

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116063.D
 Acq On : 8 Aug 2019 12:36
 Operator : HP/JU
 Sample : PB122055BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122055BS

Manual Integrations
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mohammad
 8/14/2019 9:21:17 AM

Quant Time: Aug 09 15:25:39 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	141121	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	574509	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	304976	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	533657	20.00	ng	0.00
76) Chrysene-d12	14.00	240	384893	20.00	ng	0.00
87) Perylene-d12	15.46	264	314396	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	885864	105.09	ng	0.00
7) Phenol-d6	6.48	99	1127283	105.99	ng	0.00
23) Nitrobenzene-d5	7.40	82	721496	72.49	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	322020	108.91	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1259136	77.33	ng	-0.01
79) Terphenyl-d14	12.94	244	1460851	79.98	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.70	88	161304	37.877 ng	99
3) Pyridine	3.45	79	349136	29.348 ng	99
4) n-Nitrosodimethylamine	3.39	42	158889	33.844 ng	99
6) Aniline	6.50	93	419521	27.543 ng	97
8) 2-Chlorophenol	6.63	128	363706	39.017 ng	97
9) Benzaldehyde	6.39	77	111008	15.127 ng	98
10) Phenol	6.49	94	461993	36.887 ng	88
11) bis(2-Chloroethyl)ether	6.57	93	349686	37.975 ng	98
12) 1,3-Dichlorobenzene	6.78	146	385595	35.792 ng	98
13) 1,4-Dichlorobenzene	6.86	146	391904	36.332 ng	98
14) 1,2-Dichlorobenzene	7.01	146	364495	36.698 ng	99
15) Benzyl Alcohol	6.99	79	304178	37.686 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	463765	36.924 ng	97
17) 2-Methylphenol	7.10	107	307627	38.974 ng	98
18) Hexachloroethane	7.35	117	143374	36.101 ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	250636	38.029 ng	97
20) 3+4-Methylphenols	7.25	107	371854	39.811 ng	97
22) Acetophenone	7.25	105	498386	39.555 ng	# 98
24) Nitrobenzene	7.42	77	400086	37.229 ng	99
25) Isophorone	7.66	82	741255	38.949 ng	100
26) 2-Nitrophenol	7.74	139	200176	39.515 ng	95
27) 2,4-Dimethylphenol	7.77	122	329692	43.258 ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	451527	38.278 ng	99
29) 2,4-Dichlorophenol	7.98	162	318493	39.578 ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	338612	36.914 ng	98
31) Naphthalene	8.14	128	1053160	38.955 ng	99
32) Benzoic acid	7.93	122	192954	35.909 ng	96
33) 4-Chloroaniline	8.19	127	297340	24.615 ng	98
34) Hexachlorobutadiene	8.26	225	190495	36.054 ng	98
35) Caprolactam	8.56	113	97670m	37.527 ng	
36) 4-Chloro-3-methylphenol	8.68	107	334010	39.898 ng	96
37) 2-Methylnaphthalene	8.83	142	701272	39.386 ng	99
38) 1-Methylnaphthalene	8.93	142	662428	39.327 ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	323406	39.666 ng	99

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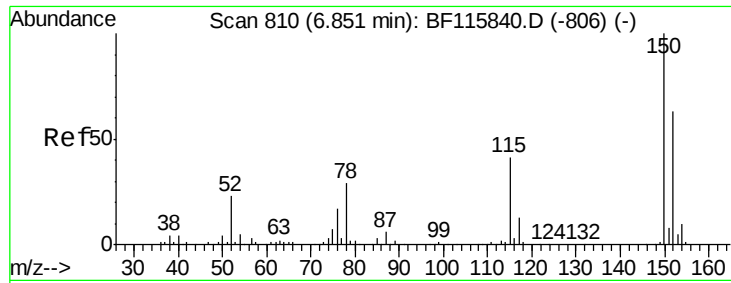
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	140224	41.396	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	210186	37.453	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	225240	38.827	ng	99
46) 1,1'-Biphenyl	9.30	154	857307	39.817	ng	97
47) 2-Chloronaphthalene	9.32	162	670793	37.432	ng	99
48) 2-Nitroaniline	9.42	65	212817	35.929	ng	97
49) Acenaphthylene	9.73	152	1030075	39.400	ng	99
50) Dimethylphthalate	9.60	163	809403	38.978	ng	99
51) 2,6-Dinitrotoluene	9.66	165	178870	39.637	ng	99
52) Acenaphthene	9.91	154	616852	38.459	ng	100
53) 3-Nitroaniline	9.83	138	146167	26.214	ng	96
54) 2,4-Dinitrophenol	9.95	184	151881	67.523	ng	94
55) Dibenzofuran	10.08	168	908054	38.931	ng	100
56) 4-Nitrophenol	10.00	139	243784	68.249	ng	96
57) 2,4-Dinitrotoluene	10.07	165	232172	38.642	ng	99
58) Fluorene	10.42	166	709412	39.531	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	189640	38.856	ng	99
60) Diethylphthalate	10.29	149	780347	40.251	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	358544	39.450	ng	97
62) 4-Nitroaniline	10.45	138	194352	33.727	ng	99
63) Azobenzene	10.57	77	790573	39.646	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	115083	40.694	ng	99
66) n-Nitrosodiphenylamine	10.53	169	641689	39.949	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	220932	38.673	ng	94
68) Hexachlorobenzene	10.98	284	249030	37.698	ng	93
69) Atrazine	11.06	200	200000	37.848	ng	98
70) Pentachlorophenol	11.17	266	232406	72.465	ng	98
71) Phenanthrene	11.39	178	1056223	38.715	ng	100
72) Anthracene	11.44	178	1091880	39.546	ng	99
73) Carbazole	11.59	167	994072	39.685	ng	99
74) Di-n-butylphthalate	11.92	149	1208483	41.356	ng	99
75) Fluoranthene	12.57	202	1125730	39.415	ng	98
77) Benzidine	12.69	184	318442	24.489	ng	98
78) Pyrene	12.80	202	1136326	39.165	ng	100
80) Butylbenzylphthalate	13.41	149	513832	41.867	ng	96
81) Benzo(a)anthracene	13.99	228	956848	38.895	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	301854	35.318	ng	99
83) Chrysene	14.03	228	938112	39.278	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	708420	44.419	ng	99
85) Di-n-octyl phthalate	14.58	149	1130651	44.633	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	794942	39.629	ng	100
88) Benzo(b)fluoranthene	15.04	252	837441	46.067	ng	99
89) Benzo(k)fluoranthene	15.07	252	840332	47.459	ng	99
90) Benzo(a)pyrene	15.40	252	777874	47.868	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	671947	47.769	ng	99
92) Benzo(g,h,i)perylene	17.37	276	659854	47.765	ng	98

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



#1

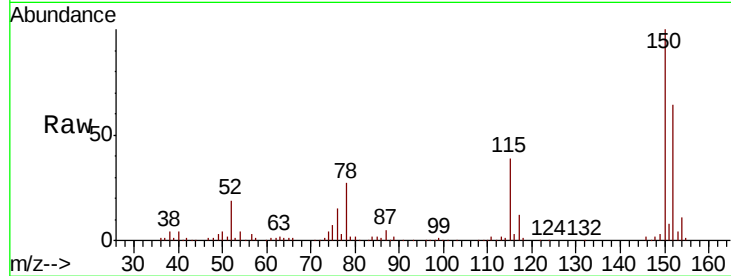
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.2	189.2
115	60.3	49.9	74.9

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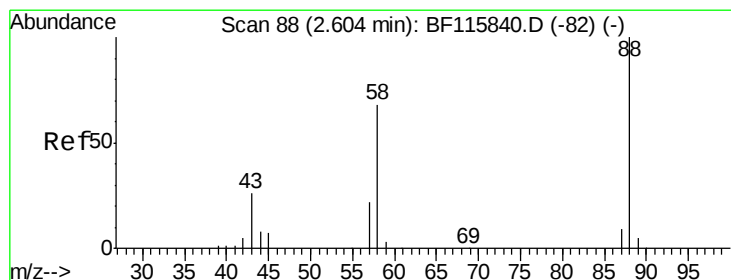
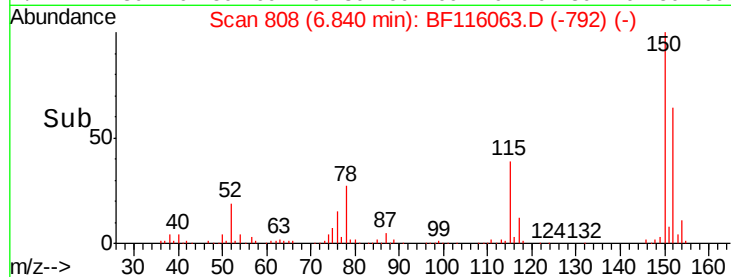
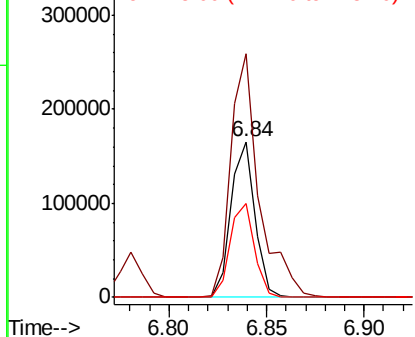


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

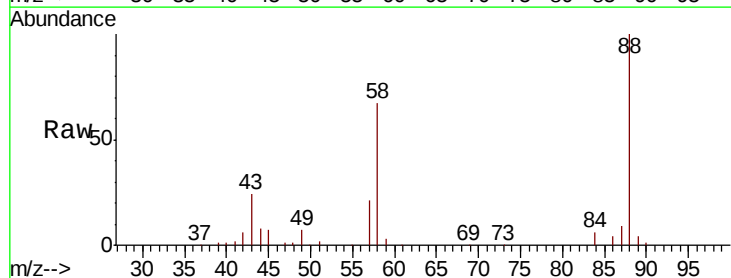
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.877 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.09 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.6	53.7	80.5
43	26.2	21.0	31.4

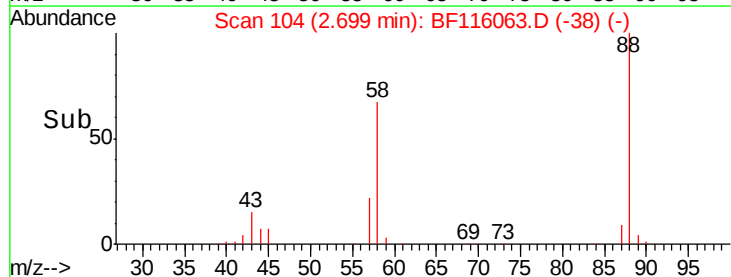
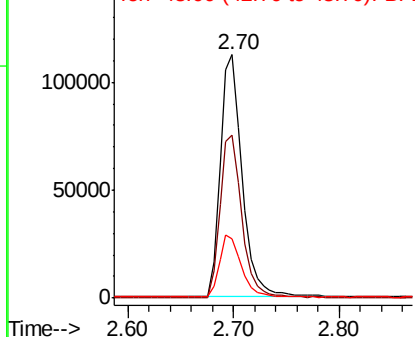


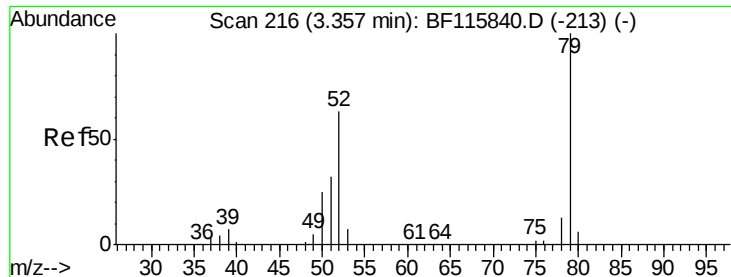
Abundance

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





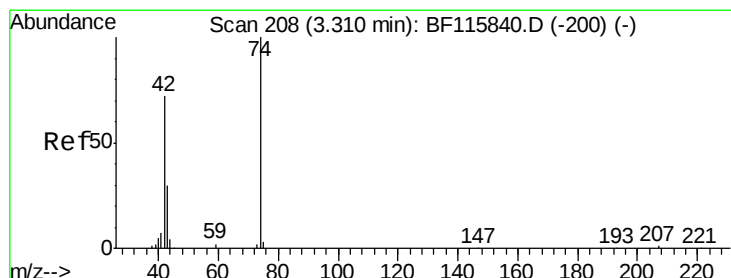
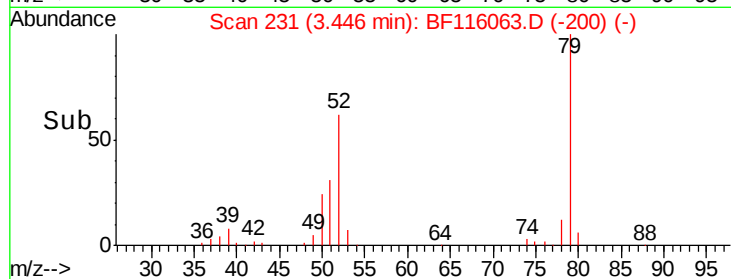
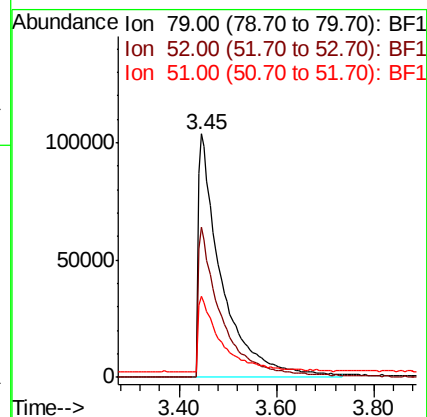
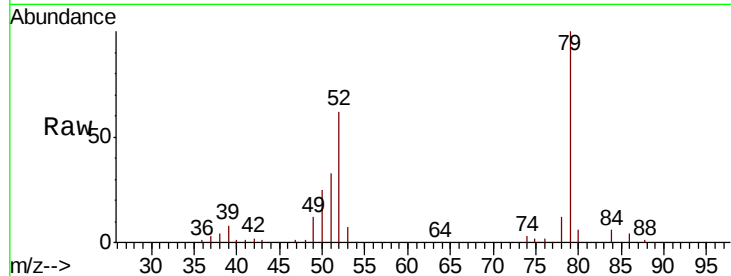
#3
Pvridine
Concen: 29.348 ng
RT: 3.45 min Scan# 231
Delta R.T. 0.08 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.7	49.8	74.8
51	33.2	25.2	37.8

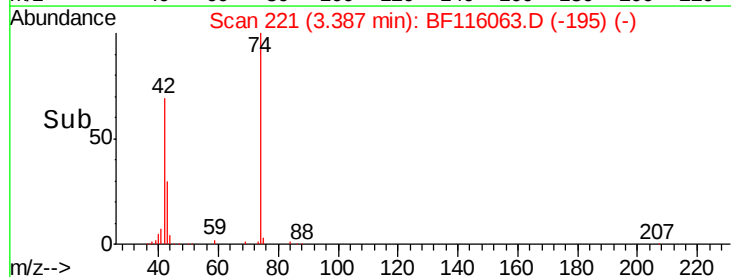
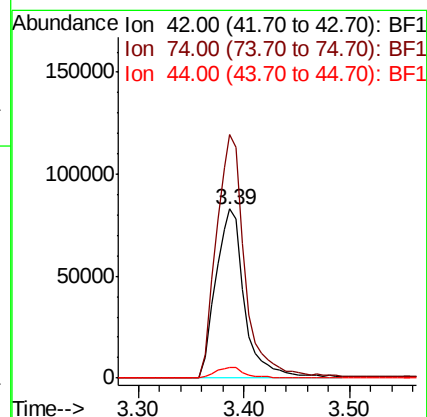
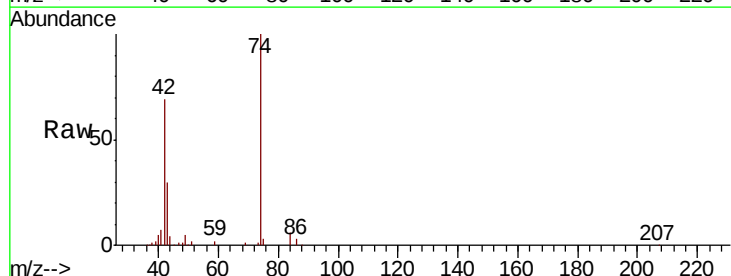
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#4
n-Nitrosodimethylamine
Concen: 33.844 ng
RT: 3.39 min Scan# 221
Delta R.T. 0.05 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.3	116.0	174.0
44	6.1	4.6	7.0





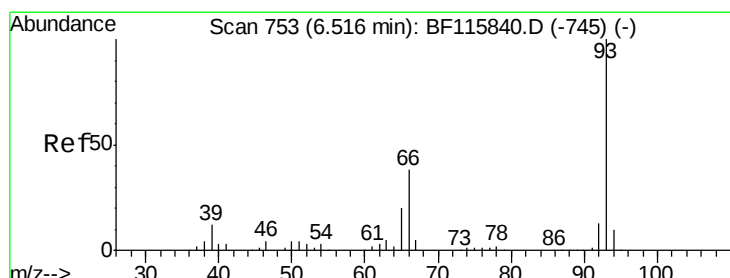
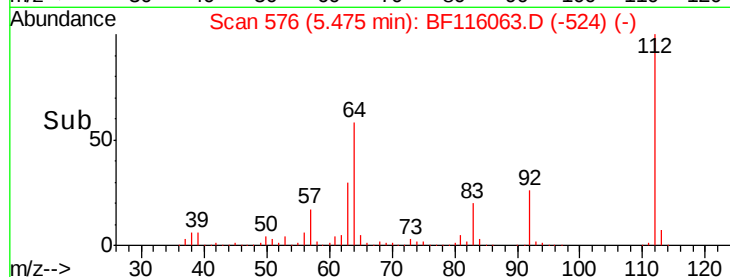
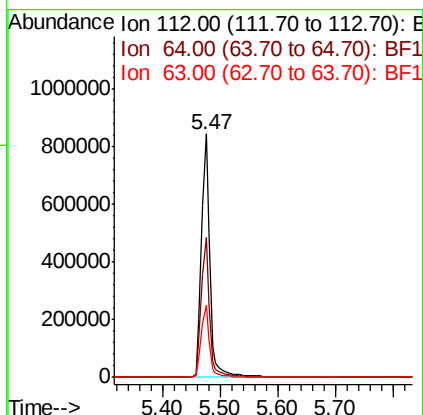
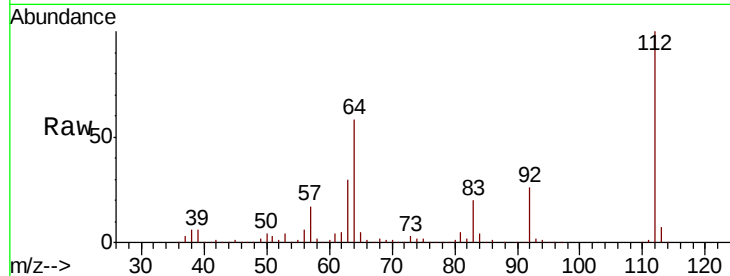
#5
2-Fluorophenol
Concen: 105.086 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	885864		
64	57.7	45.4	68.2	
63	29.9	23.7	35.5	

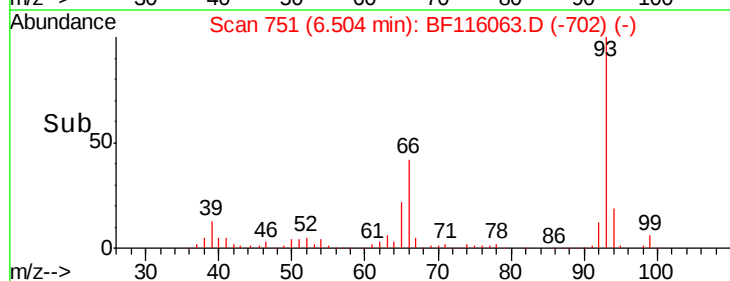
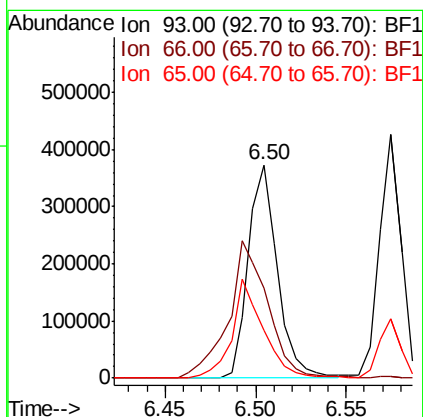
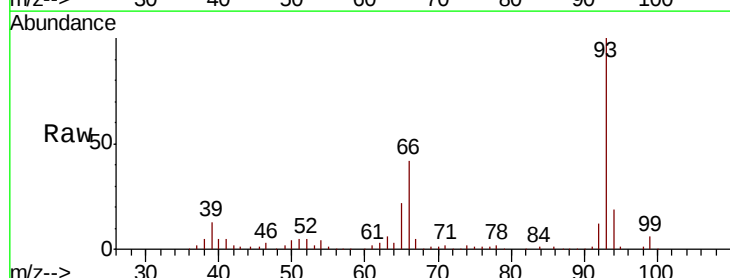
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#6
Aniline
Concen: 27.543 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	419521		
66	42.0	32.2	48.4	
65	22.3	17.0	25.6	





#7

Phenol-d6

Concen: 105.990 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

ClientSampleId :

PB122055BS

Tot Ion: 99 Resp: 1127283

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.8

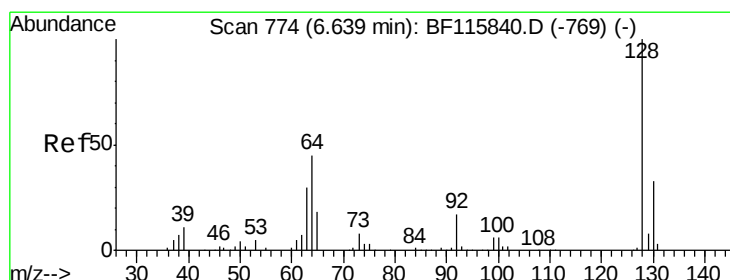
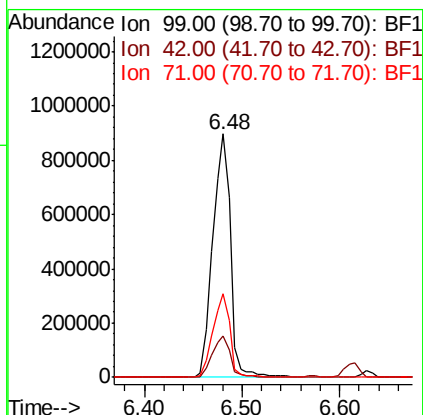
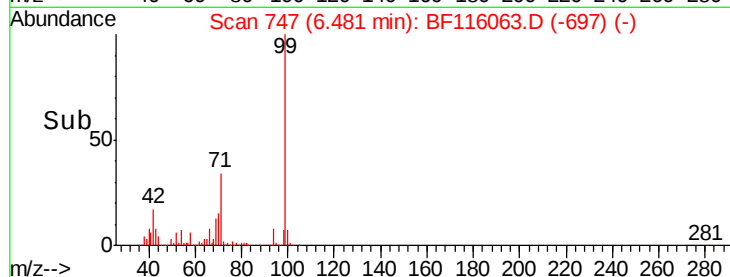
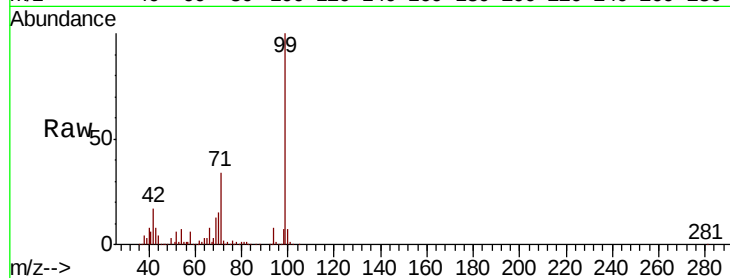
71 34.2 27.3 40.9

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#8

2-Chlorophenol

Concen: 39.017 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

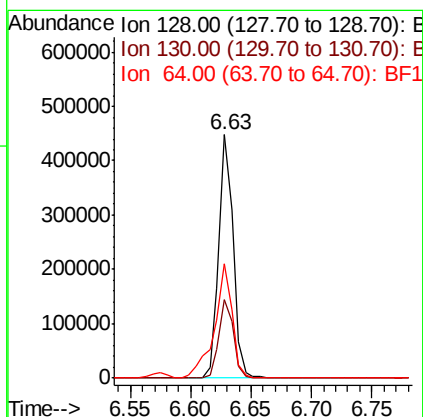
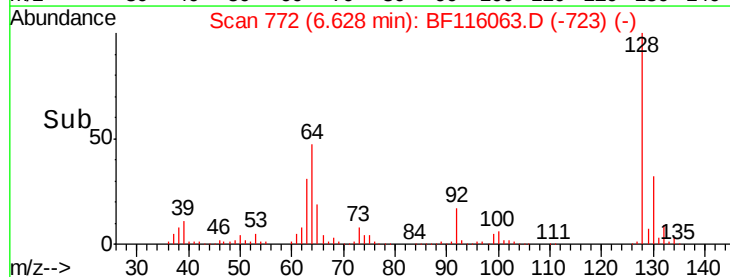
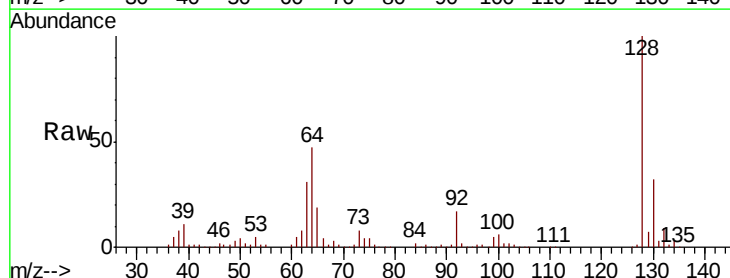
Tgt Ion: 128 Resp: 363706

