

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116103.D
 Acq On : 9 Aug 2019 10:37
 Operator : HP/JU
 Sample : PB122069BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122069BS

Manual Integrations
 APPROVED

Sohil
 8/13/2019 7:17:45 AM

Quant Time: Aug 10 02:35:14 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	6.84	152	131804	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	533780	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	277320	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	476302	20.00	ng	0.00
76) Chrysene-d12	14.00	240	318268	20.00	ng	0.00
87) Perylene-d12	15.47	264	266775	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	879878	111.75	ng	0.00
7) Phenol-d6	6.48	99	1097101	110.44	ng	0.00
23) Nitrobenzene-d5	7.40	82	719245	77.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	305631	113.67	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1223243	82.62	ng	-0.01
79) Terphenyl-d14	12.94	244	1300936	86.13	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	157353	39.561	ng	99
3) Pyridine	3.45	79	359655	32.370	ng	100
4) n-Nitrosodimethylamine	3.39	42	161039	36.727	ng	97
6) Aniline	6.50	93	425426	29.905	ng	92
8) 2-Chlorophenol	6.63	128	370876	42.599	ng	99
9) Benzaldehyde	6.39	77	150623	21.976	ng	98
10) Phenol	6.50	94	463675	39.638	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	357204	41.534	ng	97
12) 1,3-Dichlorobenzene	6.78	146	400308	39.785	ng	99
13) 1,4-Dichlorobenzene	6.86	146	402874	39.989	ng	98
14) 1,2-Dichlorobenzene	7.01	146	376565	40.593	ng	99
15) Benzyl Alcohol	6.99	79	308929	40.980	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	471403	40.185	ng	99
17) 2-Methylphenol	7.10	107	309102	41.929	ng	100
18) Hexachloroethane	7.35	117	147692	39.818	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	255353	41.483	ng	98
20) 3+4-Methylphenols	7.25	107	375704	43.066	ng	96
22) Acetophenone	7.25	105	501875	42.871	ng	99
24) Nitrobenzene	7.42	77	409358	40.998	ng	100
25) Isophorone	7.66	82	736094	41.629	ng	100
26) 2-Nitrophenol	7.74	139	204642	43.479	ng	94
27) 2,4-Dimethylphenol	7.77	122	327695	46.277	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	453408	41.371	ng	99
29) 2,4-Dichlorophenol	7.99	162	320139	42.818	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	348032	40.836	ng	99
31) Naphthalene	8.14	128	1059725	42.189	ng	99
32) Benzoic acid	7.93	122	181205	36.296	ng	95
33) 4-Chloroaniline	8.19	127	274438	24.453	ng	98
34) Hexachlorobutadiene	8.26	225	196320	39.991	ng	99
35) Caprolactam	8.56	113	95824m	39.627	ng	
36) 4-Chloro-3-methylphenol	8.68	107	327913	42.158	ng	98
37) 2-Methylnaphthalene	8.83	142	705392	42.641	ng	99
38) 1-Methylnaphthalene	8.93	142	659227	42.123	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	324276	43.739	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	145518	46.407	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	206749	40.515	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	220084	41.722	ng	98
46) 1,1'-Biphenyl	9.30	154	849810	43.405	ng	98
47) 2-Chloronaphthalene	9.32	162	675958	41.482	ng	99
48) 2-Nitroaniline	9.42	65	208377	38.687	ng	98
49) Acenaphthylene	9.74	152	1003035	42.192	ng	98
50) Dimethylphthalate	9.60	163	781682	41.397	ng	99
51) 2,6-Dinitrotoluene	9.66	165	174388	42.498	ng	98
52) Acenaphthene	9.91	154	610370	41.850	ng	100
53) 3-Nitroaniline	9.83	138	133053	26.241	ng	96
54) 2,4-Dinitrophenol	9.95	184	134427	65.932	ng	98
55) Dibenzofuran	10.08	168	887095	41.825	ng	100
56) 4-Nitrophenol	10.01	139	219764	67.660	ng	93
57) 2,4-Dinitrotoluene	10.07	165	222447	40.716	ng	98
58) Fluorene	10.42	166	699344	42.857	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	183765	41.407	ng	100
60) Diethylphthalate	10.29	149	740546	42.007	ng	98
61) 4-Chlorophenyl-phenylether	10.41	204	352364	42.636	ng	99
62) 4-Nitroaniline	10.45	138	186007	35.498	ng	98
63) Azobenzene	10.57	77	770312	42.482	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	108668	43.052	ng	94
66) n-Nitrosodiphenylamine	10.53	169	622826	43.444	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	217304	42.619	ng	97
68) Hexachlorobenzene	10.98	284	242600	41.147	ng	93
69) Atrazine	11.06	200	191685	40.643	ng	98
70) Pentachlorophenol	11.17	266	209829	73.303	ng	98
71) Phenanthrene	11.39	178	1011559	41.543	ng	99
72) Anthracene	11.44	178	1054719	42.800	ng	99
73) Carbazole	11.59	167	960211	42.949	ng	99
74) Di-n-butylphthalate	11.92	149	1145710	43.929	ng	99
75) Fluoranthene	12.57	202	1053703	41.335	ng	97
77) Benzidine	12.69	184	337305	31.370	ng	98
78) Pyrene	12.80	202	1073040	44.726	ng	100
80) Butylbenzylphthalate	13.41	149	459045	45.233	ng	95
81) Benzo(a)anthracene	13.99	228	855935	42.076	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	266063	37.647	ng	98
83) Chrysene	14.03	228	843476	42.709	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	619465	46.972	ng	99
85) Di-n-octyl phthalate	14.58	149	957468	45.709	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	722532	43.559	ng	100
88) Benzo(b)fluoranthene	15.04	252	763359	49.488	ng	99
89) Benzo(k)fluoranthene	15.07	252	683184	45.472	ng	98
90) Benzo(a)pyrene	15.41	252	679606	49.286	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	604712	50.663	ng	99
92) Benzo(g,h,i)perylene	17.39	276	604666	51.583	ng	98

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

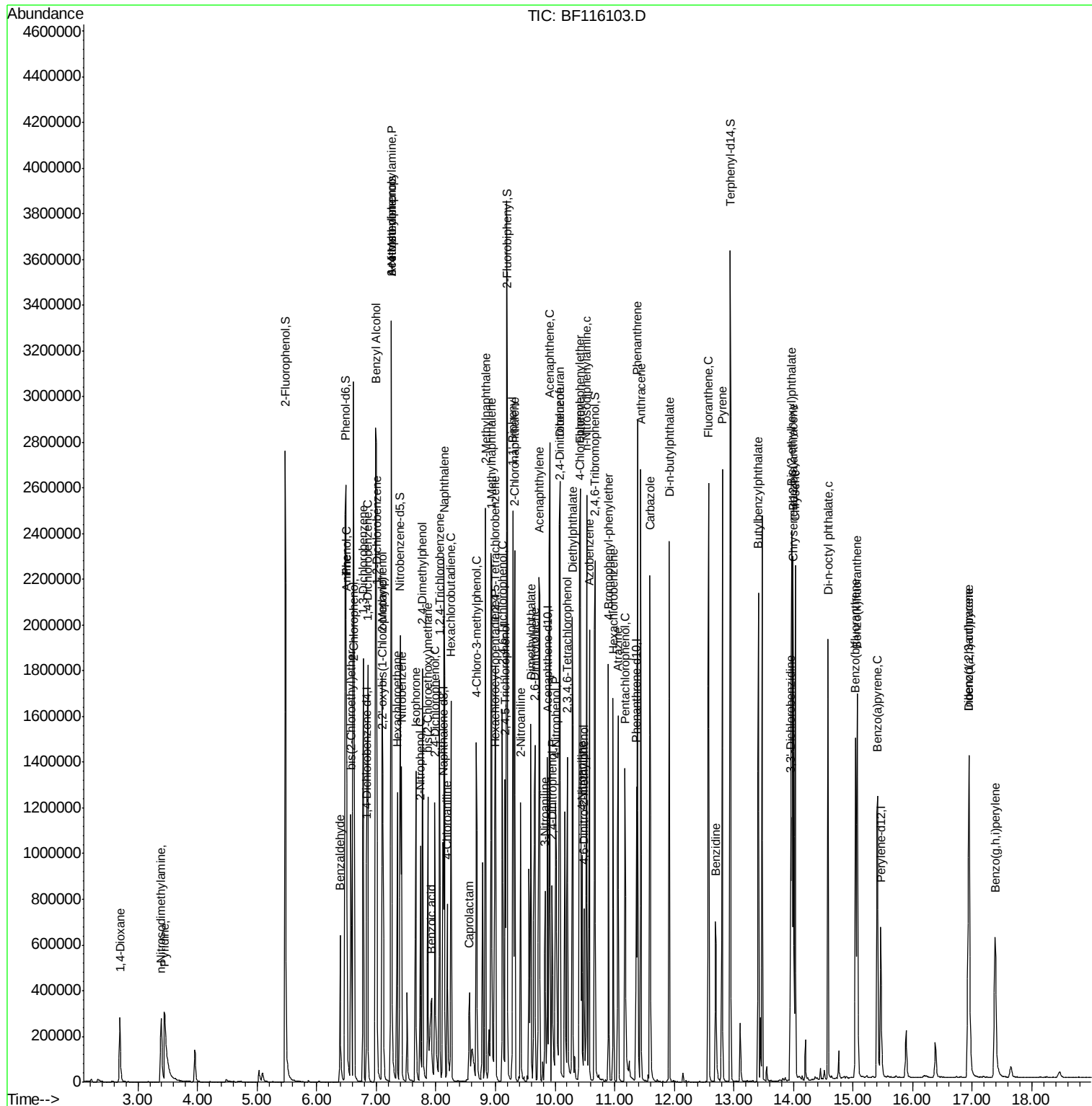
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#1

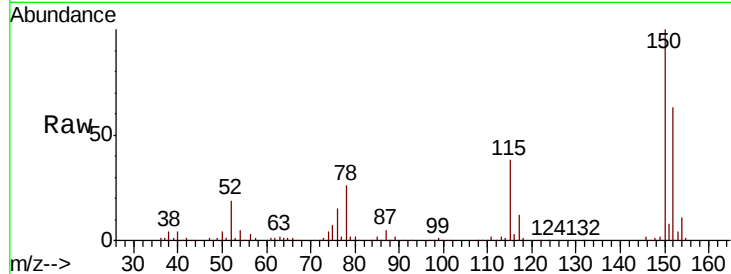
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampleId :
PB122069BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	59.7	49.9	74.9

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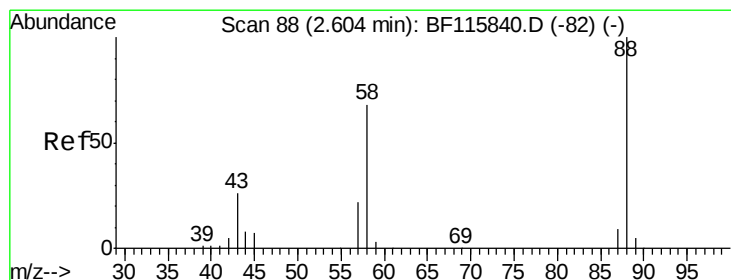
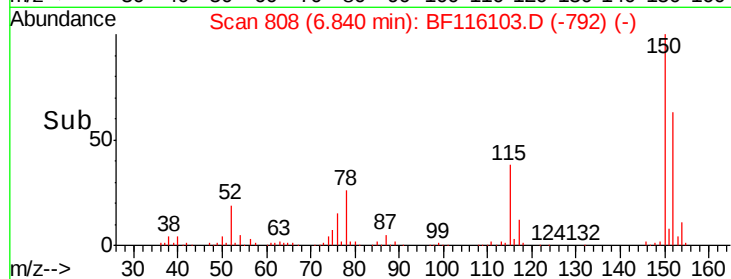
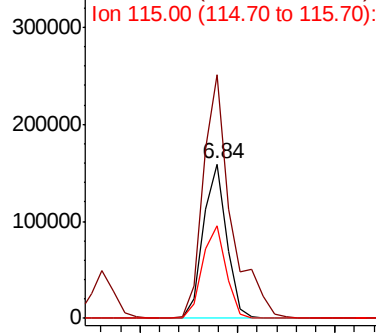


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

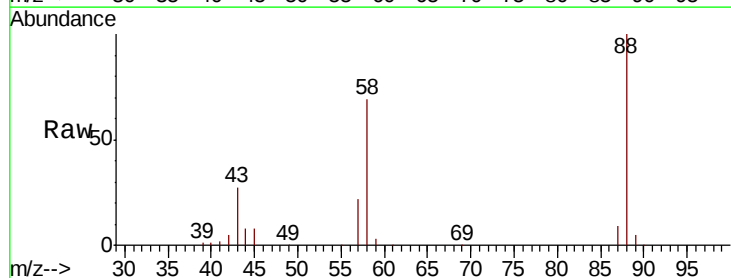
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.561 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.09 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	53.7	80.5
43	26.0	21.0	31.4

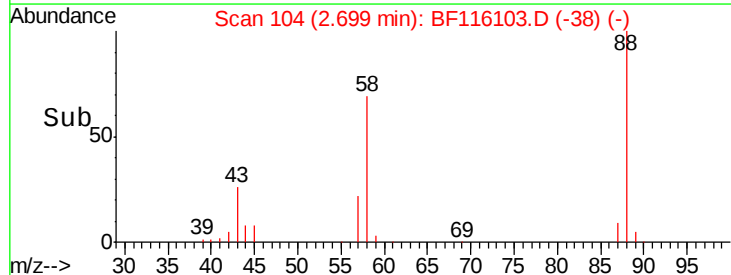
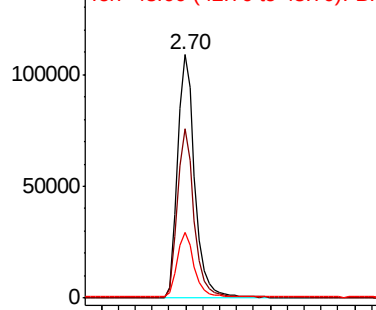


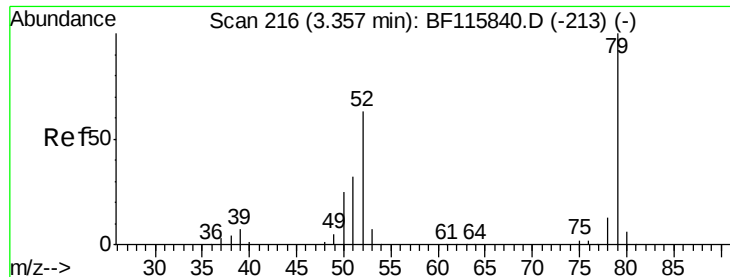
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.370 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF116103.D

Acq: 9 Aug 2019 10:37

Instrument :

BNA_F

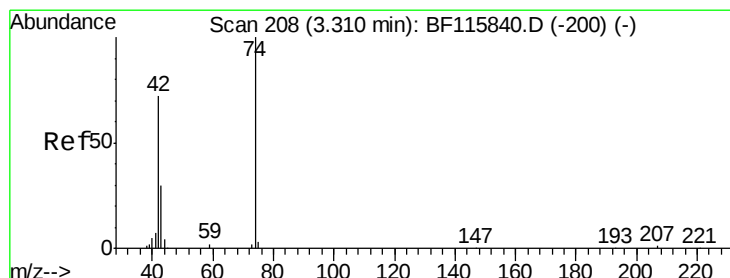
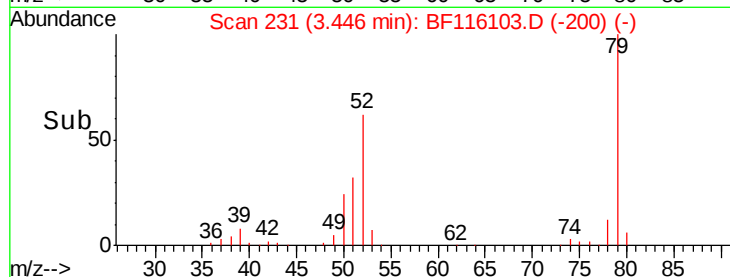
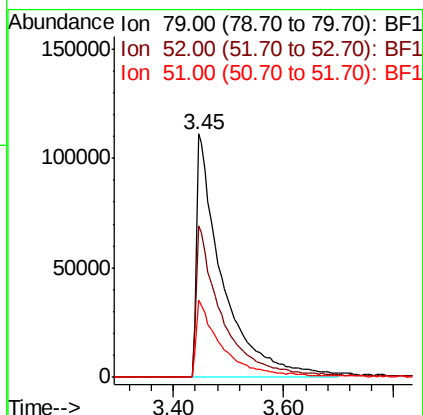
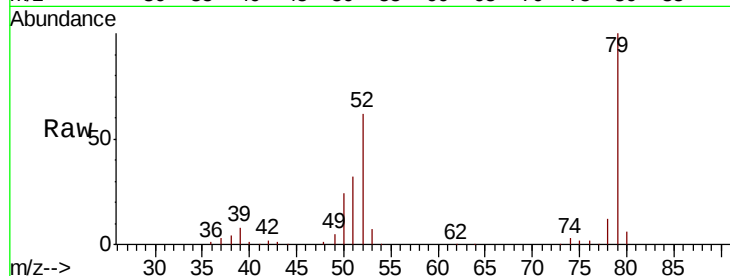
ClientSampleId :

PB122069BS

Tot Ion:	79	Resp:	359655
Ion Ratio	Lower	Upper	
79	100		
52	62.0	49.8	74.8
51	31.5	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 36.727 ng

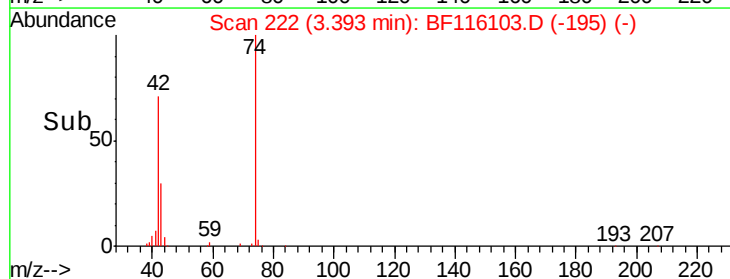
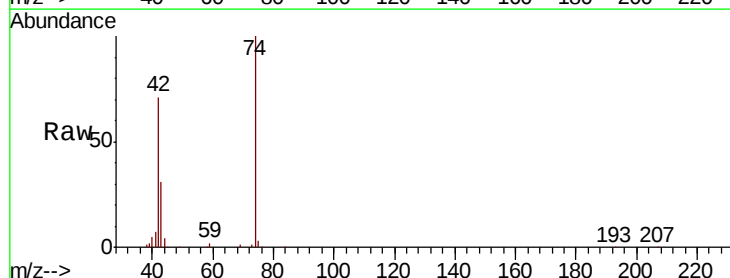
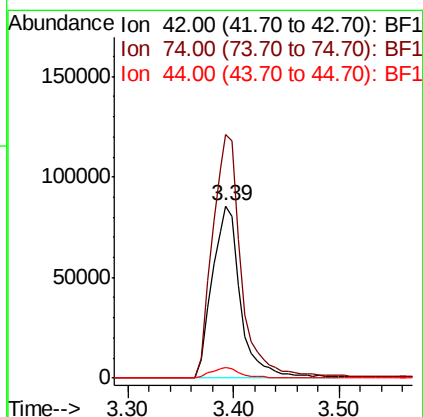
RT: 3.39 min Scan# 222

Delta R.T. 0.06 min

Lab File: BF116103.D

Acq: 9 Aug 2019 10:37

Tgt Ion:	42	Resp:	161039
Ion Ratio	Lower	Upper	
42	100		
74	141.6	116.0	174.0
44	6.2	4.6	7.0





#5

2-Fluorophenol

Concen: 111.755 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116103.D

Acq: 9 Aug 2019 10:37

Instrument :

BNA_F

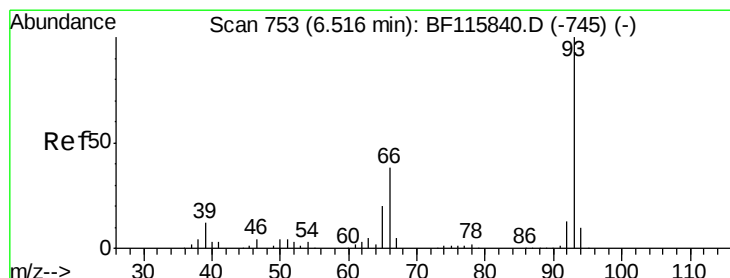
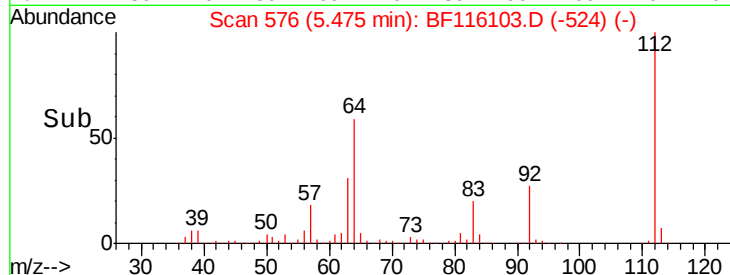
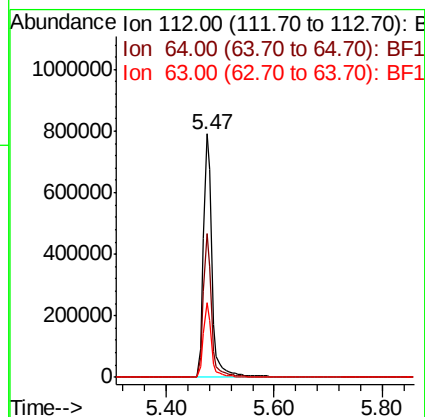
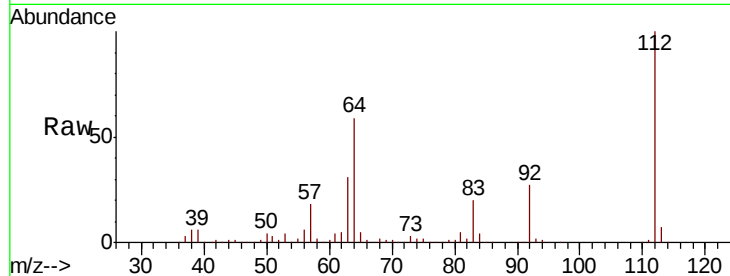
ClientSampleID :

PB122069BS

Tot Ion:	112	Resp:	879878
Ion Ratio	Lower	Upper	
112	100		
64	59.2	45.4	68.2
63	30.8	23.7	35.5

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#6

Aniline

Concen: 29.905 ng

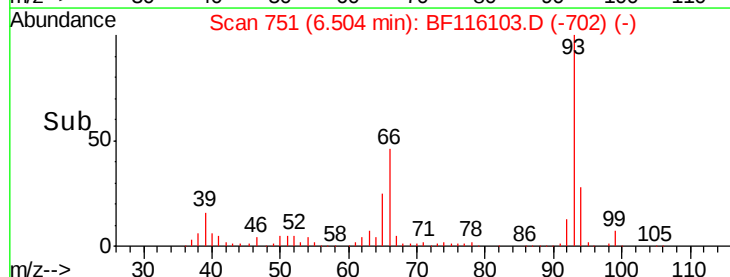
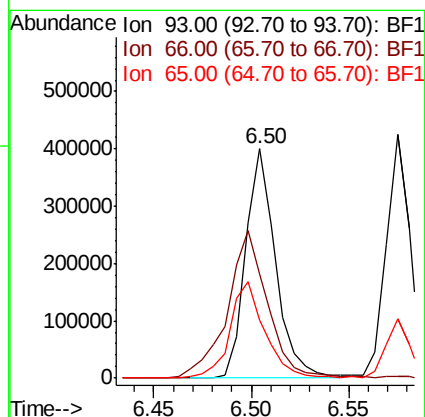
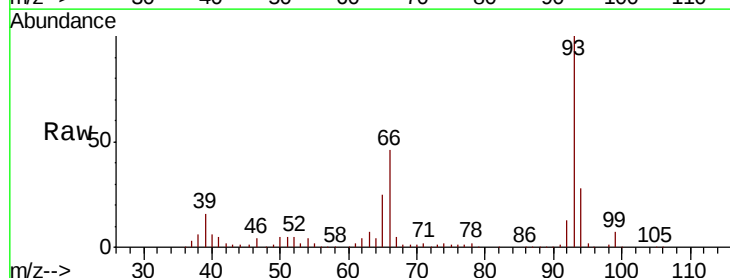
RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF116103.D

Acq: 9 Aug 2019 10:37

Tgt Ion:	93	Resp:	425426
Ion Ratio	Lower	Upper	
93	100		
66	45.5	32.2	48.4
65	25.3	17.0	25.6





#7

Phenol-d6

Concen: 110.444 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116103.D

Acq: 9 Aug 2019 10:37

Instrument :

BNA_F

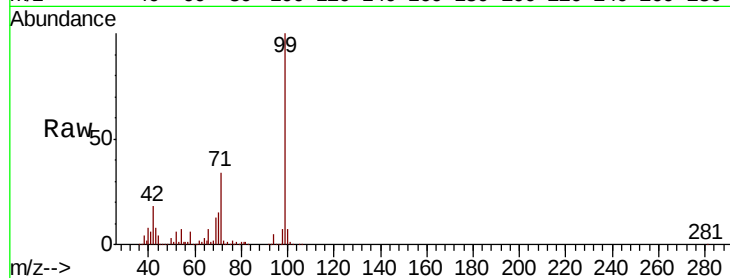
ClientSampleId :

PB122069BS

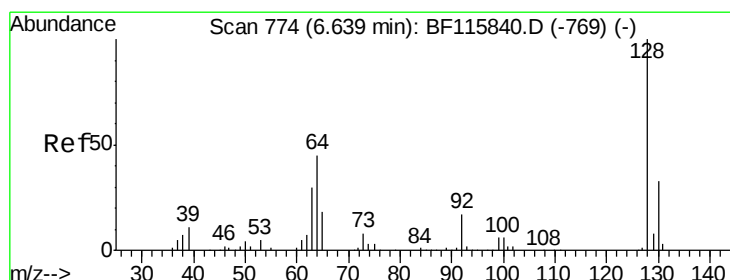
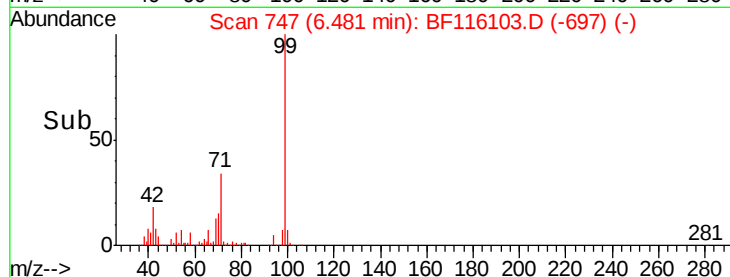
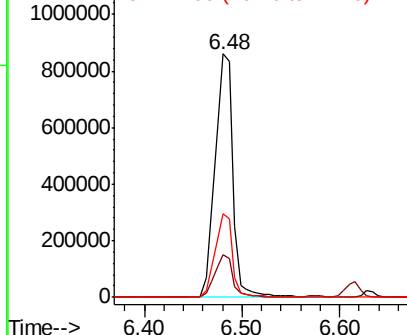
Tot Ion:	99	Resp:	1097101
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.8	20.8
71	34.3	27.3	40.9

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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: 42.599 ng

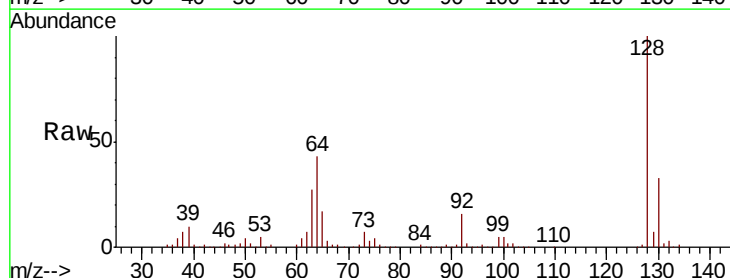
RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

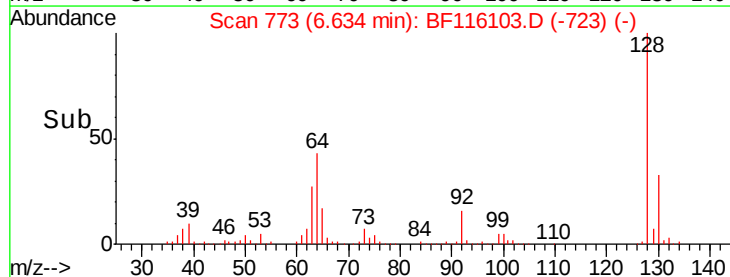
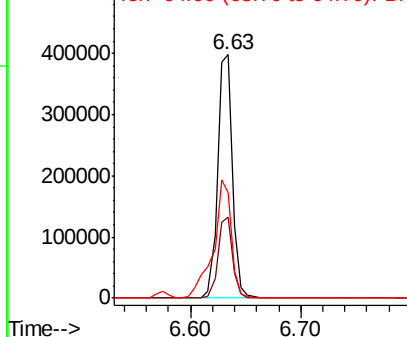
Lab File: BF116103.D

Acq: 9 Aug 2019 10:37

Tgt Ion:	128	Resp:	370876
Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.9	52.9
64	43.3	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: 21.976 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116103.D

Acq: 9 Aug 2019 10:37

Instrument :

