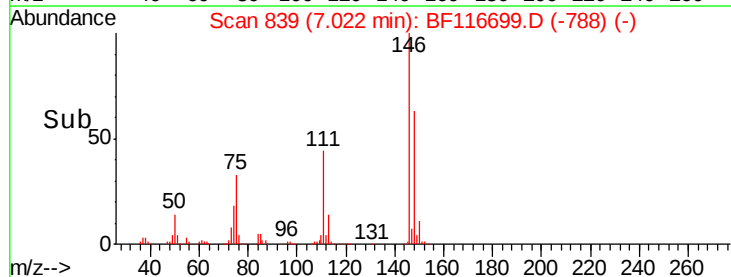
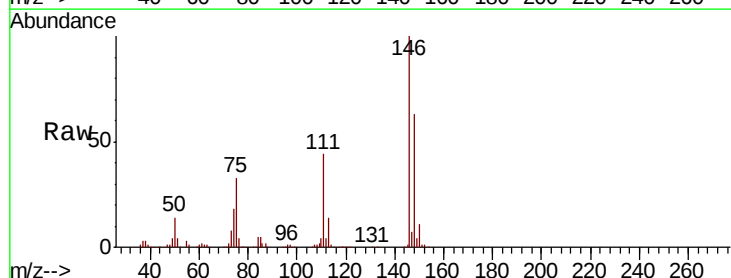
RT: 7.02 min Scan# 839

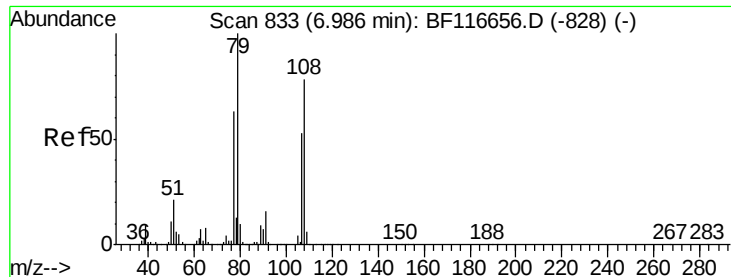
Delta R.T. 0.00 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Tgt Ion:	146	Resp:	307631
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.6	78.8
111	44.3	34.2	51.4





#15

Benzyl Alcohol

Concen: 42.055 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Instrument :

BNA_F

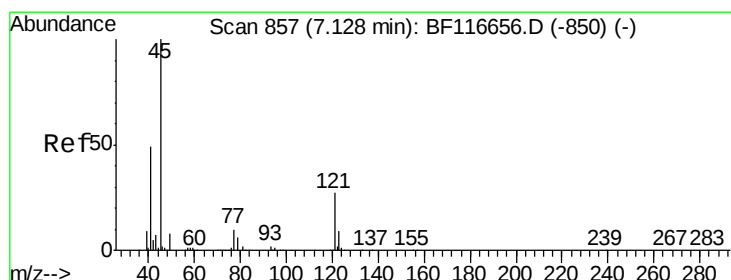
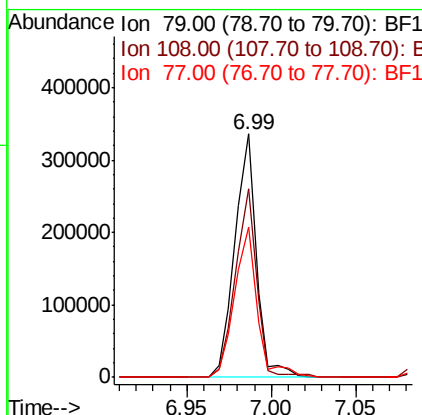
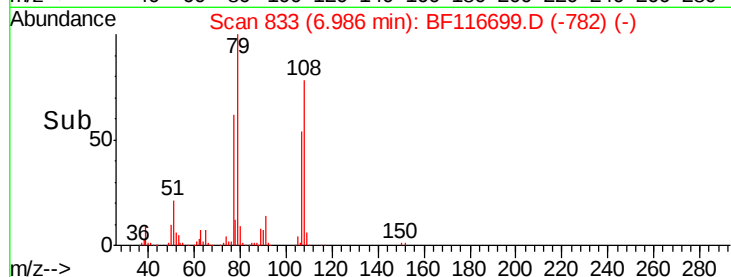
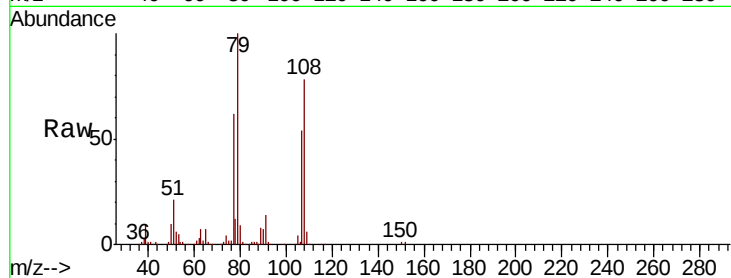
ClientSampleId :

S602A-M-1.0-1.5-083019MS

Tot Ion:	79	Resp:	300120
Ion Ratio	Lower	Upper	
79	100		
108	77.7	59.2	88.8
77	61.6	53.0	79.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.555 ng

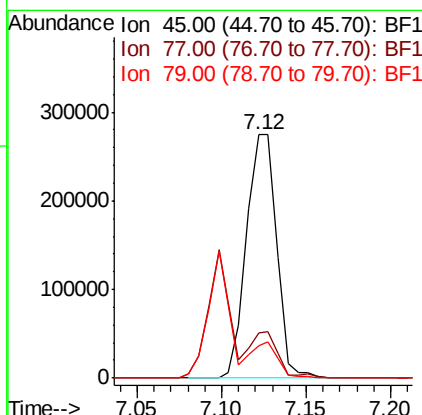
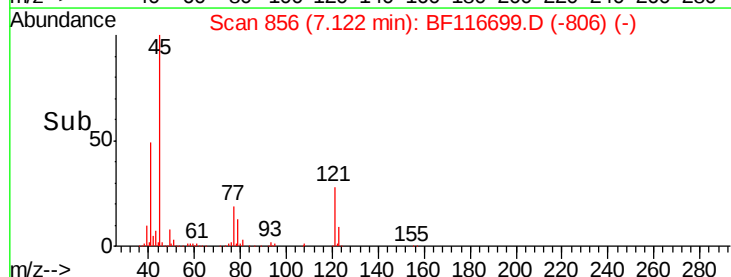
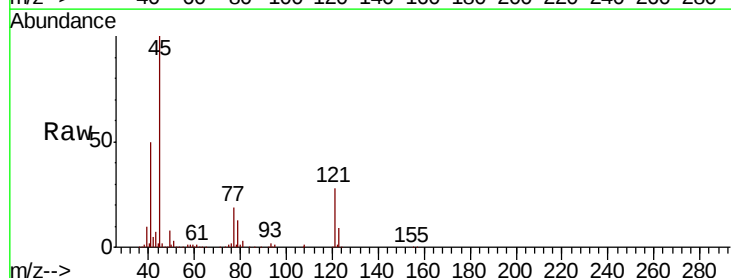
RT: 7.12 min Scan# 856

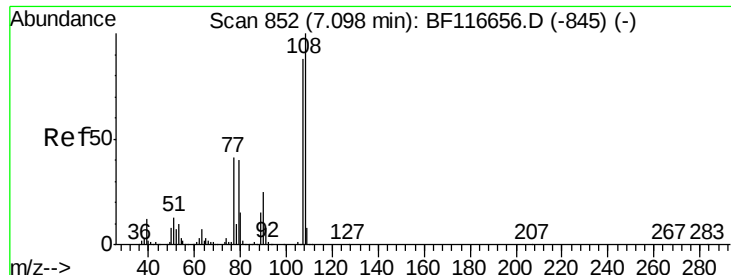
Delta R.T. -0.01 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Tgt Ion:	45	Resp:	342886
Ion Ratio	Lower	Upper	
45	100		
77	18.6	0.0	38.2
79	13.5	0.0	33.9





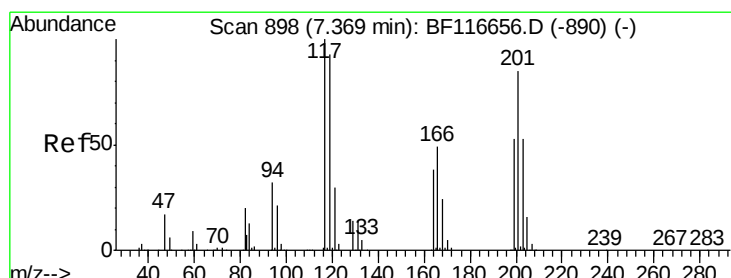
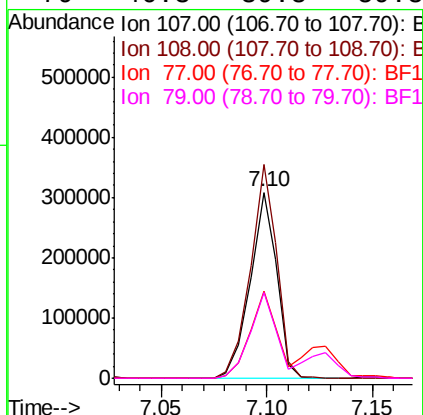
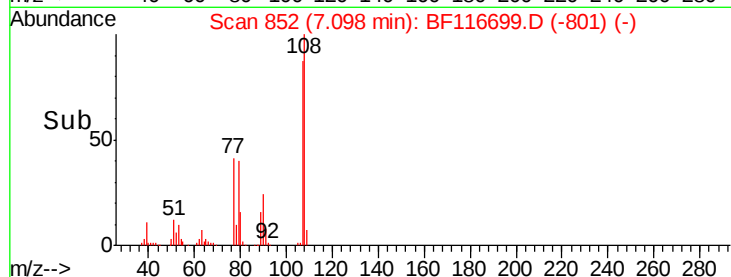
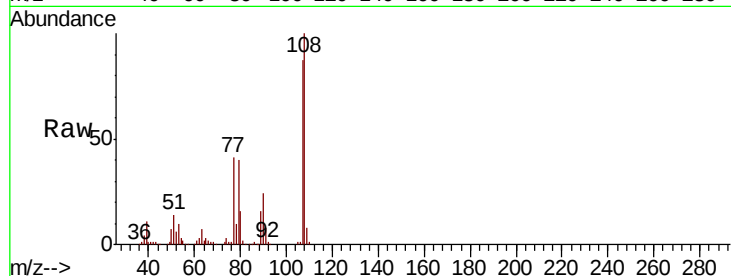
#17
2-Methylphenol
Concen: 42.372 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.8	88.3	132.5	
77	46.9	39.9	59.9	
79	46.3	39.8	59.8	

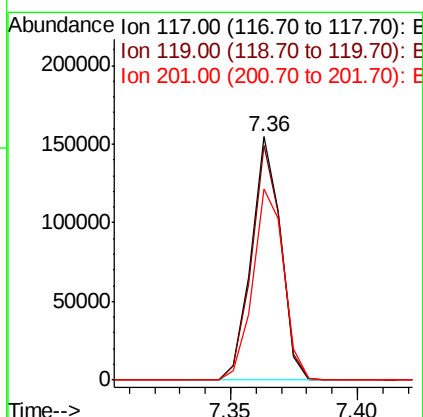
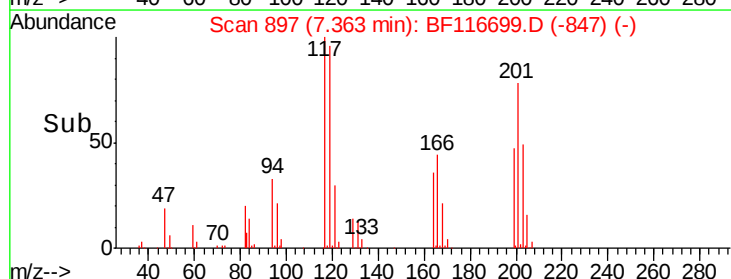
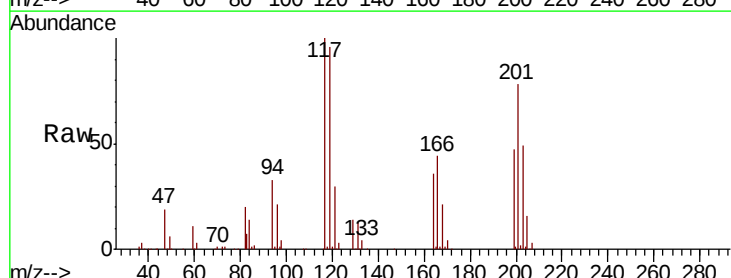
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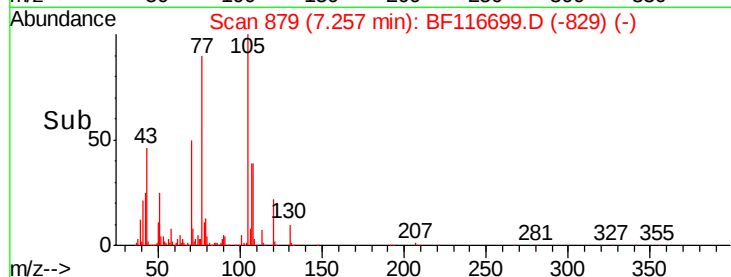
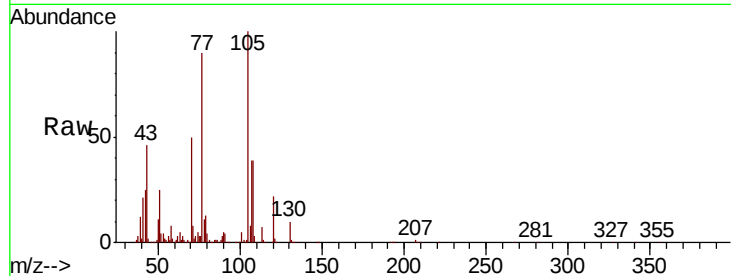
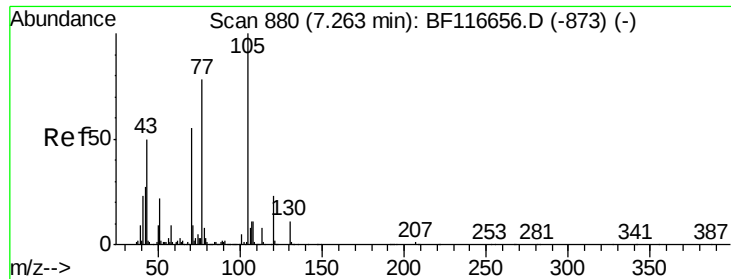
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#18
Hexachloroethane
Concen: 38.910 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	76.9	115.3	
201	78.3	79.4	119.0#	





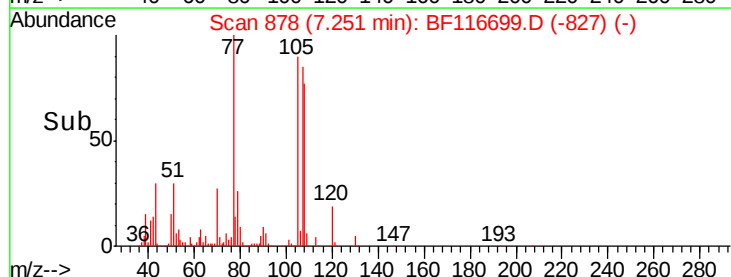
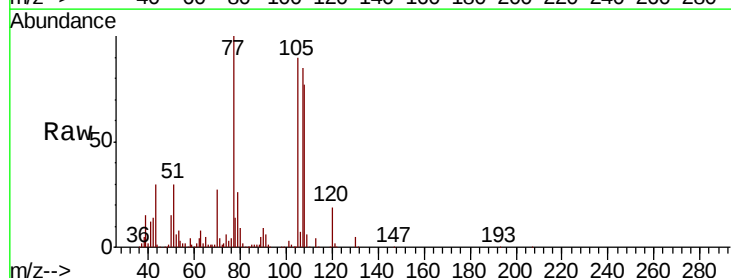
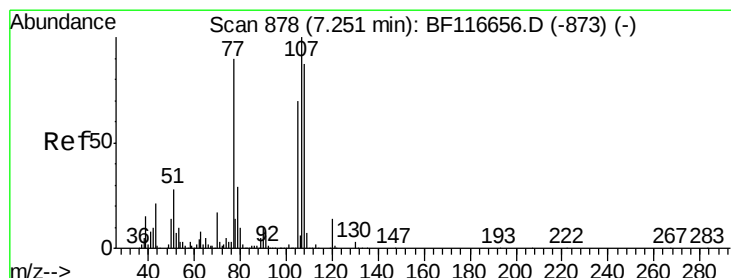
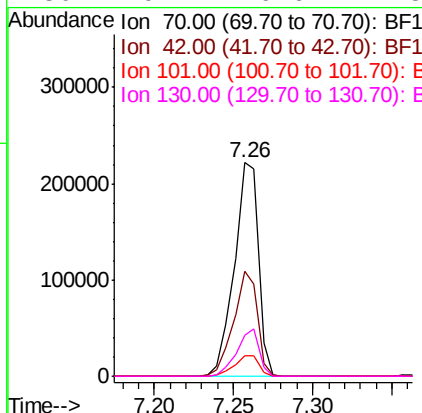
#19
n-Nitroso-di-n-propylamine
Concen: 40.397 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.0	43.5	65.3
101	9.6	7.8	11.6
130	19.4	16.6	24.8

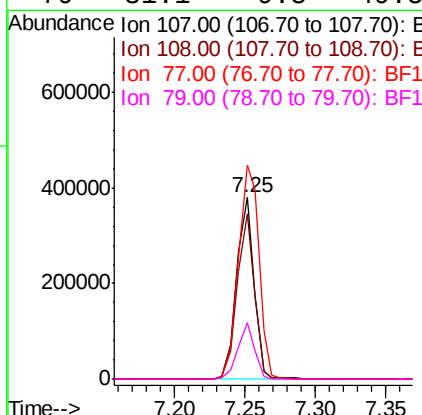
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#20
3+4-Methylphenols
Concen: 43.936 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	65.5	105.5
77	117.8	69.4	109.4#
79	31.1	9.5	49.5





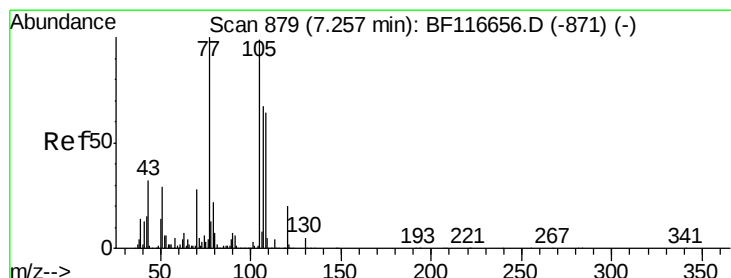
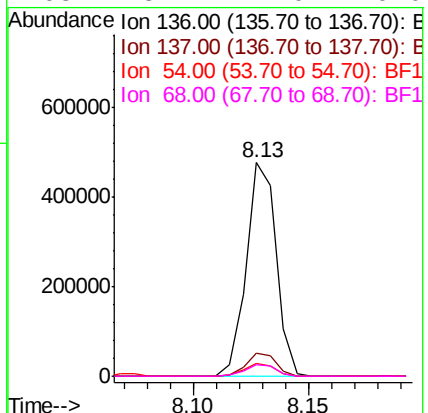
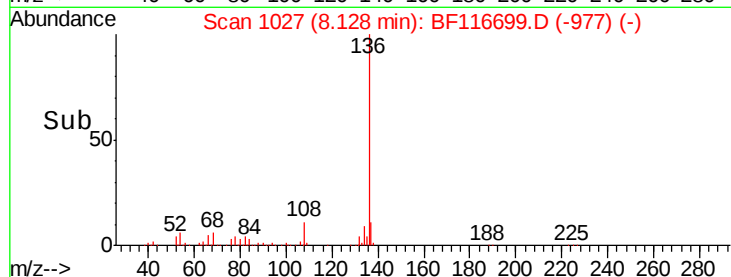
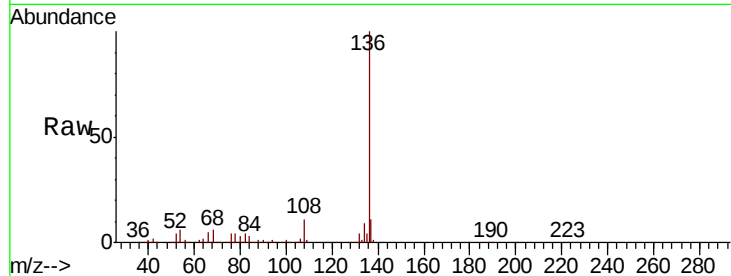
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	432849		
137	10.9	8.9	13.3	
54	6.1	4.8	7.2	
68	5.7	4.0	6.0	

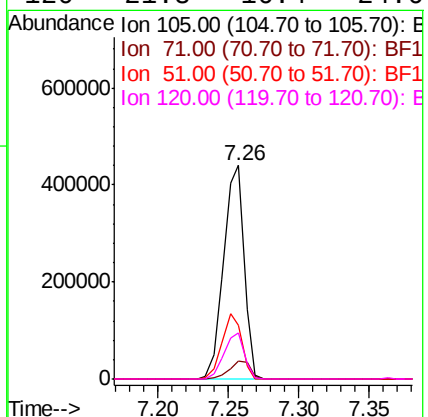
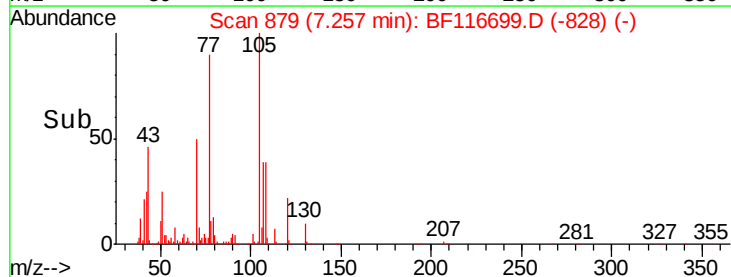
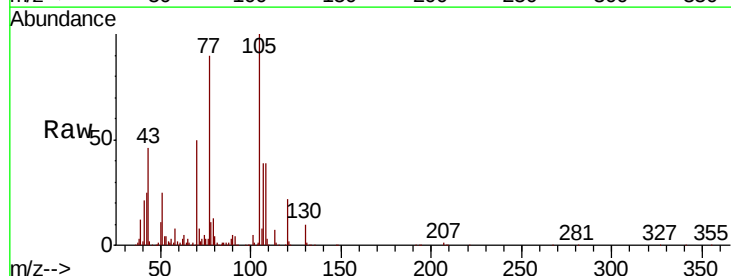
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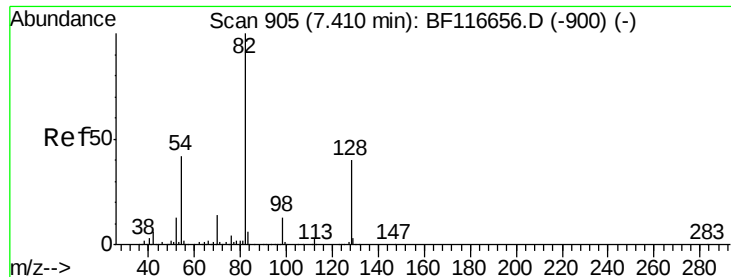
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#22
Acetophenone
Concen: 42.783 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	445833		
71	8.5	4.2	6.4#	
51	25.2	25.8	38.8#	
120	21.8	16.4	24.6	





