

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
 Data File : BF116041.D
 Acq On : 7 Aug 2019 10:58
 Operator : HP/JU
 Sample : PB122007BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122007BS

Manual Integrations
 APPROVED

mohammad
 8/8/2019 4:46:41 PM

Quant Time: Aug 07 13:09:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	139187	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	569291	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	309268	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	543634	20.00	ng	0.00
76) Chrysene-d12	14.01	240	386117	20.00	ng	0.00
87) Perylene-d12	15.47	264	315473	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	874514	105.18	ng	0.01
7) Phenol-d6	6.49	99	1115400	106.33	ng	0.00
23) Nitrobenzene-d5	7.41	82	721494	73.16	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	320712	106.96	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1270724	76.96	ng	0.00
79) Terphenyl-d14	12.94	244	1465296	79.97	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.69	88	161256	38.391 ng	98
3) Pyridine	3.45	79	333878	28.456 ng	98
4) n-Nitrosodimethylamine	3.39	42	161182	34.810 ng	99
6) Aniline	6.51	93	416788	27.743 ng	99
8) 2-Chlorophenol	6.63	128	361955	39.369 ng	97
9) Benzaldehyde	6.40	77	120151	16.600 ng	98
10) Phenol	6.50	94	461951	37.396 ng	88
11) bis(2-Chloroethyl)ether	6.58	93	346056	38.103 ng	99
12) 1,3-Dichlorobenzene	6.79	146	379736	35.738 ng	99
13) 1,4-Dichlorobenzene	6.86	146	386369	36.317 ng	98
14) 1,2-Dichlorobenzene	7.02	146	358494	36.595 ng	99
15) Benzyl Alcohol	6.99	79	309596	38.890 ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	461644	37.266 ng	97
17) 2-Methylphenol	7.10	107	306793	39.408 ng	99
18) Hexachloroethane	7.36	117	140017	35.746 ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	250562	38.546 ng	97
20) 3+4-Methylphenols	7.26	107	373678	40.562 ng	96
22) Acetophenone	7.25	105	498437	39.922 ng	99
24) Nitrobenzene	7.43	77	405080	38.039 ng	99
25) Isophorone	7.67	82	730367	38.729 ng	99
26) 2-Nitrophenol	7.75	139	199849	39.812 ng	95
27) 2,4-Dimethylphenol	7.78	122	327528	43.368 ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	450303	38.524 ng	100
29) 2,4-Dichlorophenol	7.99	162	317831	39.858 ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	335336	36.892 ng	99
31) Naphthalene	8.15	128	1041437	38.875 ng	99
32) Benzoic acid	7.93	122	192983	36.244 ng	99
33) 4-Chloroaniline	8.20	127	330479	27.609 ng	97
34) Hexachlorobutadiene	8.26	225	186673	35.654 ng	97
35) Caprolactam	8.57	113	99791m	38.693 ng	
36) 4-Chloro-3-methylphenol	8.69	107	334787	40.357 ng	95
37) 2-Methylnaphthalene	8.84	142	699027	39.620 ng	100
38) 1-Methylnaphthalene	8.94	142	660557	39.575 ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	323020	39.069 ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	148949	43.081	nq	100
43) 2,4,6-Trichlorophenol	9.12	196	208386	36.617	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	228493	38.841	nq	97
46) 1,1'-Biphenyl	9.30	154	864247	39.582	nq	98
47) 2-Chloronaphthalene	9.33	162	678336	37.328	nq	99
48) 2-Nitroaniline	9.43	65	220960	36.786	nq	98
49) Acenaphthylene	9.75	152	1025139	38.667	nq	99
50) Dimethylphthalate	9.60	163	821079	38.992	nq	99
51) 2,6-Dinitrotoluene	9.67	165	181660	39.697	nq	99
52) Acenaphthene	9.92	154	617597	37.972	nq	99
53) 3-Nitroaniline	9.84	138	154981	27.409	nq	94
54) 2,4-Dinitrophenol	9.95	184	149097	65.615	nq	92
55) Dibenzofuran	10.09	168	916883	38.764	nq	99
56) 4-Nitrophenol	10.01	139	251727	69.494	nq	96
57) 2,4-Dinitrotoluene	10.07	165	237517	38.983	nq	99
58) Fluorene	10.43	166	725527	39.868	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	188911	38.170	nq	97
60) Diethylphthalate	10.30	149	788381	40.101	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	364637	39.564	nq	98
62) 4-Nitroaniline	10.46	138	199212	34.091	nq	99
63) Azobenzene	10.58	77	811425	40.127	nq	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	116025	40.274	nq	98
66) n-Nitrosodiphenylamine	10.54	169	653873	39.961	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	225805	38.801	nq	96
68) Hexachlorobenzene	10.98	284	252022	37.451	nq	98
69) Atrazine	11.06	200	204180	37.930	nq	99
70) Pentachlorophenol	11.18	266	228289	69.875	nq	99
71) Phenanthrene	11.39	178	1073852	38.639	nq	99
72) Anthracene	11.45	178	1106139	39.327	nq	99
73) Carbazole	11.60	167	1020881	40.007	nq	99
74) Di-n-butylphthalate	11.92	149	1249360	41.971	nq	99
75) Fluoranthene	12.58	202	1152480	39.611	nq	99
77) Benzidine	12.70	184	358407	27.475	nq	97
78) Pyrene	12.81	202	1151402	39.559	nq	99
80) Butylbenzylphthalate	13.42	149	532869	43.280	nq	94
81) Benzo(a)anthracene	14.00	228	962348	38.994	nq	100
82) 3,3'-Dichlorobenzidine	13.96	252	314249	36.651	nq	99
83) Chrysene	14.03	228	938779	39.182	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	756965	47.312	nq	99
85) Di-n-octyl phthalate	14.59	149	1191818	46.898	nq	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	765668	38.048	nq	100
88) Benzo(b)fluoranthene	15.05	252	846367	46.399	nq	100
89) Benzo(k)fluoranthene	15.08	252	804432	45.277	nq	100
90) Benzo(a)pyrene	15.42	252	764000	46.854	nq	100
91) Dibenzo(a,h)anthracene	16.96	278	646191	45.782	nq	100
92) Benzo(g,h,i)perylene	17.39	276	620206	44.742	nq	99

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

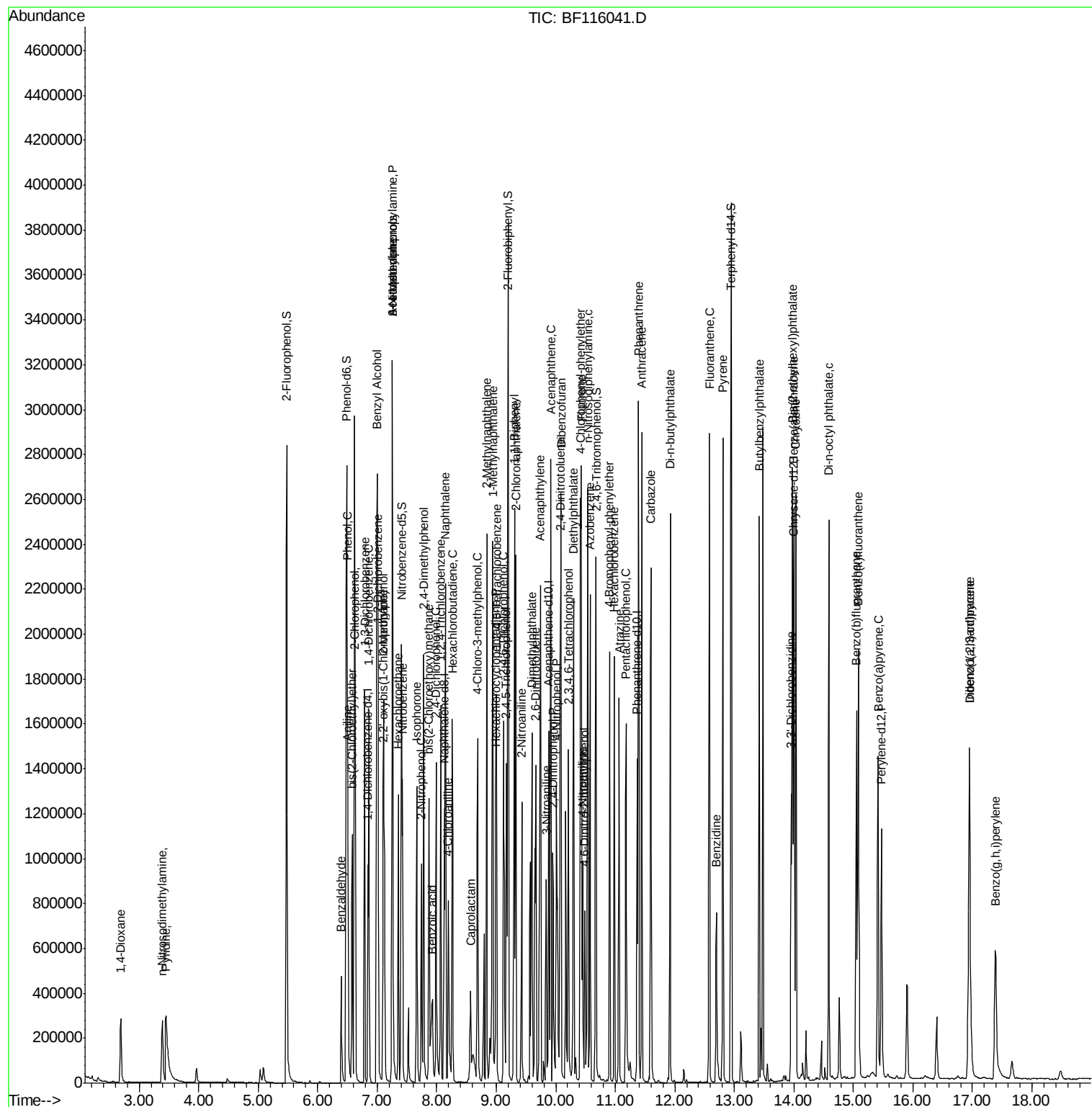
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#1

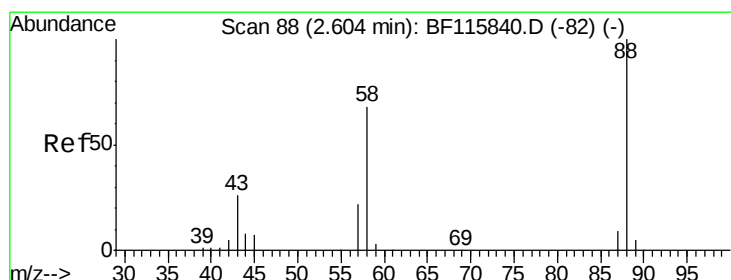
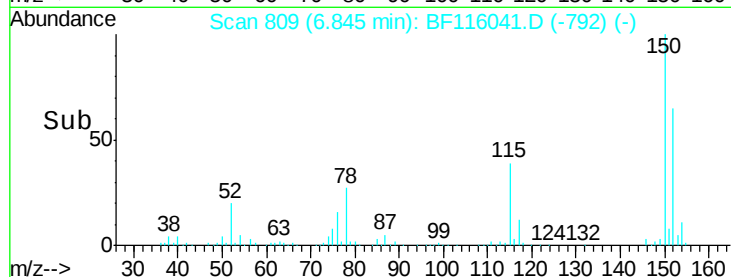
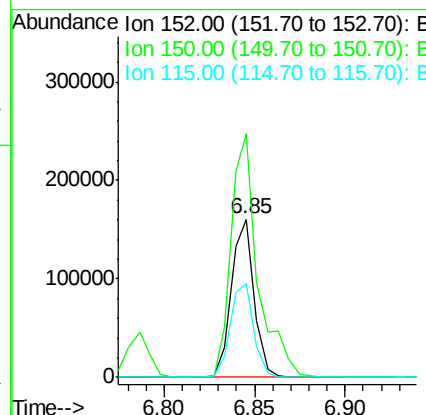
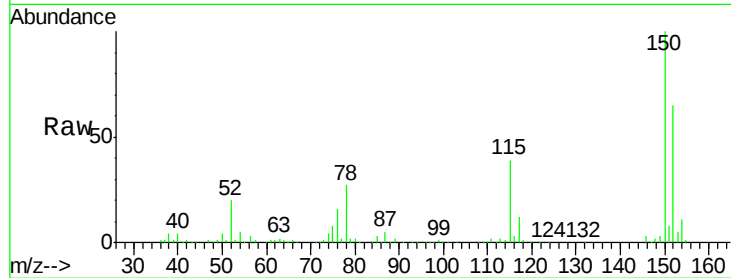
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Instrument :
BNA_F
ClientSampleId :
PB122007BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	59.5	49.9	74.9

Manual Integrations
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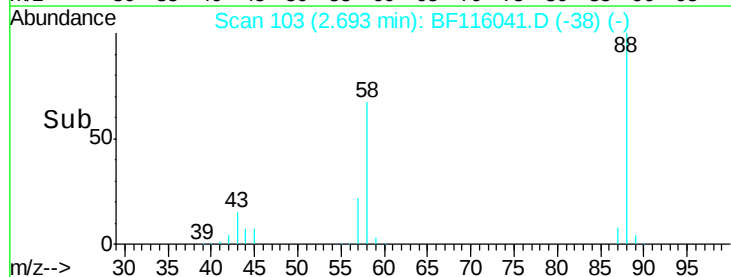
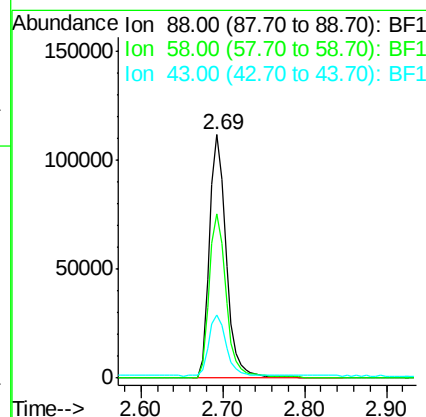
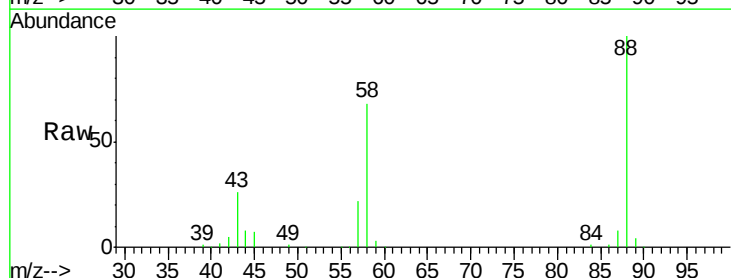
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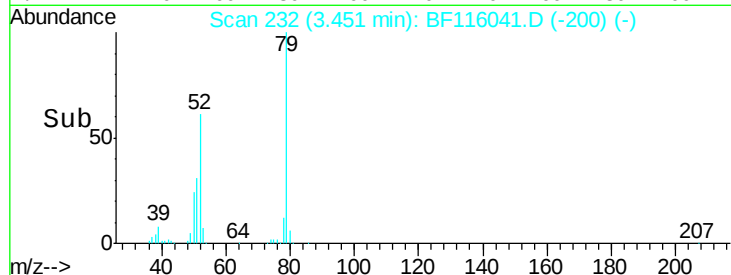
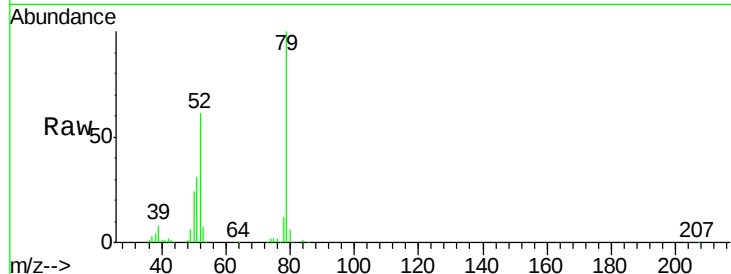
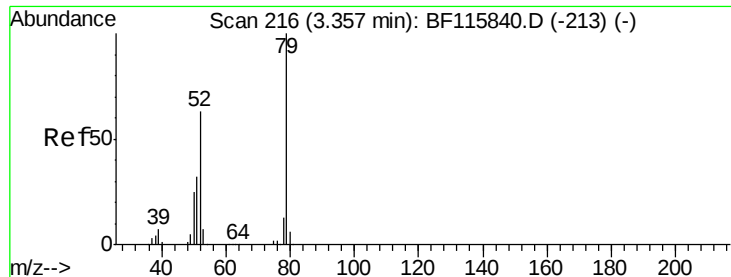


#2

1,4-Dioxane
Concen: 38.391 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.08 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.1	53.7	80.5
43	26.1	21.0	31.4





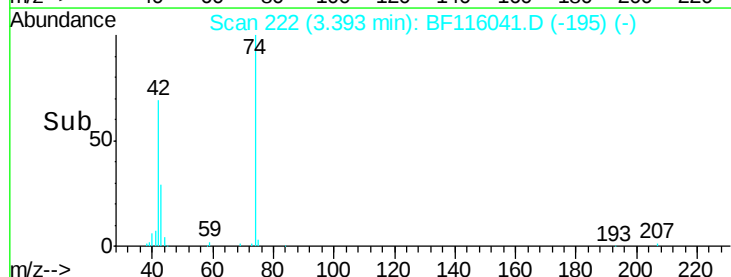
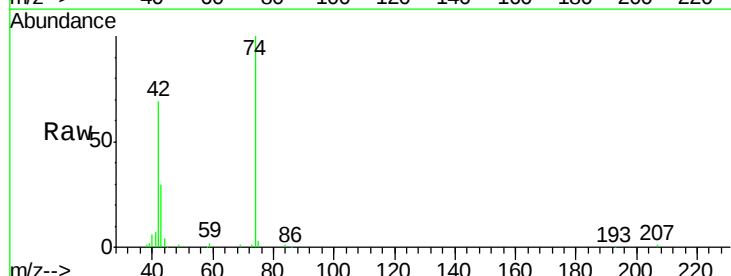
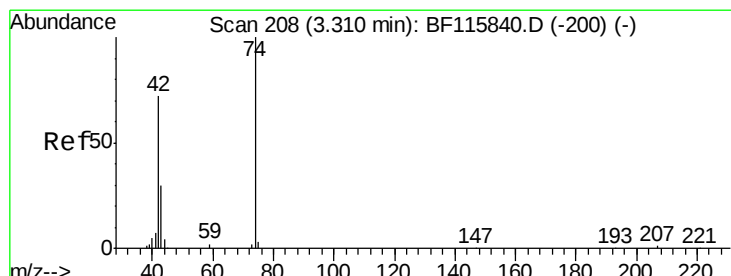
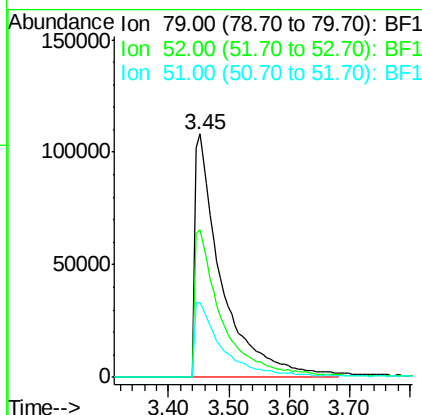
#3
 Pvridine
 Concen: 28.456 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.09 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Tot Ion:	79	Resp:	333878
Ion Ratio	Lower	Upper	
79	100		
52	60.9	49.8	74.8
51	30.8	25.2	37.8

Instrument :
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 ClientSampleId :
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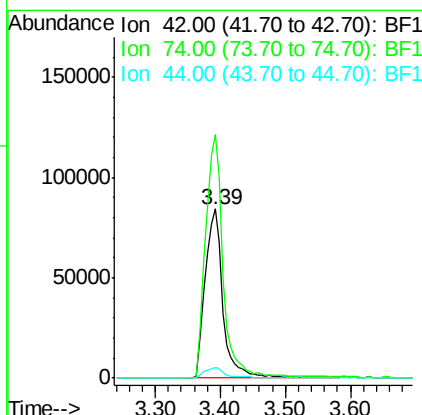
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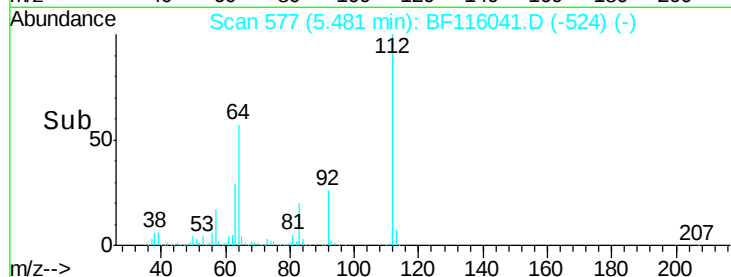
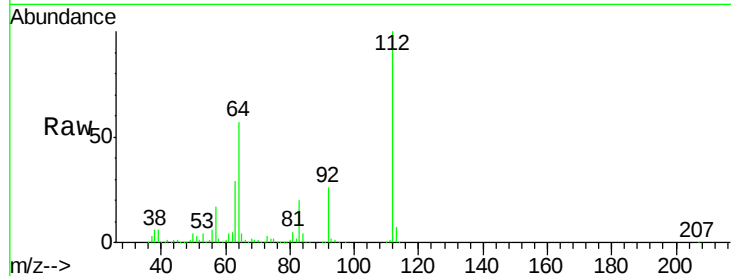
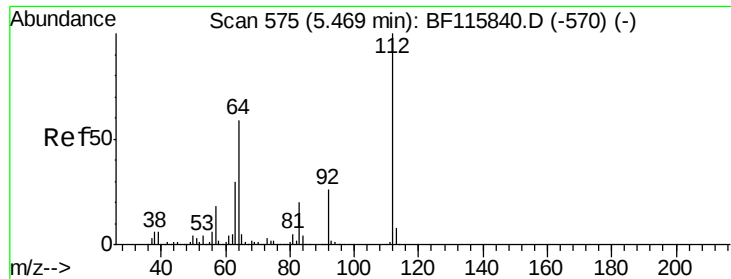
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#4
 n-Nitrosodimethylamine
 Concen: 34.810 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.06 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Tgt Ion:	42	Resp:	161182
Ion Ratio	Lower	Upper	
42	100		
74	144.0	116.0	174.0
44	6.4	4.6	7.0





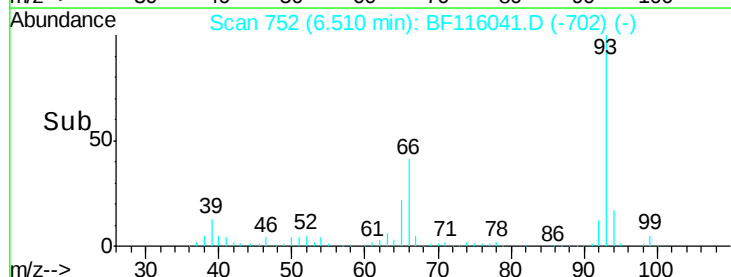
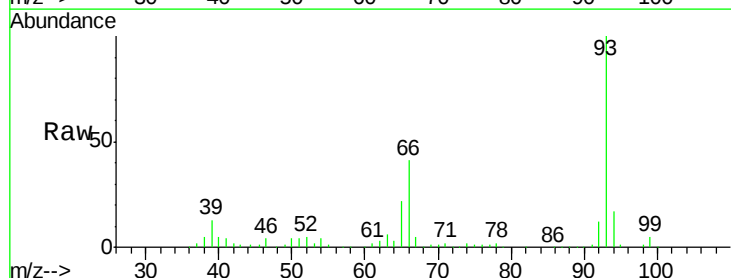
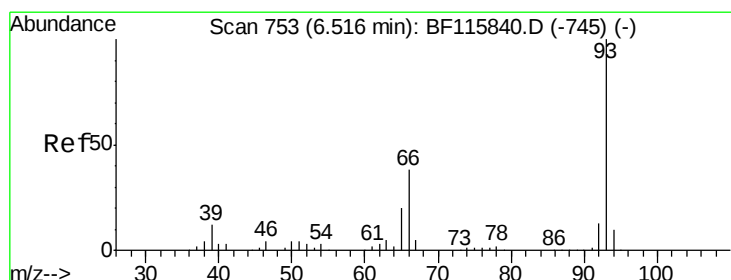
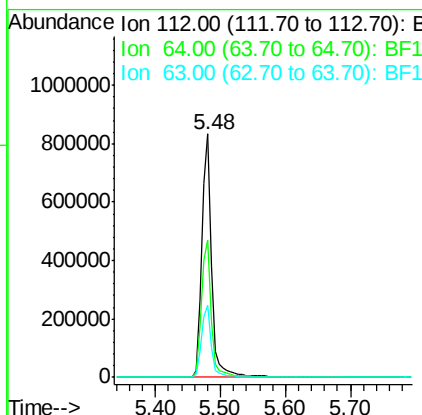
#5
2-Fluorophenol
Concen: 105.182 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tot Ion	Ratio	Resp	Lower	Upper
112	100	874514		
64	56.6	45.4	68.2	
63	29.4	23.7	35.5	

Instrument :
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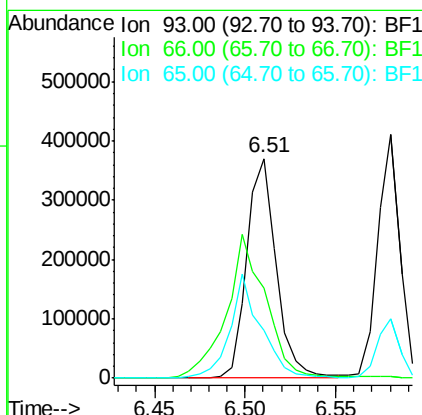
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#6
Aniline
Concen: 27.743 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	416788		
66	41.2	32.2	48.4	
65	21.6	17.0	25.6	





#7

Phenol-d6

Concen: 106.330 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF116041.D

Acq: 7 Aug 2019 10:58

Instrument :

BNA_F

ClientSampleId :

PB122007BS

Tot Ion: 99 Resp: 1115400

Ion Ratio Lower Upper

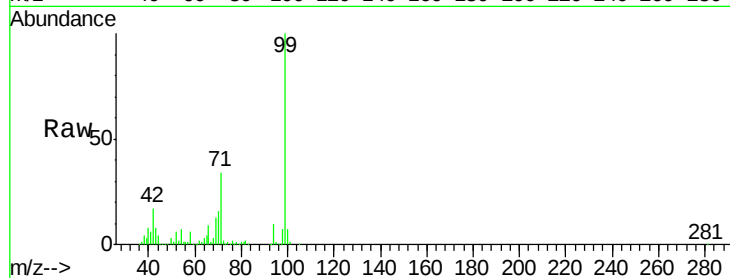
99 100

42 17.1 13.8 20.8

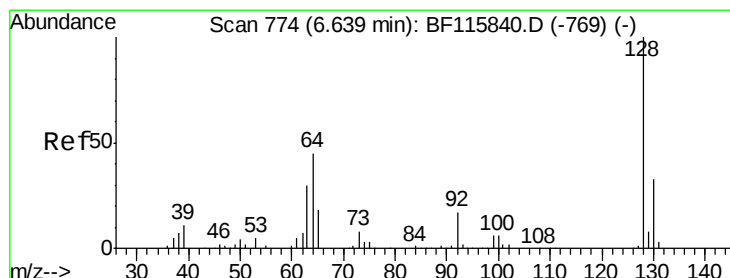
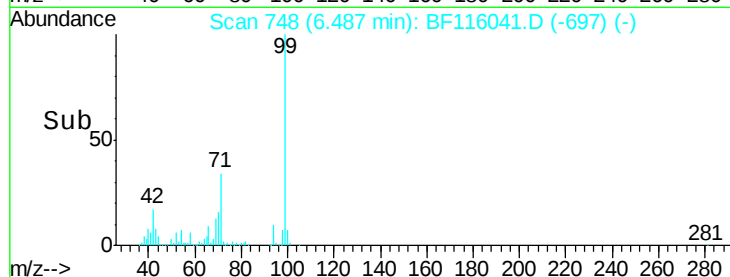
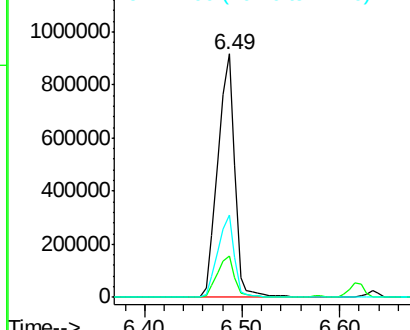
71 34.0 27.3 40.9

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.369 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116041.D

Acq: 7 Aug 2019 10:58

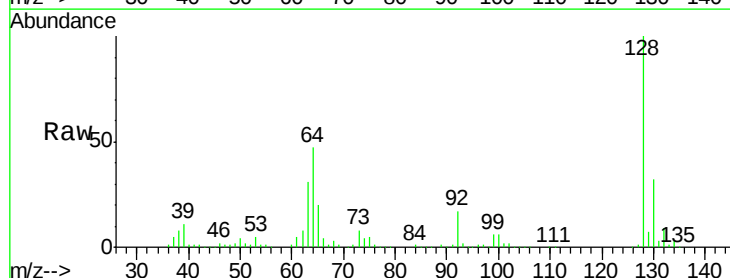
Tgt Ion: 128 Resp: 361955

Ion Ratio Lower Upper

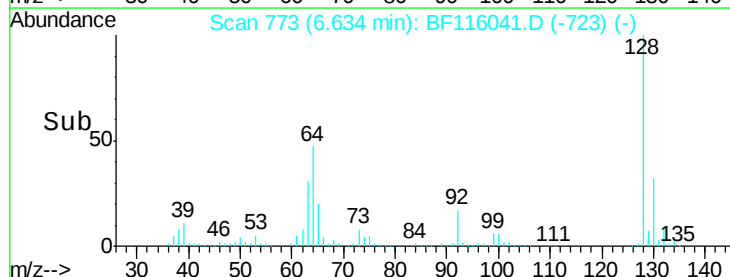
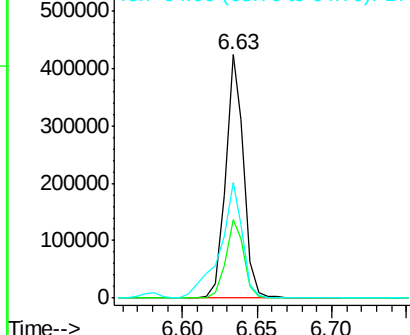
128 100

130 32.4 12.9 52.9

64 47.3 24.3 64.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.600 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF116041.D

Acq: 7 Aug 2019 10:58

Instrument :