BNA_F

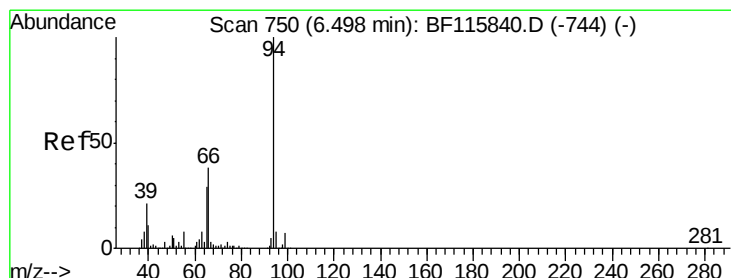
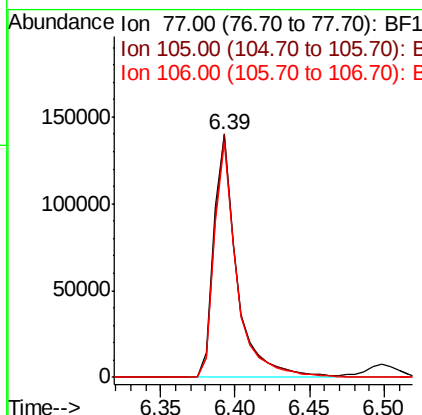
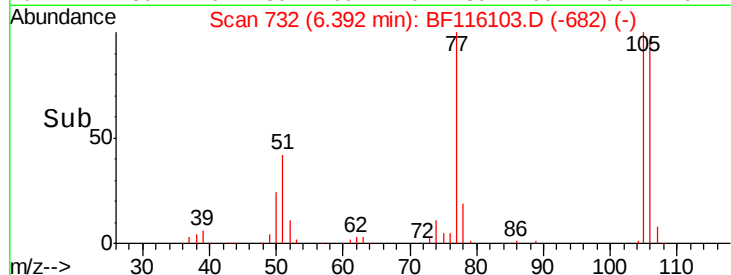
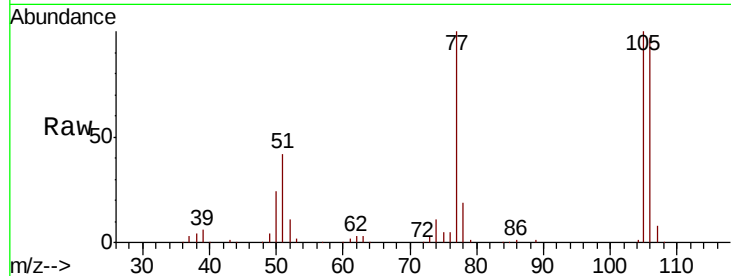
ClientSampleId :

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Tot Ion:	77	Resp:	150623
Ion	Ratio	Lower	Upper
77	100		
105	100.3	79.2	119.2
106	96.8	74.3	114.3

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#10

Phenol

Concen: 39.638 ng

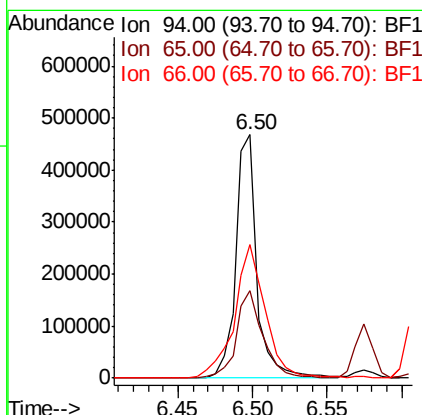
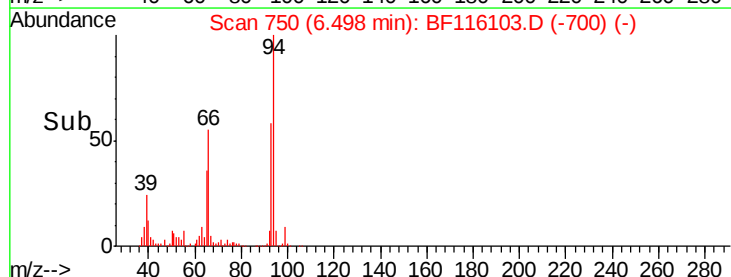
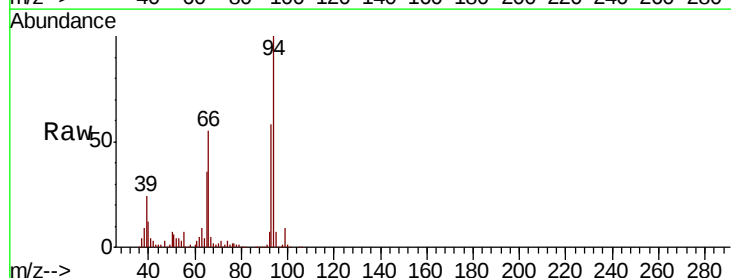
RT: 6.50 min Scan# 750

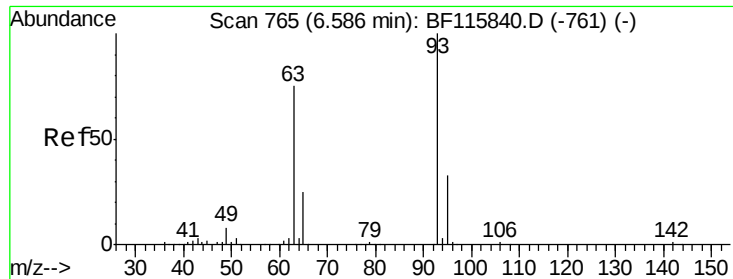
Delta R.T. -0.01 min

Lab File: BF116103.D

Acq: 9 Aug 2019 10:37

Tgt Ion:	94	Resp:	463675
Ion	Ratio	Lower	Upper
94	100		
65	36.2	16.8	56.8
66	54.8	34.2	74.2





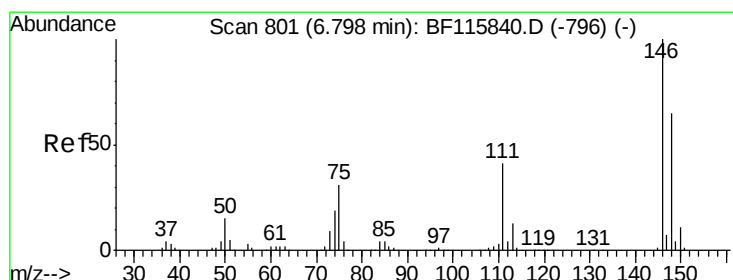
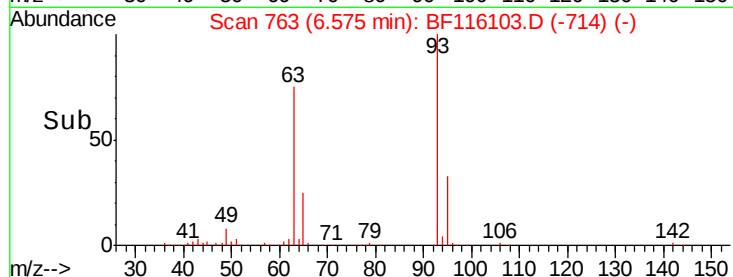
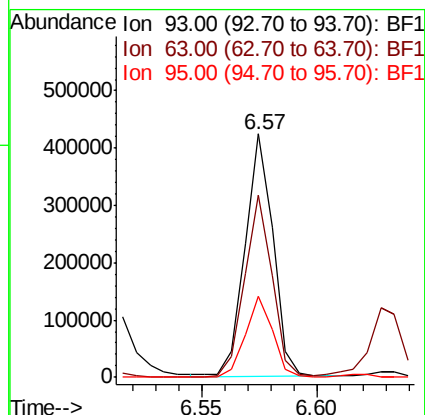
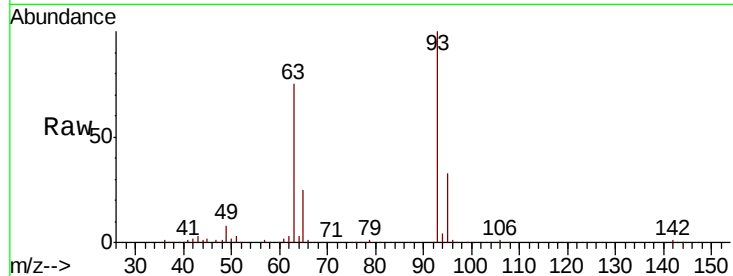
#11
bis(2-Chloroethyl)ether
Concen: 41.534 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampled :
PB122069BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.9	51.9	91.9
95	33.3	13.0	53.0

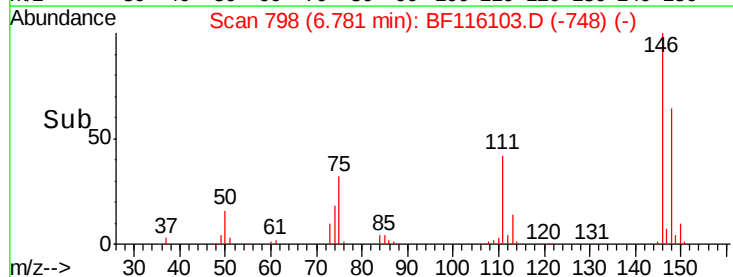
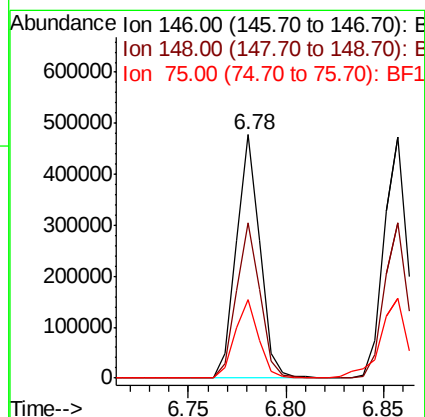
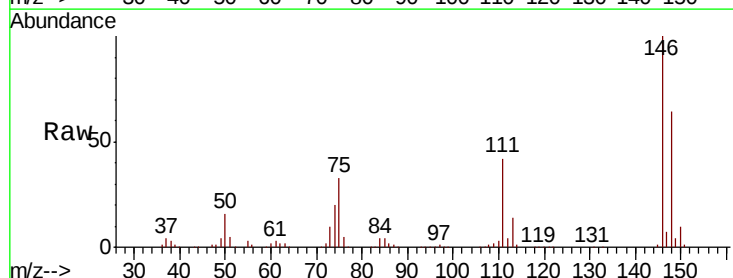
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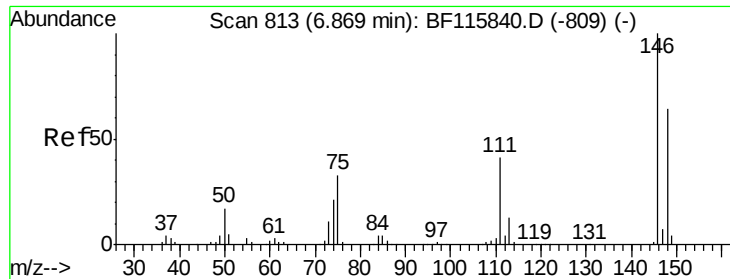
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.785 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.3	76.9
75	32.5	27.4	41.2





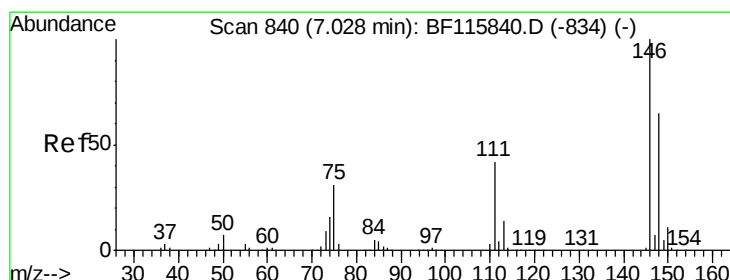
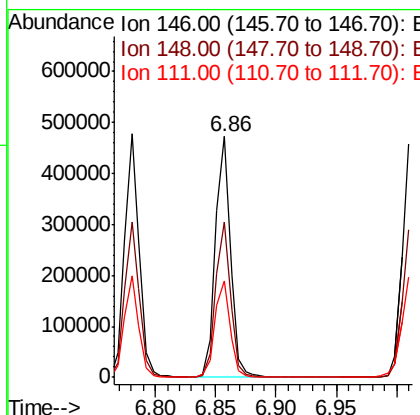
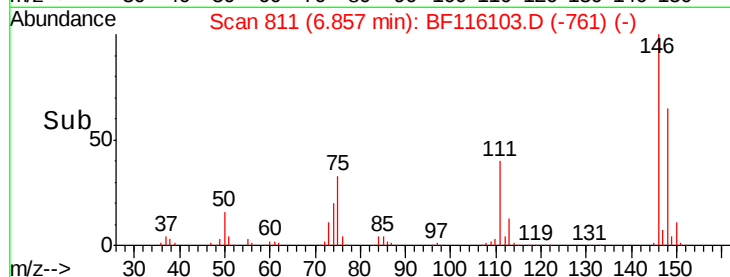
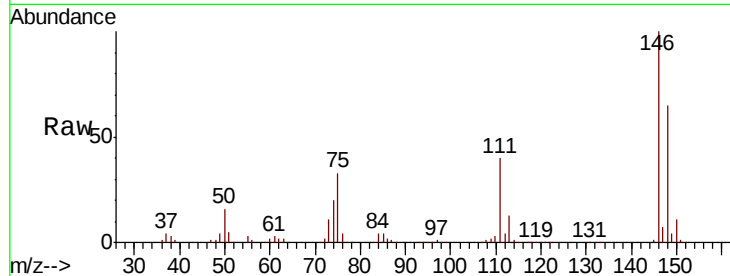
#13
 1,4-Dichlorobenzene
 Concen: 39.989 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF116103.D
 Acq: 9 Aug 2019 10:37

Instrument :
 BNA_F
 ClientSampleId :
 PB122069BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		402874		
148	64.7	51.3	76.9		
111	40.2	34.0	51.0		

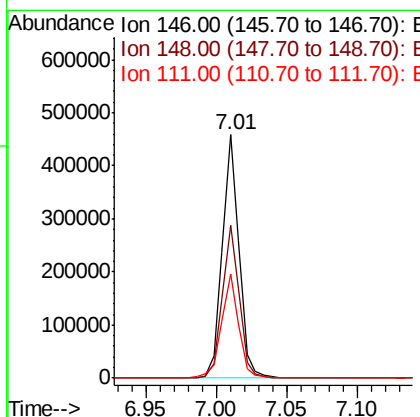
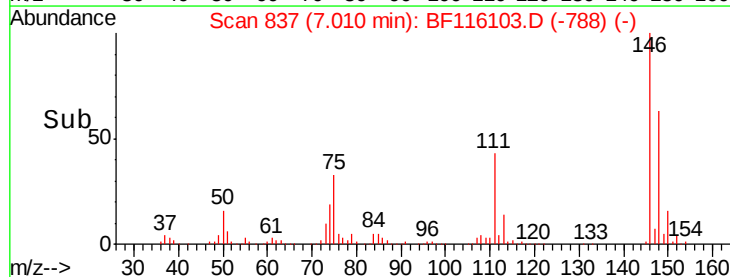
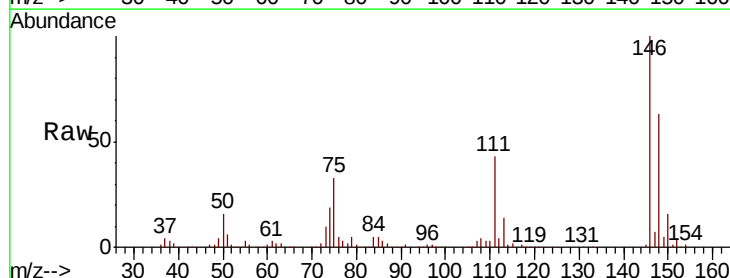
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#14
 1,2-Dichlorobenzene
 Concen: 40.593 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF116103.D
 Acq: 9 Aug 2019 10:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		376565		
148	63.0	51.2	76.8		
111	42.9	33.5	50.3		





#15

Benzyl Alcohol

Concen: 40.980 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF116103.D

Acq: 9 Aug 2019 10:37

Instrument :

BNA_F

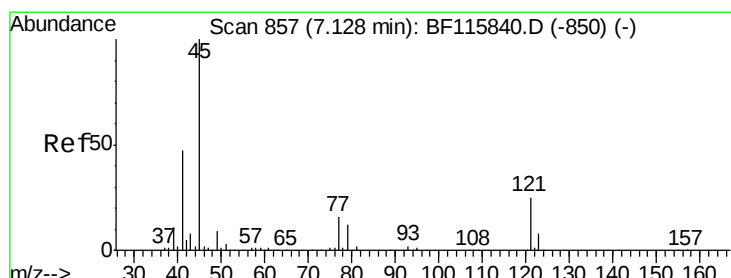
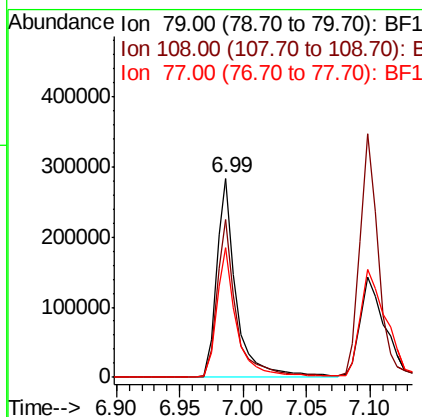
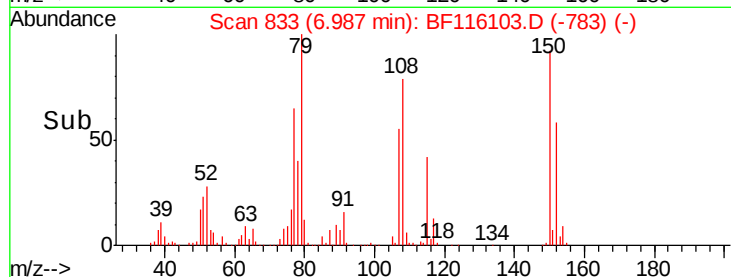
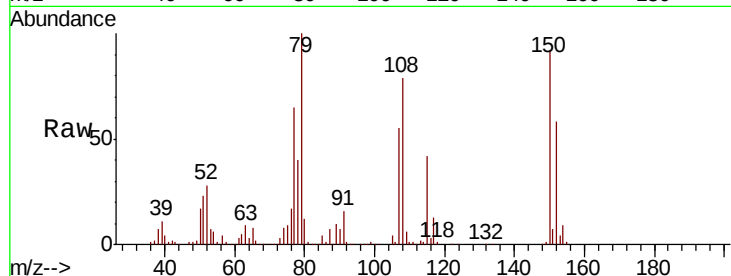
ClientSampleId :

PB122069BS

Tot Ion:	79	Resp:	308929
Ion	Ratio	Lower	Upper
79	100		
108	79.3	62.7	94.1
77	65.4	52.2	78.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.185 ng

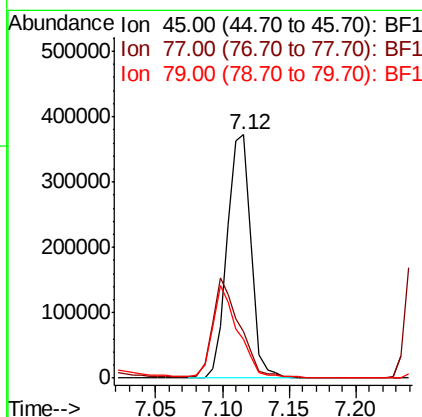
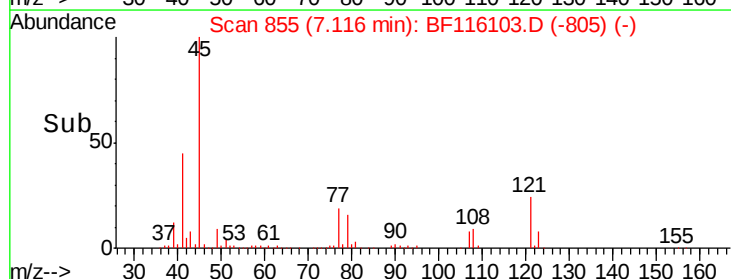
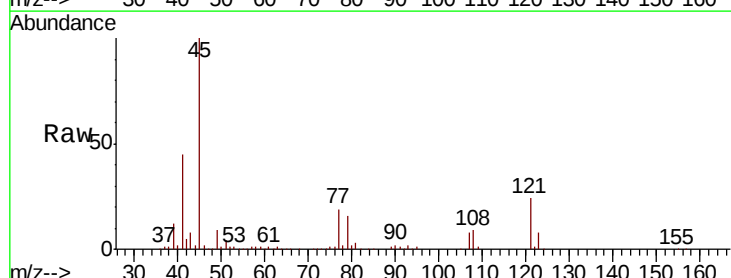
RT: 7.12 min Scan# 855

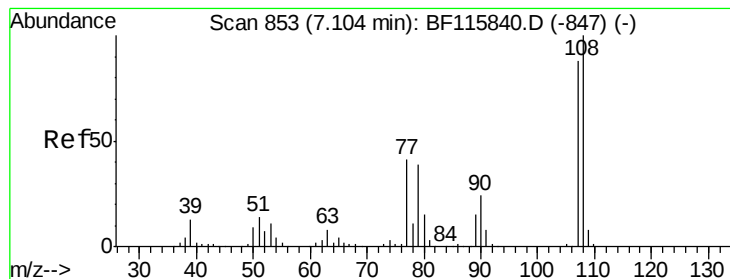
Delta R.T. -0.01 min

Lab File: BF116103.D

Acq: 9 Aug 2019 10:37

Tgt Ion:	45	Resp:	471403
Ion	Ratio	Lower	Upper
45	100		
77	19.2	0.0	40.0
79	15.7	0.0	35.9





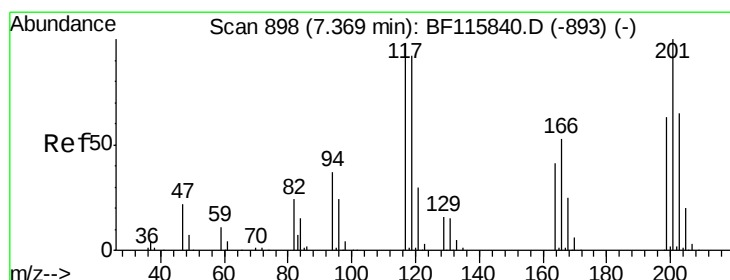
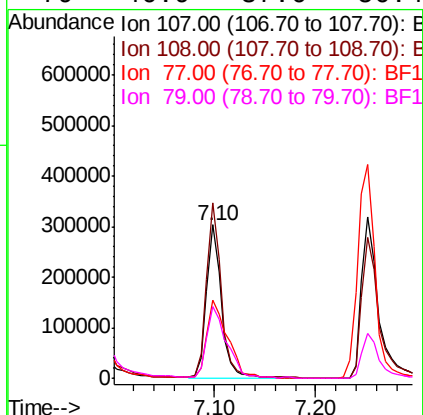
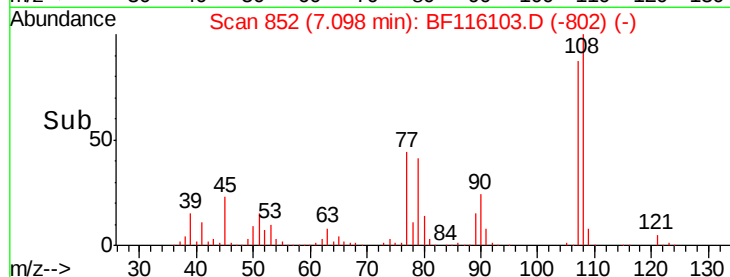
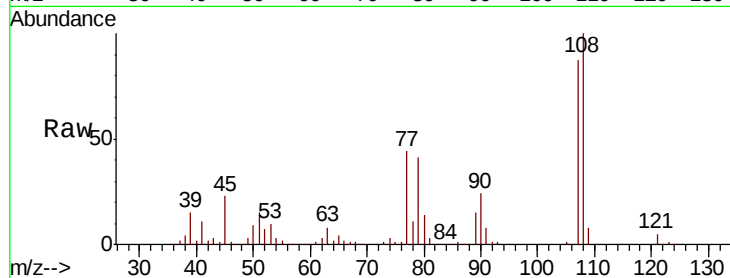
#17
2-Methylphenol
Concen: 41.929 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampleId :
PB122069BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	91.2	136.8	
77	50.6	40.3	60.5	
79	46.9	37.6	56.4	

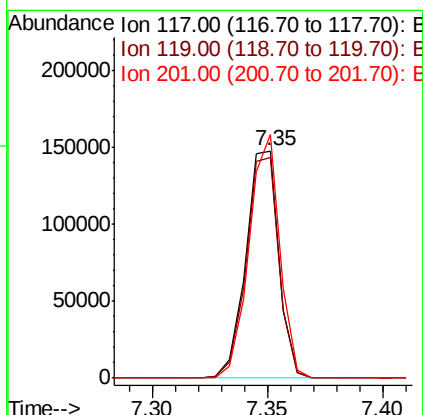
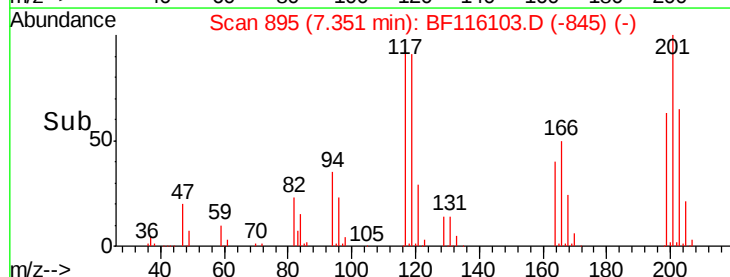
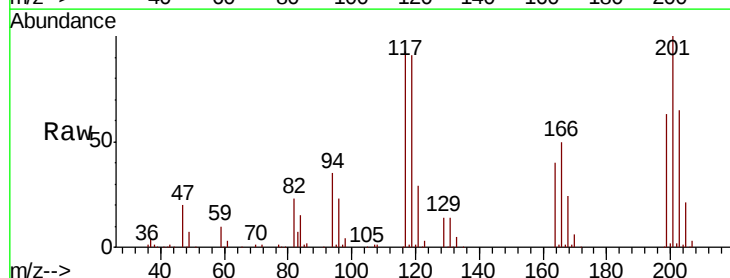
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#18
Hexachloroethane
Concen: 39.818 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	76.1	114.1	
201	107.0	77.0	115.4	





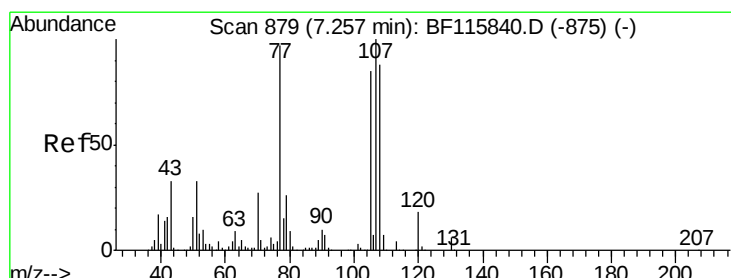
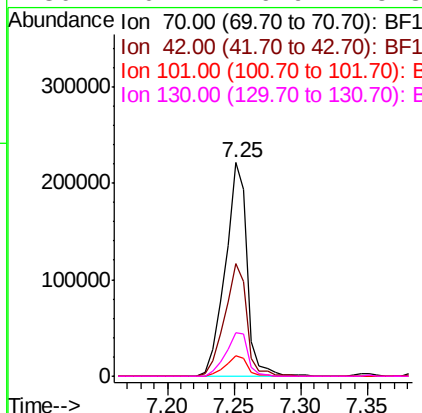
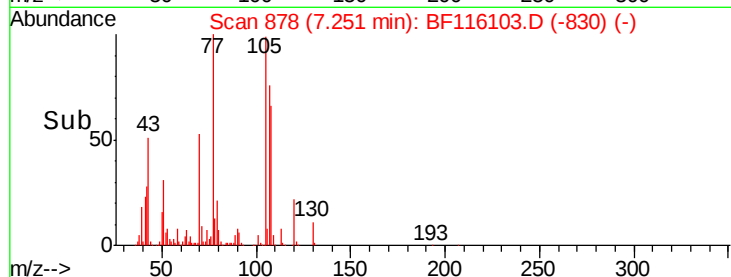
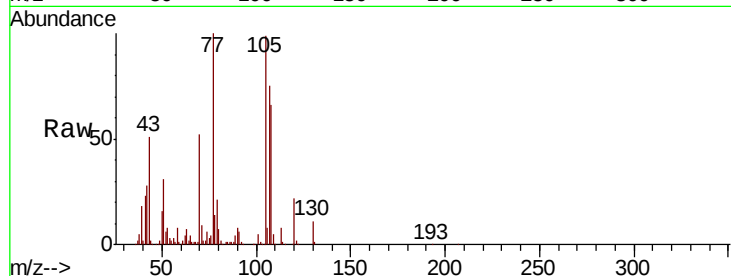
#19
n-Nitroso-di-n-propylamine
Concen: 41.483 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampleId :
PB122069BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		255353		
42	53.0	40.9	61.3		
101	9.7	7.9	11.9		
130	20.4	16.9	25.3		

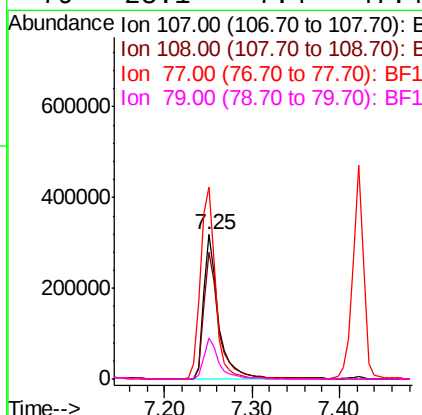
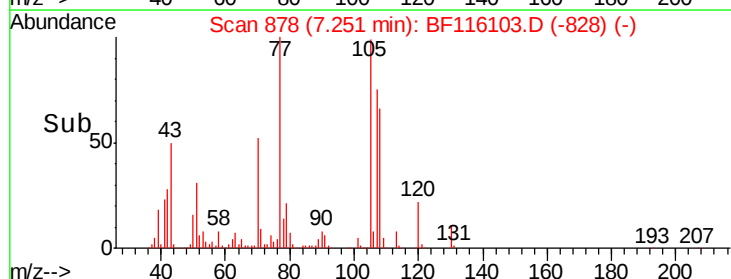
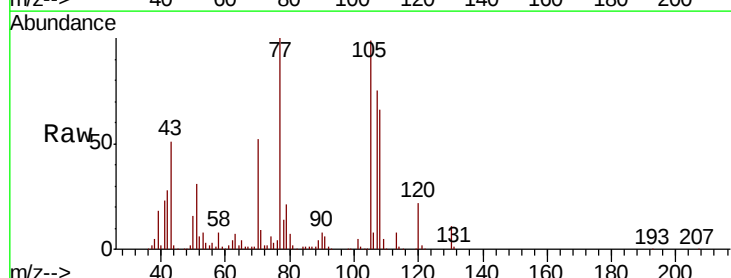
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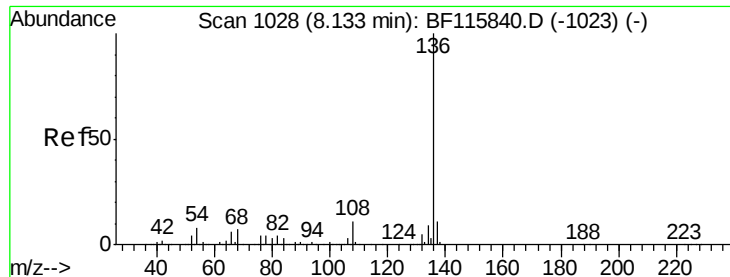
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#20
3+4-Methylphenols
Concen: 43.066 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		375704		
108	87.6	67.6	107.6		
77	132.5	104.4	144.4		
79	28.1	7.4	47.4		