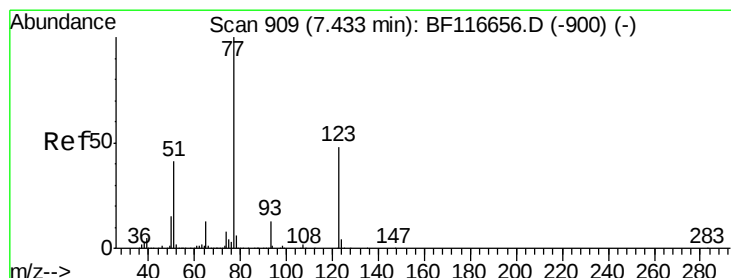
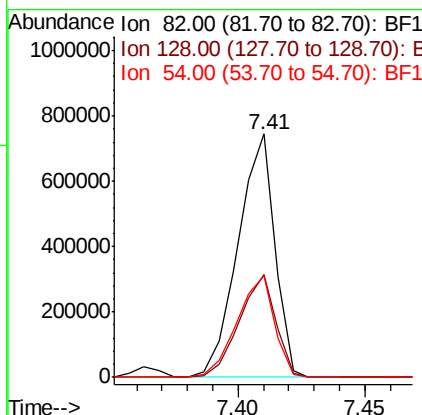
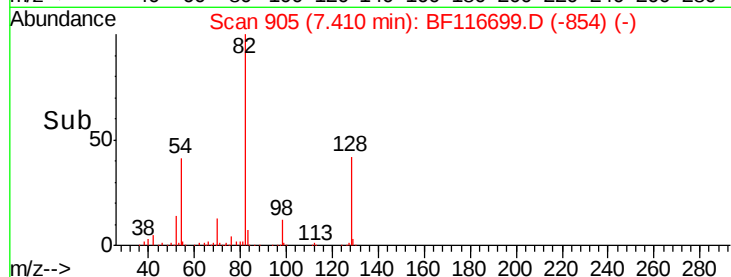
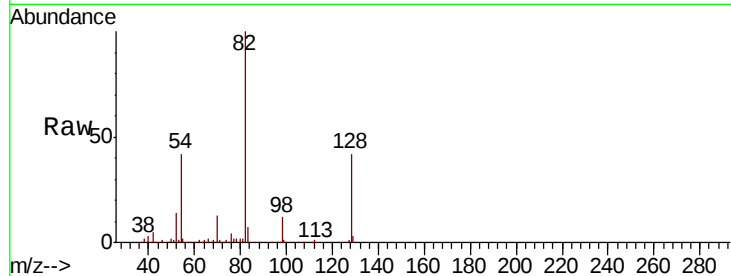
#23
 Nitrobenzene-d5
 Concen: 98.925 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF116699.D
 Acq: 31 Aug 2019 15:11

Instrument :
 BNA_F
 ClientSampleId :
 S602A-M-1.0-1.5-083019MS

Tot Ion	82	Resp	750074
Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.8	49.2
54	41.5	36.9	55.3

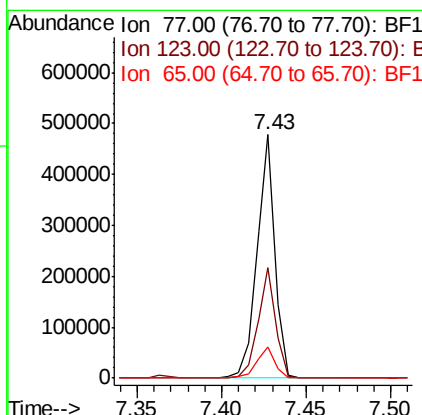
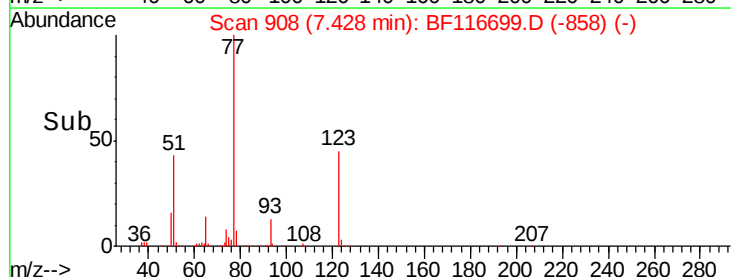
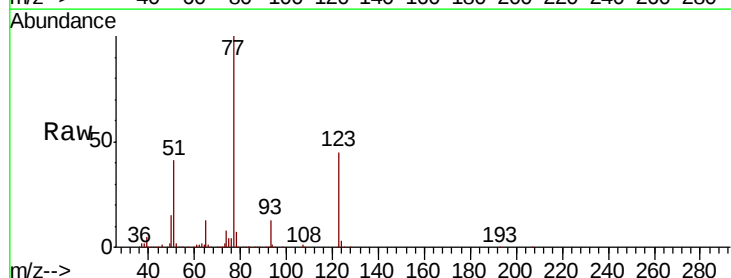
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#24
 Nitrobenzene
 Concen: 45.663 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116699.D
 Acq: 31 Aug 2019 15:11

Tgt Ion	77	Resp	352129
Ion	Ratio	Lower	Upper
77	100		
123	45.5	33.1	49.7
65	12.9	10.6	15.8





#25

Isophorone

Concen: 42.234 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Instrument :

BNA_F

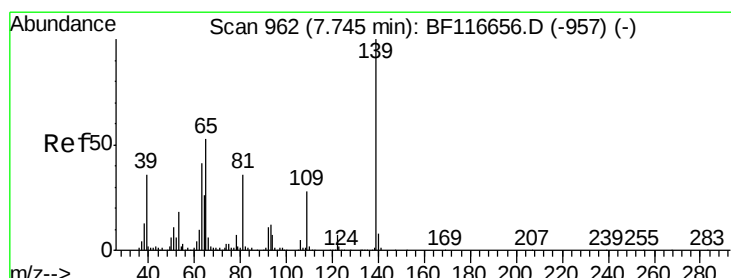
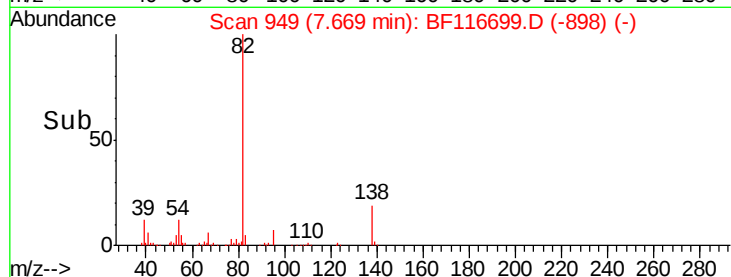
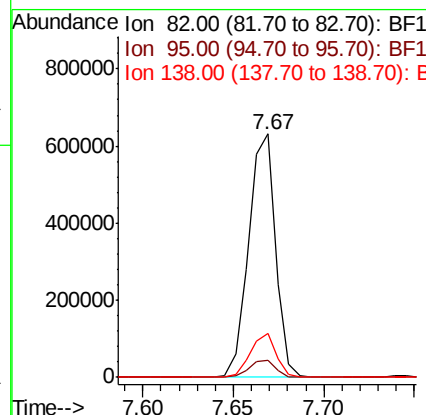
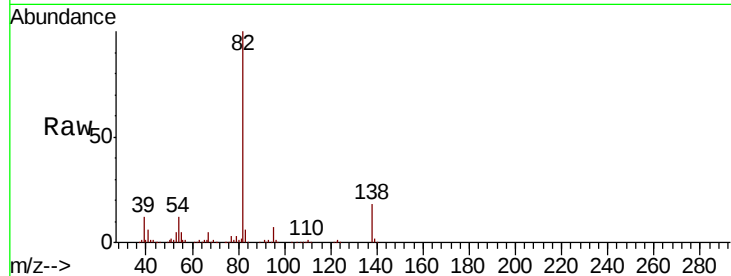
ClientSampleId :

S602A-M-1.0-1.5-083019MS

Tot Ion	82	Resp	648887
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.8	8.6
138	18.1	13.5	20.3

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#26

2-Nitrophenol

Concen: 53.949 ng

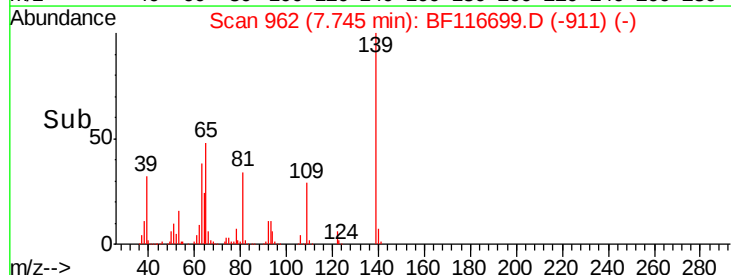
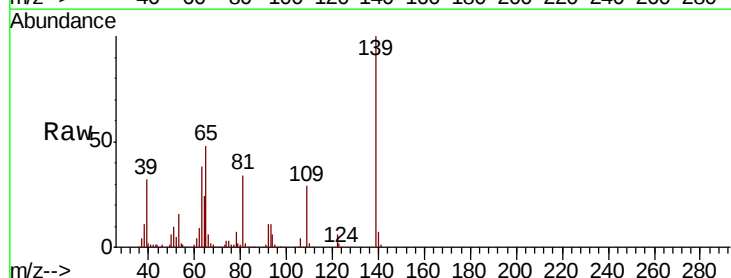
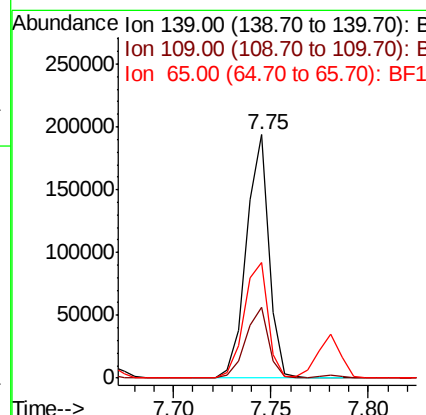
RT: 7.75 min Scan# 962

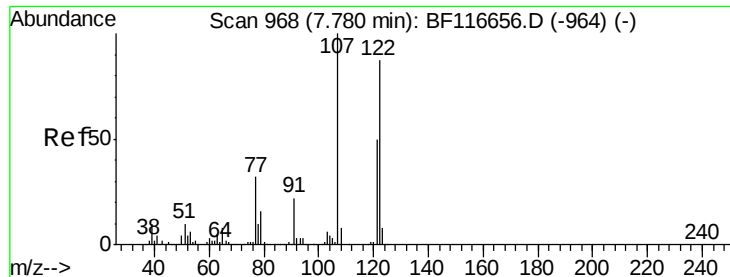
Delta R.T. 0.00 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Tgt Ion	139	Resp	154670
Ion Ratio	Lower	Upper	
139	100		
109	29.0	27.1	40.7
65	47.5	43.0	64.6





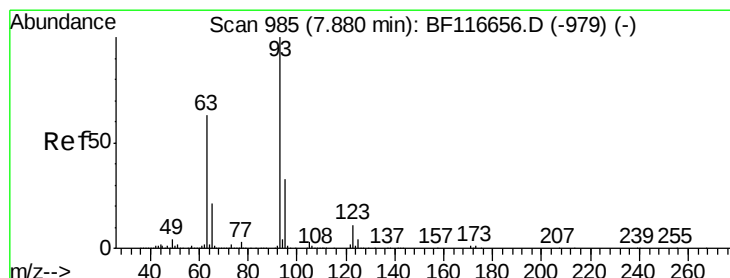
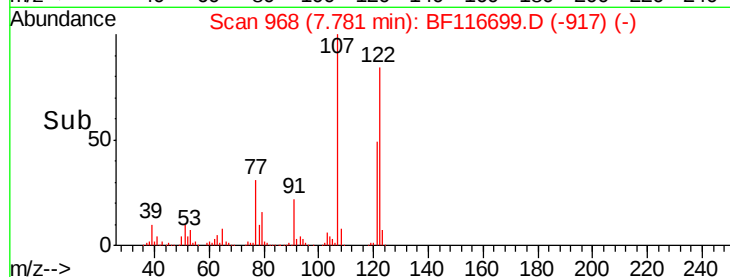
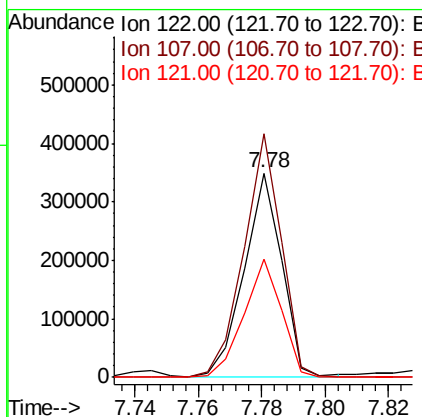
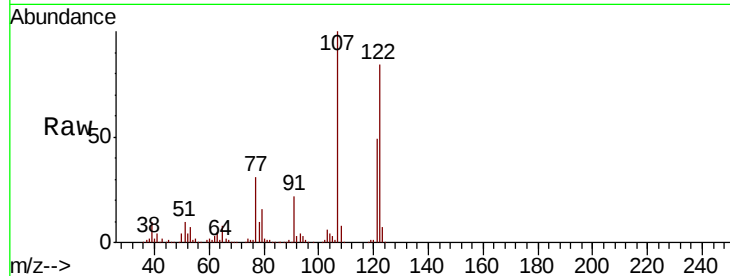
#27
2,4-Dimethylphenol
Concen: 49.827 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	288503		
107	119.2	98.1	147.1	
121	58.2	47.3	70.9	

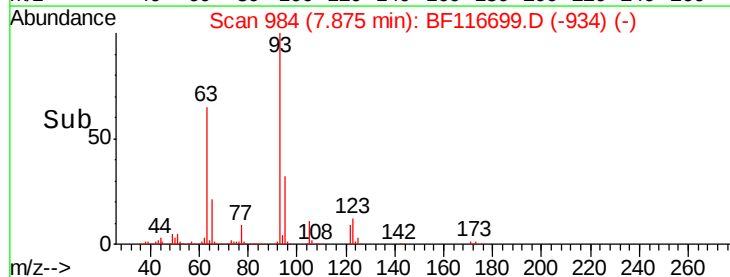
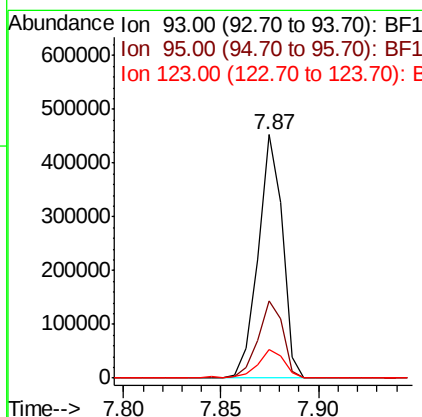
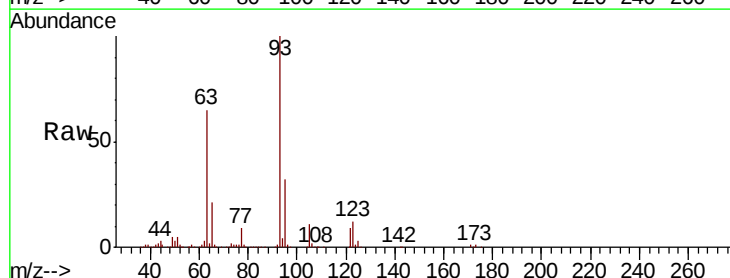
Manual Integrations
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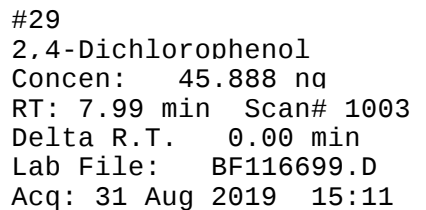
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.533 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	389950		
95	31.8	26.4	39.6	
123	12.0	9.8	14.8	



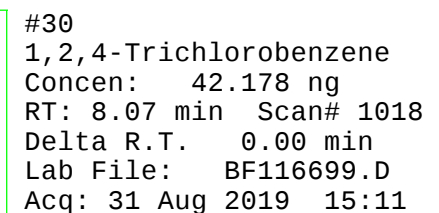
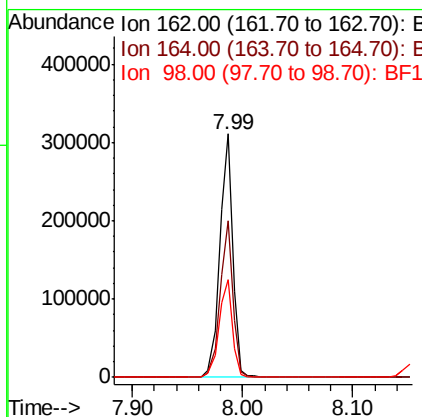


Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

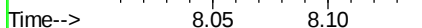
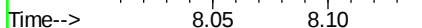
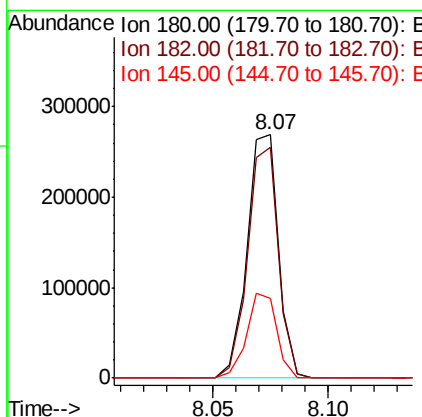
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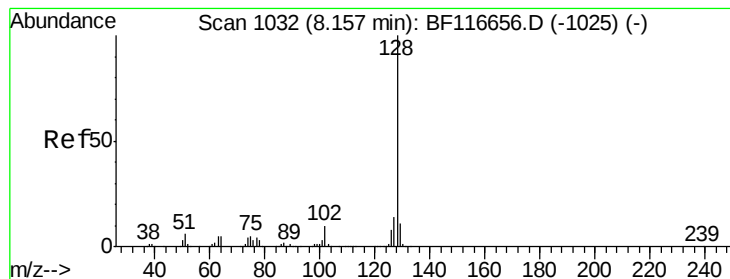
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Tot	Ion:162	Resp:	255344
Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.4	83.4
98	40.2	18.1	58.1



Tgt	Ion:180	Resp:	254563
Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.6	118.0
145	32.9	25.7	38.5





#31

Naphthalene

Concen: 44.033 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Instrument :

BNA_F

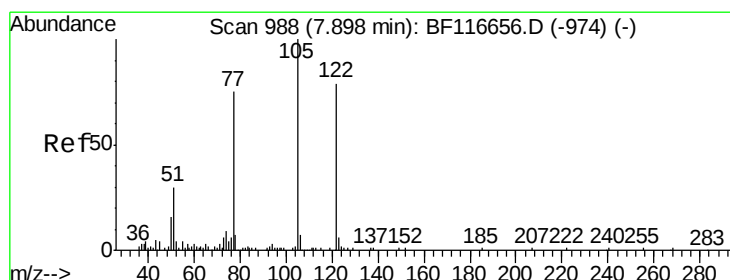
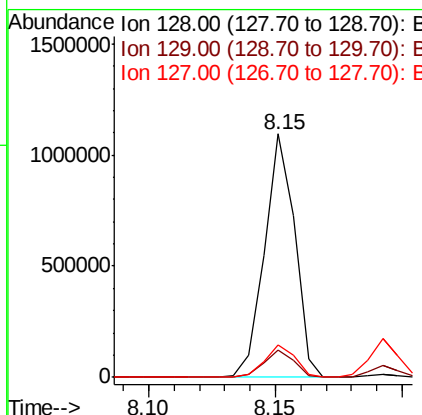
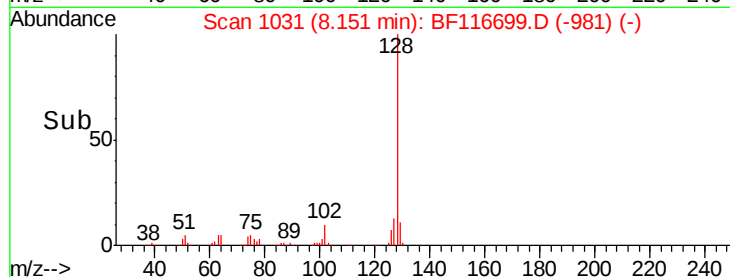
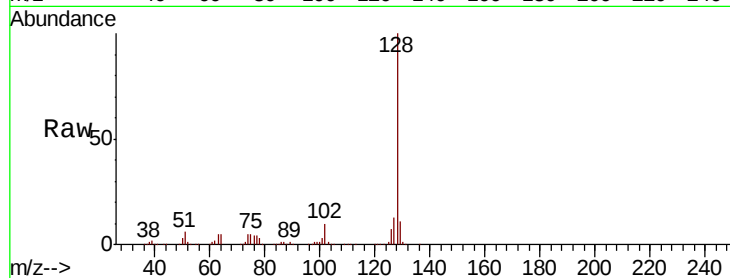
ClientSampleId :

S602A-M-1.0-1.5-083019MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	8.6	13.0	
127	13.1	10.4	15.6	

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#32

Benzoic acid

Concen: 39.939 ng

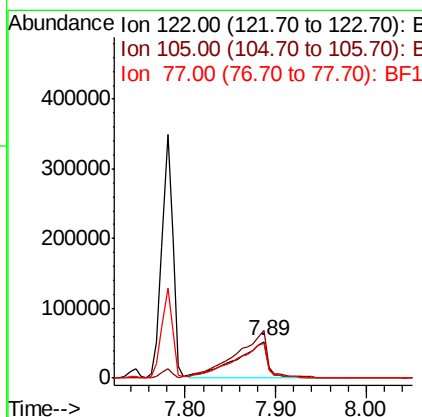
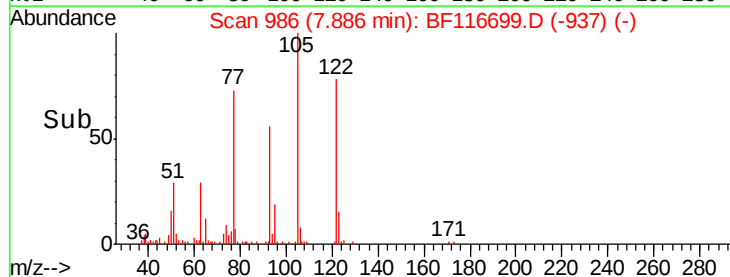
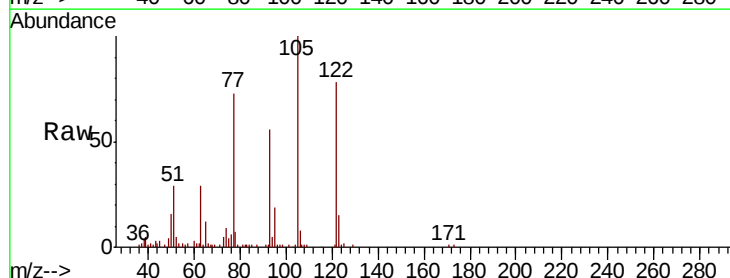
RT: 7.89 min Scan# 986

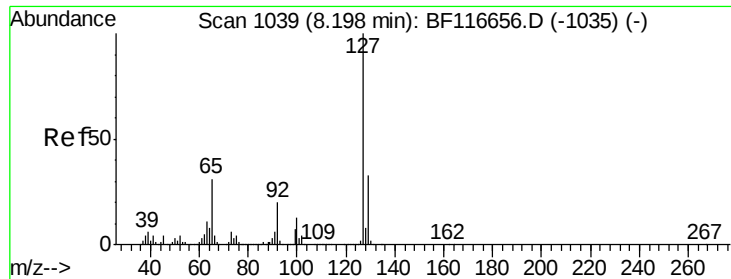
Delta R.T. -0.01 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	128.1	110.0	150.0	
77	93.9	81.7	121.7	





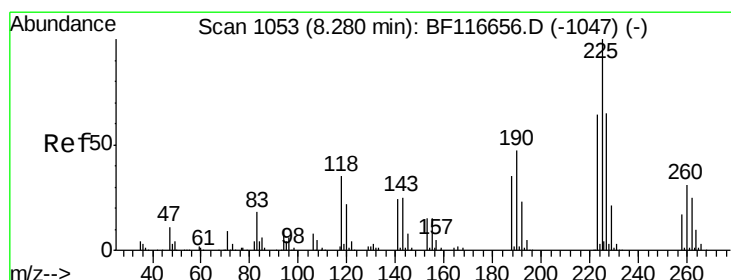
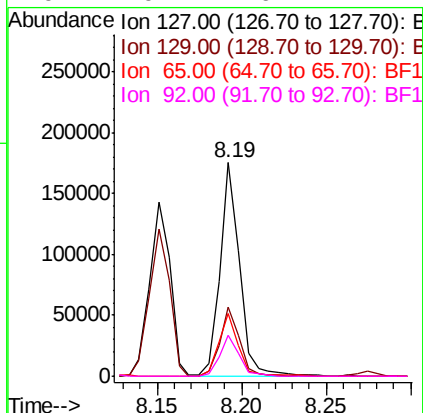
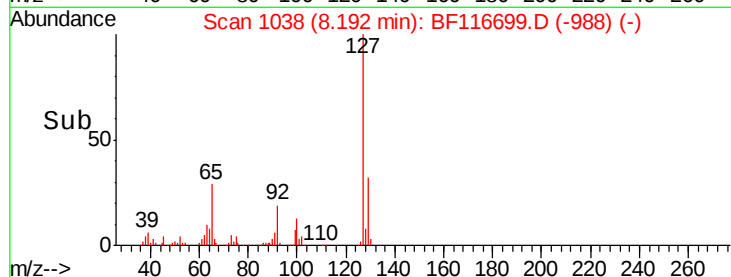
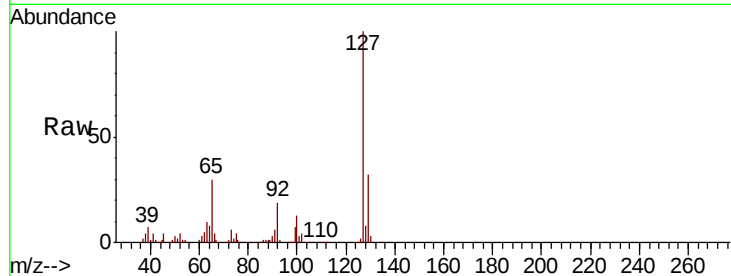
#33
4-Chloroaniline
Concen: 15.093 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		141405		
129	32.1	26.2	39.2		
65	29.5	26.0	39.0		
92	19.2	16.1	24.1		