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

64 47.1 24.3 64.3





#9

Benzaldehyde

Concen: 15.127 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

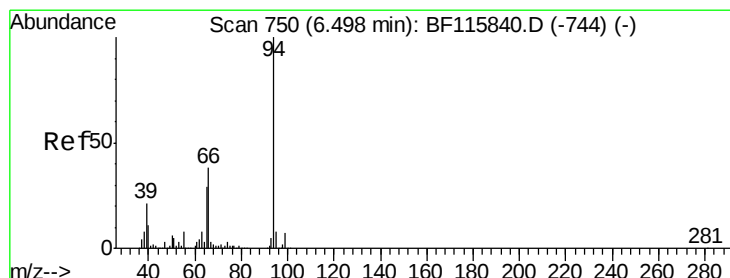
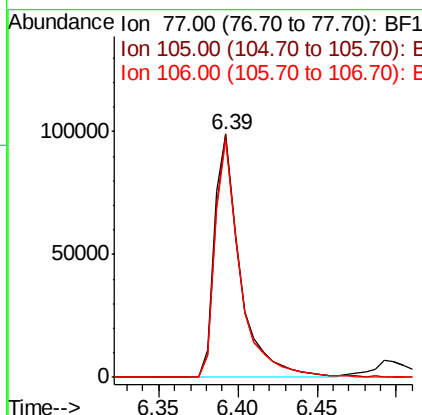
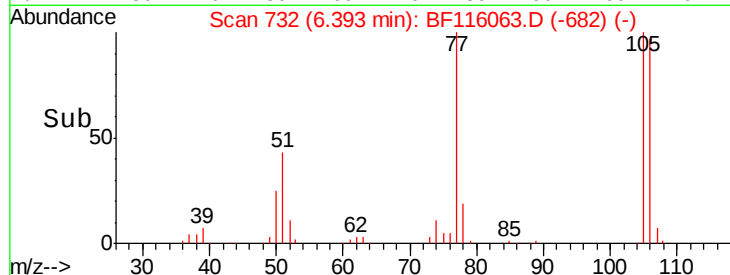
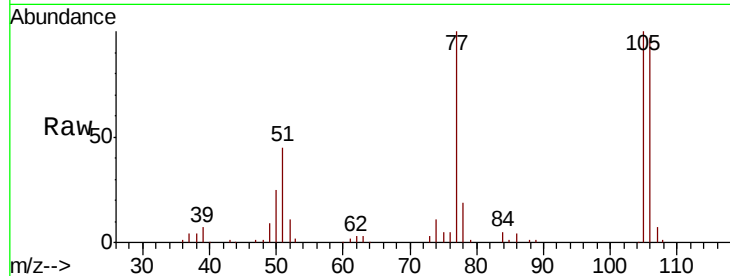
ClientSampled :

PB122055BS

Tot Ion:	77	Resp:	111008
Ion	Ratio	Lower	Upper
77	100		
105	100.4	79.2	119.2
106	97.7	74.3	114.3

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#10

Phenol

Concen: 36.887 ng

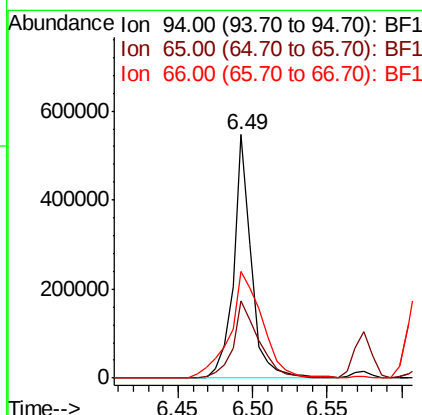
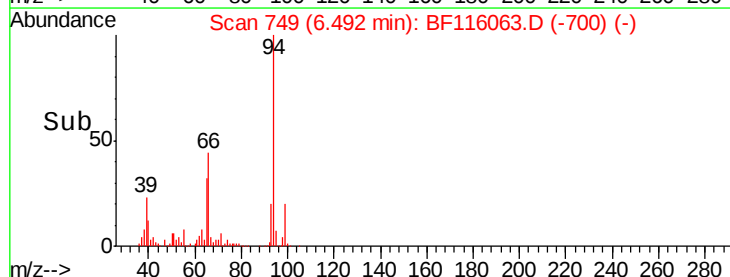
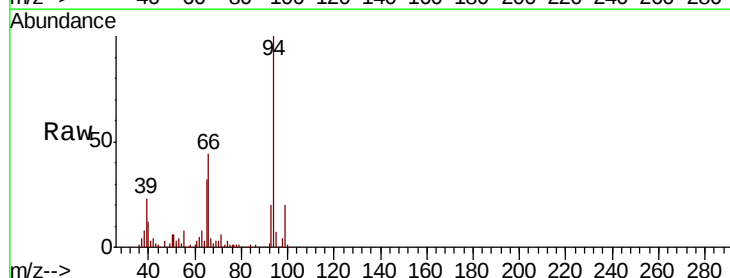
RT: 6.49 min Scan# 749

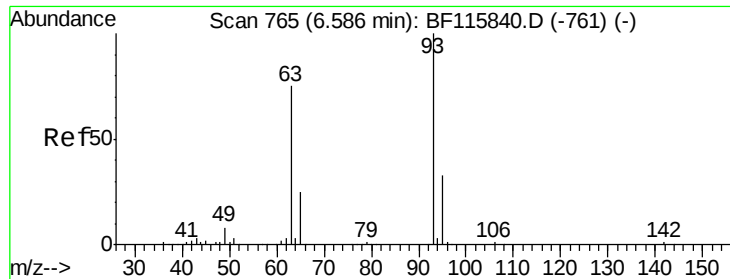
Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Tgt Ion:	94	Resp:	461993
Ion	Ratio	Lower	Upper
94	100		
65	31.6	16.8	56.8
66	43.8	34.2	74.2





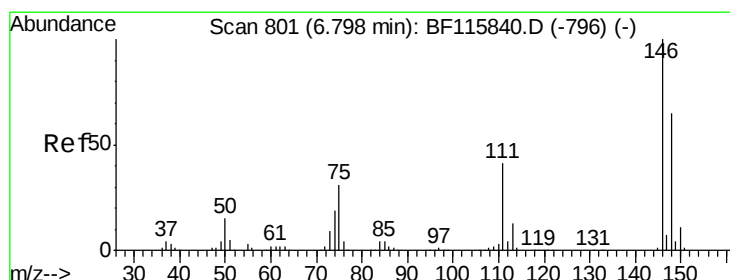
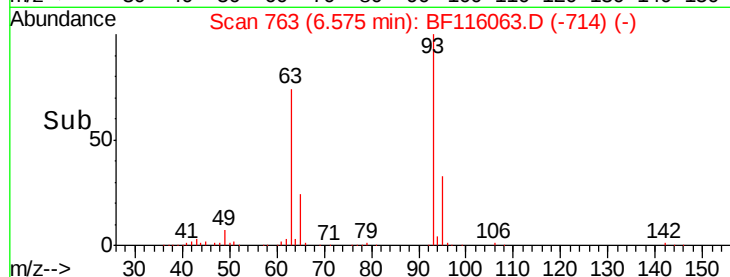
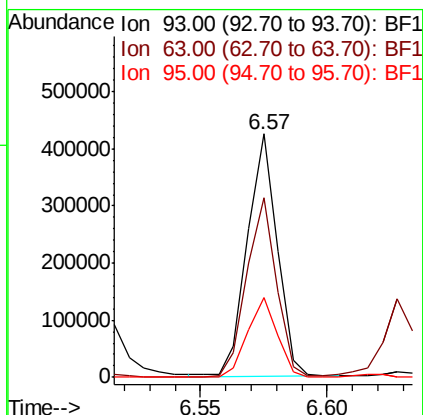
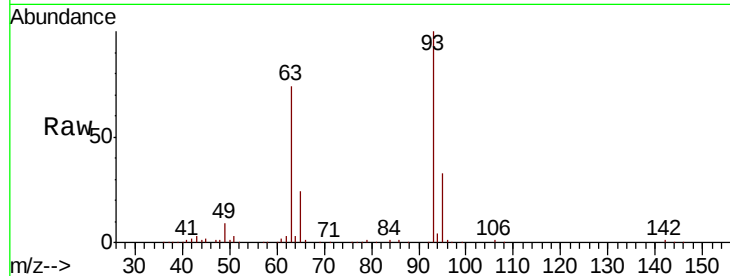
#11
bis(2-Chloroethyl)ether
Concen: 37.975 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Tot Ion:	93	Resp:	349686
Ion	Ratio	Lower	Upper
93	100		
63	73.8	51.9	91.9
95	32.7	13.0	53.0

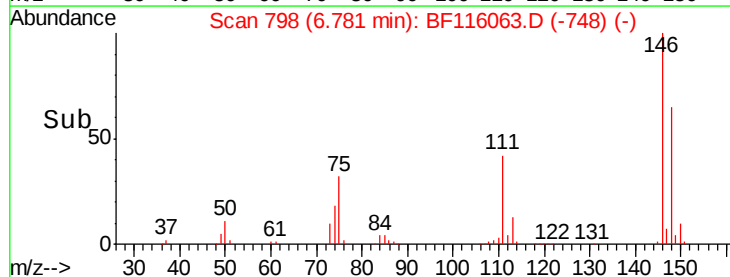
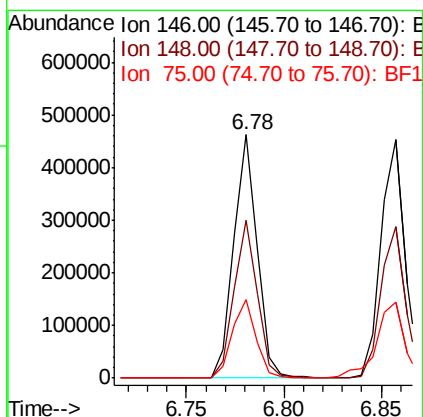
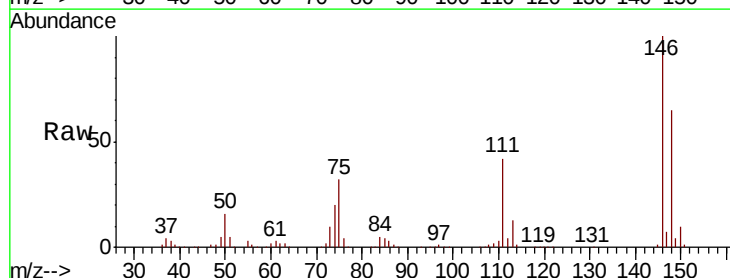
Manual Integrations
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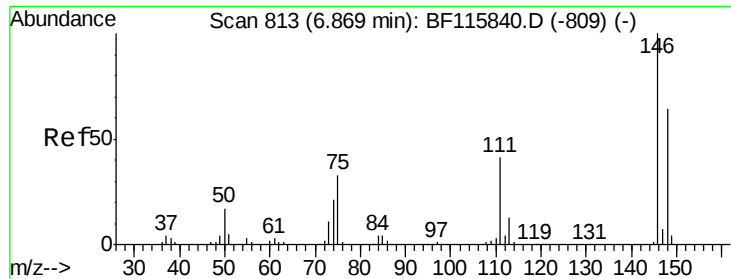
mohammad
8/14/2019 9:21:17 AM



#12
1,3-Dichlorobenzene
Concen: 35.792 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion:	146	Resp:	385595
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.3	76.9
75	32.2	27.4	41.2





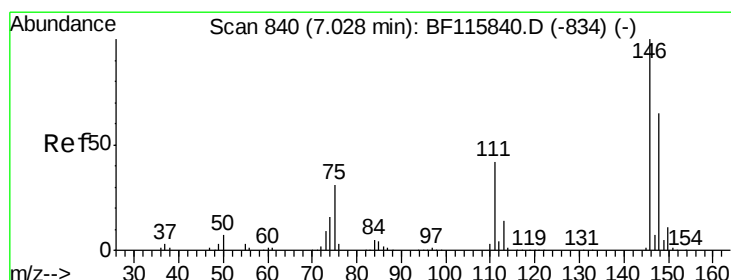
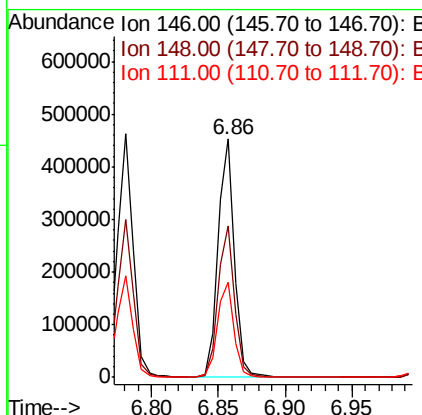
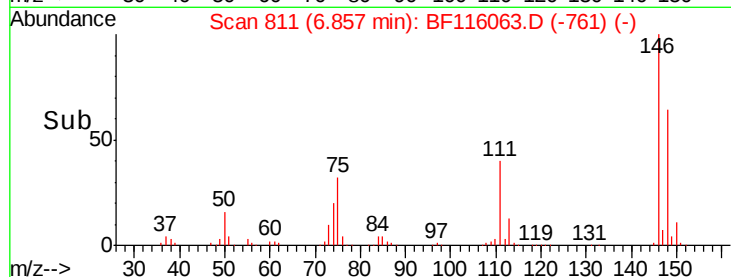
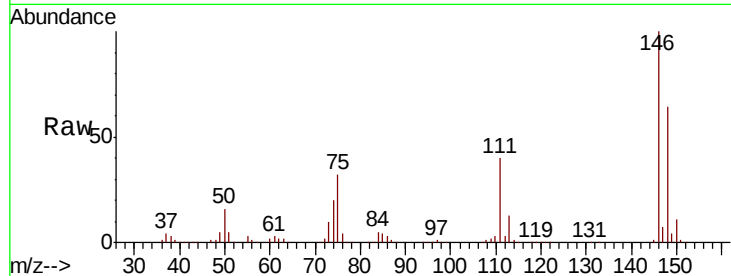
#13
 1,4-Dichlorobenzene
 Concen: 36.332 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB122055BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.3	76.9
111	39.7	34.0	51.0

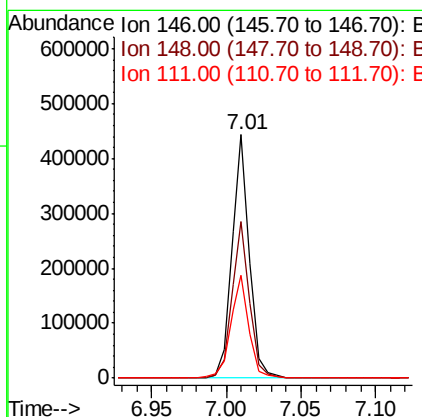
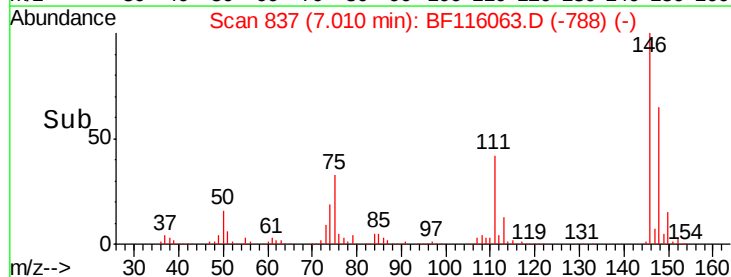
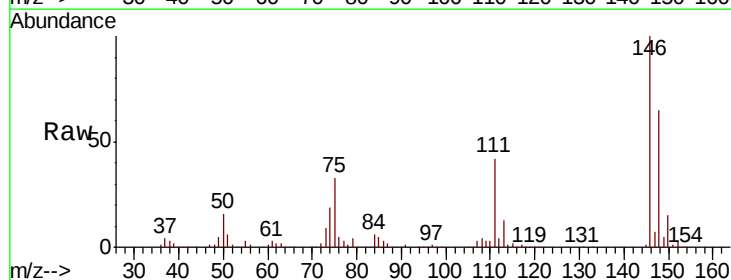
Manual Integrations
 APPROVED

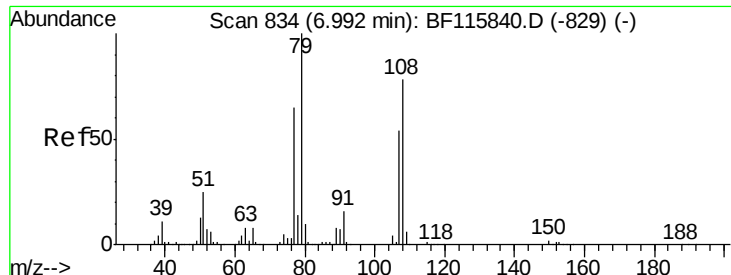
mohammad
 8/14/2019 9:21:17 AM



#14
 1,2-Dichlorobenzene
 Concen: 36.698 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.2	76.8
111	42.3	33.5	50.3





#15

Benzyl Alcohol

Concen: 37.686 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

ClientSampleId :

PB122055BS

Tot Ion: 79 Resp: 304178

Ion Ratio Lower Upper

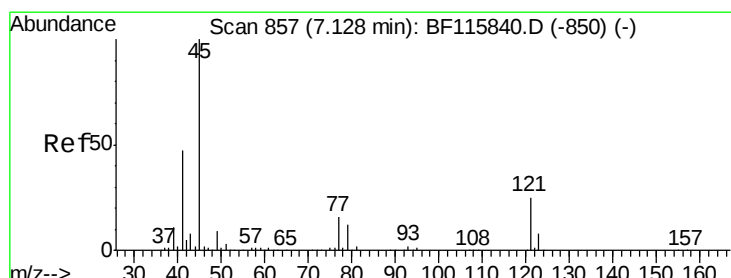
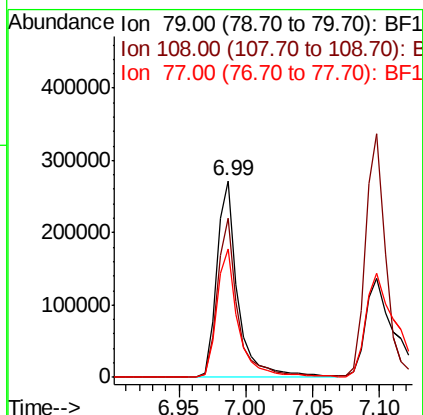
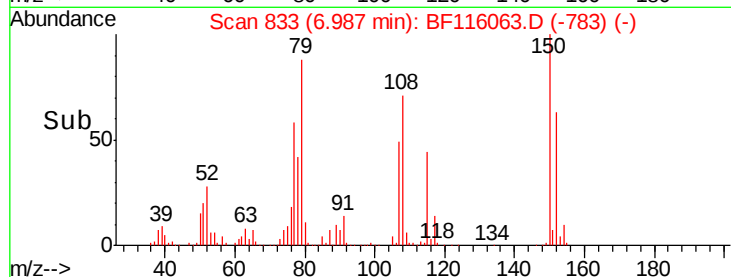
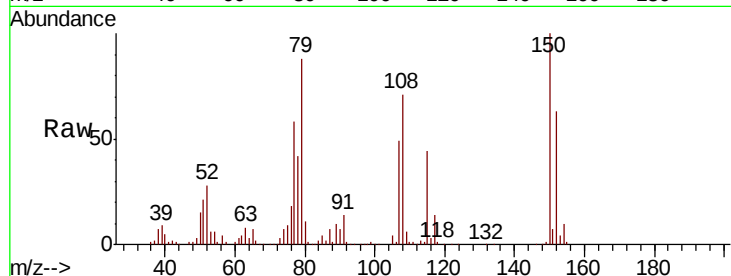
79 100

108 80.8 62.7 94.1

77 65.6 52.2 78.2

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.924 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

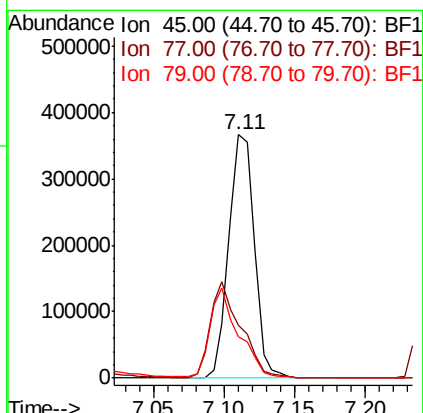
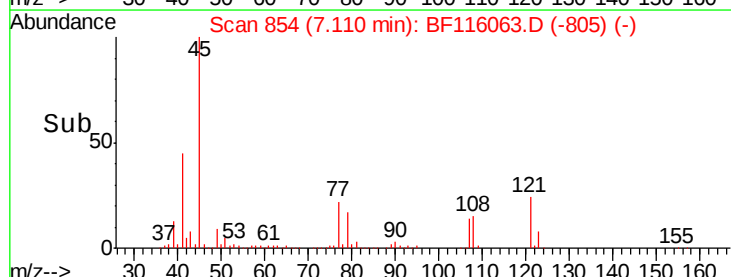
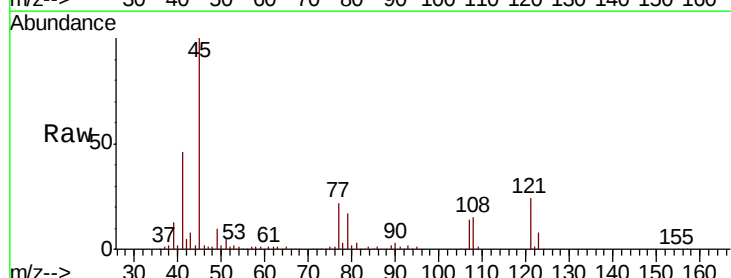
Tgt Ion: 45 Resp: 463765

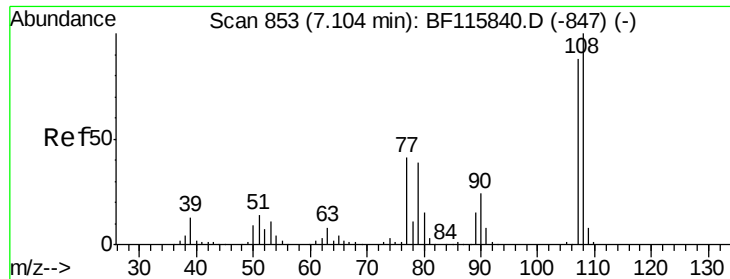
Ion Ratio Lower Upper

45 100

77 21.7 0.0 40.0

79 17.2 0.0 35.9





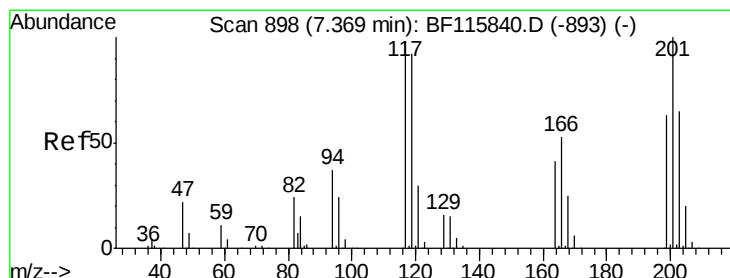
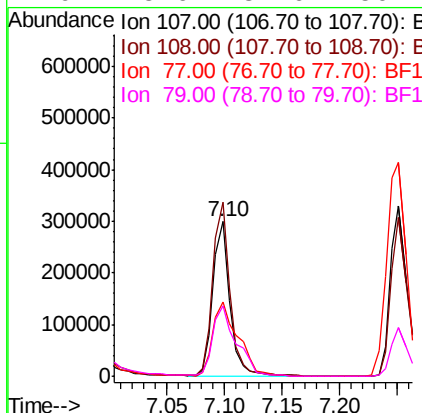
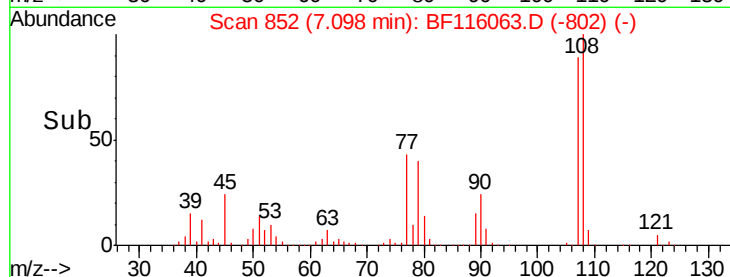
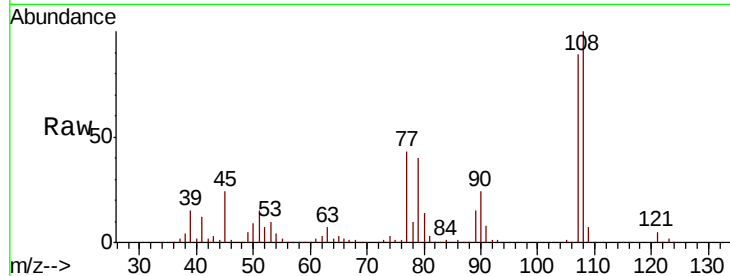
#17
2-Methylphenol
Concen: 38.974 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	91.2	136.8	
77	48.4	40.3	60.5	
79	45.6	37.6	56.4	