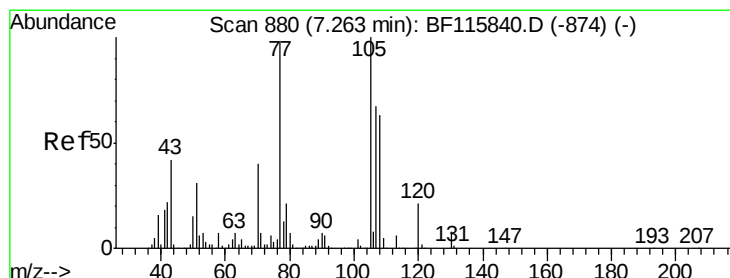
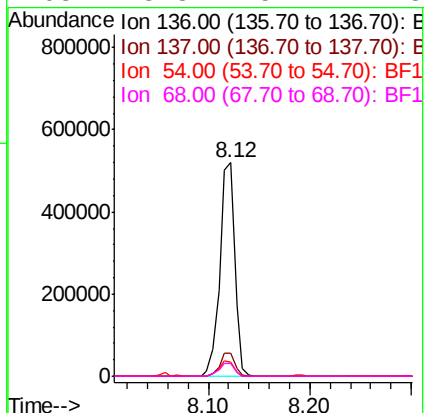
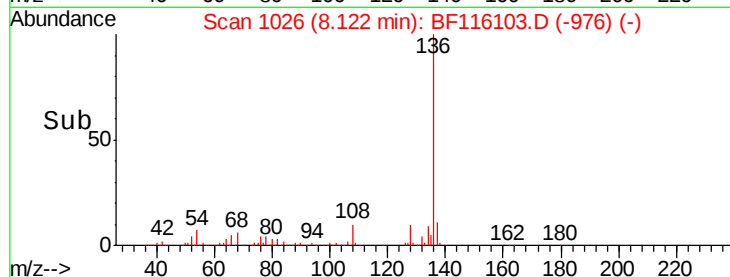
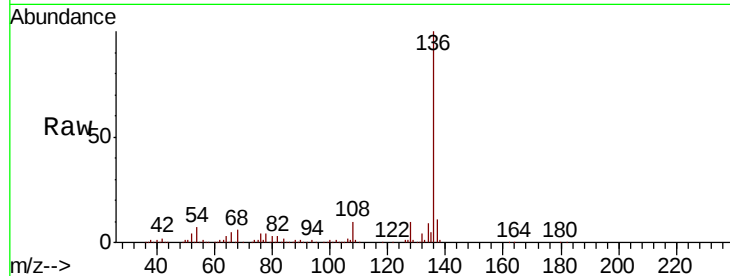
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampleId :
PB122069BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	533780		
137	10.8		9.0	13.4
54	6.5		5.8	8.6
68	5.8		5.2	7.8

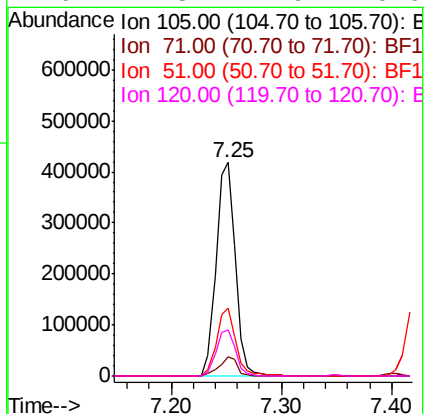
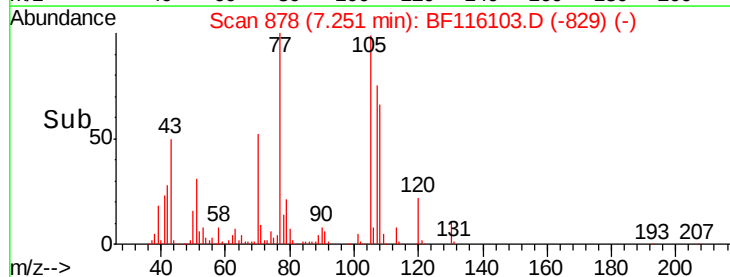
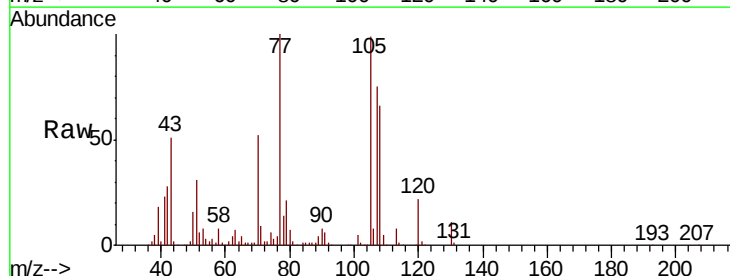
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#22
Acetophenone
Concen: 42.871 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	501875		
71	8.8		5.9	8.9
51	31.7		25.3	37.9
120	21.8		17.9	26.9





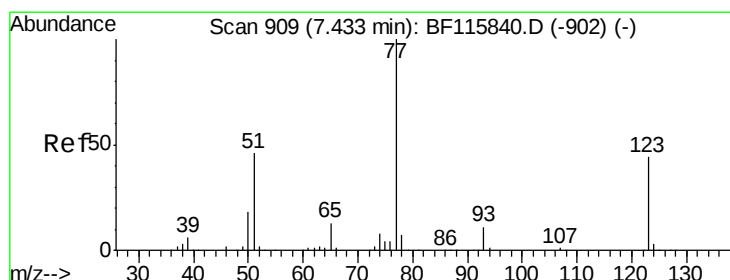
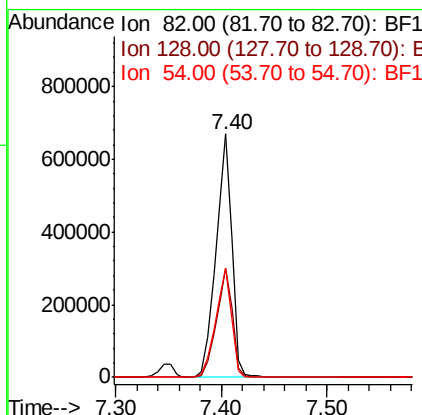
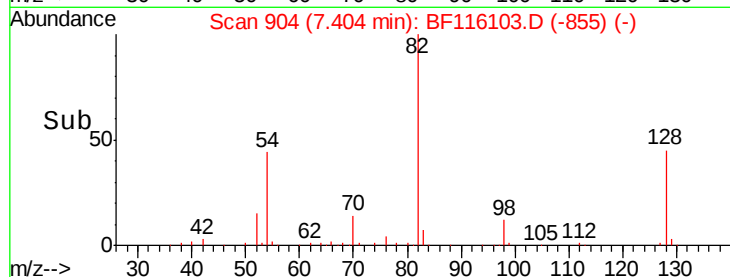
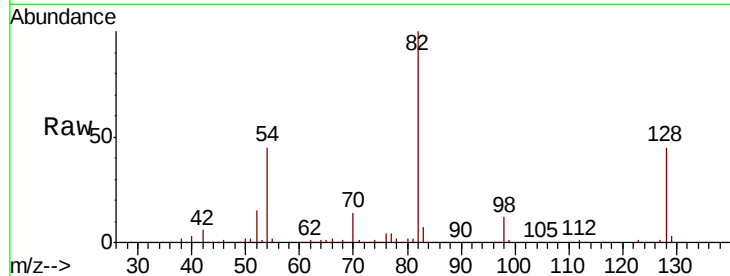
#23
Nitrobenzene-d5
Concen: 77.779 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampleId :
PB122069BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.5	54.7
54	44.6	36.0	54.0

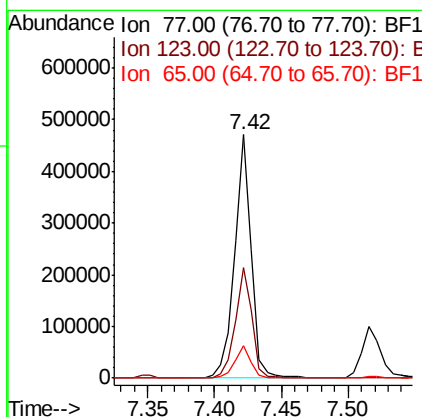
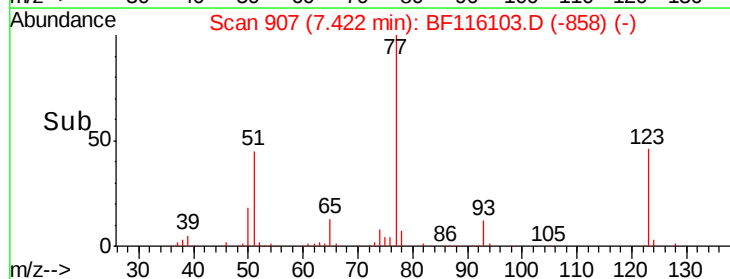
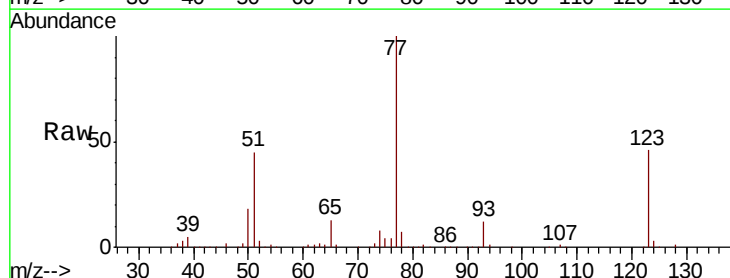
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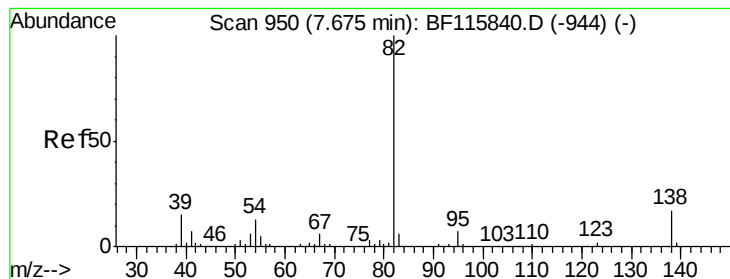
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#24
Nitrobenzene
Concen: 40.998 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	36.7	55.1
65	13.3	10.6	16.0





#25

Isophorone

Concen: 41.629 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116103.D

Acq: 9 Aug 2019 10:37

Instrument :

BNA_F

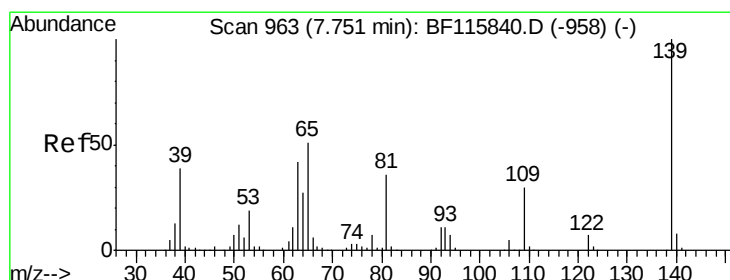
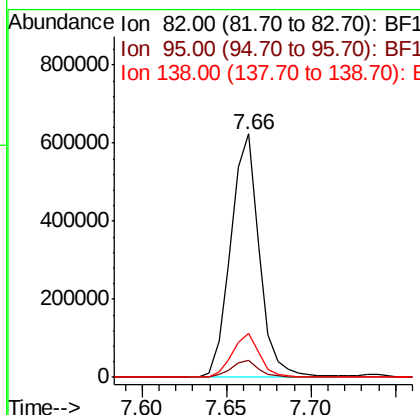
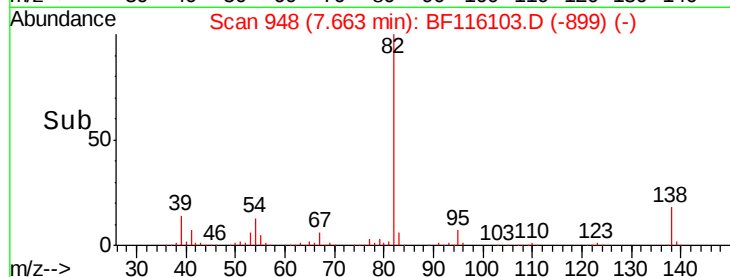
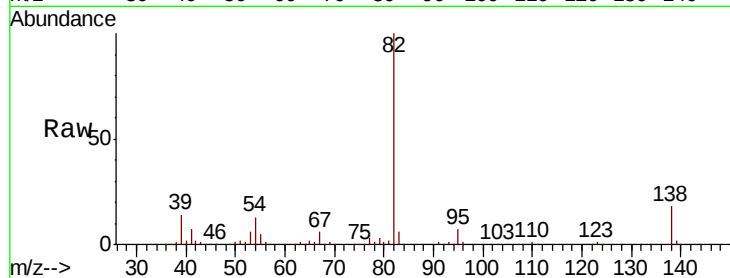
ClientSampleId :

PB122069BS

Tot Ion:	82	Resp:	736094
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.0
138	18.2	14.5	21.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.479 ng

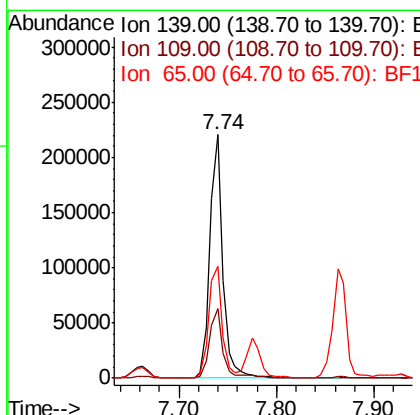
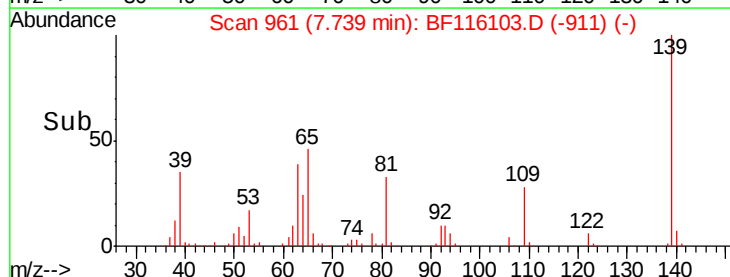
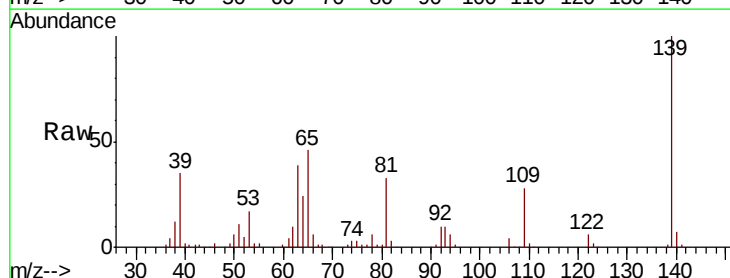
RT: 7.74 min Scan# 961

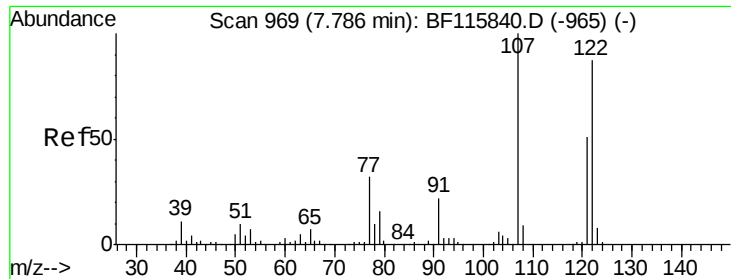
Delta R.T. -0.01 min

Lab File: BF116103.D

Acq: 9 Aug 2019 10:37

Tgt Ion:	139	Resp:	204642
Ion Ratio	Lower	Upper	
139	100		
109	28.4	23.4	35.2
65	45.9	41.1	61.7





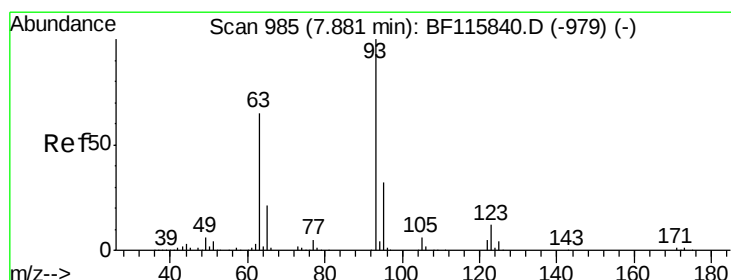
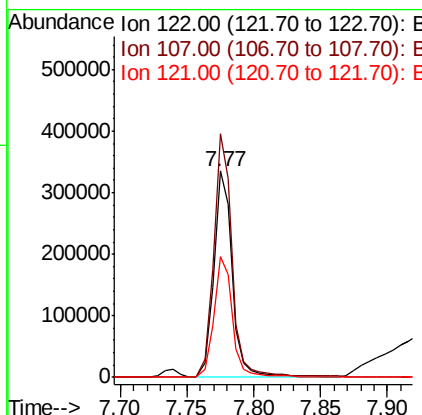
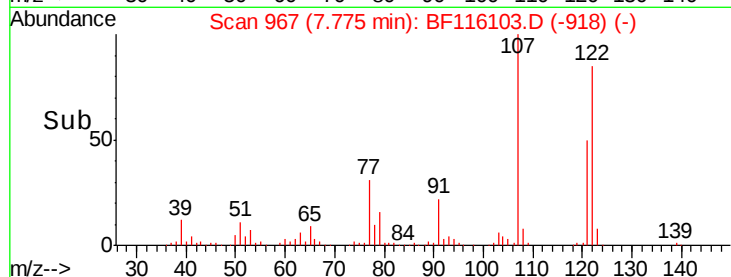
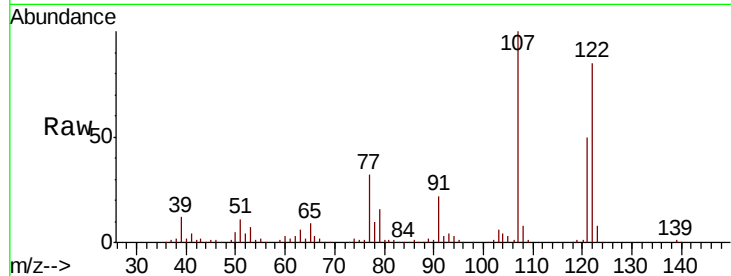
#27
2,4-Dimethylphenol
Concen: 46.277 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampled :
PB122069BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	327695		
107	117.9	93.0	139.6	
121	58.6	47.6	71.4	

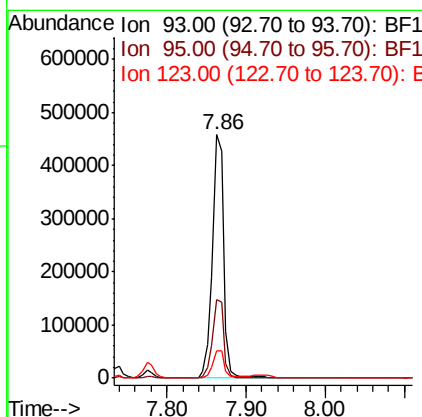
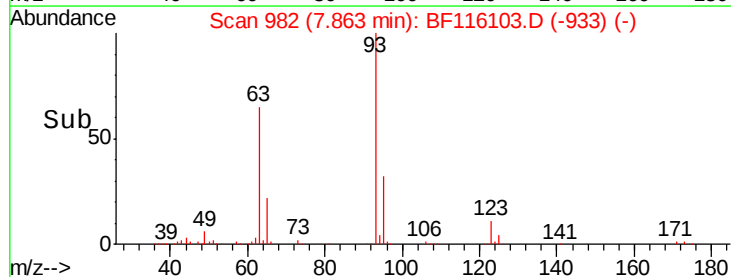
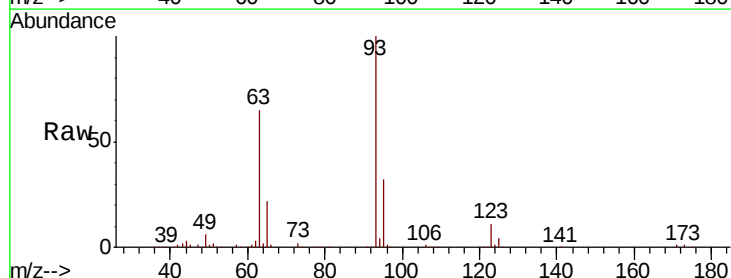
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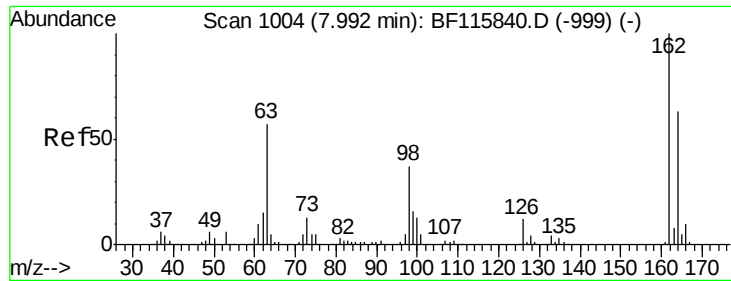
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#28
bis(2-Chloroethoxy)methane
Concen: 41.371 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	453408		
95	32.2	26.2	39.4	
123	11.1	9.2	13.8	





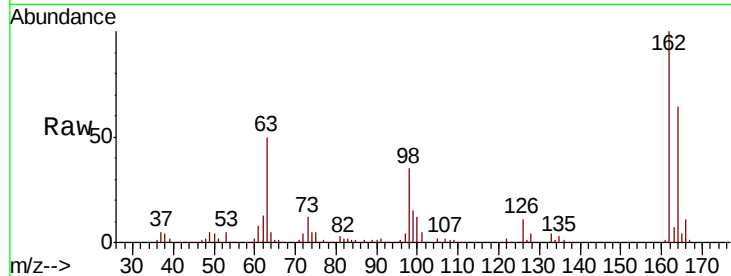
#29
2,4-Dichlorophenol
Concen: 42.818 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampleId :
PB122069BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.2	45.1	85.1
98	34.9	15.8	55.8

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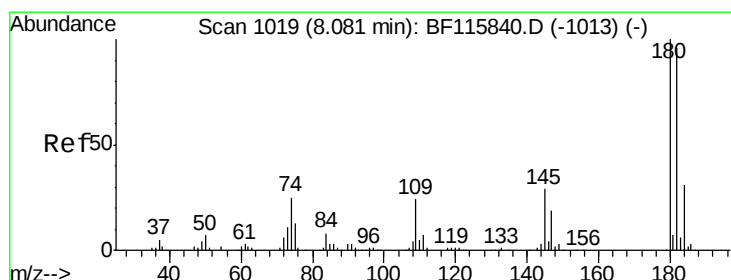
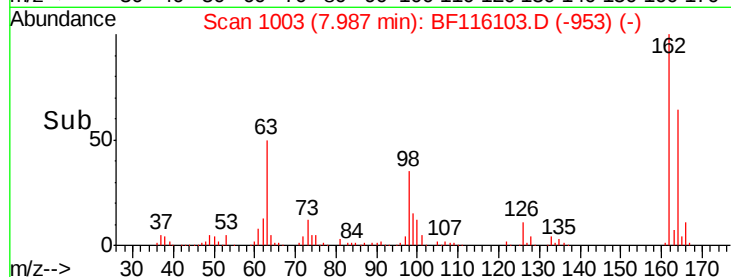
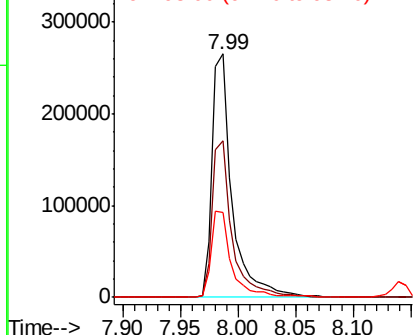


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.836 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

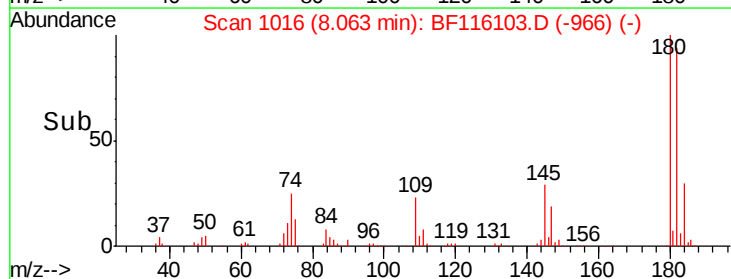
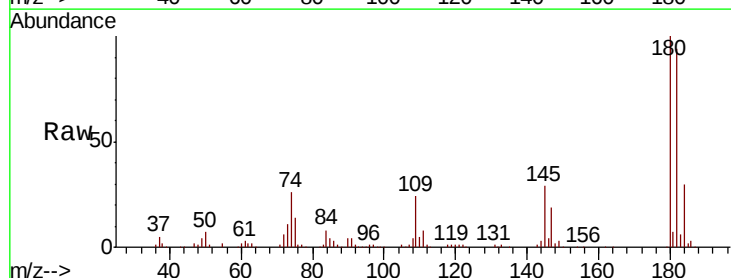
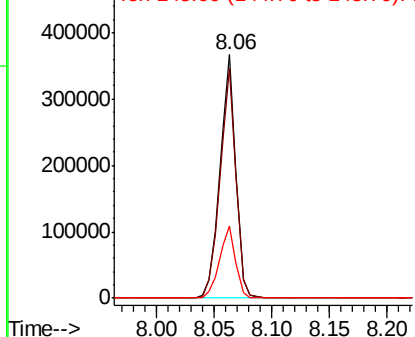
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.0	75.7	113.5
145	29.4	24.3	36.5

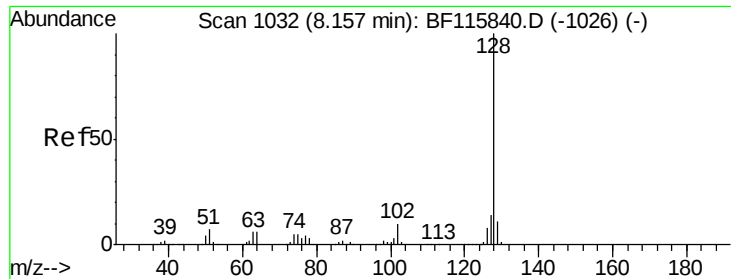
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





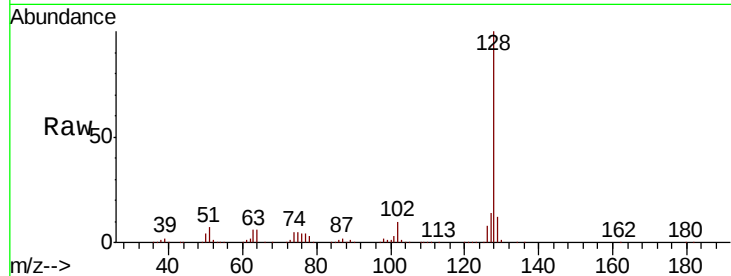
#31
Naphthalene
Concen: 42.189 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampled :
PB122069BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.6	11.4	17.0

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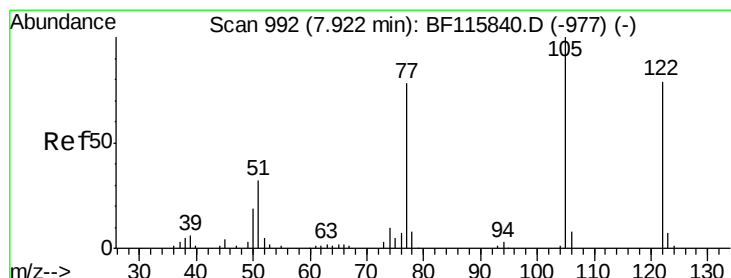
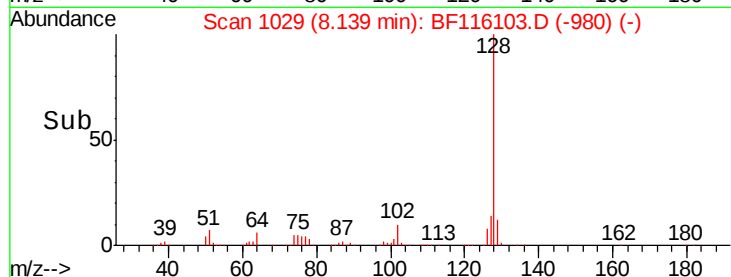
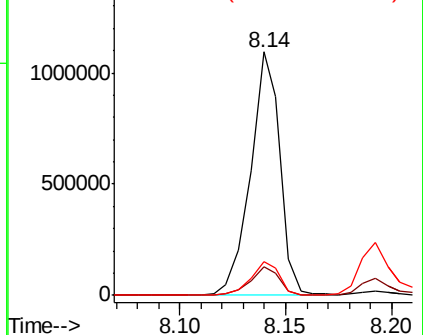


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.296 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