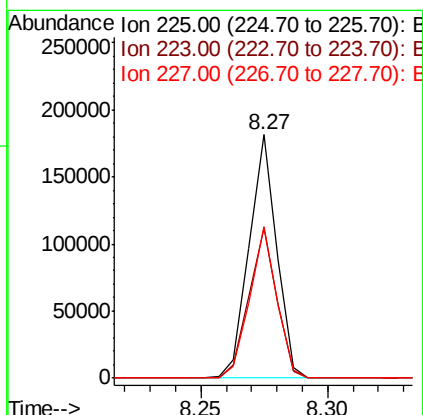
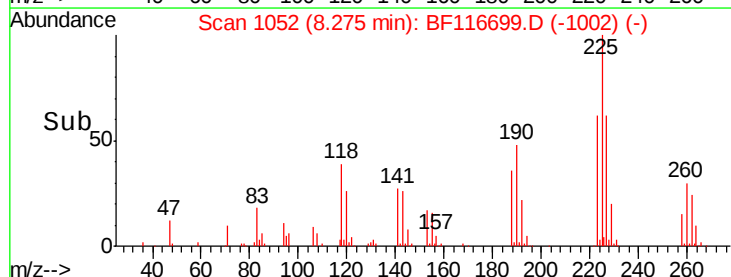
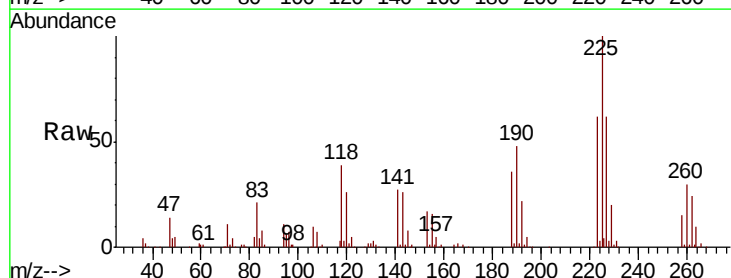
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#34
Hexachlorobutadiene
Concen: 41.830 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		137654		
223	61.6	49.4	74.2		
227	62.2	51.0	76.4		





#35

Caprolactam

Concen: 45.253 ng/ml

RT: 8.56 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Instrument :

BNA_F

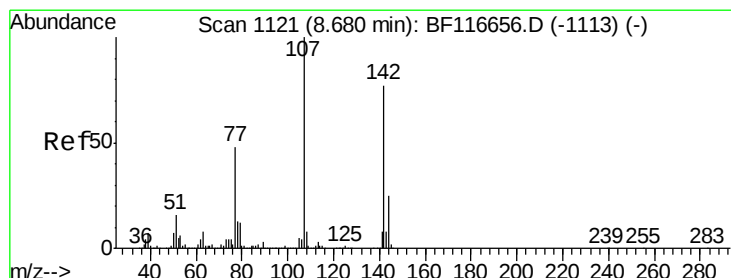
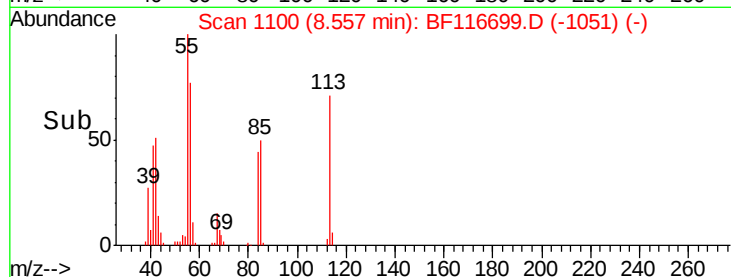
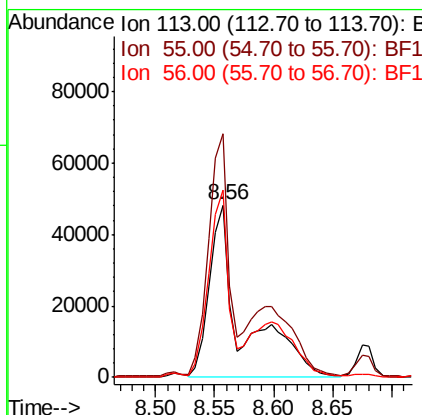
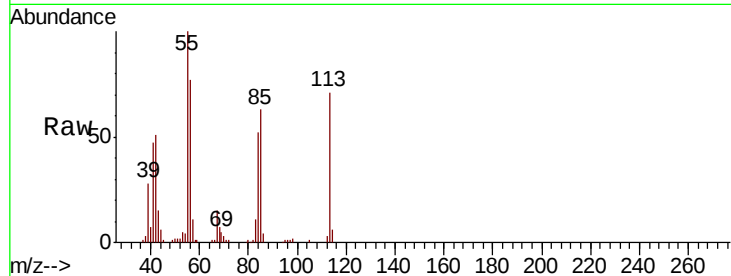
ClientSampleId :

S602A-M-1.0-1.5-083019MS

Tot Ion:113	Resp:	94237
Ion Ratio	Lower	Upper
113	100	
55	141.4	124.3 164.3
56	108.5	94.6 134.6

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#36

4-Chloro-3-methylphenol

Concen: 47.399 ng/ml

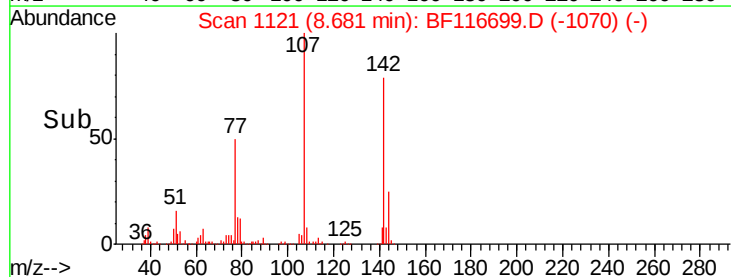
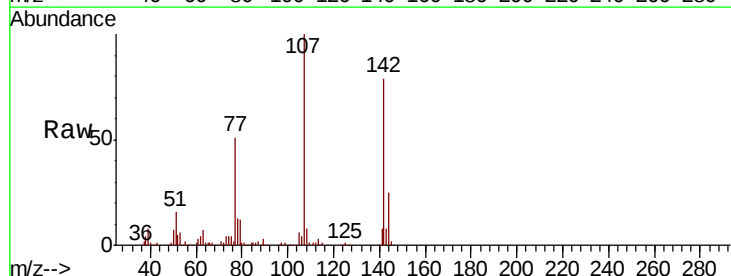
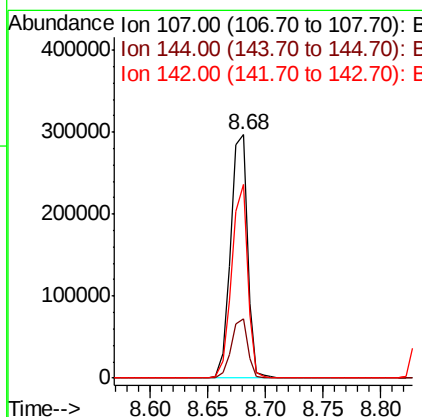
RT: 8.68 min Scan# 1121

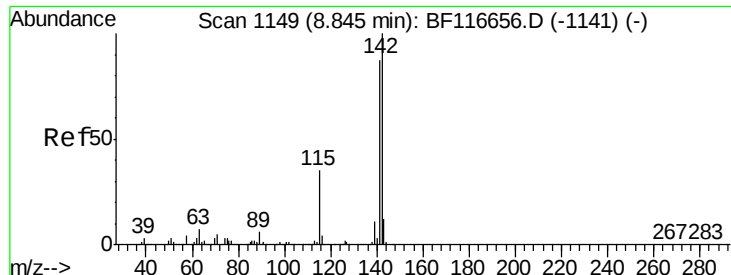
Delta R.T. 0.00 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Tgt Ion:107	Resp:	303140
Ion Ratio	Lower	Upper
107	100	
144	24.6	18.6 27.8
142	79.5	58.5 87.7





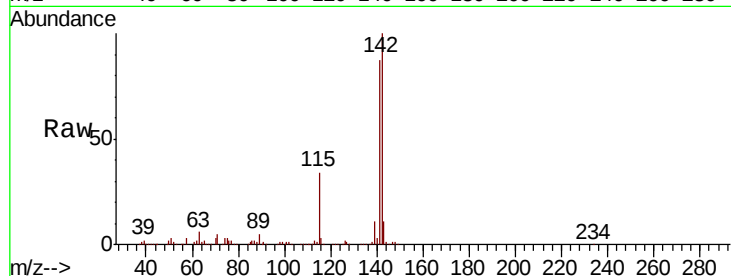
#37
2-Methylnaphthalene
Concen: 45.405 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	72.6	109.0
115	33.7	29.8	44.6

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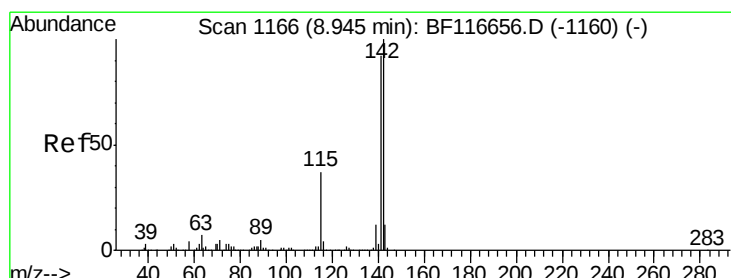
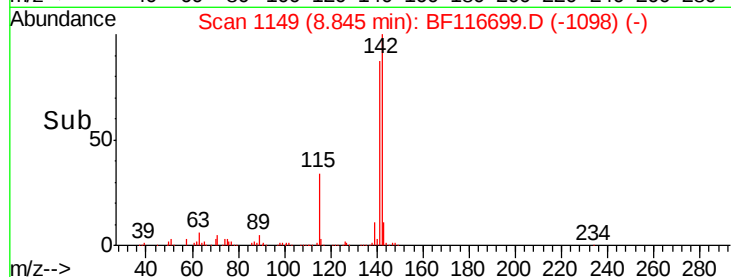
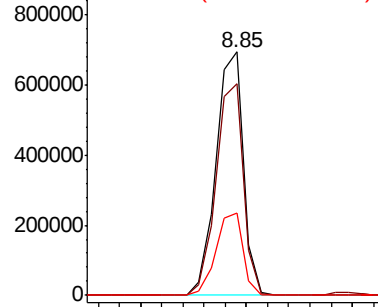


Abundance

Ion 142.00 (141.70 to 142.70): E

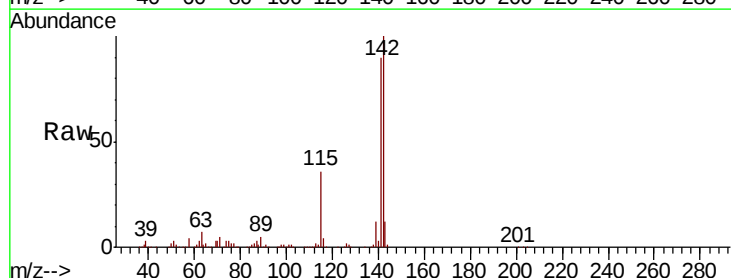
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.000 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.9	110.9
116	3.7	3.0	4.6

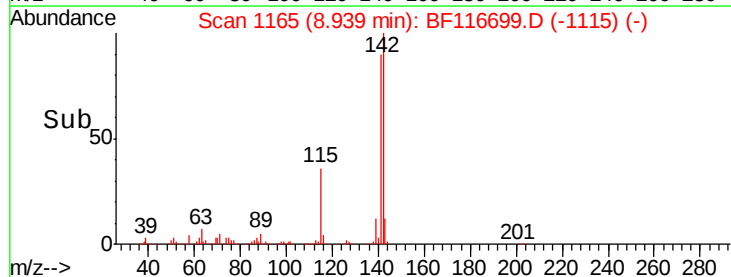
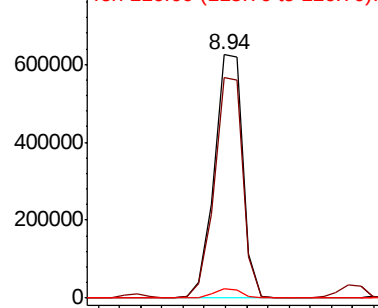


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





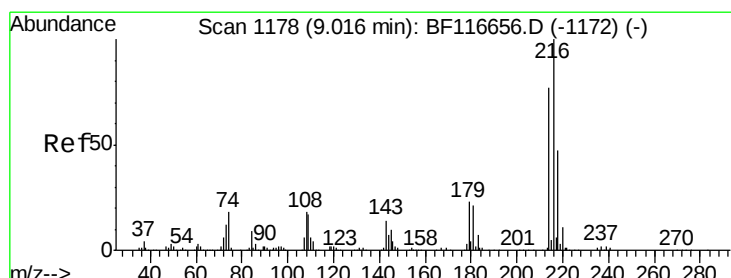
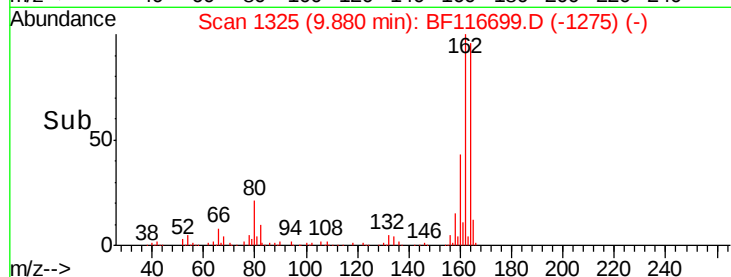
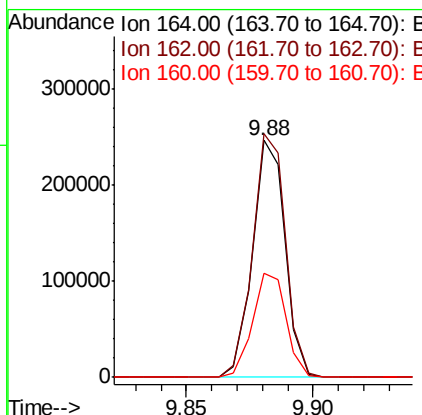
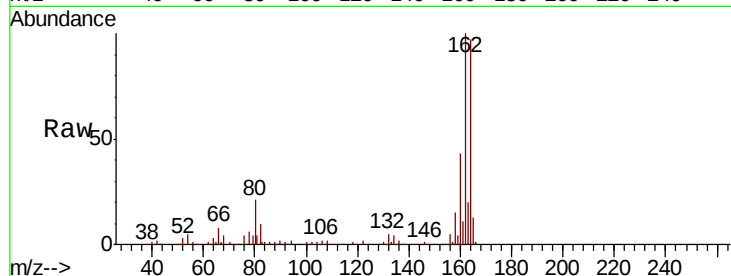
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.8	81.4	122.0	
160	44.0	35.4	53.2	

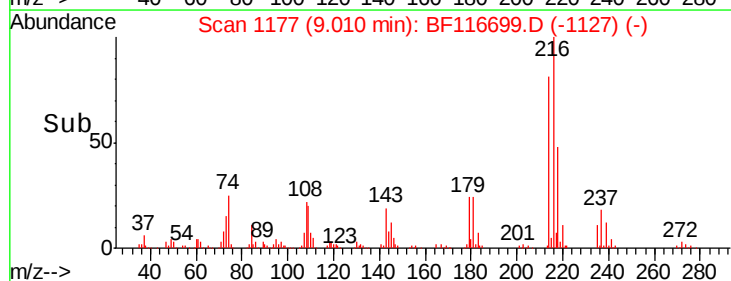
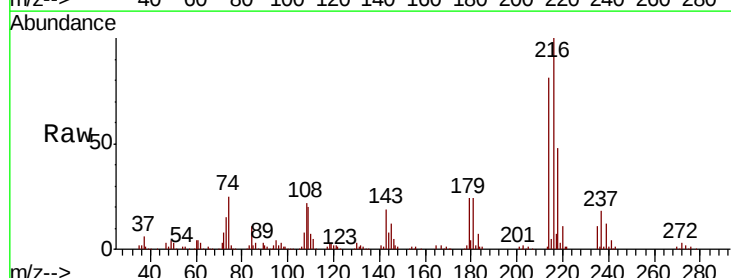
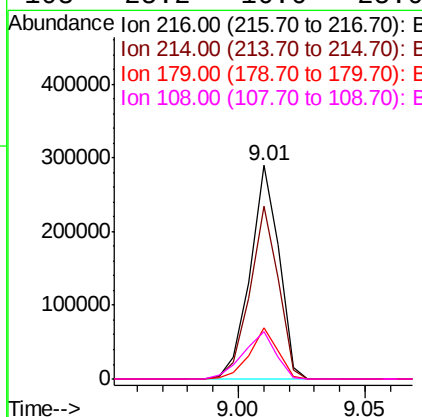
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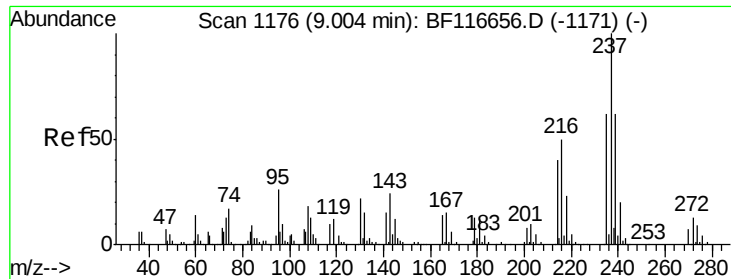
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.565 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.1	62.7	94.1	
179	23.3	19.3	28.9	
108	25.2	16.6	25.0	#





#41

Hexachlorocyclopentadiene

Concen: 65.611 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Instrument :

BNA_F

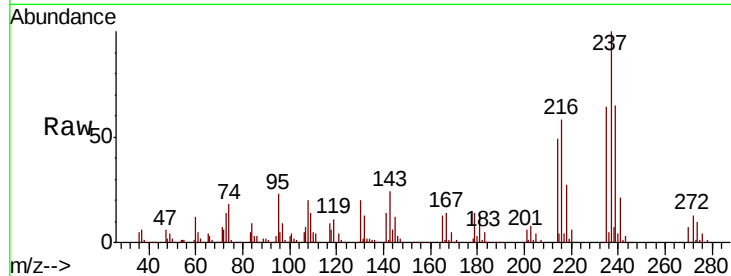
ClientSampleId :

S602A-M-1.0-1.5-083019MS

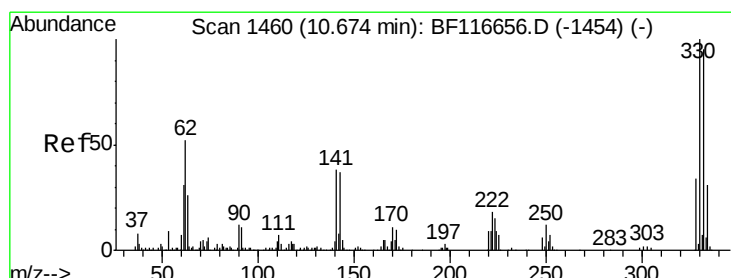
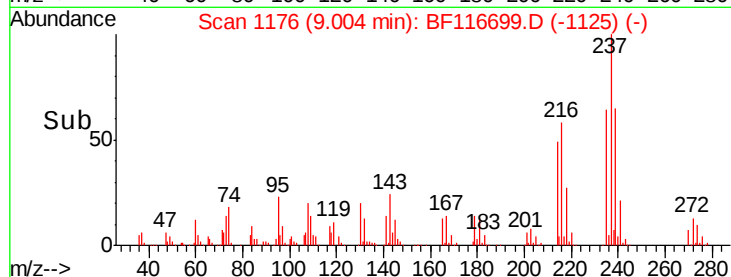
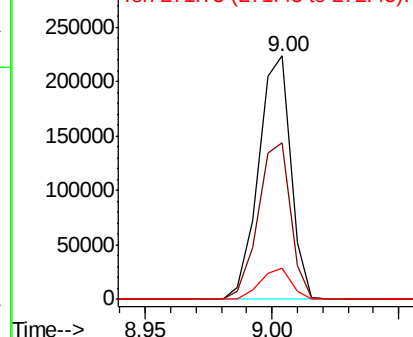
Tot Ion:	237	Resp:	199932
Ion Ratio	Lower	Upper	
237	100		
235	64.2	41.4	81.4
272	12.7	0.0	32.8

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 159.864 ng

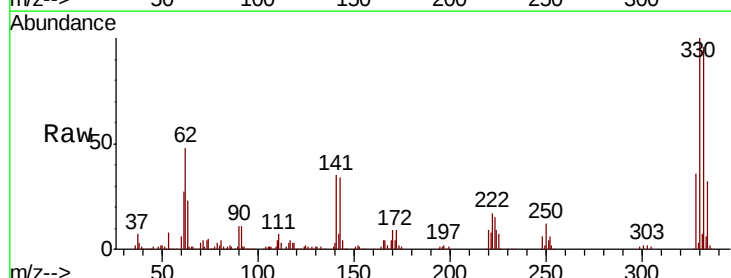
RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

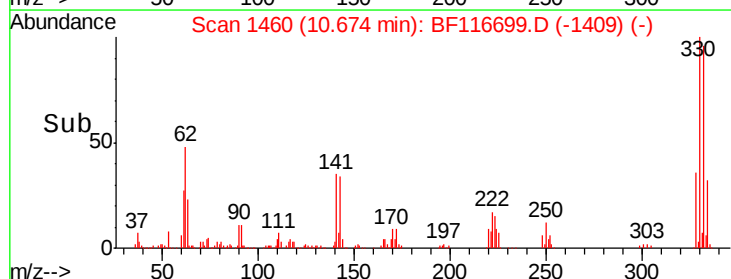
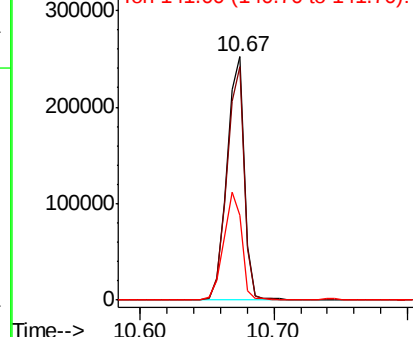
Lab File: BF116699.D

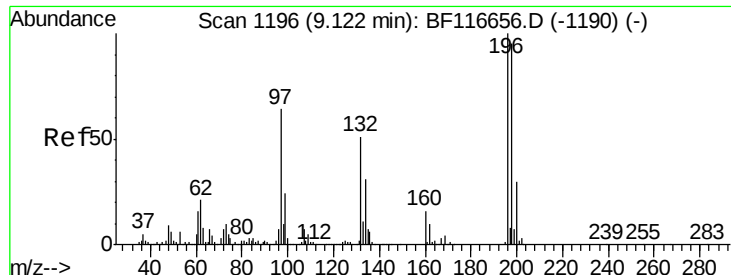
Acq: 31 Aug 2019 15:11

Tgt Ion:	330	Resp:	235257
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.9	115.3
141	45.5	31.4	47.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