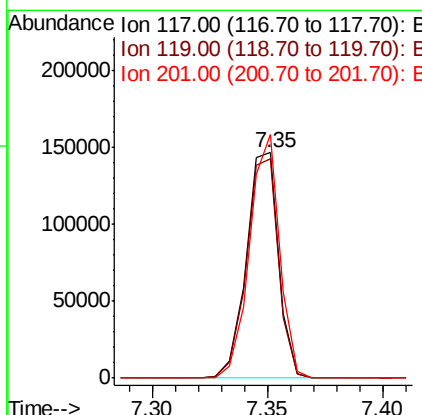
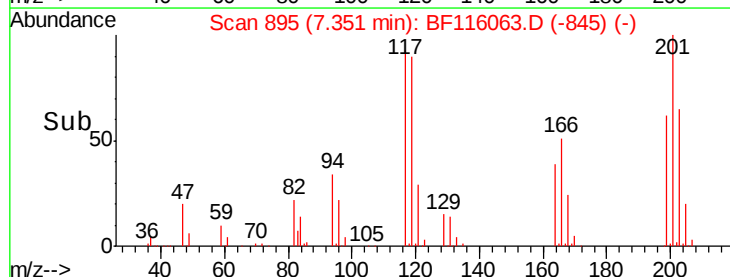
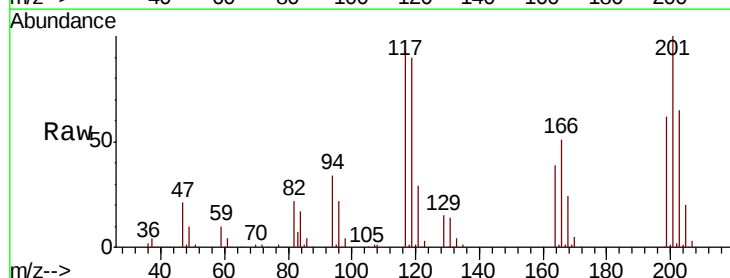
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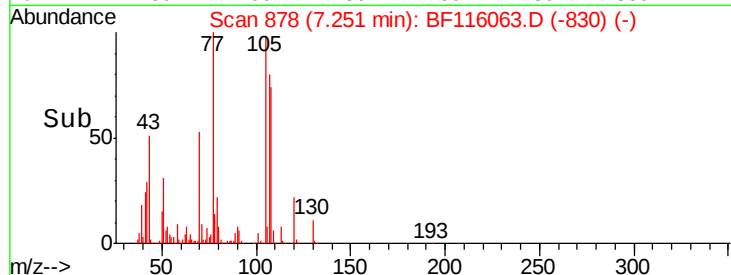
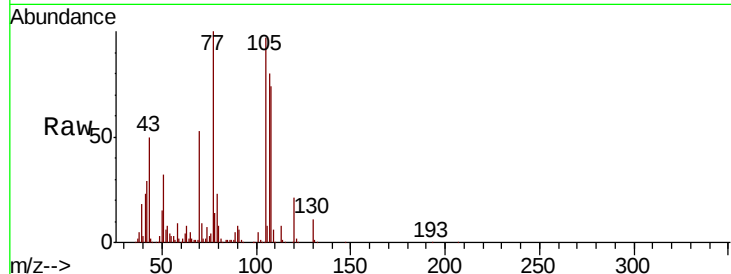
mohammad
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#18
Hexachloroethane
Concen: 36.101 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.5	76.1	114.1	
201	107.9	77.0	115.4	





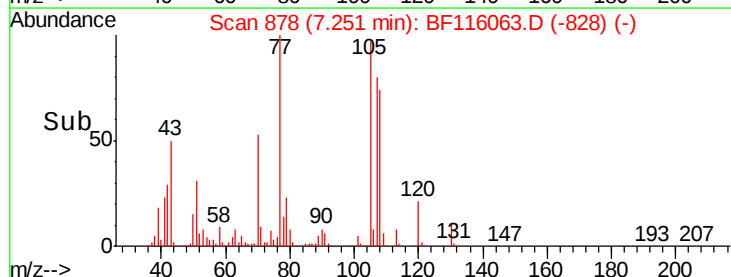
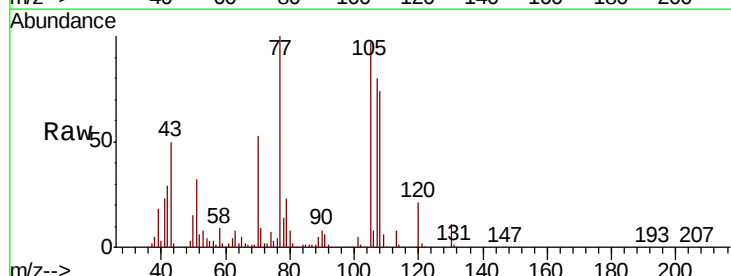
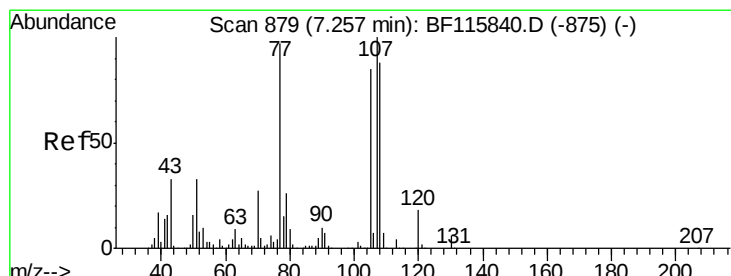
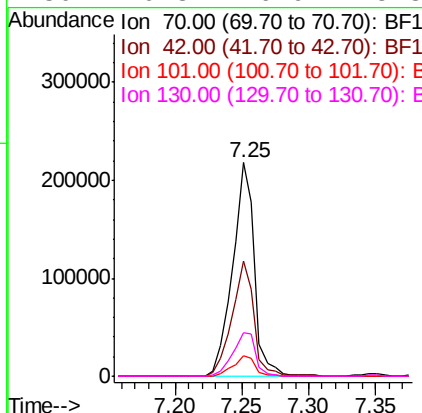
#19
n-Nitroso-di-n-propylamine
Concen: 38.029 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	54.1	40.9	61.3	
101	9.5	7.9	11.9	
130	20.3	16.9	25.3	

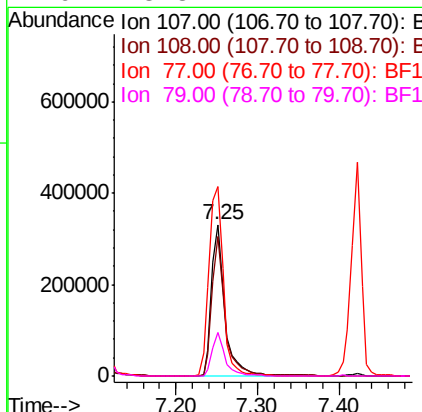
Manual Integrations
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#20
3+4-Methylphenols
Concen: 39.811 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	92.6	67.6	107.6	
77	125.0	104.4	144.4	
79	28.8	7.4	47.4	





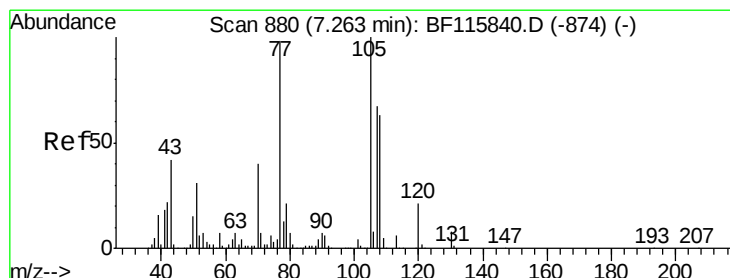
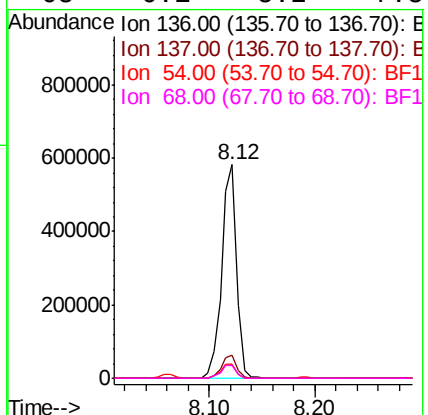
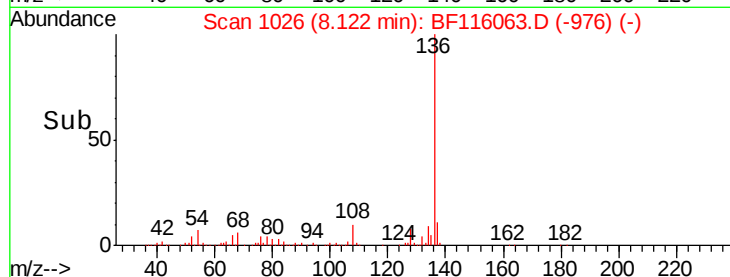
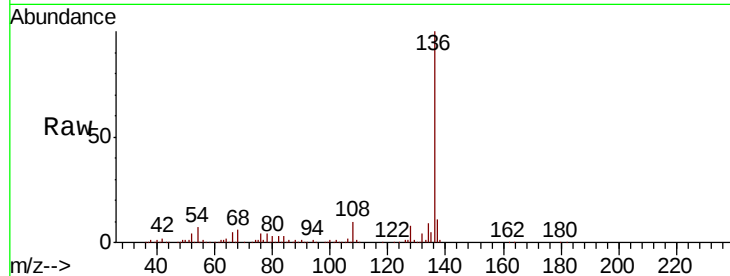
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		574509		
137	10.8	9.0	13.4		
54	6.7	5.8	8.6		
68	6.1	5.2	7.8		

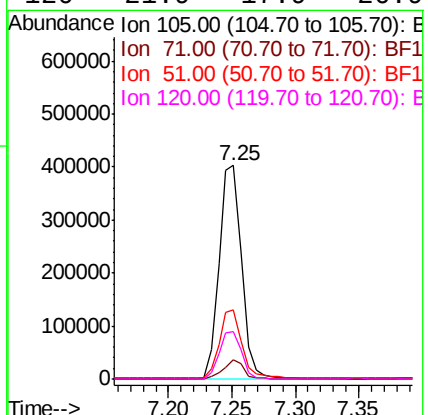
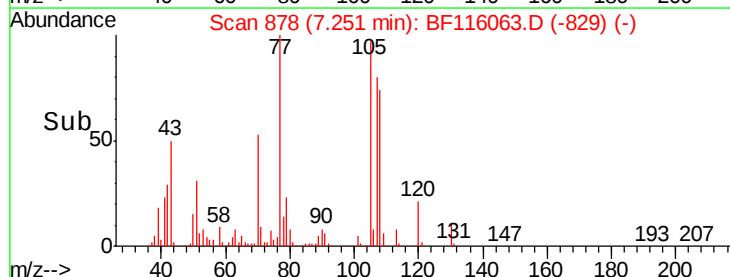
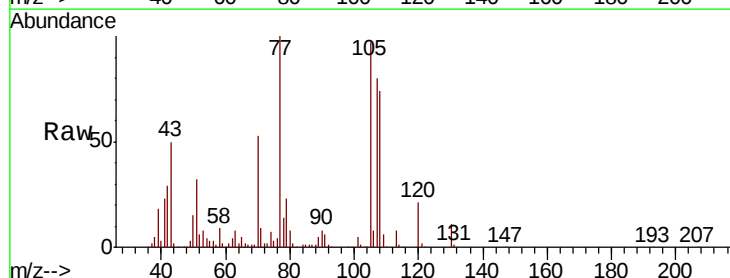
Manual Integrations
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#22
Acetophenone
Concen: 39.555 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		498386		
71	8.9	5.9	8.9#		
51	32.4	25.3	37.9		
120	21.9	17.9	26.9		





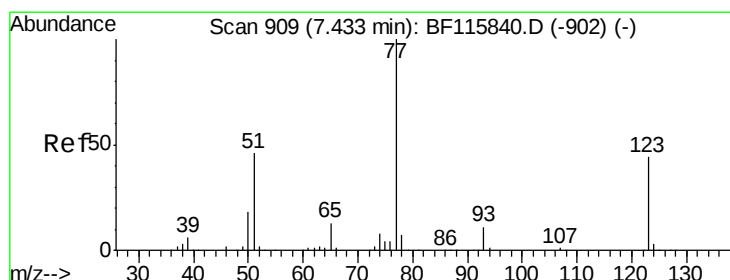
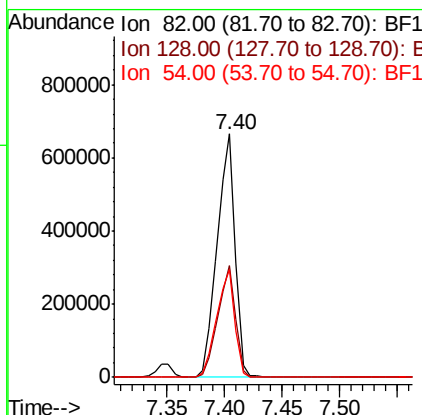
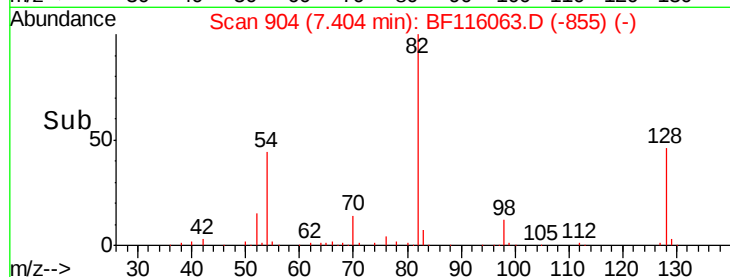
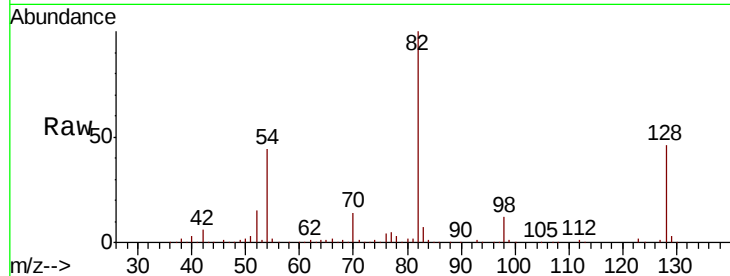
#23
 Nitrobenzene-d5
 Concen: 72.491 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB122055BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.5	54.7
54	44.2	36.0	54.0

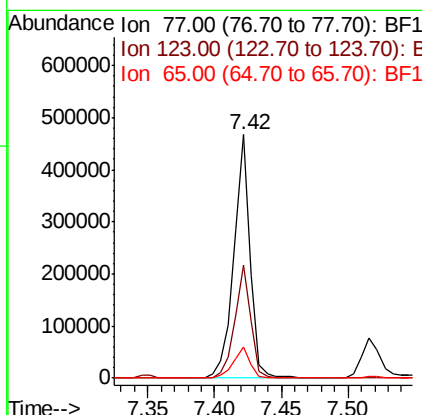
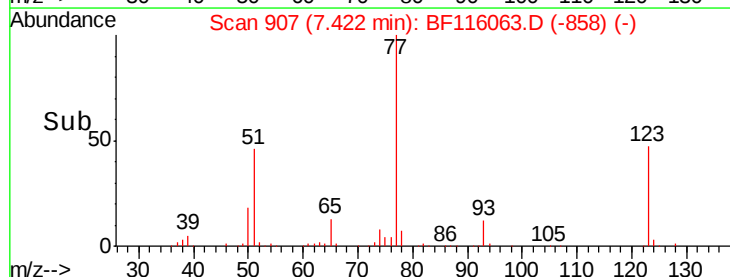
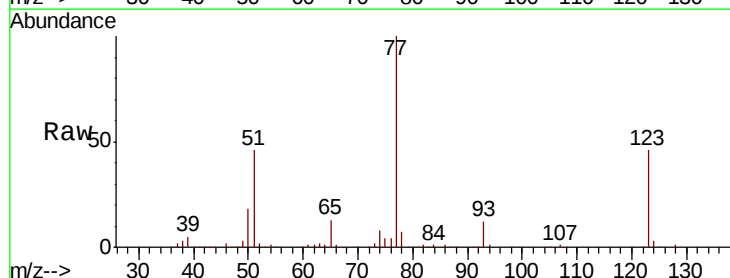
Manual Integrations
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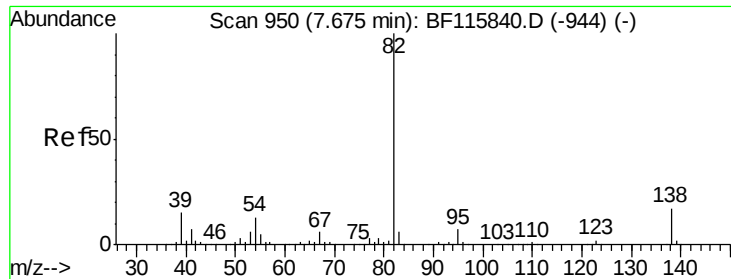
mohammad
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#24
 Nitrobenzene
 Concen: 37.229 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.5	36.7	55.1
65	13.0	10.6	16.0





#25

Isophorone

Concen: 38.949 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

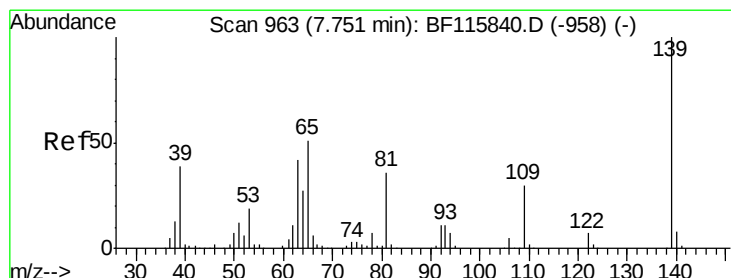
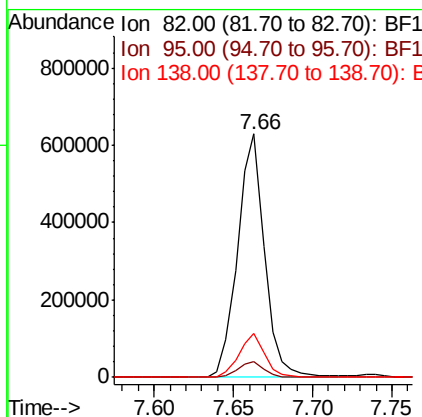
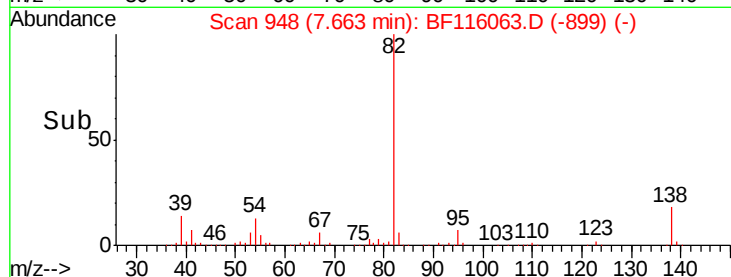
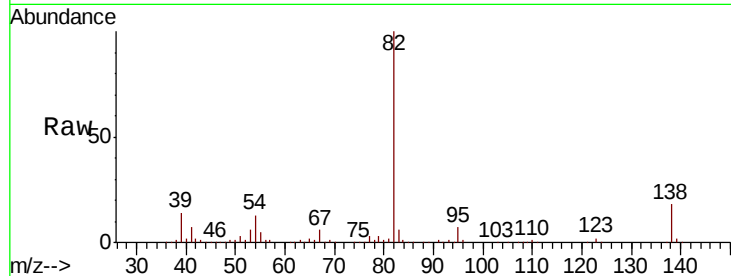
ClientSampleId :

PB122055BS

Tot Ion	82	Resp	741255
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.4	8.0
138	17.9	14.5	21.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.515 ng

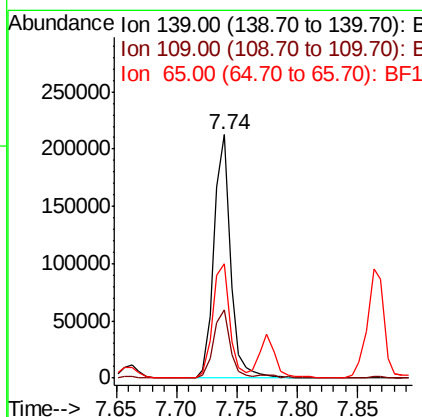
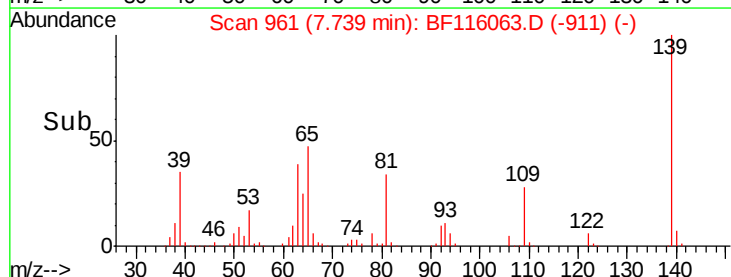
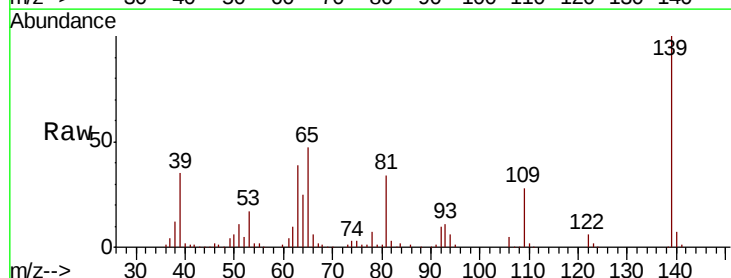
RT: 7.74 min Scan# 961

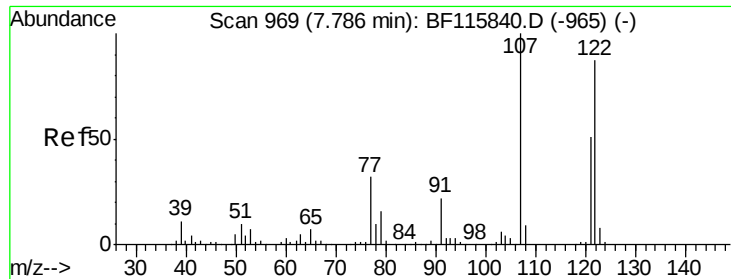
Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Tgt Ion	139	Resp	200176
Ion Ratio	Lower	Upper	
139	100		
109	28.3	23.4	35.2
65	47.2	41.1	61.7





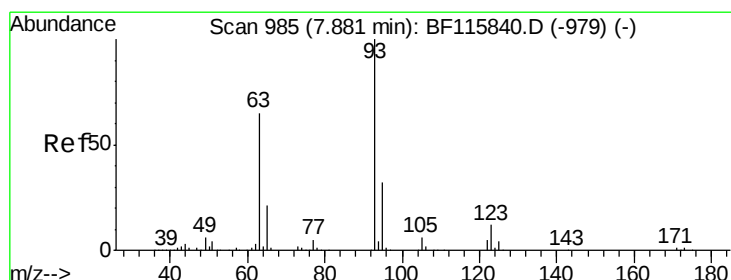
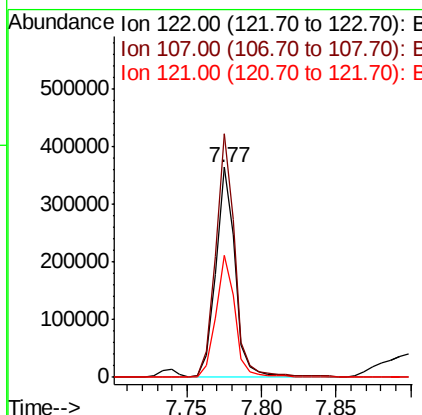
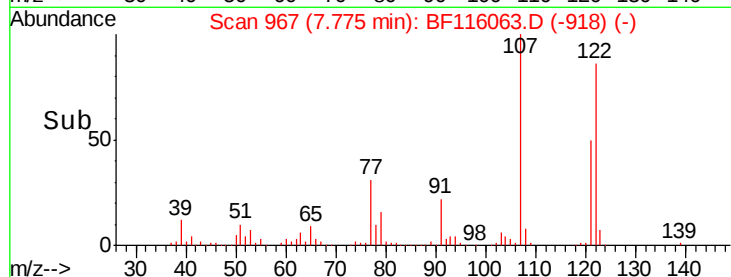
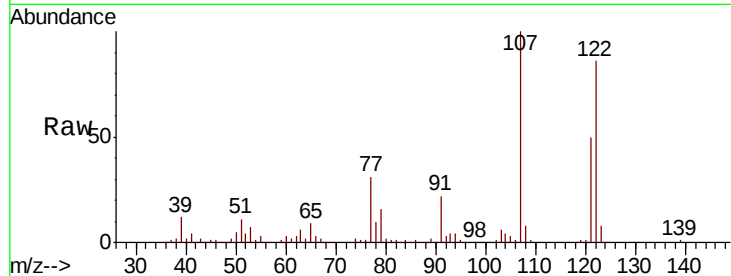
#27
 2,4-Dimethylphenol
 Concen: 43.258 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Instrument :
 BNA_F
 ClientSampleID :
 PB122055BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	329692		
107	116.0	93.0	139.6	
121	58.2	47.6	71.4	