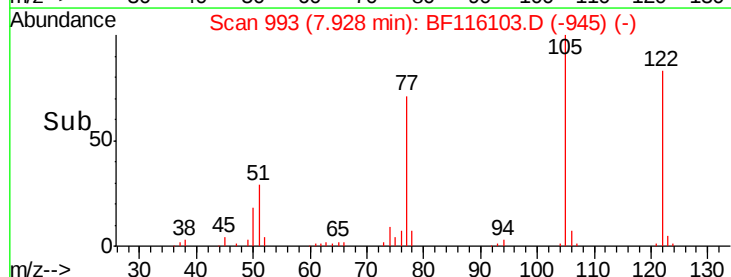
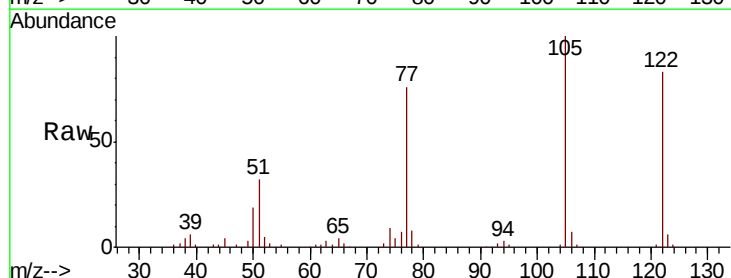
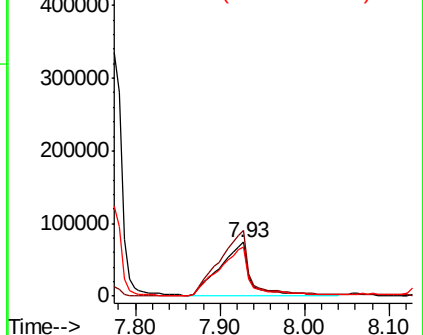
Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.8	106.1	146.1
77	91.2	76.7	116.7

Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





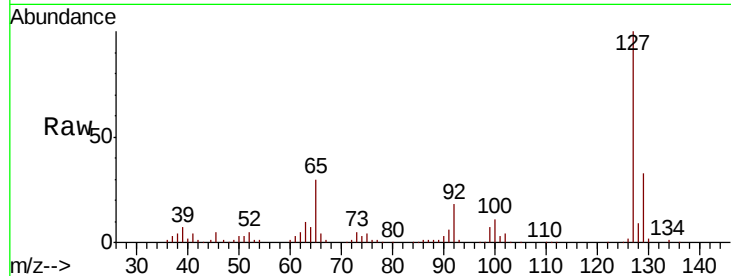
#33
4-Chloroaniline
Concen: 24.453 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampleId :
PB122069BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		274438		
129	32.8	26.1	39.1		
65	29.5	24.9	37.3		
92	18.4	15.7	23.5		

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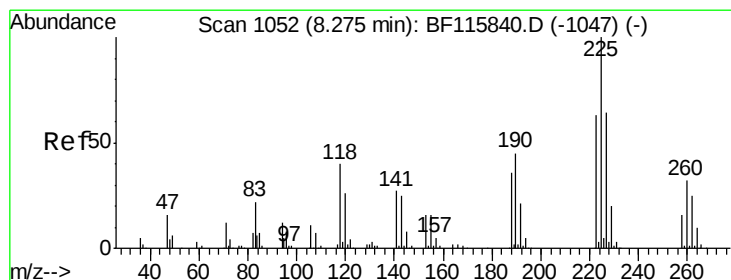
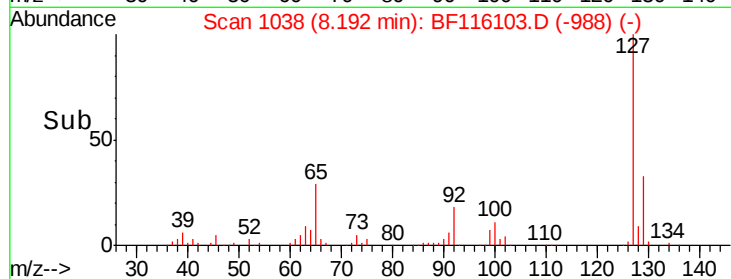
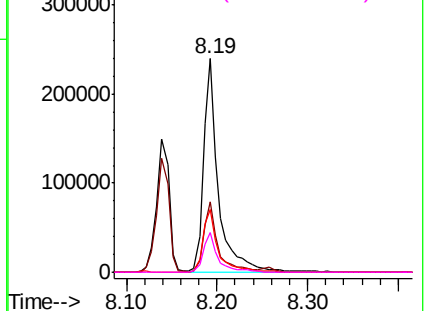
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

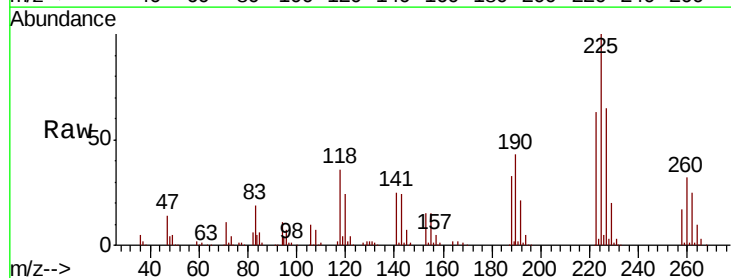
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.991 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		196320		
223	62.8	50.0	75.0		
227	64.9	51.0	76.4		

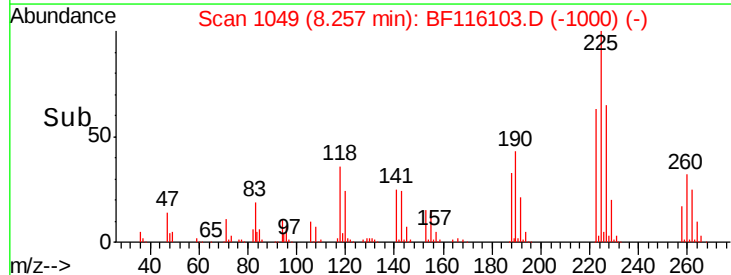
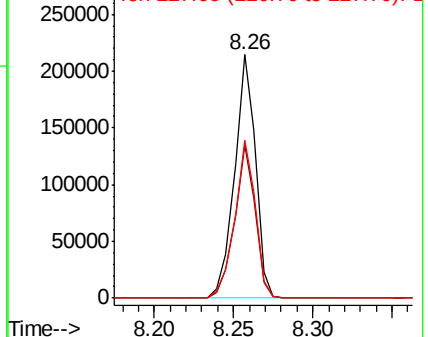


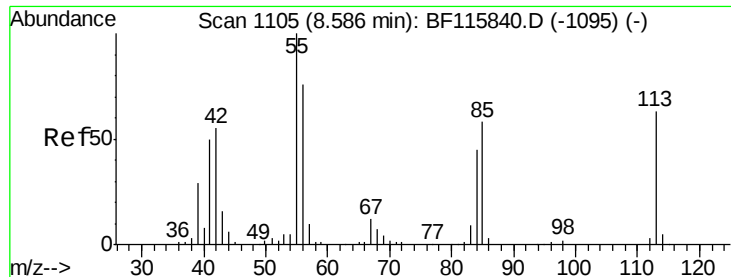
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.627 ng/mL

RT: 8.56 min Scan# 1101

Delta R.T. -0.03 min

Lab File: BF116103.D

Acq: 9 Aug 2019 10:37

Instrument :

BNA_F

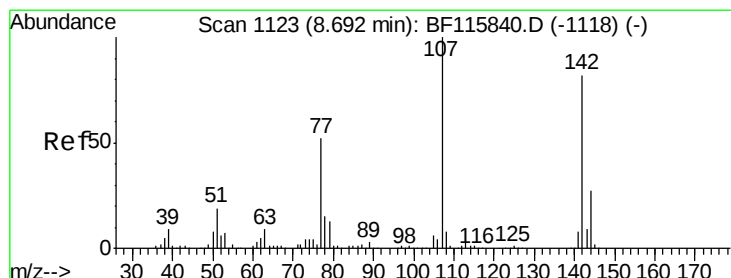
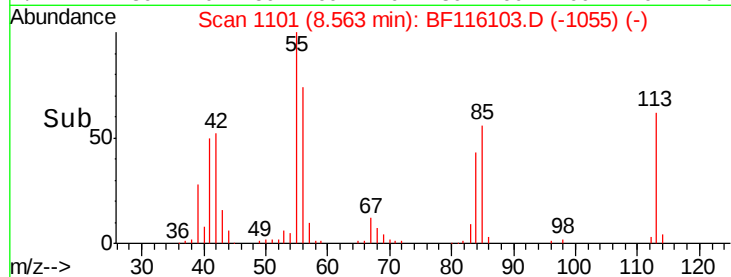
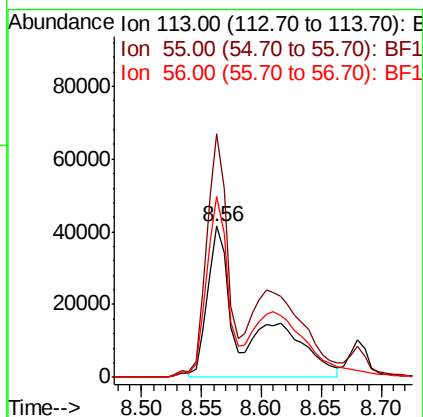
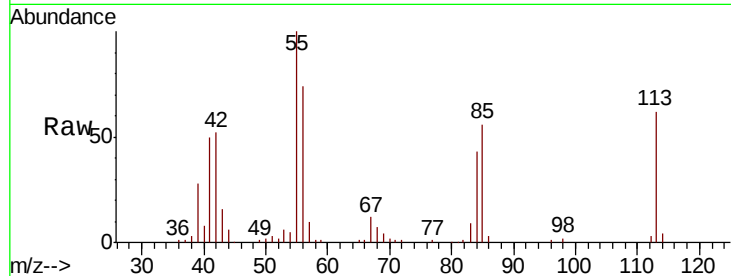
ClientSampleID :

PB122069BS

Tot Ion:	113	Resp:	95824
Ion	Ratio	Lower	Upper
113	100		
55	161.3	144.3	184.3
56	119.8	97.1	137.1

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#36

4-Chloro-3-methylphenol

Concen: 42.158 ng/mL

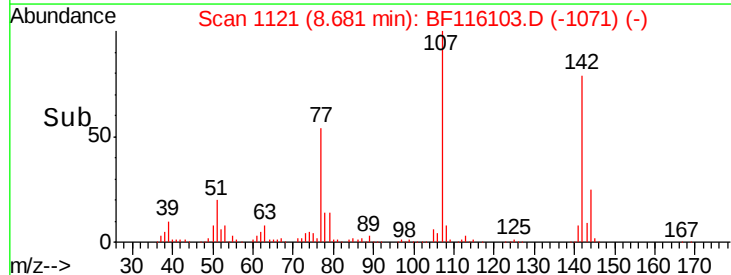
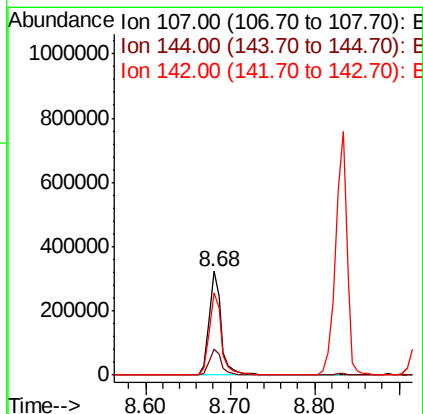
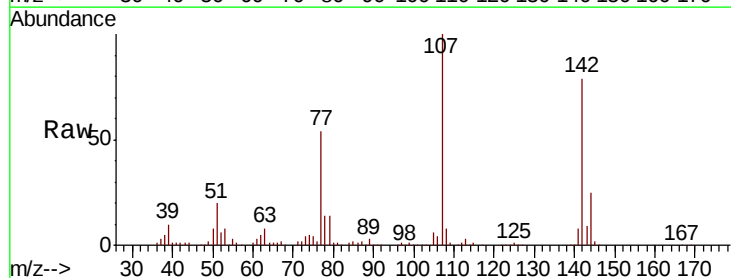
RT: 8.68 min Scan# 1121

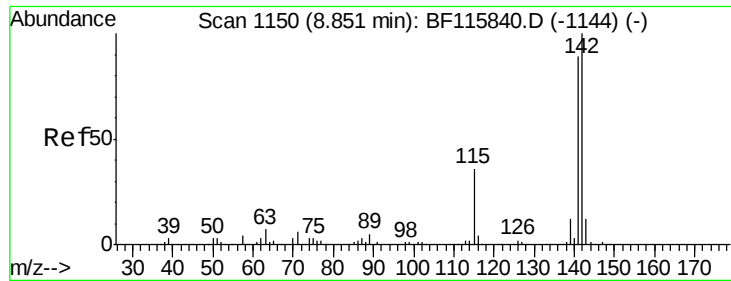
Delta R.T. -0.01 min

Lab File: BF116103.D

Acq: 9 Aug 2019 10:37

Tgt Ion:	107	Resp:	327913
Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.2	30.2
142	79.3	61.7	92.5





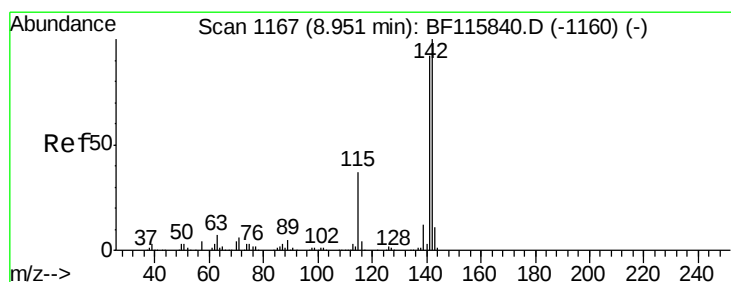
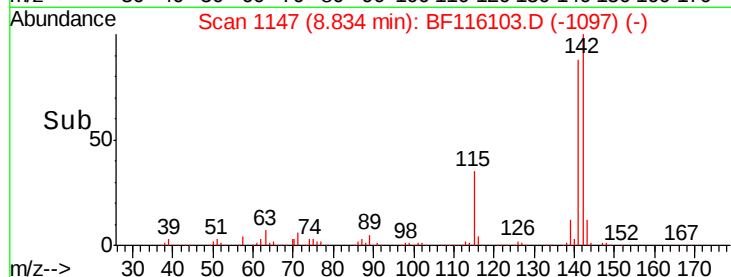
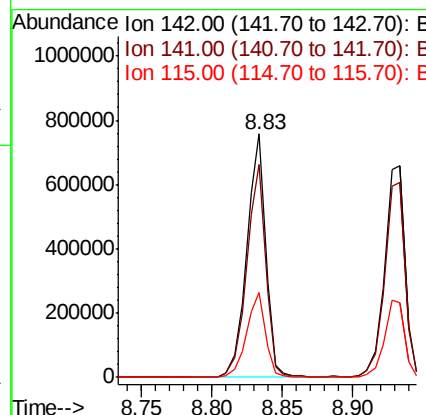
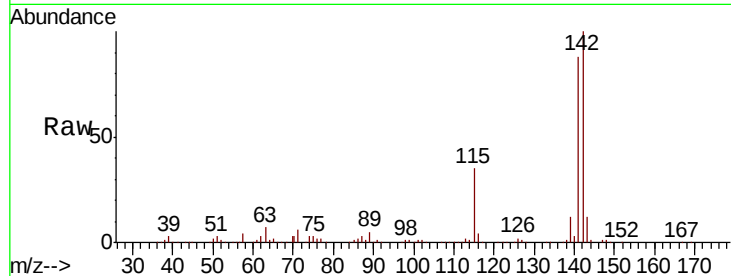
#37
2-Methylnaphthalene
Concen: 42.641 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampled :
PB122069BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.9	106.3
115	34.9	29.0	43.6

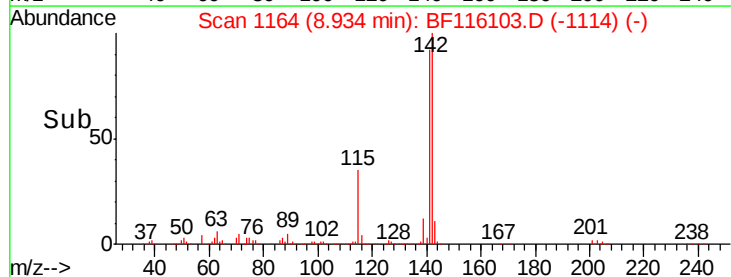
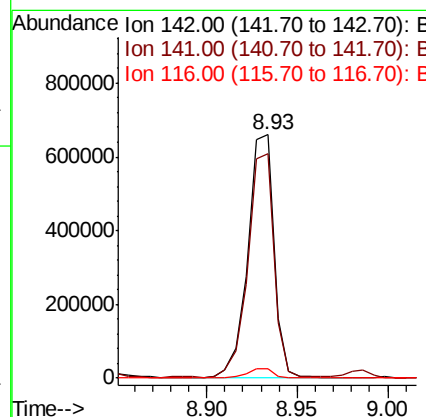
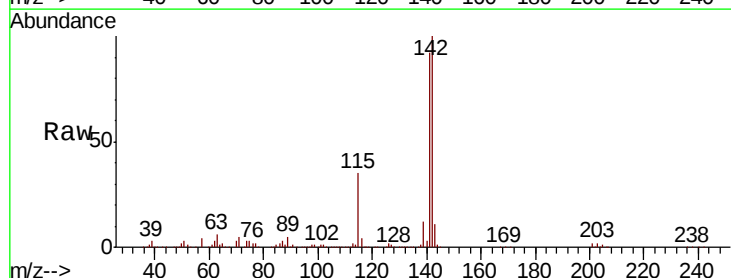
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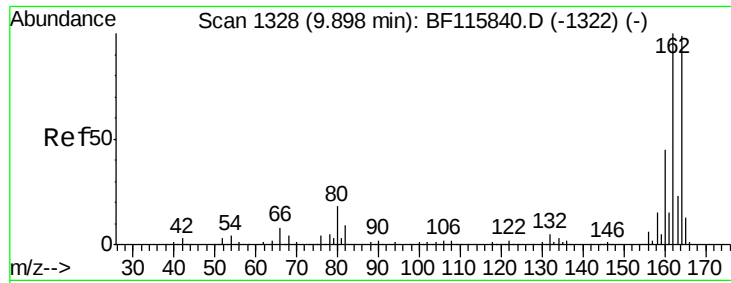
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#38
1-Methylnaphthalene
Concen: 42.123 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.4	111.6
116	3.7	3.1	4.7





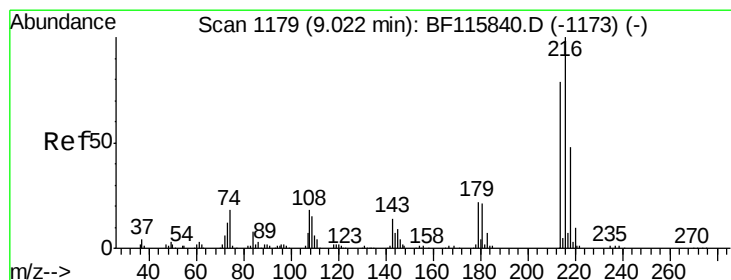
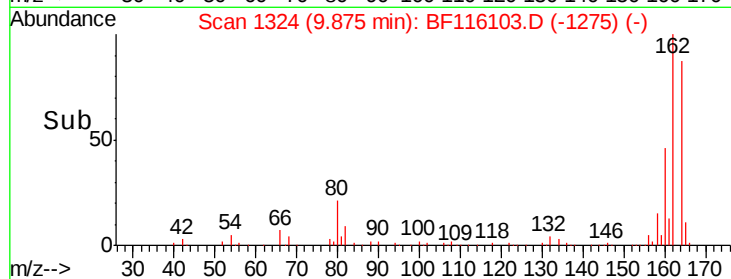
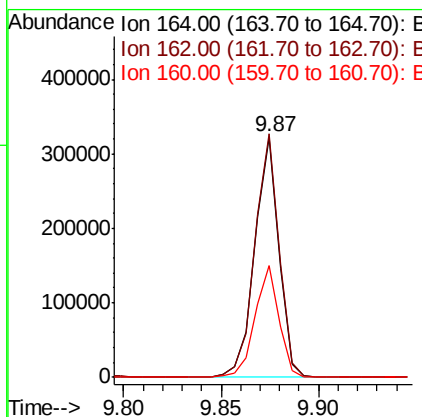
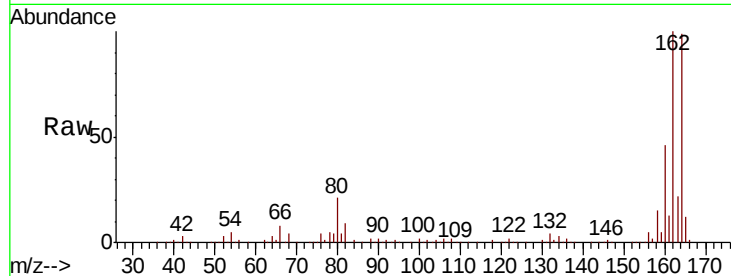
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampleId :
PB122069BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.5	82.6	124.0	
160	46.6	37.6	56.4	

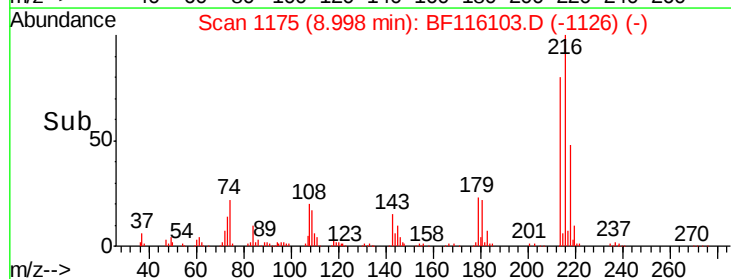
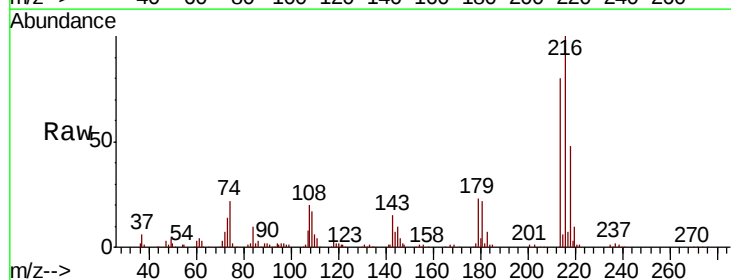
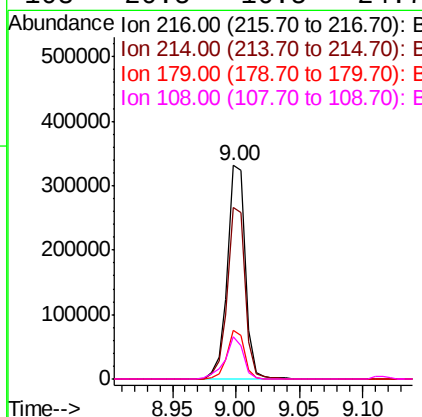
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.739 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.1	63.6	95.4	
179	22.0	17.8	26.8	
108	20.5	16.5	24.7	





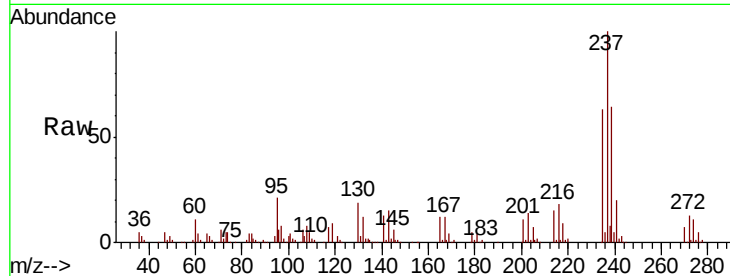
#41
Hexachlorocyclopentadiene
Concen: 46.407 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampleId :
PB122069BS

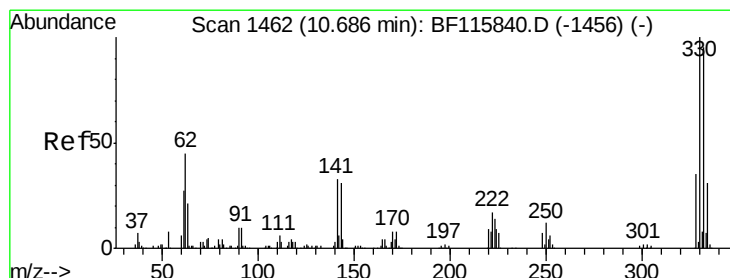
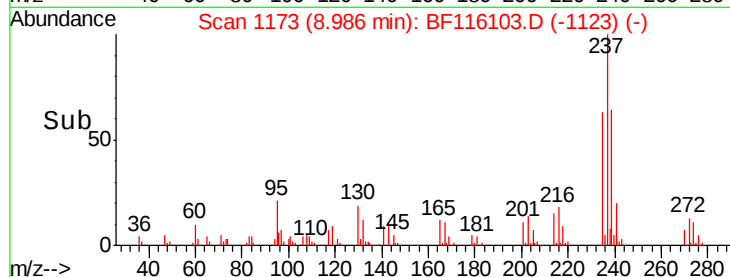
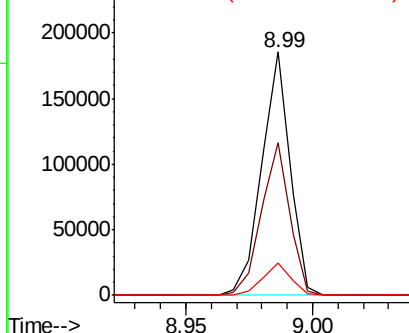
Tot Ion:	237	Resp:	145518
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.4	83.4
272	13.1	0.0	33.2

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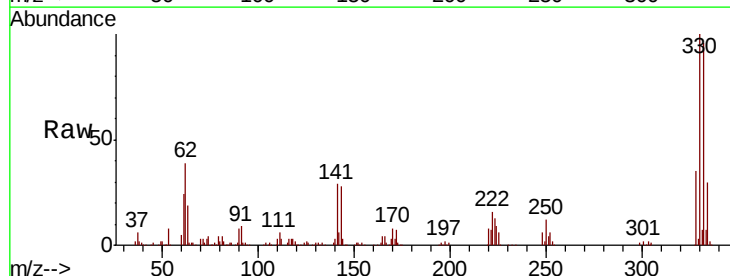


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

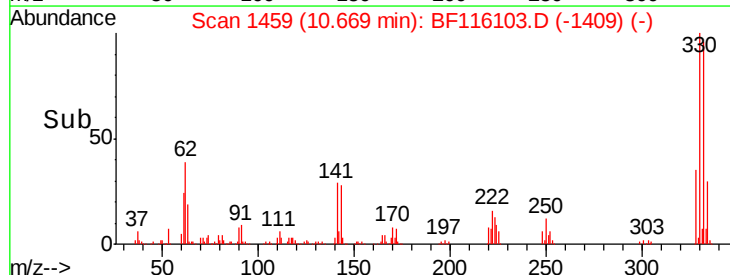
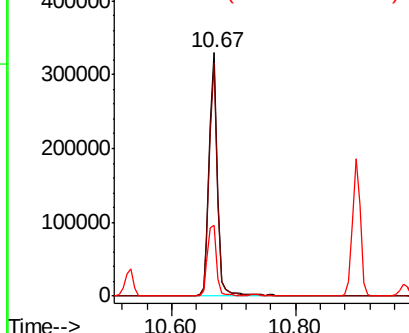


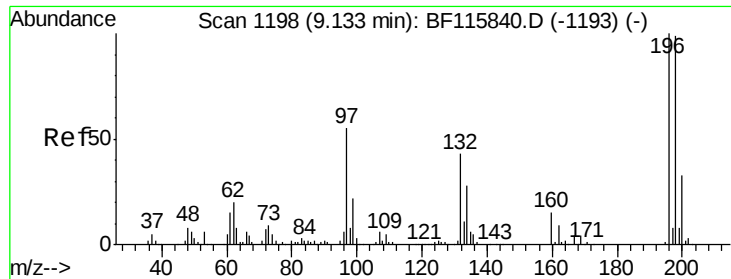
#42
2,4,6-Tribromophenol
Concen: 113.673 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:	330	Resp:	305631
Ion Ratio	Lower	Upper	
330	100		
332	94.6	76.8	115.2
141	32.5	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





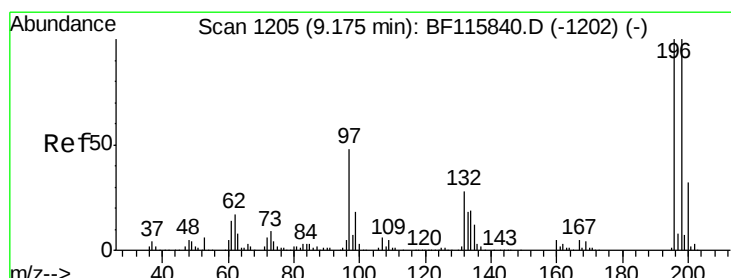
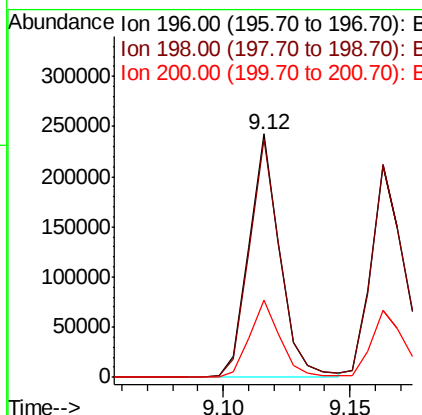
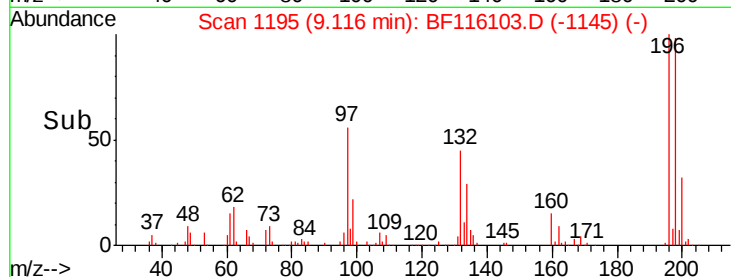
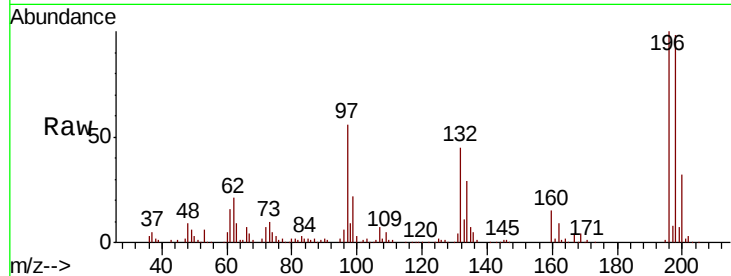
#43
 2,4,6-Trichlorophenol
 Concen: 40.515 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116103.D
 Acq: 9 Aug 2019 10:37