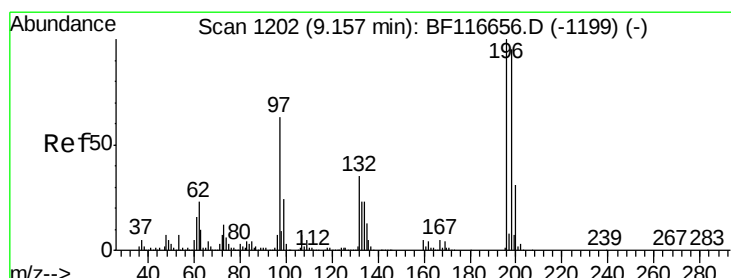
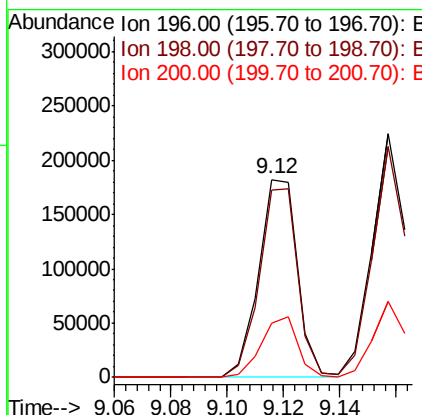
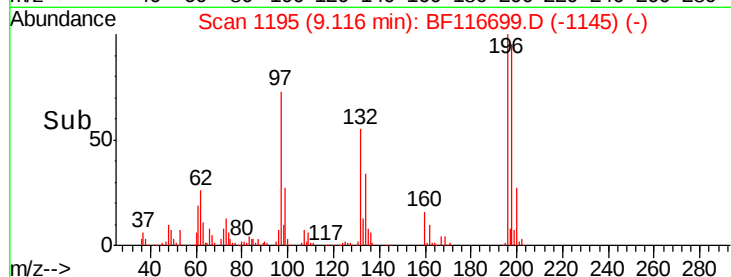
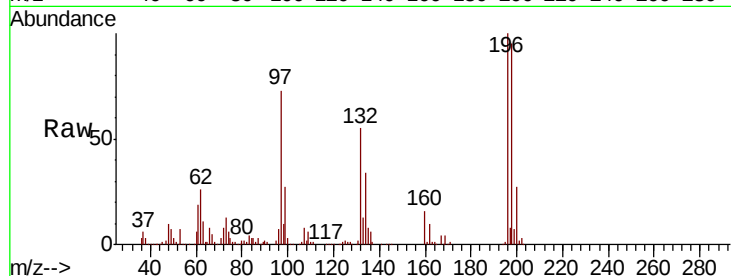
#43
 2,4,6-Trichlorophenol
 Concen: 48.261 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116699.D
 Acq: 31 Aug 2019 15:11

Instrument :
 BNA_F
 ClientSampleId :
 S602A-M-1.0-1.5-083019MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	174573		
198	94.5	79.1	118.7	
200	27.5	24.0	36.0	

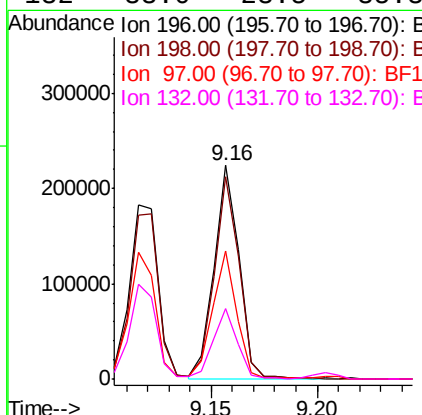
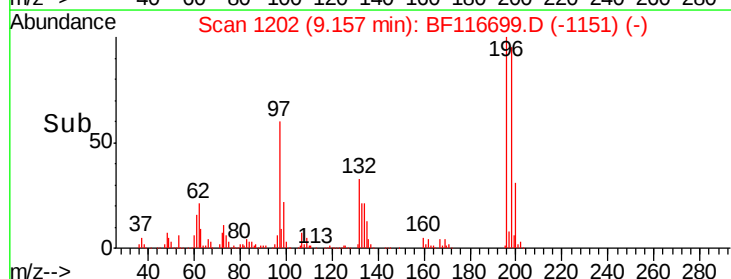
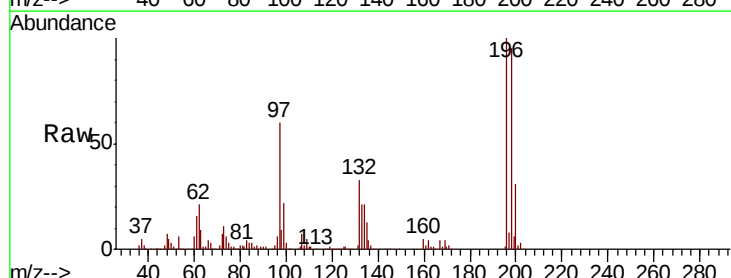
Manual Integrations
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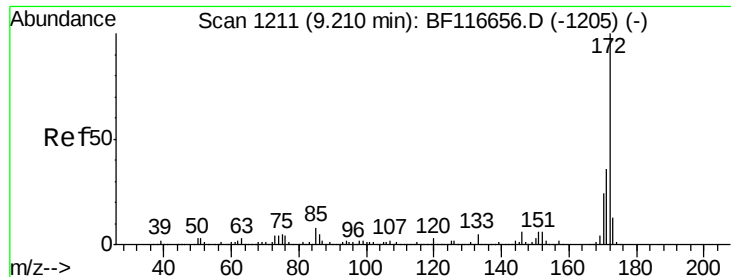
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 48.984 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF116699.D
 Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	183955		
198	95.0	78.1	117.1	
97	60.2	41.6	62.4	
132	33.0	23.5	35.3	





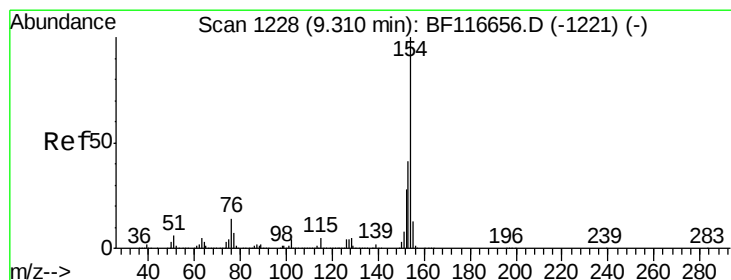
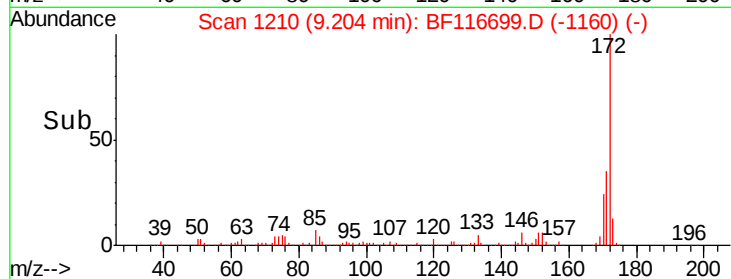
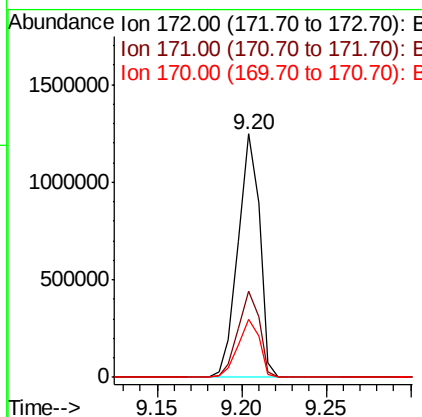
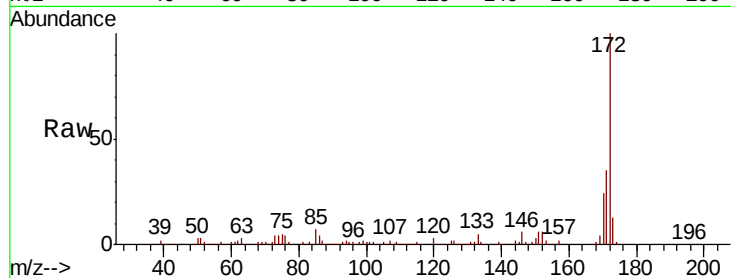
#45
2-Fluorobiphenyl
Concen: 85.012 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.8	41.6
170	23.6	18.9	28.3

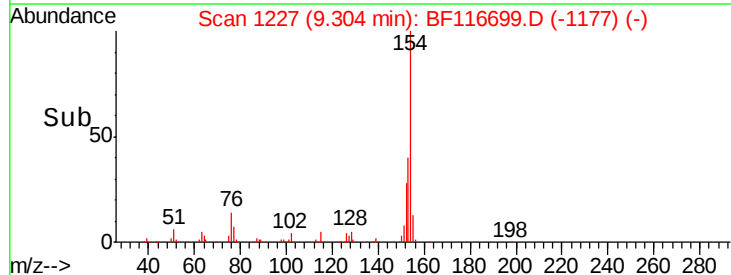
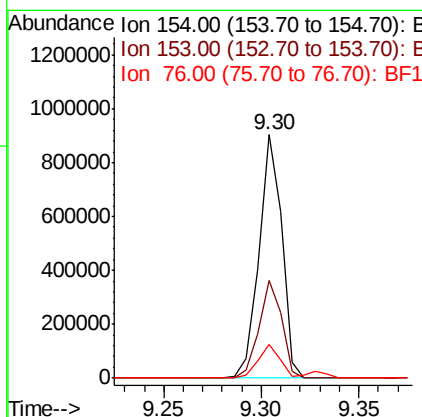
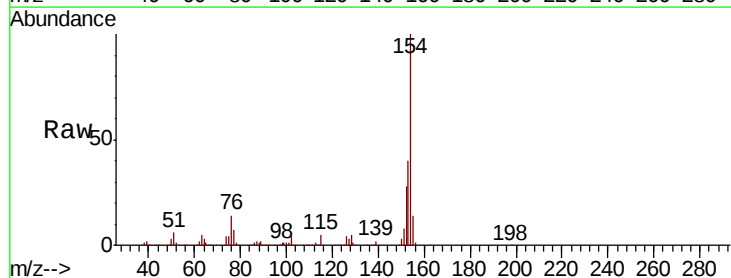
Manual Integrations
APPROVED

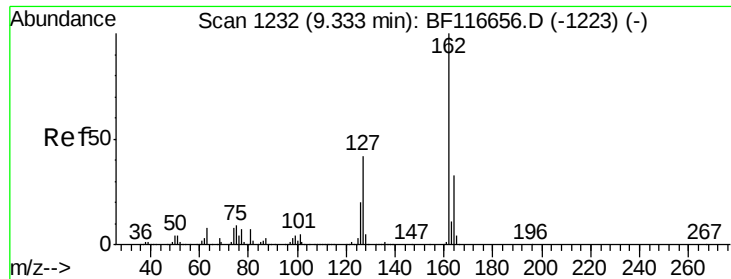
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#46
1,1'-Biphenyl
Concen: 43.552 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.2	61.2
76	14.0	0.0	30.9





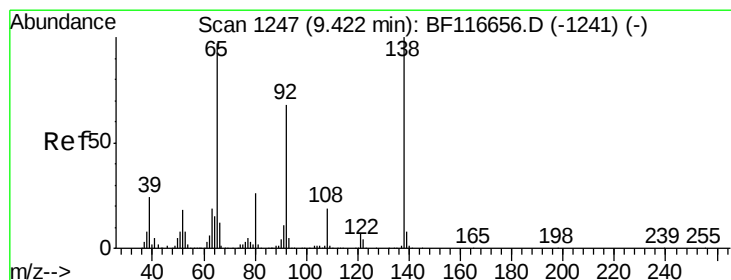
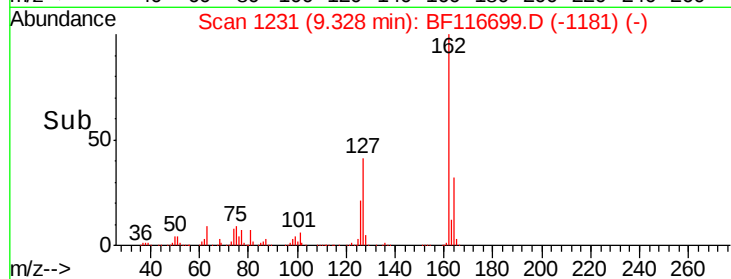
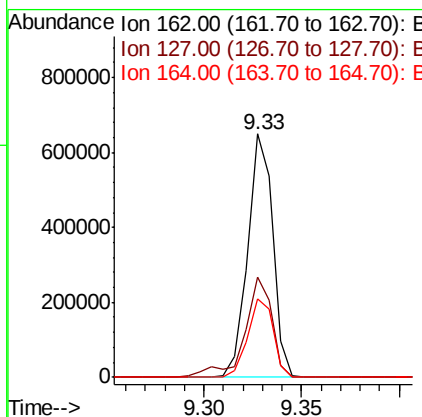
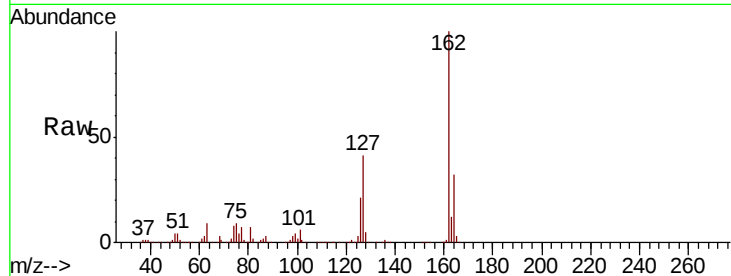
#47
2-Chloronaphthalene
Concen: 43.662 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	577643		
127	41.3	33.4	50.2	
164	32.3	26.6	39.8	

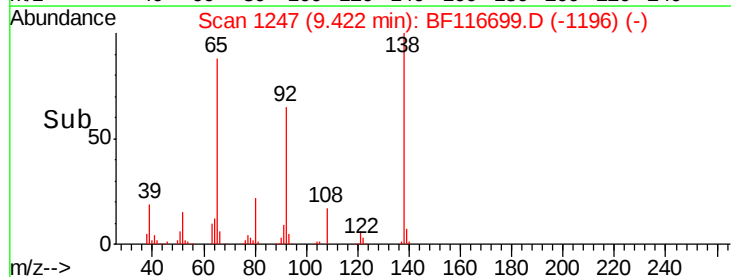
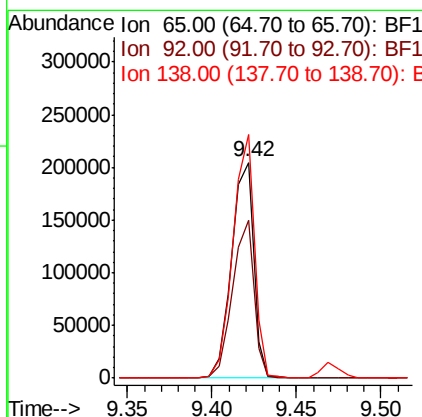
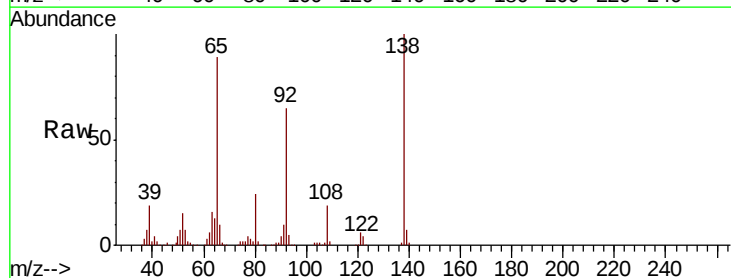
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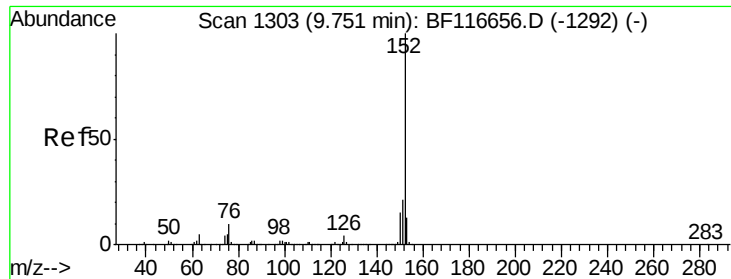
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#48
2-Nitroaniline
Concen: 48.793 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	186622		
92	72.9	57.1	85.7	
138	112.8	88.2	132.2	





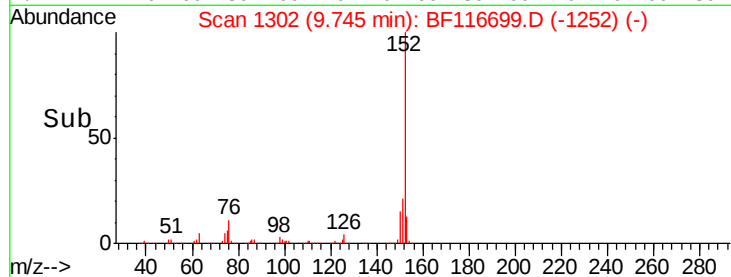
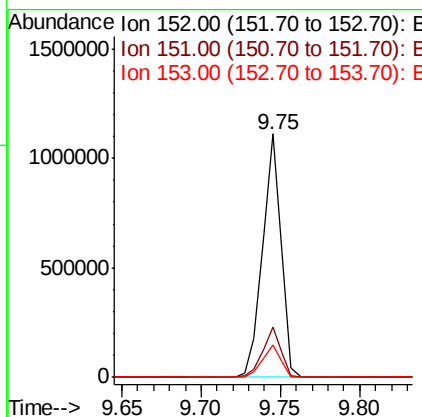
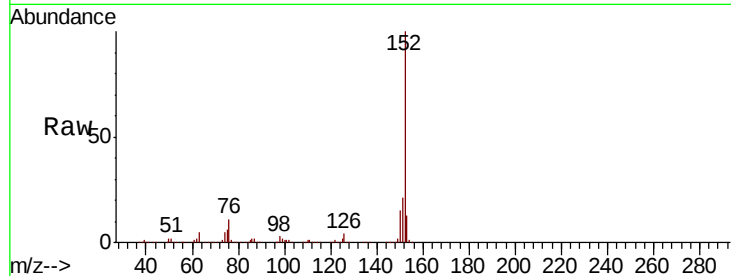
#49
Acenaphthylene
Concen: 45.712 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.9	23.9
153	13.5	10.9	16.3

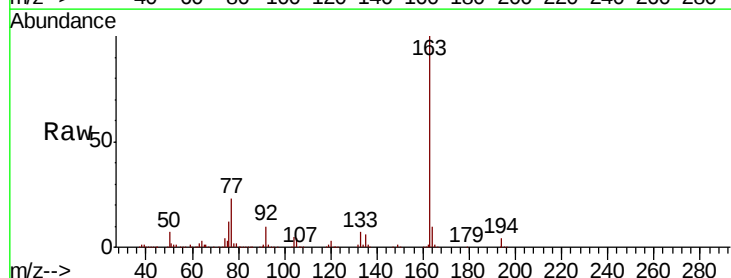
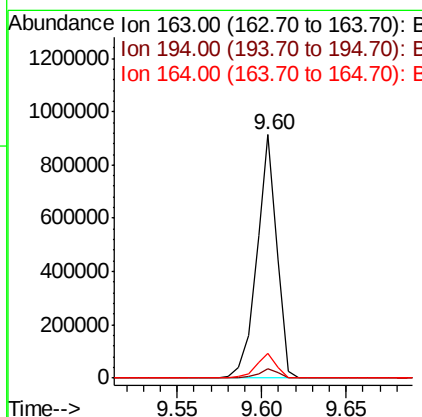
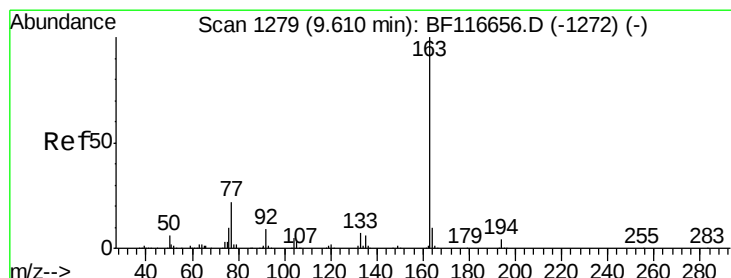
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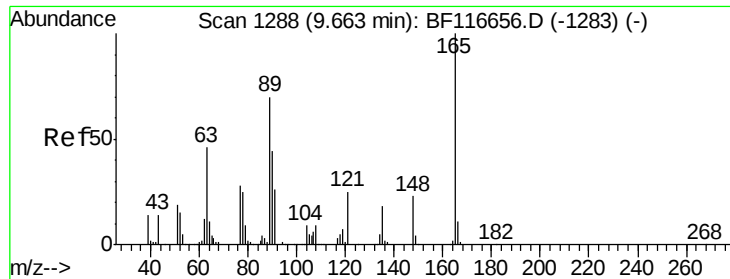
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#50
Dimethylphthalate
Concen: 49.414 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	10.0	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 51.254 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Instrument :

BNA_F

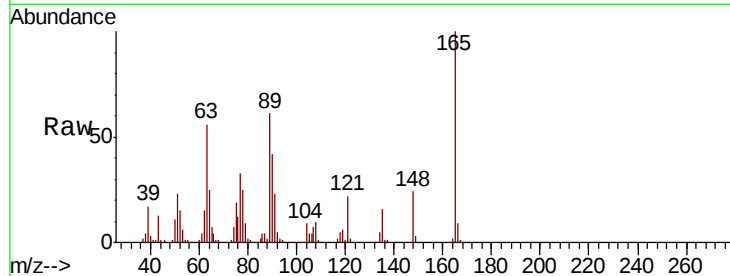
ClientSampleId :

S602A-M-1.0-1.5-083019MS

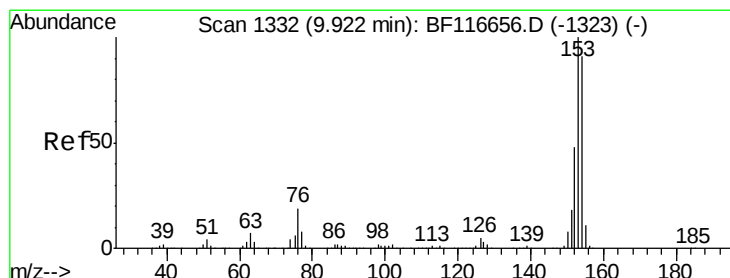
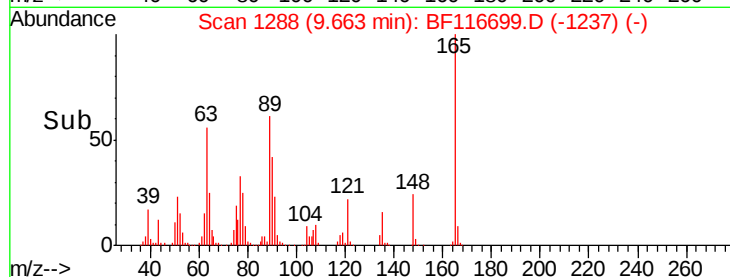
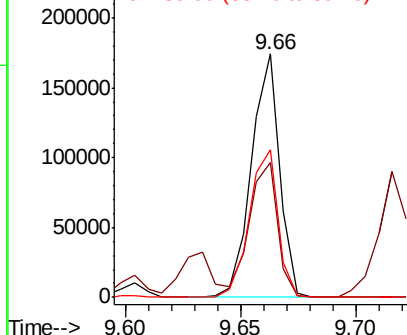
Tot Ion:	165	Resp:	148616
Ion Ratio	Lower	Upper	
165	100		
63	55.6	47.3	70.9
89	60.8	52.5	78.7

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 46.616 ng

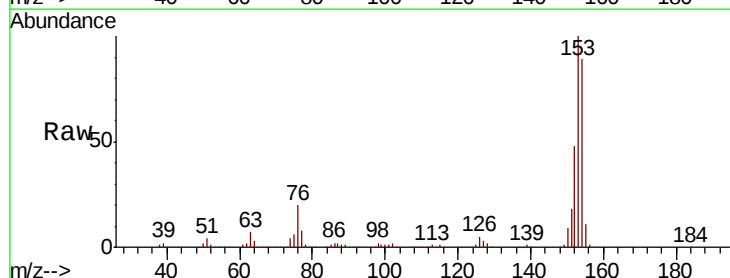
RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

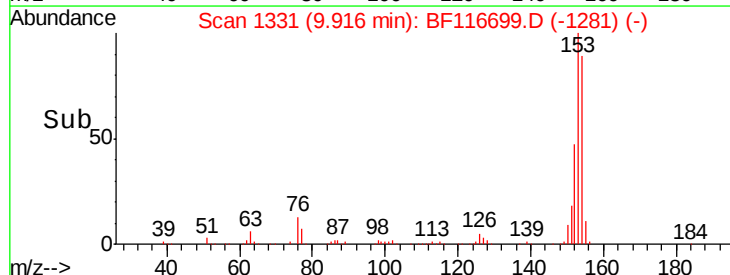
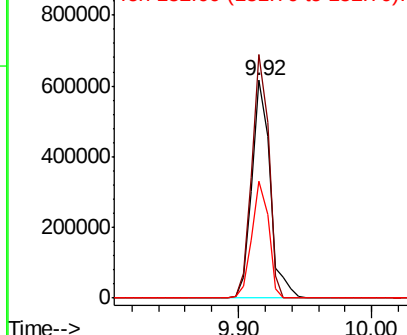
Lab File: BF116699.D