BNA_F

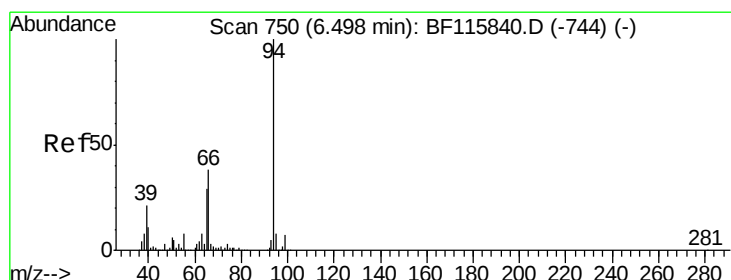
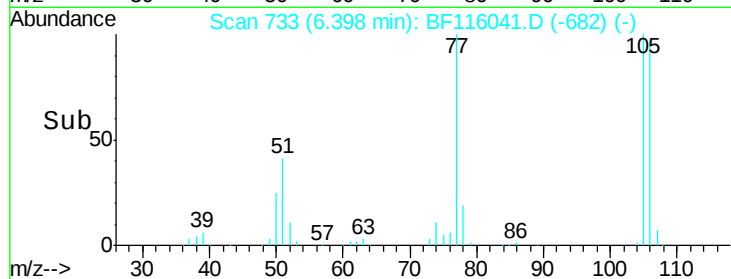
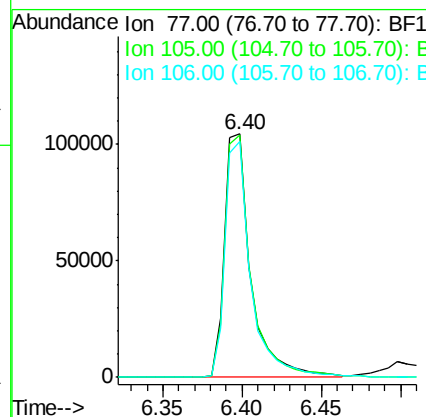
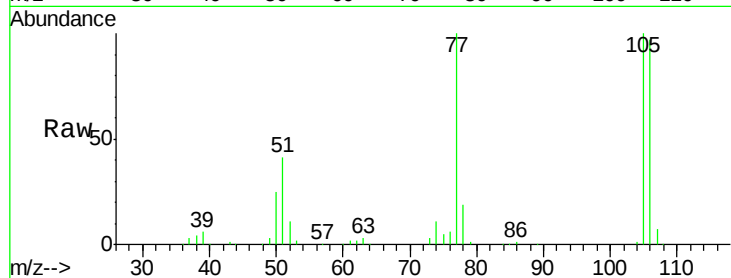
ClientSampled :

PB122007BS

Tot Ion:	77	Resp:	120151
Ion	Ratio	Lower	Upper
77	100		
105	99.7	79.2	119.2
106	97.1	74.3	114.3

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#10

Phenol

Concen: 37.396 ng

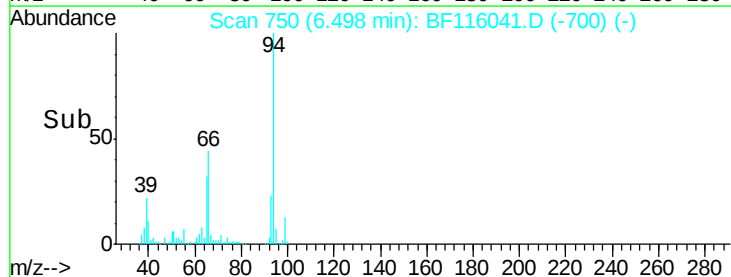
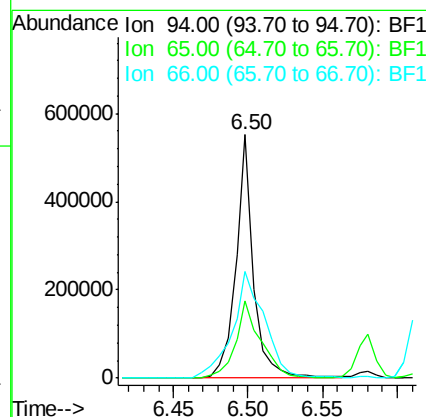
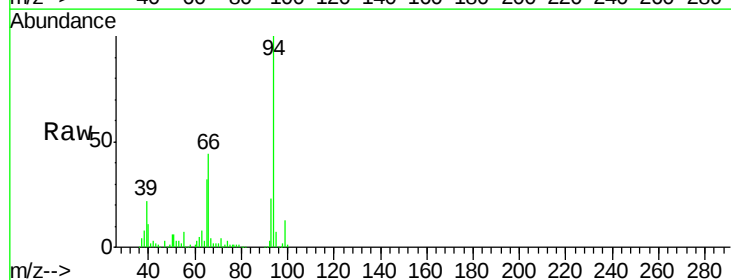
RT: 6.50 min Scan# 750

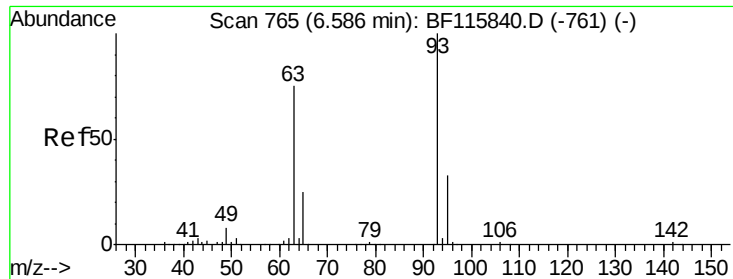
Delta R.T. -0.01 min

Lab File: BF116041.D

Acq: 7 Aug 2019 10:58

Tgt Ion:	94	Resp:	461951
Ion	Ratio	Lower	Upper
94	100		
65	31.9	16.8	56.8
66	43.9	34.2	74.2





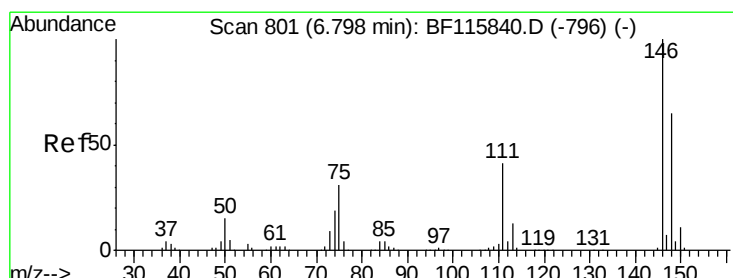
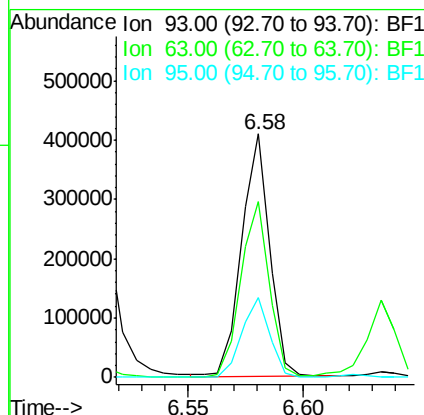
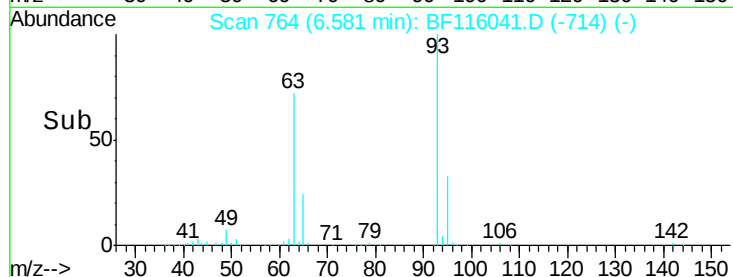
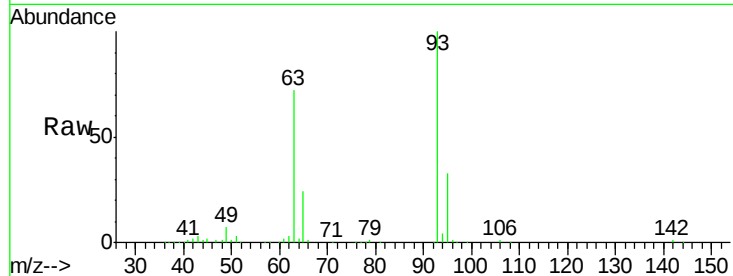
#11
bis(2-Chloroethyl)ether
Concen: 38.103 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Instrument :
BNA_F
ClientSampleId :
PB122007BS

Tot Ion:	93	Resp:	346056
Ion Ratio	Lower	Upper	
93	100		
63	72.4	51.9	91.9
95	32.8	13.0	53.0

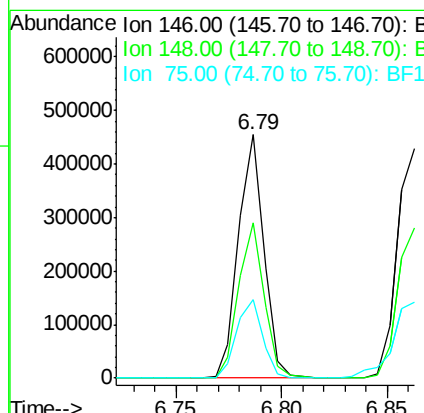
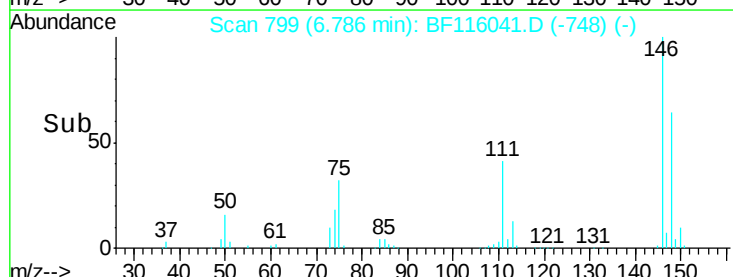
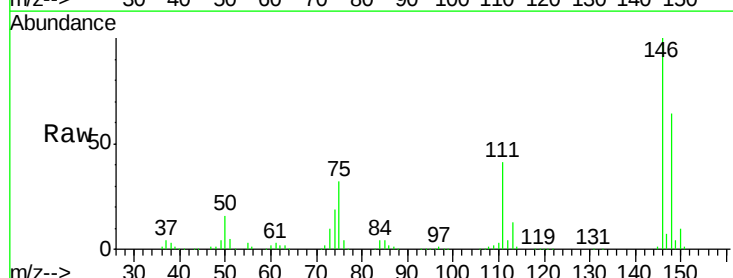
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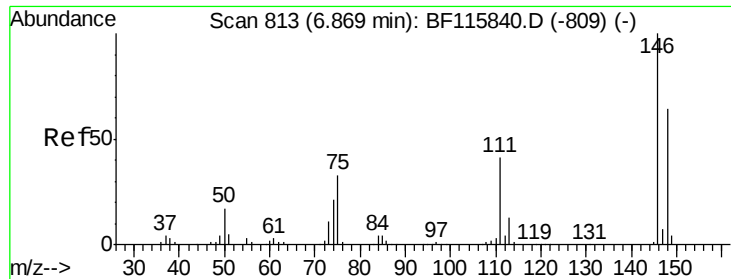
mohammad
8/8/2019 4:46:41 PM



#12
1,3-Dichlorobenzene
Concen: 35.738 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tgt Ion:	146	Resp:	379736
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.3	76.9
75	32.1	27.4	41.2





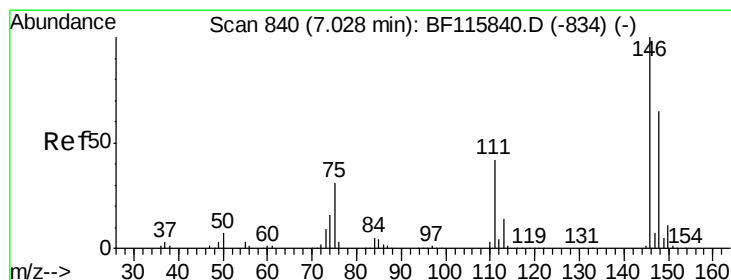
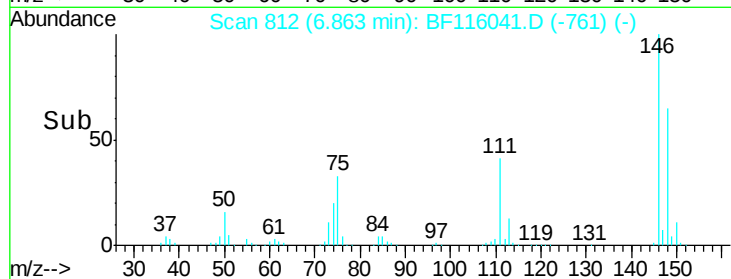
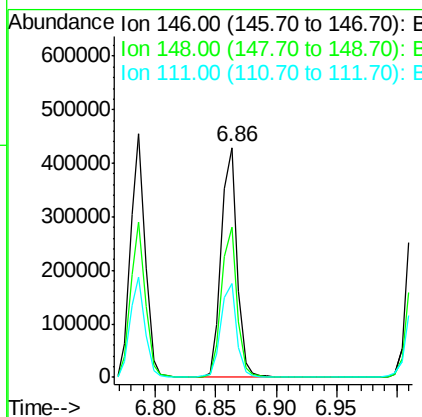
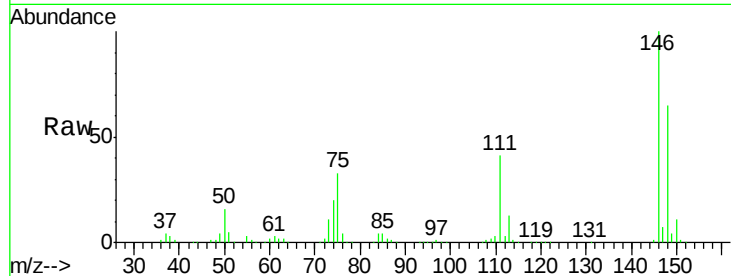
#13
 1,4-Dichlorobenzene
 Concen: 36.317 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122007BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.3	76.9
111	40.7	34.0	51.0

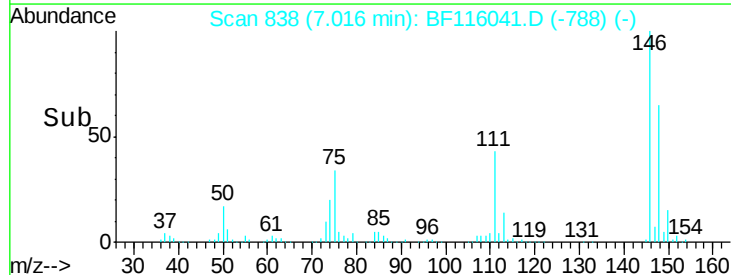
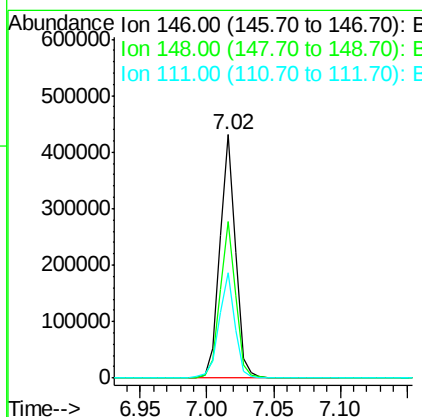
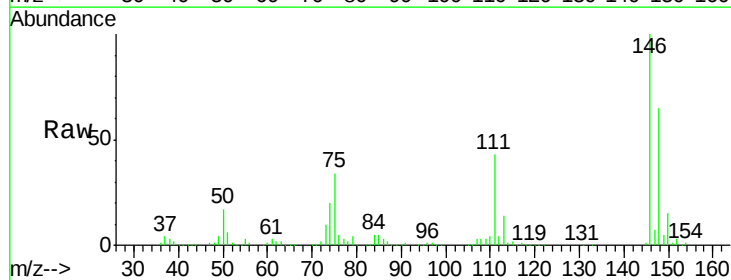
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#14
 1,2-Dichlorobenzene
 Concen: 36.595 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.2	76.8
111	43.0	33.5	50.3





#15

Benzyl Alcohol

Concen: 38.890 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF116041.D

Acq: 7 Aug 2019 10:58

Instrument :

BNA_F

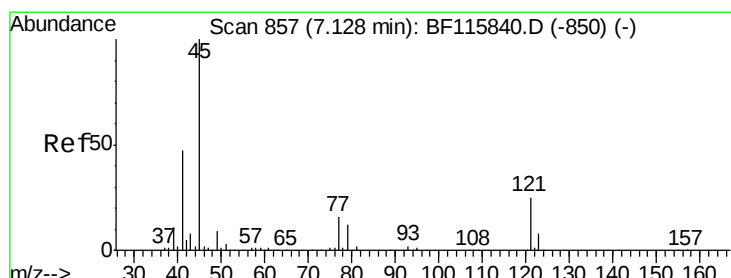
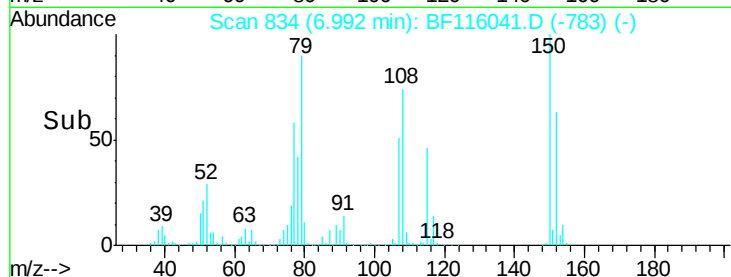
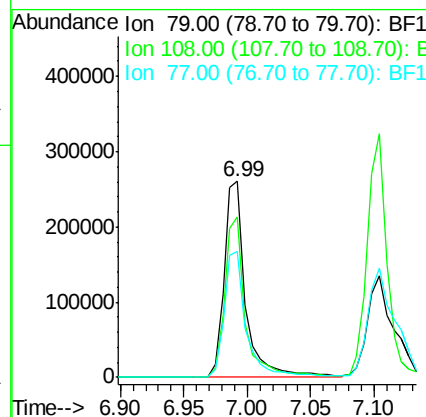
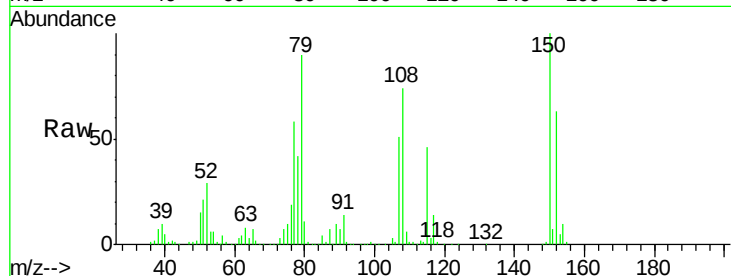
ClientSampleId :

PB122007BS

Tot Ion:	79	Resp:	309596
Ion Ratio	Lower	Upper	
79	100		
108	81.8	62.7	94.1
77	64.3	52.2	78.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.266 ng

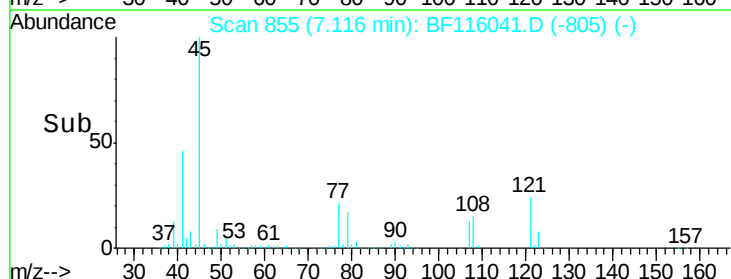
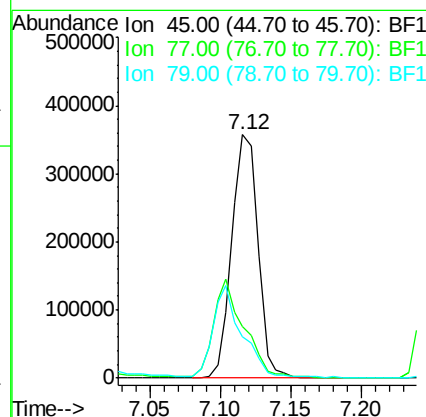
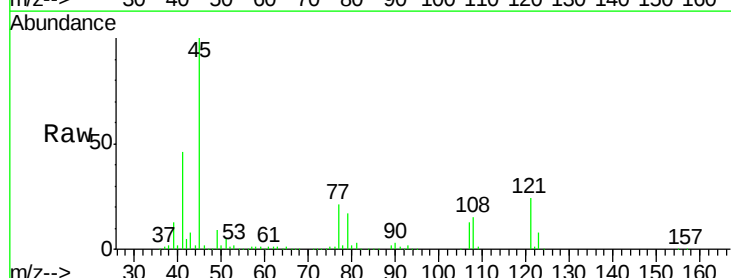
RT: 7.12 min Scan# 855

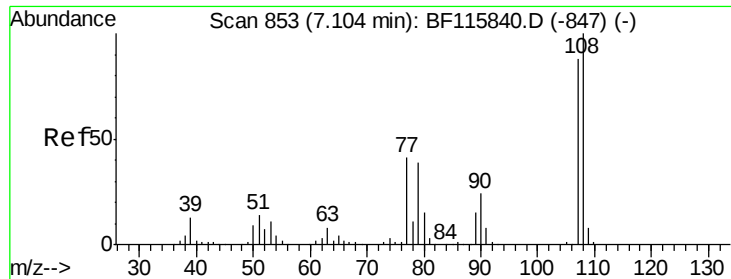
Delta R.T. -0.01 min

Lab File: BF116041.D

Acq: 7 Aug 2019 10:58

Tgt Ion:	45	Resp:	461644
Ion Ratio	Lower	Upper	
45	100		
77	21.3	0.0	40.0
79	17.1	0.0	35.9





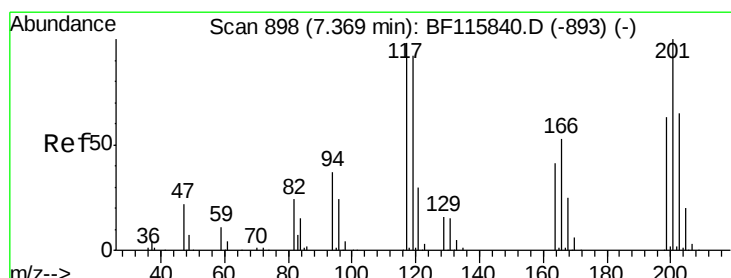
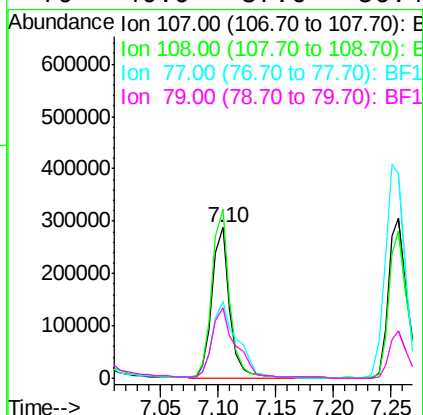
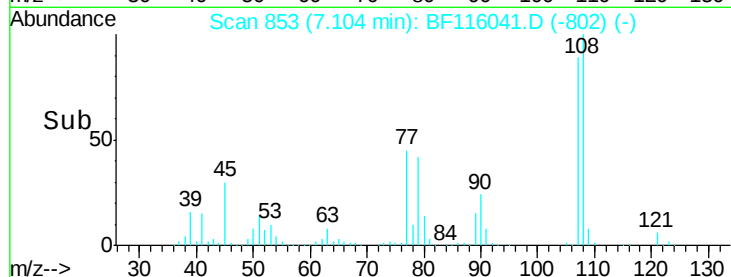
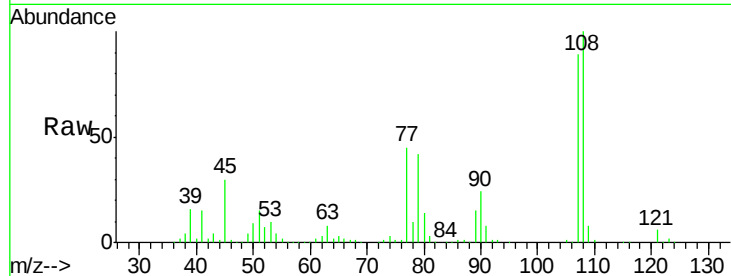
#17
2-Methylphenol
Concen: 39.408 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Instrument :
BNA_F
ClientSampleId :
PB122007BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	91.2	136.8	
77	50.5	40.3	60.5	
79	46.9	37.6	56.4	

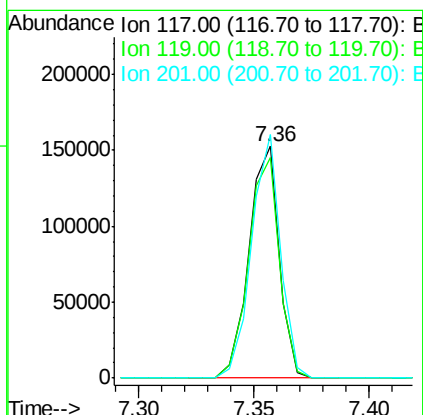
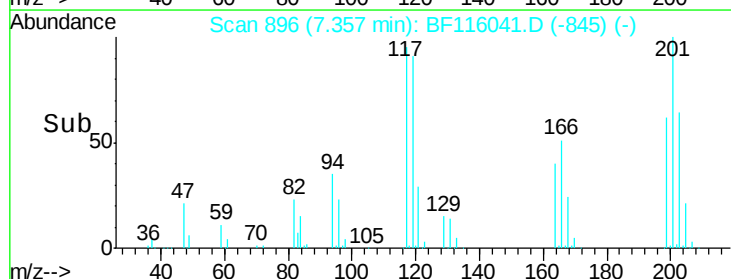
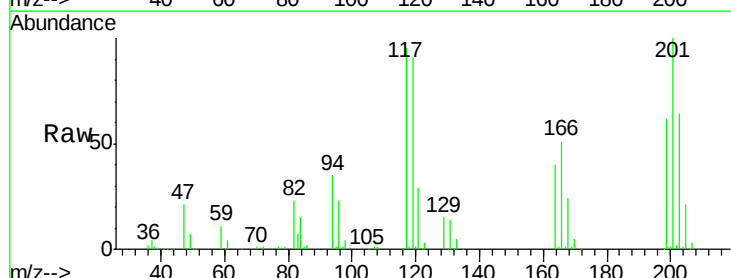
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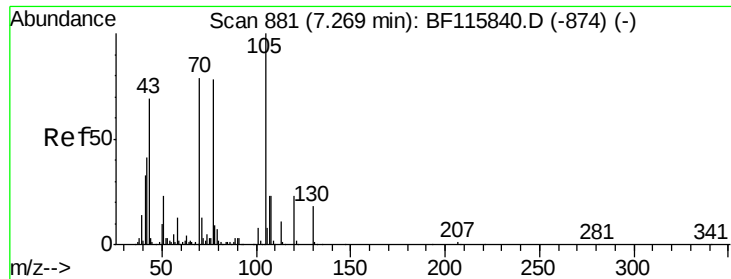
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#18
Hexachloroethane
Concen: 35.746 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	76.1	114.1	
201	105.0	77.0	115.4	





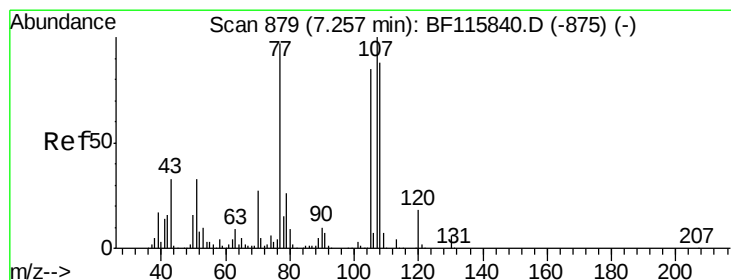
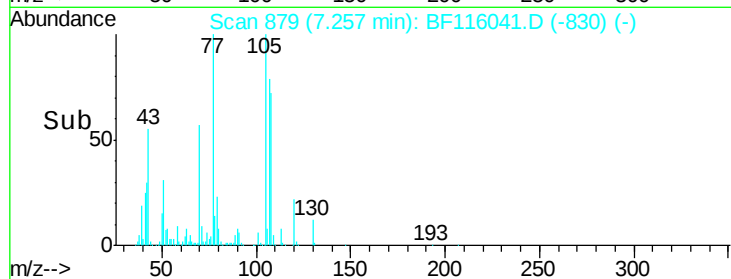
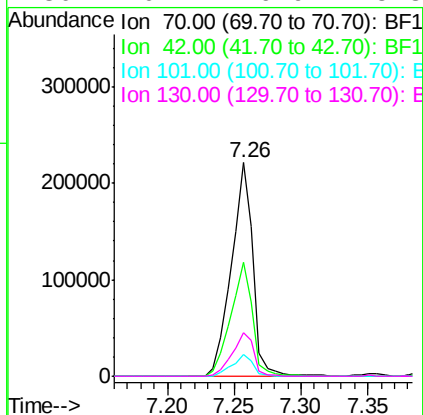
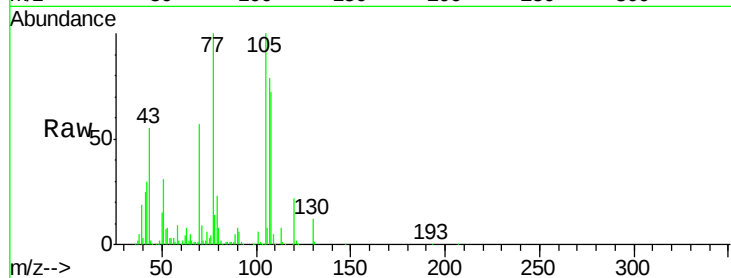
#19
n-Nitroso-di-n-propylamine
Concen: 38.546 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Instrument :
BNA_F
ClientSampleId :
PB122007BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.6	40.9	61.3
101	9.9	7.9	11.9
130	20.4	16.9	25.3