Instrument :
 BNA_F
 ClientSampled :
 PB122069BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	206749		
198	97.7	79.2	118.8	
200	31.6	25.2	37.8	

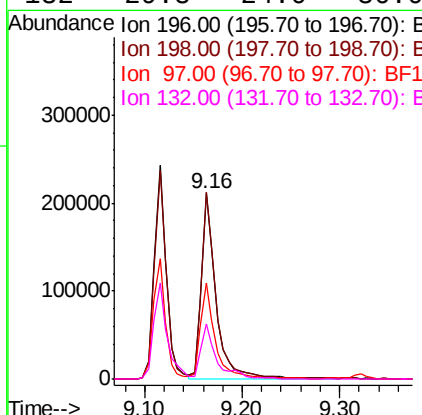
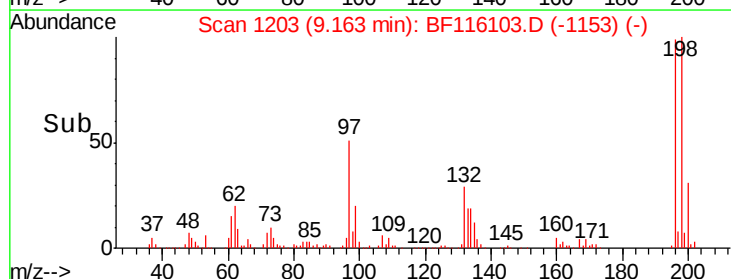
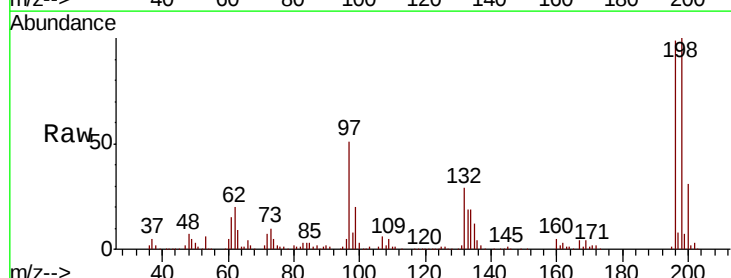
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#44
 2,4,5-Trichlorophenol
 Concen: 41.722 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116103.D
 Acq: 9 Aug 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	220084		
198	101.0	78.8	118.2	
97	51.8	42.2	63.4	
132	29.8	24.0	36.0	





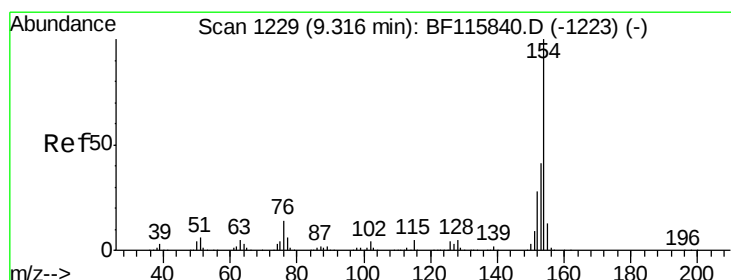
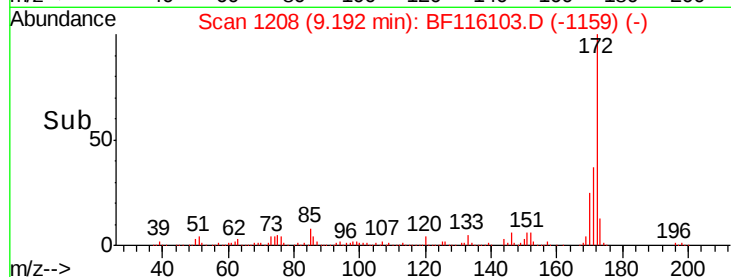
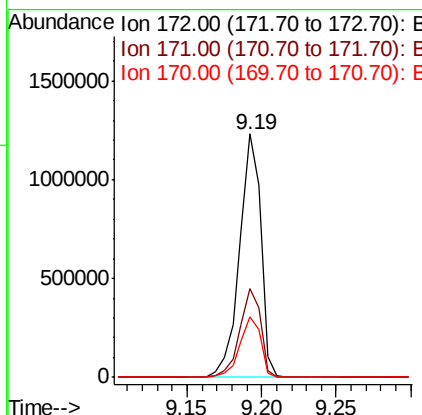
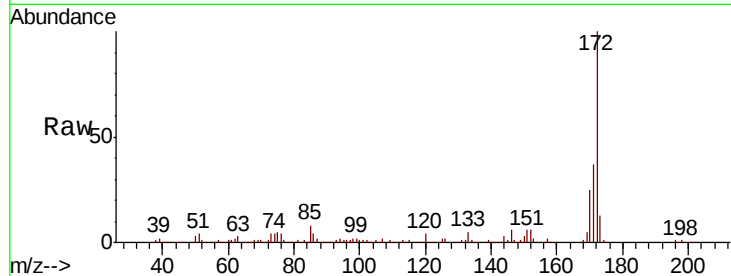
#45
2-Fluorobiphenyl
Concen: 82.620 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampleId :
PB122069BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.9	20.1	30.1

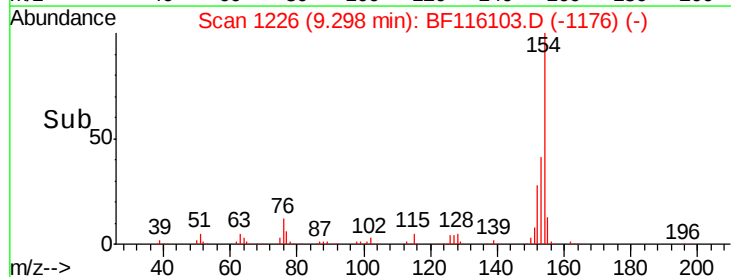
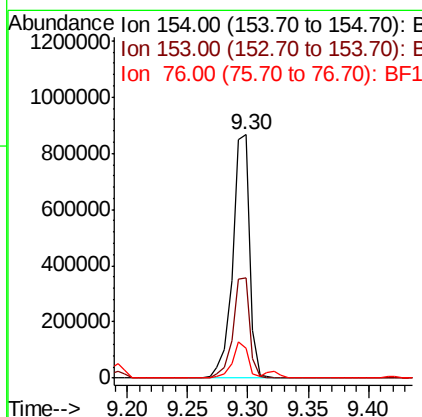
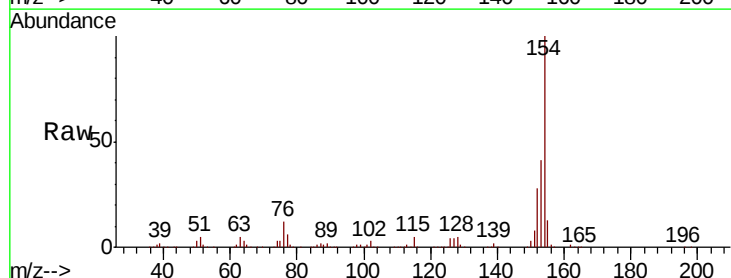
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#46
1,1'-Biphenyl
Concen: 43.405 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.4	61.4
76	12.4	0.0	35.2





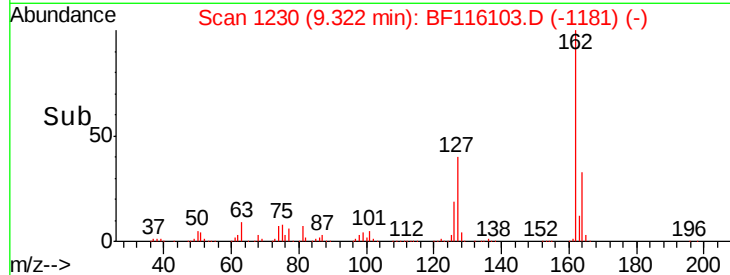
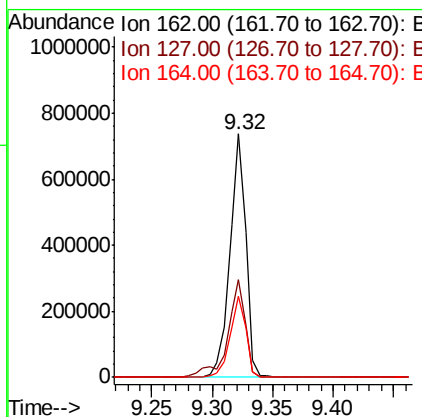
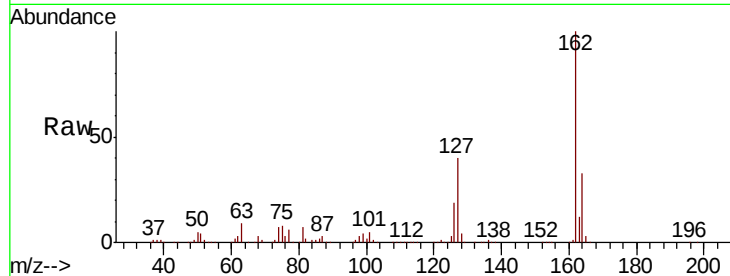
#47
 2-Chloronaphthalene
 Concen: 41.482 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF116103.D
 Acq: 9 Aug 2019 10:37

Instrument :
 BNA_F
 ClientSampleID :
 PB122069BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.3	32.8	49.2		
164	33.4	26.6	39.8		

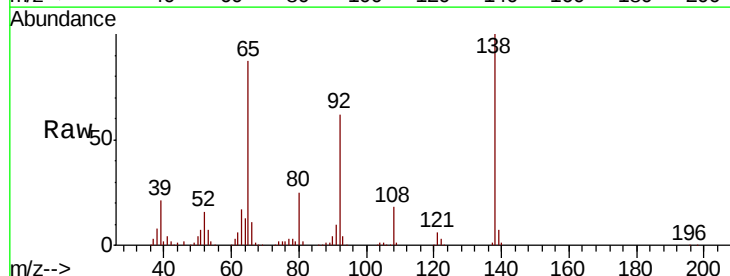
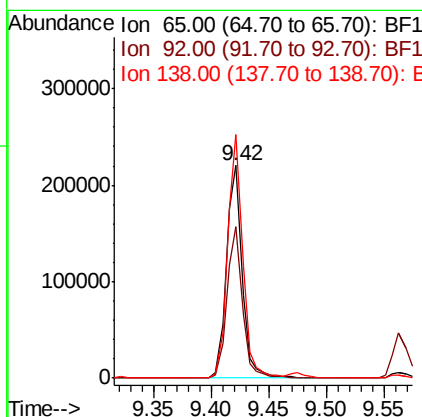
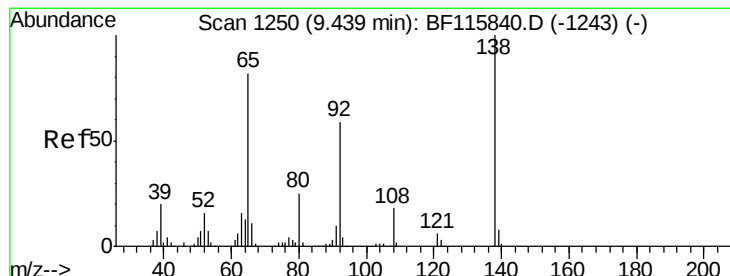
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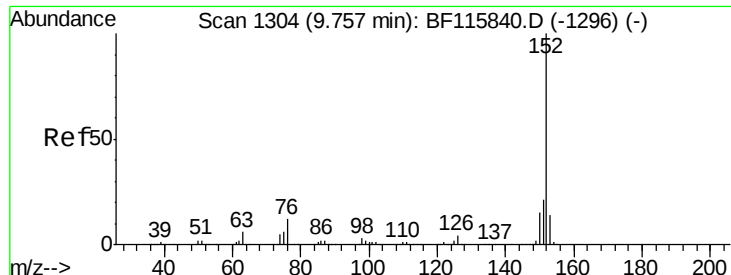
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#48
 2-Nitroaniline
 Concen: 38.687 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116103.D
 Acq: 9 Aug 2019 10:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	71.2	57.8	86.8		
138	114.6	94.0	141.0		





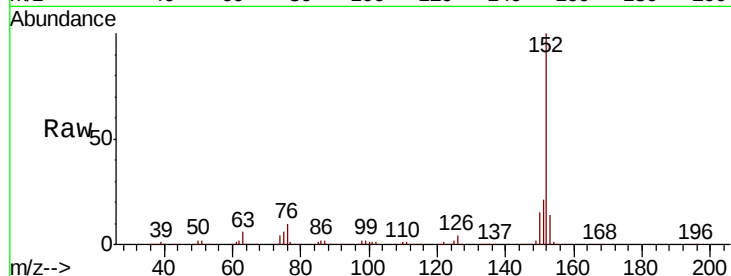
#49
Acenaphthylene
Concen: 42.192 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampleId :
PB122069BS

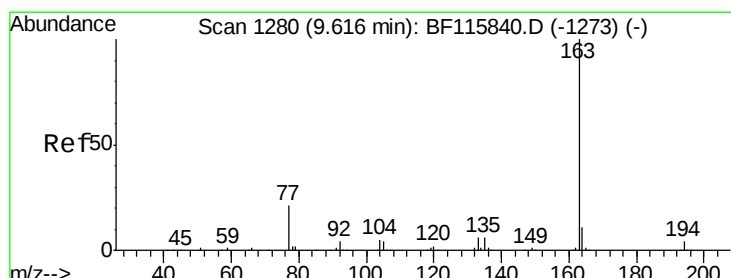
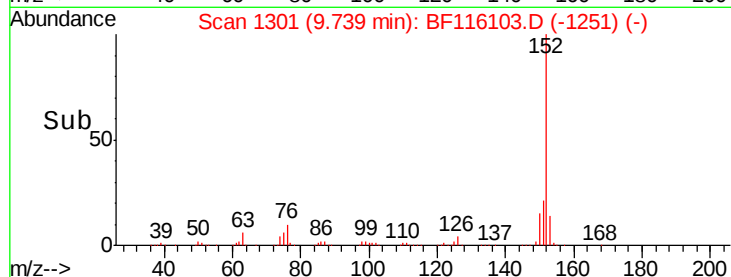
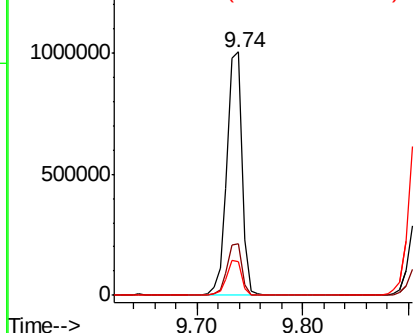
Tot Ion:152 Resp: 1003035
Ion Ratio Lower Upper
152 100
151 21.0 17.2 25.8
153 13.9 11.8 17.8

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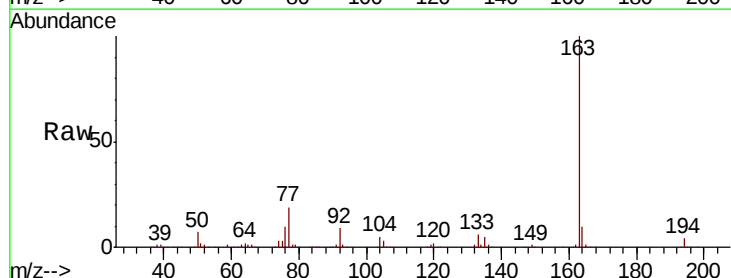


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

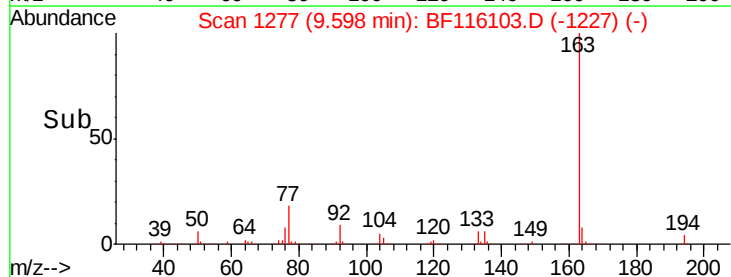
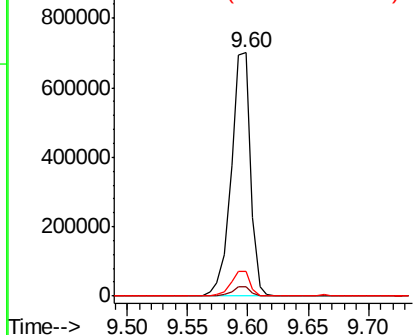


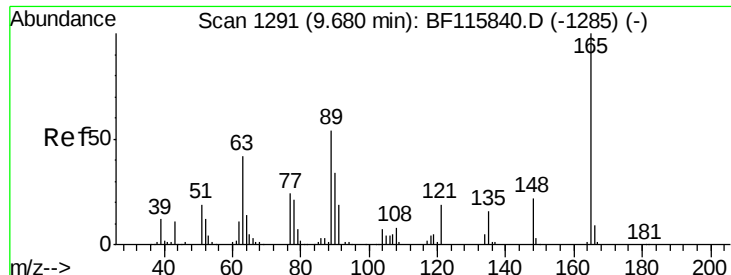
#50
Dimethylphthalate
Concen: 41.397 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:163 Resp: 781682
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





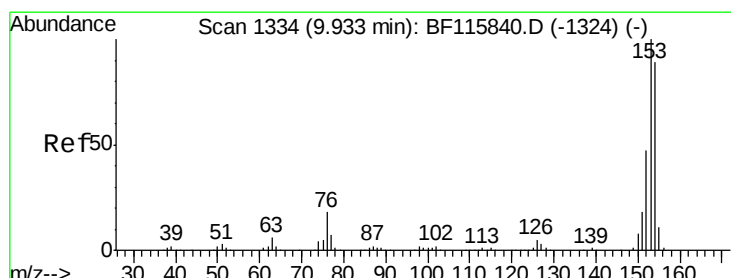
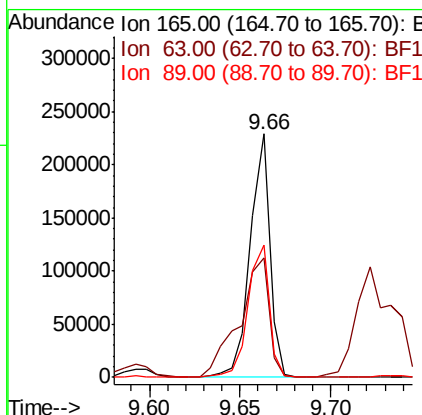
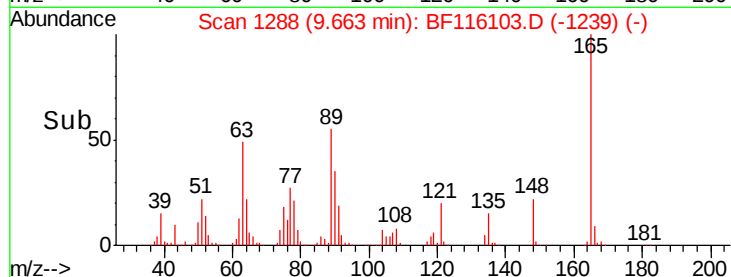
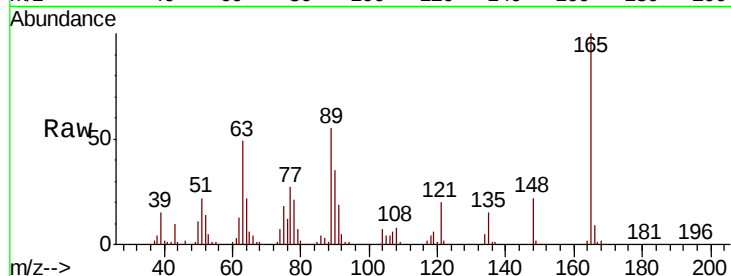
#51
 2,6-Dinitrotoluene
 Concen: 42.498 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF116103.D
 Acq: 9 Aug 2019 10:37

Instrument :
 BNA_F
 ClientSampleId :
 PB122069BS

Tot Ion:	165	Resp:	174388
Ion Ratio	Lower	Upper	
165	100		
63	49.0	38.2	57.2
89	54.5	42.9	64.3

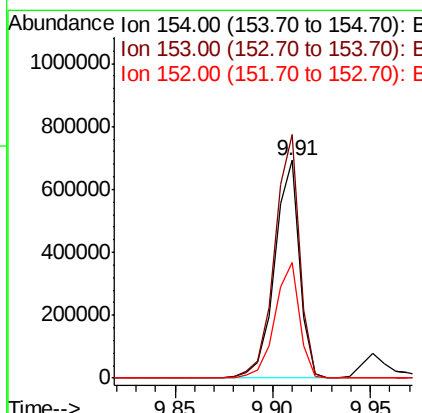
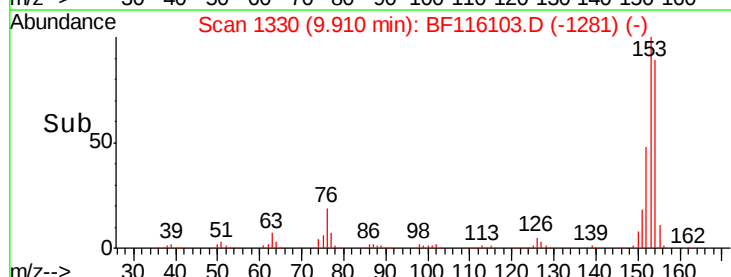
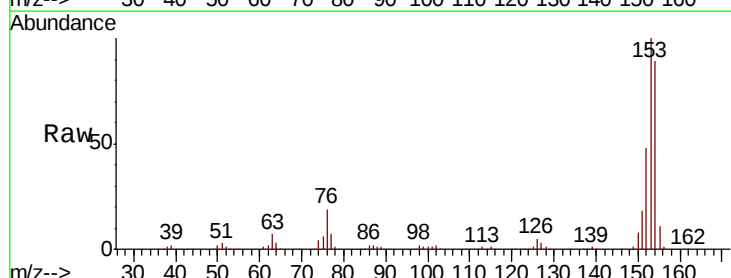
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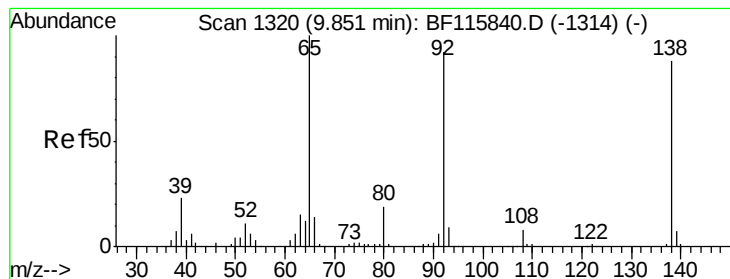
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#52
 Acenaphthene
 Concen: 41.850 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF116103.D
 Acq: 9 Aug 2019 10:37

Tgt Ion:	154	Resp:	610370
Ion Ratio	Lower	Upper	
154	100		
153	111.8	89.4	134.0
152	53.1	42.3	63.5





#53

3-Nitroaniline

Concen: 26.241 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF116103.D

Acq: 9 Aug 2019 10:37

Instrument :

BNA_F

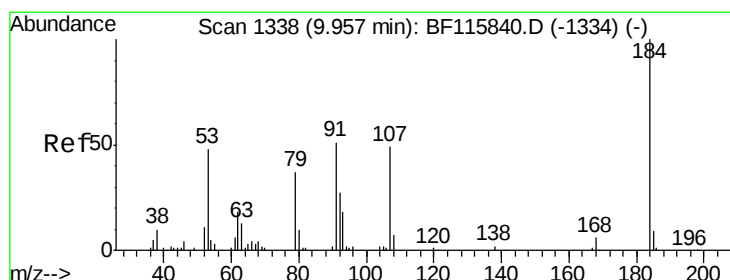
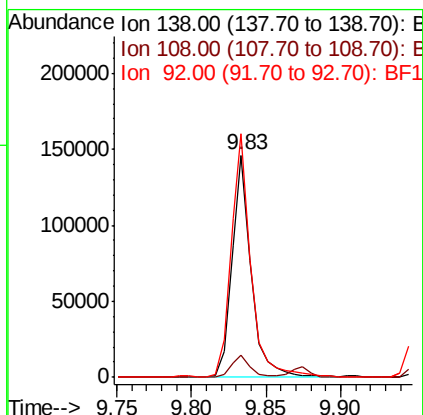
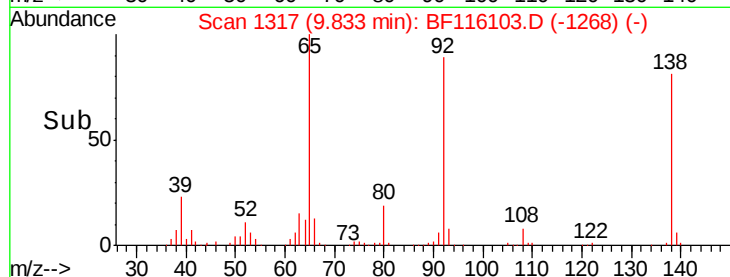
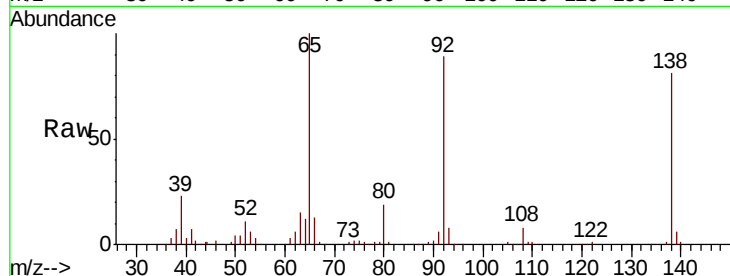
ClientSampleId :

PB122069BS

Tot Ion:138	Resp:	133053
Ion Ratio	Lower	Upper
138	100	
108	9.9	8.0 12.0
92	109.7	91.0 136.6

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#54

2,4-Dinitrophenol

Concen: 65.932 ng

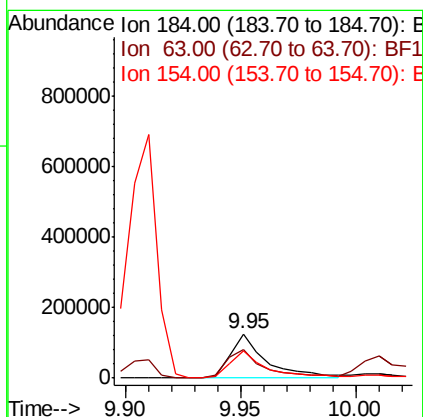
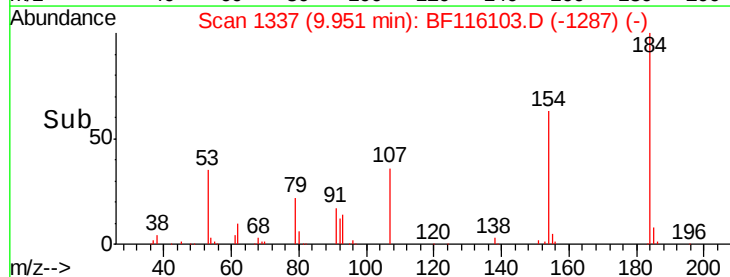
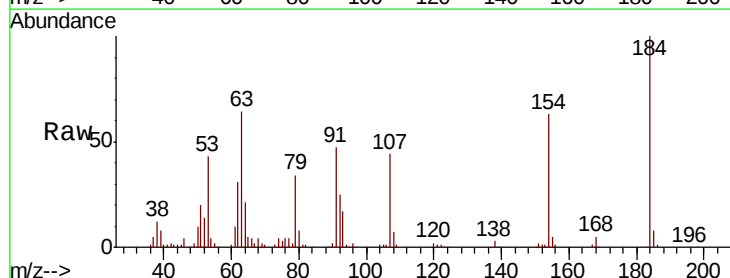
RT: 9.95 min Scan# 1337

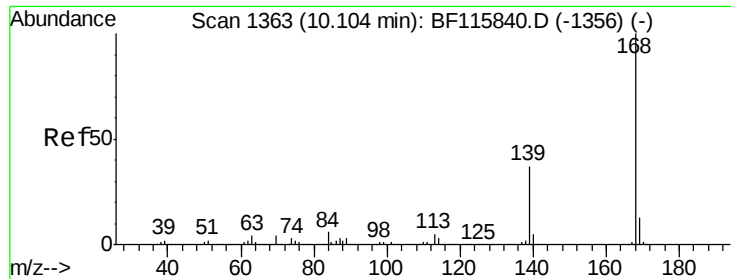
Delta R.T. -0.01 min

Lab File: BF116103.D

Acq: 9 Aug 2019 10:37

Tgt Ion:184	Resp:	134427
Ion Ratio	Lower	Upper
184	100	
63	63.8	53.0 79.4
154	62.9	50.1 75.1





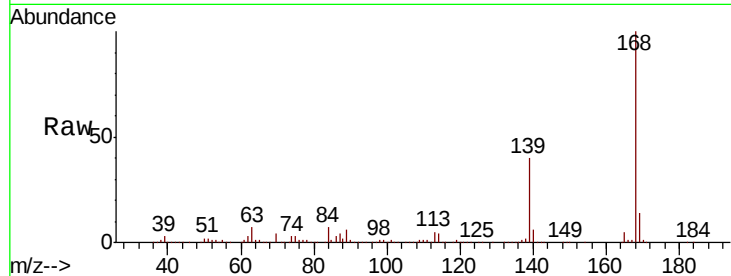
#55
Dibenzenofuran
Concen: 41.825 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampled :
PB122069BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	887095		
139	39.6		31.4	47.2
169	13.7		10.9	16.3