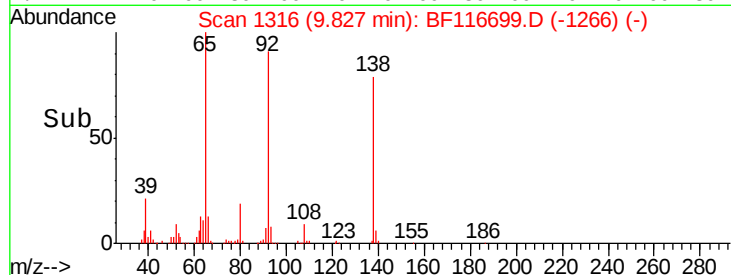
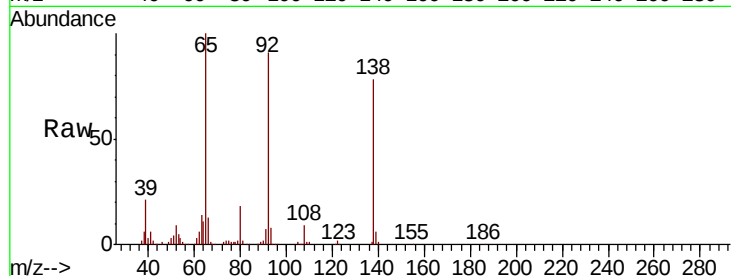
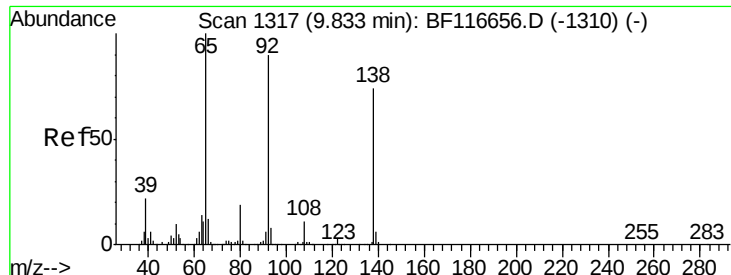
Acq: 31 Aug 2019 15:11

Tgt Ion:	154	Resp:	572812
Ion Ratio	Lower	Upper	
154	100		
153	111.8	89.5	134.3
152	53.4	41.9	62.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





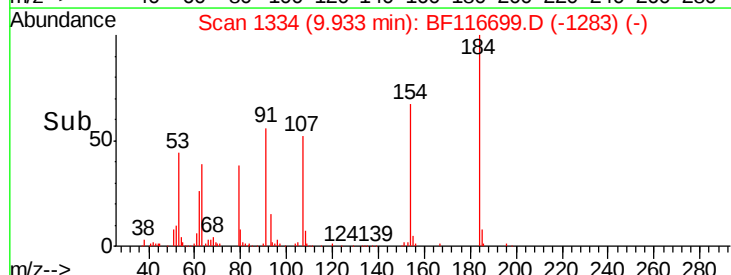
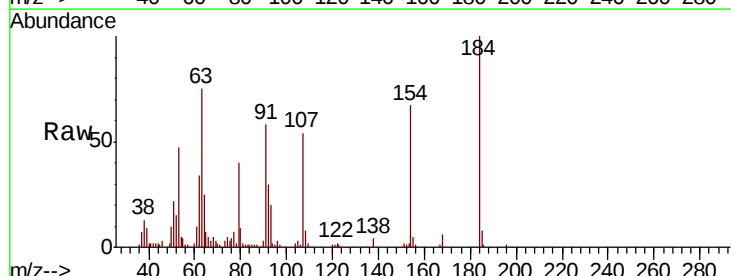
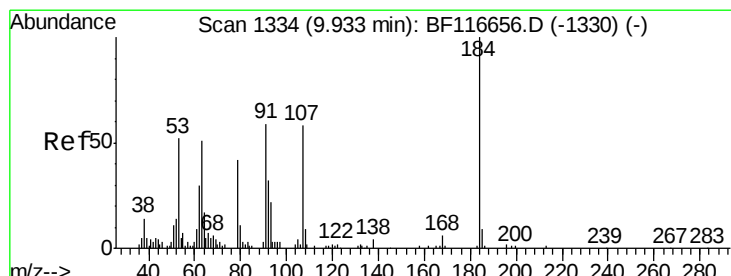
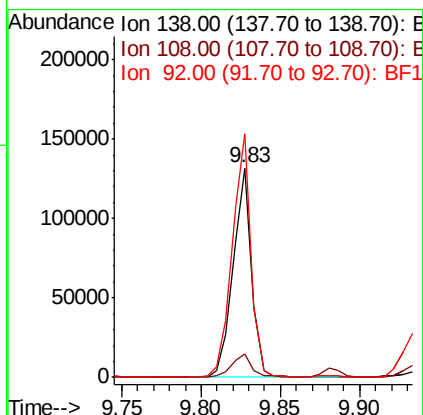
#53
3-Nitroaniline
Concen: 29.366 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.5	12.7
92	116.4	87.2	130.8

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

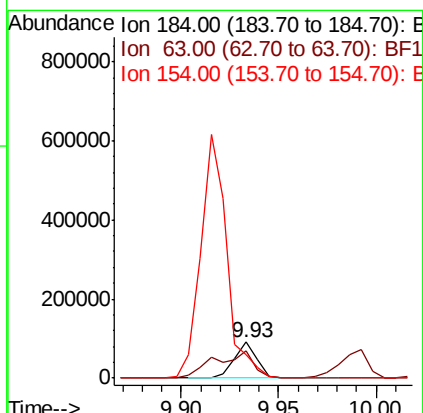
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#54
2,4-Dinitrophenol
Concen: 71.024 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.9	52.2	78.2
154	67.2	60.8	91.2





#55

Dibenzofuran

Concen: 46.208 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Instrument :

BNA_F

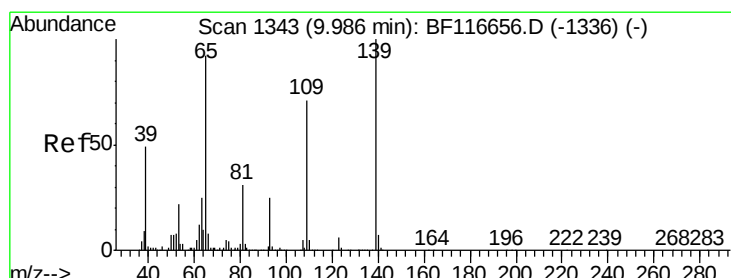
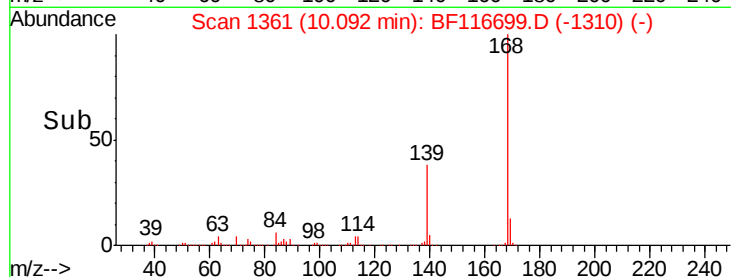
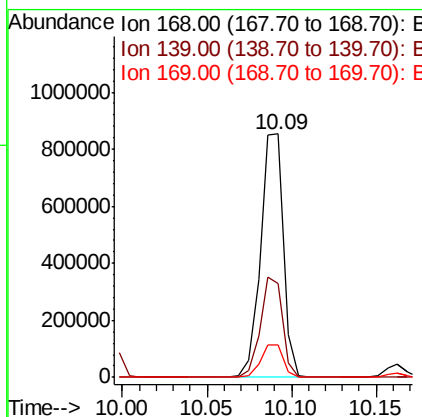
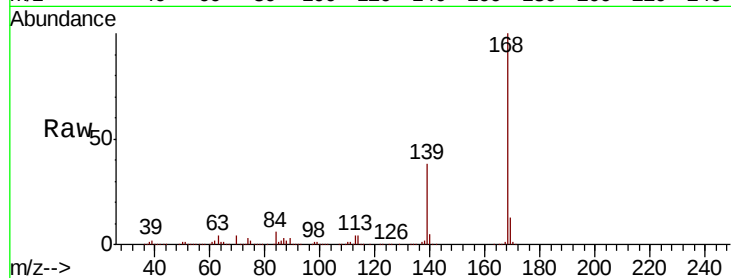
ClientSampleId :

S602A-M-1.0-1.5-083019MS

Tot Ion:	168	Resp:	800433
Ion Ratio	Lower	Upper	
168	100		
139	38.4	31.5	47.3
169	13.1	10.3	15.5

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#56

4-Nitrophenol

Concen: 104.987 ng

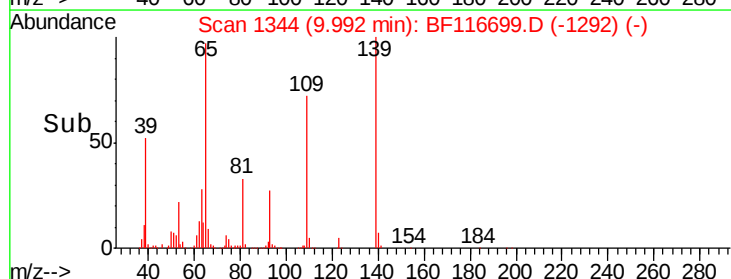
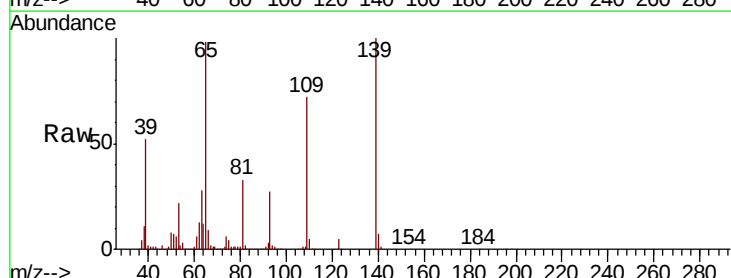
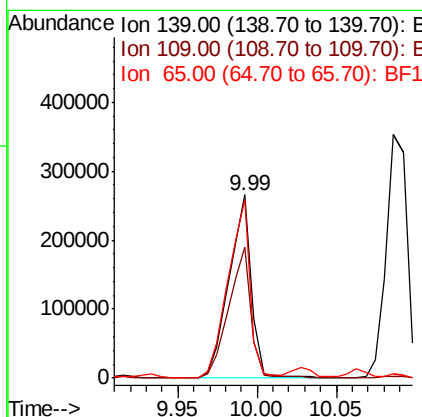
RT: 9.99 min Scan# 1344

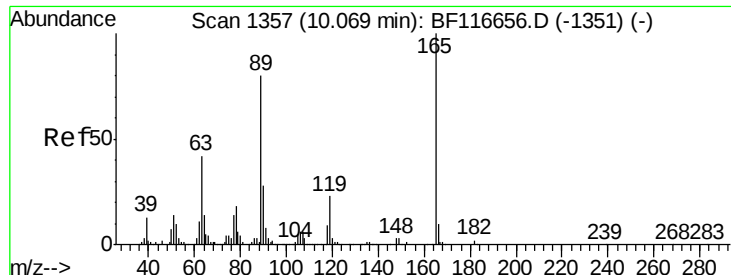
Delta R.T. 0.01 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Tgt Ion:	139	Resp:	261586
Ion Ratio	Lower	Upper	
139	100		
109	71.5	61.7	101.7
65	97.6	89.1	129.1





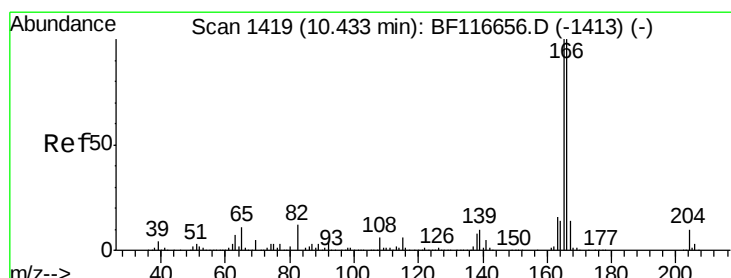
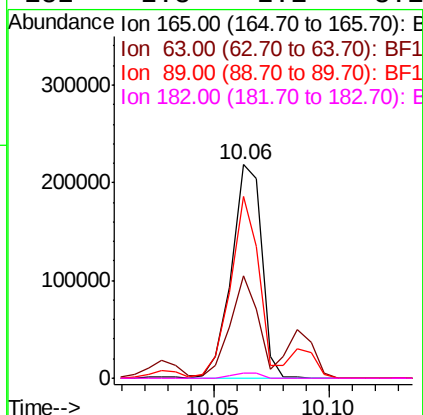
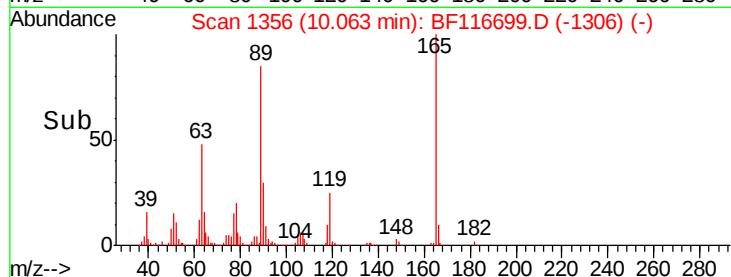
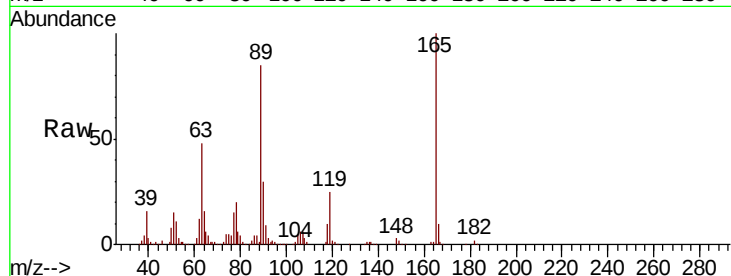
#57
2,4-Dinitrotoluene
Concen: 56.151 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		199084		
63	48.2	36.4	54.6		
89	85.2	62.6	94.0		
182	2.3	2.1	3.1		

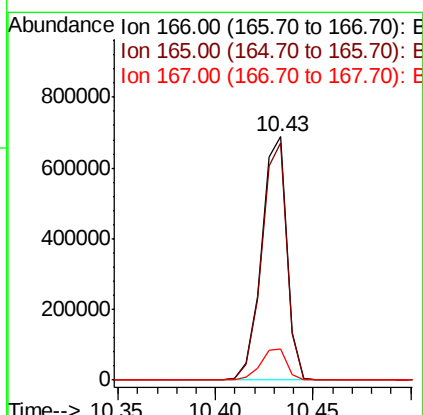
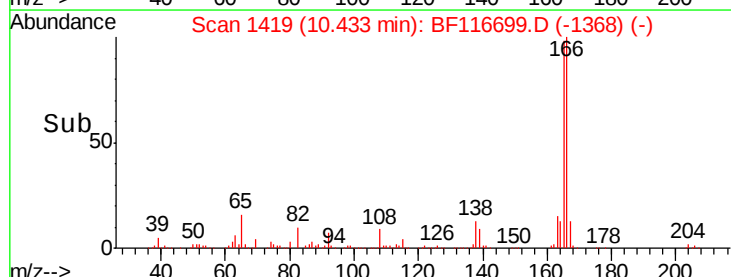
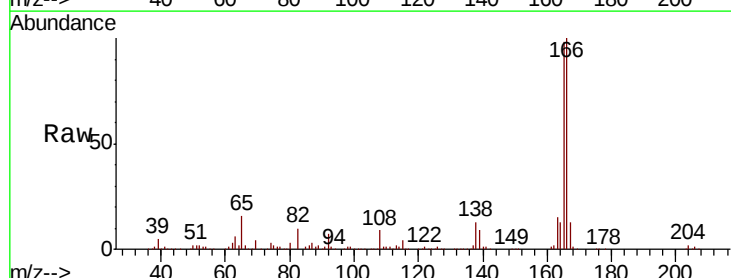
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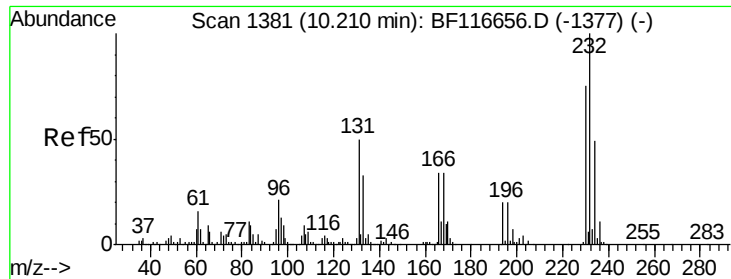
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#58
Fluorene
Concen: 46.770 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		617320		
165	97.6	78.8	118.2		
167	12.6	10.0	15.0		





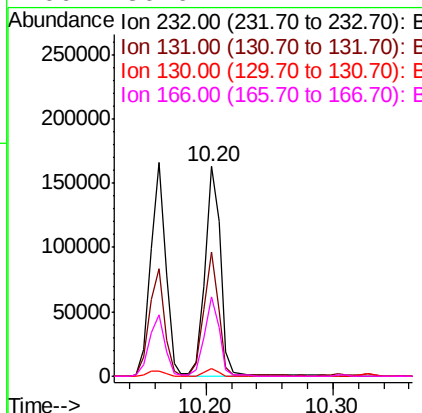
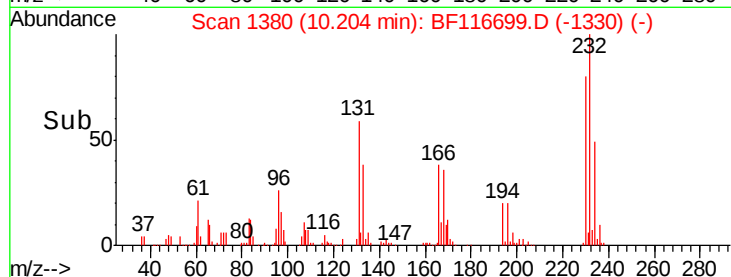
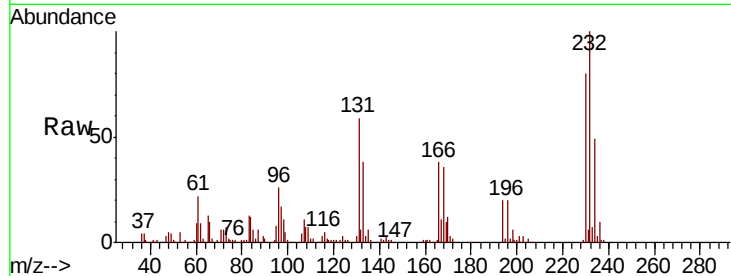
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.269 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF116699.D
 Acq: 31 Aug 2019 15:11

Instrument :
 BNA_F
 ClientSampleId :
 S602A-M-1.0-1.5-083019MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	138954		
131	54.7	42.7	64.1	
130	3.1	1.9	2.9	
166	36.6	27.4	41.2	

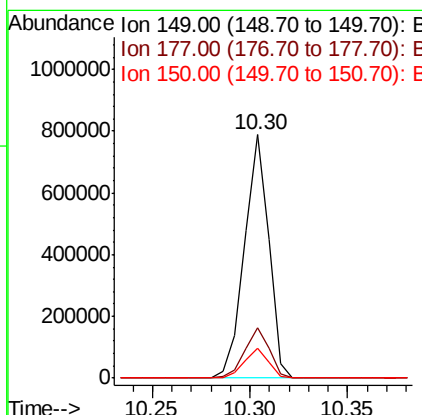
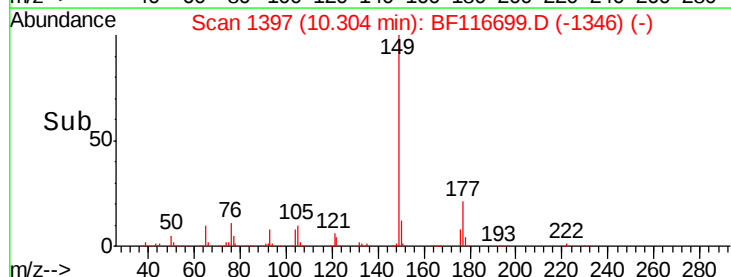
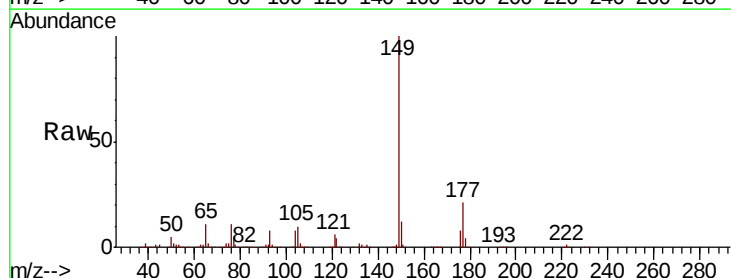
Manual Integrations
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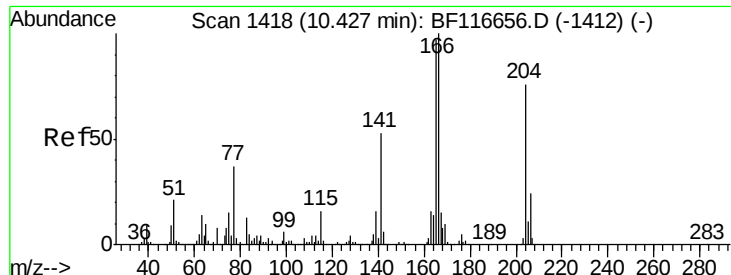
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#60
 Diethylphthalate
 Concen: 44.806 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF116699.D
 Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	682097		
177	20.6	17.2	25.8	
150	12.3	9.7	14.5	





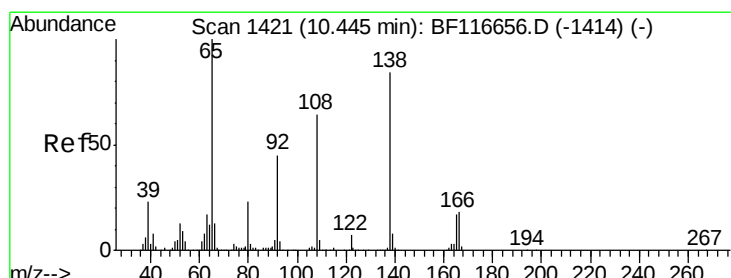
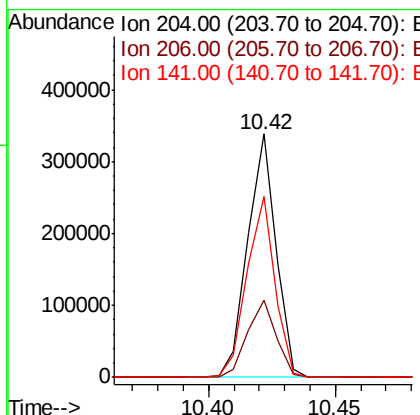
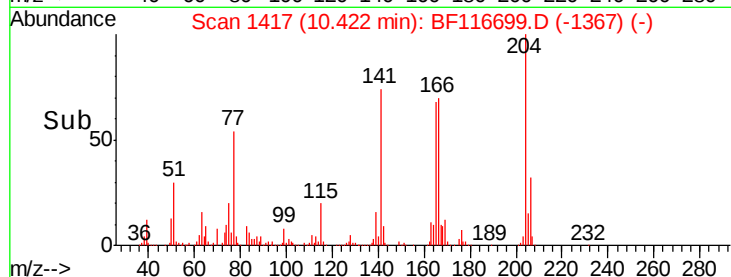
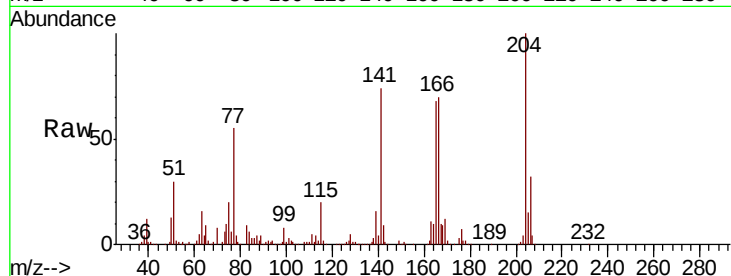
#61
4-Chlorophenyl-phenylether
Concen: 45.547 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	263251		
206	32.0		25.4	38.2
141	74.2		53.8	80.8