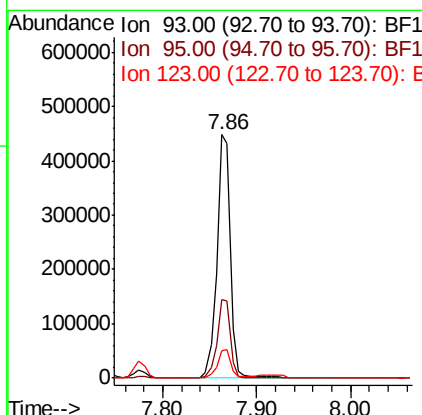
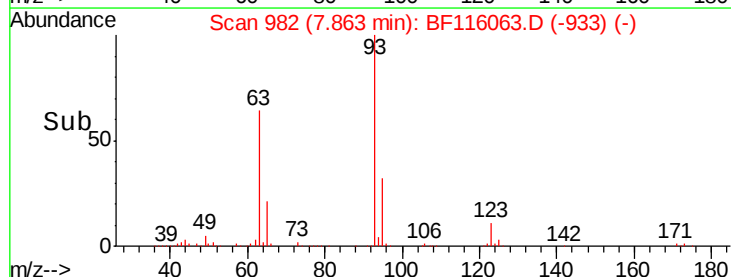
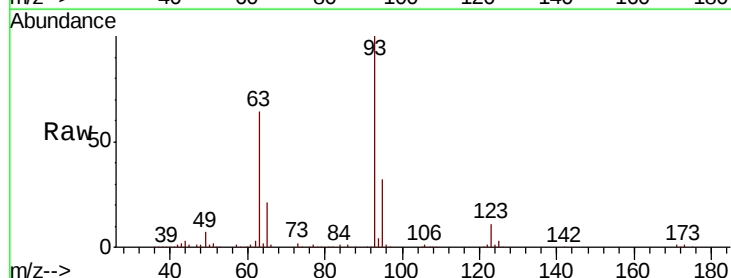
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.278 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	451527		
95	32.3	26.2	39.4	
123	11.0	9.2	13.8	





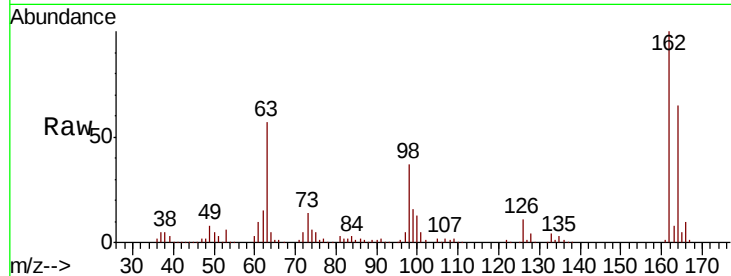
#29
 2,4-Dichlorophenol
 Concen: 39.578 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB122055BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	318493		
164	64.8	45.1	85.1	
98	37.5	15.8	55.8	

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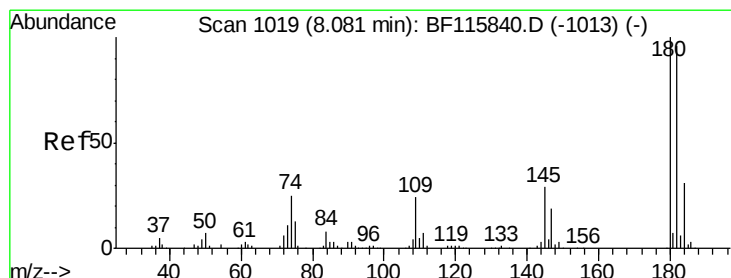
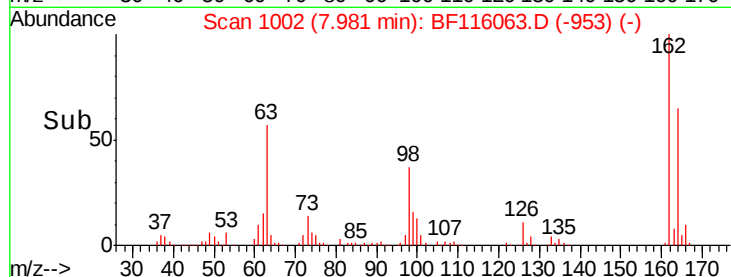
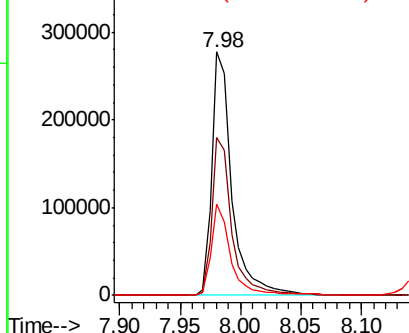


Abundance

Ion 162.00 (161.70 to 162.70): E

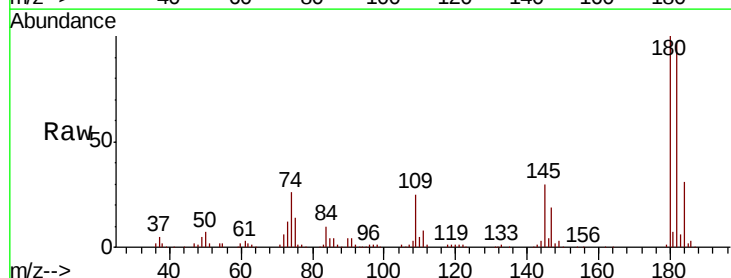
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.914 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	338612		
182	97.3	75.7	113.5	
145	29.9	24.3	36.5	

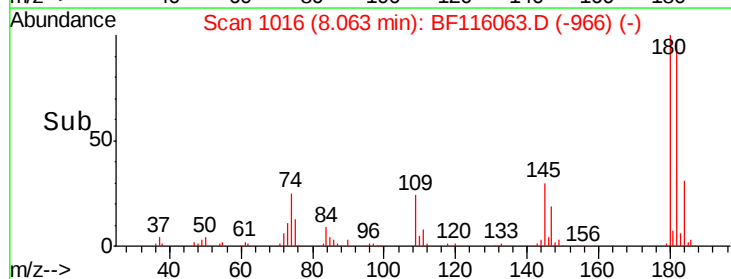
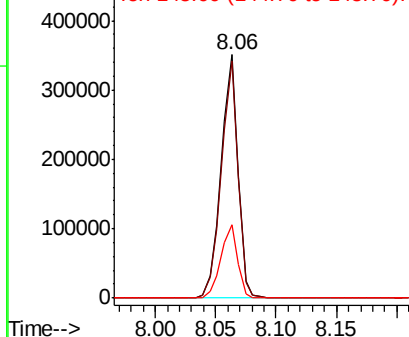


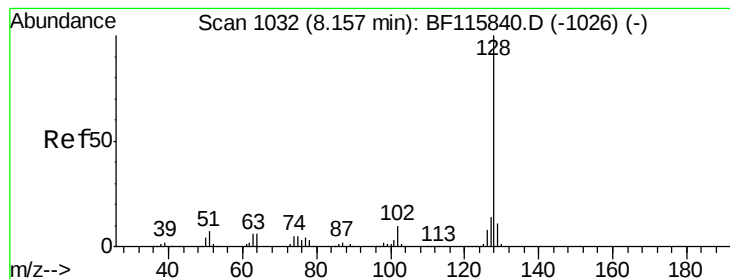
Abundance

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: 38.955 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

ClientSampleId :

PB122055BS

Tot Ion:128 Resp: 1053160

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

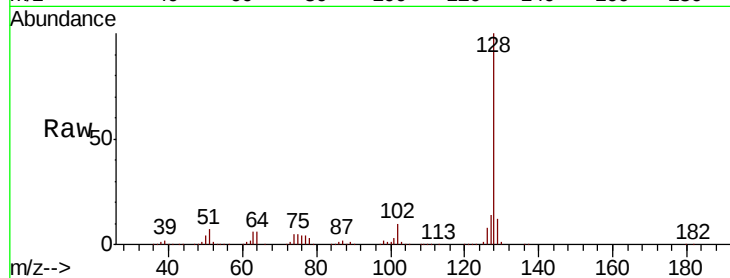
127 13.7 11.4 17.0

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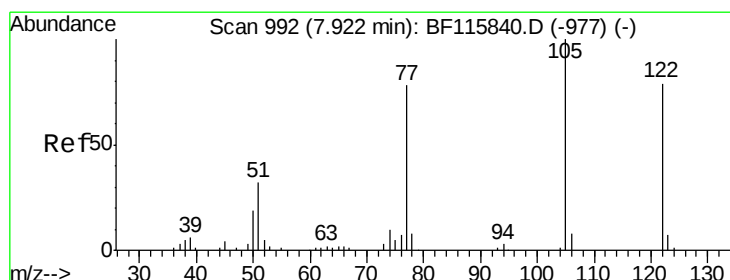
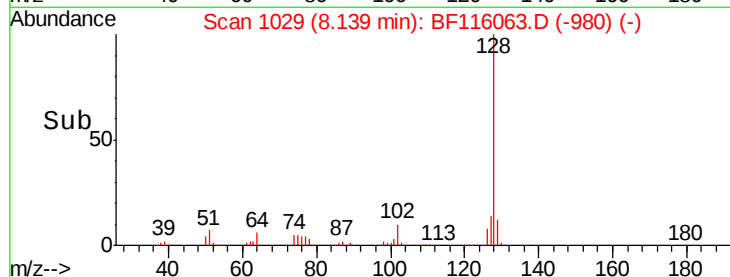
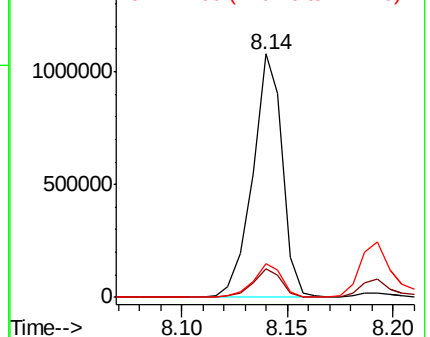
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.909 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

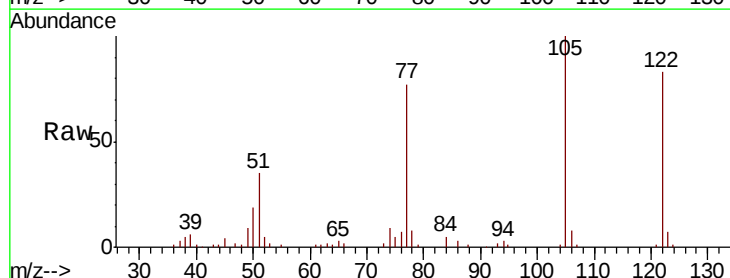
Tgt Ion:122 Resp: 192954

Ion Ratio Lower Upper

122 100

105 120.9 106.1 146.1

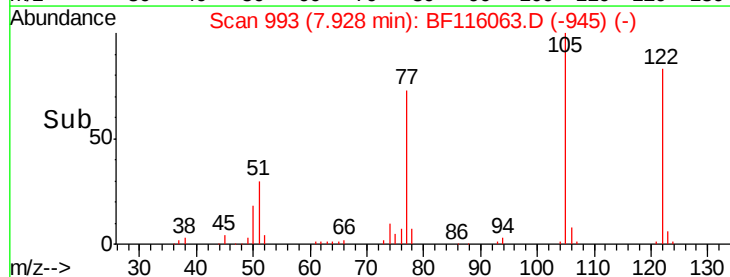
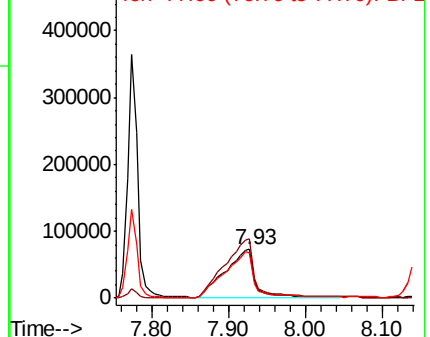
77 93.0 76.7 116.7



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





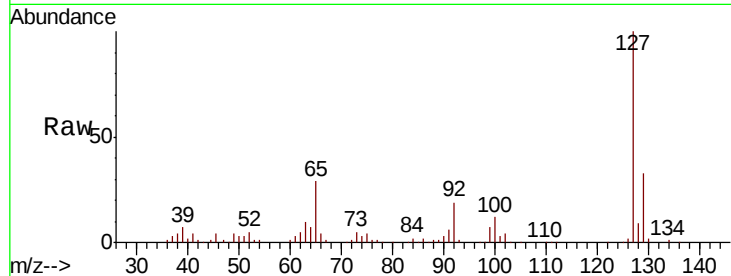
#33
4-Chloroaniline
Concen: 24.615 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

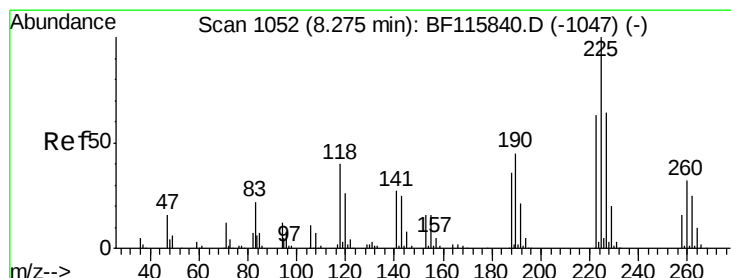
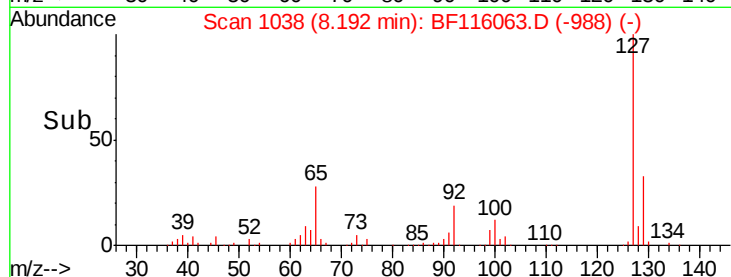
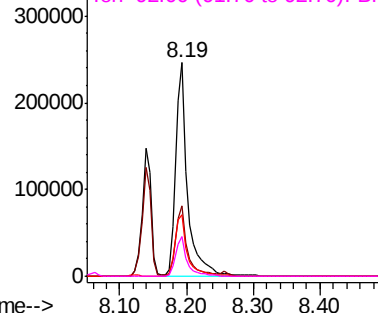
Tot Ion	Ratio	Resp	Lower	Upper
127	100	297340		
129	33.0	26.1	39.1	
65	28.7	24.9	37.3	
92	18.6	15.7	23.5	

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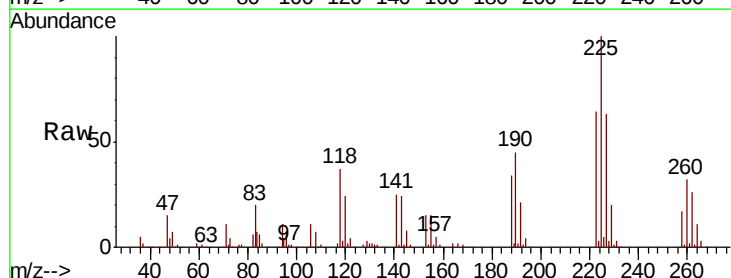


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

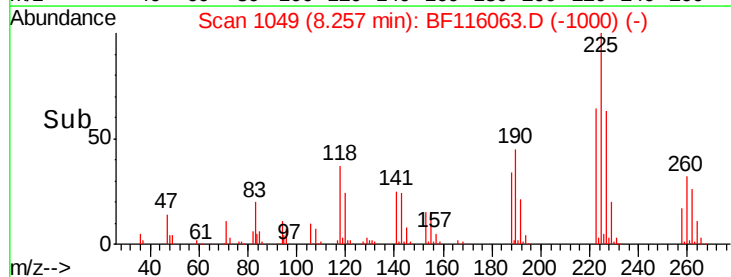
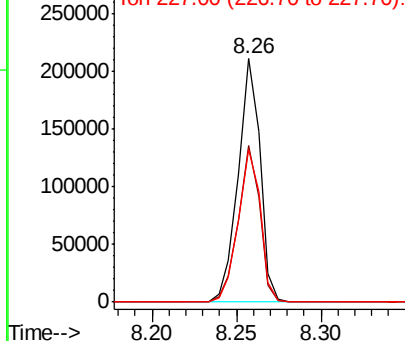


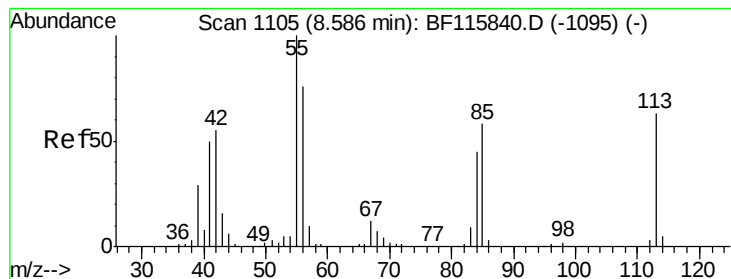
#34
Hexachlorobutadiene
Concen: 36.054 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	190495		
223	64.4	50.0	75.0	
227	62.9	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: 37.527 ng/mL

RT: 8.56 min Scan# 1101

Delta R.T. -0.03 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

ClientSampleId :

PB122055BS

Tot Ion:113 Resp: 97670

Ion Ratio Lower Upper

113 100

55 166.3 144.3 184.3

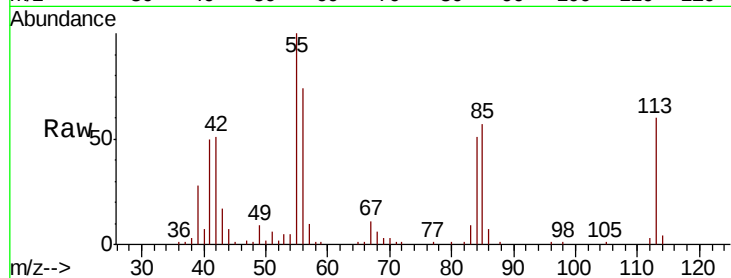
56 122.6 97.1 137.1

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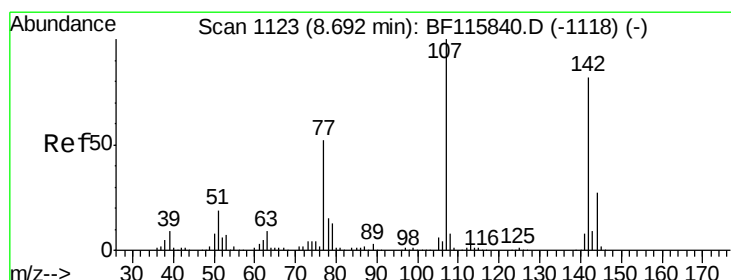
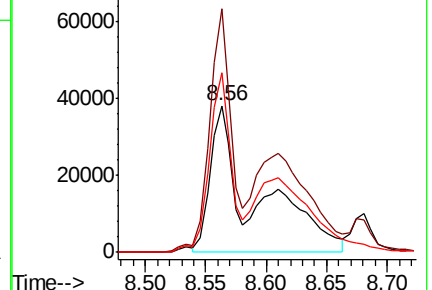
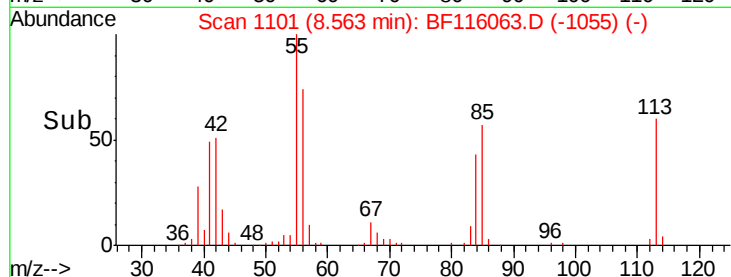
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.898 ng/mL

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

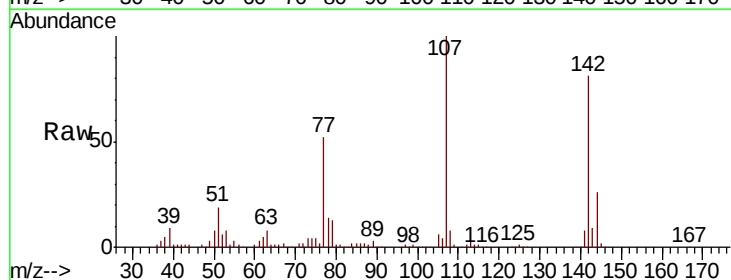
Tgt Ion:107 Resp: 334010

Ion Ratio Lower Upper

107 100

144 26.3 20.2 30.2

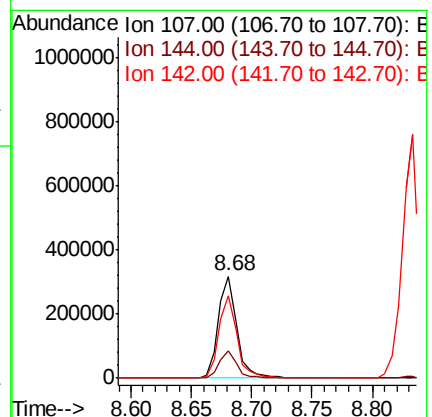
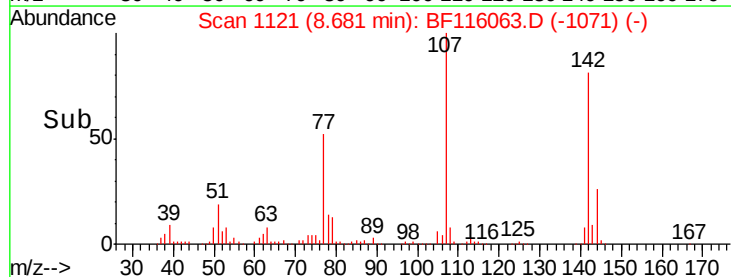
142 80.6 61.7 92.5

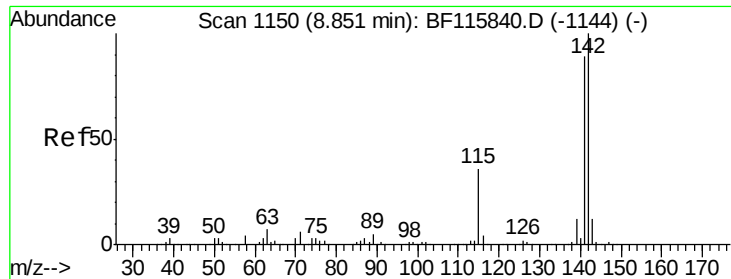


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





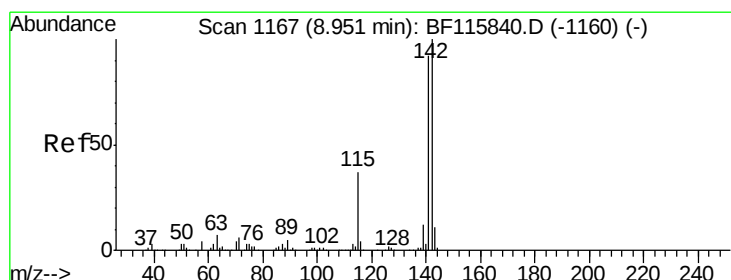
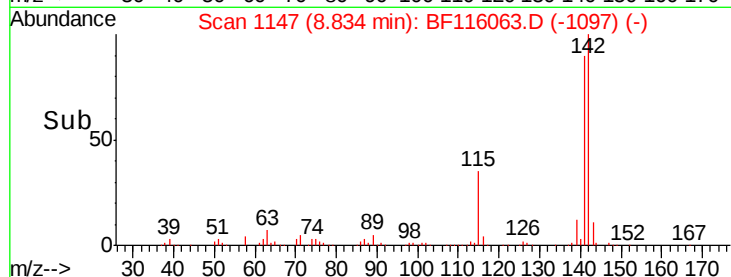
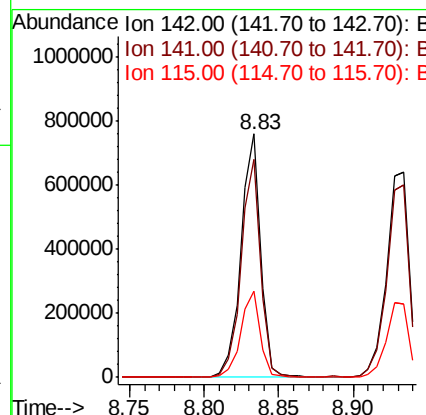
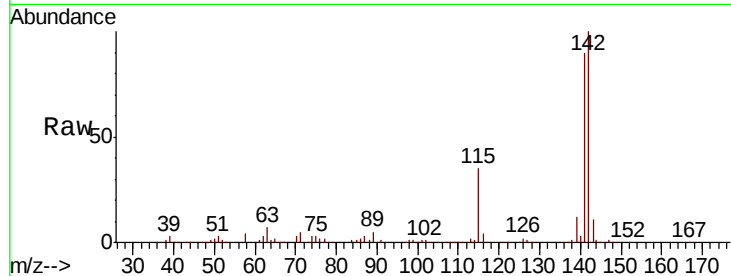
#37
2-Methylnaphthalene
Concen: 39.386 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.9	106.3
115	35.3	29.0	43.6