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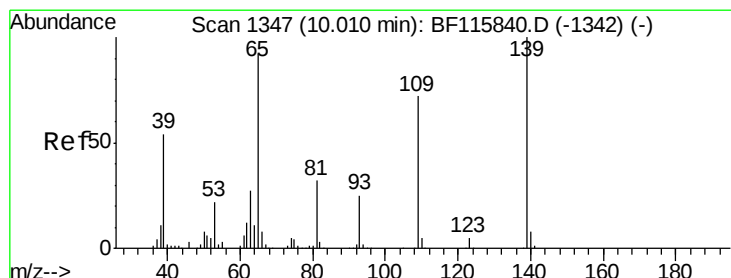
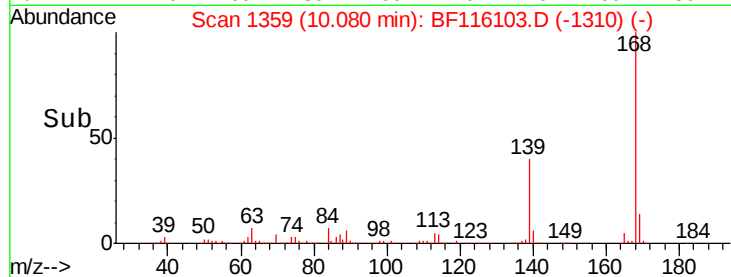
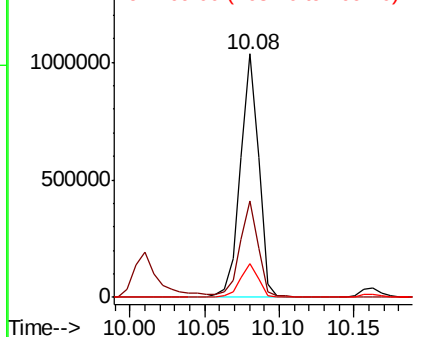


Abundance

Ion 168.00 (167.70 to 168.70): E

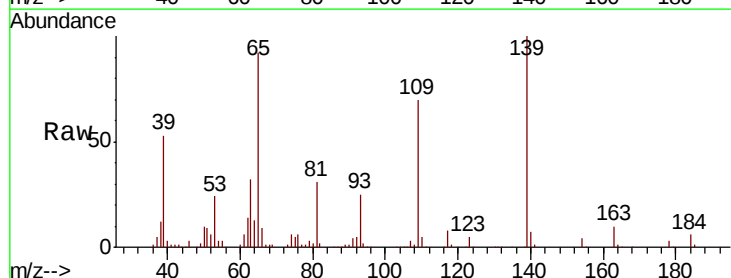
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 67.660 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	219764		
109	69.6		54.4	94.4
65	92.1		80.6	120.6

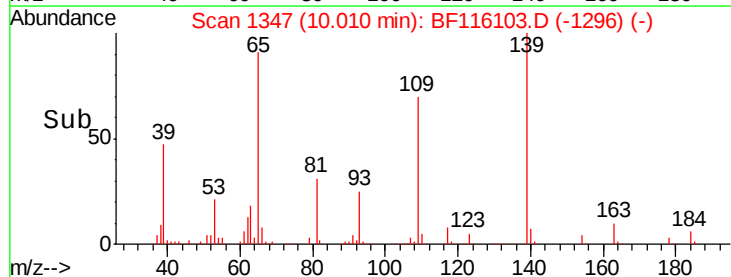
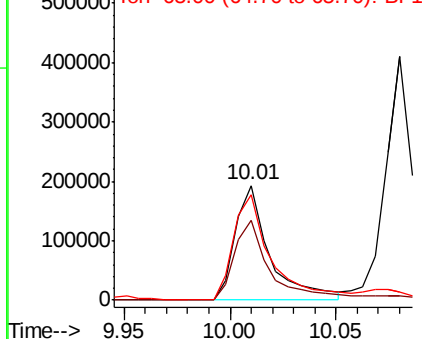


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





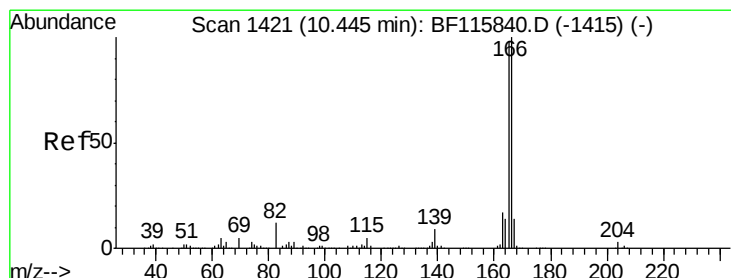
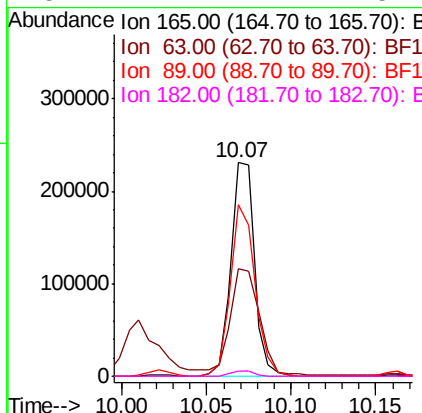
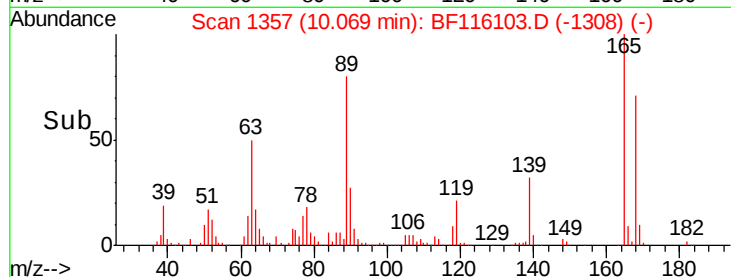
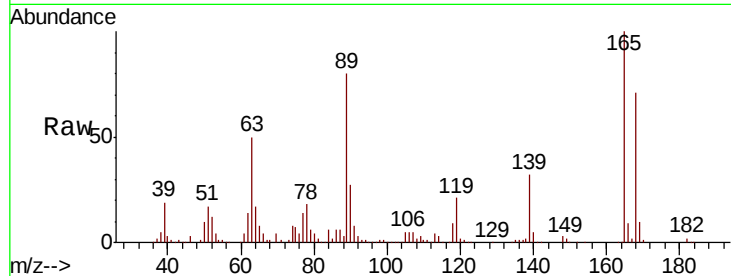
#57
 2,4-Dinitrotoluene
 Concen: 40.716 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF116103.D
 Acq: 9 Aug 2019 10:37

Instrument :
 BNA_F
 ClientSampleId :
 PB122069BS

Tot Ion:	165	Resp:	222447
Ion Ratio	Lower	Upper	
165	100		
63	50.4	39.6	59.4
89	80.4	62.2	93.2
182	2.4	2.1	3.1

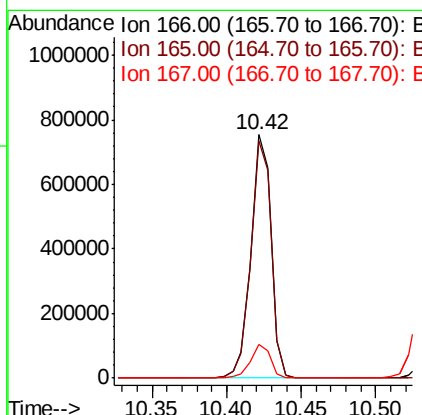
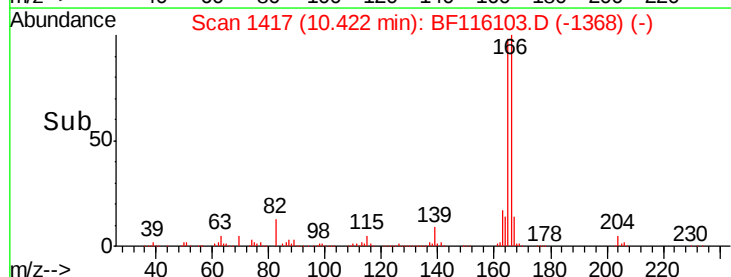
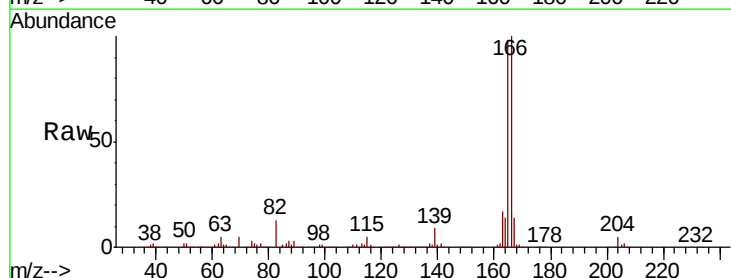
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#58
 Fluorene
 Concen: 42.857 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116103.D
 Acq: 9 Aug 2019 10:37

Tgt Ion:	166	Resp:	699344
Ion Ratio	Lower	Upper	
166	100		
165	97.6	78.4	117.6
167	13.8	11.0	16.4





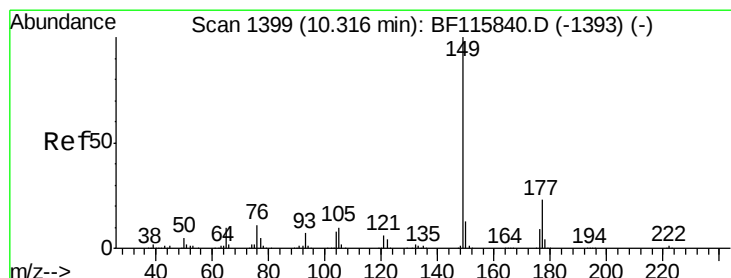
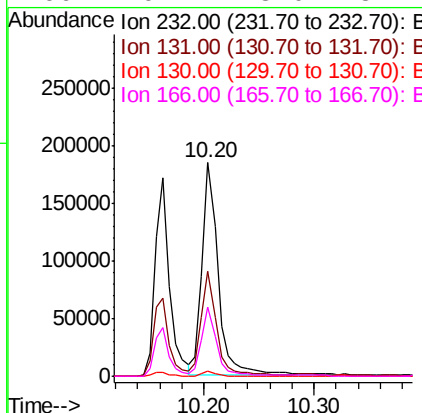
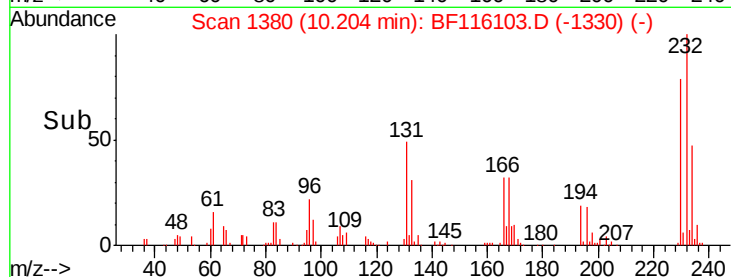
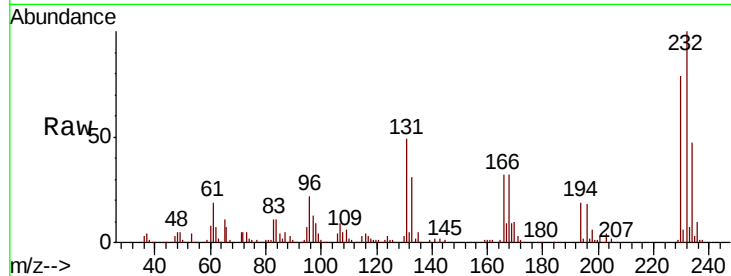
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.407 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF116103.D
 Acq: 9 Aug 2019 10:37

Instrument :
 BNA_F
 ClientSampleId :
 PB122069BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		183765		
131	45.3	36.2	54.2		
130	2.4	1.9	2.9		
166	29.2	23.0	34.4		

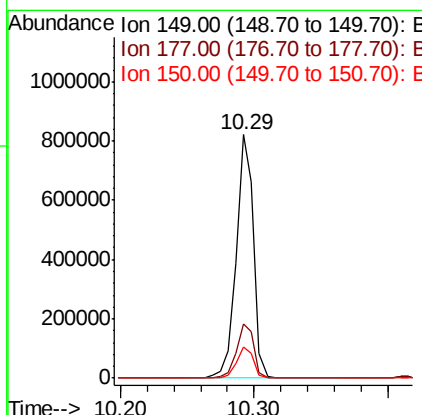
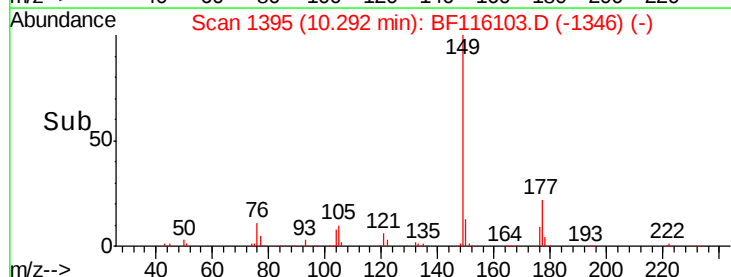
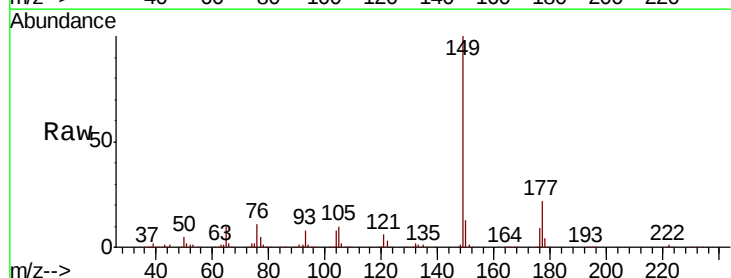
Manual Integrations
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#60
 Diethylphthalate
 Concen: 42.007 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF116103.D
 Acq: 9 Aug 2019 10:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		740546		
177	22.3	18.8	28.2		
150	12.7	10.2	15.4		





#61

4-Chlorophenyl-phenylether

Concen: 42.636 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF116103.D

Acq: 9 Aug 2019 10:37

Instrument :

BNA_F

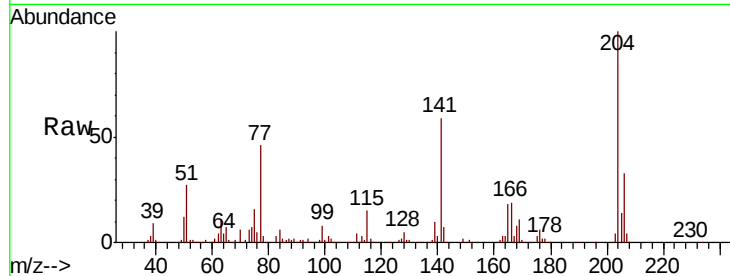
ClientSampled :

PB122069BS

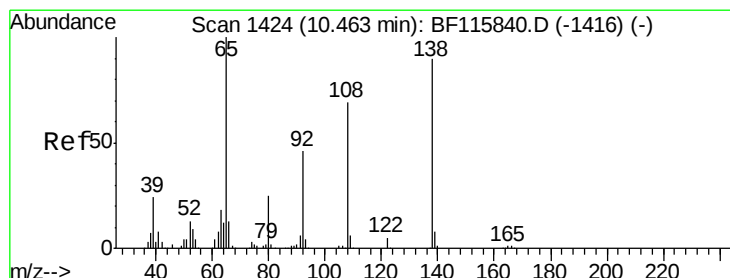
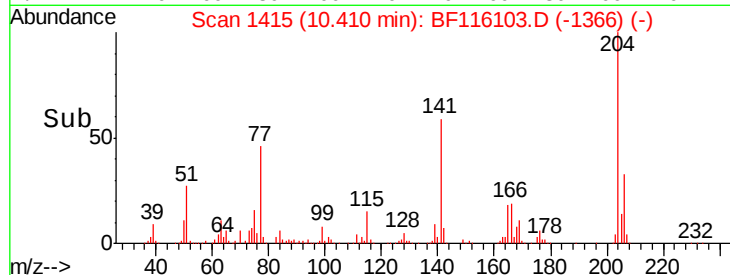
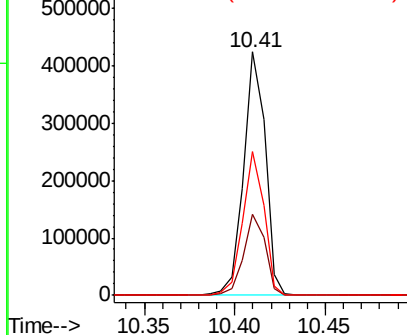
Tot Ion:	204	Resp:	352364
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.4	39.6
141	59.1	46.4	69.6

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Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 35.498 ng

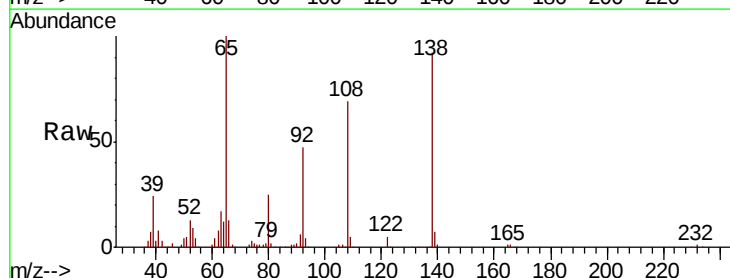
RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

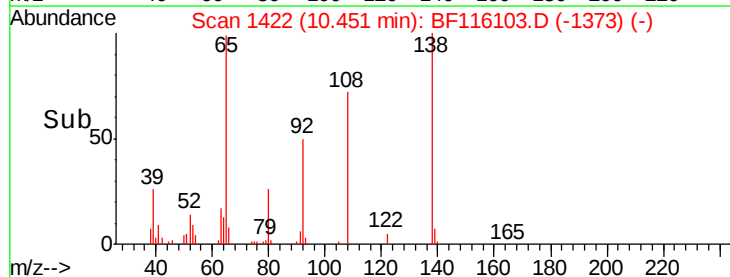
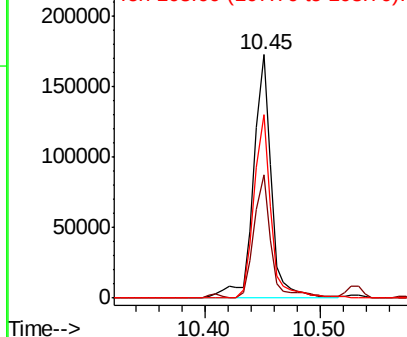
Lab File: BF116103.D

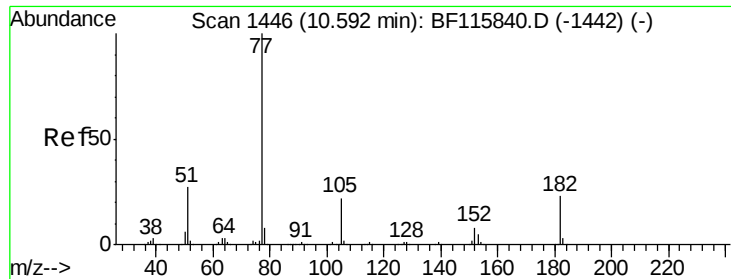
Acq: 9 Aug 2019 10:37

Tgt Ion:	138	Resp:	186007
Ion Ratio	Lower	Upper	
138	100		
92	50.7	29.0	69.0
108	75.5	54.7	94.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





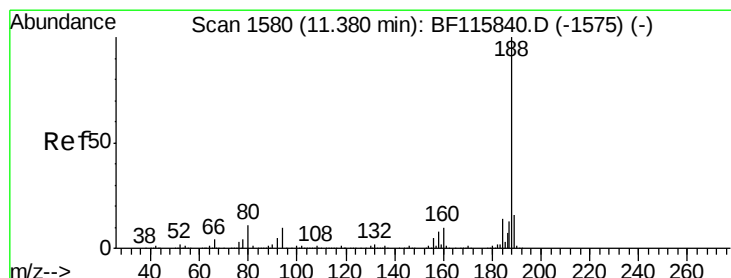
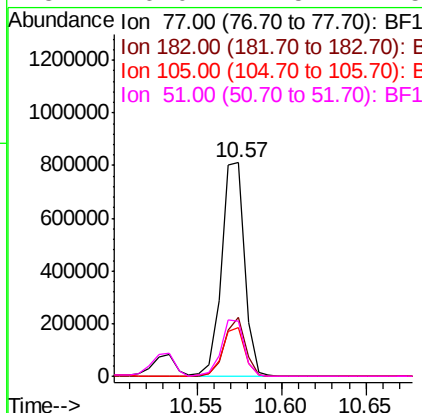
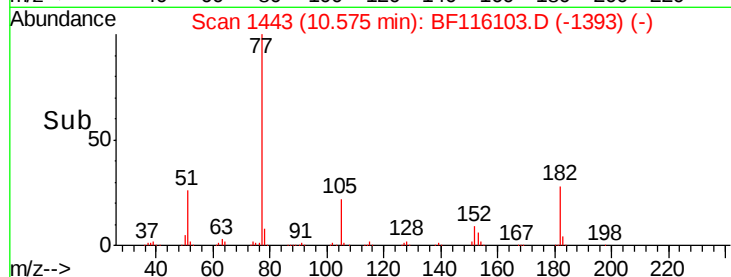
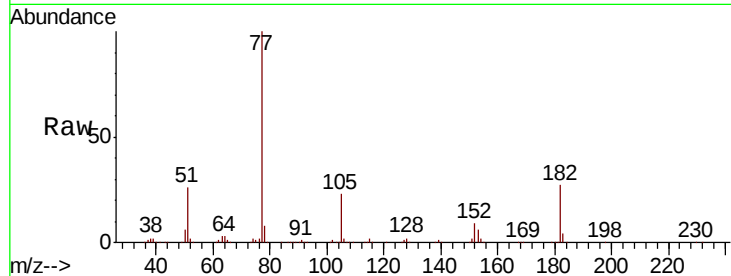
#63
Azobenzene
Concen: 42.482 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampleId :
PB122069BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.5	4.0	44.0		
105	22.8	2.0	42.0		
51	26.0	7.5	47.5		

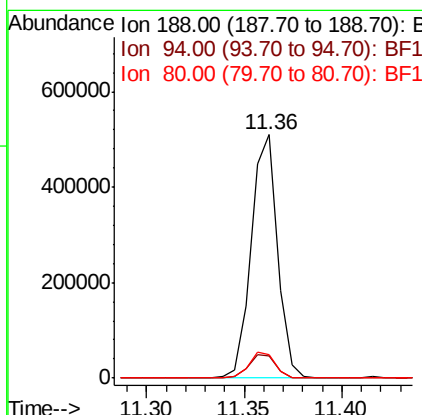
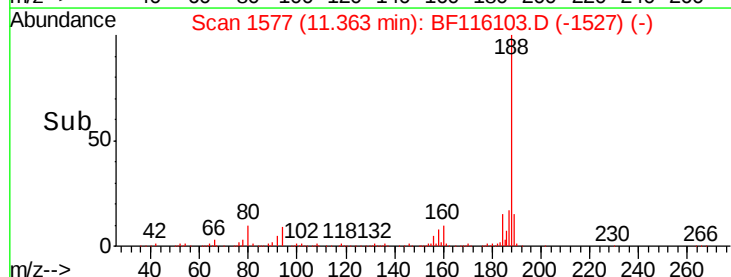
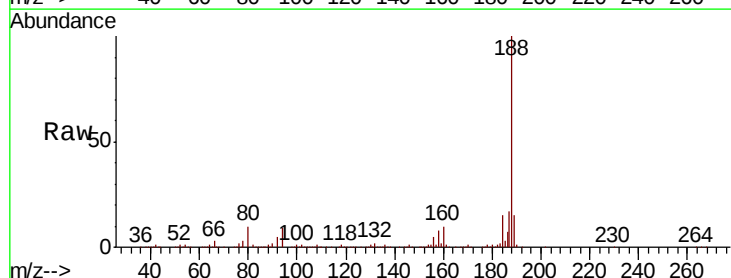
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.9	8.1	12.1		
80	9.6	8.7	13.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 43.052 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116103.D

Acq: 9 Aug 2019 10:37

Instrument :

BNA_F

ClientSampled :

PB122069BS

Tot Ion:198 Resp: 108668

Ion Ratio Lower Upper

198 100

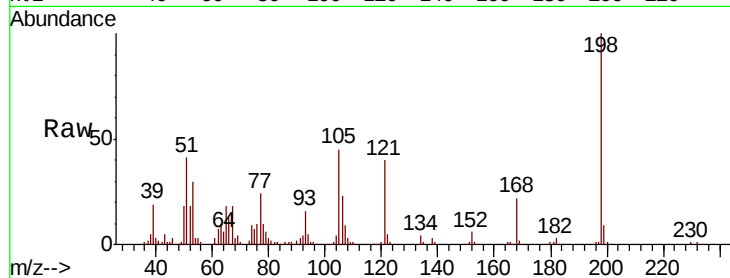
51 41.0 17.0 57.0

105 44.7 21.6 61.6

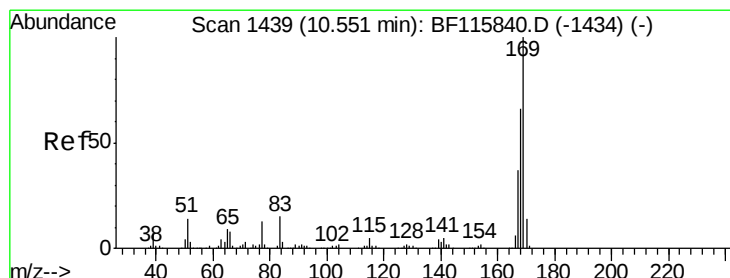
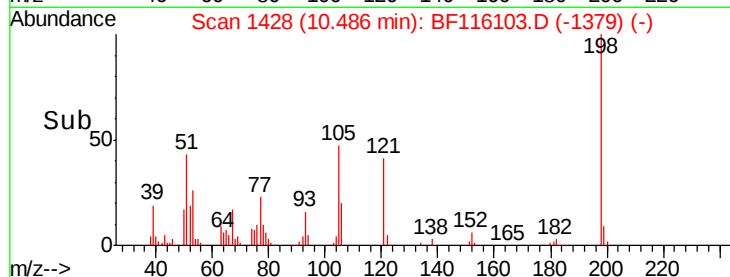
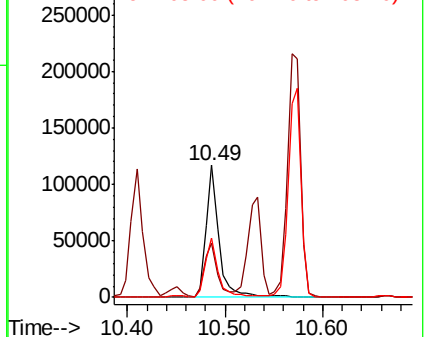
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.444 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF116103.D

Acq: 9 Aug 2019 10:37

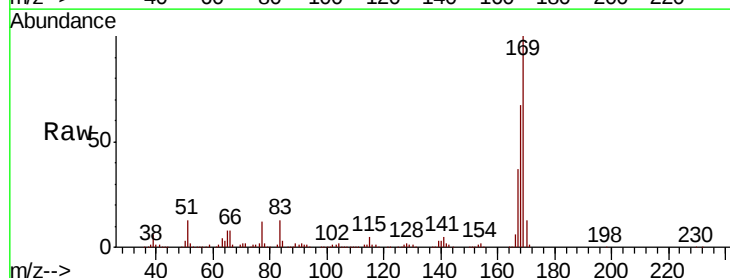
Tgt Ion:169 Resp: 622826

Ion Ratio Lower Upper

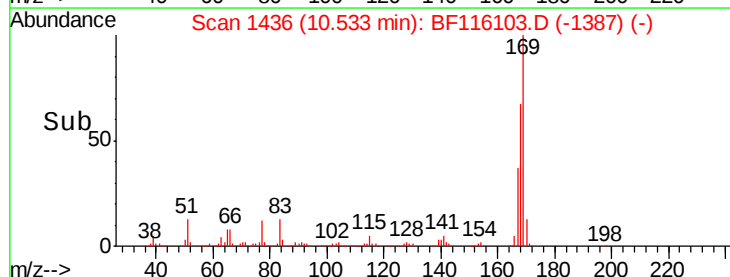
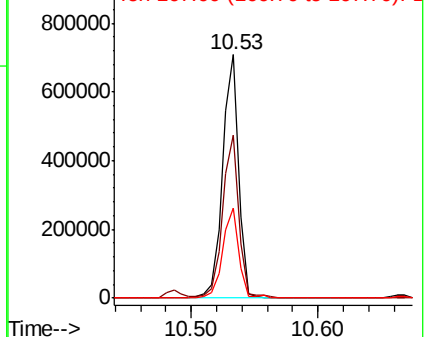
169 100

168 66.9 53.8 80.6

167 36.8 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





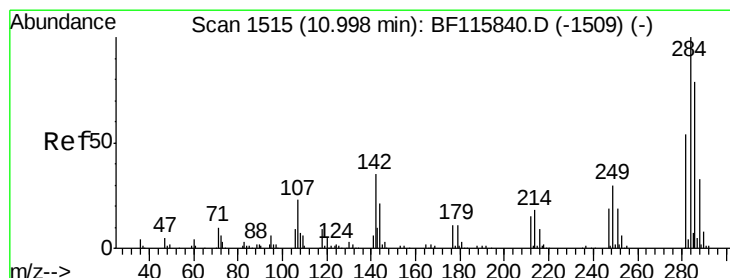
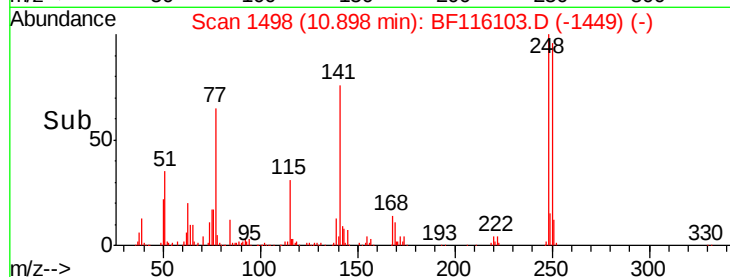
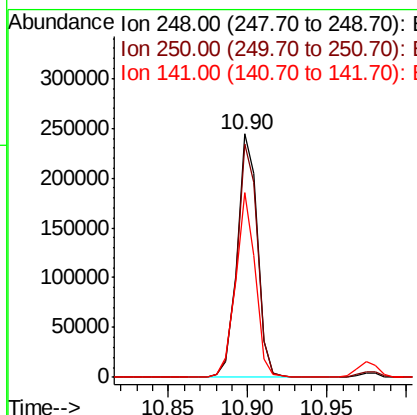
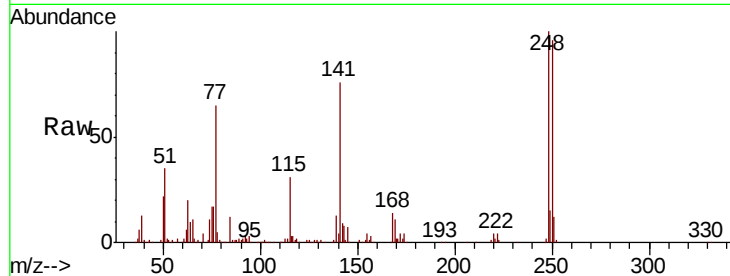
#67
 4-Bromophenyl-phenylether
 Concen: 42.619 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF116103.D
 Acq: 9 Aug 2019 10:37