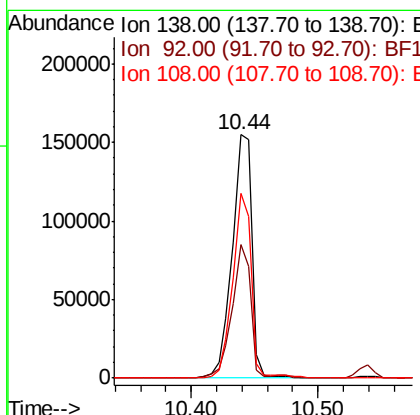
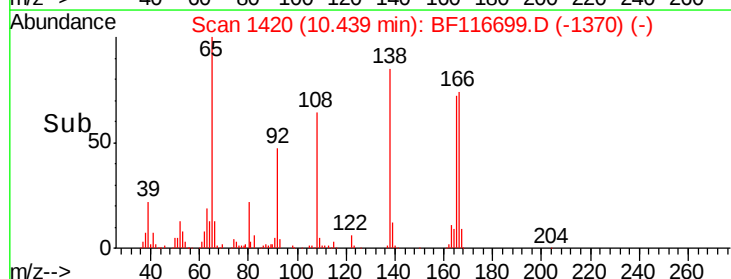
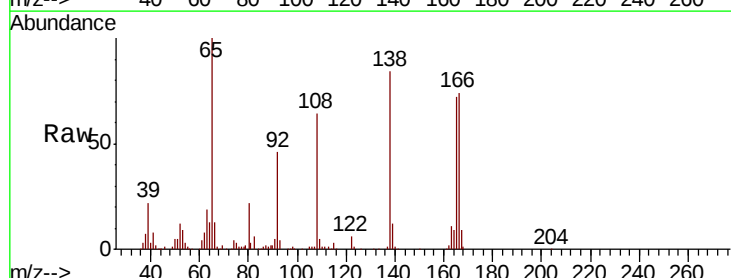
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#62
4-Nitroaniline
Concen: 46.725 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	164773		
92	54.9		28.7	68.7
108	75.8		60.4	100.4





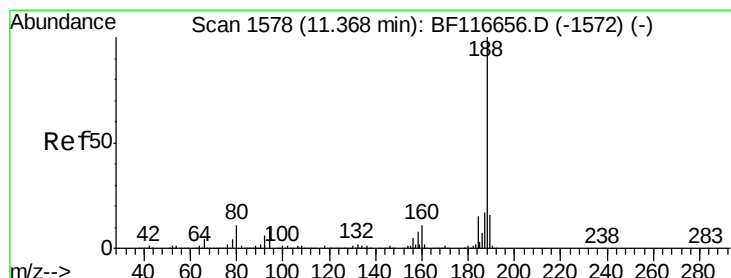
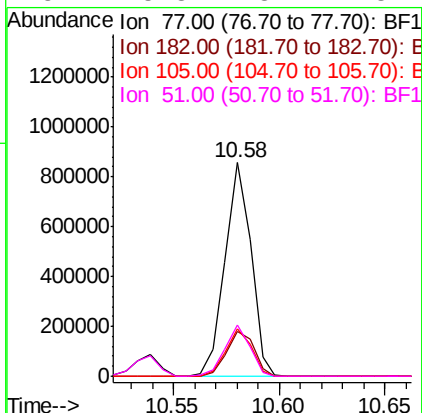
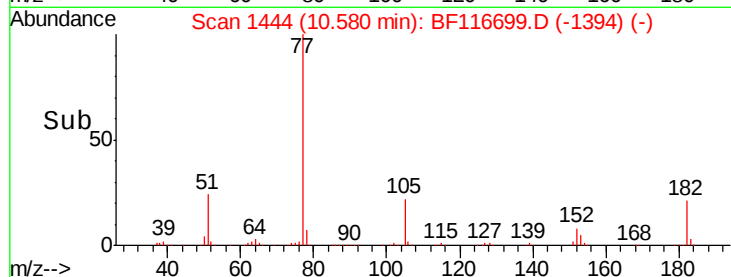
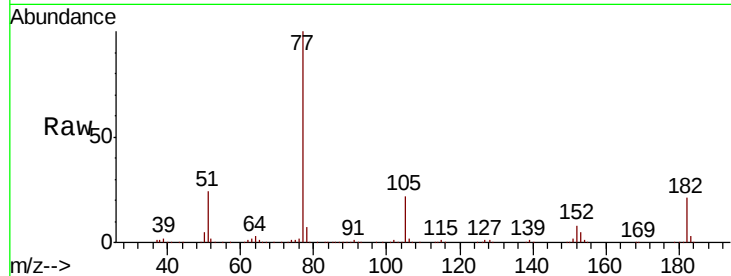
#63
Azobenzene
Concen: 45.834 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		727555		
182	20.8	1.2	41.2		
105	22.0	0.6	40.6		
51	23.8	8.2	48.2		

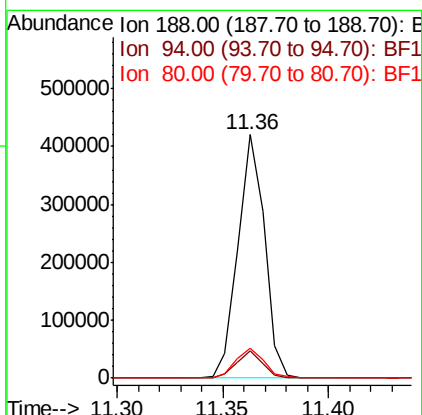
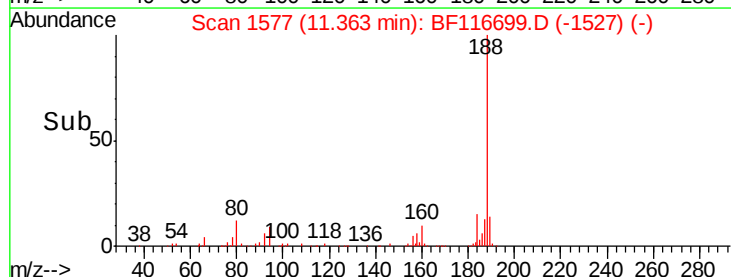
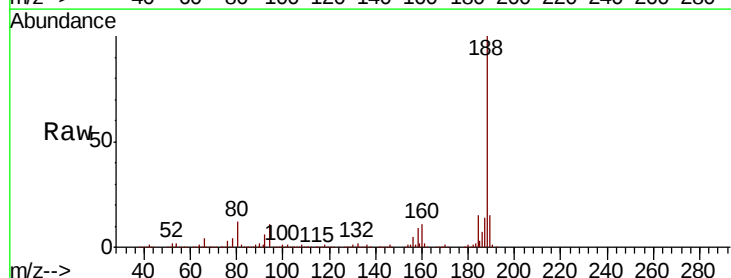
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		366080		
94	11.1	7.3	10.9#		
80	12.4	8.4	12.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 46.040 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Instrument :

BNA_F

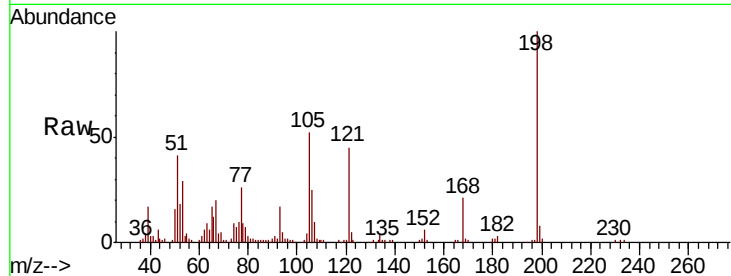
ClientSampleId :

S602A-M-1.0-1.5-083019MS

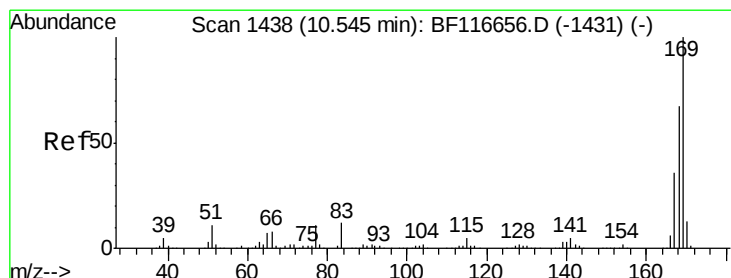
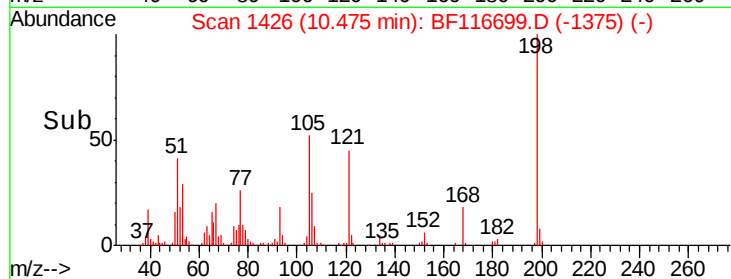
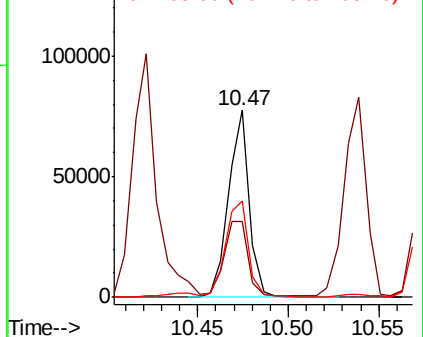
Tot Ion:	198	Resp:	61588
Ion Ratio	Lower	Upper	
198	100		
51	40.8	18.4	58.4
105	51.6	22.9	62.9

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.982 ng

RT: 10.54 min Scan# 1437

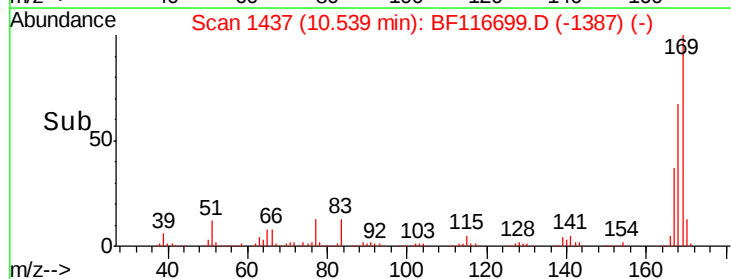
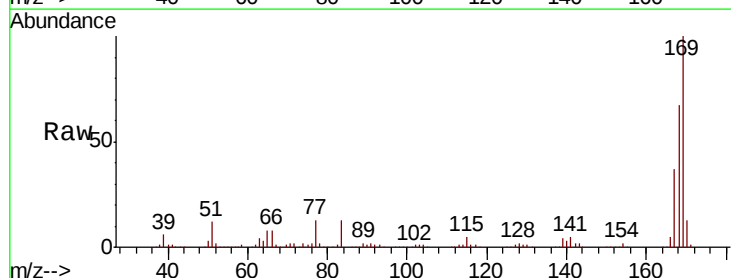
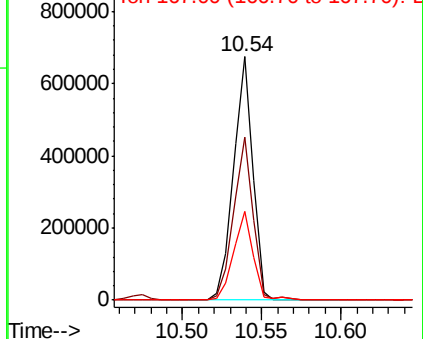
Delta R.T. -0.01 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Tgt Ion:	169	Resp:	569649
Ion Ratio	Lower	Upper	
169	100		
168	66.8	55.8	83.6
167	36.7	29.4	44.2

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





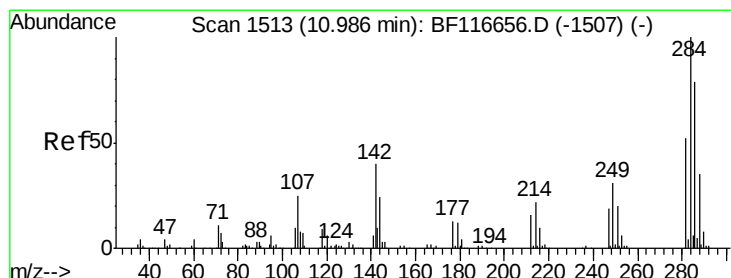
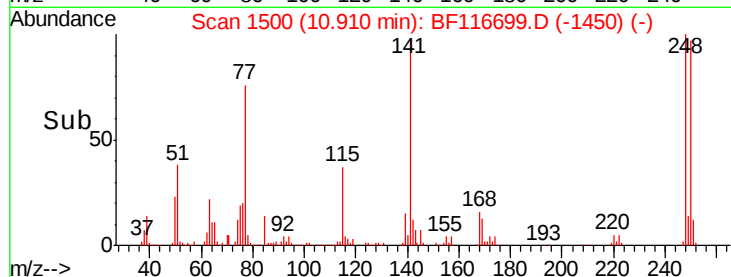
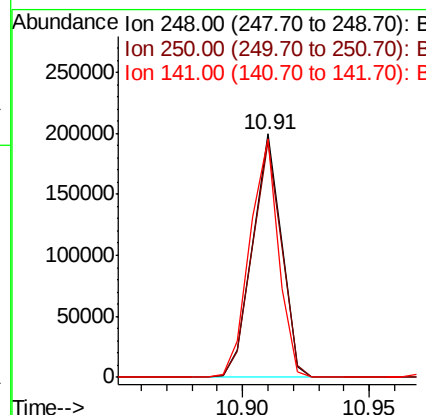
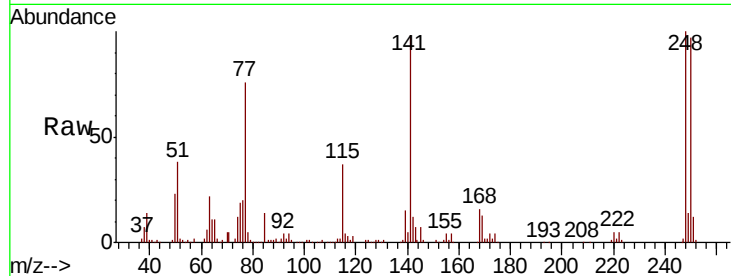
#67
4-Bromophenyl-phenylether
Concen: 42.931 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.8	116.8
141	97.9	75.9	113.9

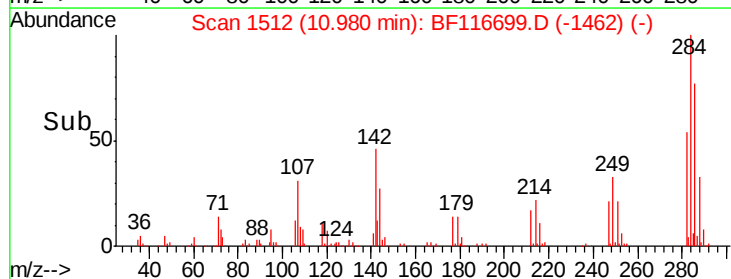
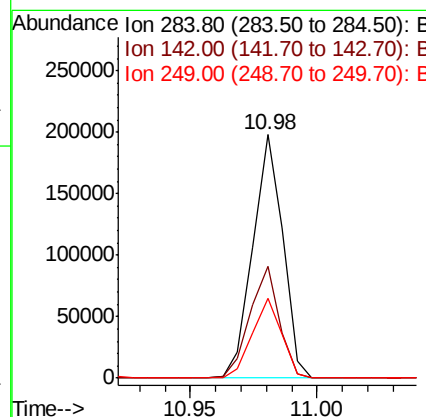
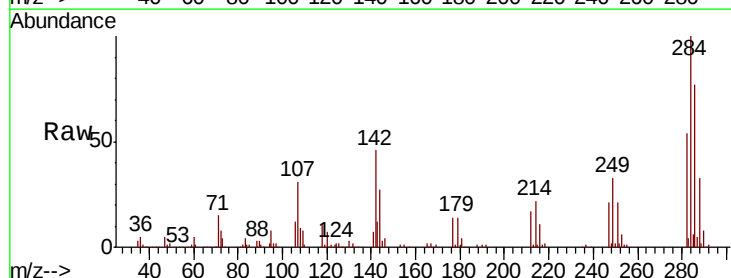
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#68
Hexachlorobenzene
Concen: 41.995 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	45.8	34.0	51.0
249	32.8	26.4	39.6





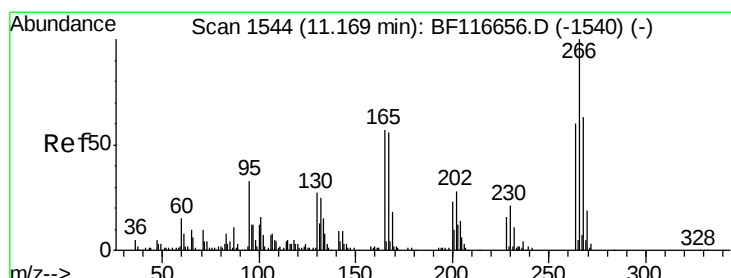
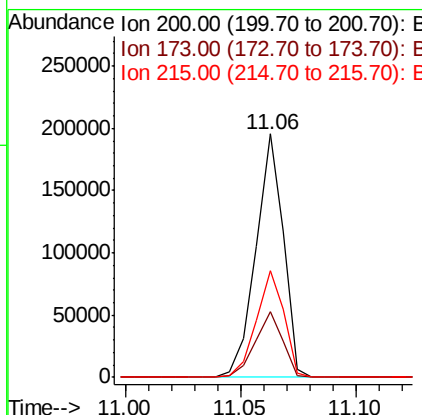
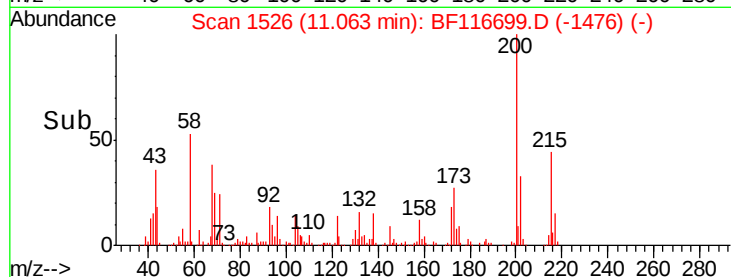
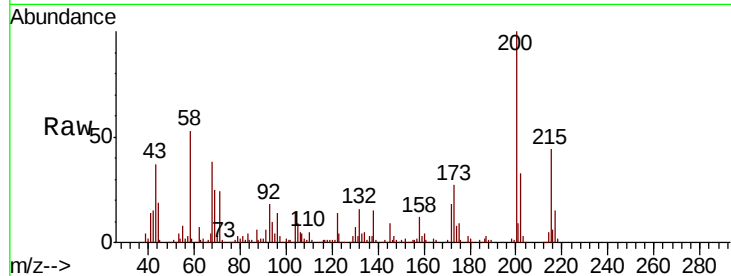
#69
Atrazine
Concen: 45.803 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.0	6.2	46.2
215	43.7	24.3	64.3

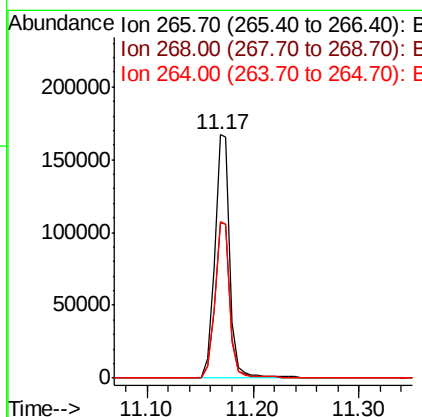
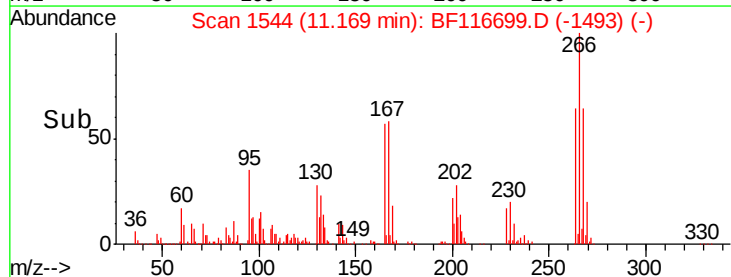
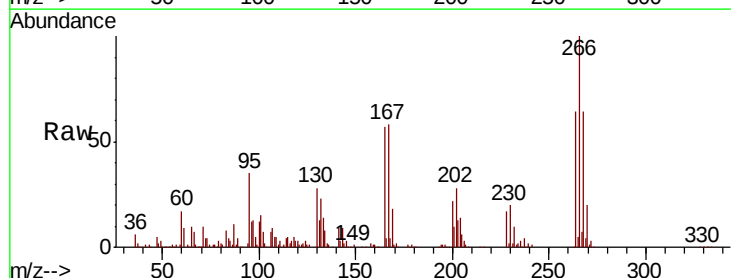
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#70
Pentachlorophenol
Concen: 90.972 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.7	51.2	76.8
264	64.4	51.9	77.9





#71

Phenanthrene

Concen: 44.422 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Instrument :

BNA_F

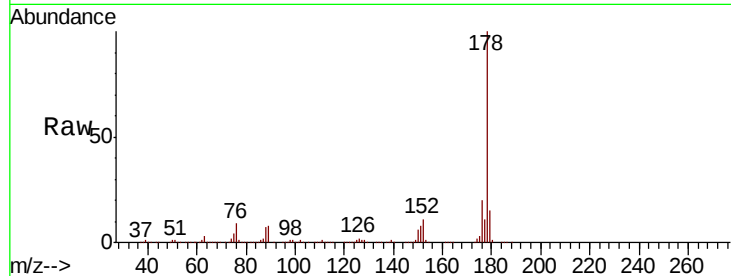
ClientSampleId :

S602A-M-1.0-1.5-083019MS

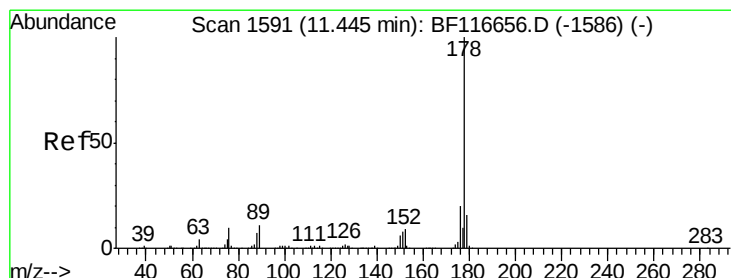
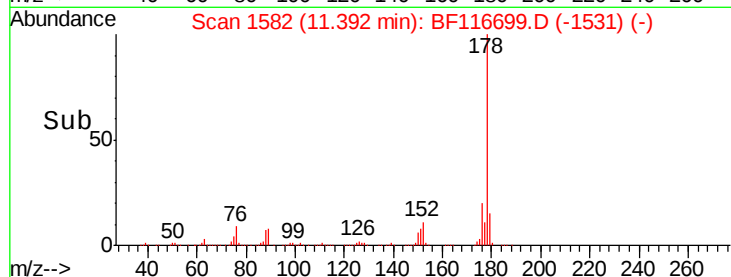
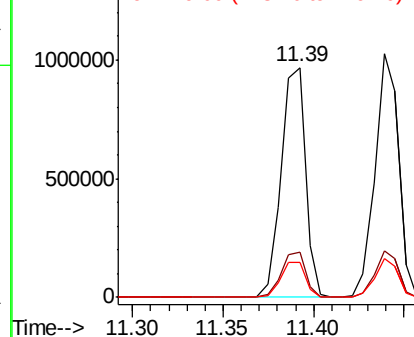
Tot Ion:178	Resp:	905253
Ion Ratio	Lower	Upper
178	100	
176	19.6	15.4 23.0
179	15.5	12.2 18.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.320 ng

RT: 11.44 min Scan# 1590

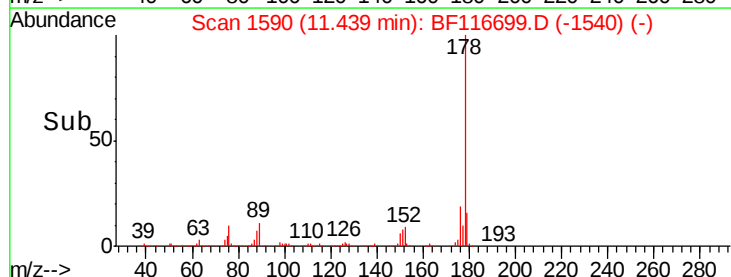
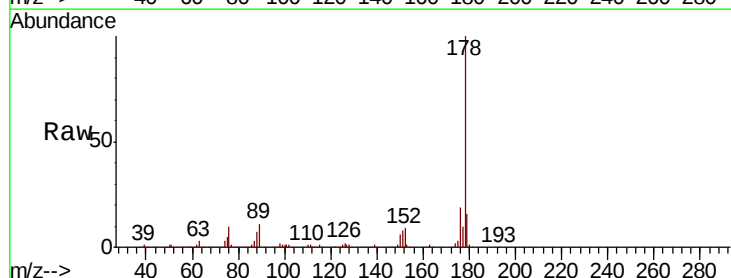
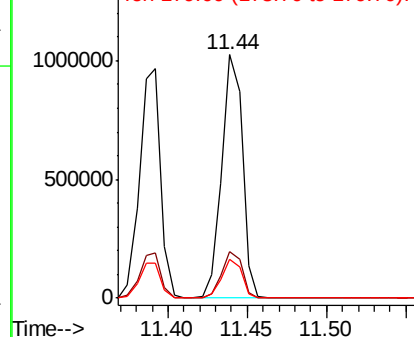
Delta R.T. -0.00 min