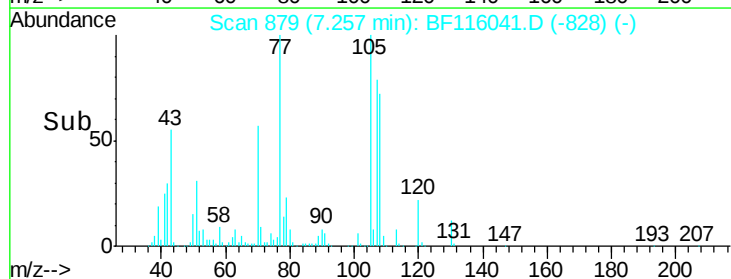
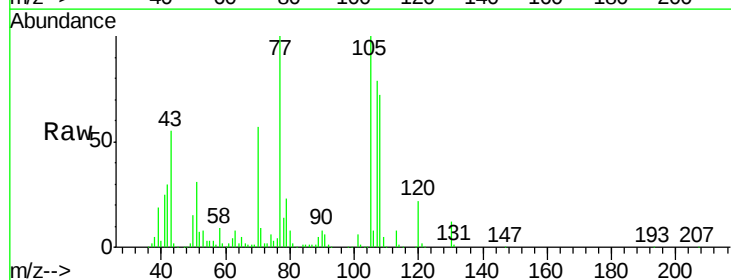
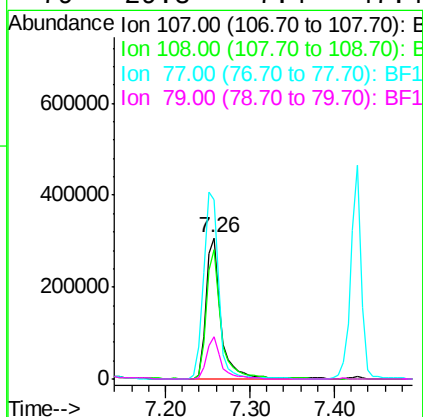
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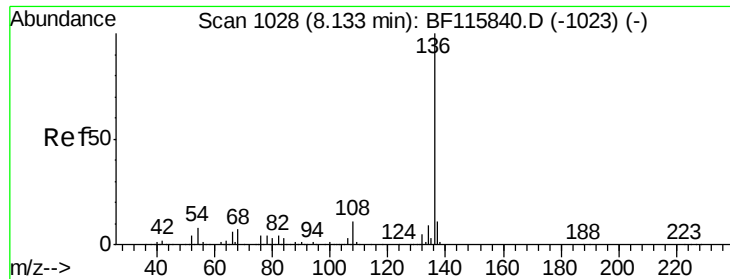
mohammad
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#20
3+4-Methylphenols
Concen: 40.562 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	67.6	107.6
77	127.4	104.4	144.4
79	29.8	7.4	47.4





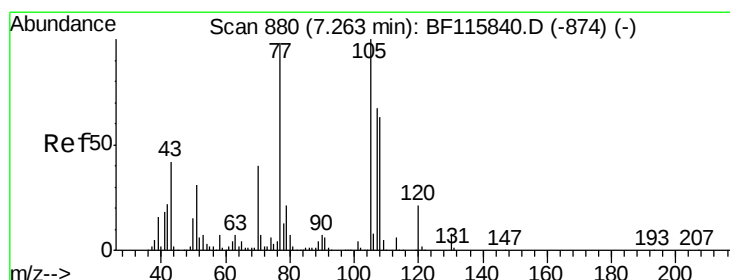
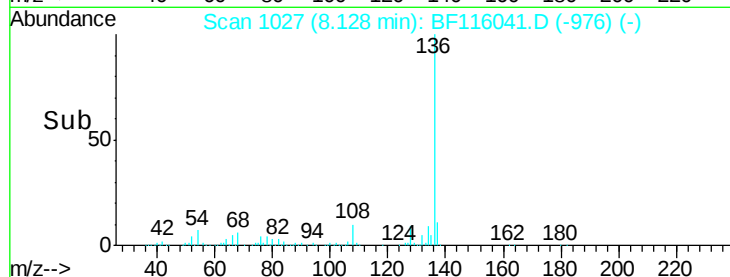
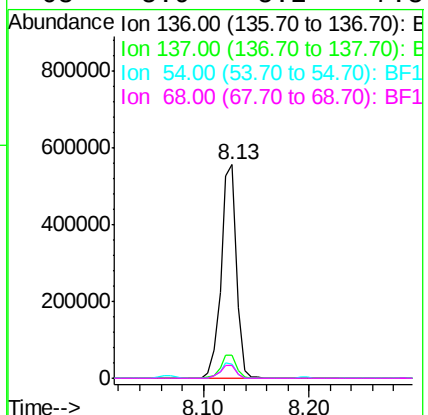
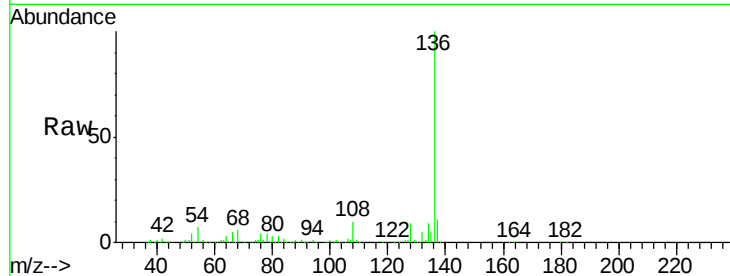
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Instrument :
BNA_F
ClientSampleId :
PB122007BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		569291		
137	10.9		9.0	13.4	
54	6.8		5.8	8.6	
68	5.9		5.2	7.8	

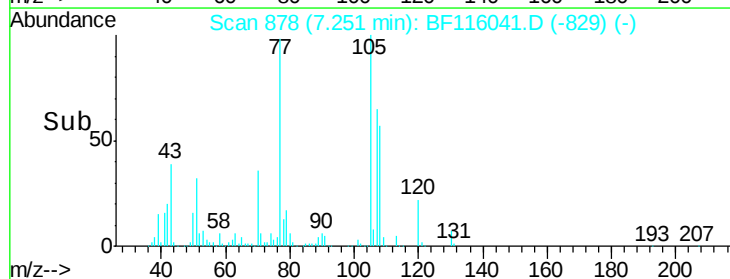
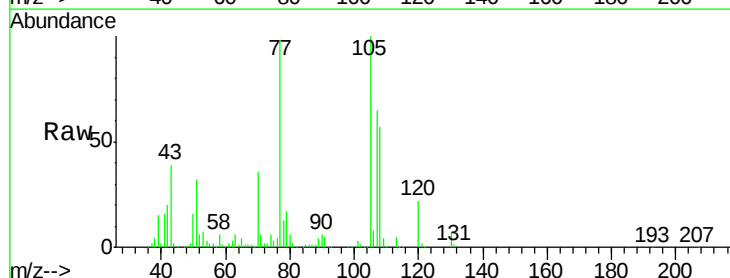
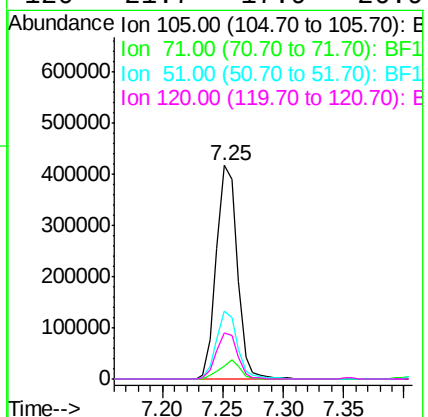
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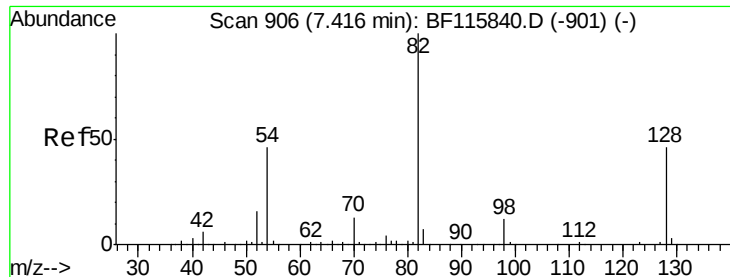
mohammad
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#22
Acetophenone
Concen: 39.922 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		498437		
71	6.1		5.9	8.9	
51	31.5		25.3	37.9	
120	21.7		17.9	26.9	





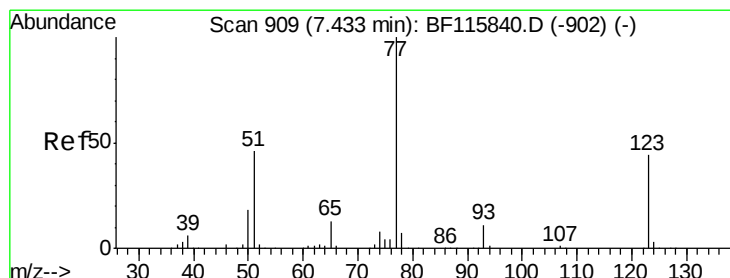
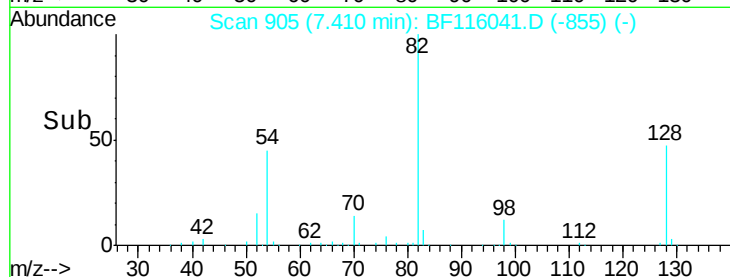
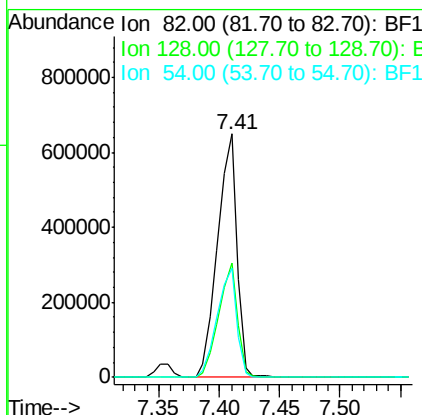
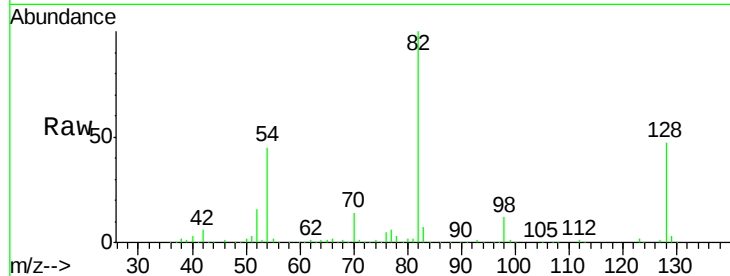
#23
 Nitrobenzene-d5
 Concen: 73.156 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122007BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.5	54.7
54	44.9	36.0	54.0

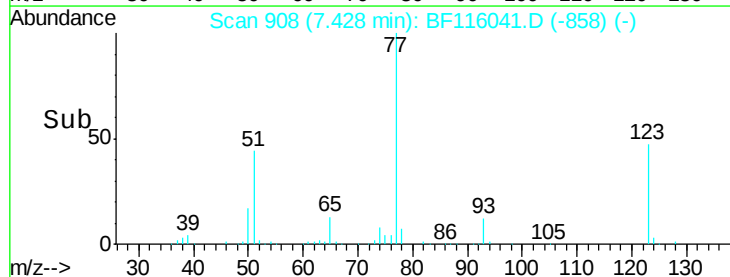
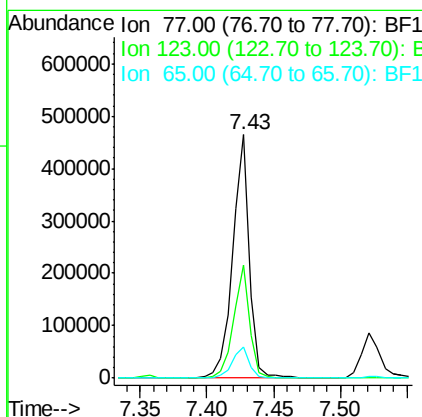
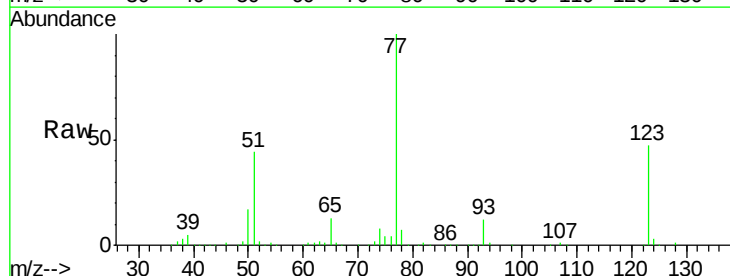
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#24
 Nitrobenzene
 Concen: 38.039 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	36.7	55.1
65	12.9	10.6	16.0





#25

Isophorone

Concen: 38.729 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF116041.D

Acq: 7 Aug 2019 10:58

Instrument :

BNA_F

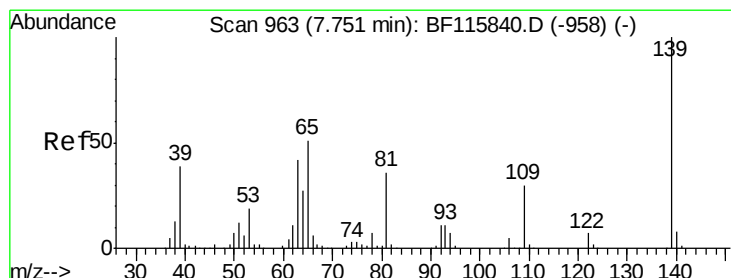
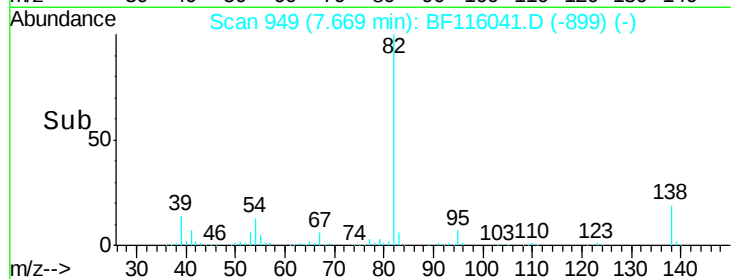
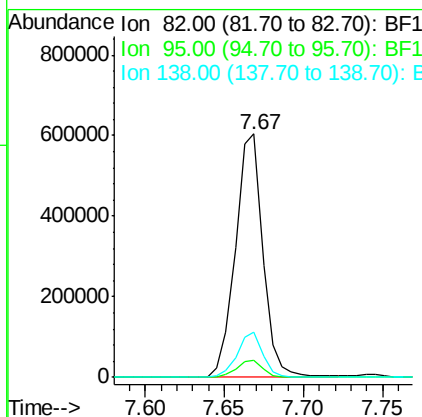
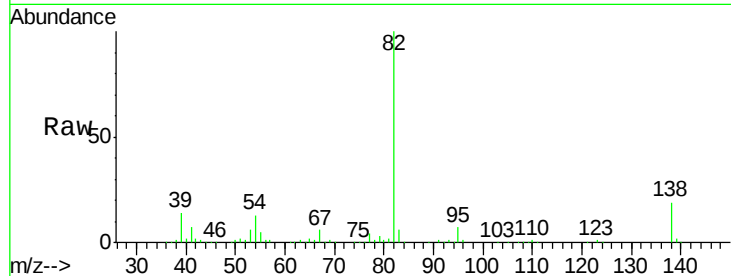
ClientSampleId :

PB122007BS

Tot Ion:	82	Resp:	730367
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.0
138	18.6	14.5	21.7

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#26

2-Nitrophenol

Concen: 39.812 ng

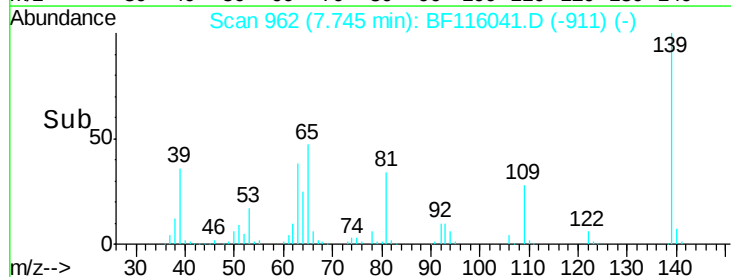
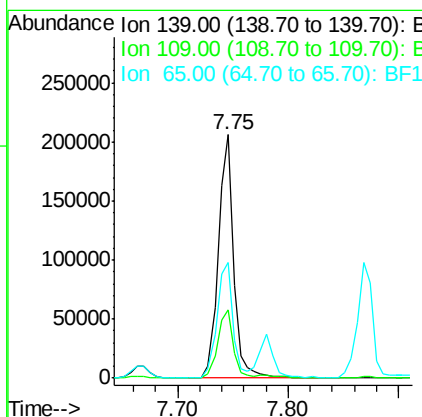
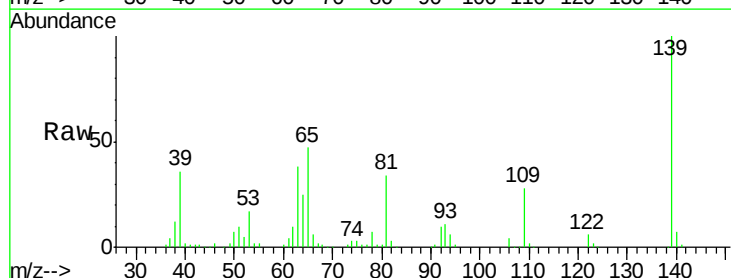
RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF116041.D

Acq: 7 Aug 2019 10:58

Tgt Ion:	139	Resp:	199849
Ion Ratio	Lower	Upper	
139	100		
109	27.8	23.4	35.2
65	47.5	41.1	61.7





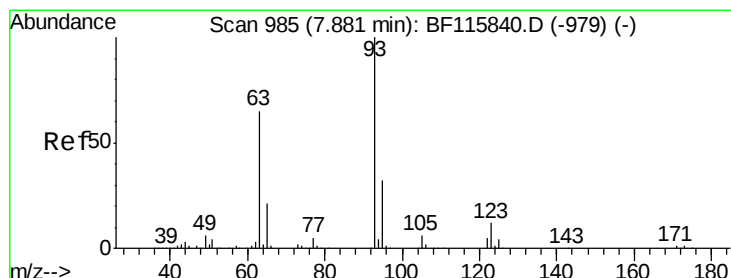
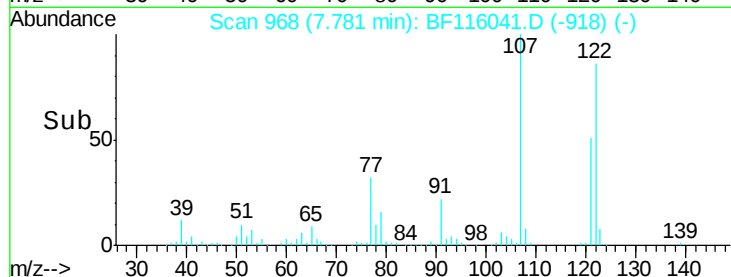
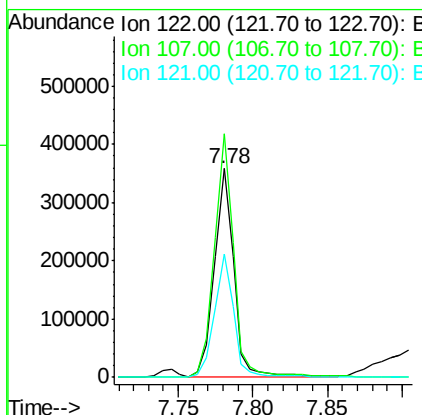
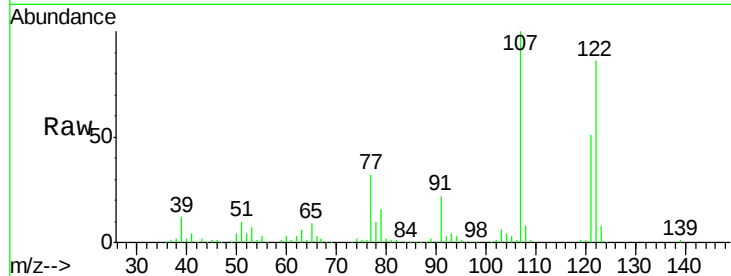
#27
2,4-Dimethylphenol
Concen: 43.368 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Instrument :
BNA_F
ClientSampleId :
PB122007BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	327528		
107	116.6	93.0	139.6	
121	59.2	47.6	71.4	

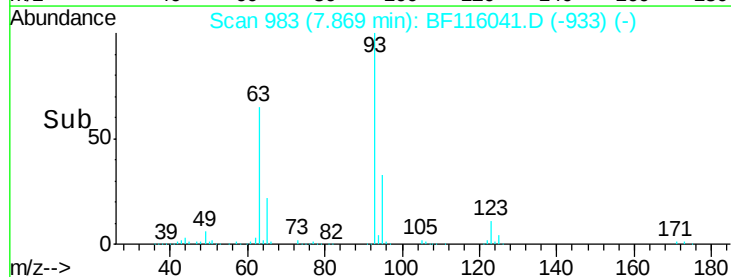
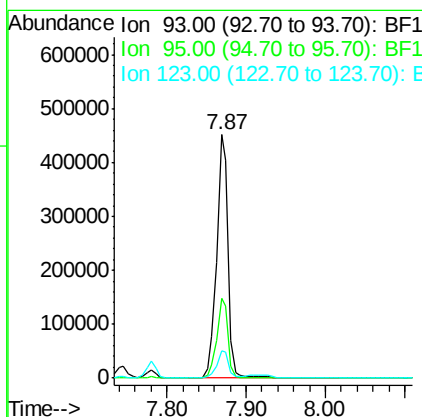
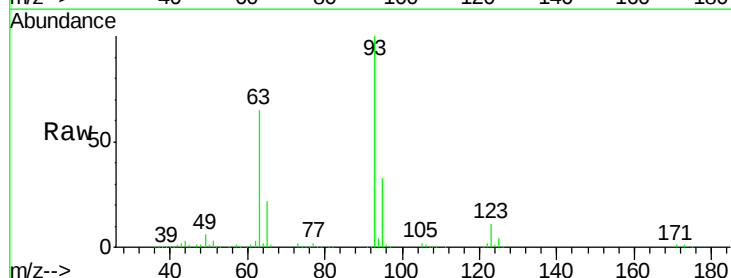
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#28
bis(2-Chloroethoxy)methane
Concen: 38.524 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	450303		
95	32.7	26.2	39.4	
123	11.2	9.2	13.8	





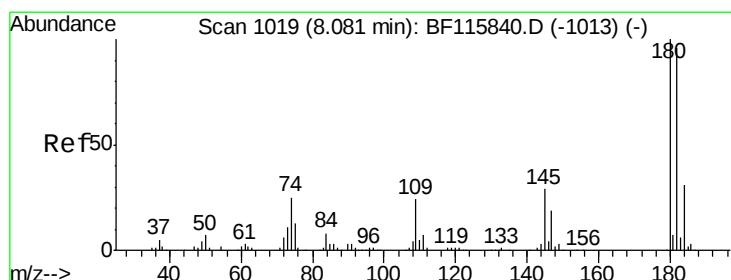
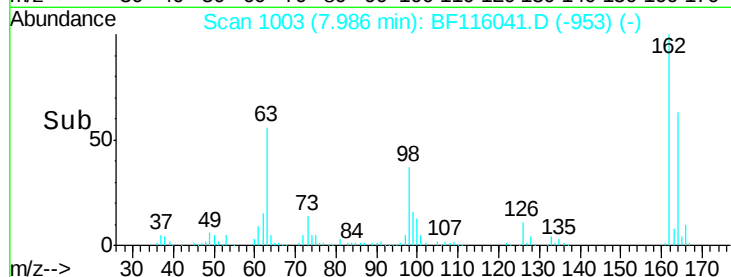
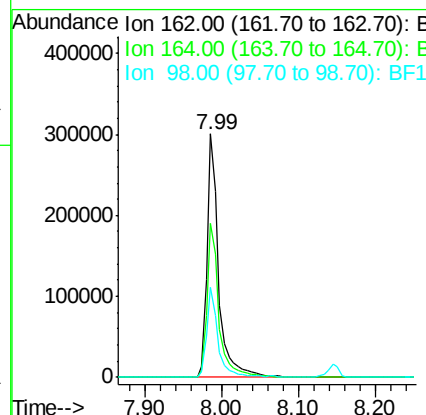
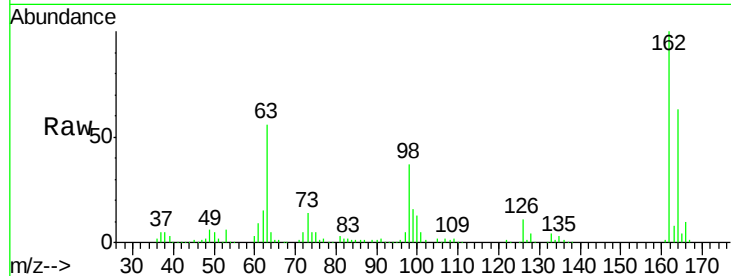
#29
 2,4-Dichlorophenol
 Concen: 39.858 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122007BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	317831		
164	63.2	45.1	85.1	
98	36.9	15.8	55.8	

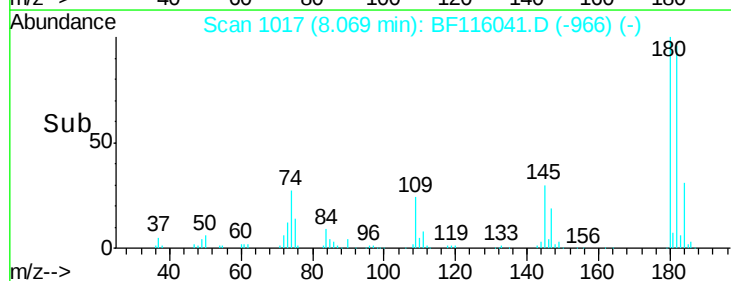
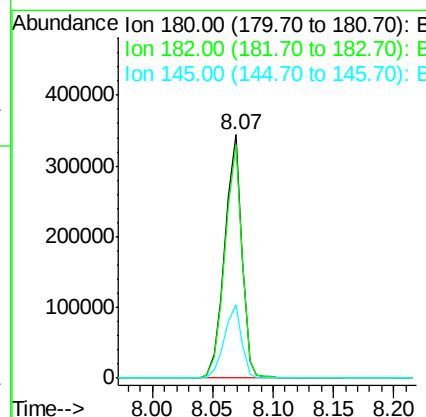
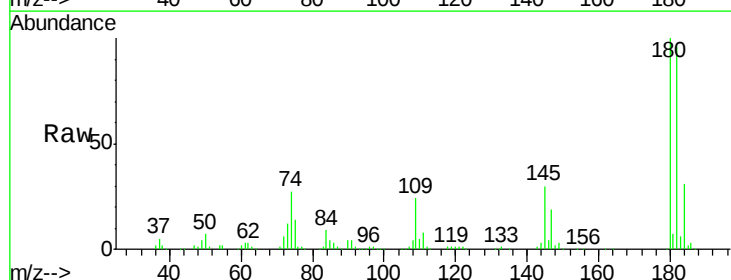
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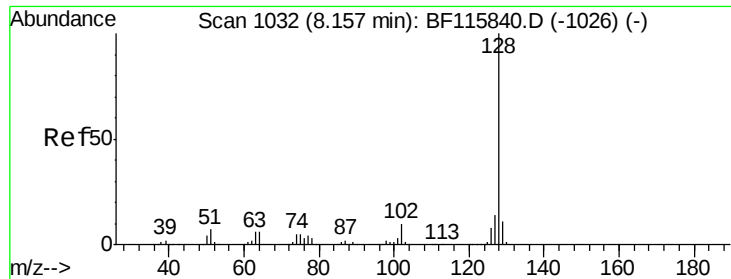
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.892 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	335336		
182	96.1	75.7	113.5	
145	30.1	24.3	36.5	





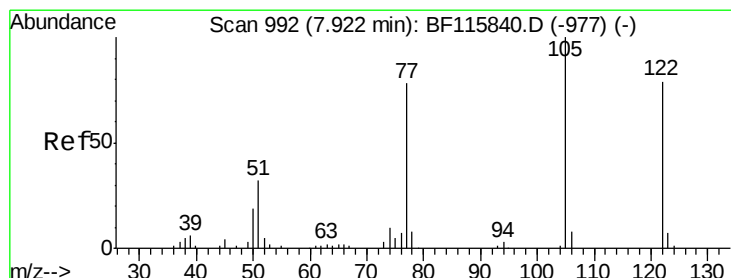
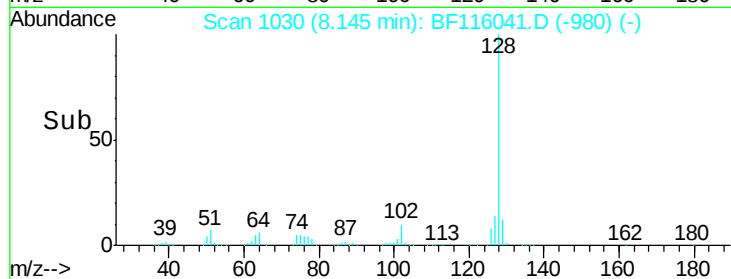
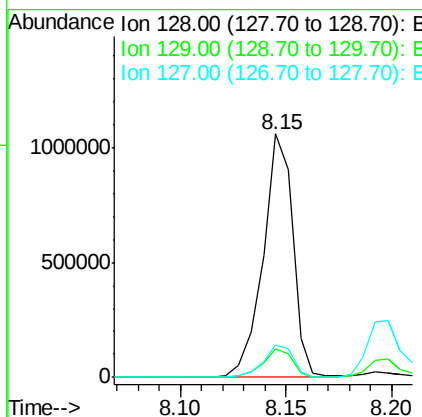
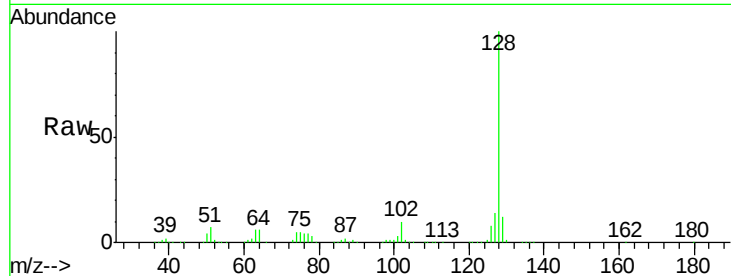
#31
Naphthalene
Concen: 38.875 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Instrument :
BNA_F
ClientSampleId :
PB122007BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	13.6	11.4	17.0