Instrument :
 BNA_F
 ClientSampleId :
 PB122069BS

Tot Ion:	248	Resp:	217304
Ion Ratio	Lower	Upper	
248	100		
250	96.0	77.4	116.2
141	76.1	56.8	85.2

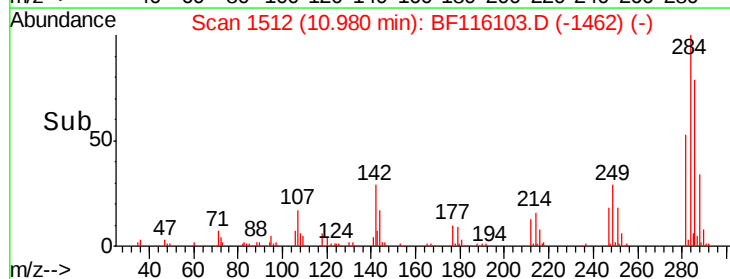
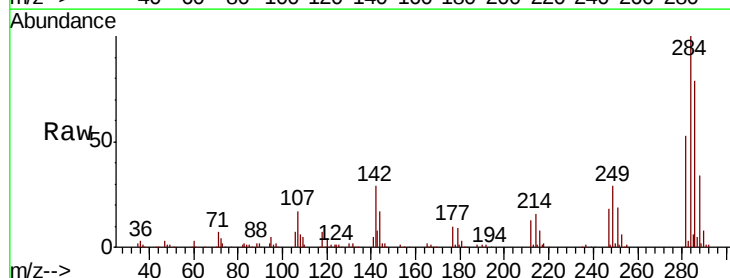
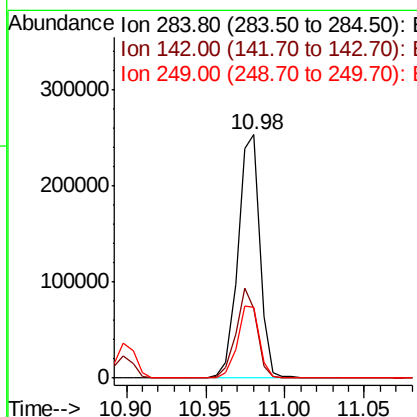
Manual Integrations
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#68
 Hexachlorobenzene
 Concen: 41.147 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF116103.D
 Acq: 9 Aug 2019 10:37

Tgt Ion:	284	Resp:	242600
Ion Ratio	Lower	Upper	
284	100		
142	28.8	28.4	42.6
249	29.1	24.5	36.7





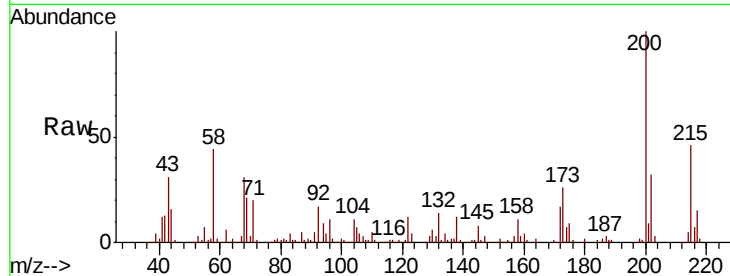
#69
Atrazine
Concen: 40.643 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampleID :
PB122069BS

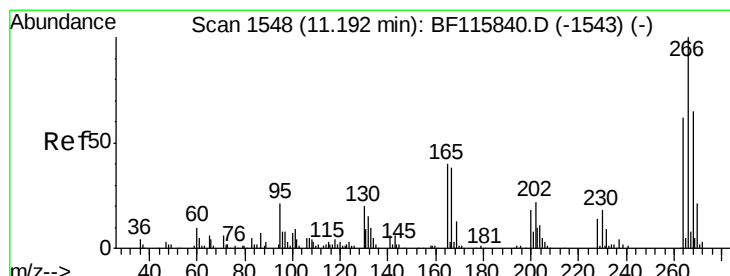
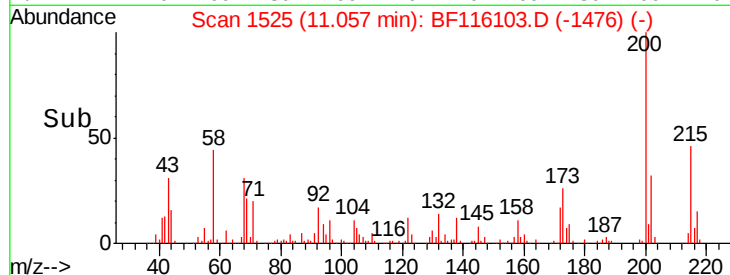
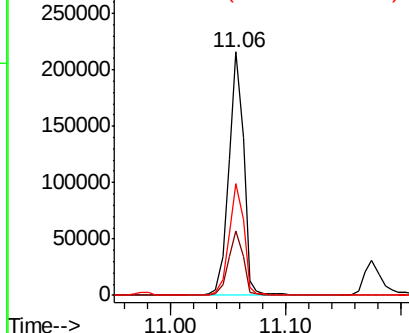
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.4	6.8	46.8
215	46.0	27.5	67.5

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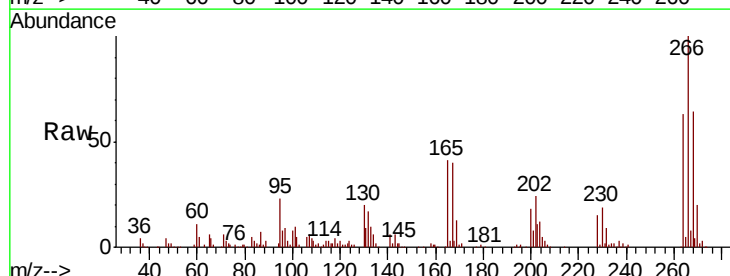


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

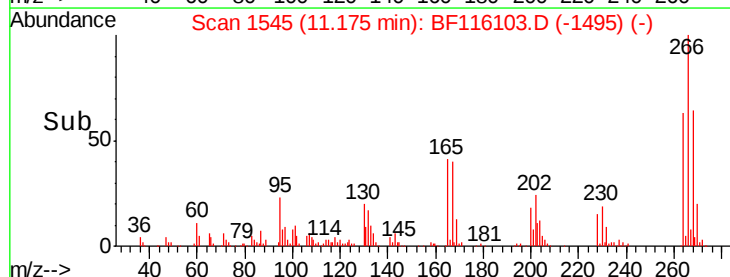
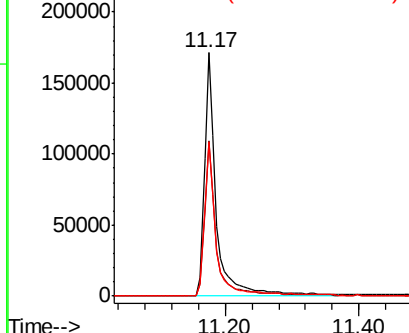


#70
Pentachlorophenol
Concen: 73.303 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.8	48.8	73.2
264	63.4	50.6	76.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





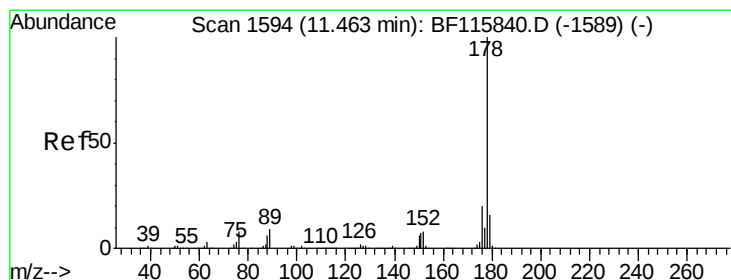
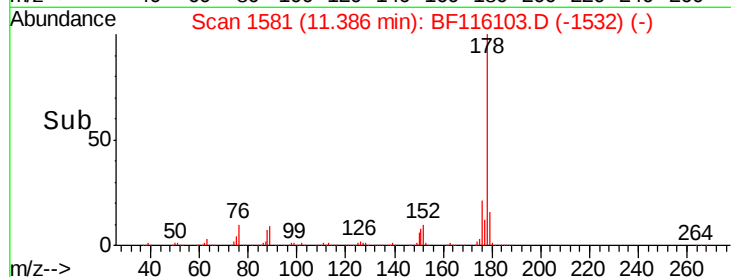
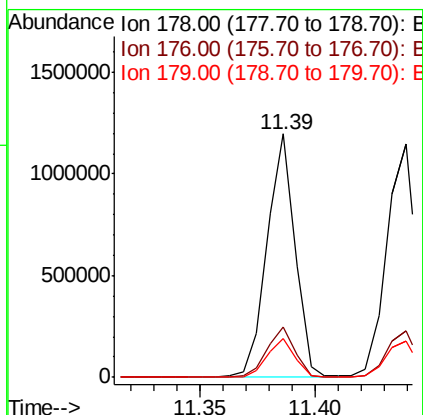
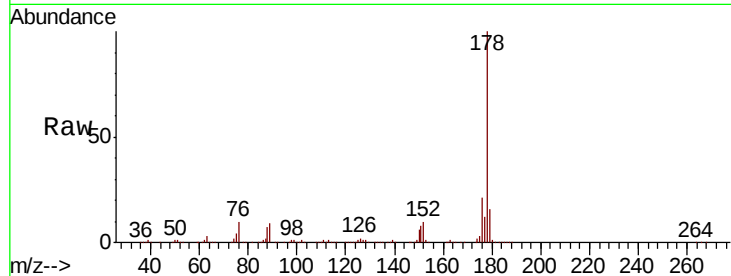
#71
Phenanthrene
Concen: 41.543 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampleId :
PB122069BS

Tot Ion:178 Resp: 1011559
Ion Ratio Lower Upper
178 100
176 20.6 16.6 24.8
179 16.0 12.5 18.7

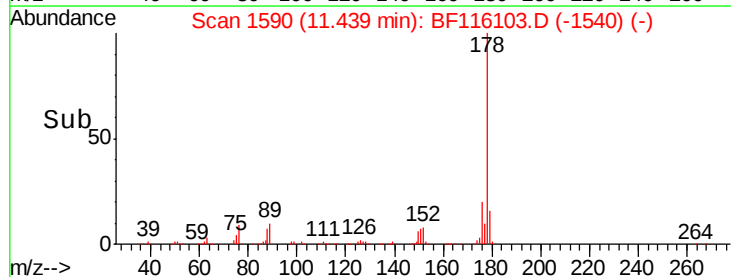
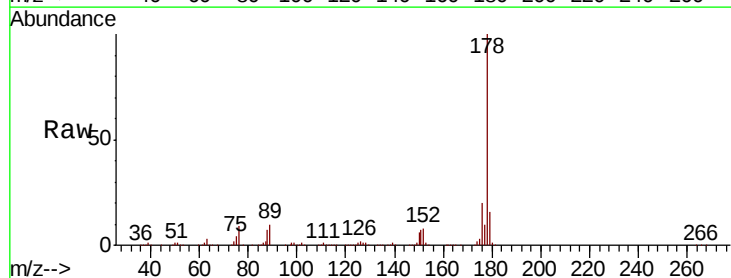
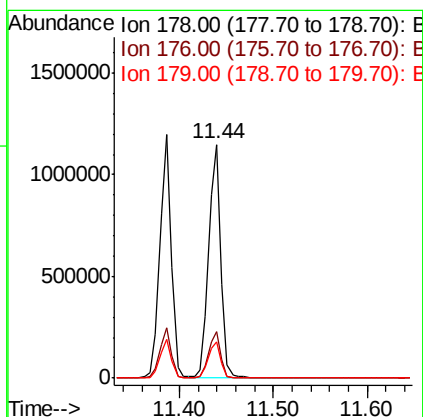
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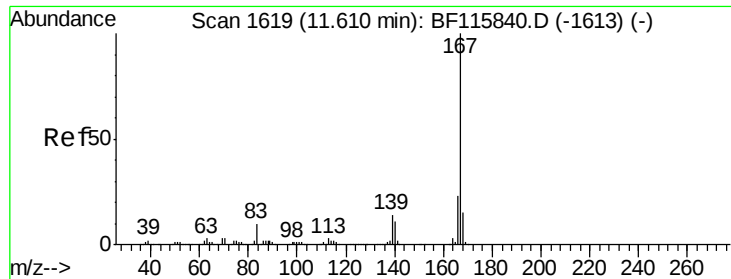
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#72
Anthracene
Concen: 42.800 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion:178 Resp: 1054719
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.6 13.0 19.6





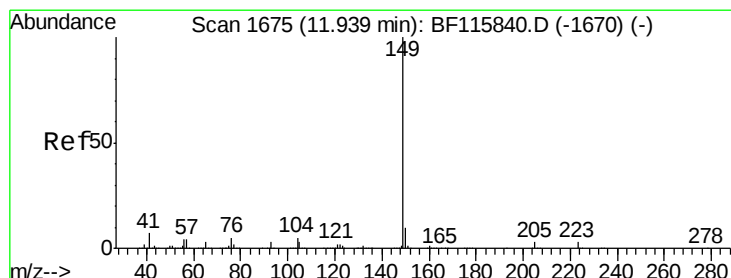
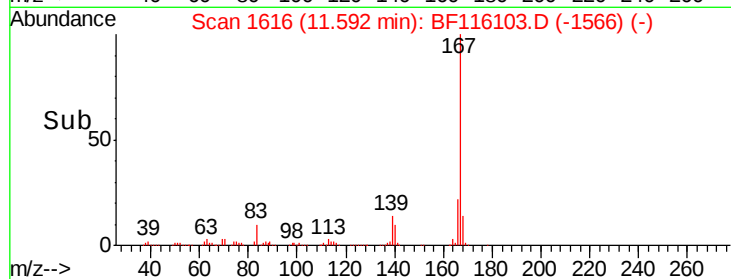
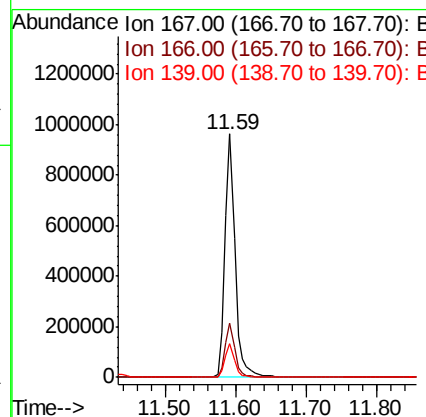
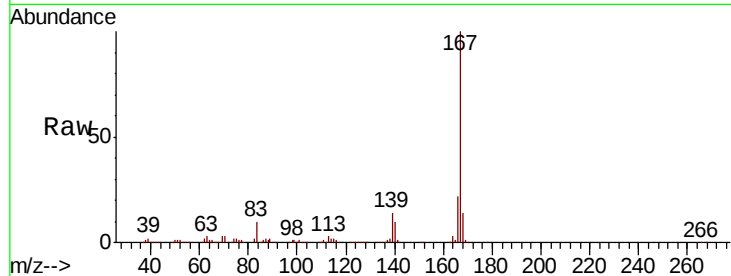
#73
 Carbazole
 Concen: 42.949 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116103.D
 Acq: 9 Aug 2019 10:37

Instrument :
 BNA_F
 ClientSampleId :
 PB122069BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.6
139	13.6	11.4	17.0

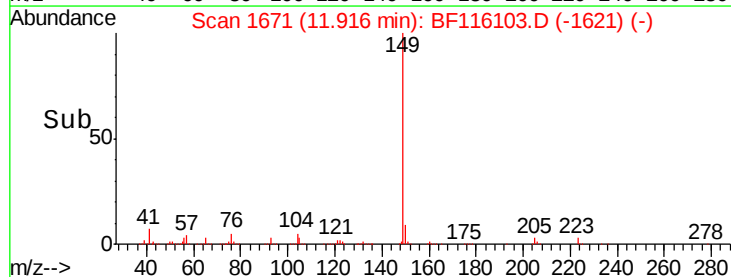
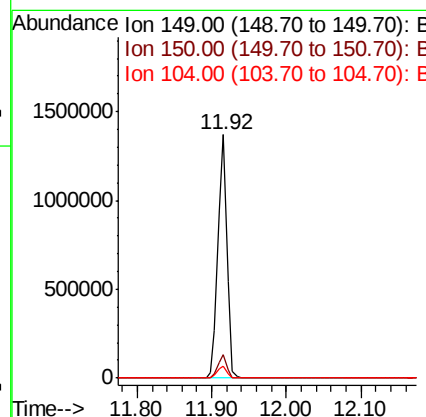
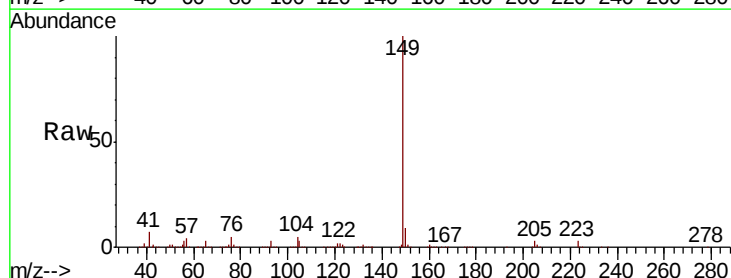
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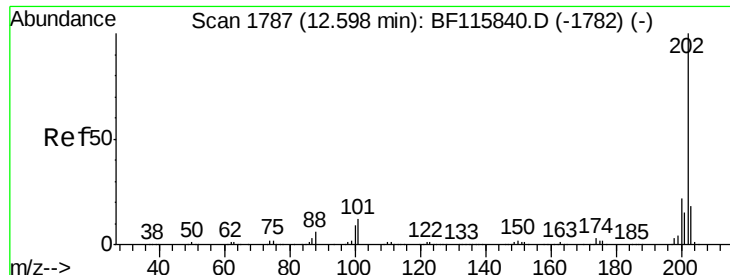
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#74
 Di-n-butylphthalate
 Concen: 43.929 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF116103.D
 Acq: 9 Aug 2019 10:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.0	12.0
104	5.2	4.5	6.7





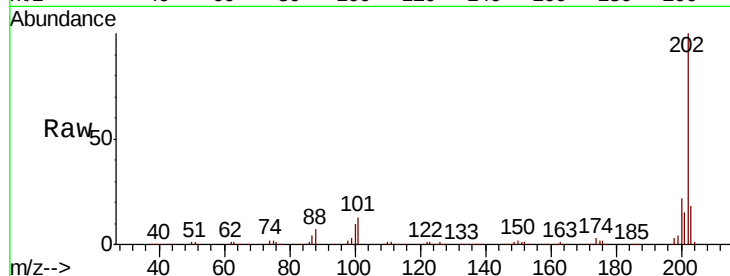
#75
Fluoranthene
 Concen: 41.335 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF116103.D
 Acq: 9 Aug 2019 10:37

Instrument :
 BNA_F
 ClientSampled :
 PB122069BS

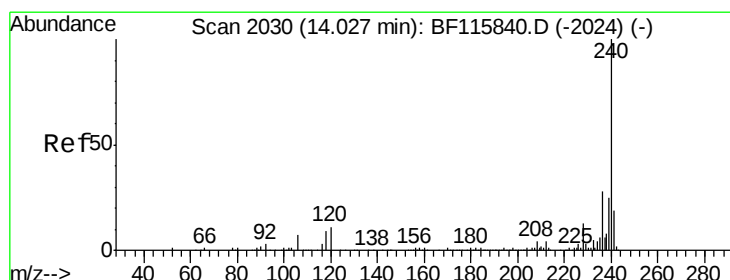
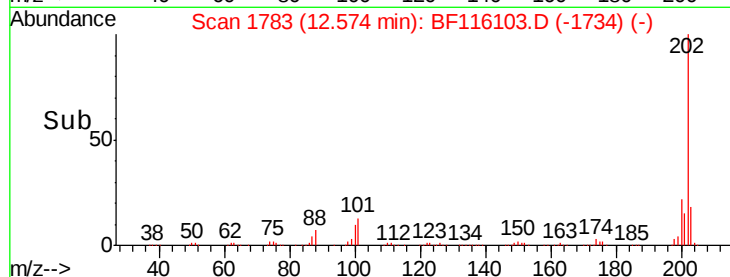
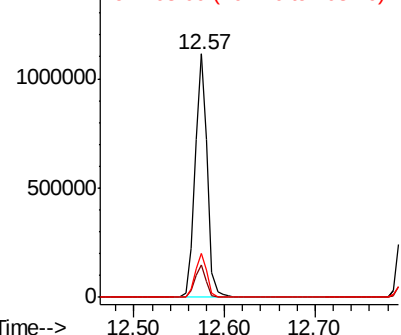
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.2
203	18.3	0.0	37.8

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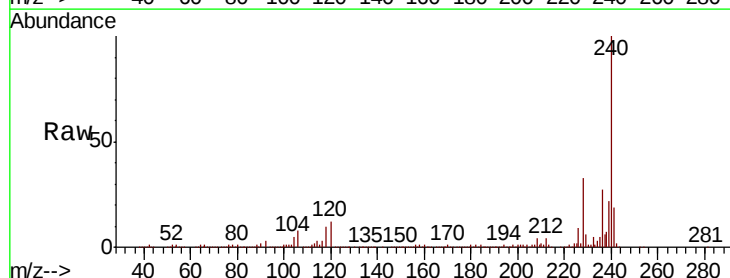


Abundance Ion 202.00 (201.70 to 202.70): E
 1500000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

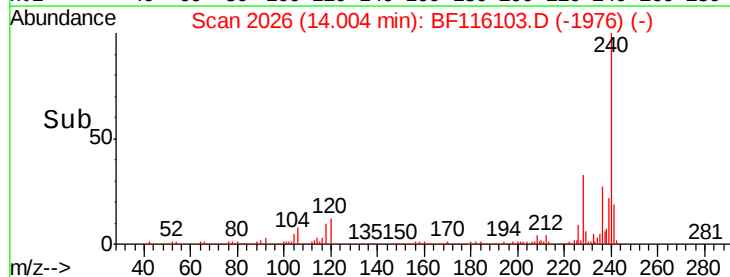
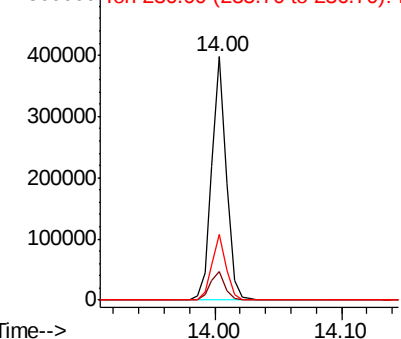


#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116103.D
 Acq: 9 Aug 2019 10:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	10.7	16.1
236	26.9	22.2	33.2



Abundance Ion 240.00 (239.70 to 240.70): E
 500000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.370 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF116103.D

Acq: 9 Aug 2019 10:37

Instrument :

BNA_F

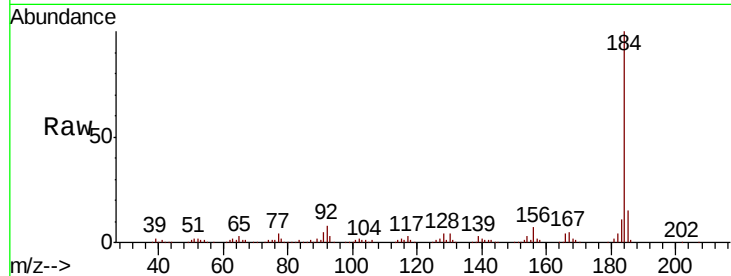
ClientSampleId :

PB122069BS

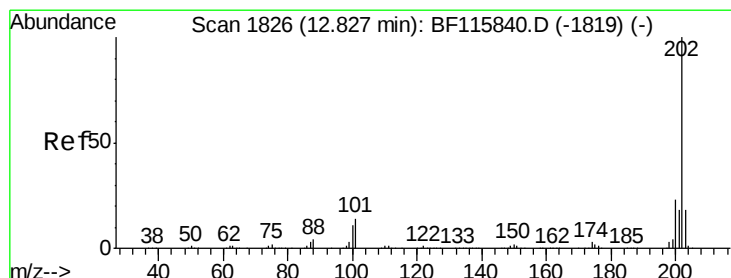
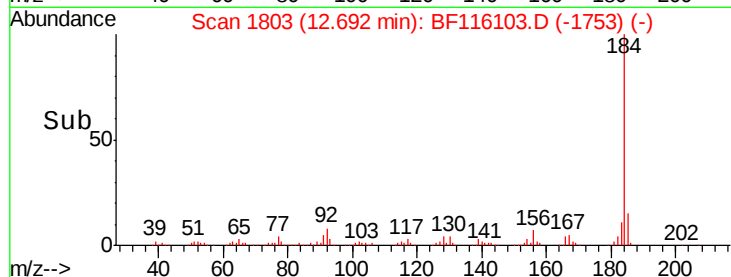
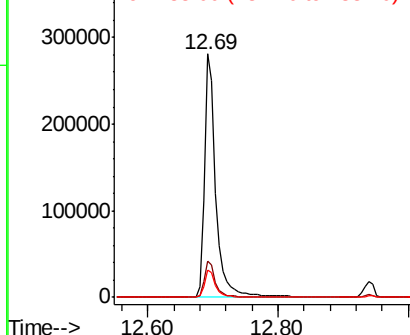
Tot Ion:	184	Resp:	337305
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.8	19.2
183	11.2	9.4	14.0

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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: 44.726 ng

RT: 12.80 min Scan# 1822

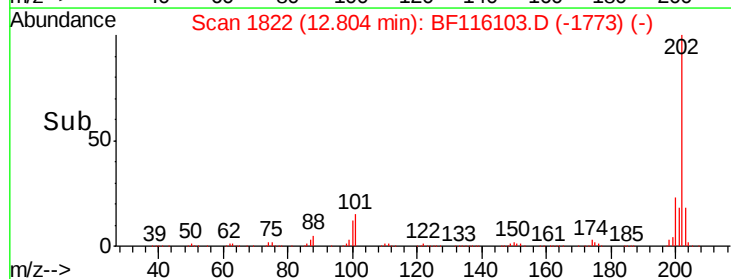
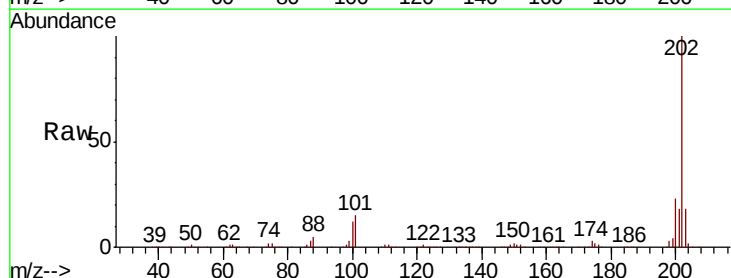
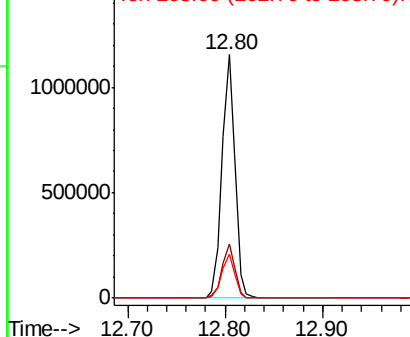
Delta R.T. -0.01 min

Lab File: BF116103.D

Acq: 9 Aug 2019 10:37

Tgt Ion:	202	Resp:	1073040
Ion Ratio	Lower	Upper	
202	100		
200	22.5	18.0	27.0
203	18.1	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





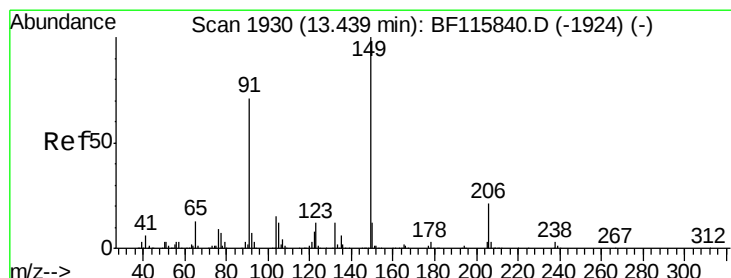
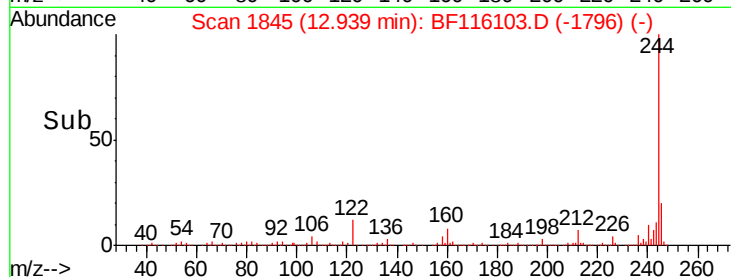
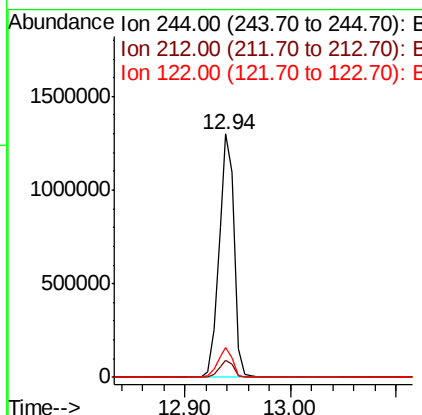
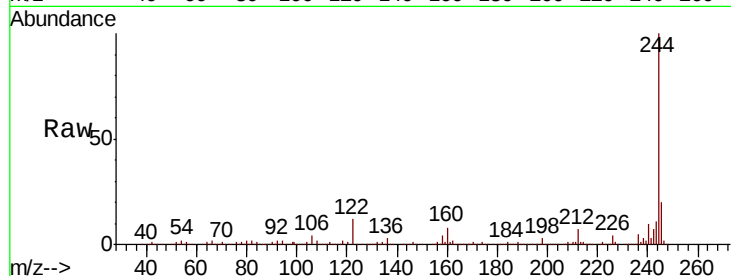
#79
 Terphenyl-d14
 Concen: 86.131 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116103.D
 Acq: 9 Aug 2019 10:37

Instrument :
 BNA_F
 ClientSampleId :
 PB122069BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.3	9.0	13.4