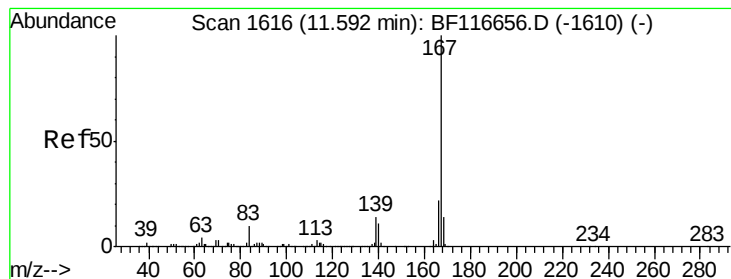
Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Tgt Ion:178	Resp:	929681
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.4 23.0
179	15.7	12.5 18.7

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.353 ng

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Instrument :

BNA_F

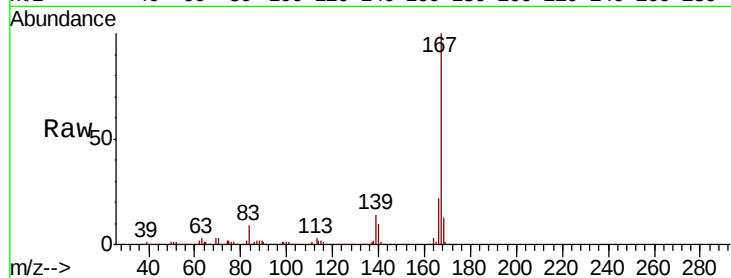
ClientSampleId :

S602A-M-1.0-1.5-083019MS

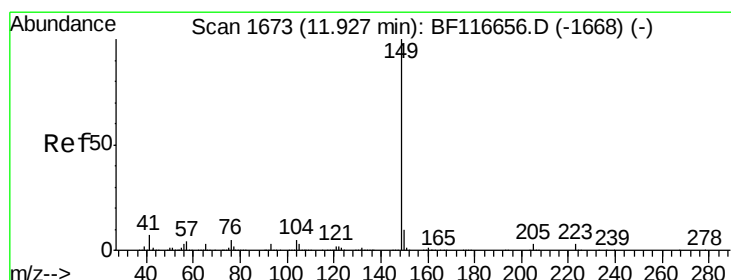
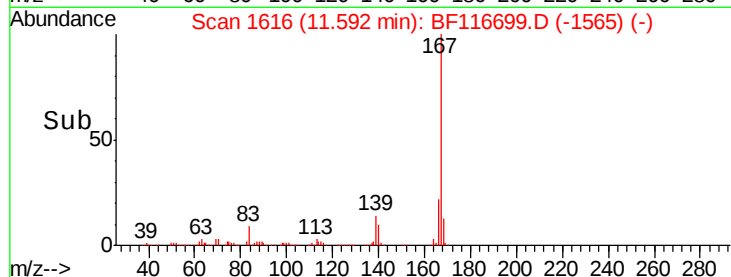
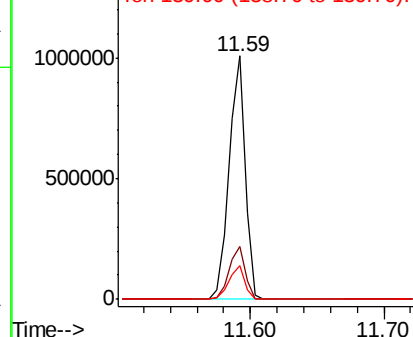
Tot Ion:	167	Resp:	866681
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.8	26.6
139	13.8	11.1	16.7

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.394 ng

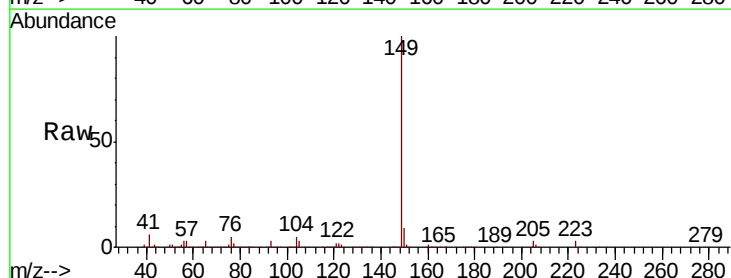
RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

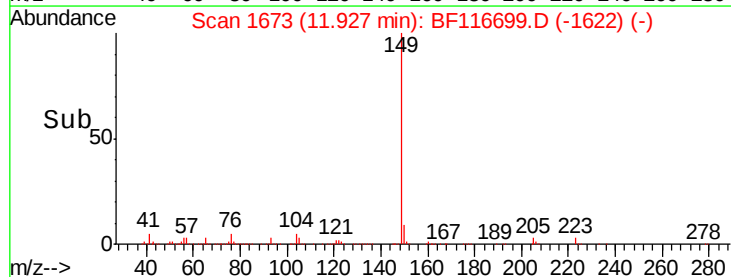
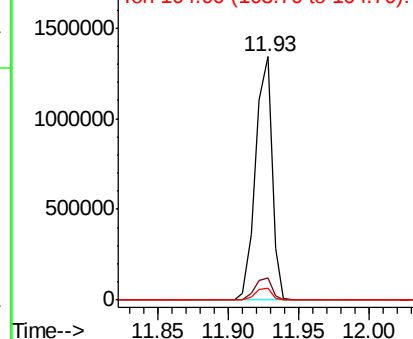
Lab File: BF116699.D

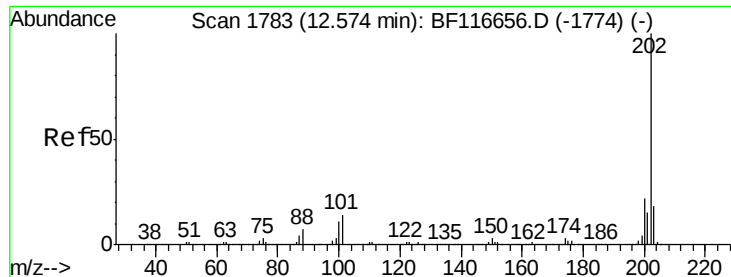
Acq: 31 Aug 2019 15:11

Tgt Ion:	149	Resp:	1112095
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.2	10.8
104	4.9	4.2	6.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.988 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Instrument :

BNA_F

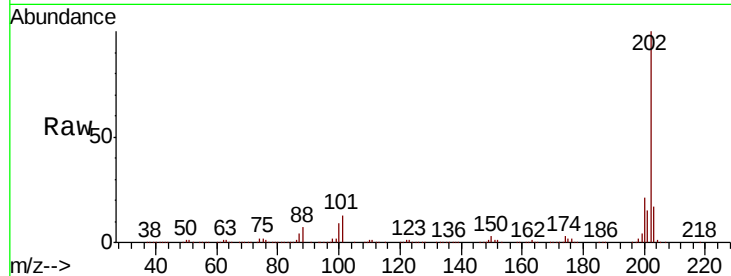
ClientSampleId :

S602A-M-1.0-1.5-083019MS

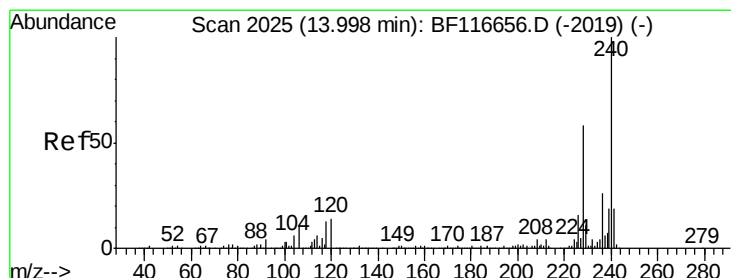
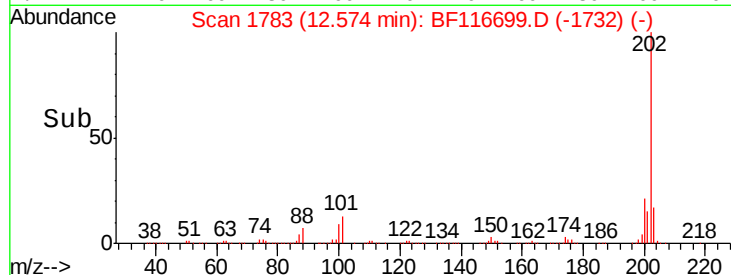
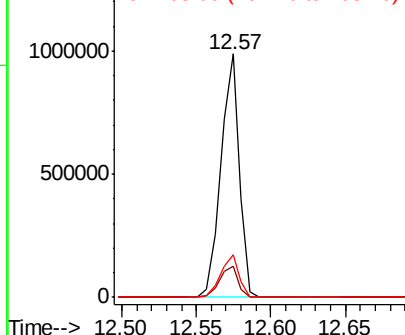
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.5	0.0	31.3
203	17.3	0.0	37.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

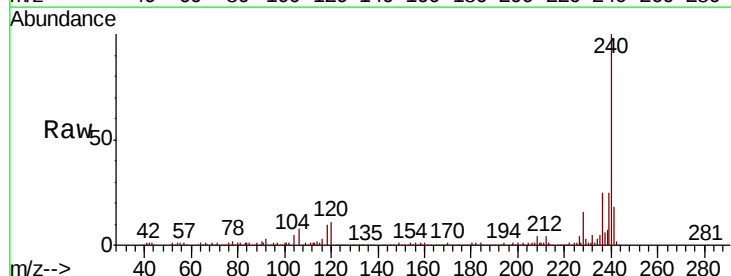
RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

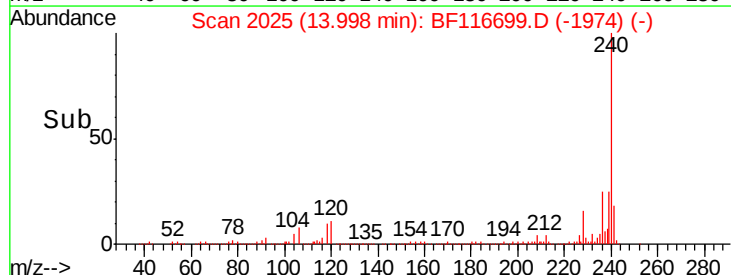
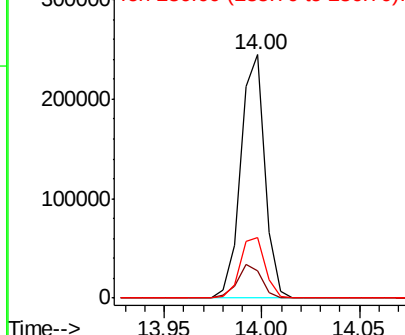
Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.2	9.1	13.7
236	24.8	21.1	31.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.897 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Instrument :

BNA_F

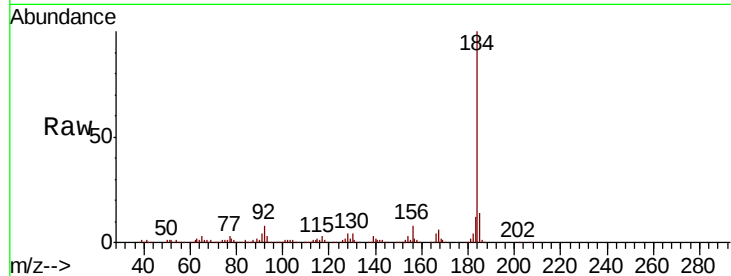
ClientSampleId :

S602A-M-1.0-1.5-083019MS

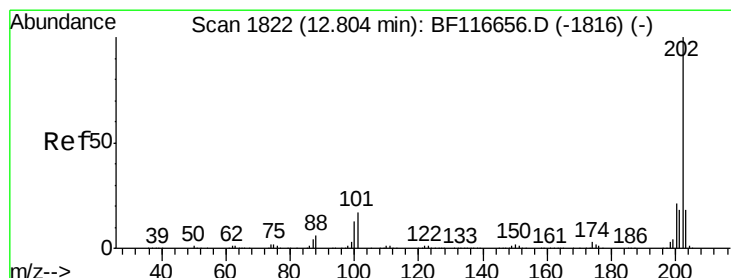
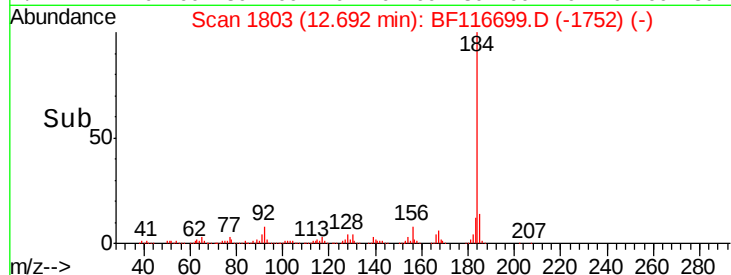
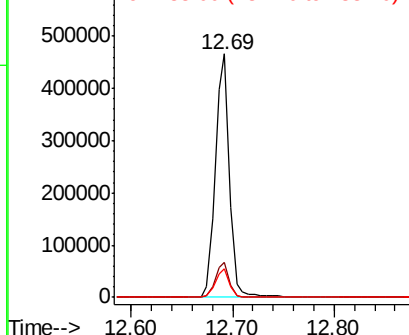
Tot Ion:	184	Resp:	452311
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.3	16.9
183	11.9	9.2	13.8

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.032 ng

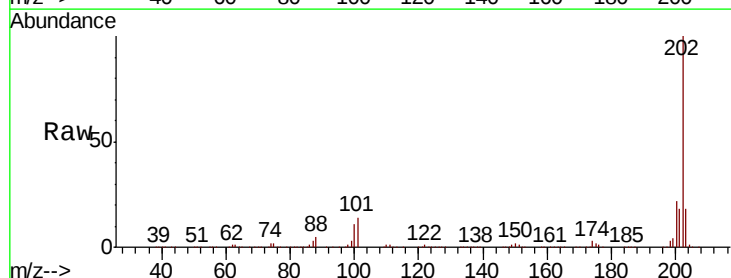
RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

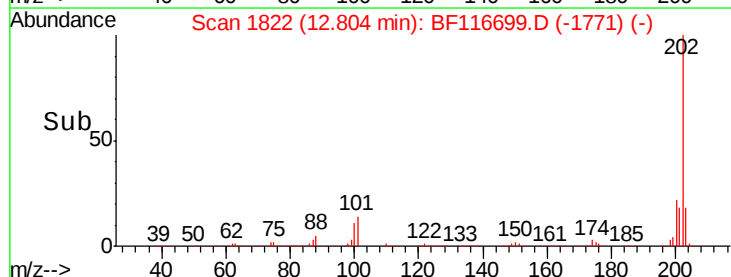
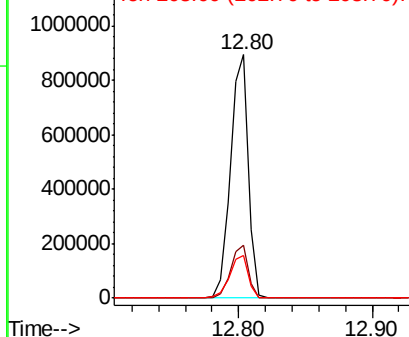
Lab File: BF116699.D

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Tgt Ion:	202	Resp:	840908
Ion Ratio	Lower	Upper	
202	100		
200	21.7	16.5	24.7
203	17.7	13.7	20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





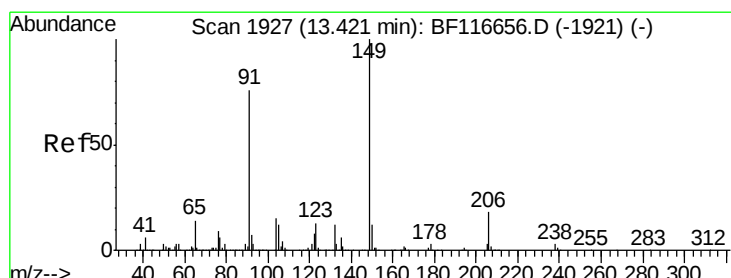
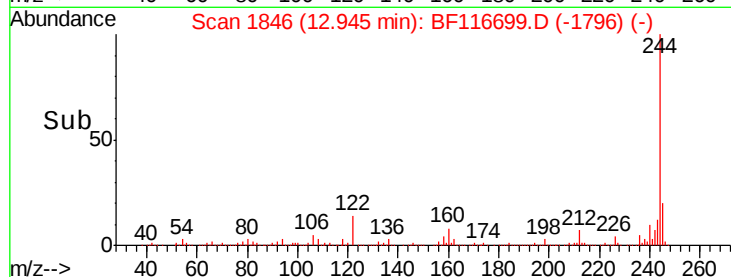
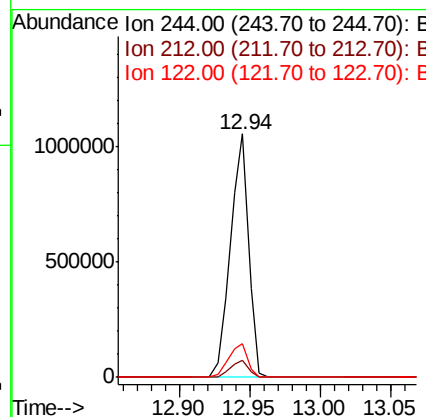
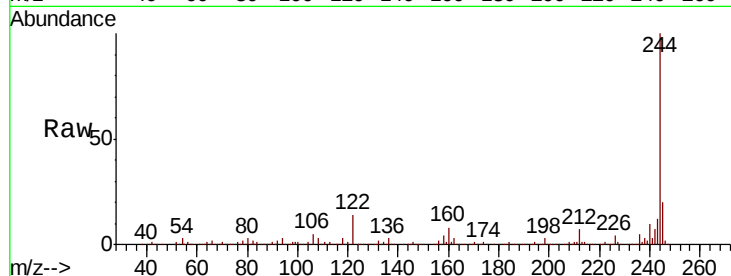
#79
 Terphenyl-d14
 Concen: 83.159 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116699.D
 Acq: 31 Aug 2019 15:11

Instrument :
 BNA_F
 ClientSampleId :
 S602A-M-1.0-1.5-083019MS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.1	6.1	9.1	
122	13.6	10.2	15.4	

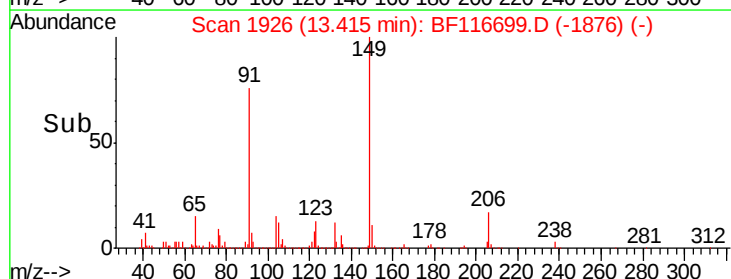
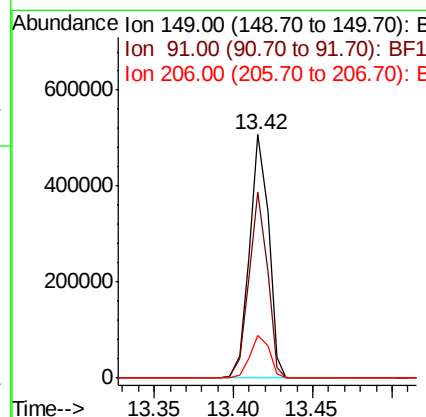
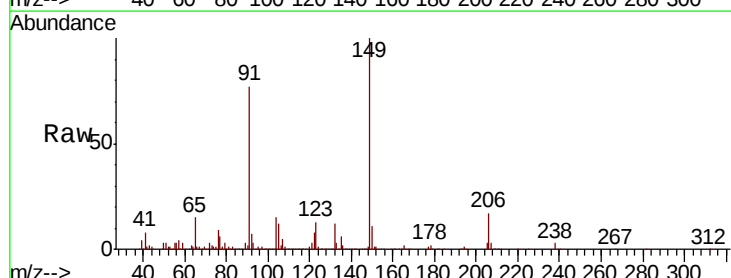
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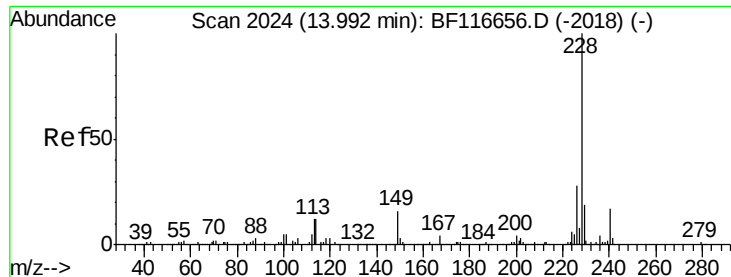
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#80
 Butylbenzylphthalate
 Concen: 46.732 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BF116699.D
 Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	76.6	61.0	91.4	
206	17.3	14.8	22.2	





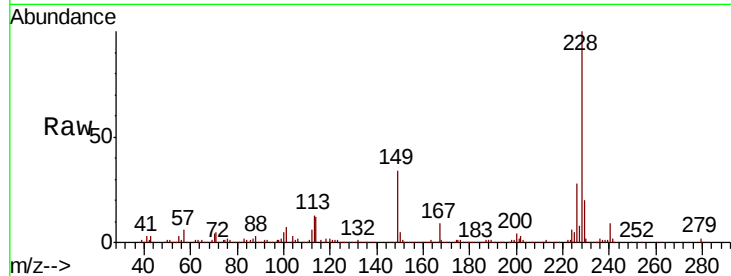
#81
Benzo(a)anthracene
Concen: 43.990 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.0	33.0
229	19.7	16.4	24.6

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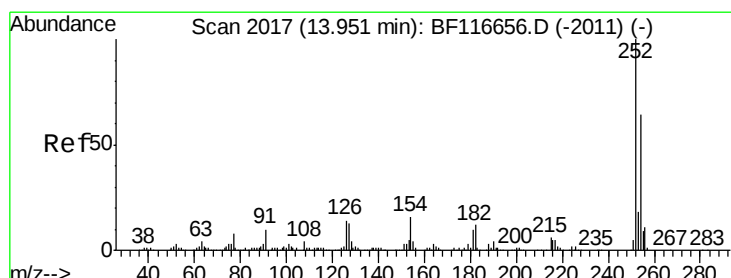
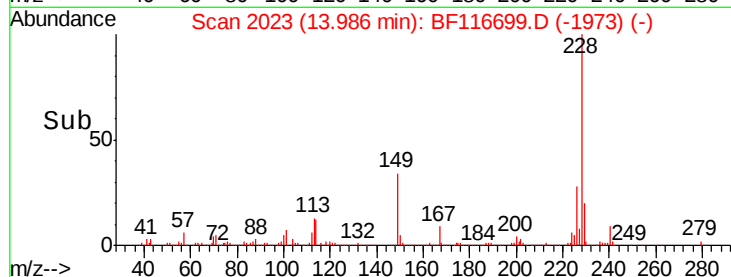
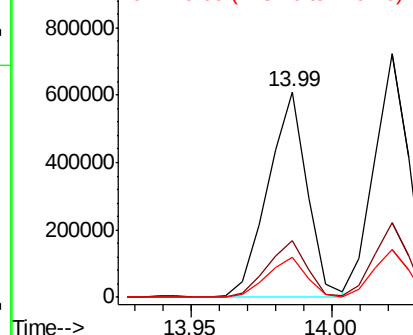


Abundance

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



#82
3,3'-Dichlorobenzidine
Concen: 43.561 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

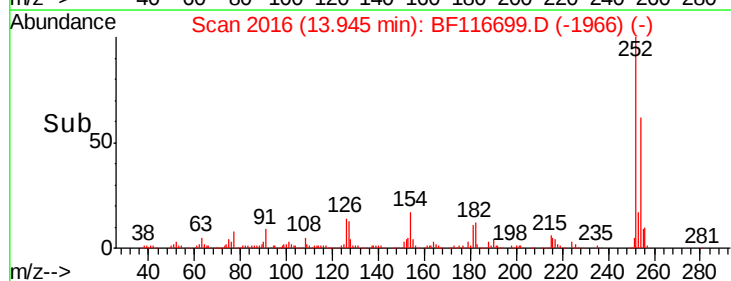
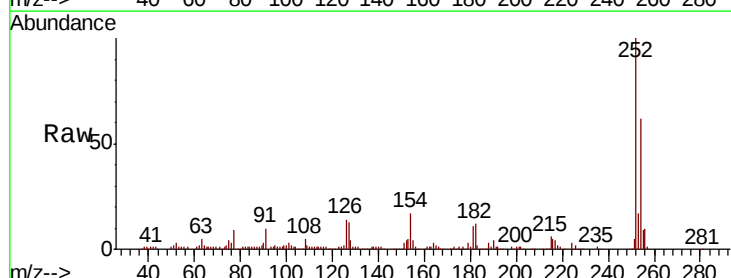
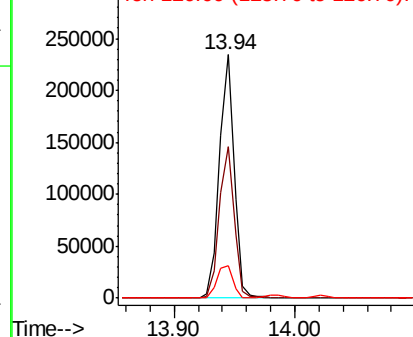
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.5	50.1	75.1
126	13.6	10.6	16.0