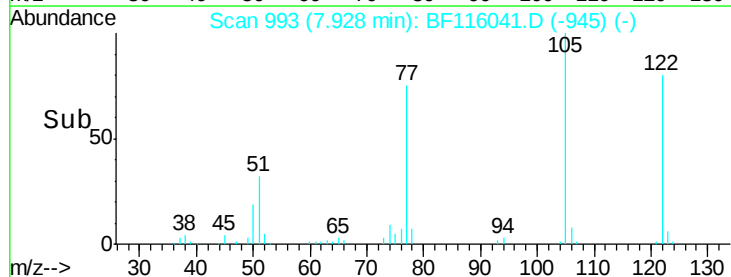
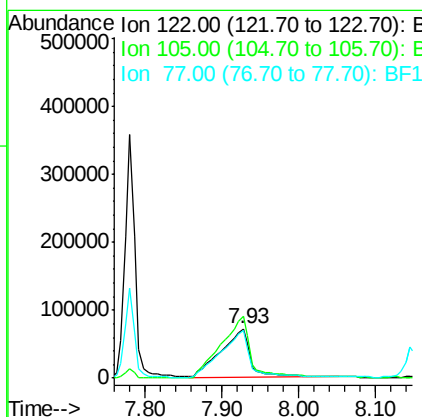
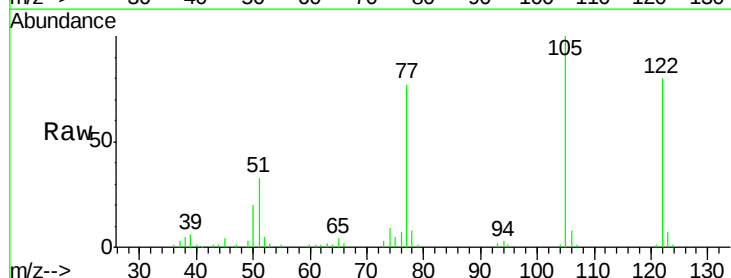
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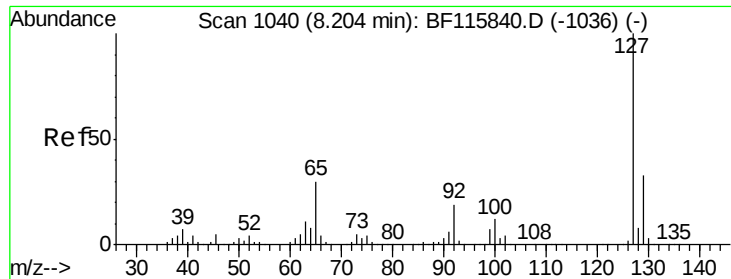
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#32
Benzoic acid
Concen: 36.244 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.4	106.1	146.1
77	96.0	76.7	116.7





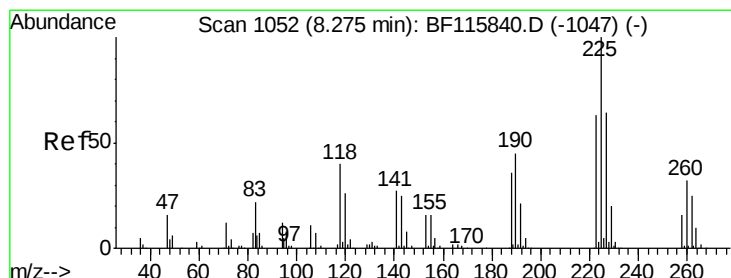
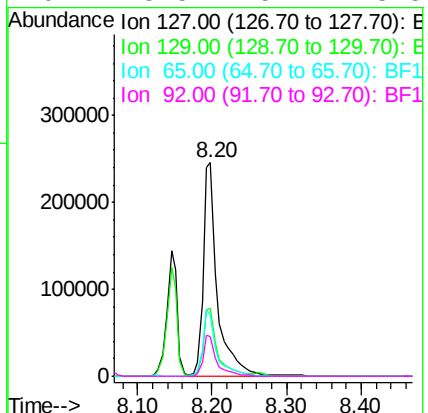
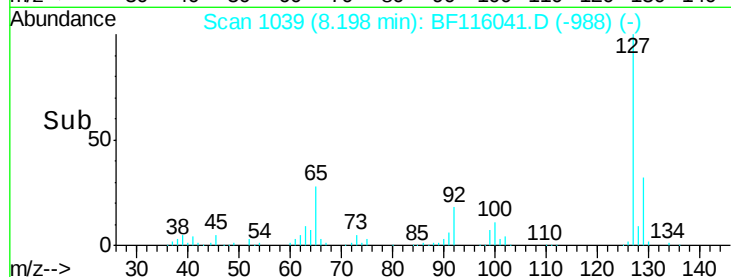
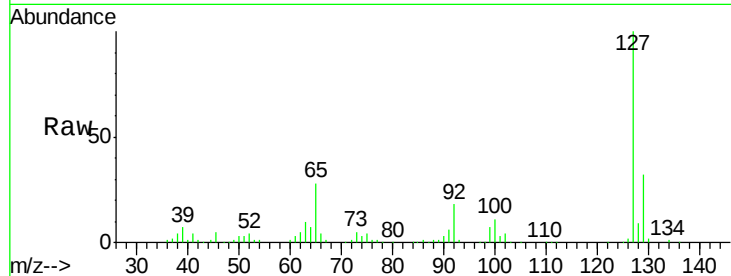
#33
4-Chloroaniline
Concen: 27.609 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Instrument :
BNA_F
ClientSampleId :
PB122007BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	26.1	39.1	
65	28.5	24.9	37.3	
92	18.5	15.7	23.5	

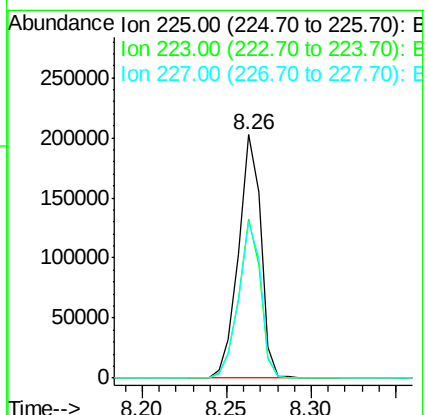
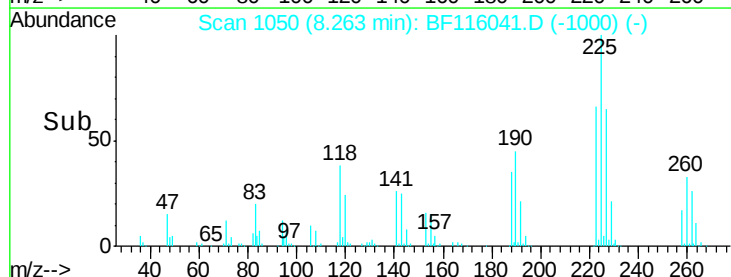
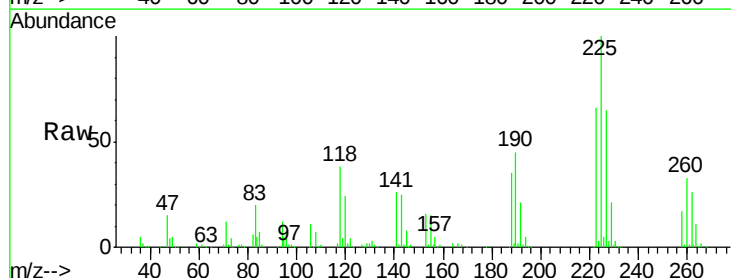
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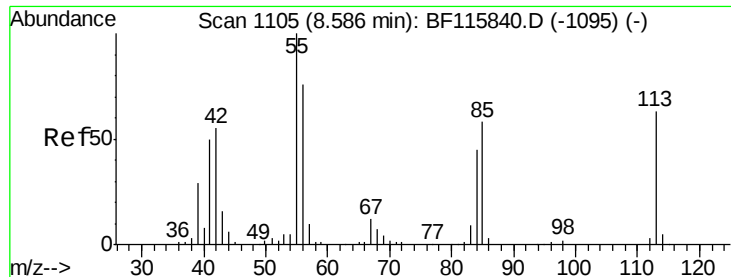
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#34
Hexachlorobutadiene
Concen: 35.654 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.6	50.0	75.0	
227	64.6	51.0	76.4	





#35

Caprolactam

Concen: 38.693 ng/mL

RT: 8.57 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF116041.D

Acq: 7 Aug 2019 10:58

Instrument :

BNA_F

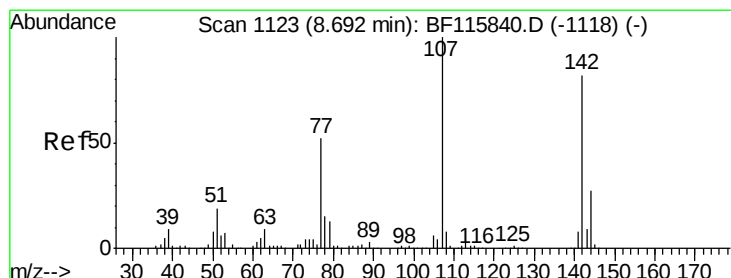
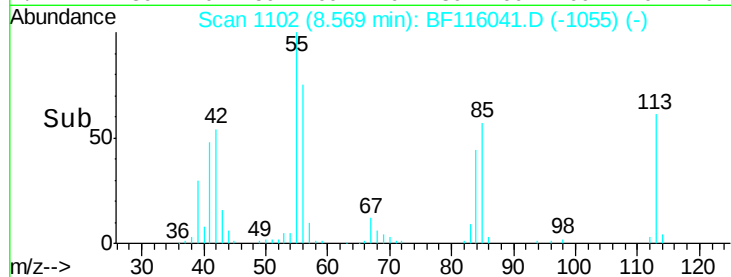
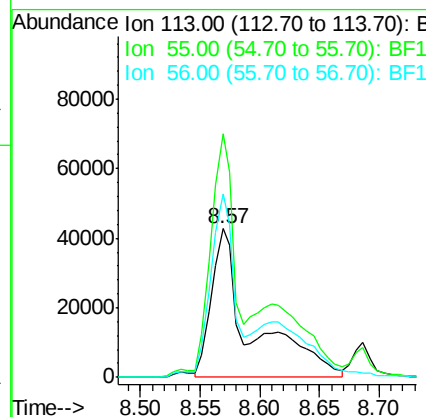
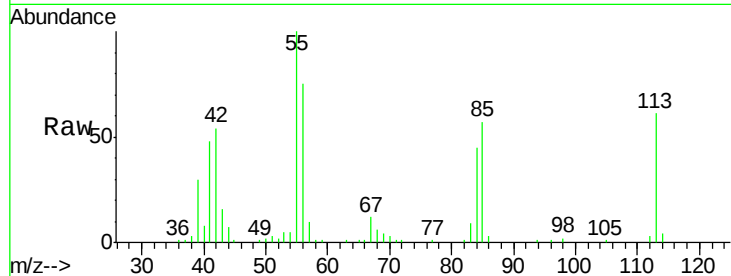
ClientSampleId :

PB122007BS

Tot Ion:	113	Resp:	99791
Ion	Ratio	Lower	Upper
113	100		
55	164.1	144.3	184.3
56	123.6	97.1	137.1

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#36

4-Chloro-3-methylphenol

Concen: 40.357 ng/mL

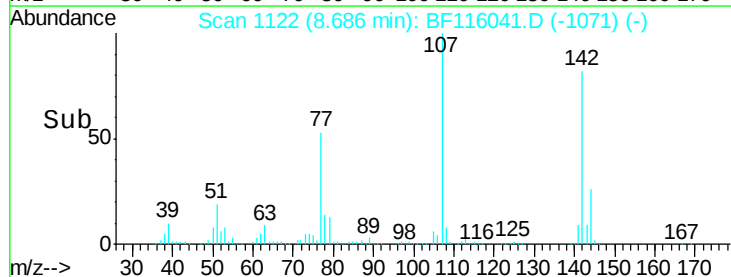
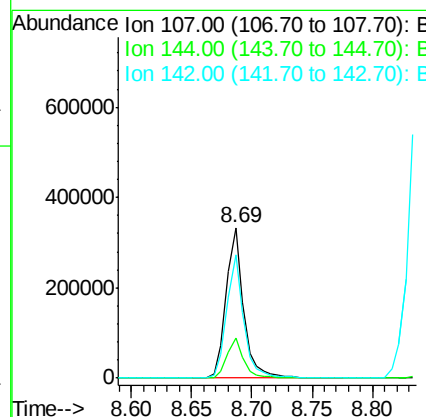
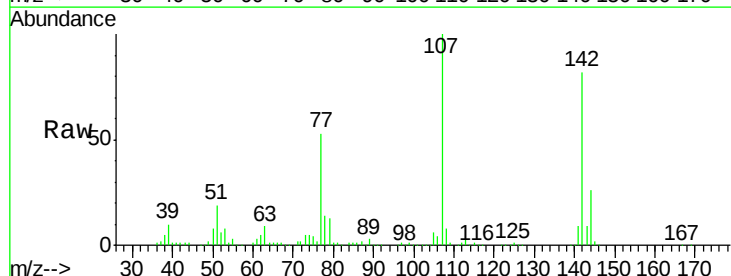
RT: 8.69 min Scan# 1122

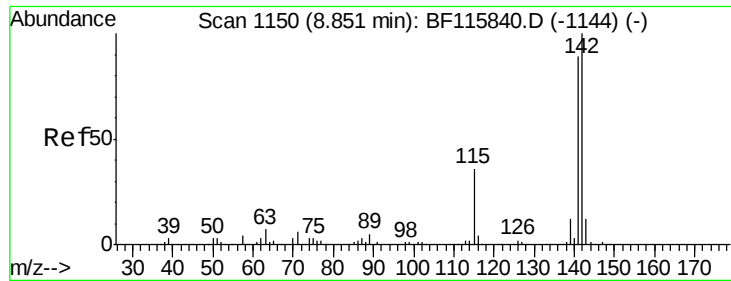
Delta R.T. -0.00 min

Lab File: BF116041.D

Acq: 7 Aug 2019 10:58

Tgt Ion:	107	Resp:	334787
Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.2	30.2
142	82.2	61.7	92.5





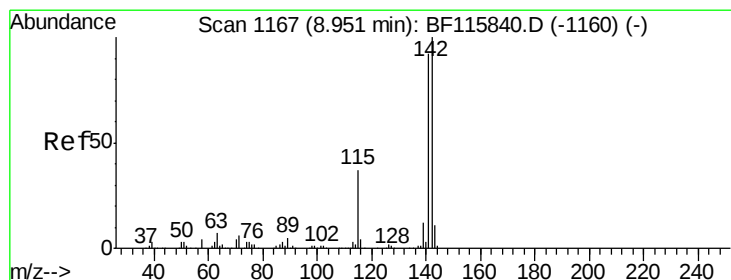
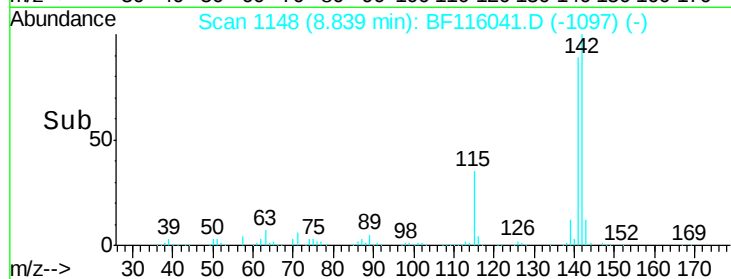
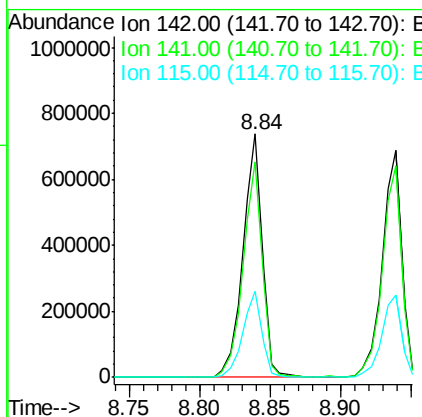
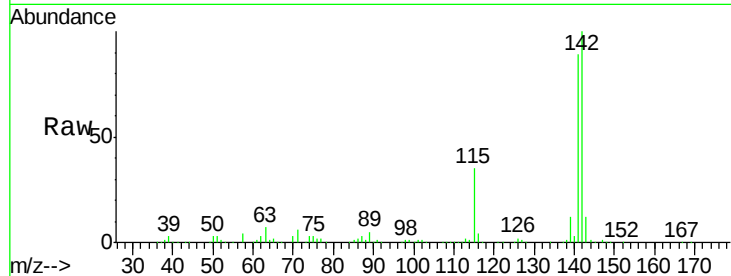
#37
 2-Methylnaphthalene
 Concen: 39.620 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122007BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.9	106.3
115	35.4	29.0	43.6

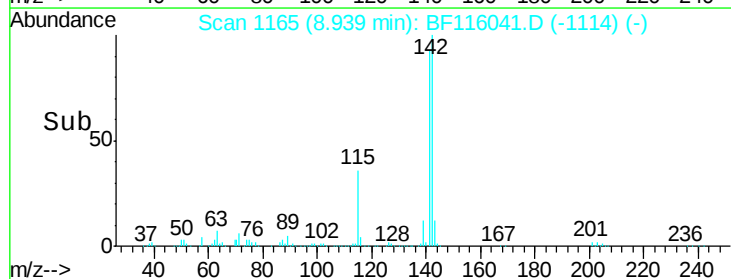
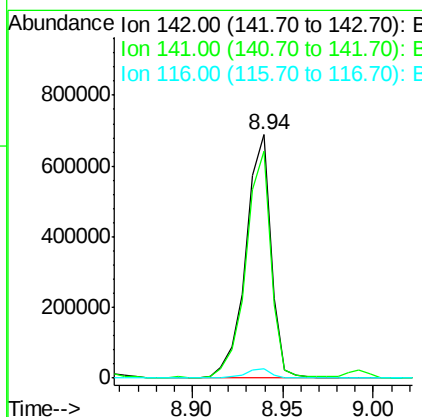
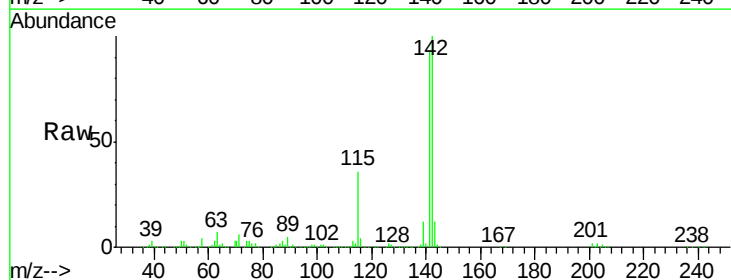
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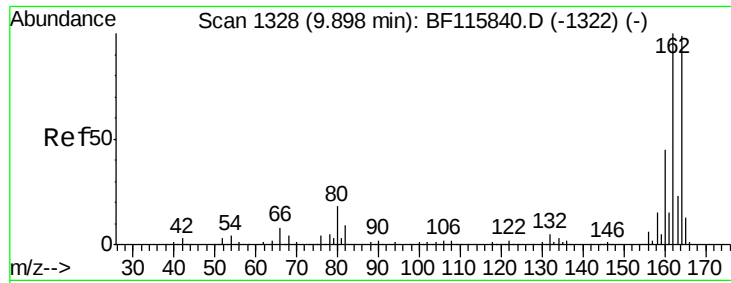
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#38
 1-Methylnaphthalene
 Concen: 39.575 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.4	111.6
116	3.7	3.1	4.7





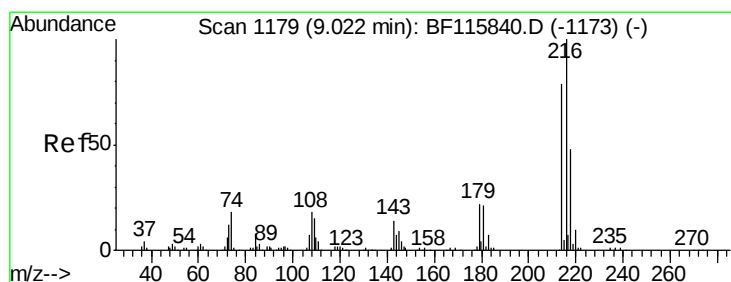
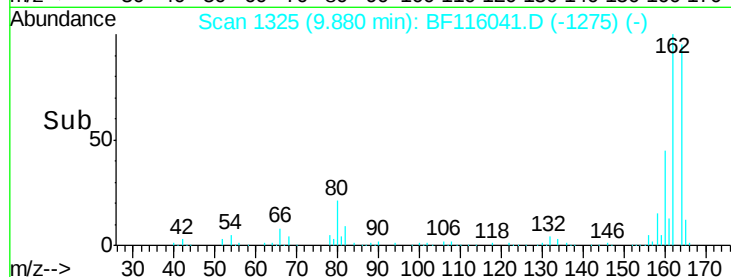
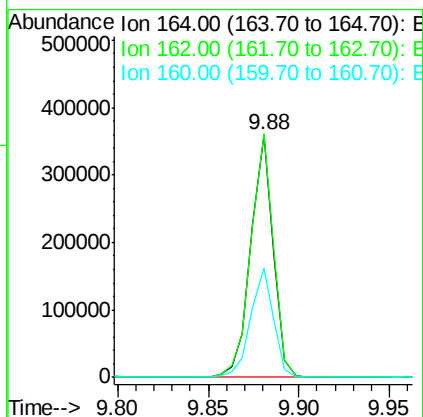
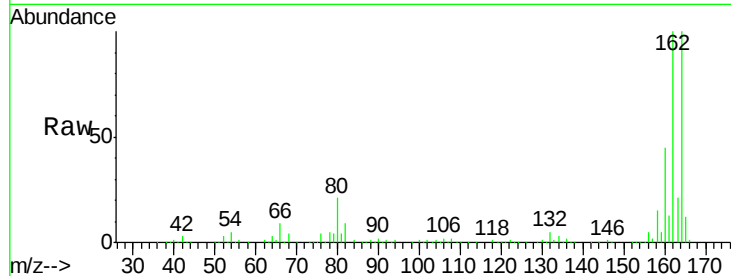
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Instrument :
BNA_F
ClientSampleId :
PB122007BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.6	124.0
160	45.1	37.6	56.4

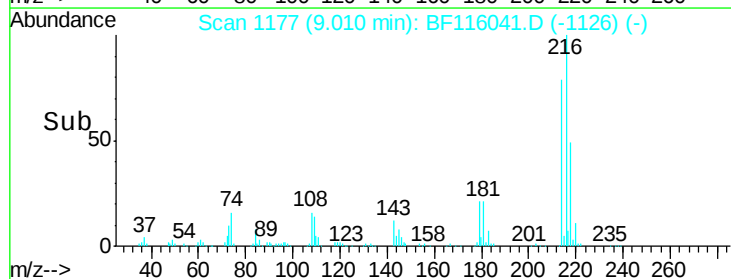
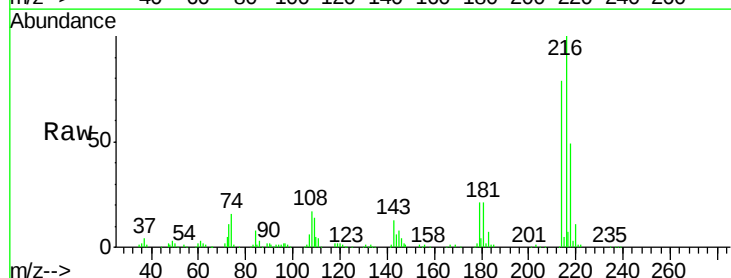
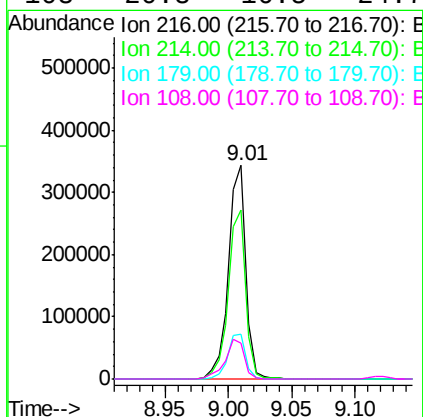
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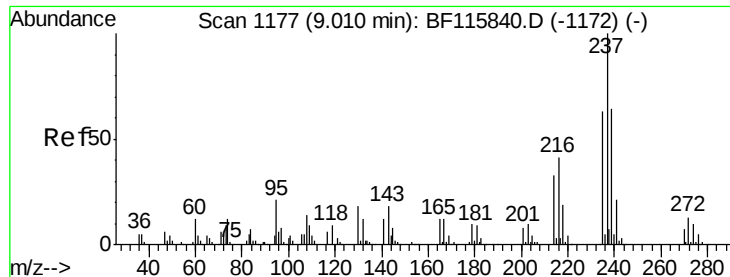
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.069 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.6	95.4
179	22.0	17.8	26.8
108	20.8	16.5	24.7





#41

Hexachlorocyclopentadiene

Concen: 43.081 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF116041.D

Acq: 7 Aug 2019 10:58

Instrument :

BNA_F

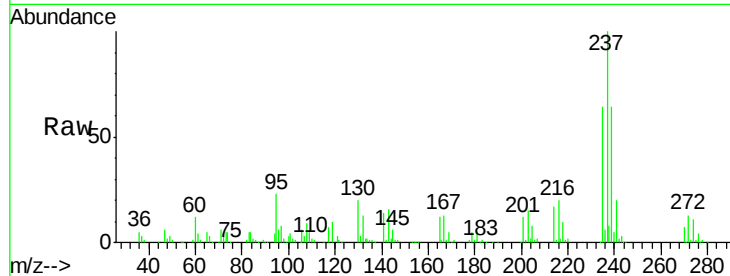
ClientSampleId :

PB122007BS

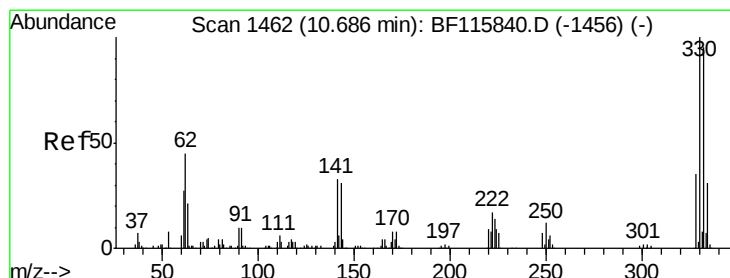
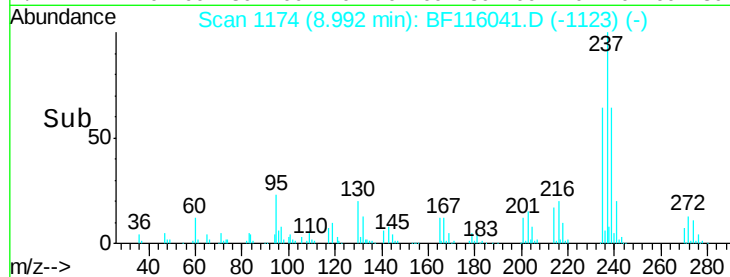
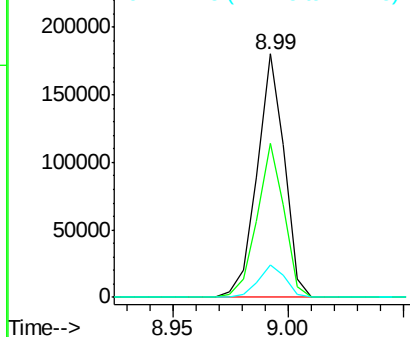
Tot Ion:	237	Resp:	148949
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.4	83.4
272	13.5	0.0	33.2

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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: 106.960 ng

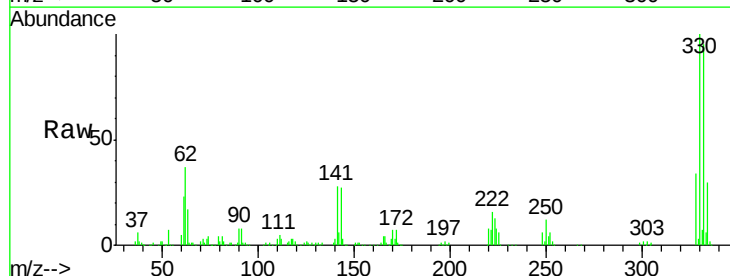
RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

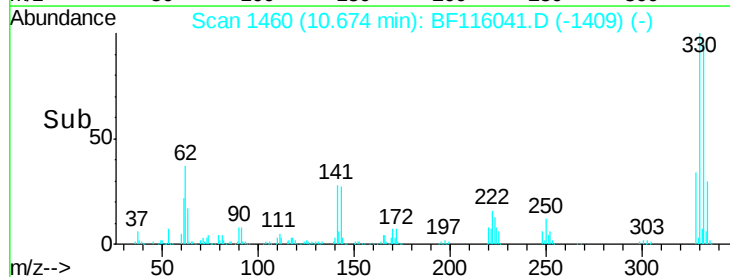
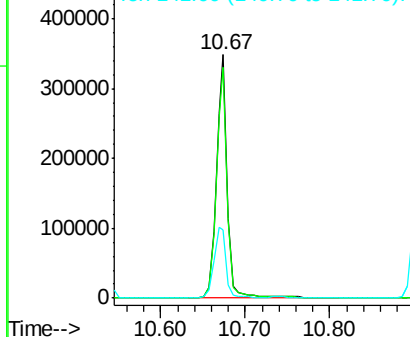
Lab File: BF116041.D

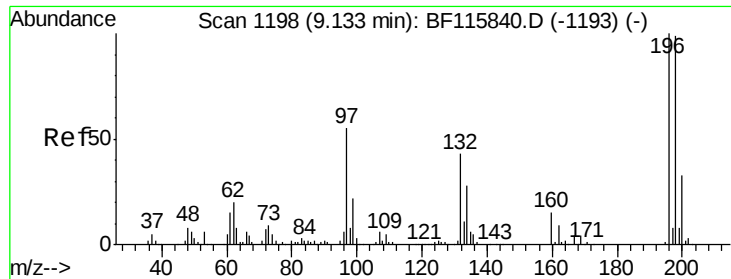
Acq: 7 Aug 2019 10:58

Tgt Ion:	330	Resp:	320712
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.8	115.2
141	33.0	26.3	39.5