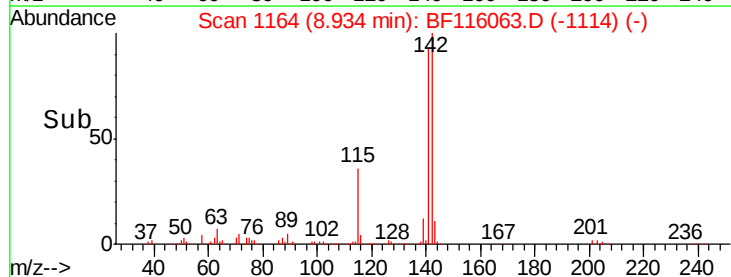
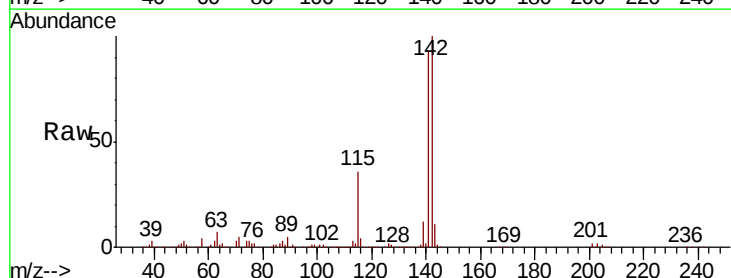
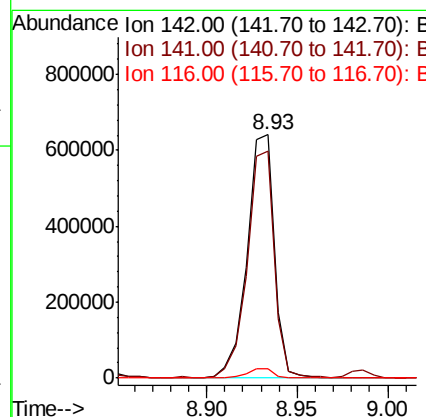
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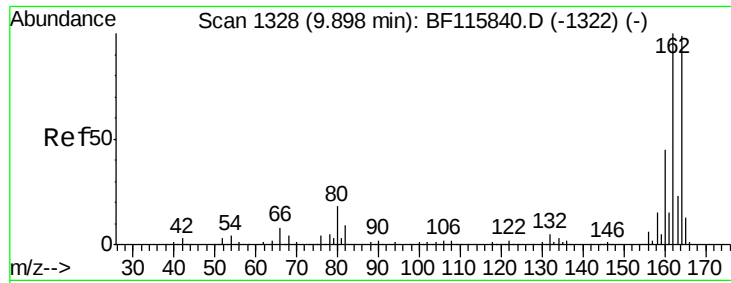
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#38
1-Methylnaphthalene
Concen: 39.327 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.4	111.6
116	3.7	3.1	4.7





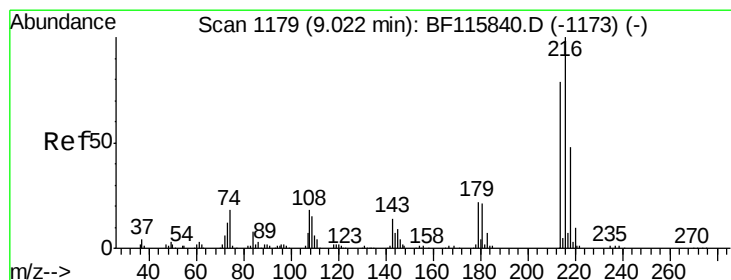
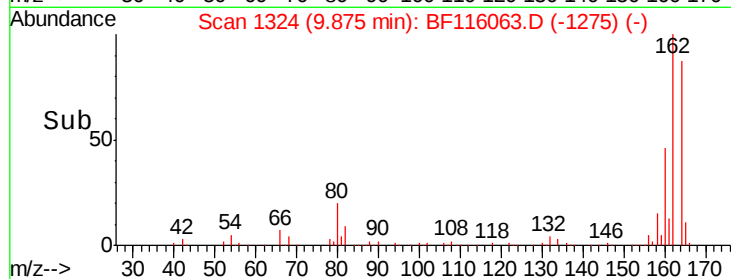
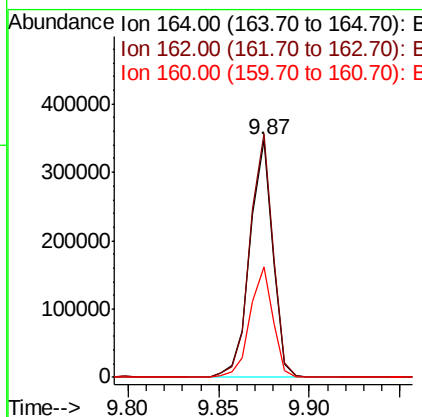
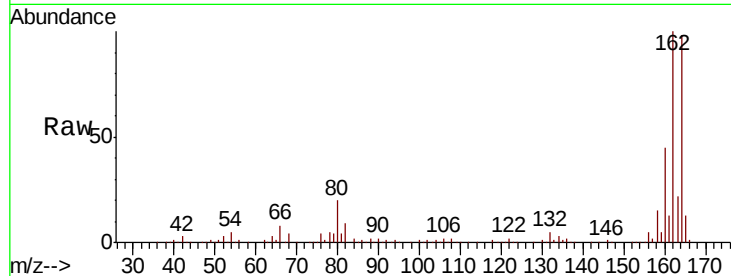
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	124.0
160	46.4	37.6	56.4

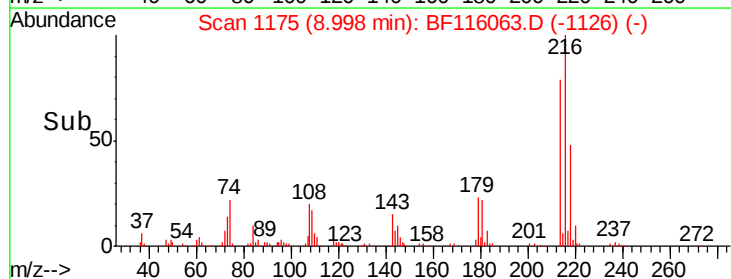
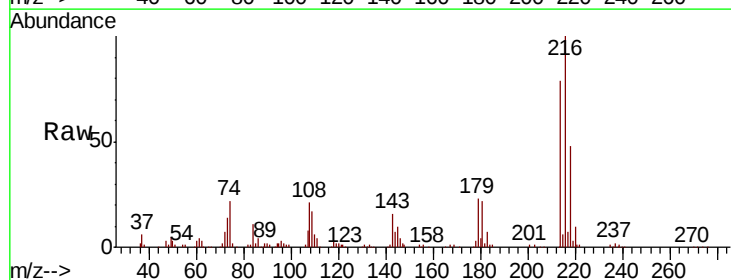
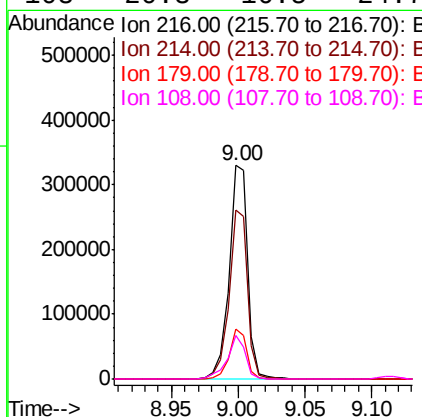
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.666 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.6	95.4
179	22.0	17.8	26.8
108	20.3	16.5	24.7





#41

Hexachlorocyclopentadiene

Concen: 41.396 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

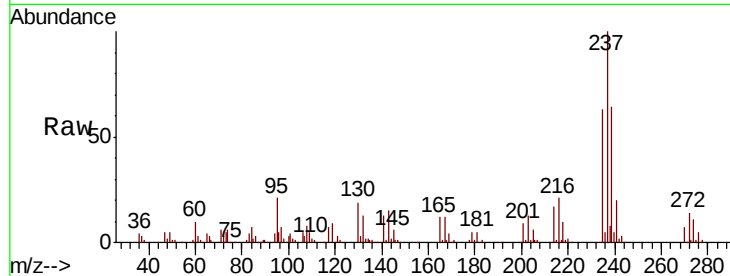
ClientSampleId :

PB122055BS

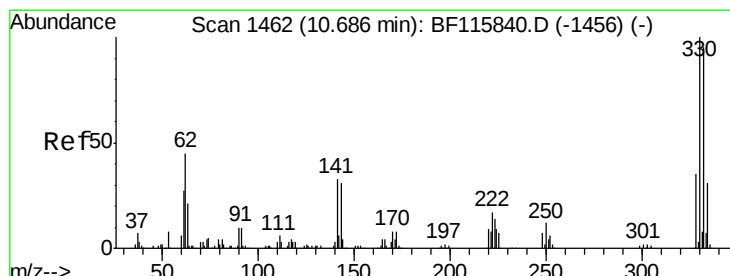
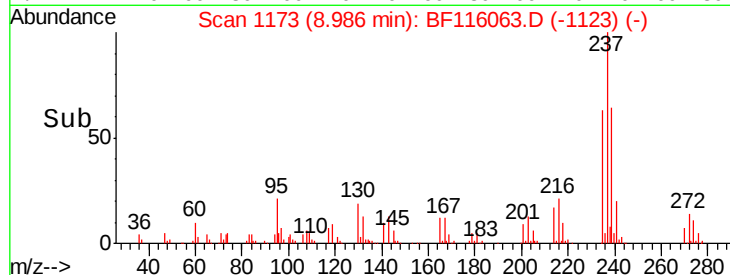
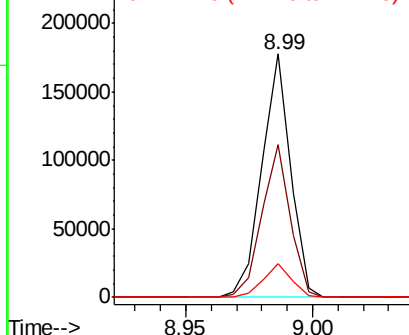
Tot Ion:	237	Resp:	140224
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.4	83.4
272	13.6	0.0	33.2

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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: 108.907 ng

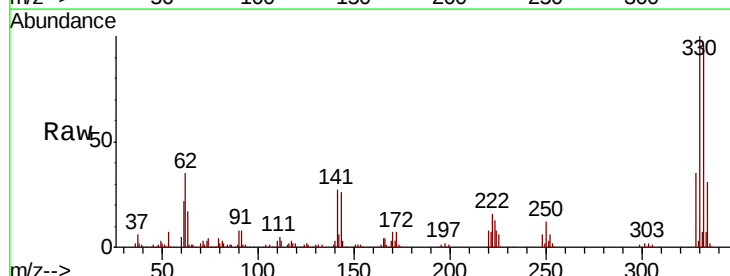
RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

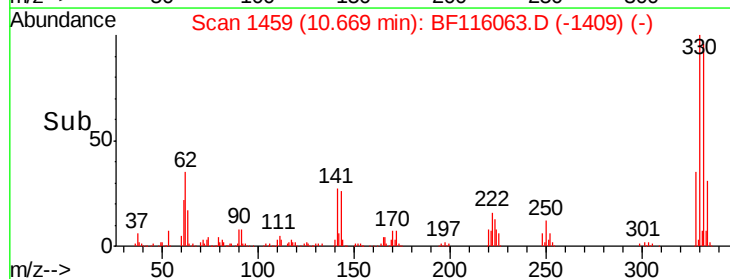
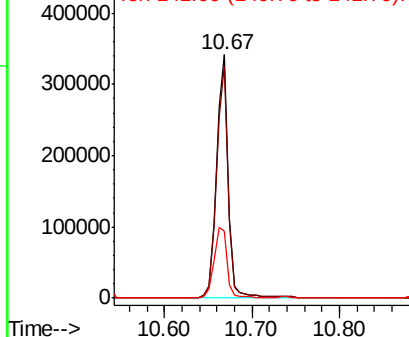
Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Tgt Ion:	330	Resp:	322020
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.8	115.2
141	32.3	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





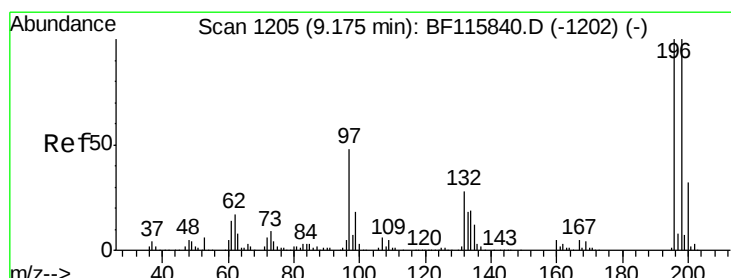
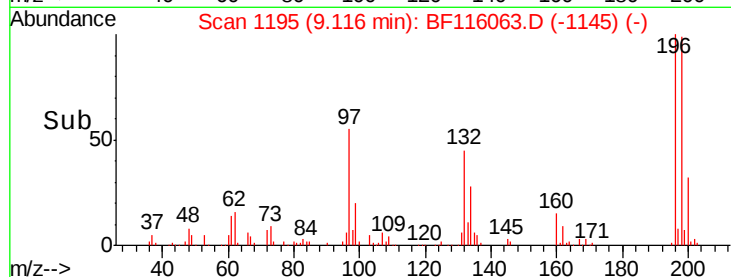
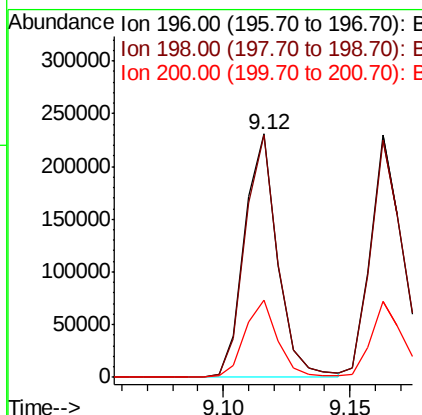
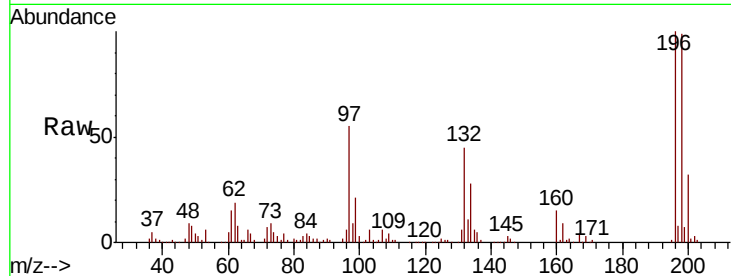
#43
 2,4,6-Trichlorophenol
 Concen: 37.453 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB122055BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	210186		
198	99.4	79.2	118.8	
200	31.7	25.2	37.8	

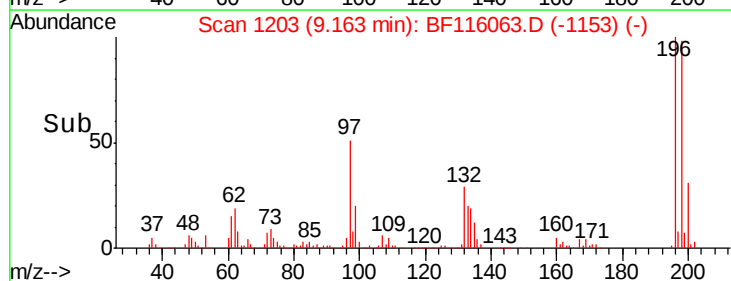
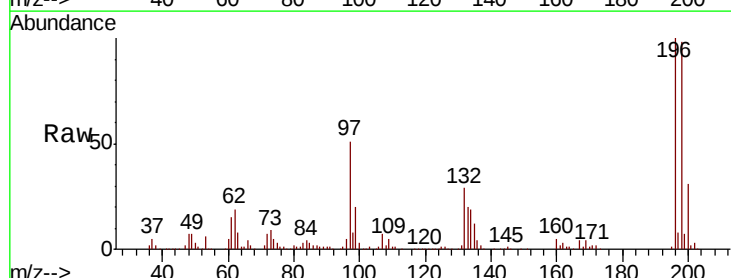
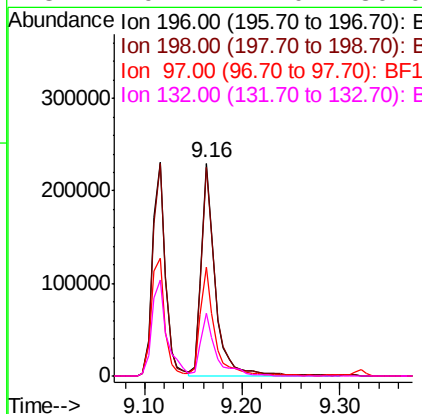
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#44
 2,4,5-Trichlorophenol
 Concen: 38.827 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	225240		
198	97.9	78.8	118.2	
97	50.9	42.2	63.4	
132	29.4	24.0	36.0	





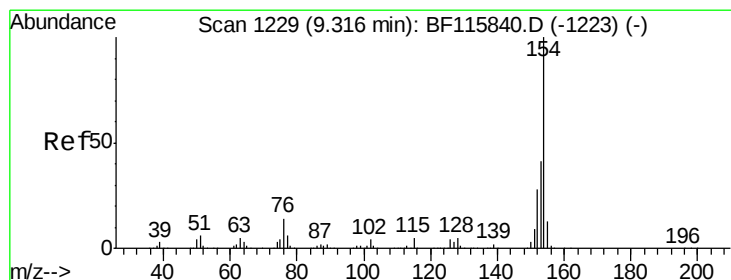
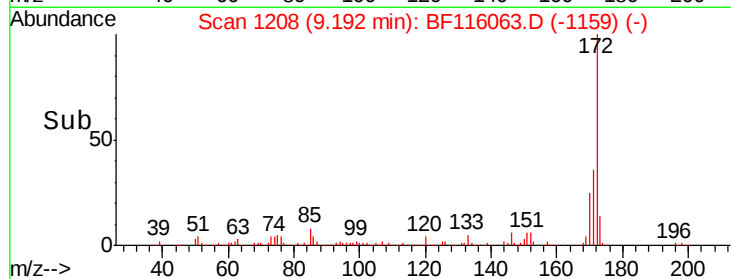
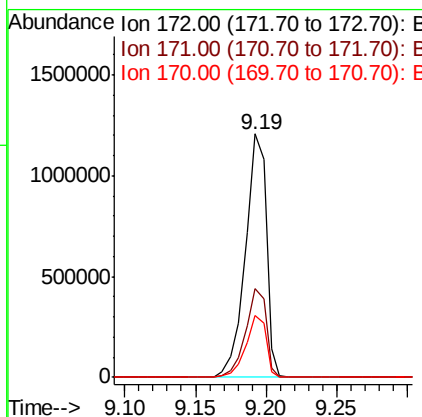
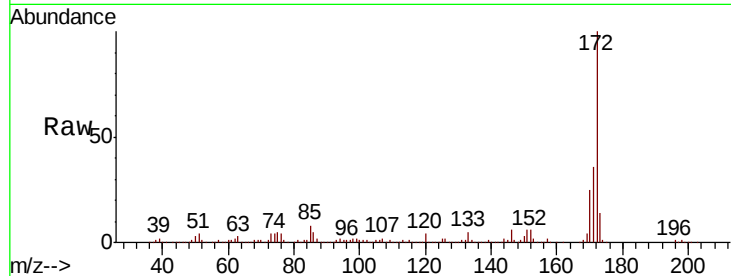
#45
2-Fluorobiphenyl
Concen: 77.332 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	25.4	20.1	30.1

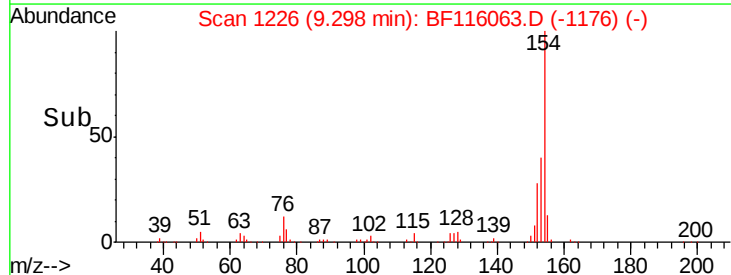
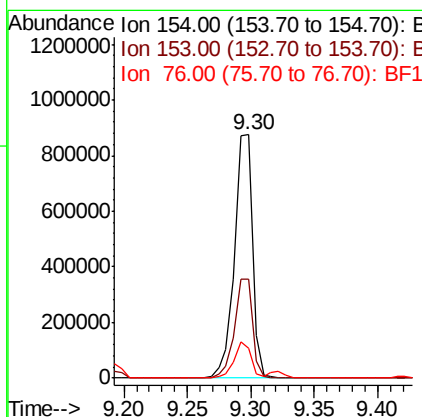
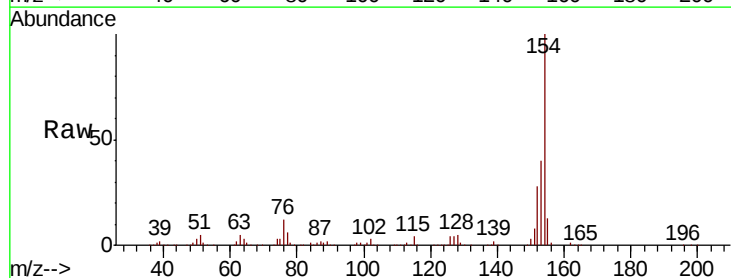
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#46
1,1'-Biphenyl
Concen: 39.817 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.4	61.4
76	12.4	0.0	35.2





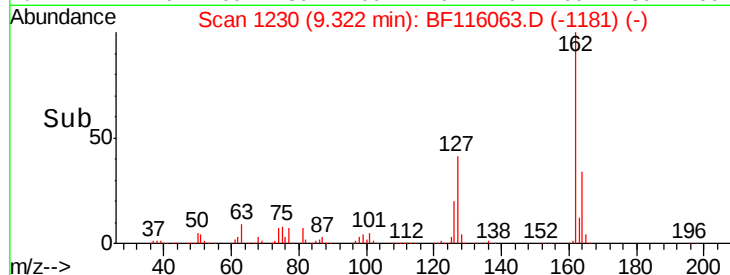
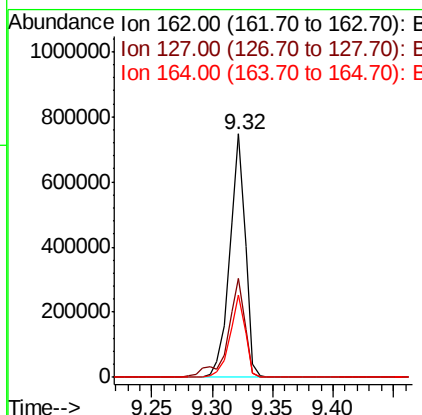
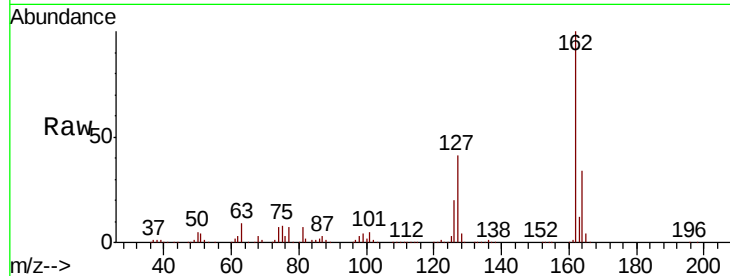
#47
 2-Chloronaphthalene
 Concen: 37.432 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB122055BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	670793		
127	40.8		32.8	49.2
164	33.6		26.6	39.8

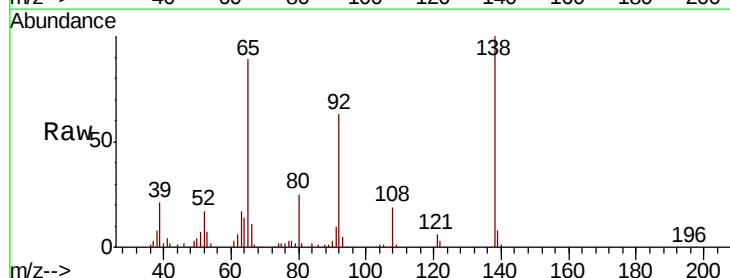
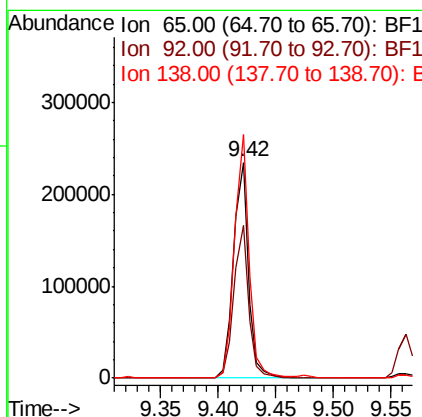
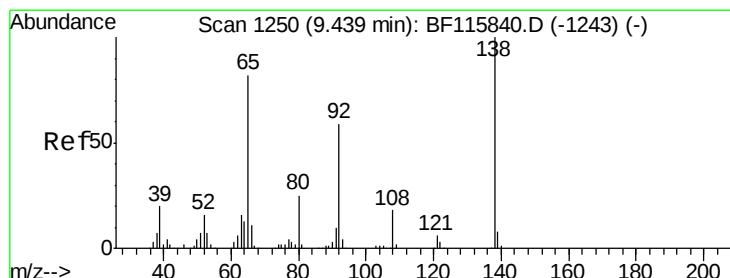
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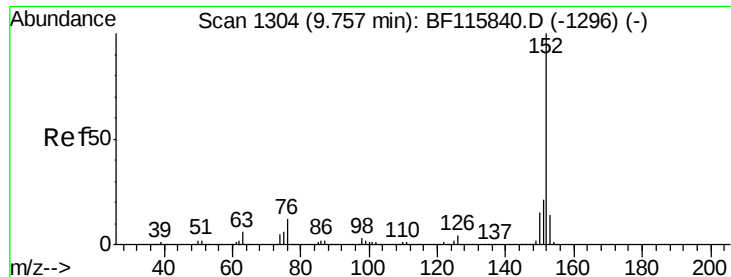
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#48
 2-Nitroaniline
 Concen: 35.929 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	212817		
92	71.0		57.8	86.8
138	112.8		94.0	141.0