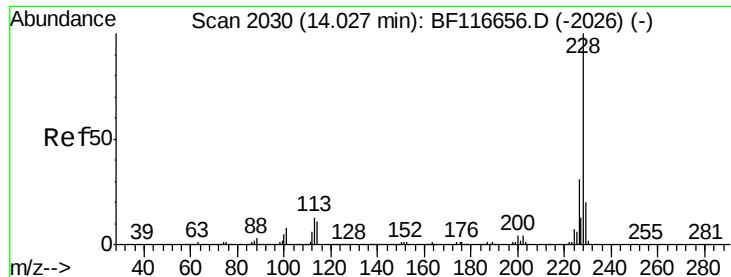
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





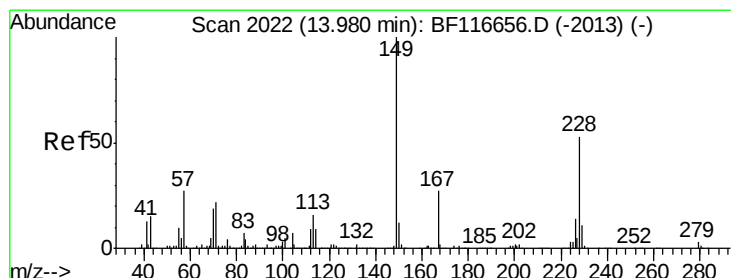
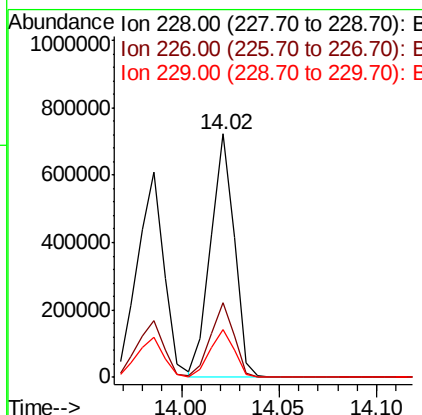
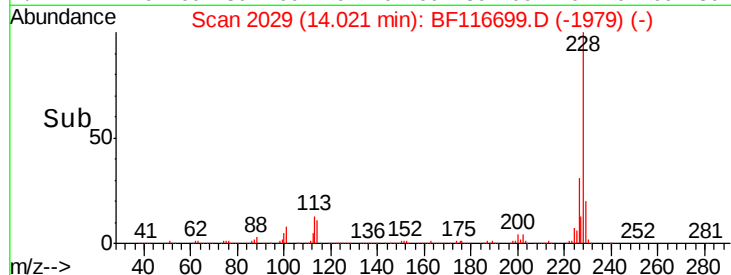
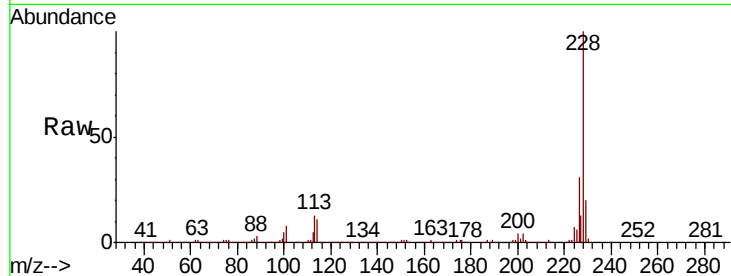
#83
 Chrvsene
 Concen: 44.269 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF116699.D
 Acq: 31 Aug 2019 15:11

Instrument :
 BNA_F
 ClientSampleId :
 S602A-M-1.0-1.5-083019MS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	606357		
226	30.8		24.0	36.0
229	19.8		15.4	23.0

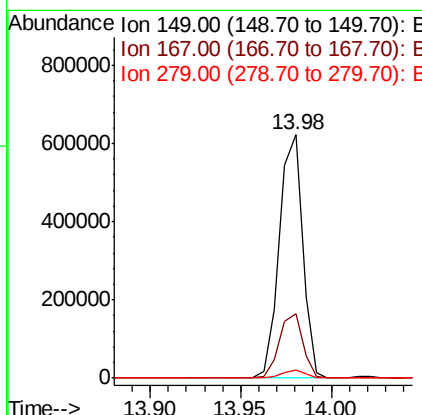
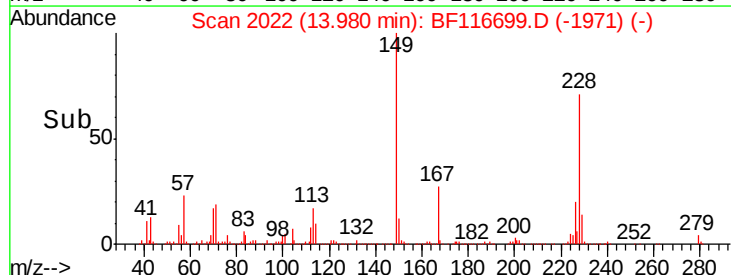
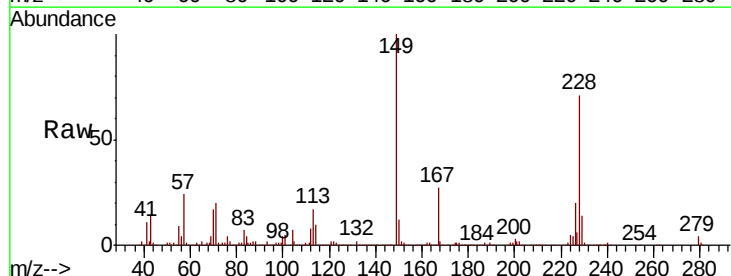
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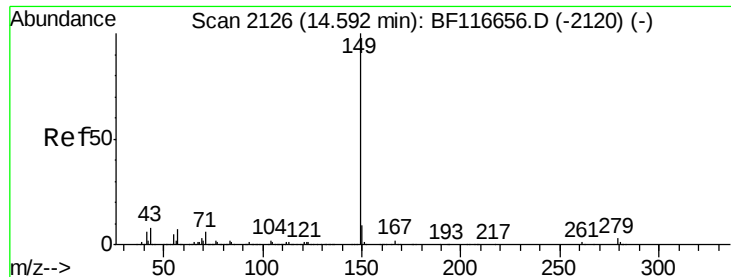
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.016 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF116699.D
 Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	560657		
167	26.6		21.0	31.4
279	3.6		2.8	4.2





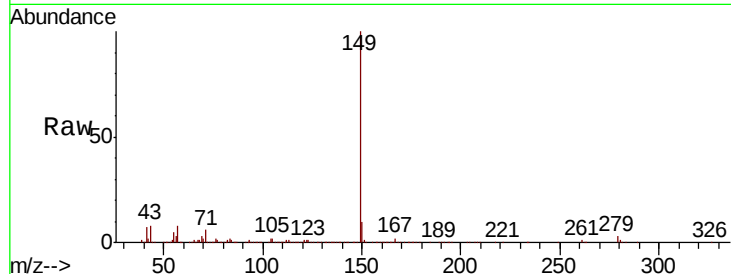
#85
Di-n-octyl phthalate
Concen: 50.227 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

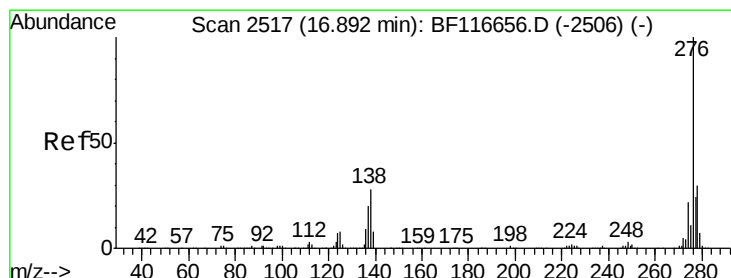
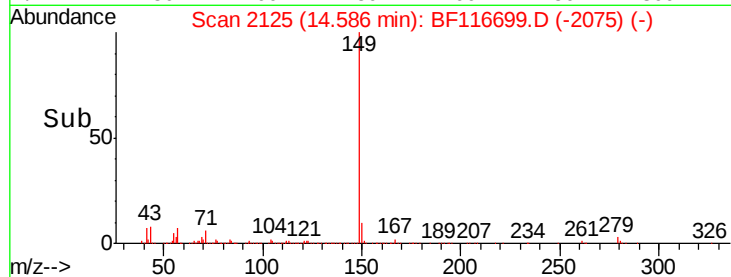
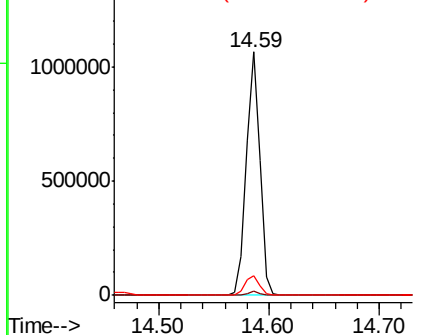
Tot Ion	Ratio	Resp	Lower	Upper
149	100	921368		
167	1.5		1.3	1.9
43	8.3		7.8	11.8

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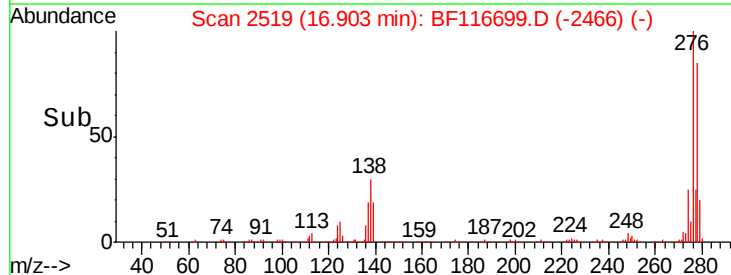
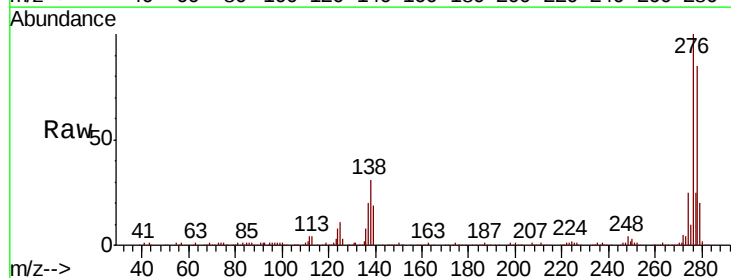
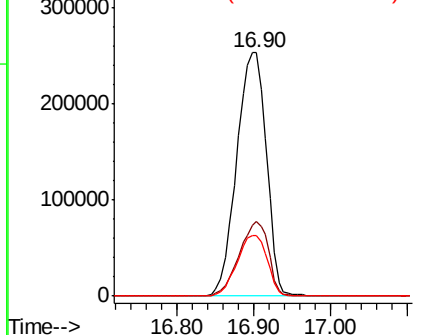
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

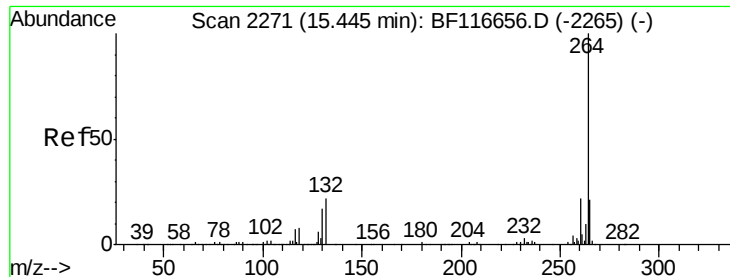


#86
Indeno(1,2,3-cd)pyrene
Concen: 62.345 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	685907		
138	30.3		19.4	29.2#
277	25.5		20.5	30.7

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: 15.44 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Instrument :

BNA_F

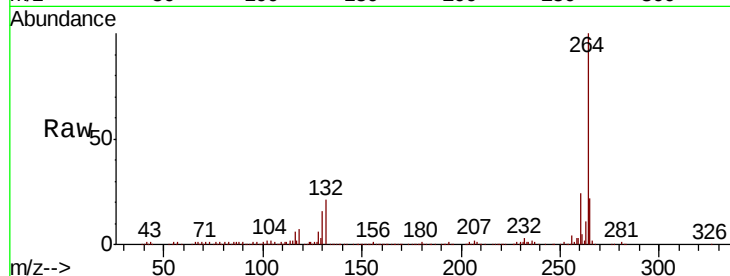
ClientSampleId :

S602A-M-1.0-1.5-083019MS

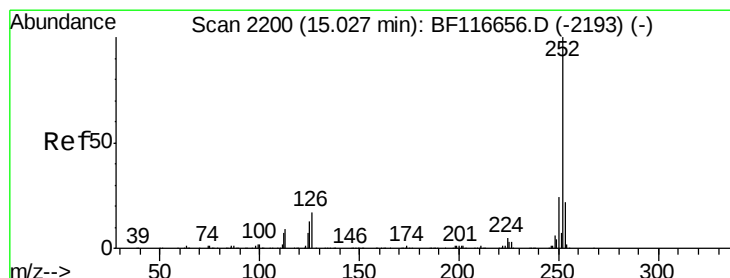
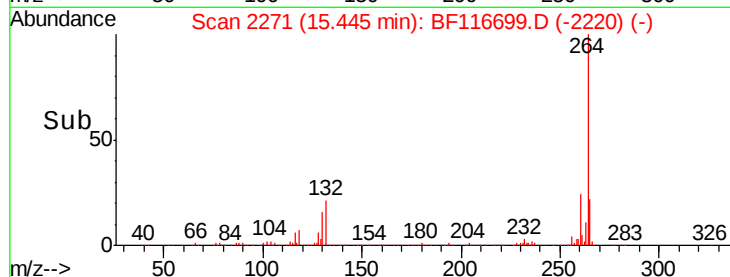
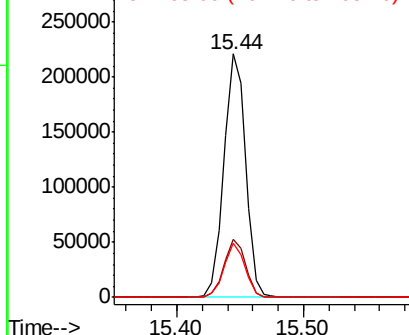
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	22.0	16.5	24.7

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.771 ng

RT: 15.03 min Scan# 2200

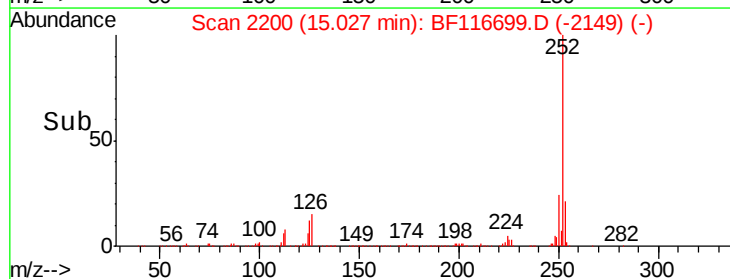
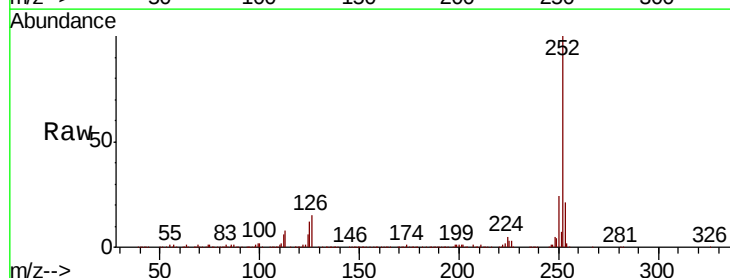
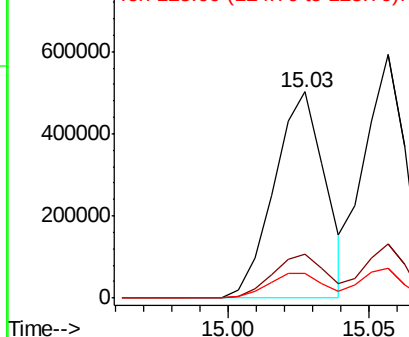
Delta R.T. 0.00 min

Lab File: BF116699.D

Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.7	26.5
125	11.9	8.2	12.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





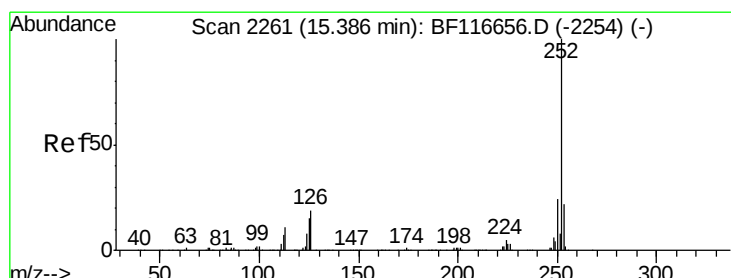
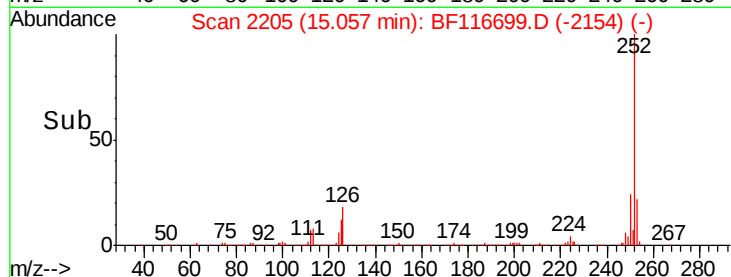
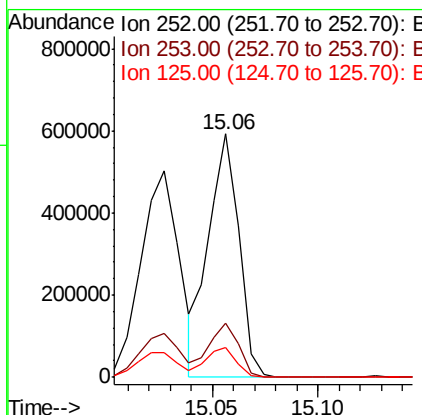
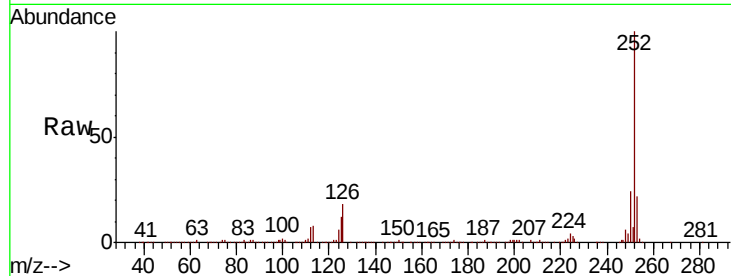
#89
Benzo(k)fluoranthene
Concen: 41.042 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	12.1	8.6	13.0

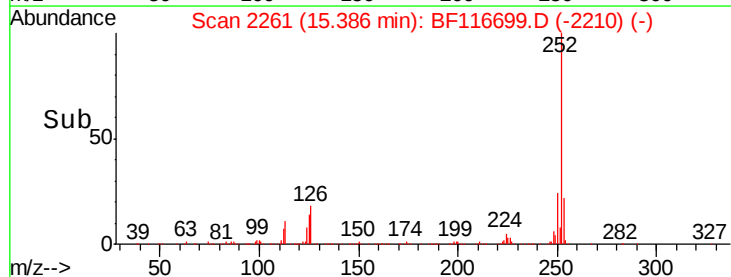
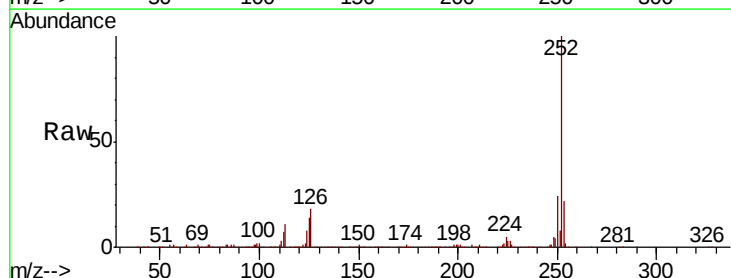
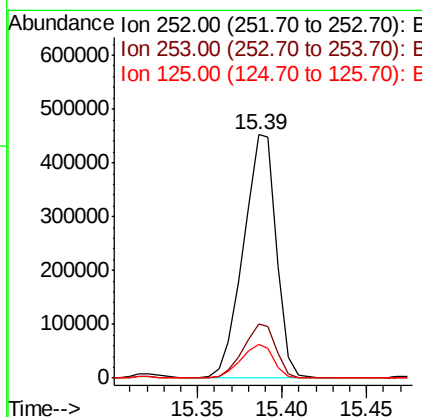
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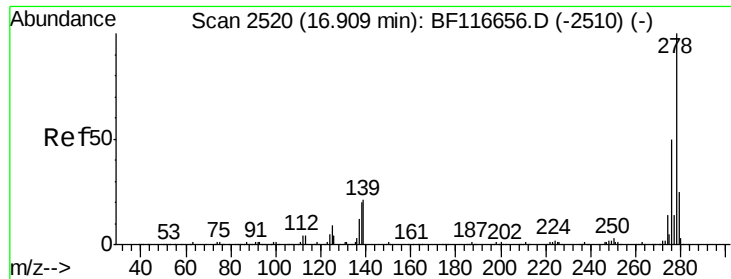
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#90
Benzo(a)pyrene
Concen: 44.648 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	13.7	9.8	14.8





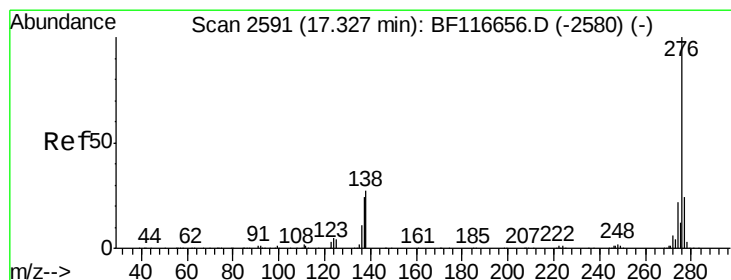
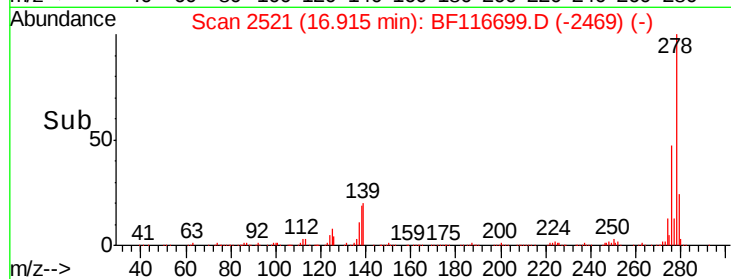
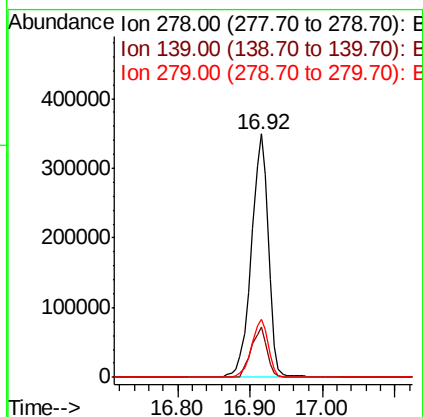
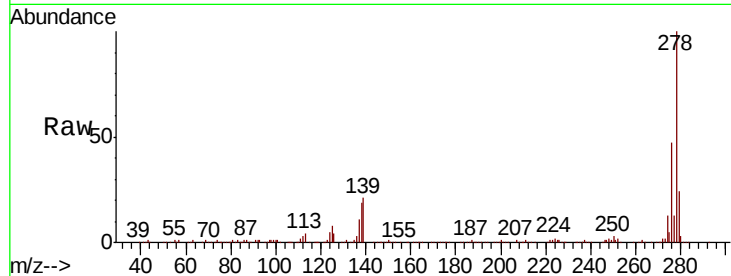
#91
Dibenzo(a,h)anthracene
Concen: 47.362 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.6	12.4	18.6#
279	24.1	18.2	27.4

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#92
Benzo(g,h,i)perylene
Concen: 44.497 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BF116699.D
Acq: 31 Aug 2019 15:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.5	27.7
138	27.1	16.2	24.2#