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





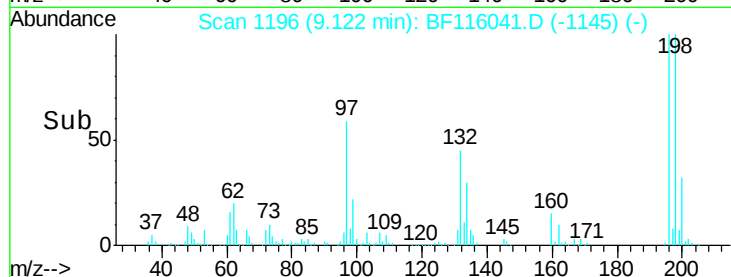
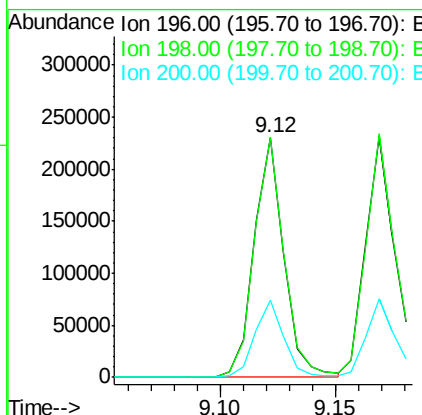
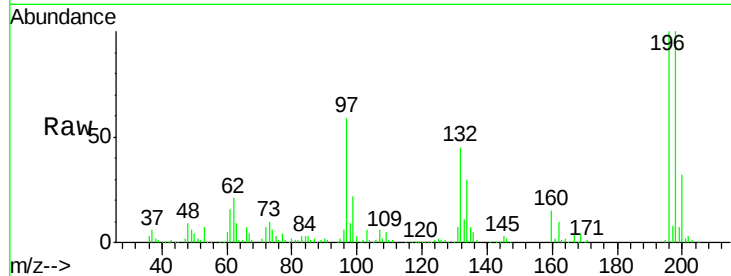
#43
 2,4,6-Trichlorophenol
 Concen: 36.617 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122007BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	208386		
198	99.9	79.2	118.8	
200	32.1	25.2	37.8	

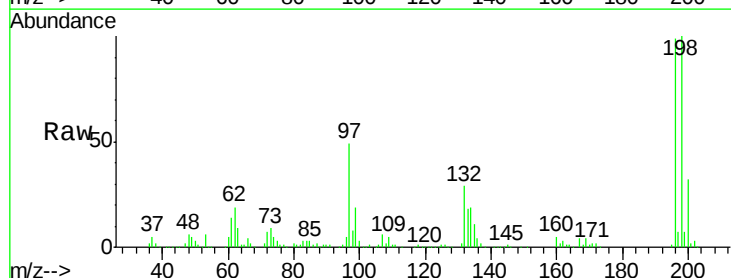
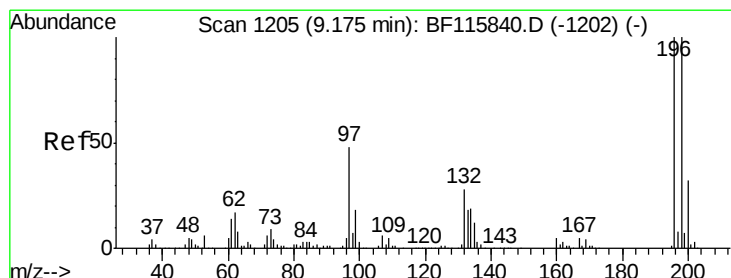
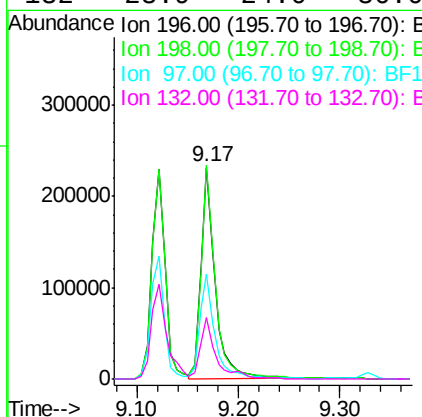
Manual Integrations
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#44
 2,4,5-Trichlorophenol
 Concen: 38.841 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	228493		
198	101.1	78.8	118.2	
97	49.8	42.2	63.4	
132	28.9	24.0	36.0	





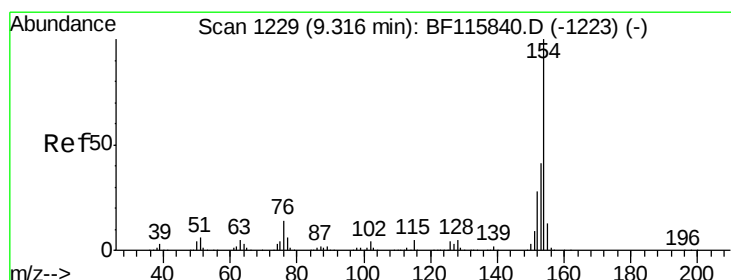
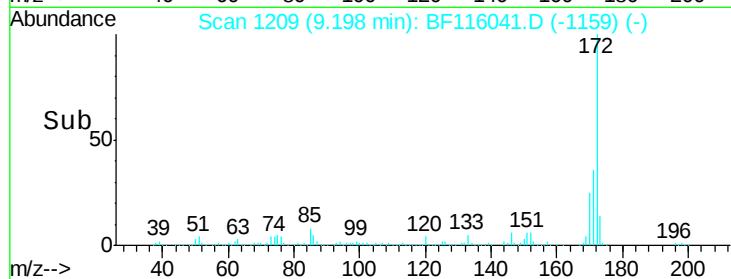
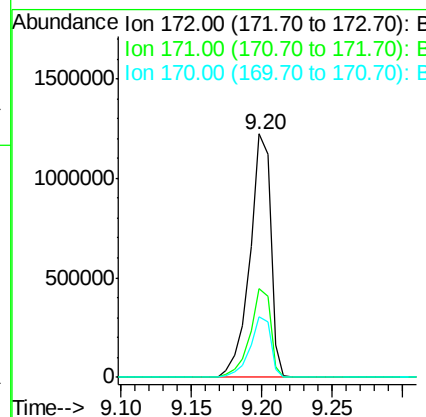
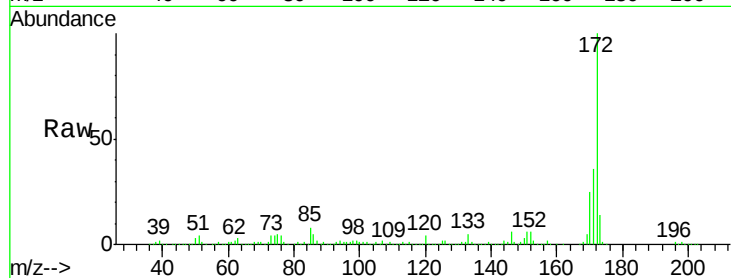
#45
 2-Fluorobiphenyl
 Concen: 76.961 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122007BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.8	20.1	30.1

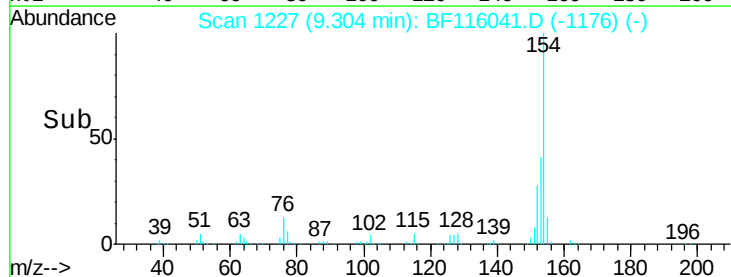
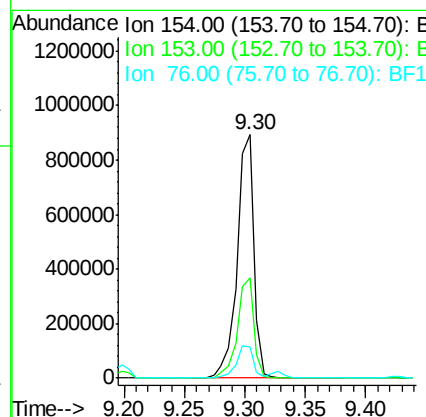
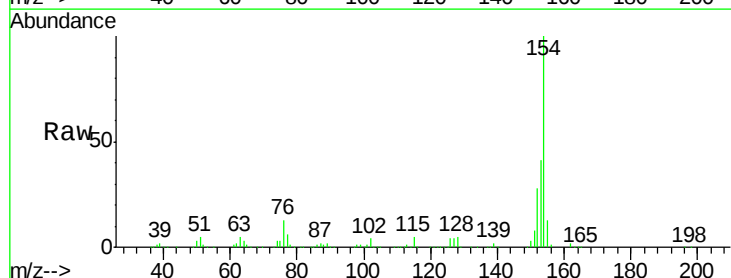
Manual Integrations
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#46
 1,1'-Biphenyl
 Concen: 39.582 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.4	61.4
76	13.0	0.0	35.2





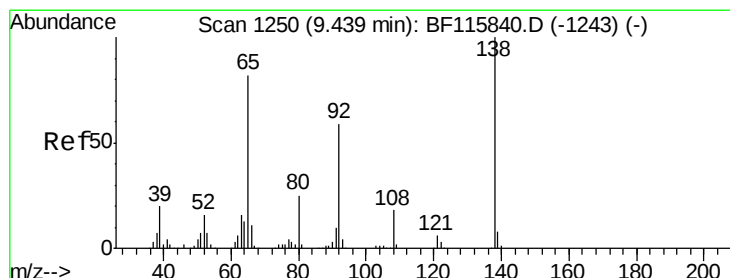
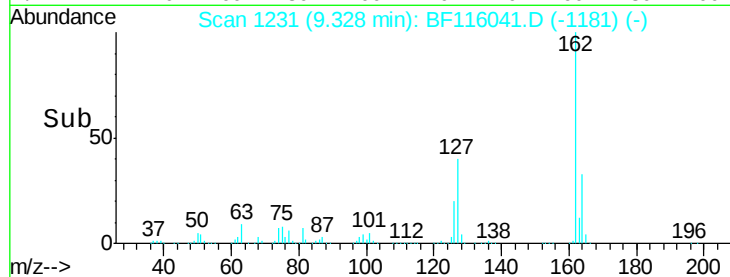
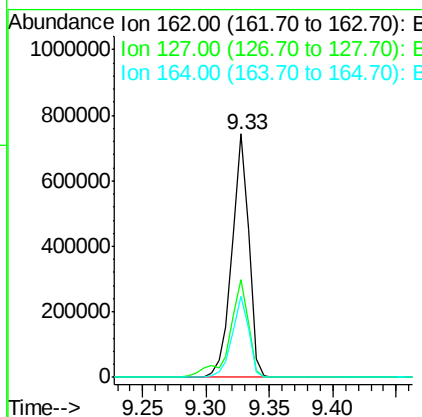
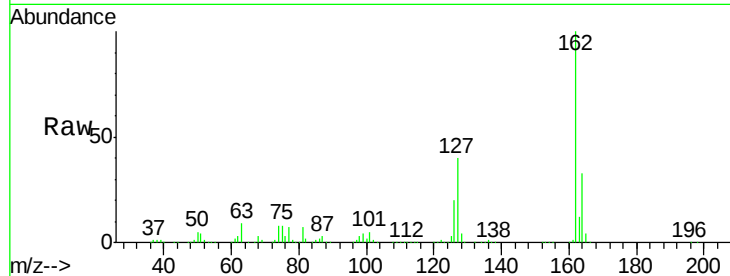
#47
 2-Chloronaphthalene
 Concen: 37.328 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122007BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	678336		
127	40.4	32.8	49.2	
164	33.1	26.6	39.8	

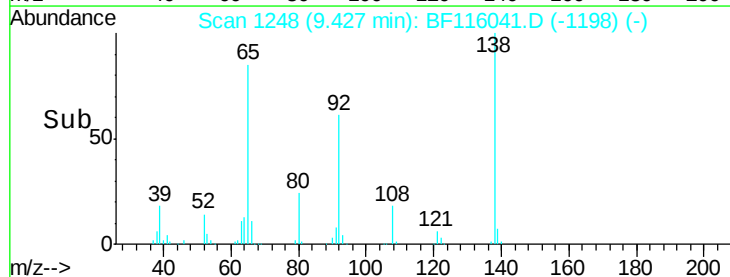
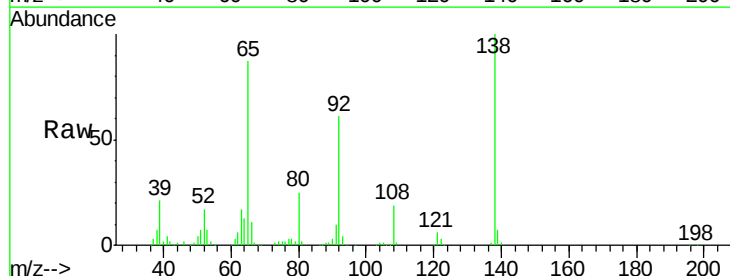
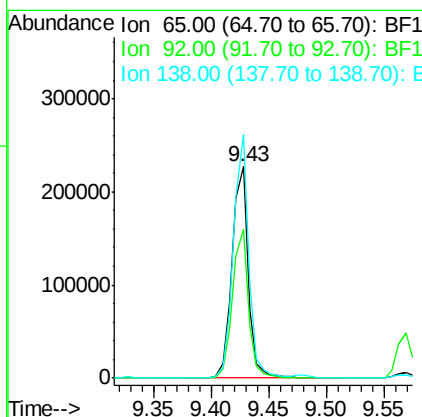
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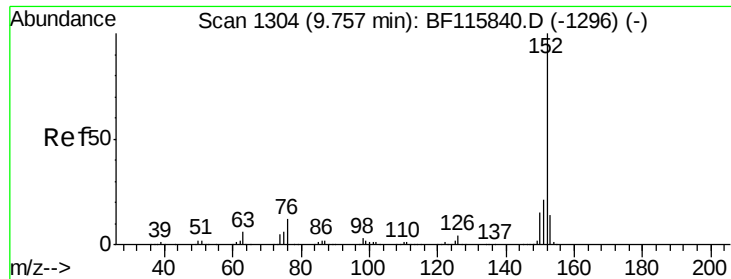
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#48
 2-Nitroaniline
 Concen: 36.786 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	220960		
92	70.4	57.8	86.8	
138	115.4	94.0	141.0	





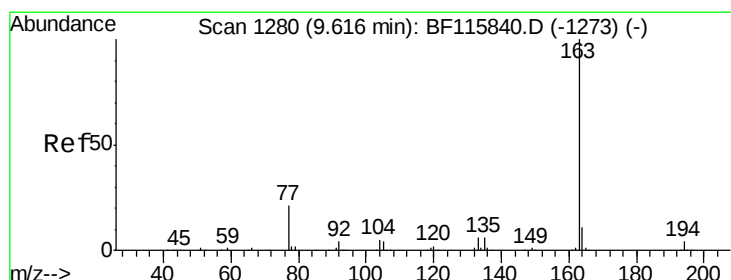
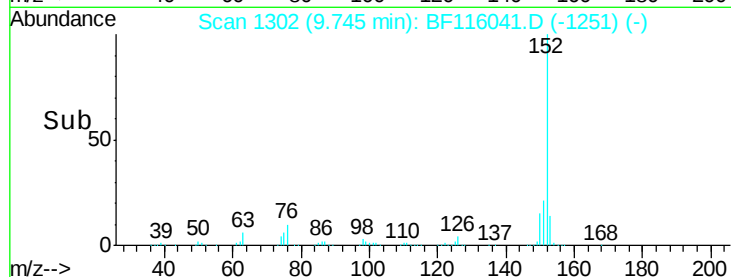
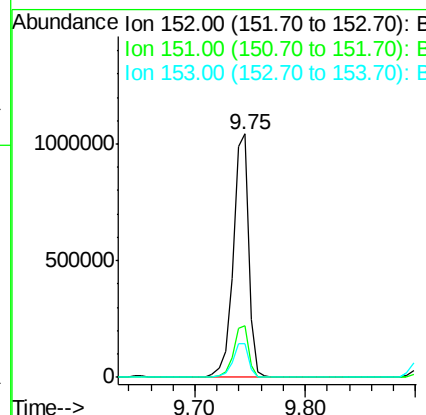
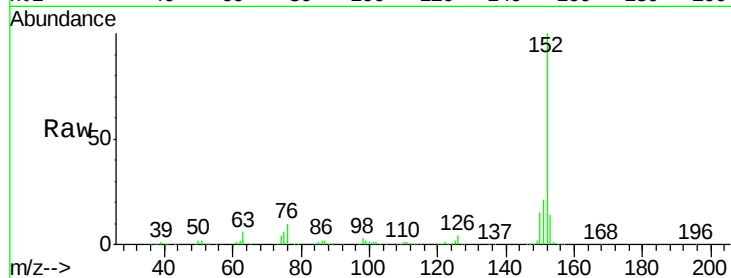
#49
Acenaphthylene
Concen: 38.667 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Instrument :
BNA_F
ClientSampleId :
PB122007BS

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	20.9	17.2	25.8	
153	14.0	11.8	17.8	

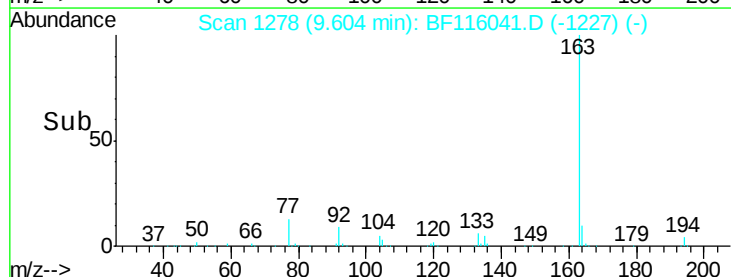
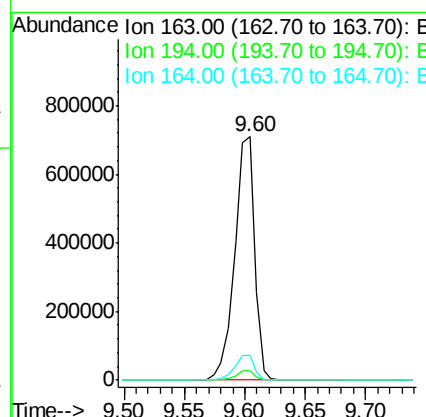
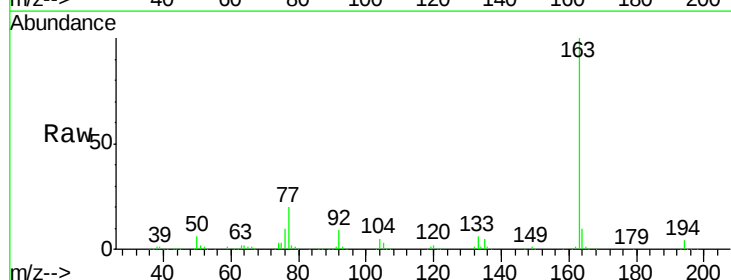
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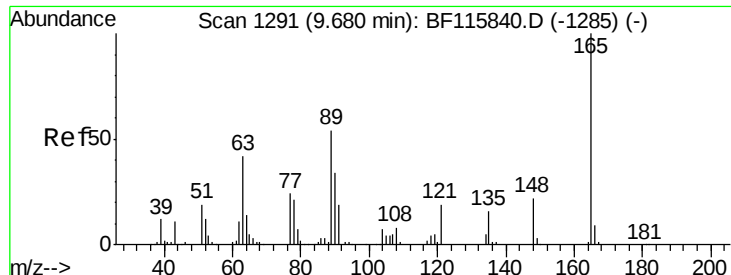
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#50
Dimethylphthalate
Concen: 38.992 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.9	3.0	4.6	
164	10.1	8.4	12.6	





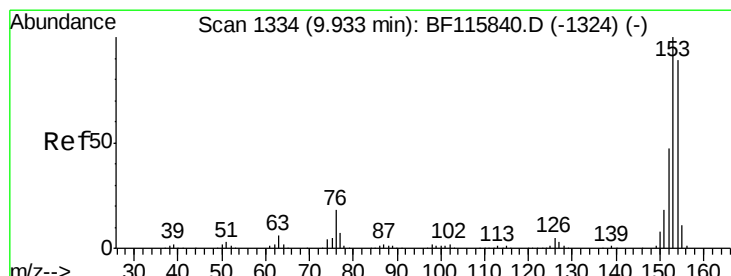
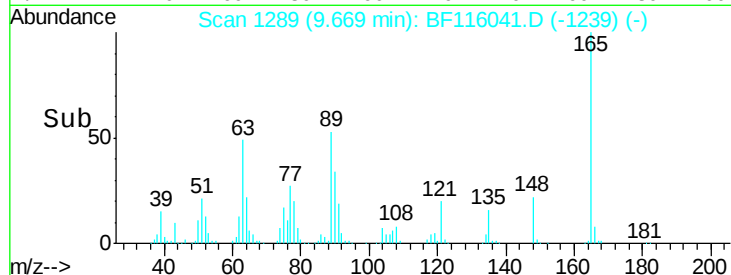
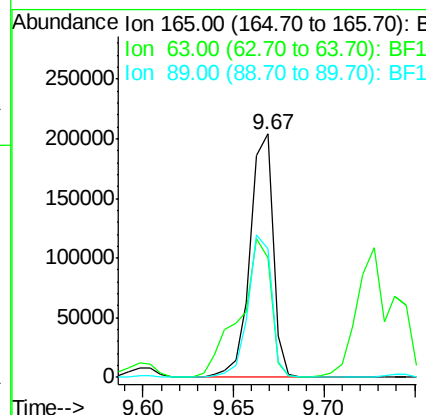
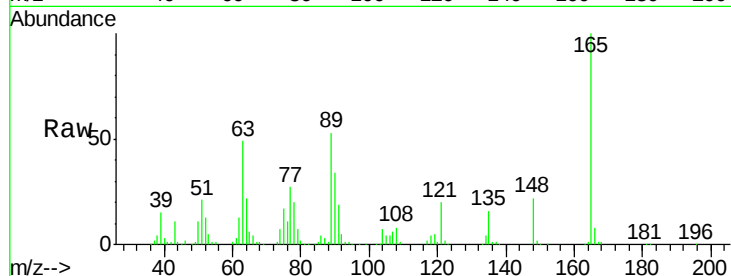
#51
 2,6-Dinitrotoluene
 Concen: 39.697 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122007BS

Tot Ion:	165	Resp:	181660
Ion Ratio	Lower	Upper	
165	100		
63	48.9	38.2	57.2
89	53.0	42.9	64.3

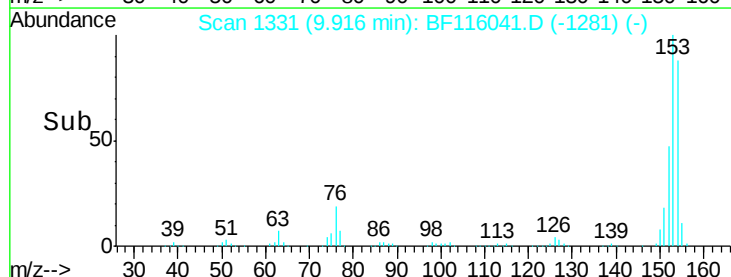
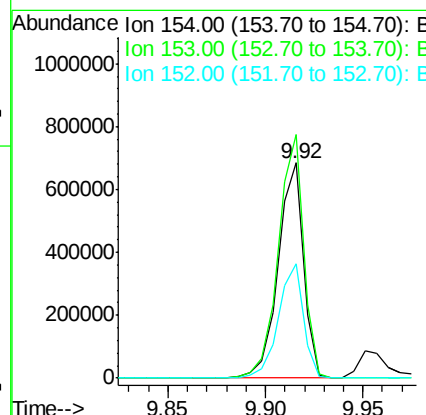
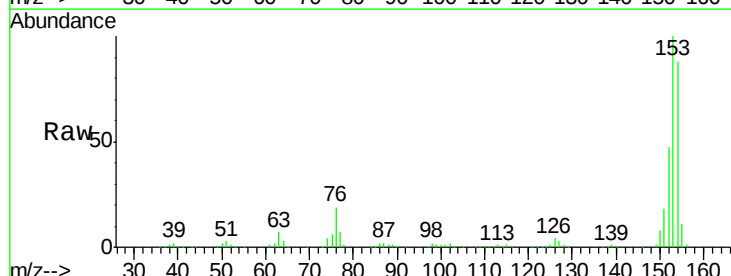
Manual Integrations
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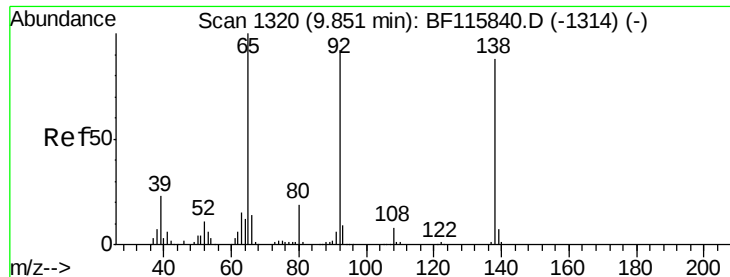
mohammad
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#52
 Acenaphthene
 Concen: 37.972 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Tgt Ion:	154	Resp:	617597
Ion Ratio	Lower	Upper	
154	100		
153	113.2	89.4	134.0
152	53.3	42.3	63.5





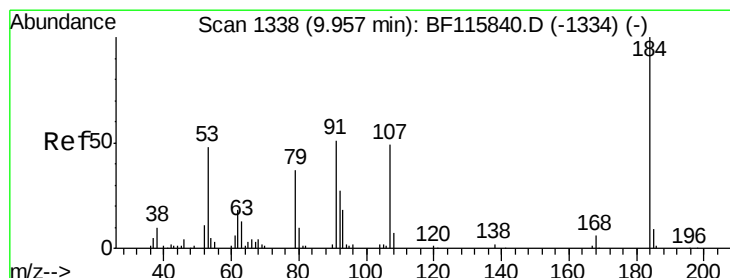
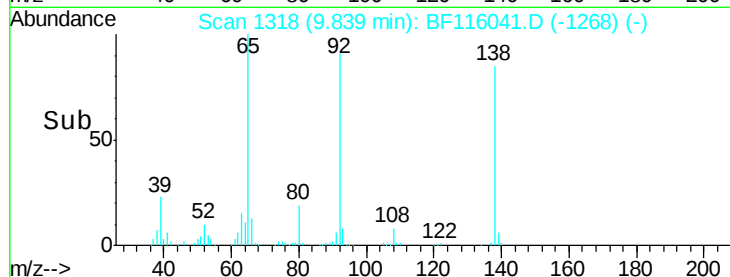
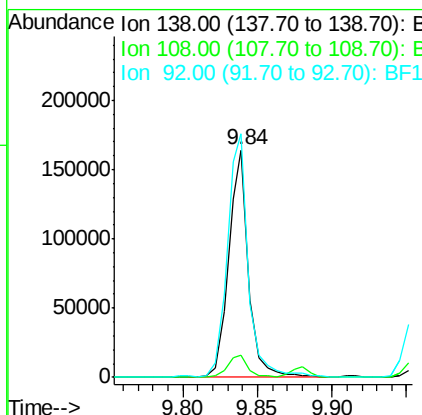
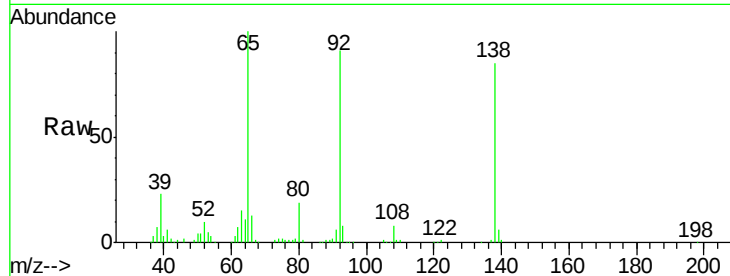
#53
3-Nitroaniline
Concen: 27.409 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Instrument :
BNA_F
ClientSampleId :
PB122007BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	154981		
108	9.5	8.0	12.0	
92	107.1	91.0	136.6	

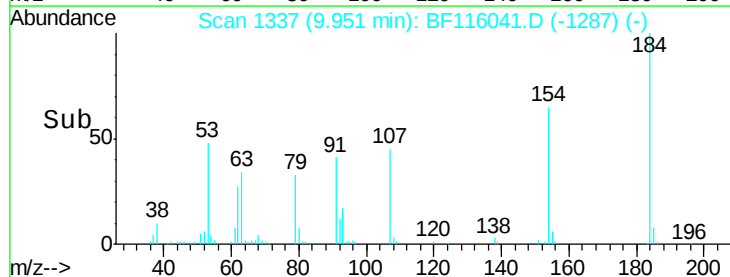
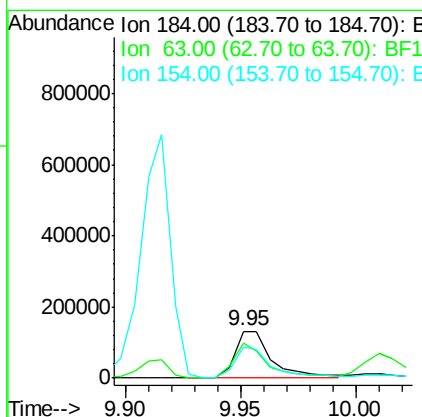
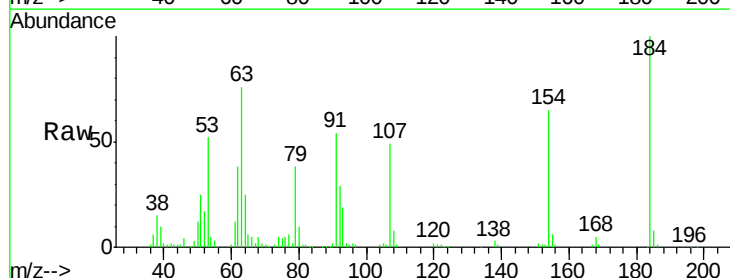
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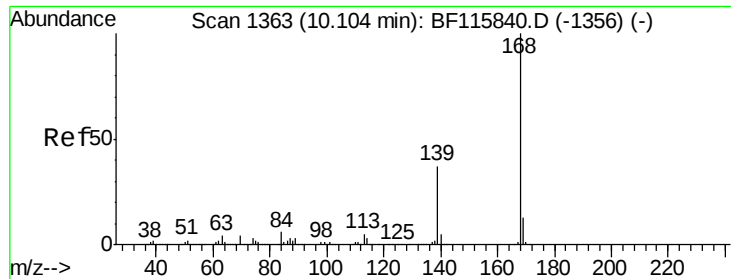
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#54
2,4-Dinitrophenol
Concen: 65.615 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	149097		
63	75.7	53.0	79.4	
154	65.3	50.1	75.1	