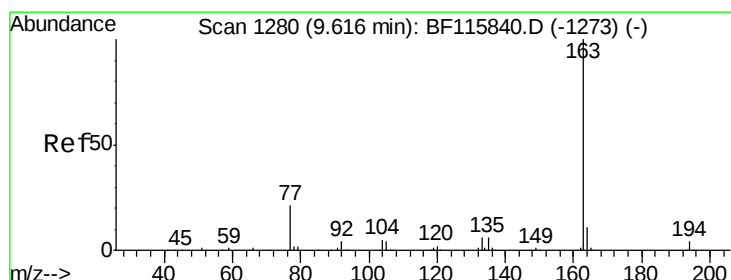
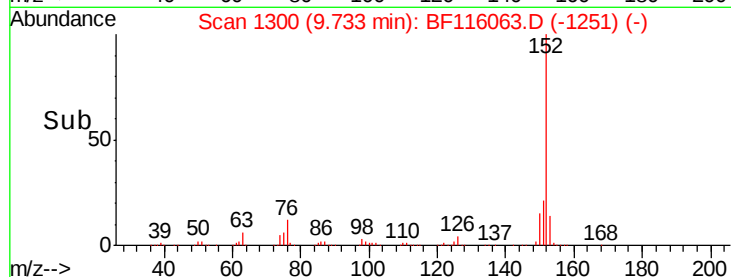
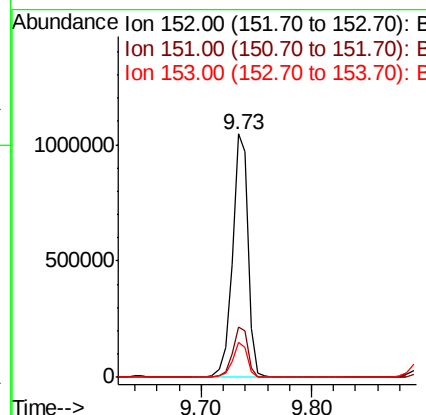
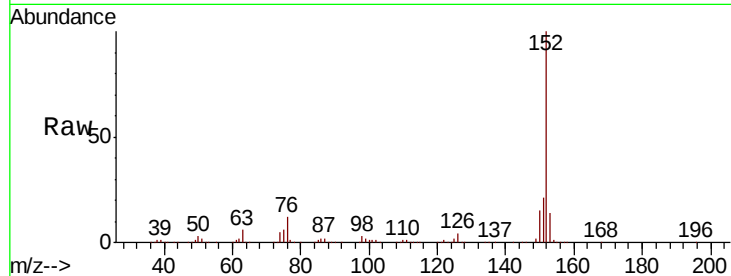
#49
 Acenaphthylene
 Concen: 39.400 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Instrument :
 BNA_F
 ClientSampled :
 PB122055BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.2	25.8
153	14.1	11.8	17.8

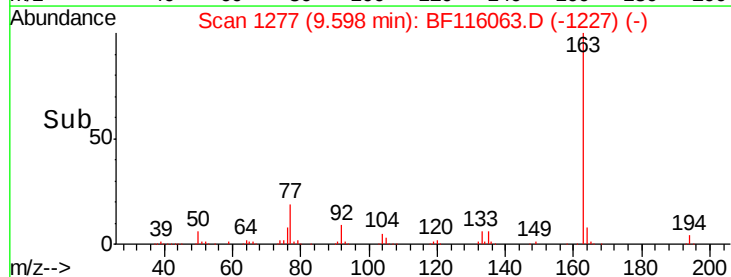
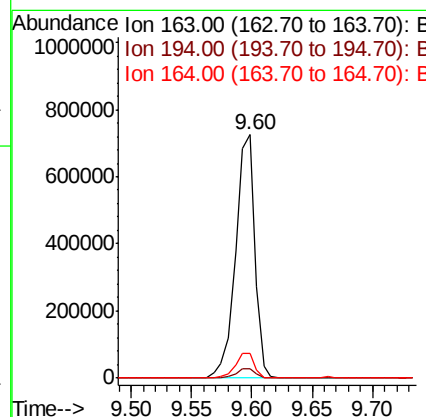
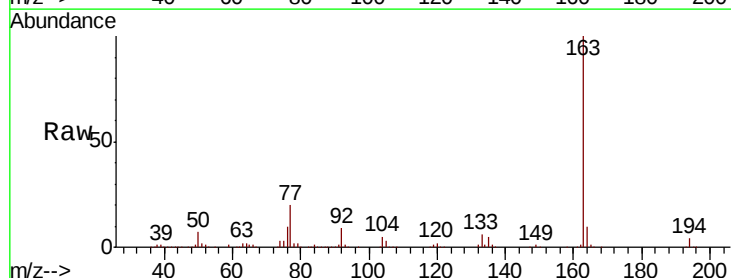
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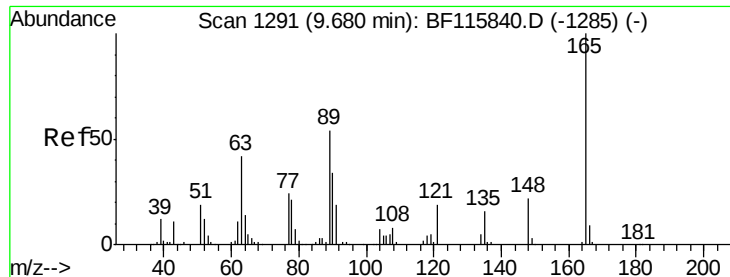
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#50
 Dimethylphthalate
 Concen: 38.978 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

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





#51

2,6-Dinitrotoluene

Concen: 39.637 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

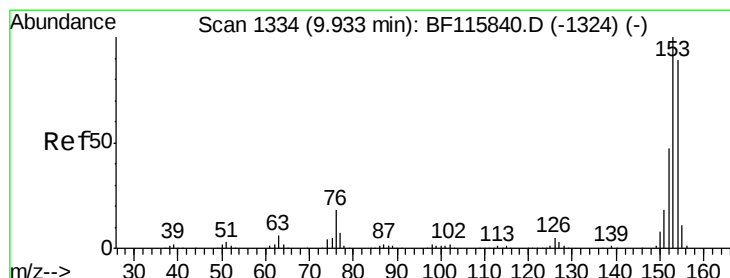
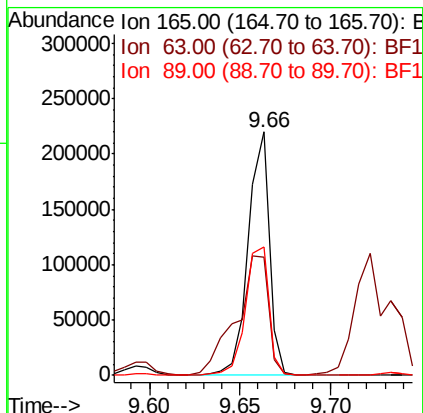
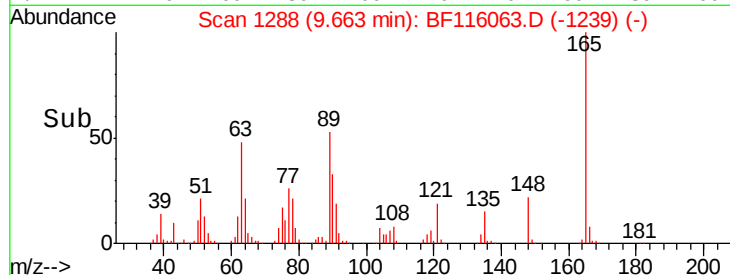
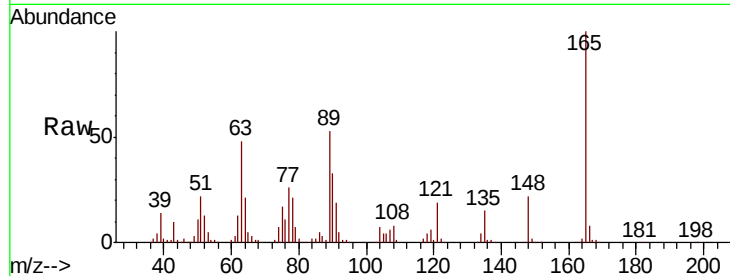
ClientSampleId :

PB122055BS

Tot Ion:	165	Resp:	178870
Ion Ratio	Lower	Upper	
165	100		
63	48.3	38.2	57.2
89	52.7	42.9	64.3

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#52

Acenaphthene

Concen: 38.459 ng

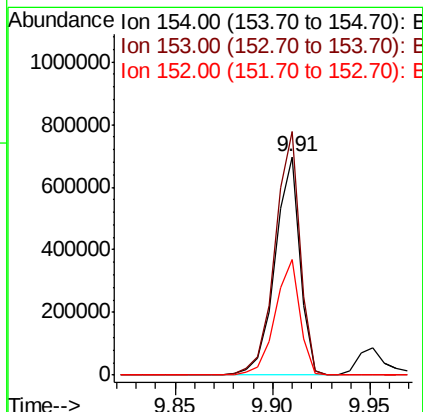
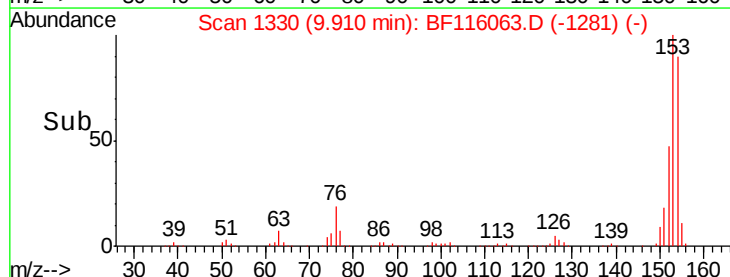
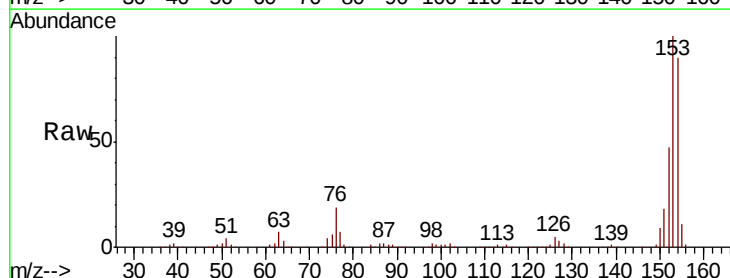
RT: 9.91 min Scan# 1330

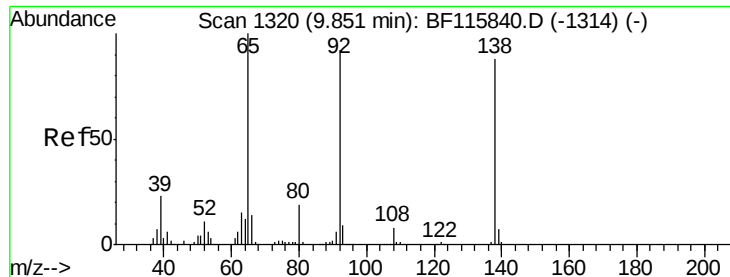
Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Tgt Ion:	154	Resp:	616852
Ion Ratio	Lower	Upper	
154	100		
153	111.6	89.4	134.0
152	52.8	42.3	63.5





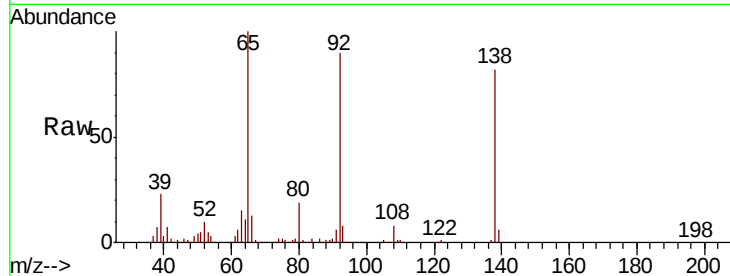
#53
3-Nitroaniline
Concen: 26.214 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	146167		
108	10.0	8.0	12.0	
92	109.7	91.0	136.6	

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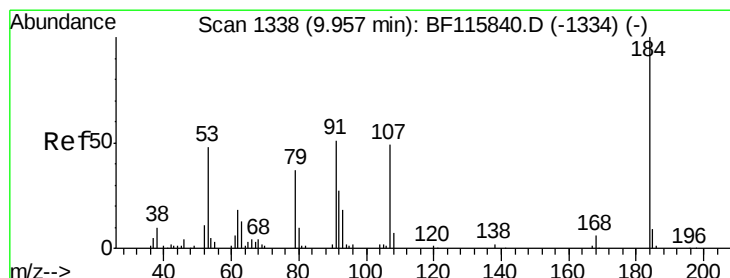
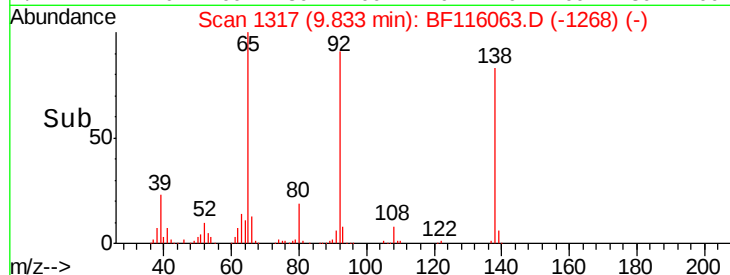
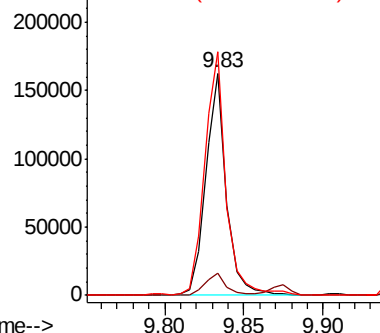


Abundance

Ion 138.00 (137.70 to 138.70): E

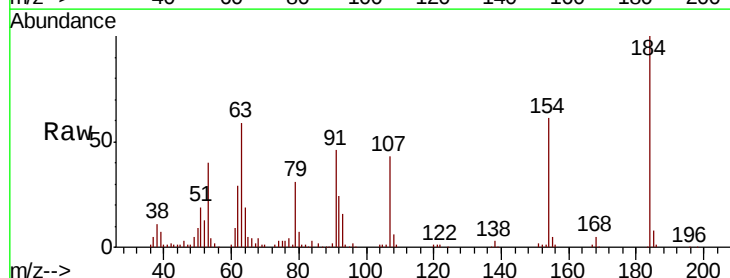
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 67.523 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	151881		
63	59.4	53.0	79.4	
154	60.5	50.1	75.1	

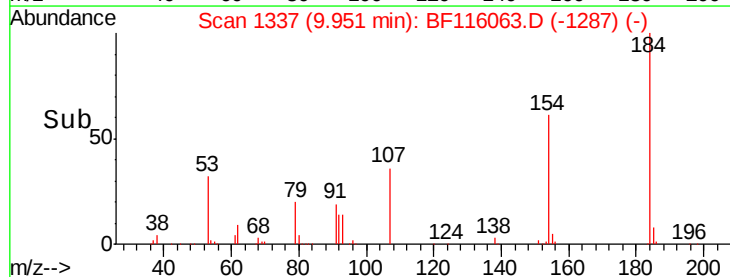
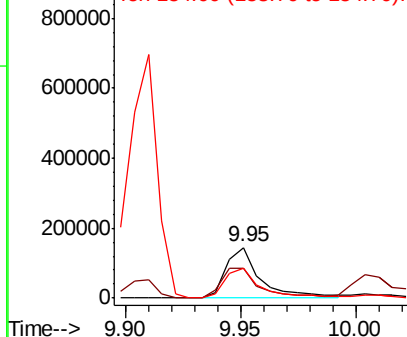


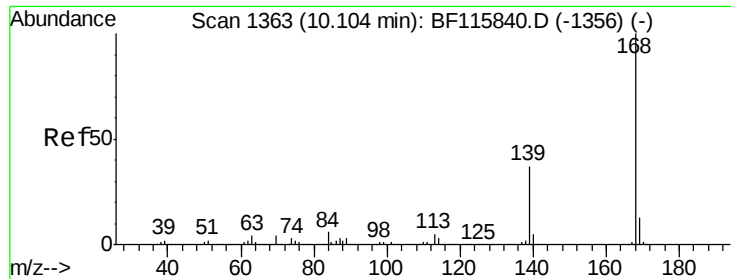
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





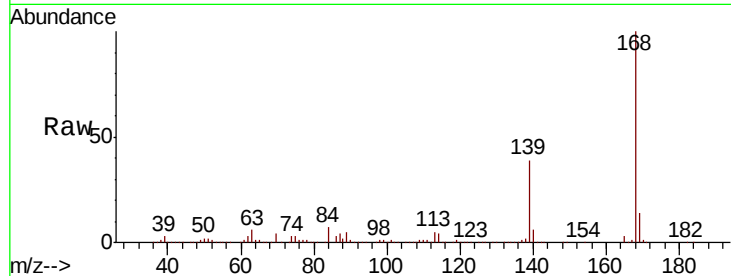
#55
Dibenzenofuran
Concen: 38.931 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	908054		
139	39.2		31.4	47.2
169	13.8		10.9	16.3

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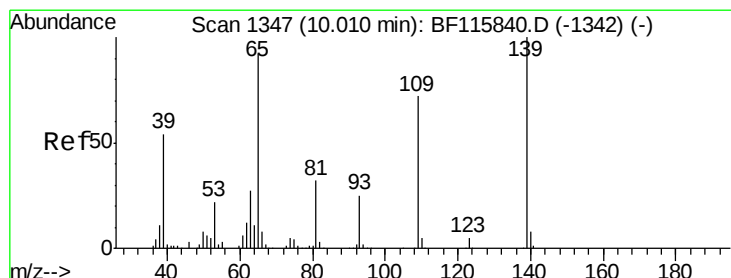
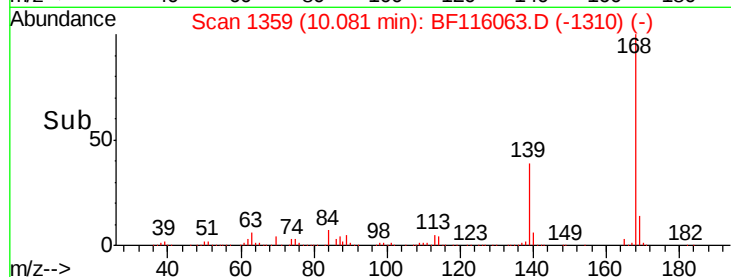
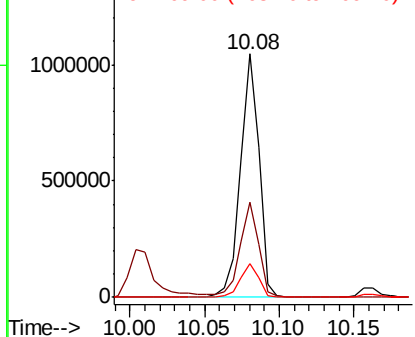


Abundance

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: 68.249 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

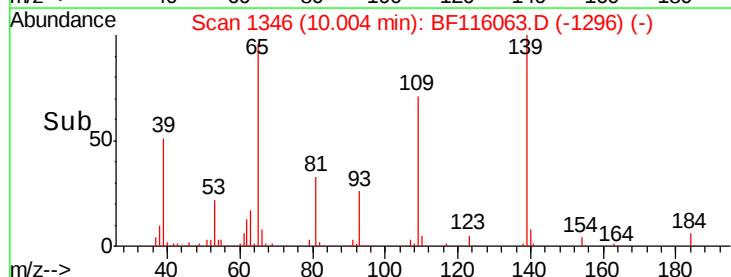
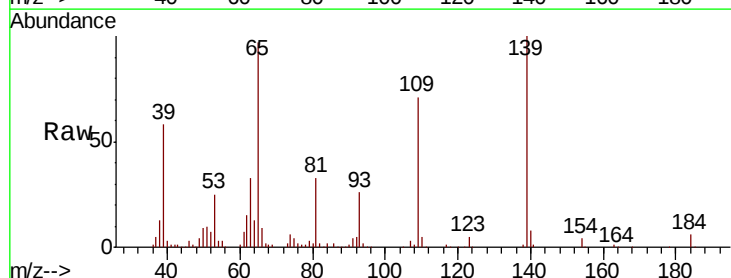
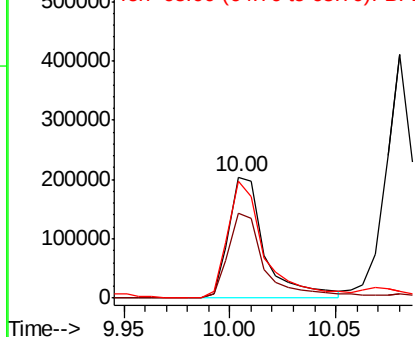
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	243784		
109	70.6		54.4	94.4
65	97.0		80.6	120.6

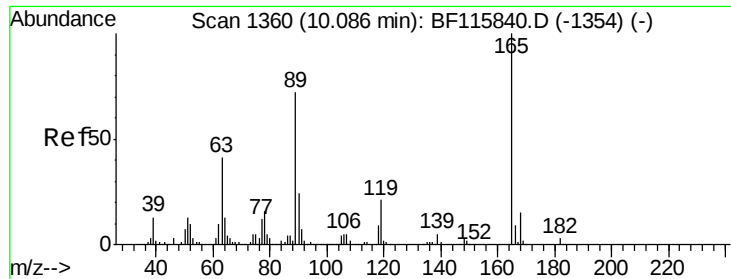
Abundance

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: 38.642 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

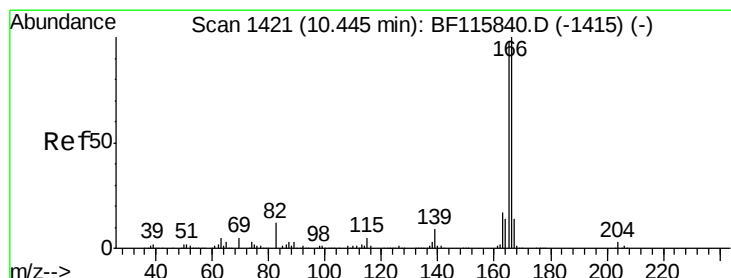
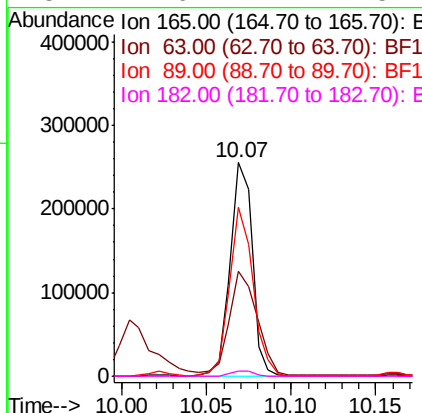
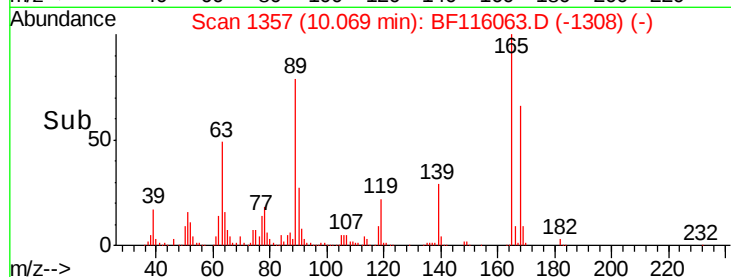
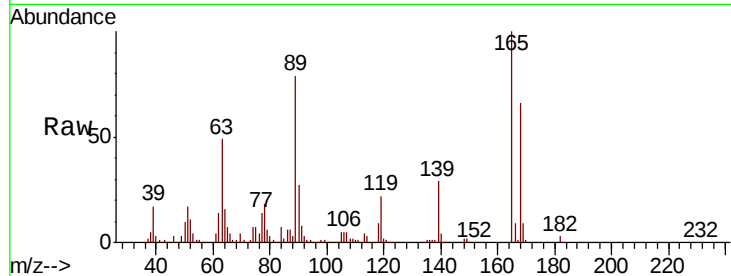
ClientSampleId :

PB122055BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	232172		
63	49.1		39.6	59.4
89	79.1		62.2	93.2
182	2.6		2.1	3.1

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#58

Fluorene

Concen: 39.531 ng

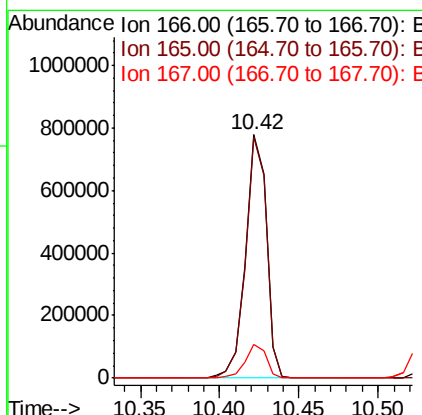
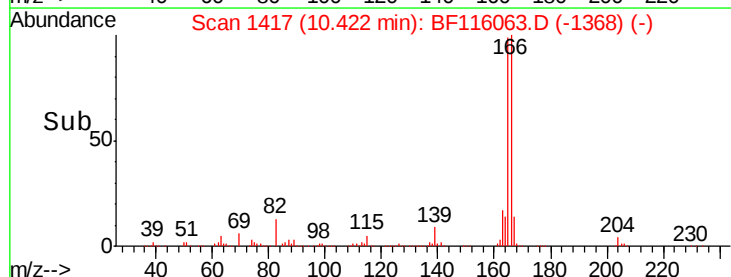
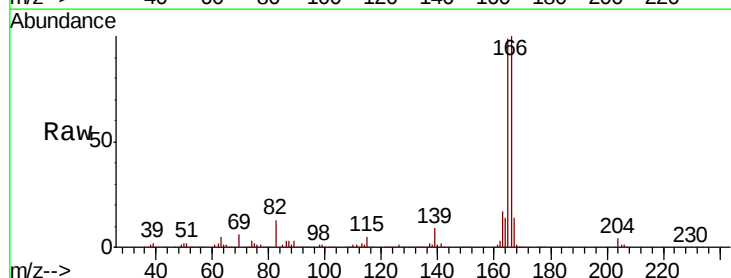
RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	709412		
165	99.2		78.4	117.6
167	13.9		11.0	16.4