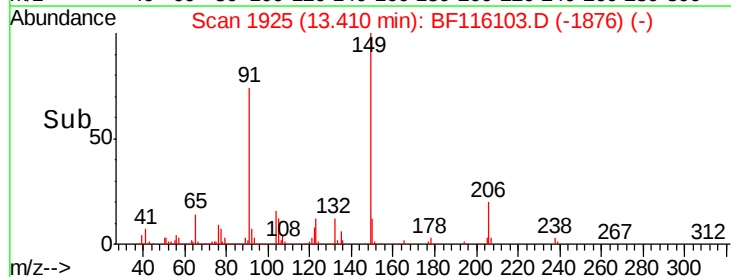
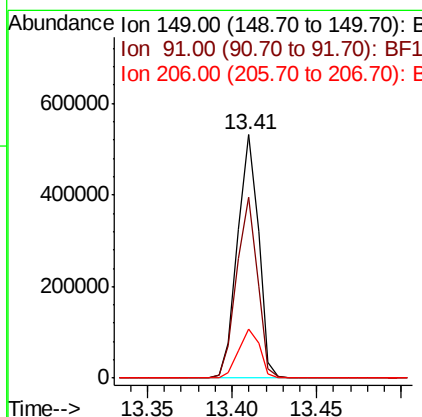
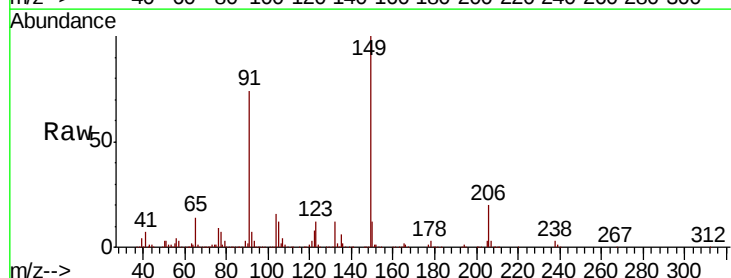
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#80
 Butylbenzylphthalate
 Concen: 45.233 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF116103.D
 Acq: 9 Aug 2019 10:37

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.2	56.3	84.5
206	20.0	18.0	27.0





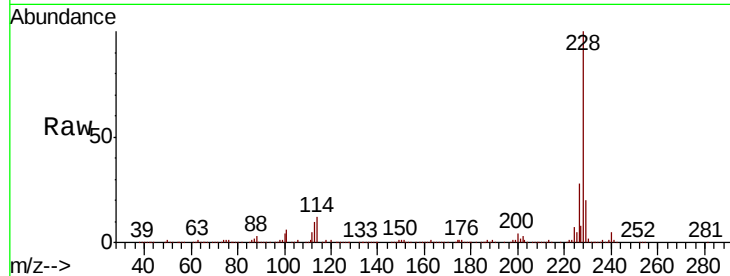
#81
Benzo(a)anthracene
Concen: 42.076 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampleId :
PB122069BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	855935		
226	27.6		22.7	34.1
229	20.2		16.2	24.4

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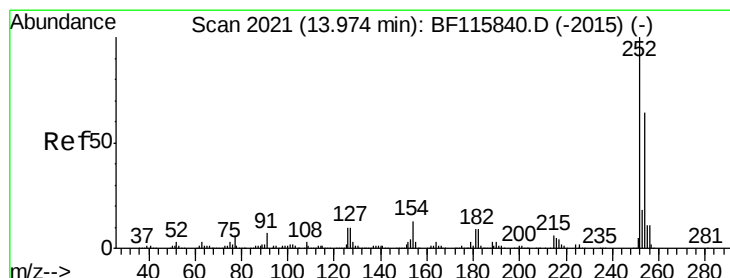
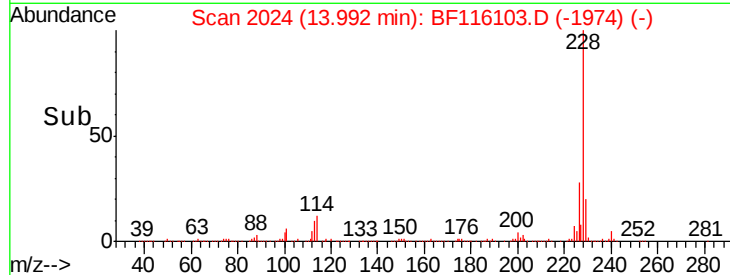
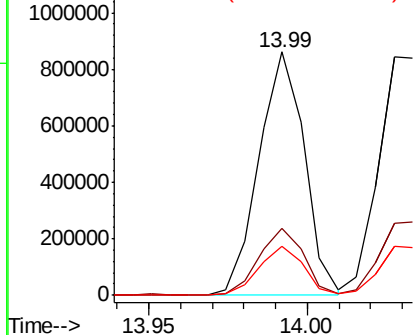


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 37.647 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

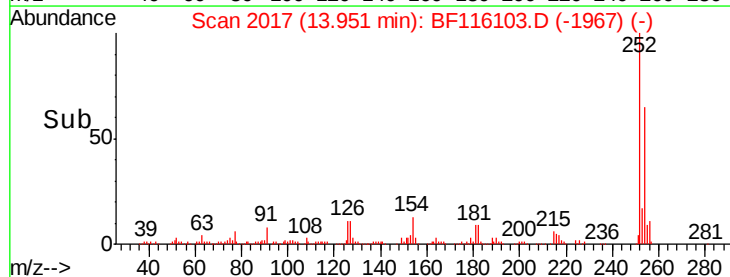
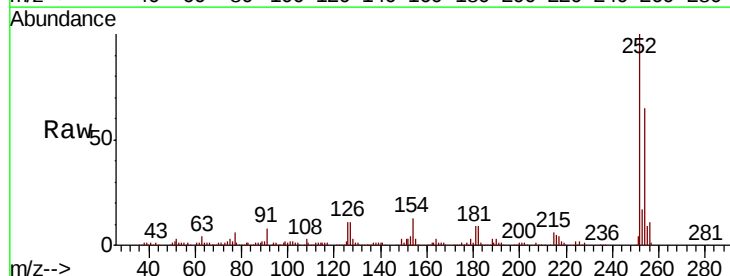
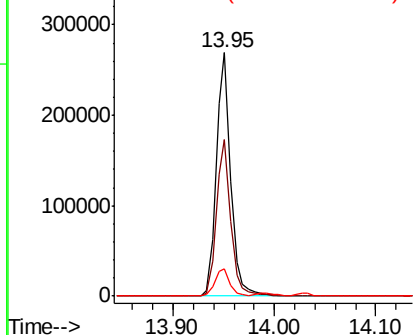
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	266063		
254	64.5		50.9	76.3
126	11.0		9.8	14.8

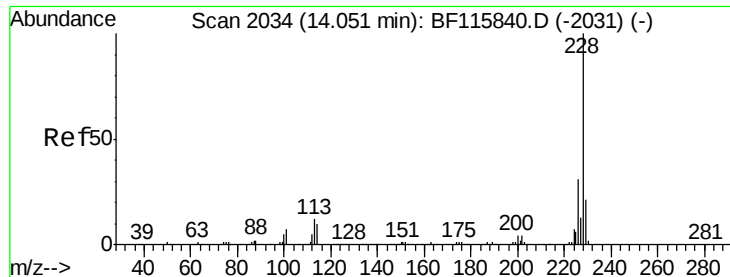
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





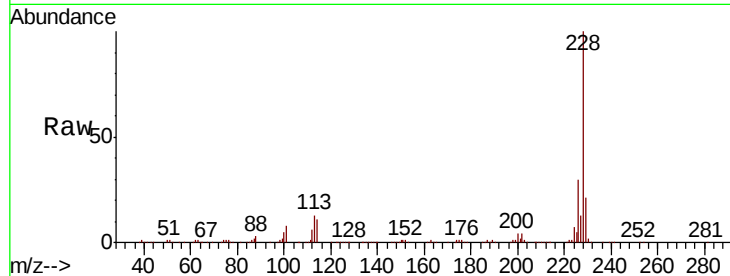
#83
 Chrvsene
 Concen: 42.709 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116103.D
 Acq: 9 Aug 2019 10:37

Instrument :
 BNA_F
 ClientSampleId :
 PB122069BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.5	38.3
229	20.5	16.6	24.8

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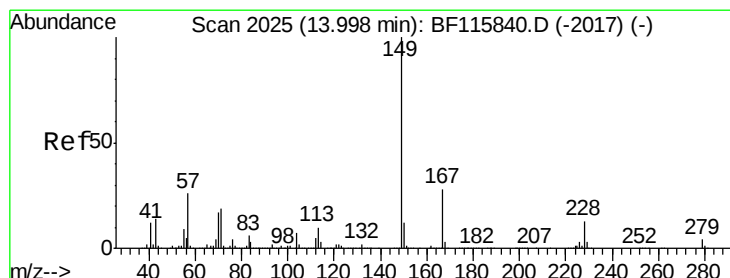
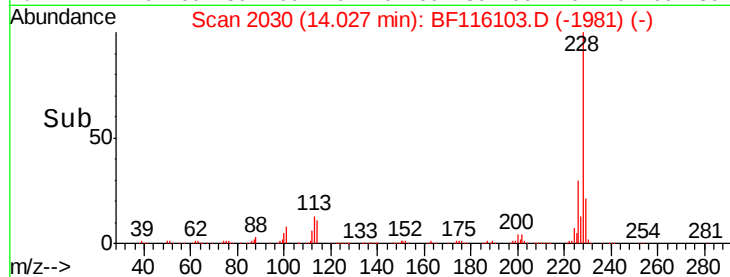
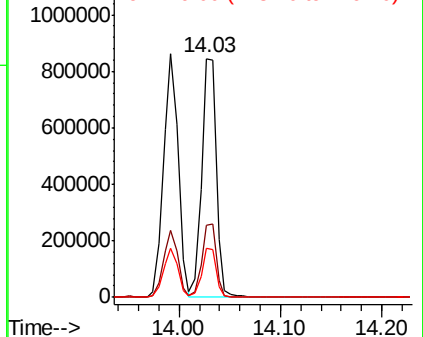


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.972 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116103.D
 Acq: 9 Aug 2019 10:37

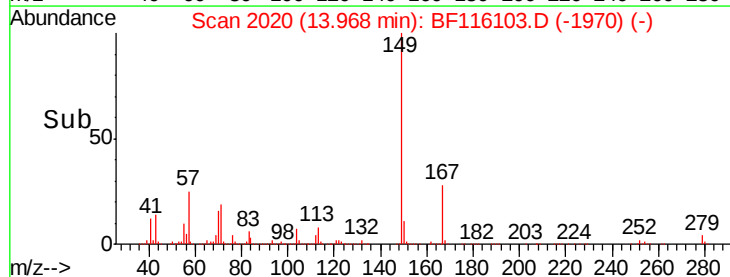
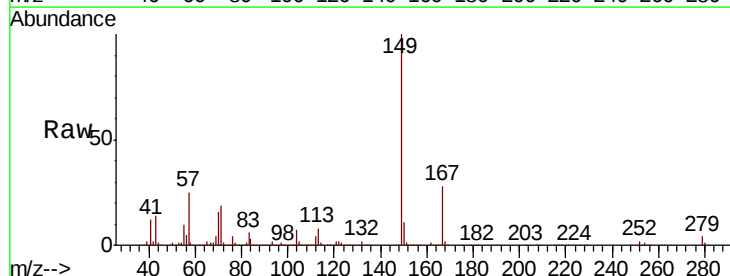
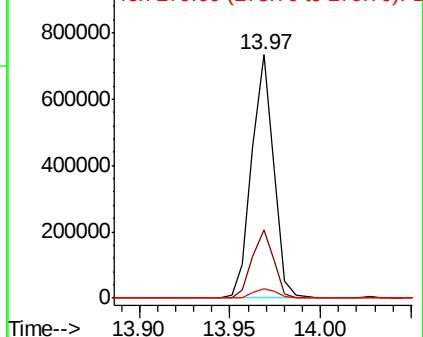
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.6	32.4
279	4.0	3.0	4.4

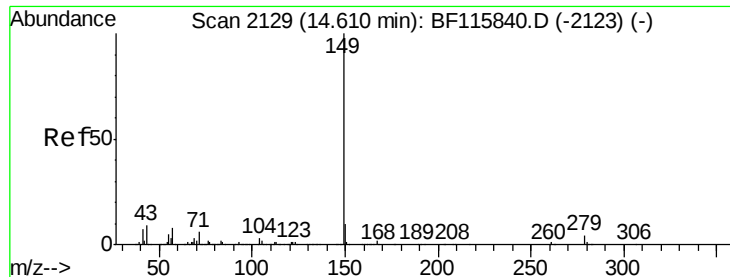
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





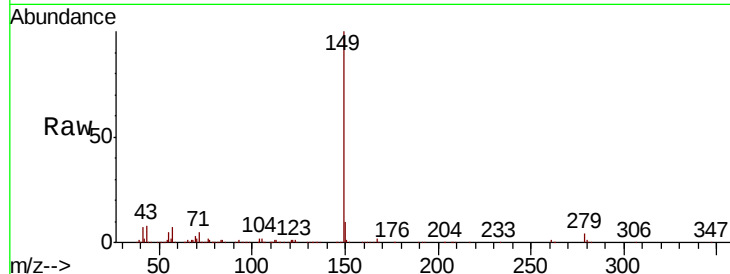
#85
Di-n-octyl phthalate
Concen: 45.709 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampled :
PB122069BS

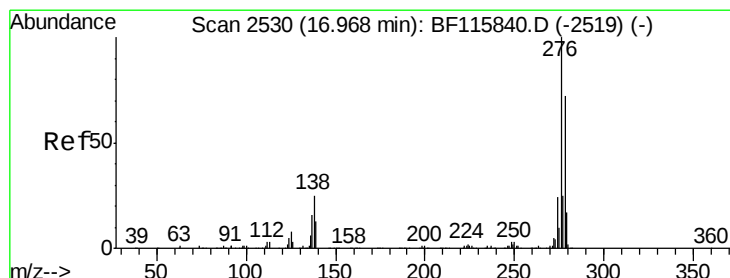
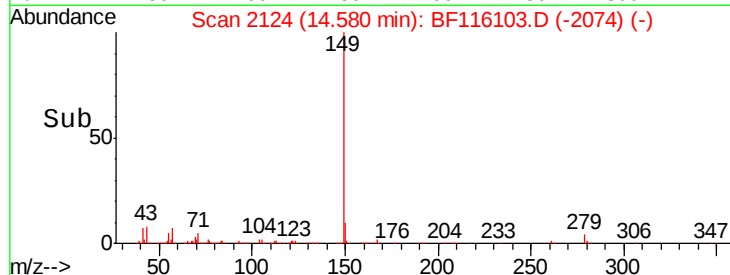
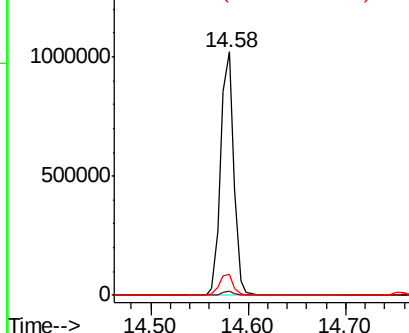
Tot Ion	Ratio	Resp	Lower	Upper
149	100	957468		
167	1.6		1.4	2.0
43	8.8		7.5	11.3

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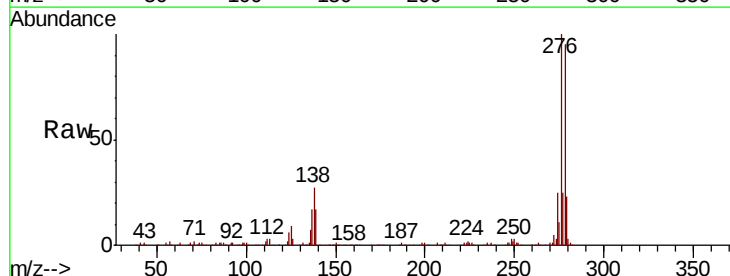


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

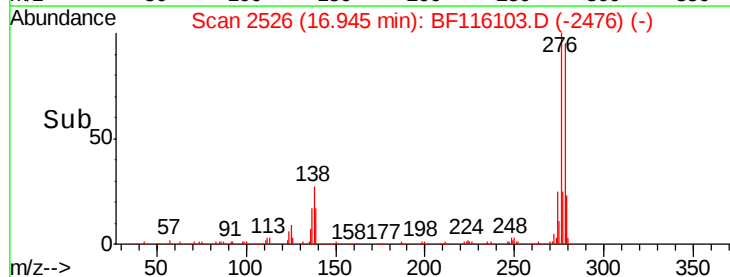
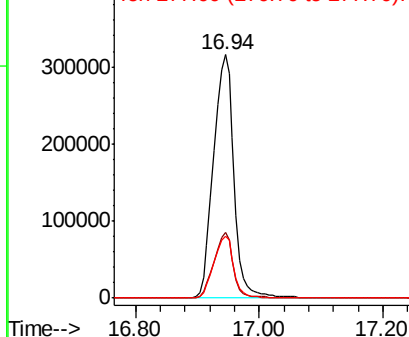


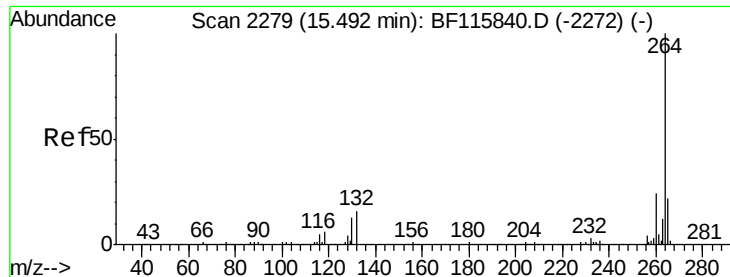
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.559 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	722532		
138	25.5		20.4	30.6
277	25.0		20.0	30.0



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





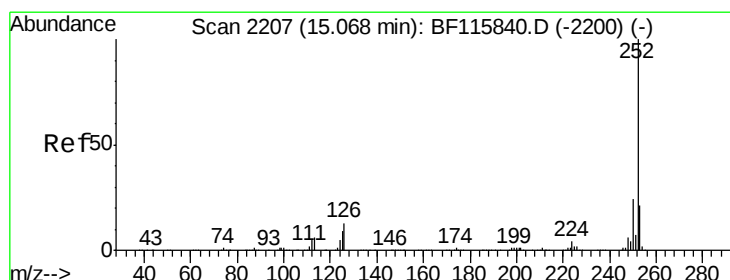
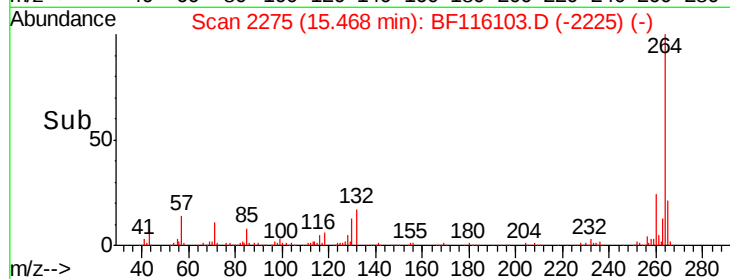
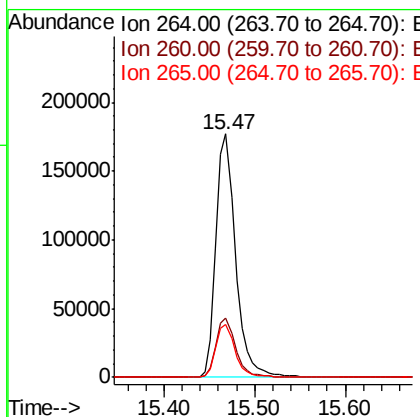
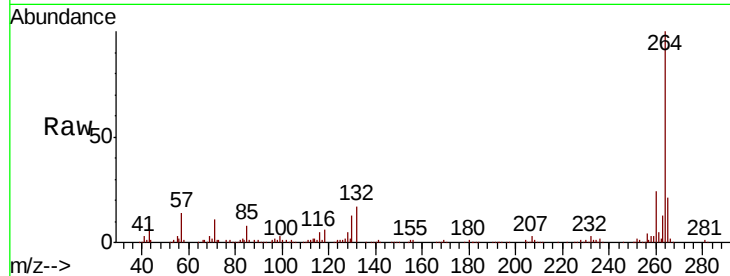
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampleId :
PB122069BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	21.5	17.4	26.0

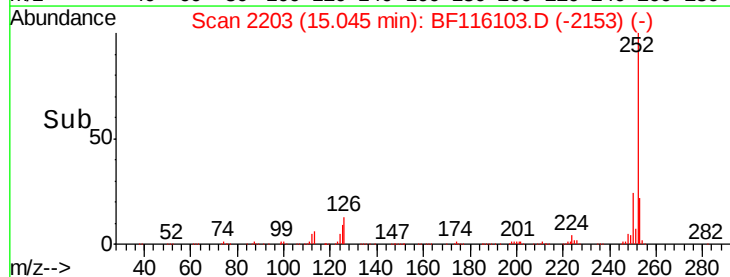
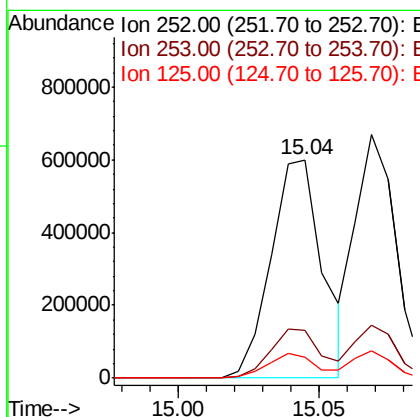
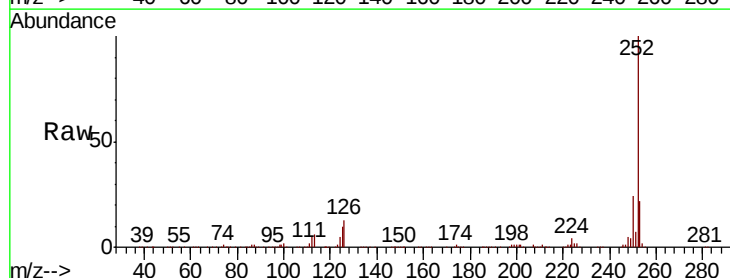
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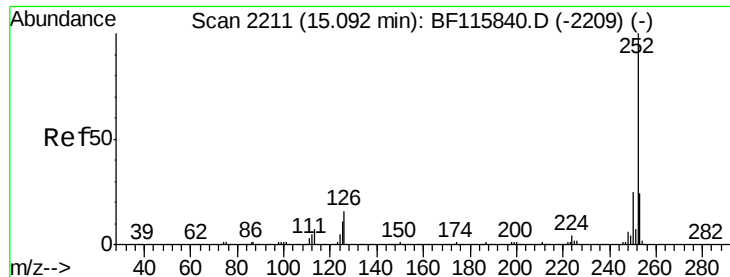
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#88
Benzo(b)fluoranthene
Concen: 49.488 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	9.6	8.4	12.6





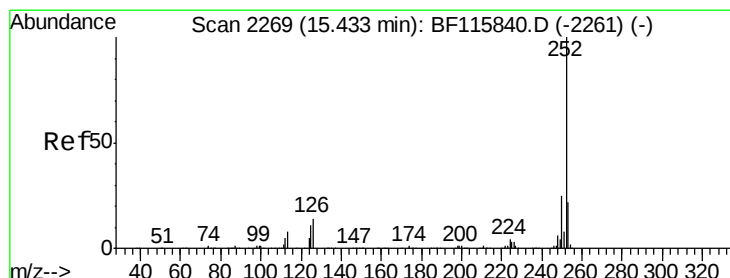
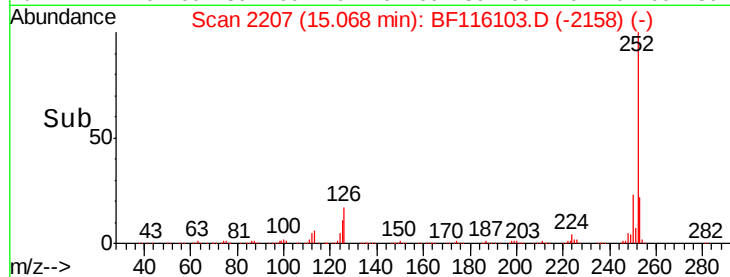
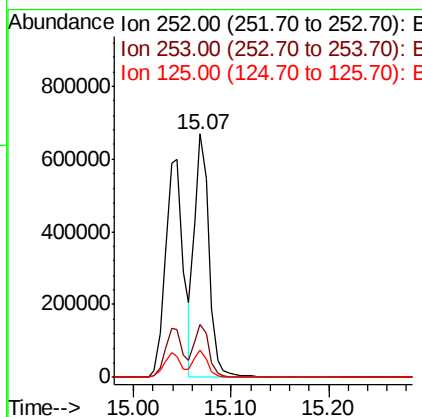
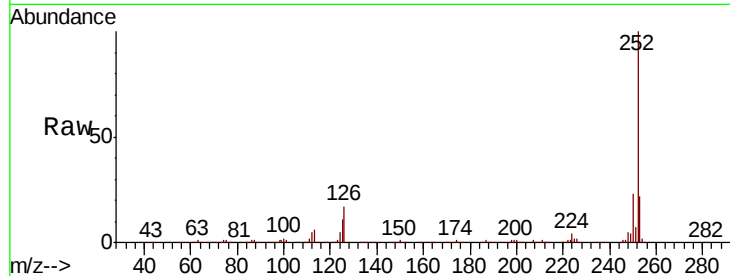
#89
Benzo(k)fluoranthene
Concen: 45.472 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampled :
PB122069BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	11.1	7.7	11.5

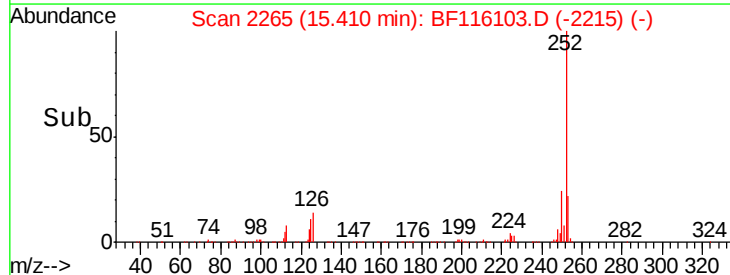
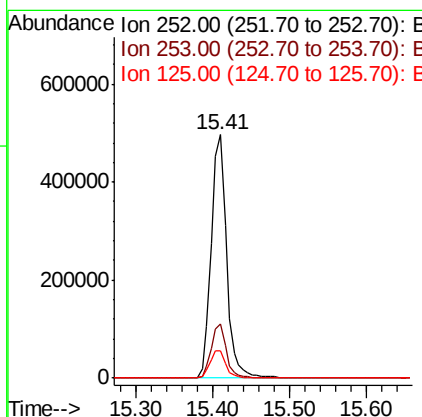
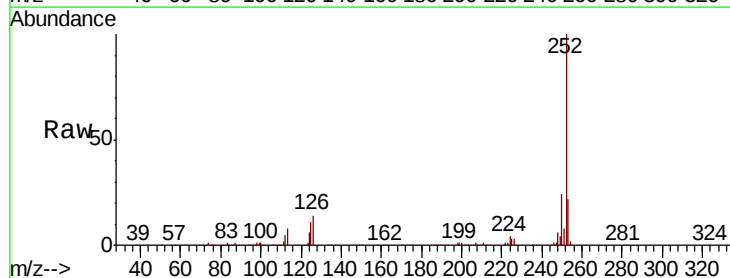
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#90
Benzo(a)pyrene
Concen: 49.286 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.0	8.9	13.3





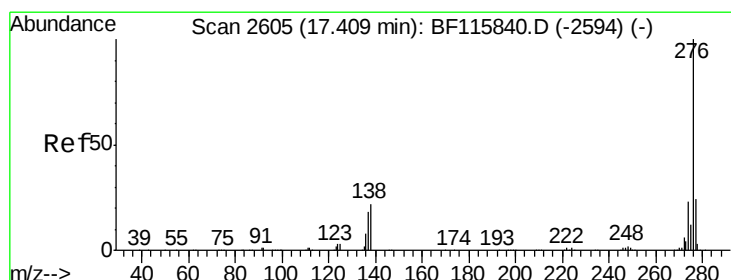
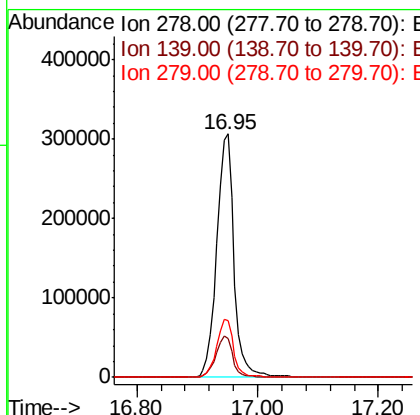
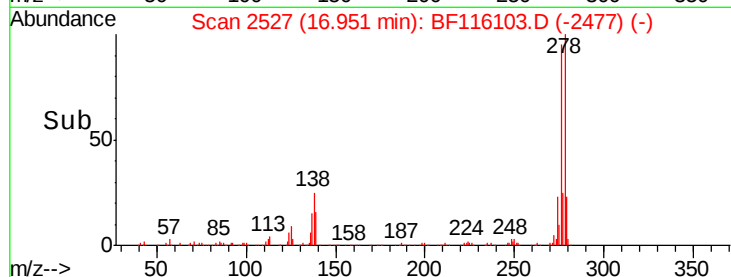
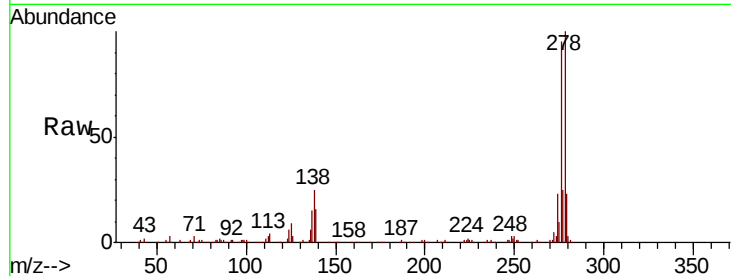
#91
Dibenzo(a,h)anthracene
Concen: 50.663 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Instrument :
BNA_F
ClientSampleId :
PB122069BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.8	19.2
279	23.2	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 51.583 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.00 min
Lab File: BF116103.D
Acq: 9 Aug 2019 10:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.4	27.6
138	21.4	17.0	25.6