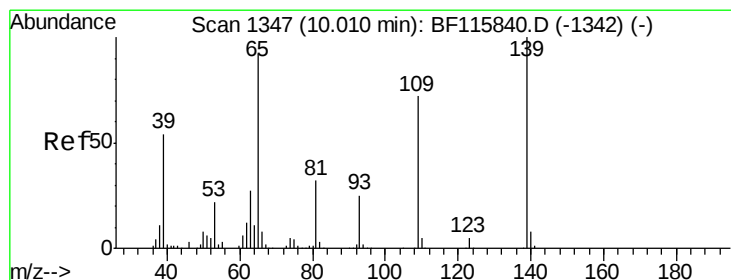
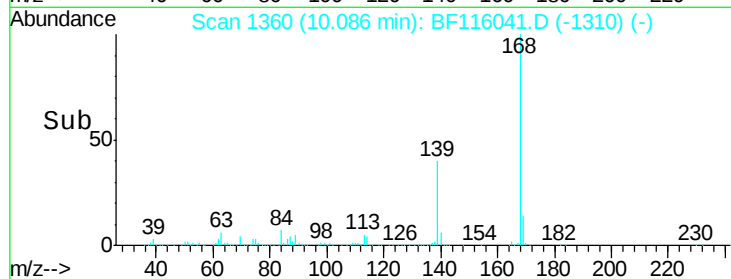
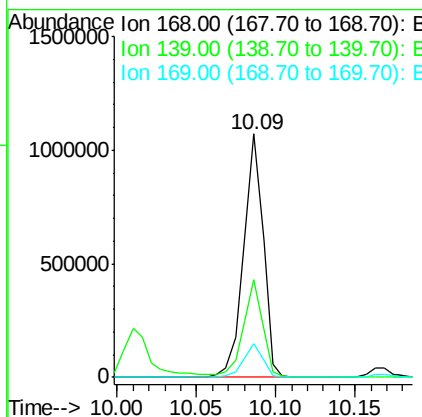
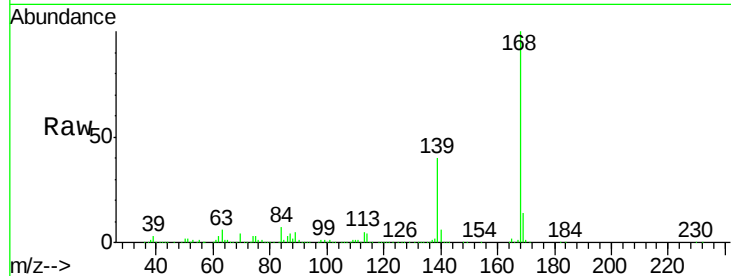
#55
Dibenzofuran
Concen: 38.764 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Instrument :
BNA_F
ClientSampleId :
PB122007BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	916883		
139	39.9		31.4	47.2
169	13.6		10.9	16.3

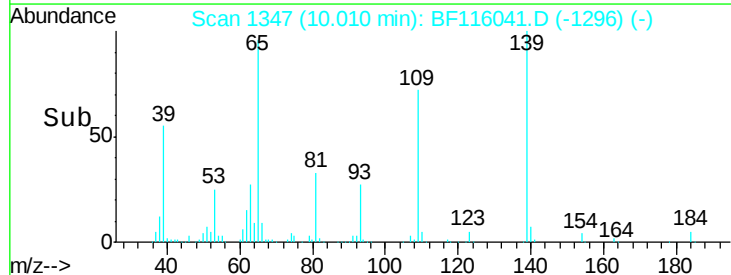
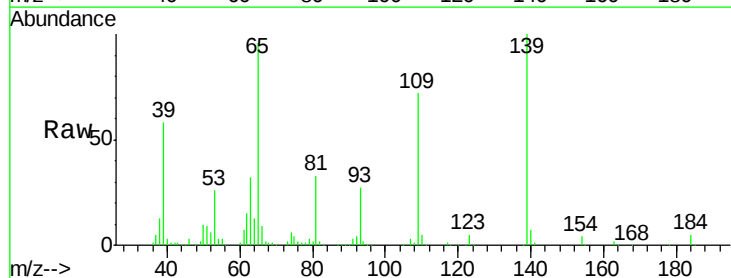
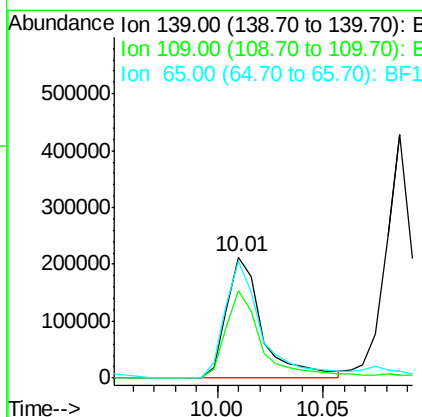
Manual Integrations
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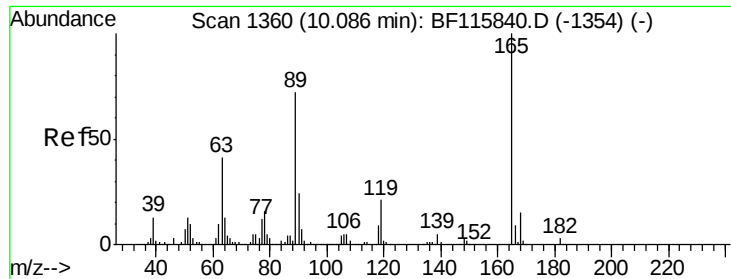
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#56
4-Nitrophenol
Concen: 69.494 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	251727		
109	71.7		54.4	94.4
65	96.3		80.6	120.6





#57

2,4-Dinitrotoluene

Concen: 38.983 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF116041.D

Acq: 7 Aug 2019 10:58

Instrument :

BNA_F

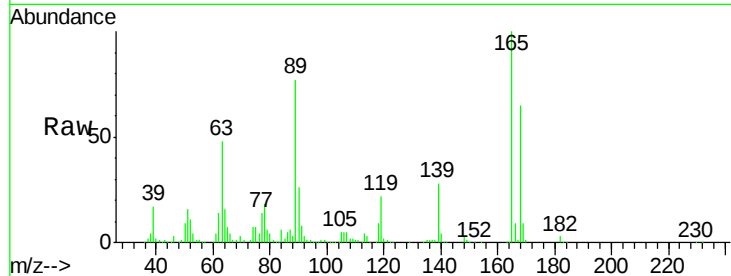
ClientSampleId :

PB122007BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	237517		
63	48.1	39.6	59.4	
89	76.7	62.2	93.2	
182	2.7	2.1	3.1	

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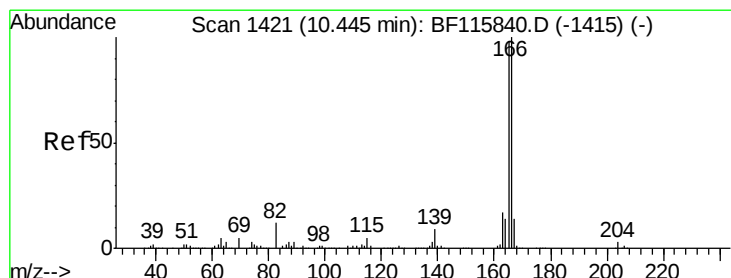
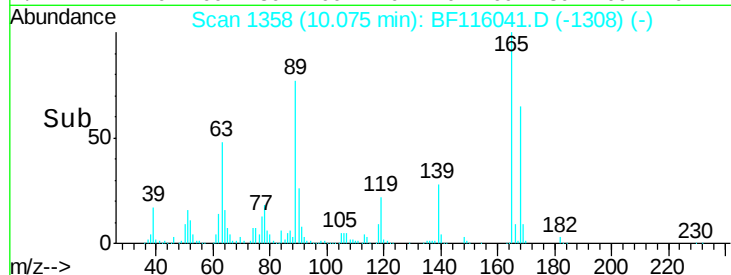
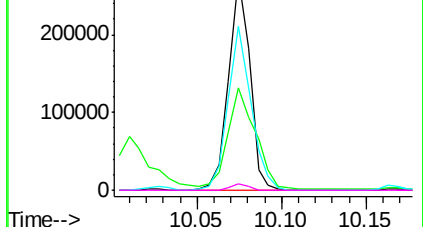


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.868 ng

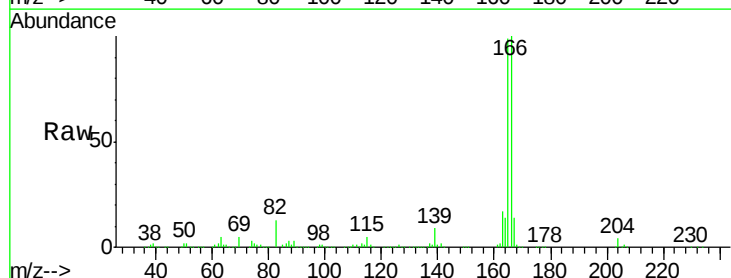
RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF116041.D

Acq: 7 Aug 2019 10:58

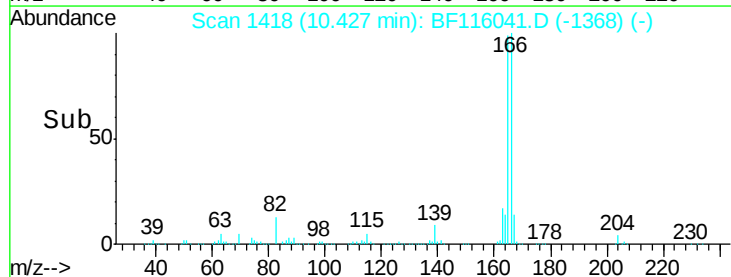
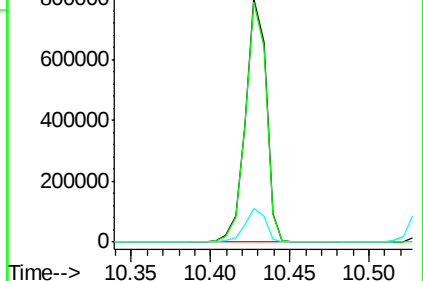
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	725527		
165	98.7	78.4	117.6	
167	13.7	11.0	16.4	



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





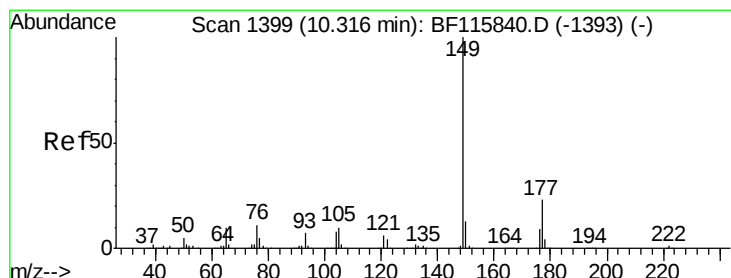
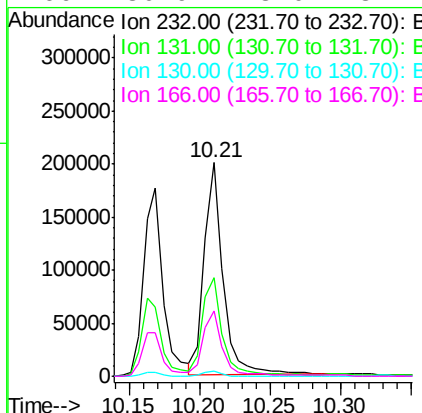
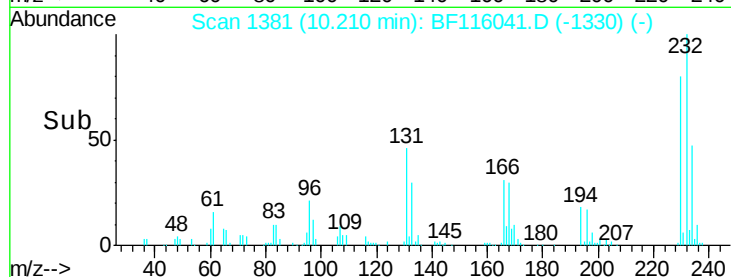
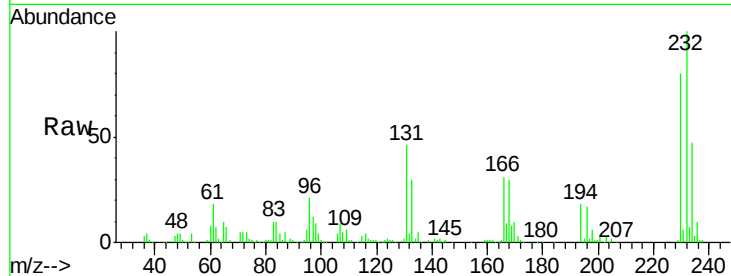
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.170 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122007BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		188911		
131	47.3	36.2	54.2		
130	2.5	1.9	2.9		
166	30.9	23.0	34.4		

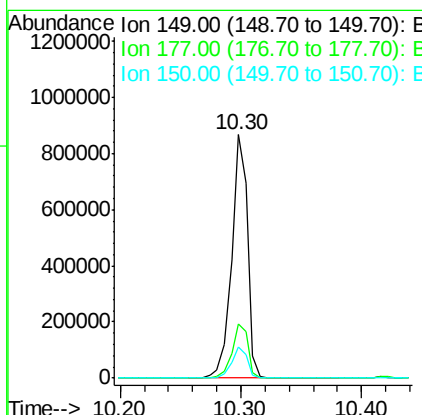
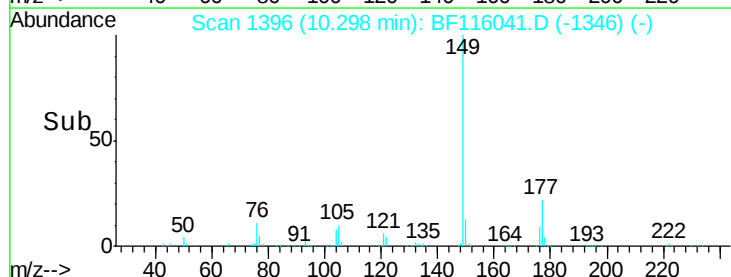
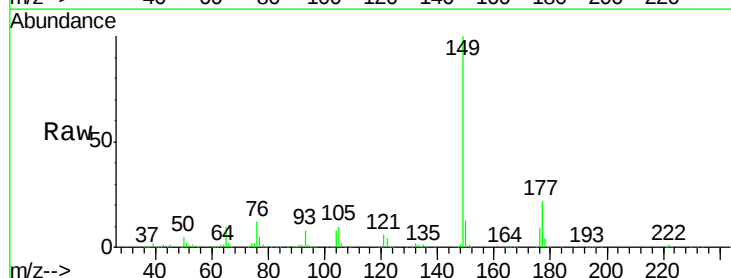
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#60
 Diethylphthalate
 Concen: 40.101 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		788381		
177	22.3	18.8	28.2		
150	12.8	10.2	15.4		





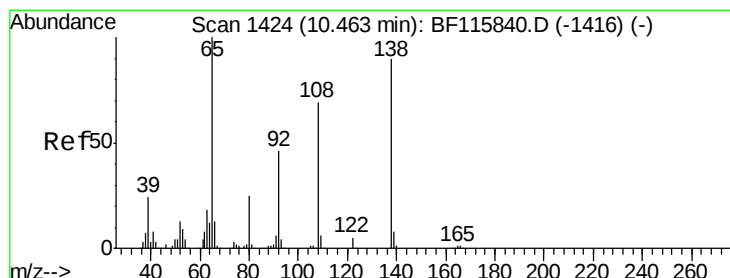
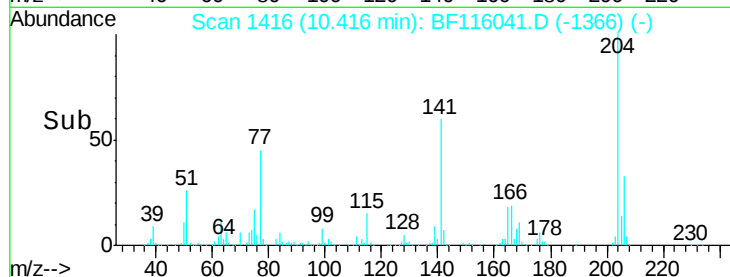
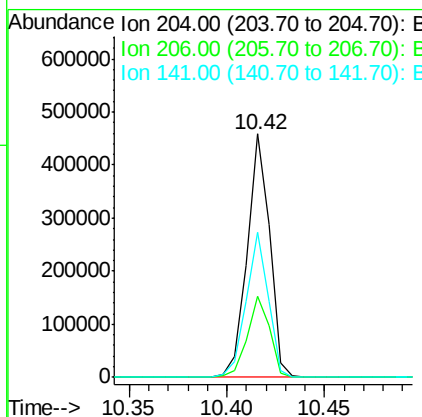
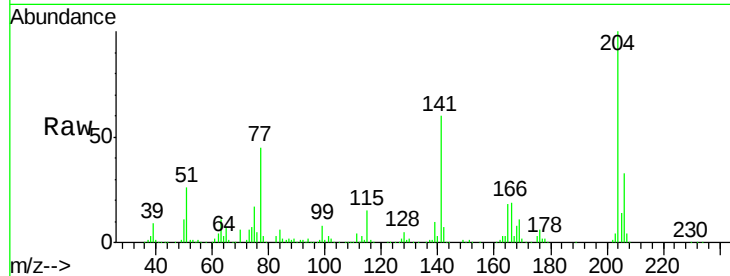
#61
4-Chlorophenyl-phenylether
Concen: 39.564 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Instrument :
BNA_F
ClientSampleId :
PB122007BS

Tot Ion:	204	Resp:	364637
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.4	39.6
141	59.8	46.4	69.6

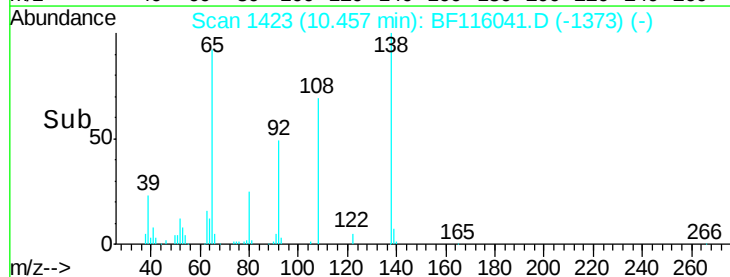
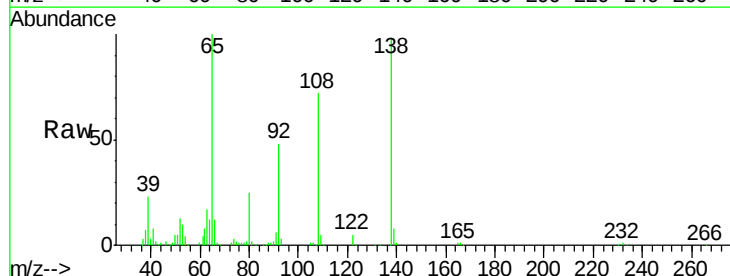
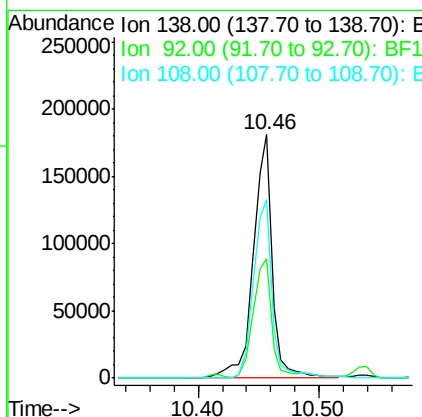
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#62
4-Nitroaniline
Concen: 34.091 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tgt Ion:	138	Resp:	199212
Ion Ratio	Lower	Upper	
138	100		
92	49.0	29.0	69.0
108	73.4	54.7	94.7





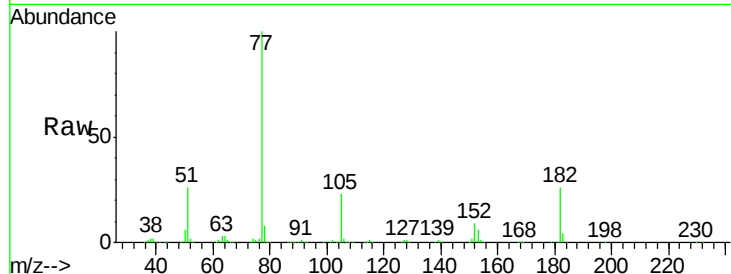
#63
Azobenzene
Concen: 40.127 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Instrument :
BNA_F
ClientSampleId :
PB122007BS

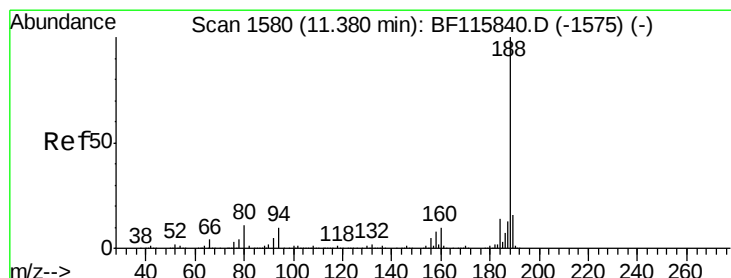
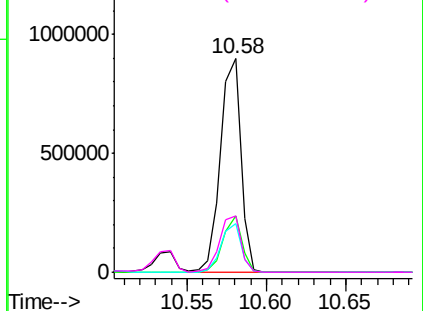
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.5	4.0	44.0	
105	22.7	2.0	42.0	
51	26.4	7.5	47.5	

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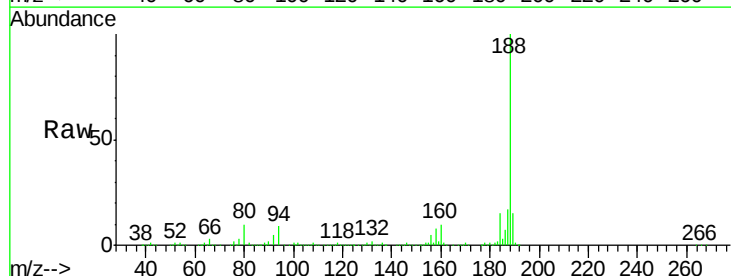


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

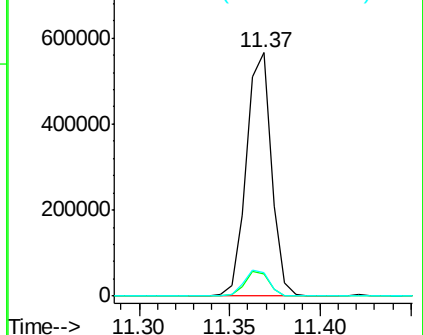


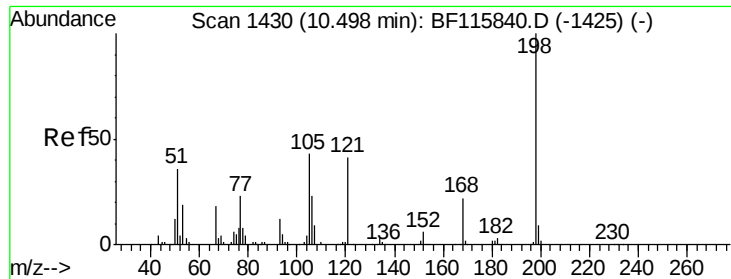
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.9	8.1	12.1	
80	9.8	8.7	13.1	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.274 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF116041.D

Acq: 7 Aug 2019 10:58

Instrument :

BNA_F

ClientSampleId :

PB122007BS

Tot Ion:198 Resp: 116025

Ion Ratio Lower Upper

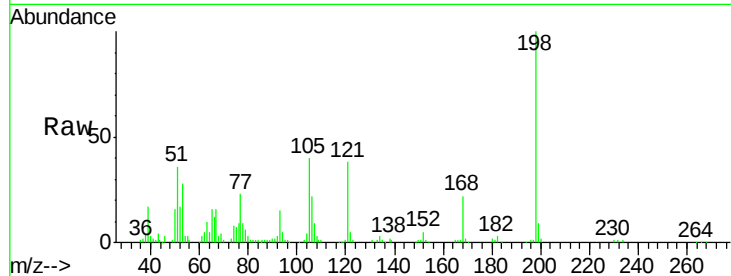
198 100

51 36.1 17.0 57.0

105 40.4 21.6 61.6

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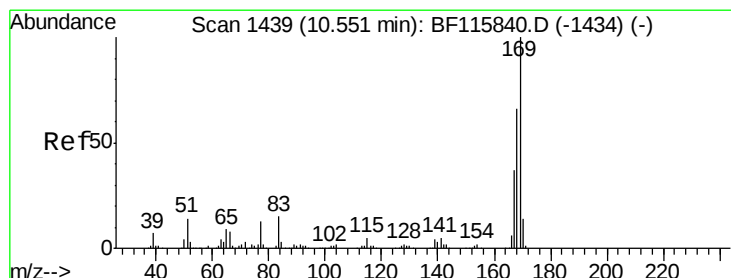
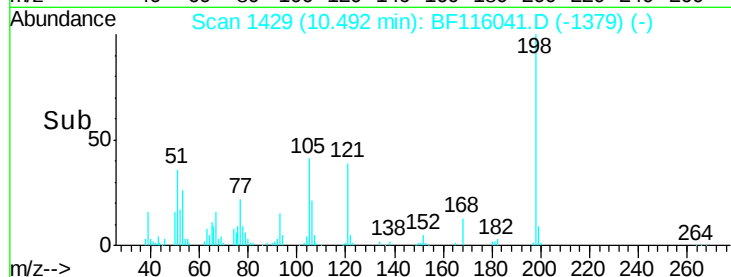
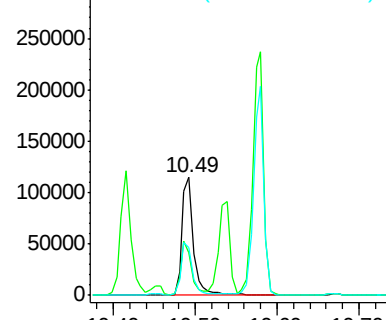
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.961 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF116041.D

Acq: 7 Aug 2019 10:58

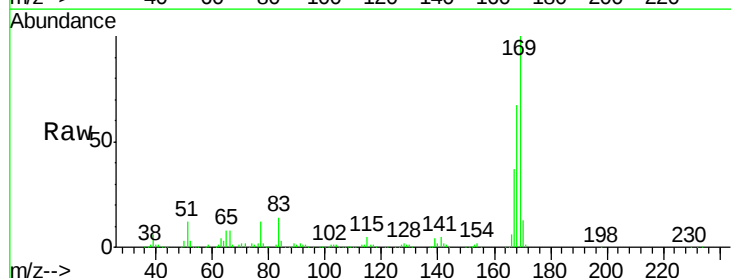
Tgt Ion:169 Resp: 653873

Ion Ratio Lower Upper

169 100

168 66.7 53.8 80.6

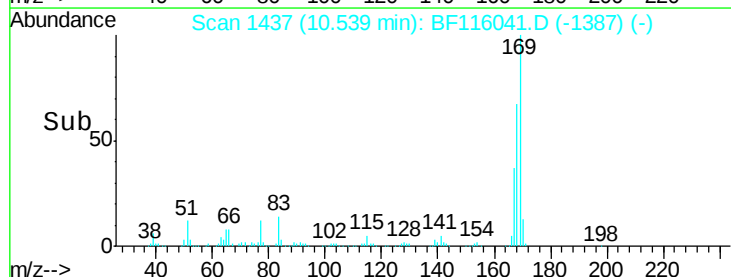
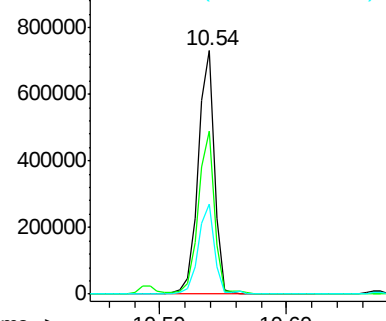
167 37.1 29.6 44.4



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





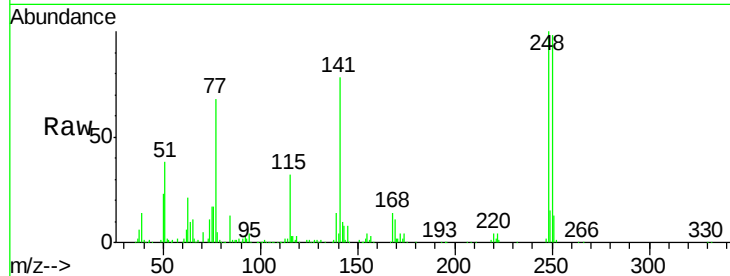
#67
4-Bromophenyl-phenylether
Concen: 38.801 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Instrument :
BNA_F
ClientSampleId :
PB122007BS

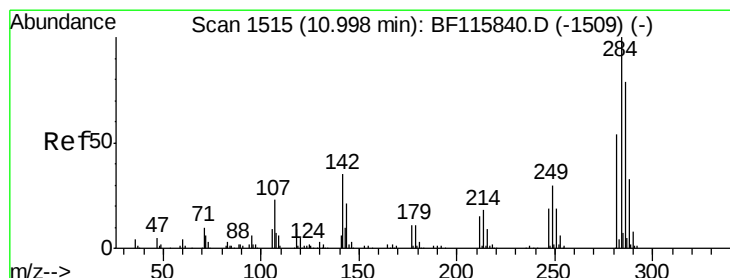
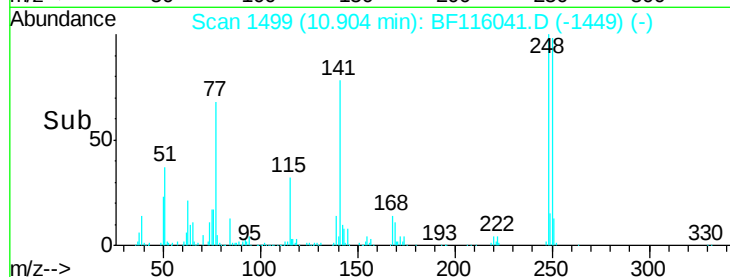
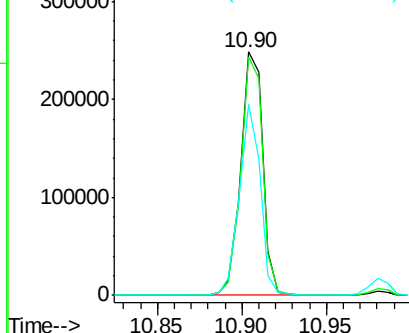
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.4	116.2
141	78.5	56.8	85.2