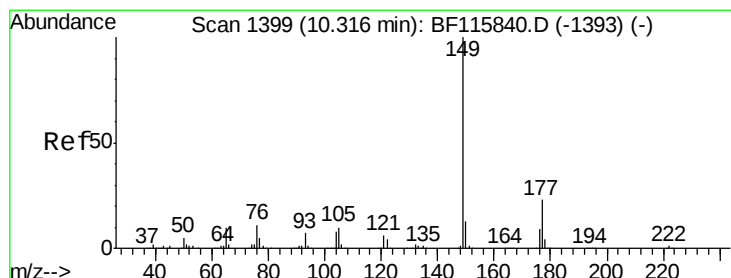
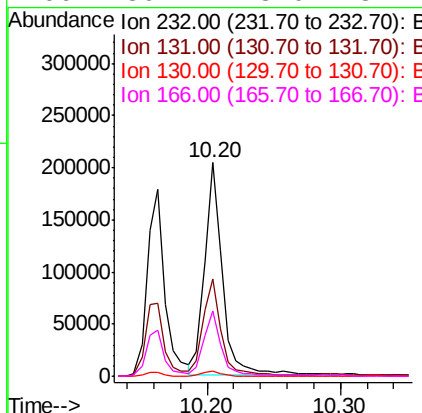
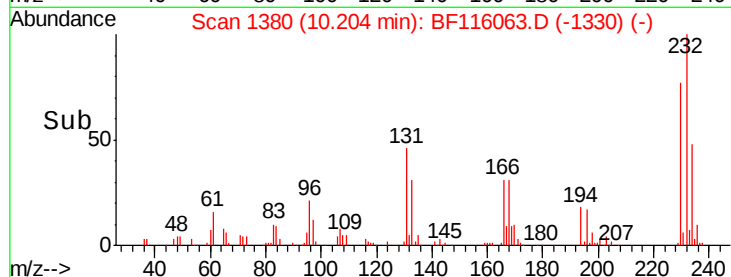
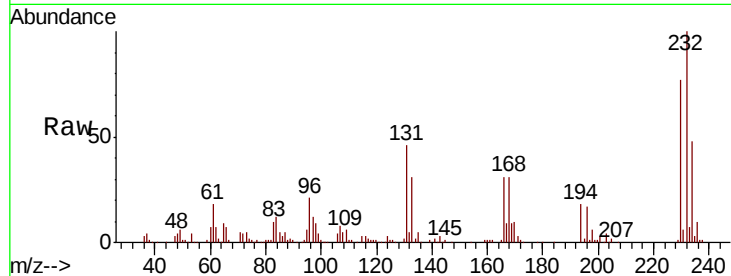
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.856 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		189640		
131	45.6	36.2	54.2		
130	2.5	1.9	2.9		
166	30.1	23.0	34.4		

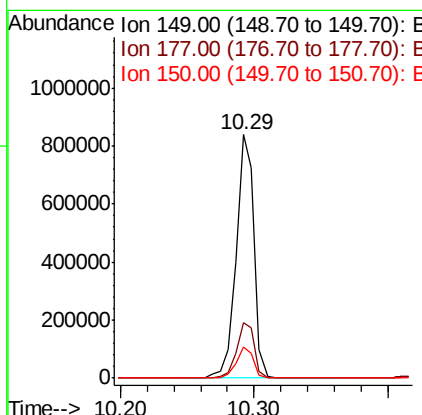
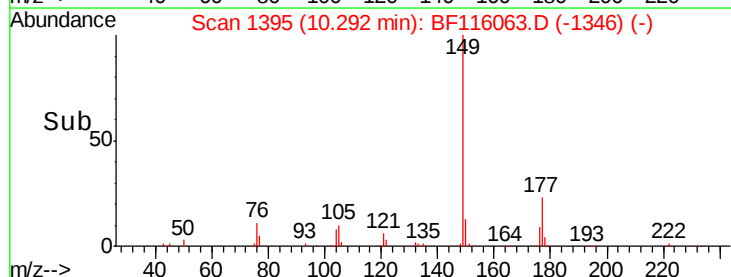
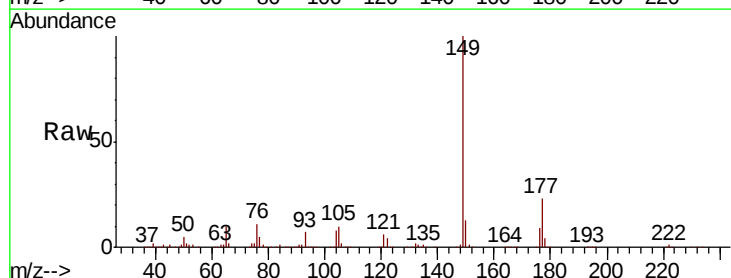
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#60
Diethylphthalate
Concen: 40.251 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		780347		
177	22.7	18.8	28.2		
150	12.9	10.2	15.4		





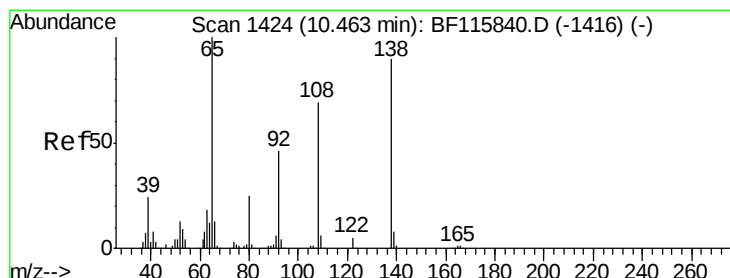
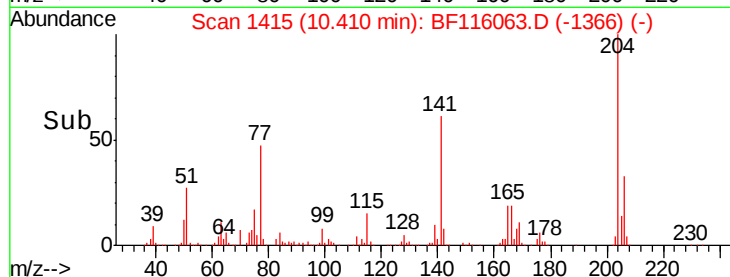
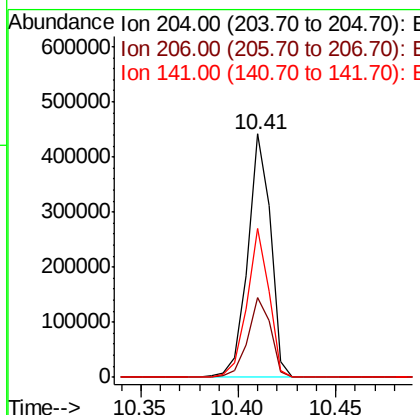
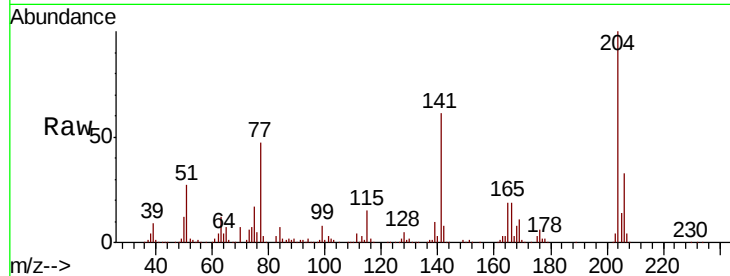
#61
4-Chlorophenyl-phenylether
Concen: 39.450 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.4	39.6
141	61.0	46.4	69.6

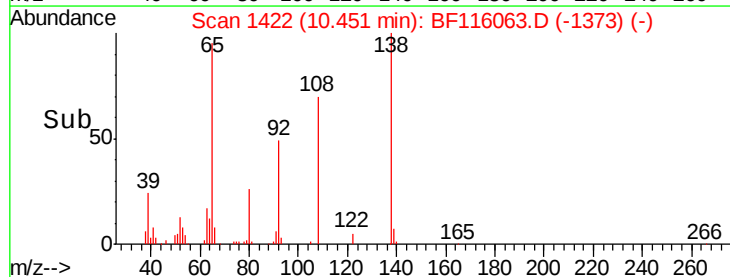
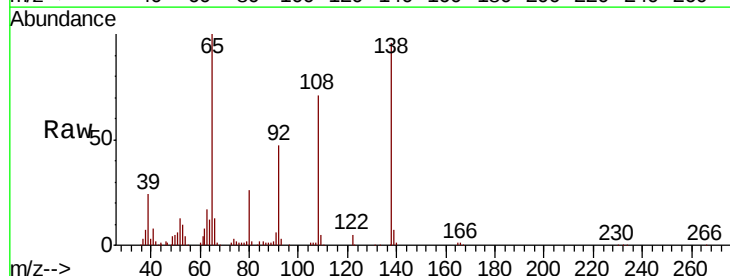
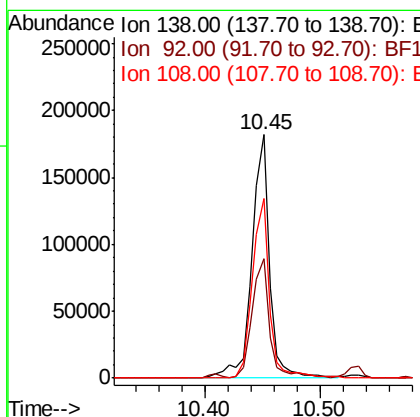
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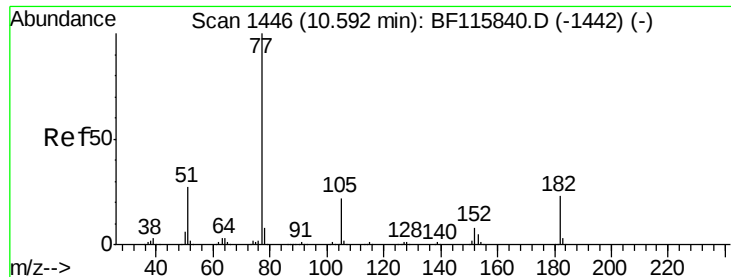
mohammad
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#62
4-Nitroaniline
Concen: 33.727 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	29.0	69.0
108	73.8	54.7	94.7





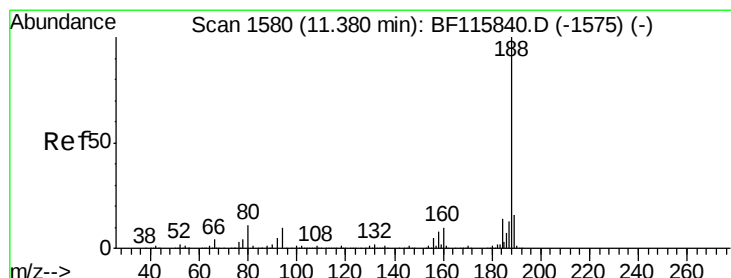
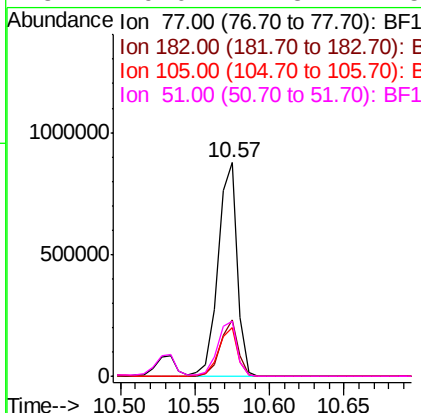
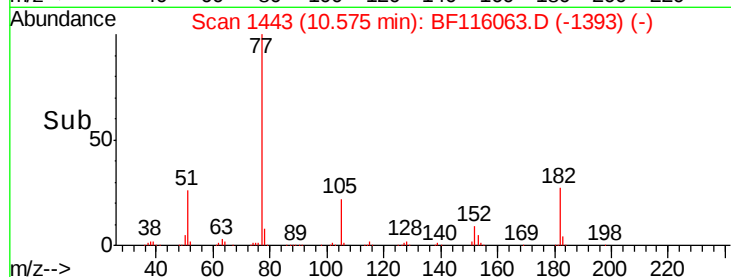
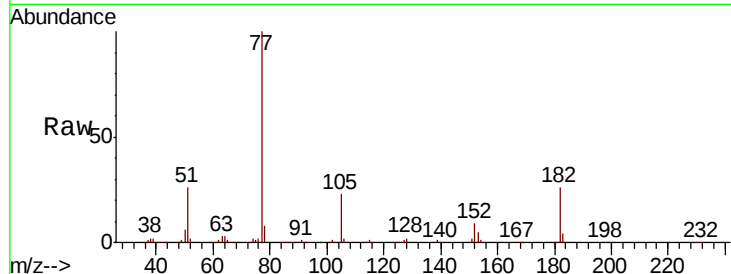
#63
Azobenzene
Concen: 39.646 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		790573		
182	26.5	4.0	44.0		
105	22.9	2.0	42.0		
51	26.0	7.5	47.5		

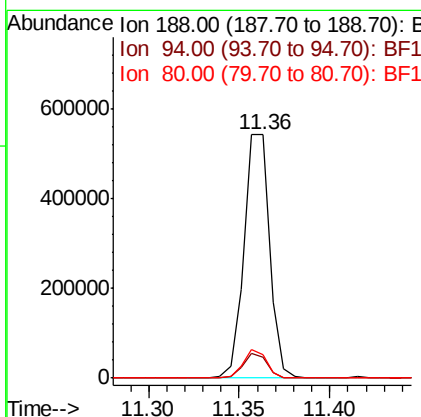
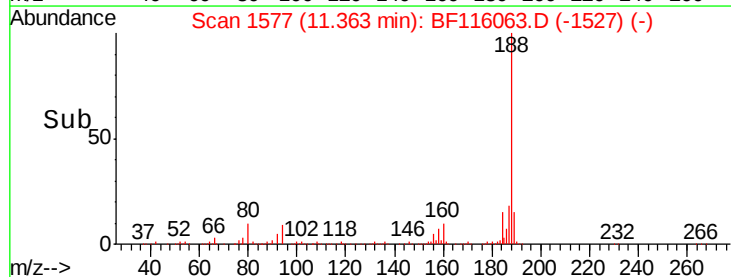
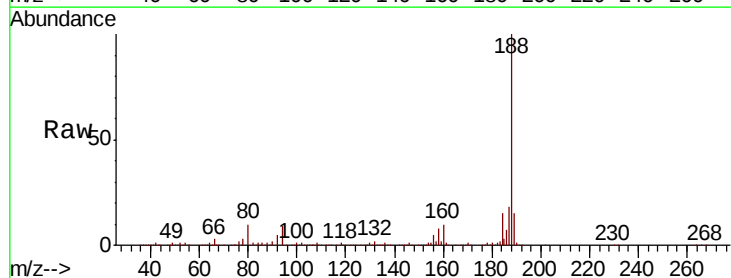
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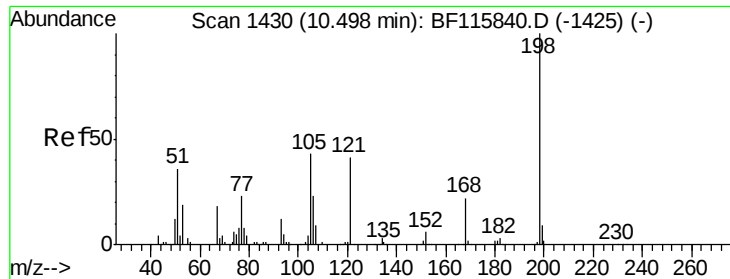
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		533657		
94	8.8	8.1	12.1		
80	9.7	8.7	13.1		





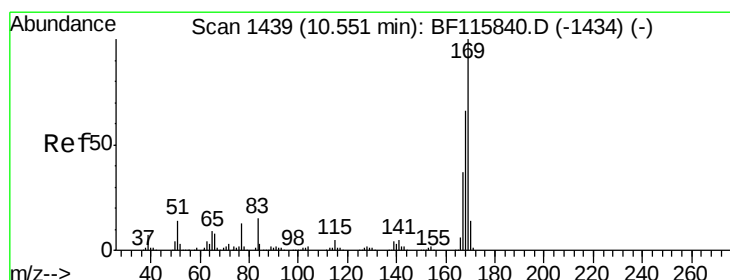
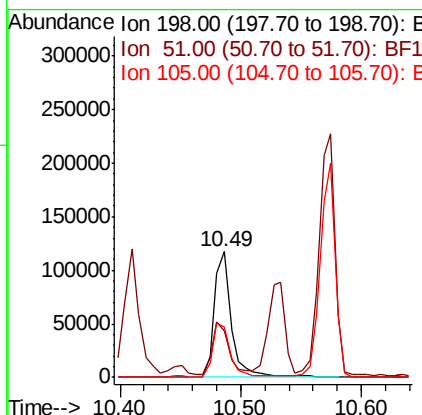
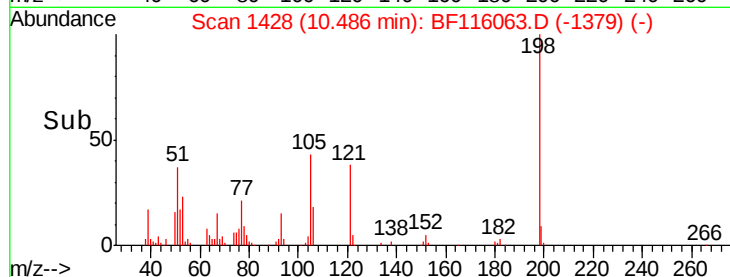
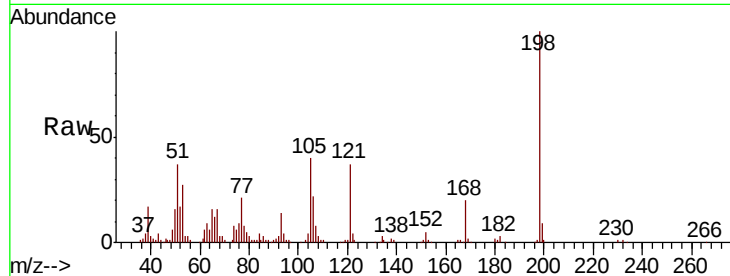
#65
4,6-Dinitro-2-methylphenol
Concen: 40.694 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	115083		
51	36.8		17.0	57.0
105	40.4		21.6	61.6

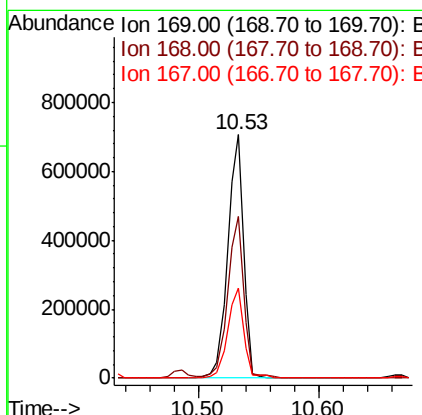
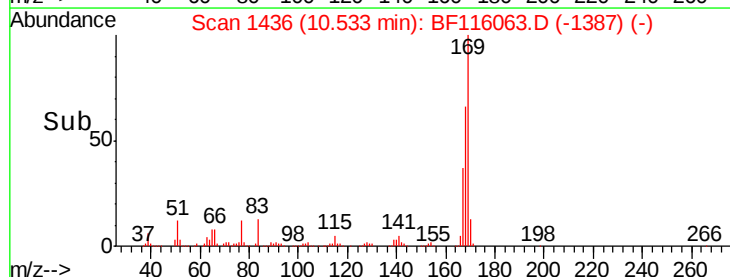
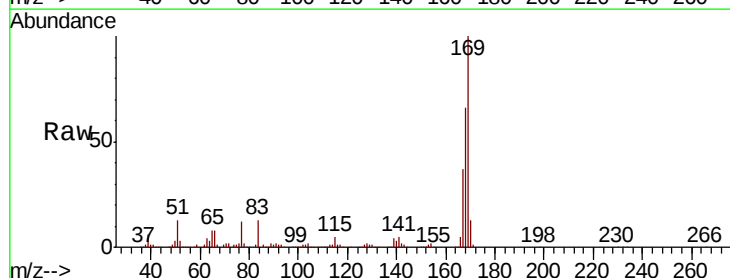
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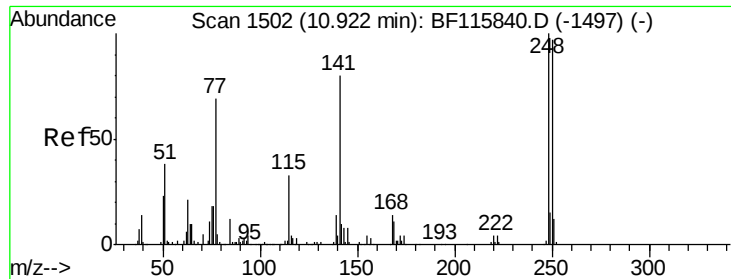
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#66
n-Nitrosodiphenylamine
Concen: 39.949 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	641689		
168	66.3		53.8	80.6
167	37.0		29.6	44.4





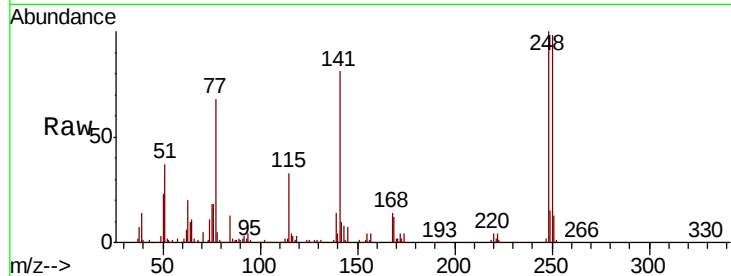
#67
4-Bromophenyl-phenylether
Concen: 38.673 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.4	116.2
141	81.0	56.8	85.2

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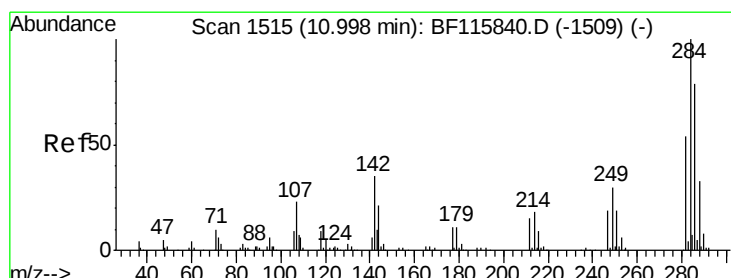
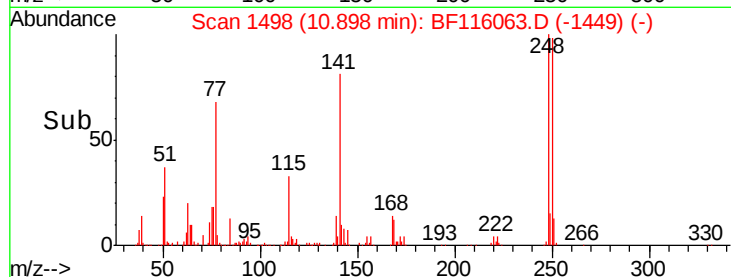
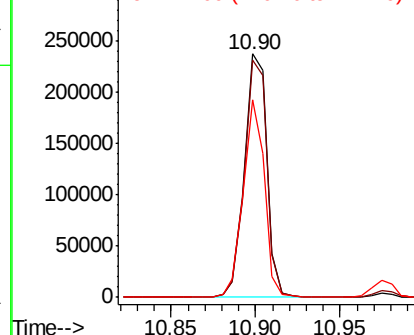


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.698 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

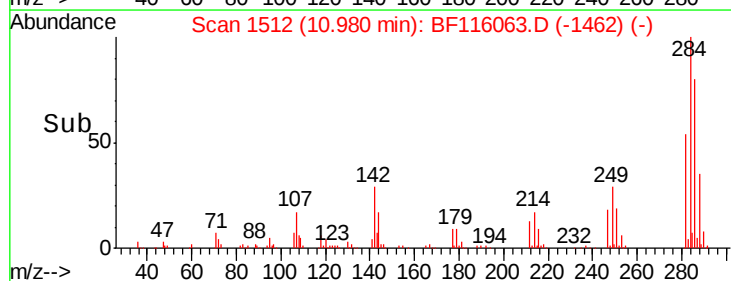
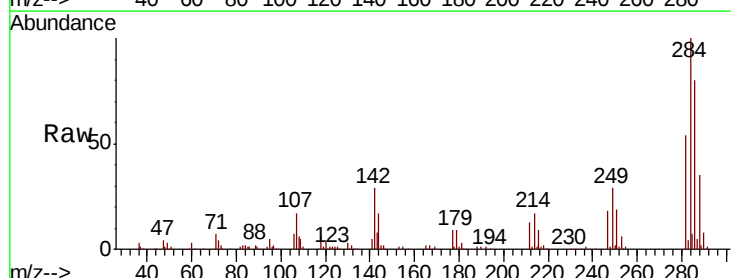
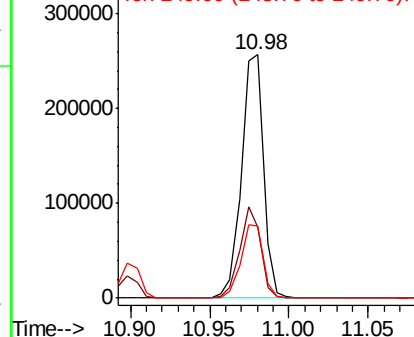
Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	28.4	42.6
249	29.5	24.5	36.7