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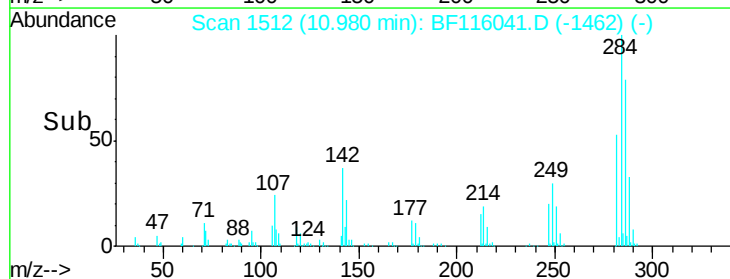
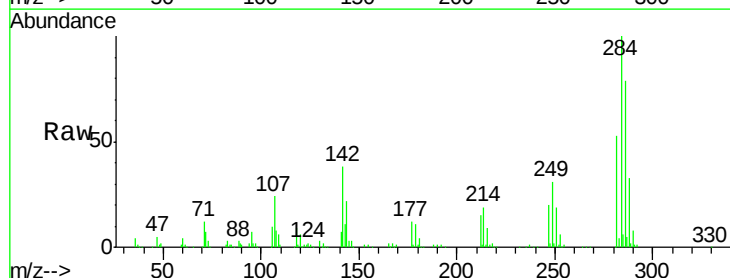
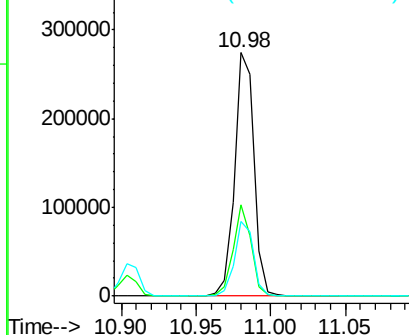
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

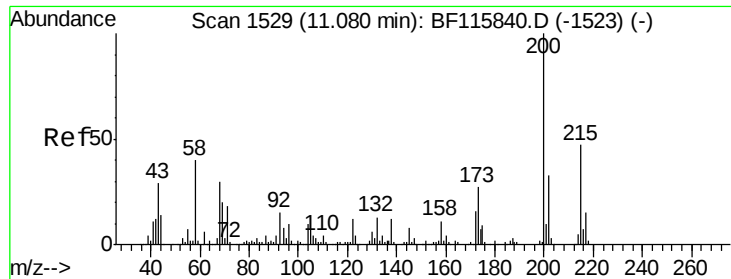


#68
Hexachlorobenzene
Concen: 37.451 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.6	28.4	42.6
249	30.5	24.5	36.7

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





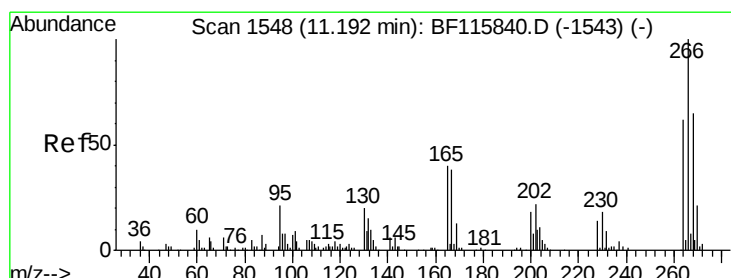
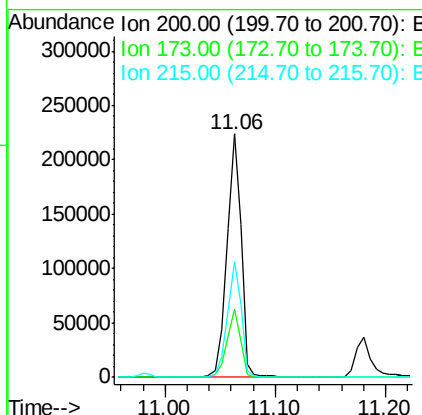
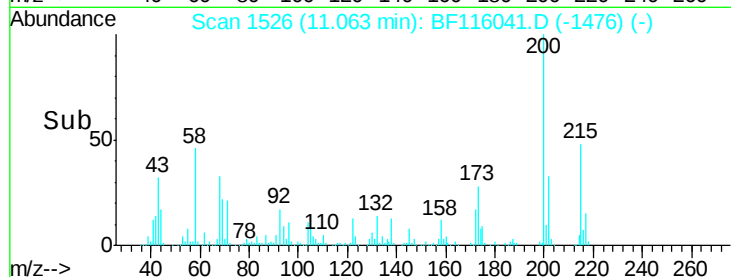
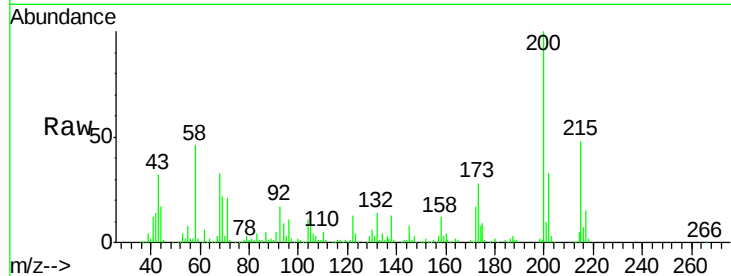
#69
Atrazine
Concen: 37.930 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Instrument :
BNA_F
ClientSampleId :
PB122007BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.8	6.8	46.8
215	47.6	27.5	67.5

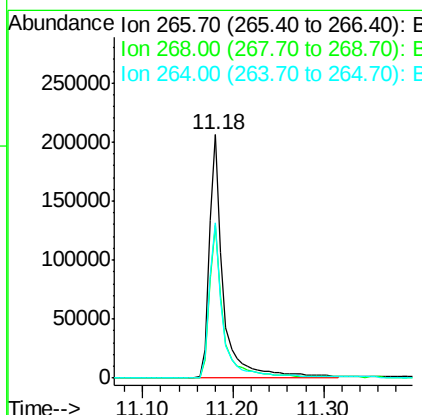
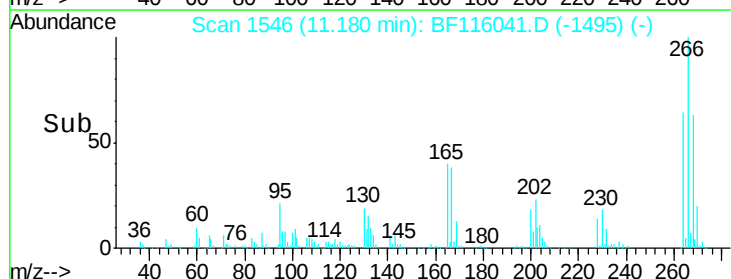
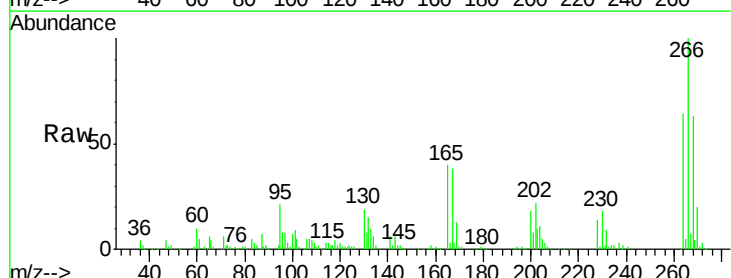
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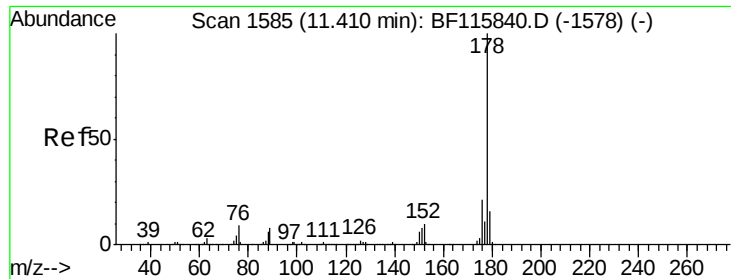
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#70
Pentachlorophenol
Concen: 69.875 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.7	48.8	73.2
264	63.5	50.6	76.0





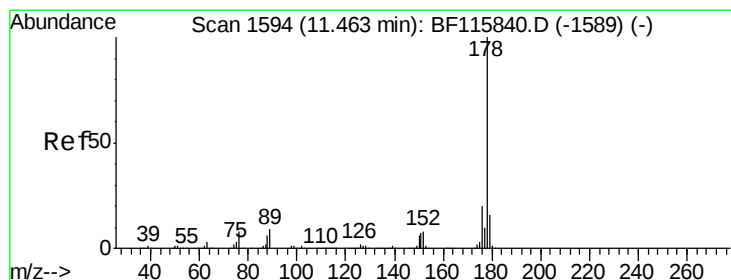
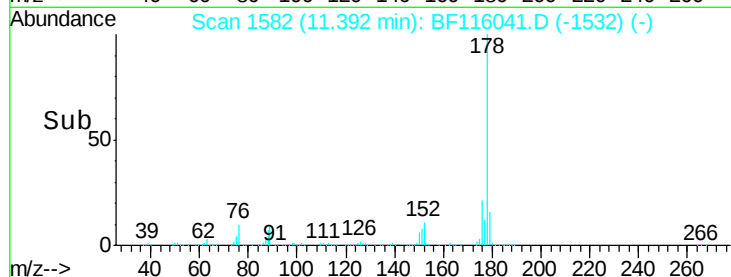
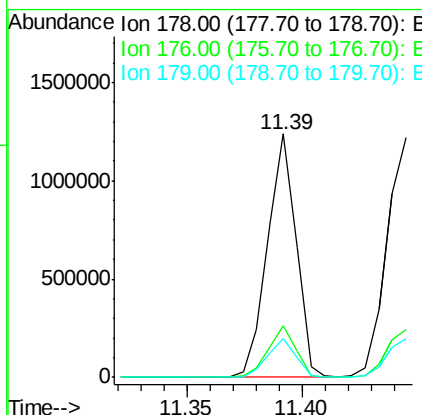
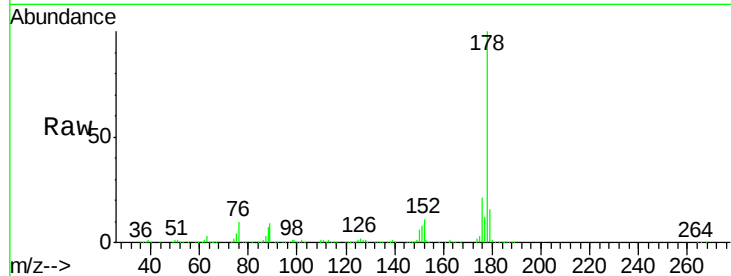
#71
Phenanthrene
Concen: 38.639 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Instrument :
BNA_F
ClientSampleId :
PB122007BS

Tot Ion:178 Resp: 1073852
Ion Ratio Lower Upper
178 100
176 21.0 16.6 24.8
179 15.9 12.5 18.7

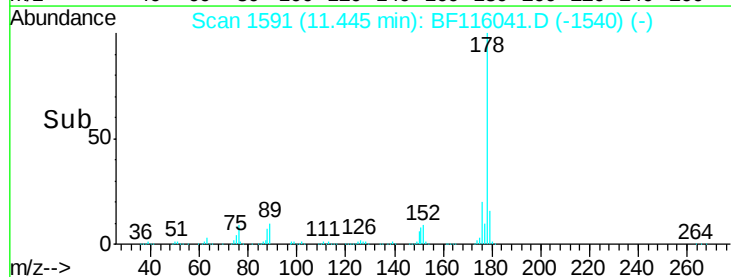
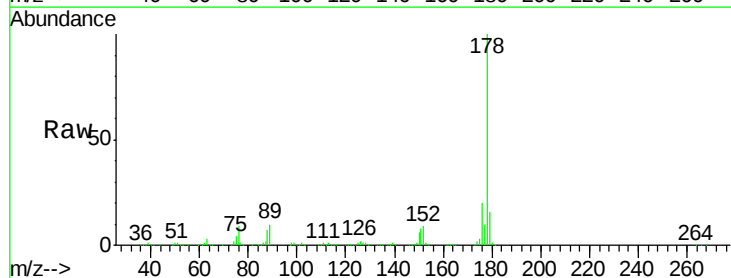
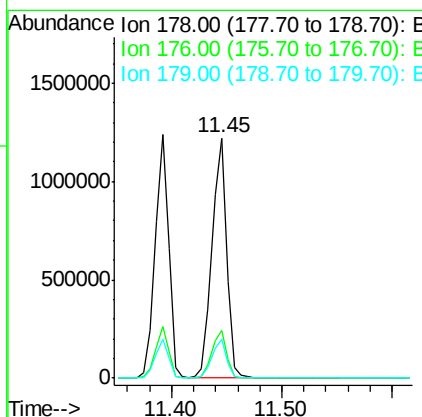
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#72
Anthracene
Concen: 39.327 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tgt Ion:178 Resp: 1106139
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.9 13.0 19.6





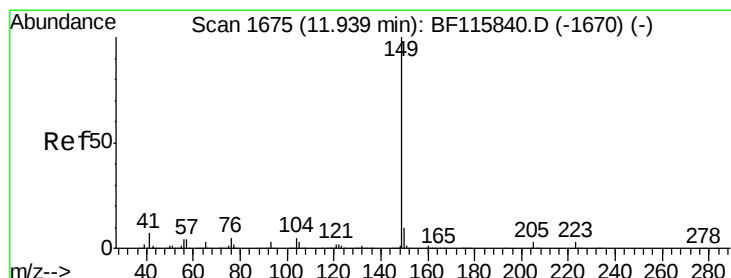
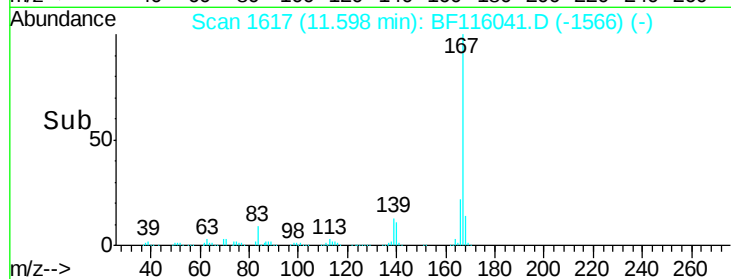
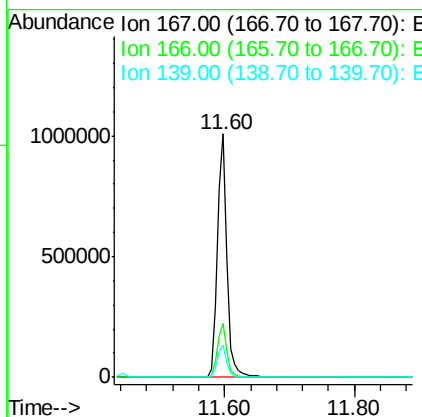
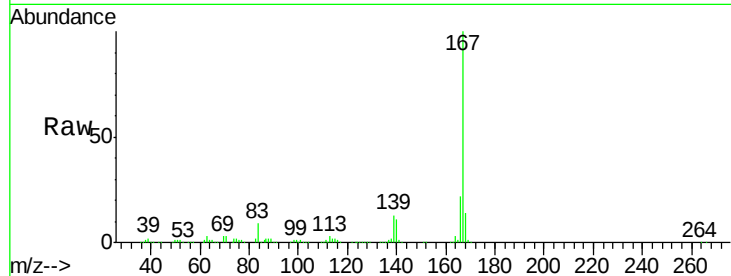
#73
 Carbazole
 Concen: 40.007 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122007BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	13.4	11.4	17.0

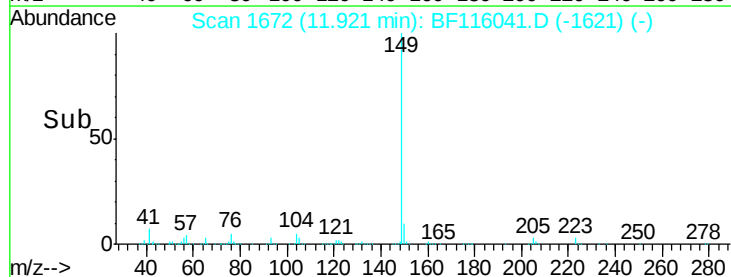
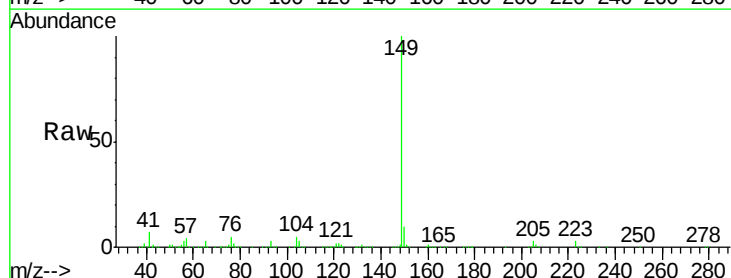
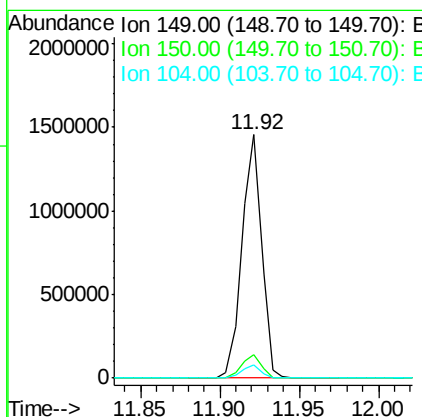
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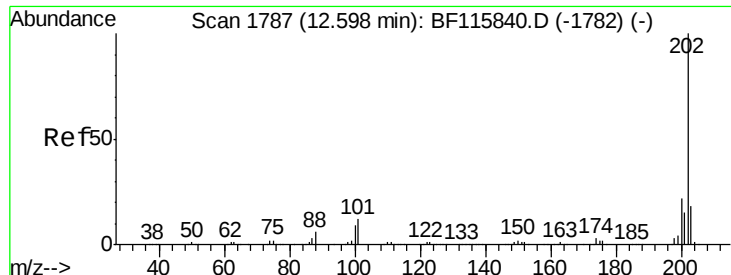
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#74
 Di-n-butylphthalate
 Concen: 41.971 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.0	12.0
104	5.3	4.5	6.7





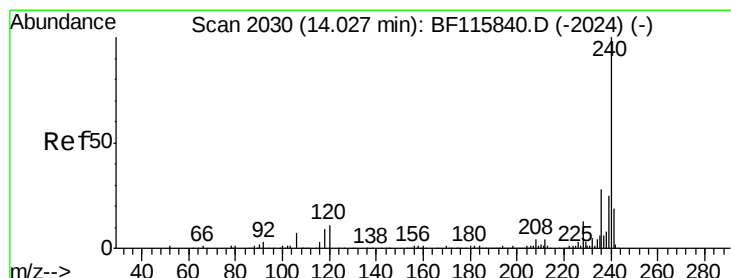
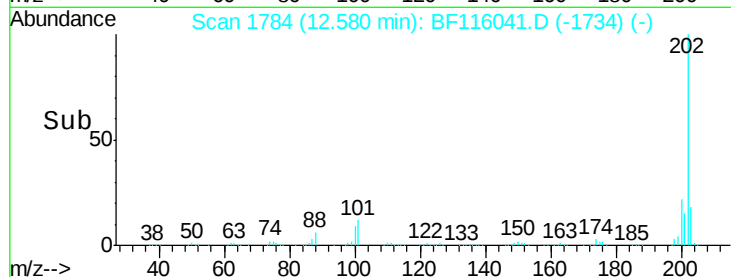
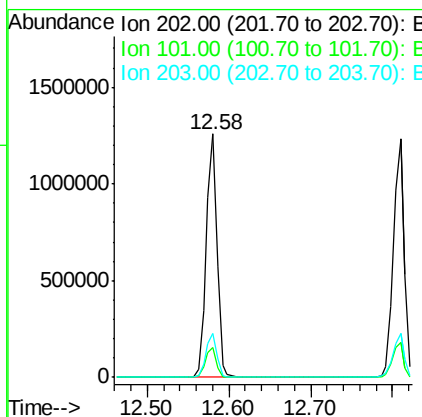
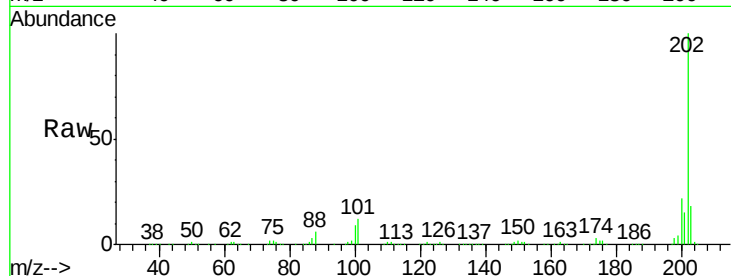
#75
Fluoranthene
 Concen: 39.611 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122007BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.2
203	17.9	0.0	37.8

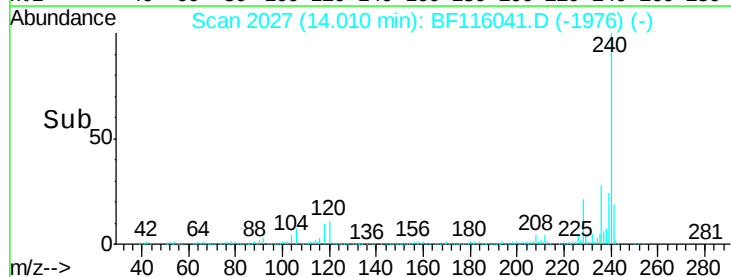
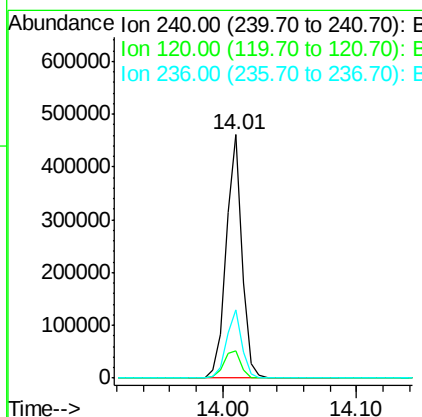
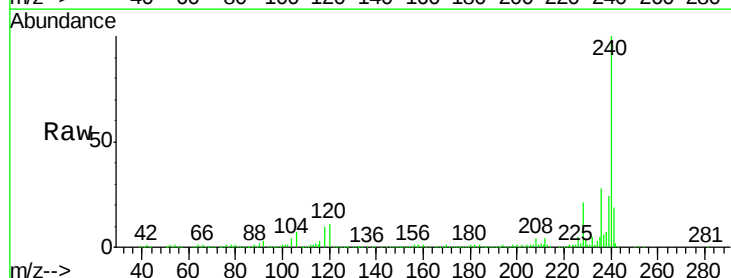
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#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.7	16.1
236	27.9	22.2	33.2





#77

Benzidine

Concen: 27.475 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF116041.D

Acq: 7 Aug 2019 10:58

Instrument :

BNA_F

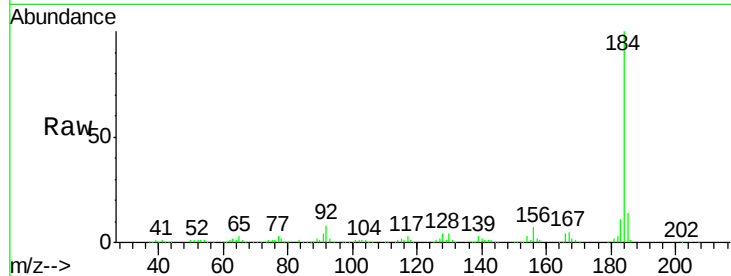
ClientSampleId :

PB122007BS

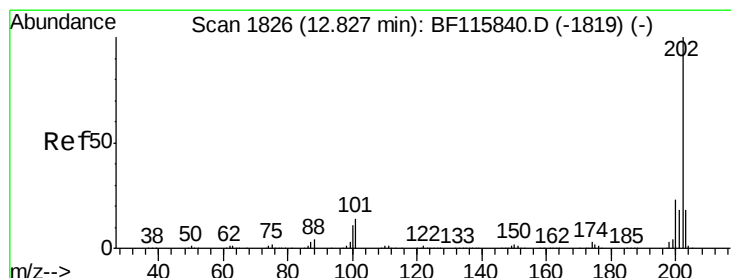
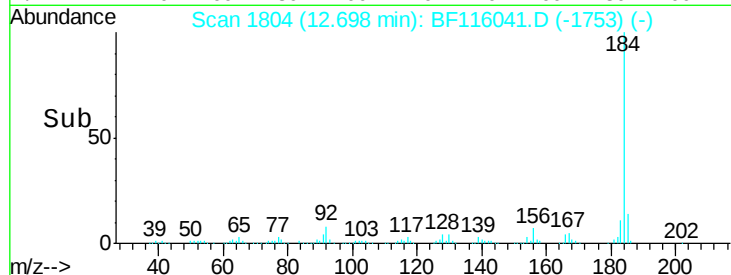
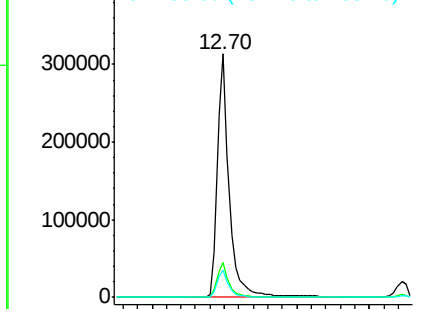
Tot Ion:	184	Resp:	358407
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.8	19.2
183	11.2	9.4	14.0

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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: 39.559 ng

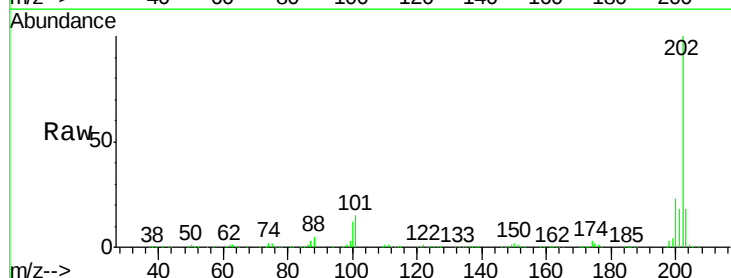
RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

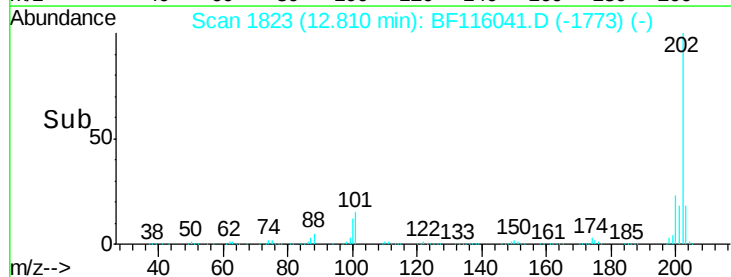
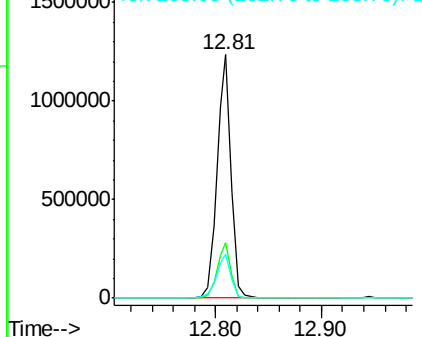
Lab File: BF116041.D

Acq: 7 Aug 2019 10:58

Tgt Ion:	202	Resp:	1151402
Ion Ratio	Lower	Upper	
202	100		
200	23.0	18.0	27.0
203	18.2	14.1	21.1



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





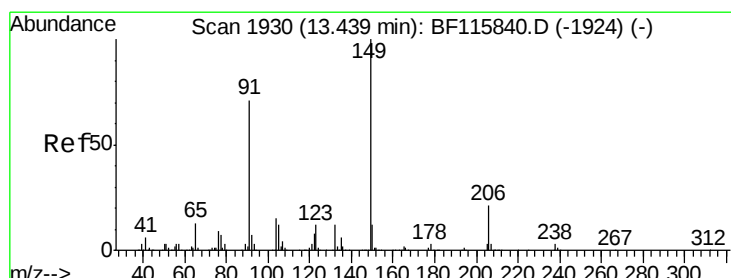
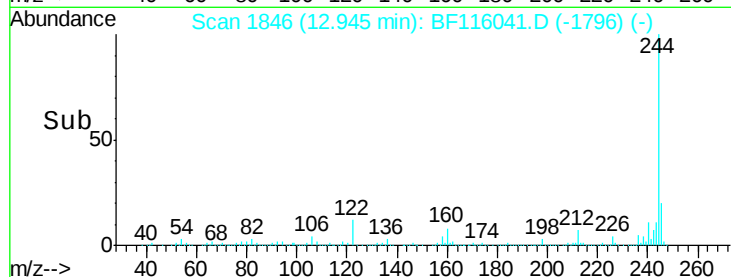
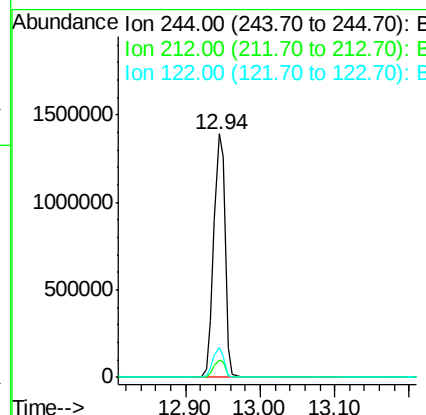
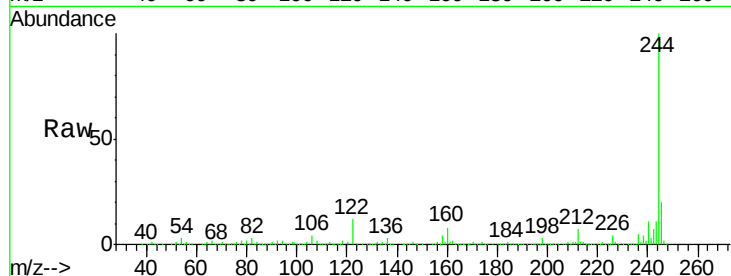
#79
 Terphenyl-d14
 Concen: 79.966 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122007BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.4	9.0	13.4

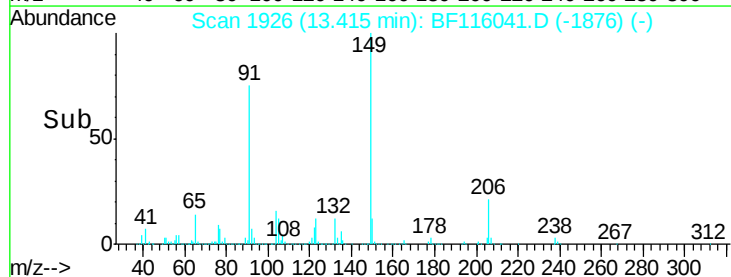
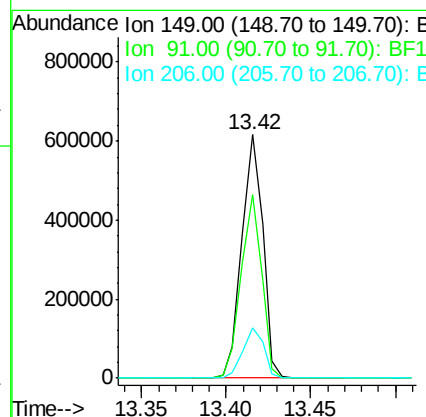
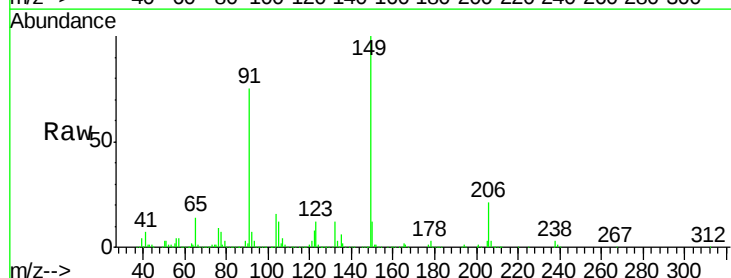
Manual Integrations
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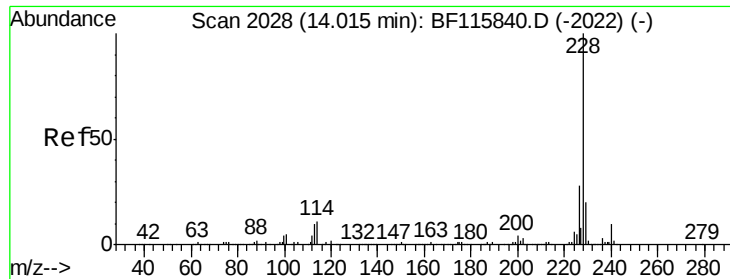
mohammad
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#80
 Butylbenzylphthalate
 Concen: 43.280 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.3	56.3	84.5
206	20.5	18.0	27.0





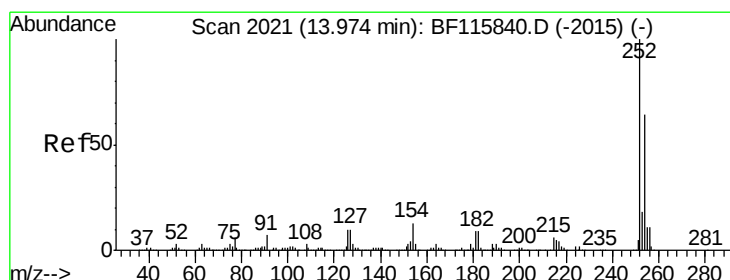
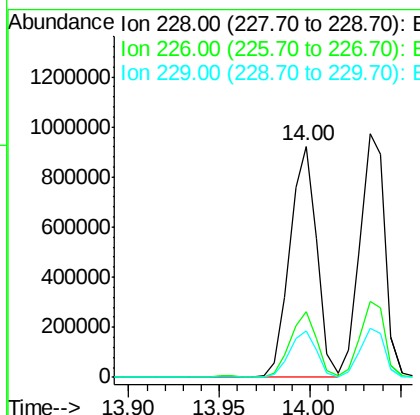
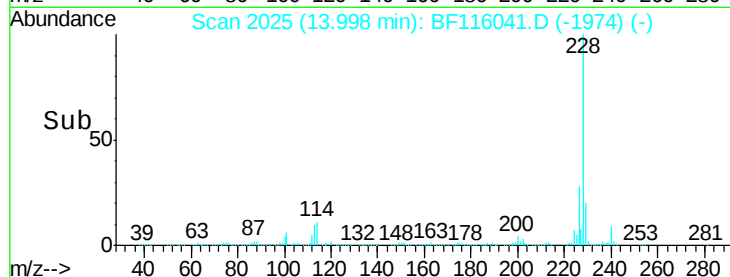
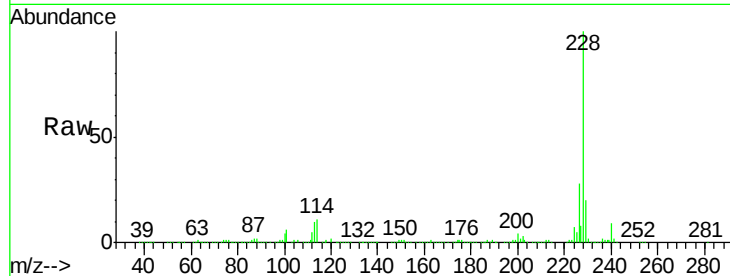
#81
Benzo(a)anthracene
Concen: 38.994 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Instrument :
BNA_F
ClientSampleId :
PB122007BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	20.2	16.2	24.4

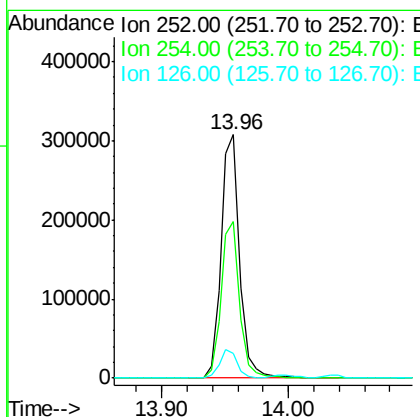
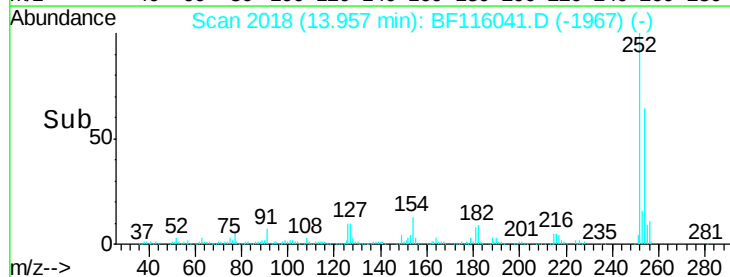
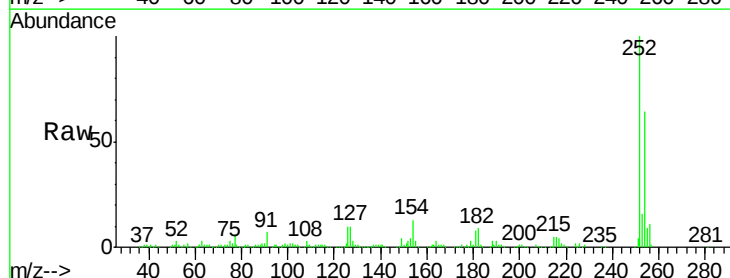
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#82
3,3'-Dichlorobenzidine
Concen: 36.651 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.9	76.3
126	10.3	9.8	14.8





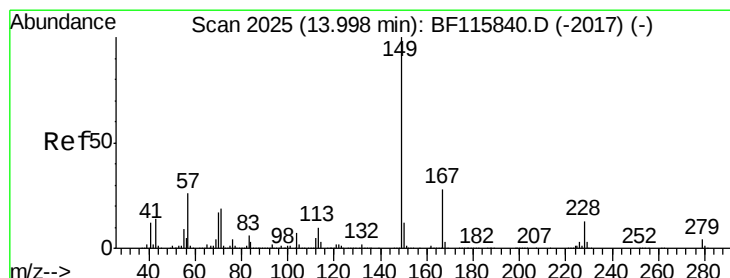
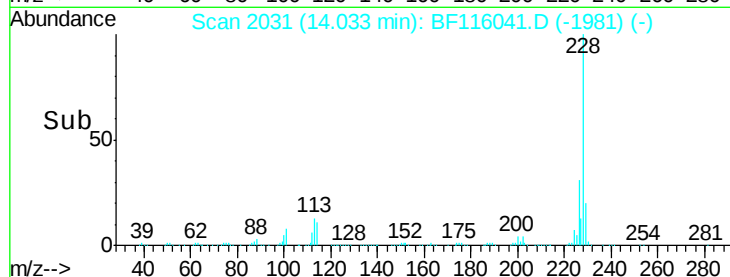
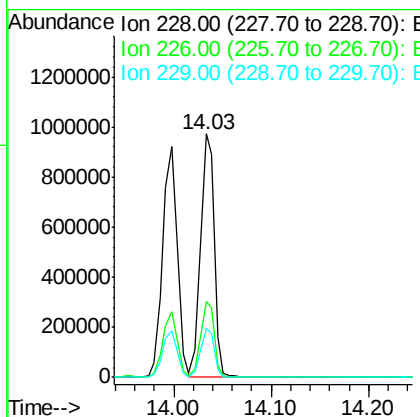
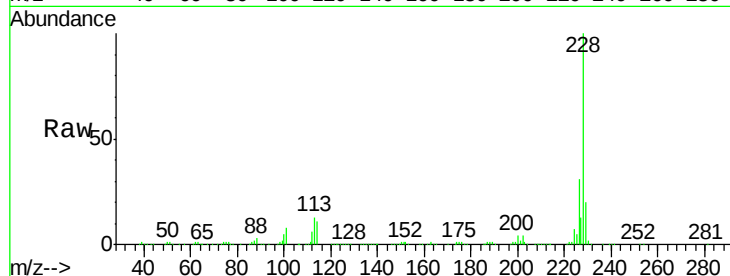
#83
 Chrvsene
 Concen: 39.182 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB122007BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.5	38.3
229	20.4	16.6	24.8

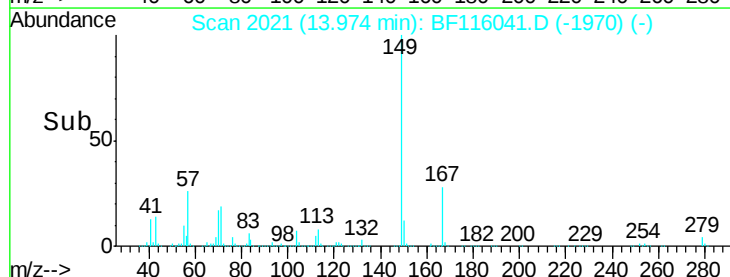
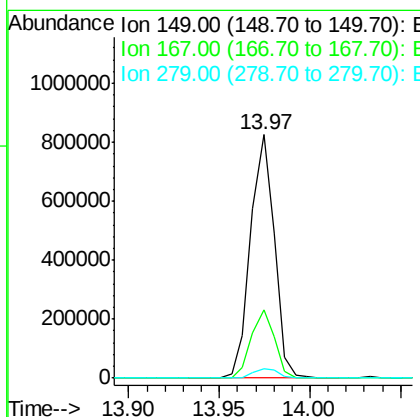
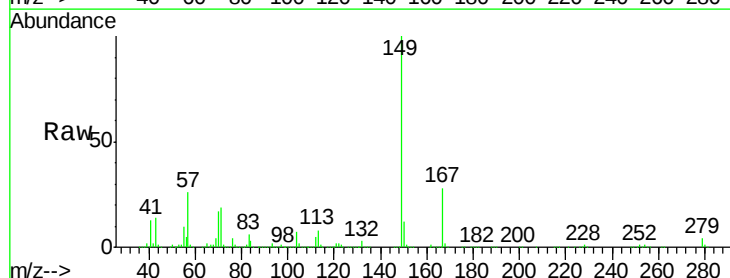
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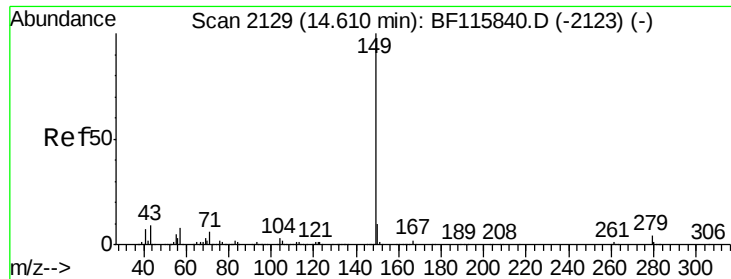
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.312 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF116041.D
 Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.6	32.4
279	3.9	3.0	4.4





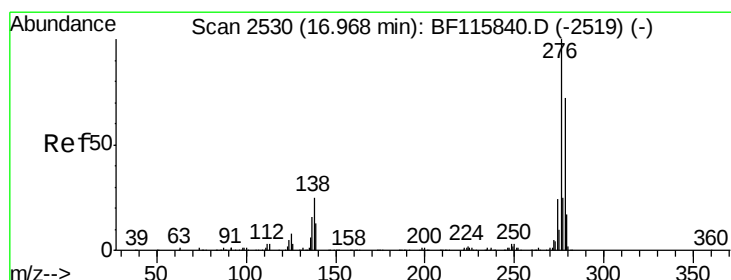
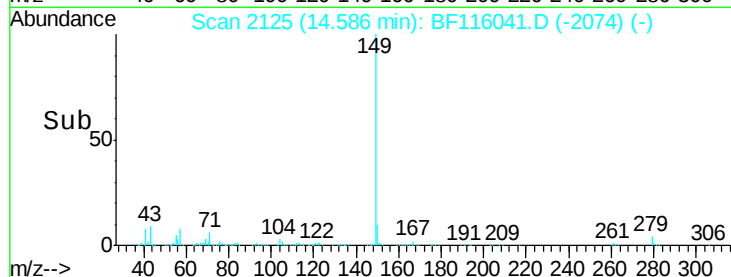
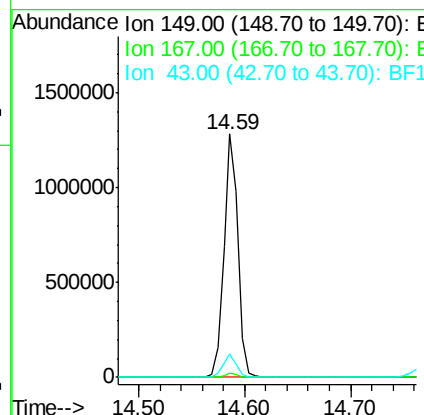
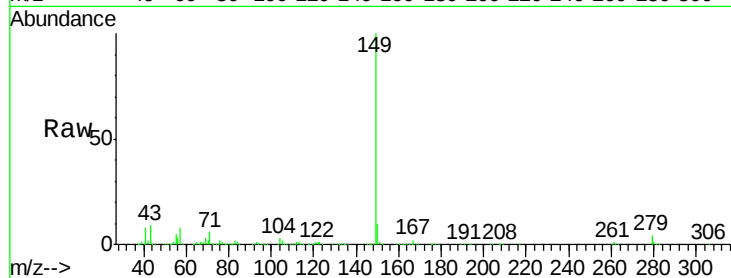
#85
Di-n-octyl phthalate
Concen: 46.898 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Instrument :
BNA_F
ClientSampleId :
PB122007BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.1	7.5	11.3

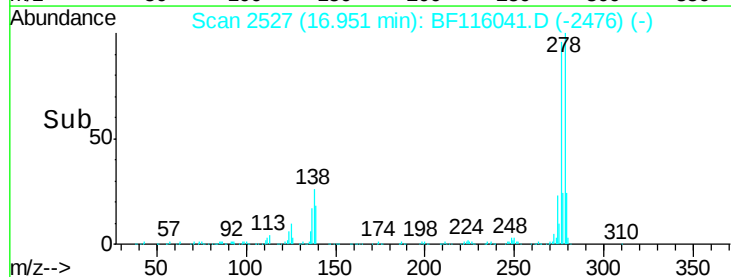
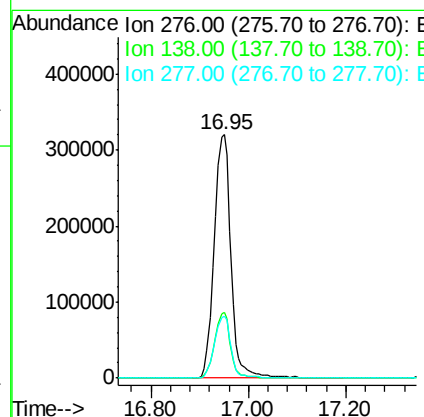
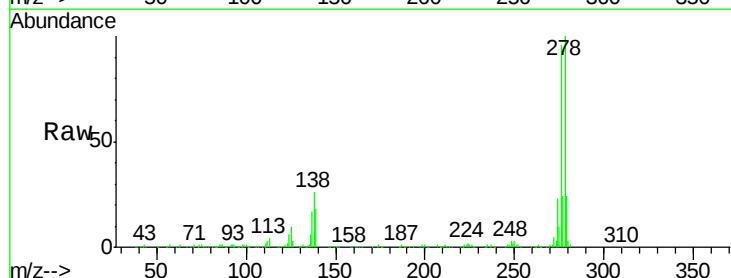
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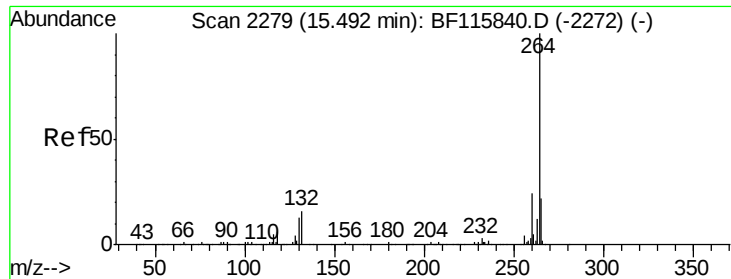
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#86
Indeno(1,2,3-cd)pyrene
Concen: 38.048 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.4	30.6
277	25.1	20.0	30.0





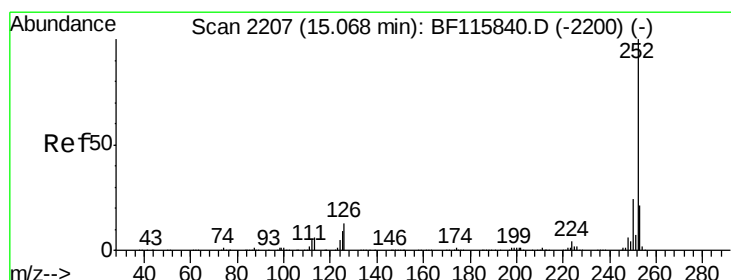
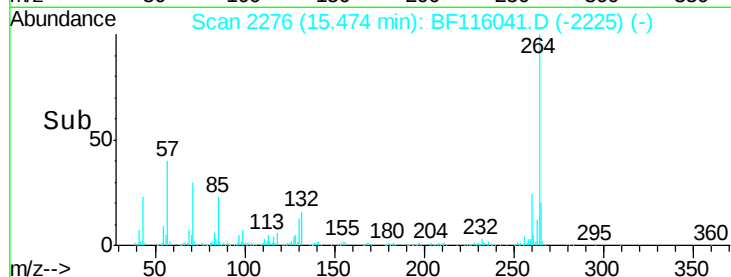
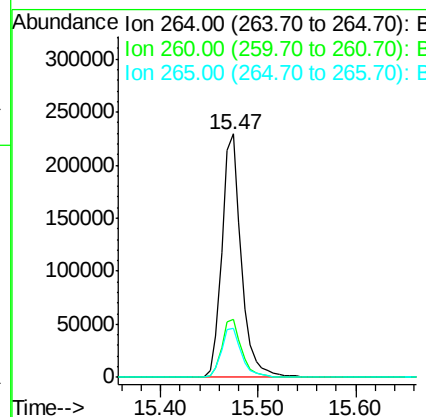
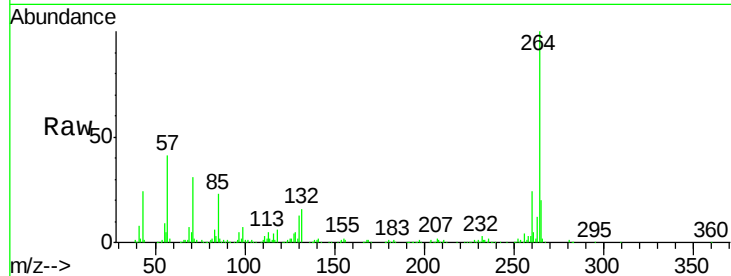
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Instrument :
BNA_F
ClientSampleId :
PB122007BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	20.4	17.4	26.0

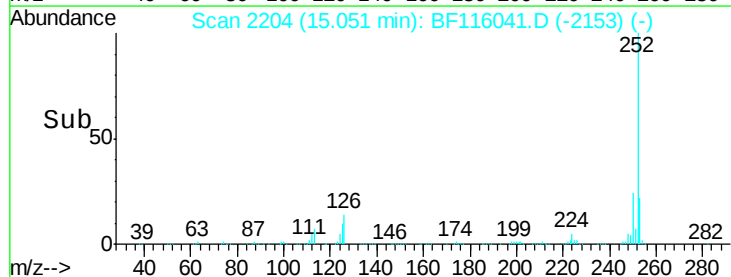
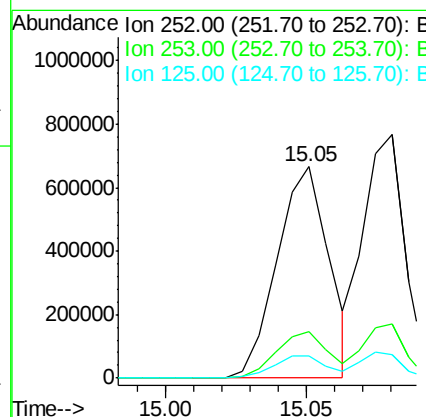
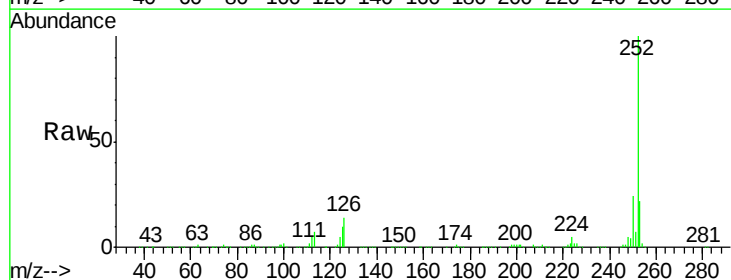
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#88
Benzo(b)fluoranthene
Concen: 46.399 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.4	8.4	12.6





#89

Benzo(k)fluoranthene

Concen: 45.277 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BF116041.D

Acq: 7 Aug 2019 10:58

Instrument :

BNA_F

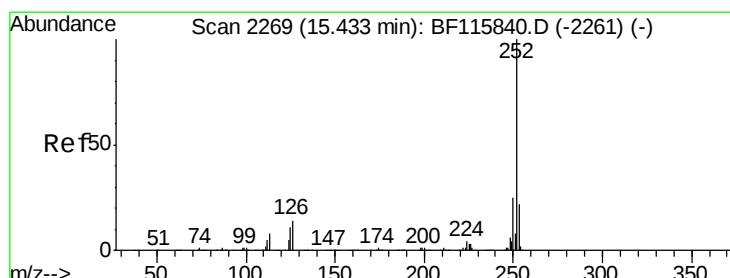
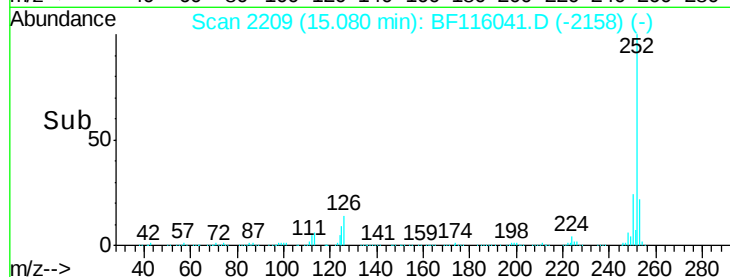
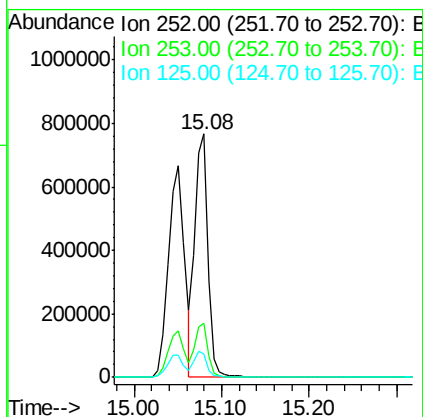
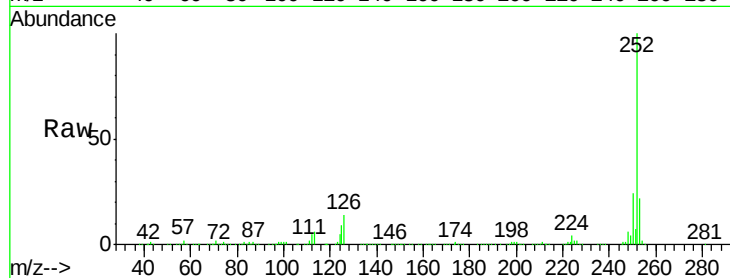
ClientSampleId :

PB122007BS

Tot Ion:	252	Resp:	804432
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	9.5	7.7	11.5

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#90

Benzo(a)pyrene

Concen: 46.854 ng

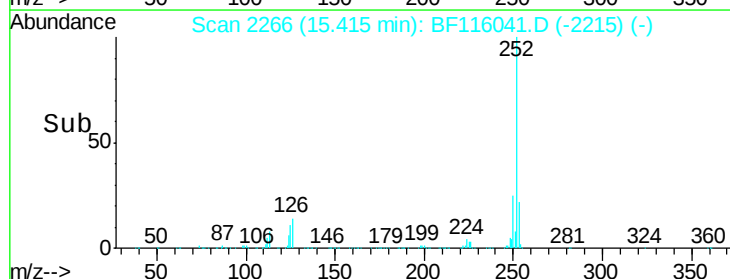
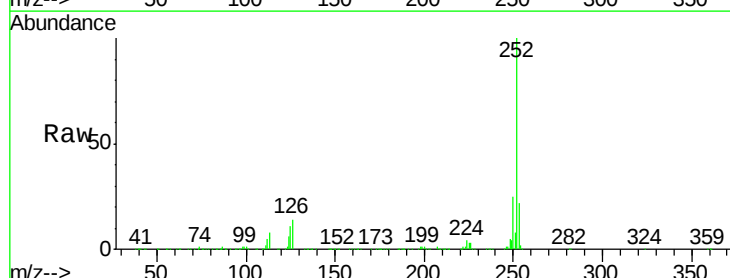
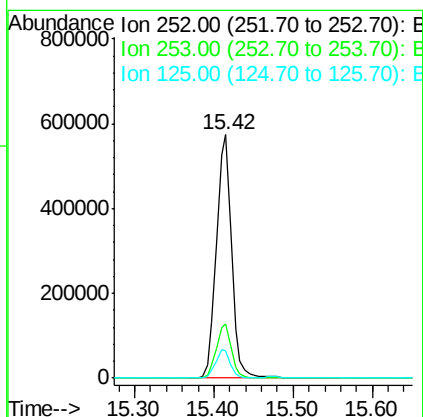
RT: 15.42 min Scan# 2266

Delta R.T. -0.00 min

Lab File: BF116041.D

Acq: 7 Aug 2019 10:58

Tgt Ion:	252	Resp:	764000
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	11.2	8.9	13.3





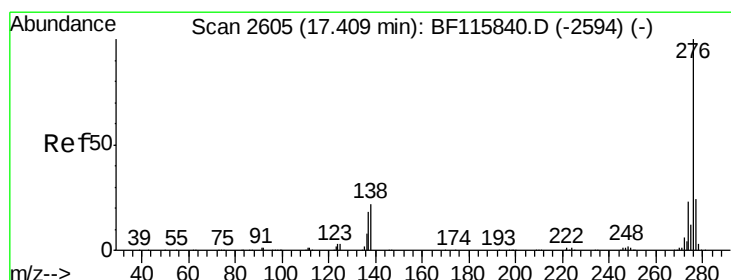
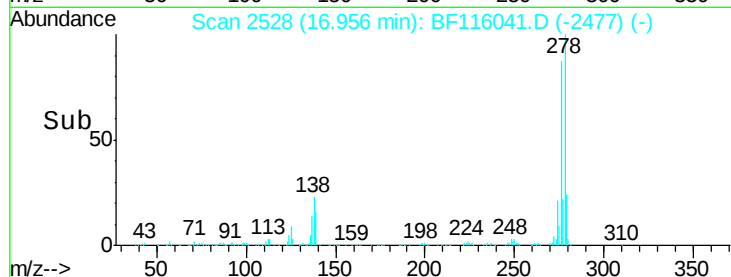
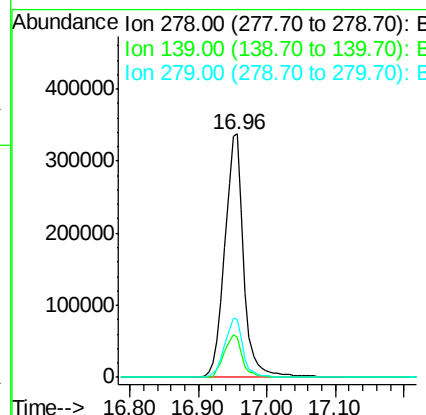
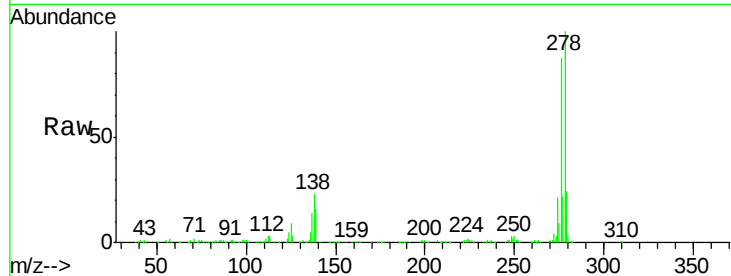
#91
Dibenzo(a,h)anthracene
Concen: 45.782 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Instrument :
BNA_F
ClientSampleId :
PB122007BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.8	19.2
279	23.6	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 44.742 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.00 min
Lab File: BF116041.D
Acq: 7 Aug 2019 10:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.4	27.6
138	21.4	17.0	25.6