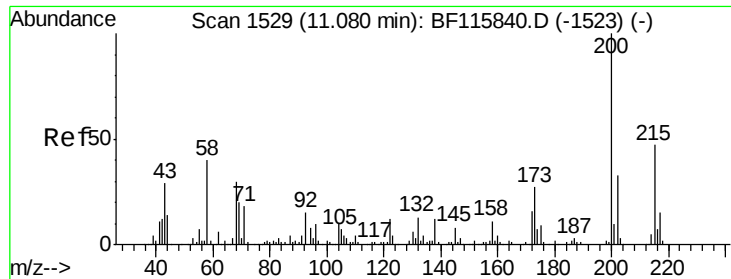
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





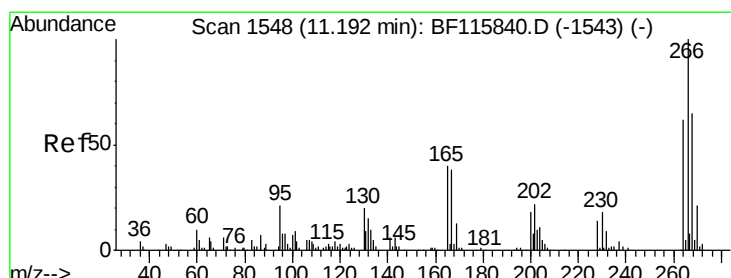
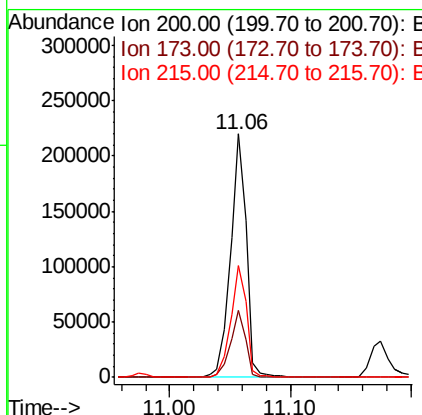
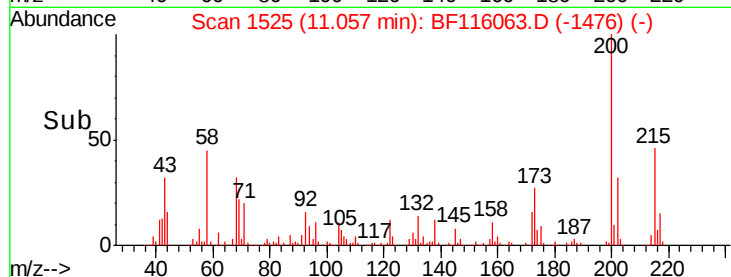
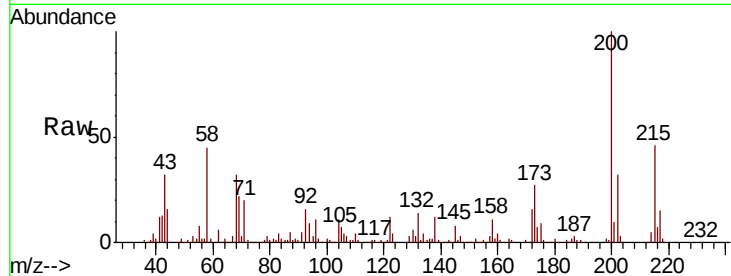
#69
 Atrazine
 Concen: 37.848 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB122055BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	200000		
173	27.3	6.8	46.8	
215	45.8	27.5	67.5	

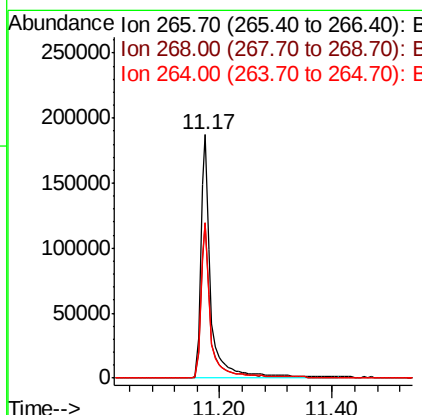
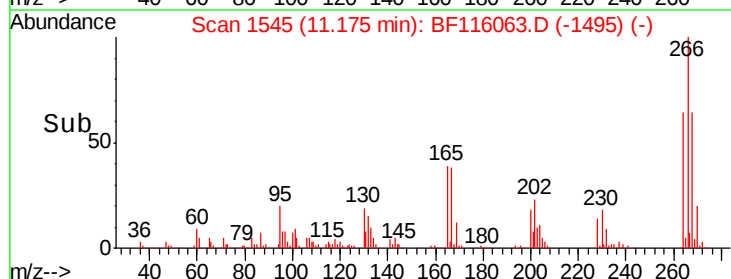
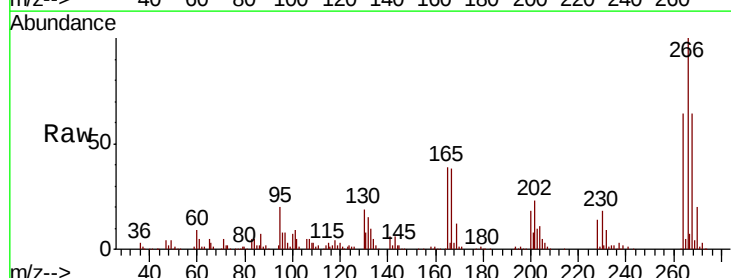
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#70
 Pentachlorophenol
 Concen: 72.465 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	232406		
268	63.8	48.8	73.2	
264	63.6	50.6	76.0	





#71

Phenanthrene

Concen: 38.715 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

ClientSampleId :

PB122055BS

Tot Ion:178 Resp: 1056223

Ion Ratio Lower Upper

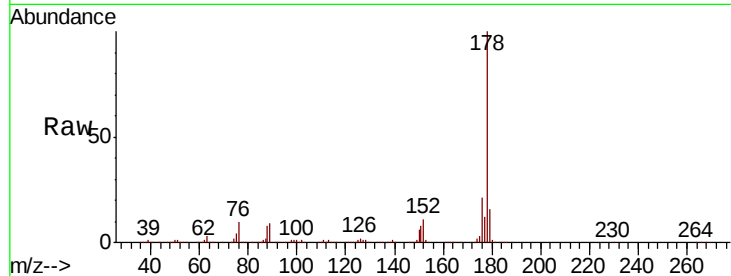
178 100

176 20.7 16.6 24.8

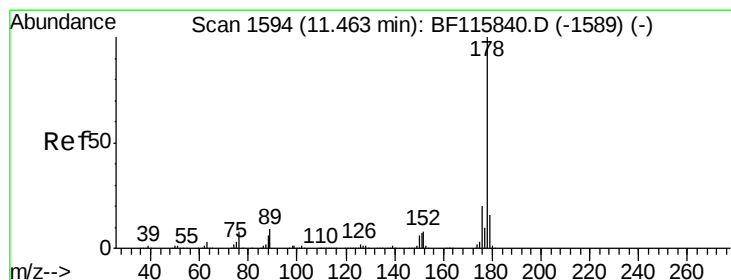
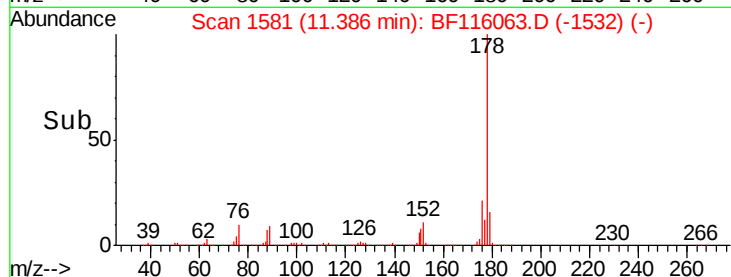
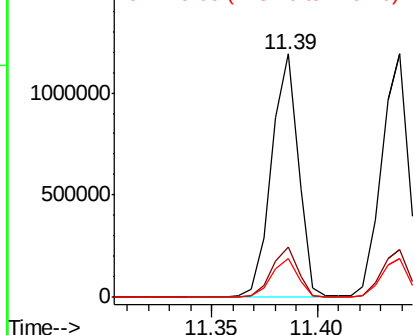
179 16.0 12.5 18.7

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



#72

Anthracene

Concen: 39.546 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Tgt Ion:178 Resp: 1091880

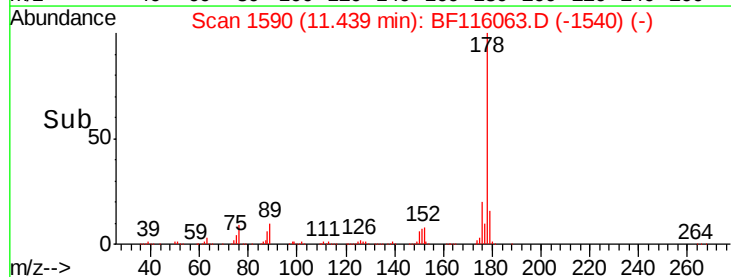
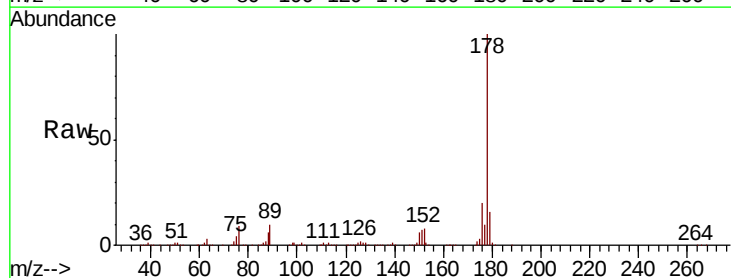
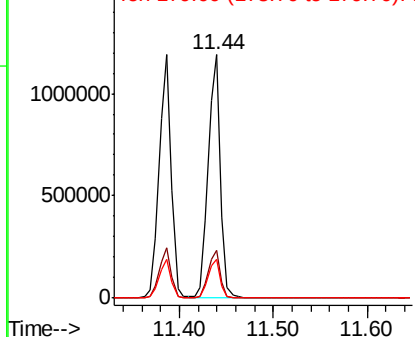
Ion Ratio Lower Upper

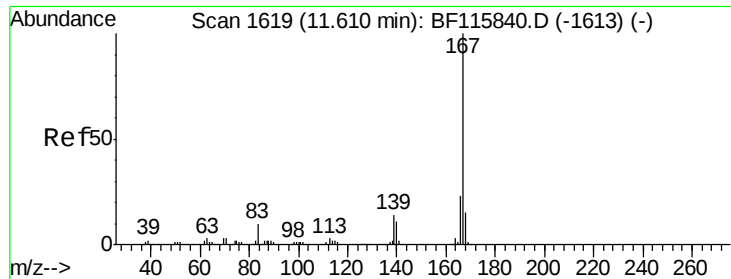
178 100

176 19.9 15.7 23.5

179 15.8 13.0 19.6

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





#73

Carbazole

Concen: 39.685 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

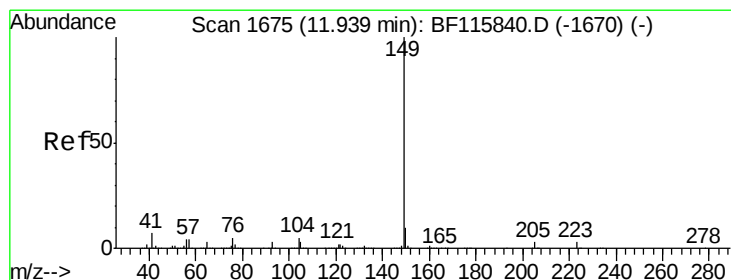
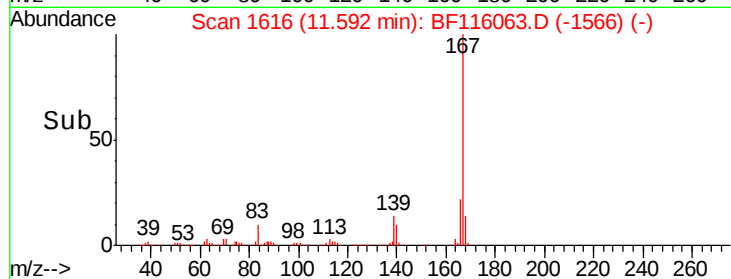
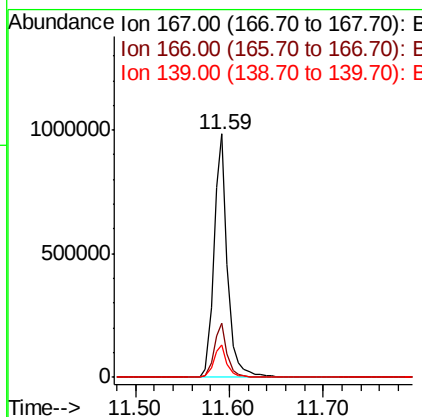
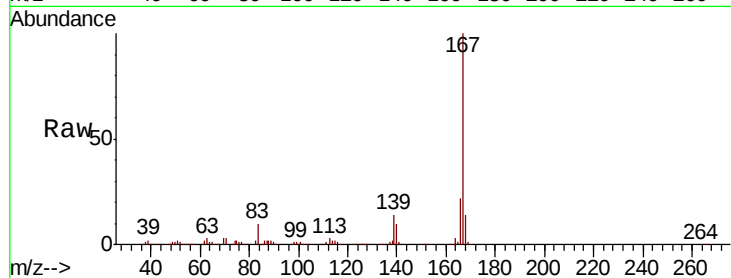
ClientSampleId :

PB122055BS

Tot Ion:	167	Resp:	994072
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.8	26.6
139	13.6	11.4	17.0

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#74

Di-n-butylphthalate

Concen: 41.356 ng

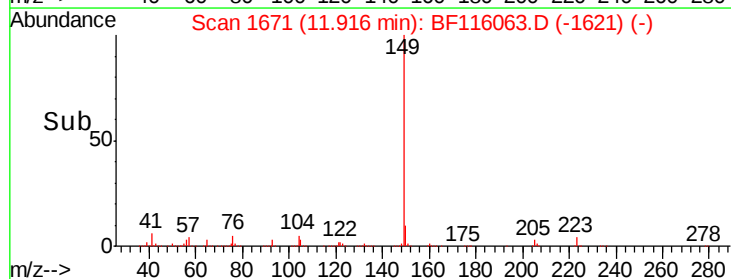
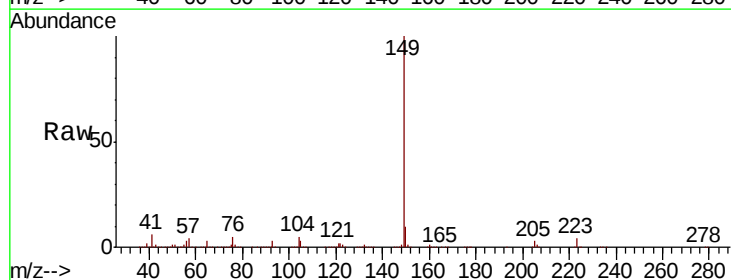
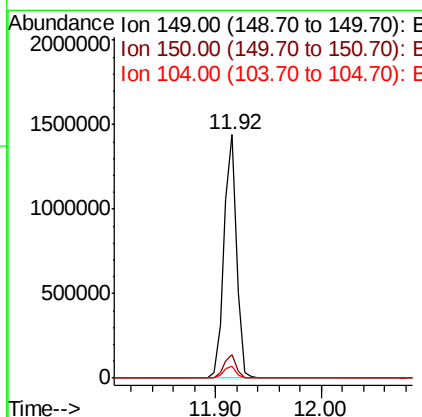
RT: 11.92 min Scan# 1671

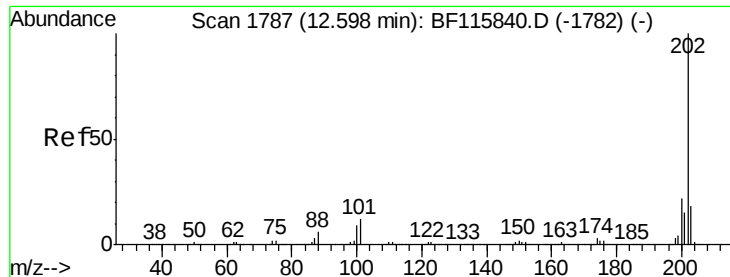
Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Tgt Ion:	149	Resp:	1208483
Ion Ratio	Lower	Upper	
149	100		
150	9.7	8.0	12.0
104	5.1	4.5	6.7





#75

Fluoranthene

Concen: 39.415 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

ClientSampleId :

PB122055BS

Tot Ion:202 Resp: 1125730

Ion Ratio Lower Upper

202 100

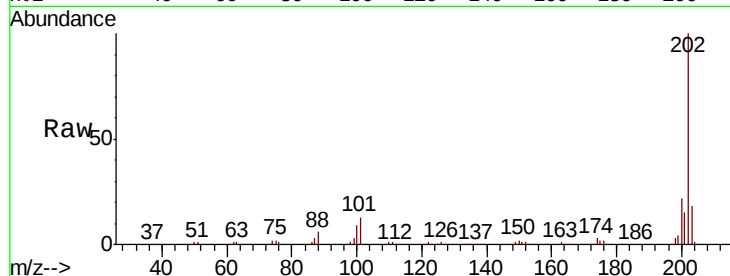
101 12.6 0.0 31.2

203 18.2 0.0 37.8

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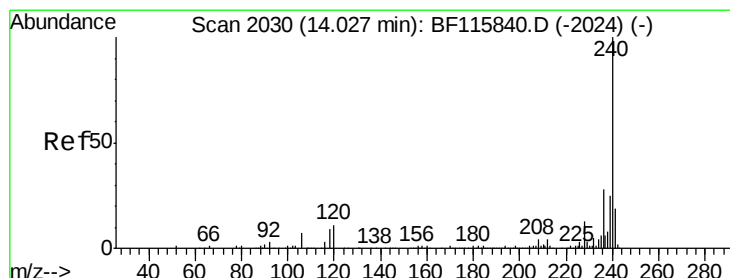
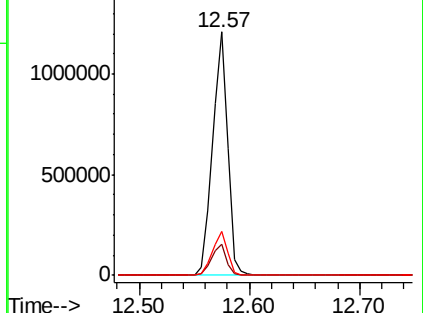
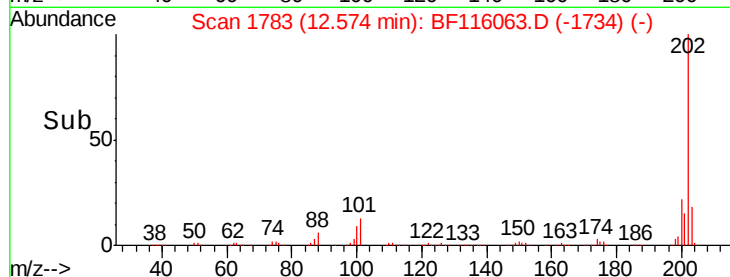
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

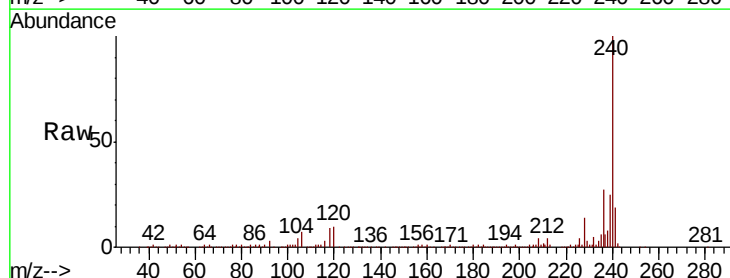
Tgt Ion:240 Resp: 384893

Ion Ratio Lower Upper

240 100

120 10.3 10.7 16.1#

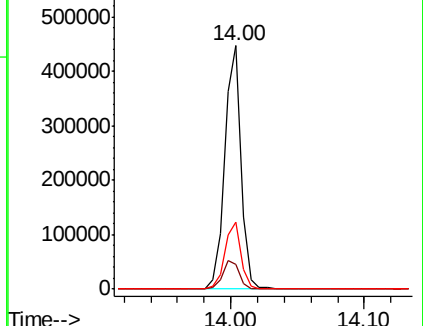
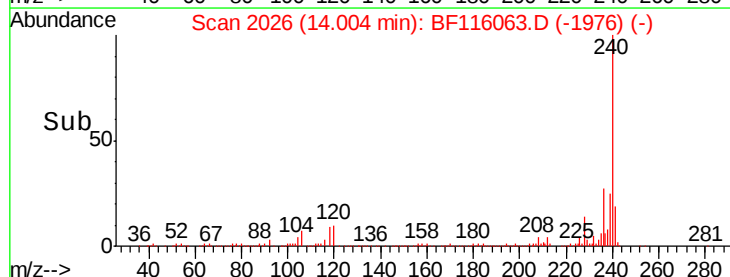
236 27.5 22.2 33.2

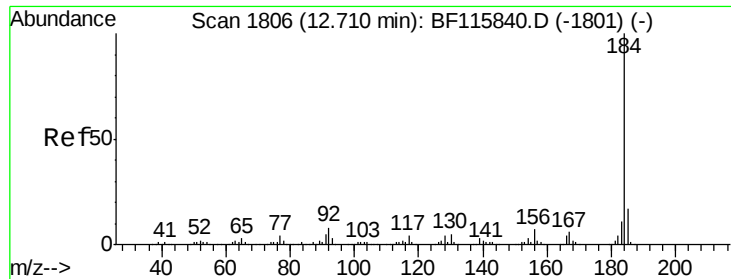


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





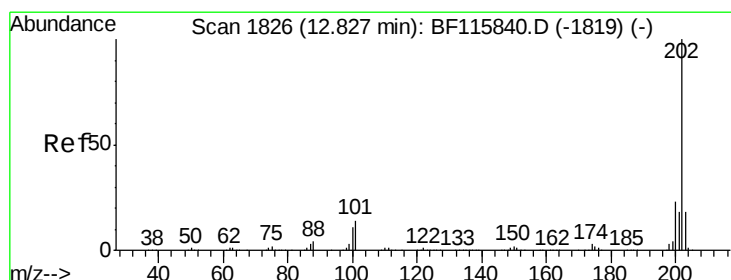
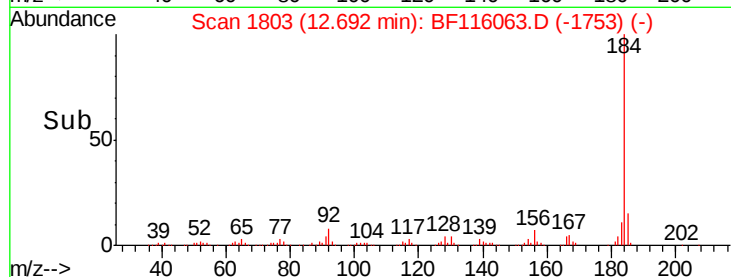
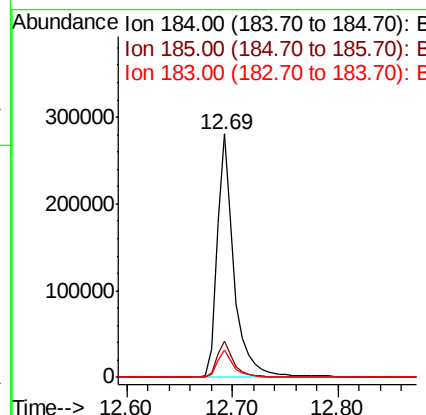
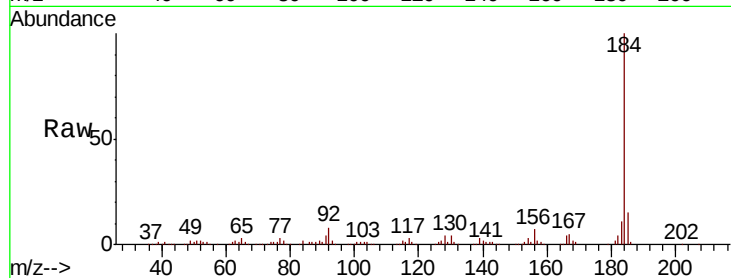
#77
Benzidine
Concen: 24.489 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.8	19.2
183	11.4	9.4	14.0

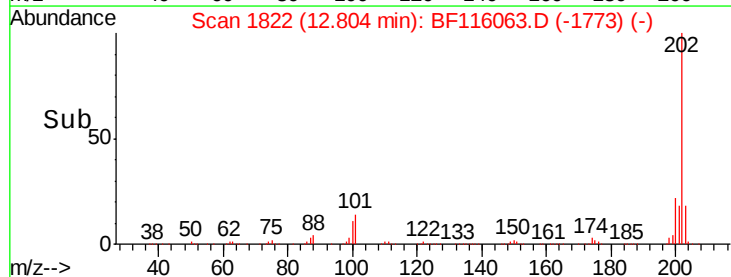
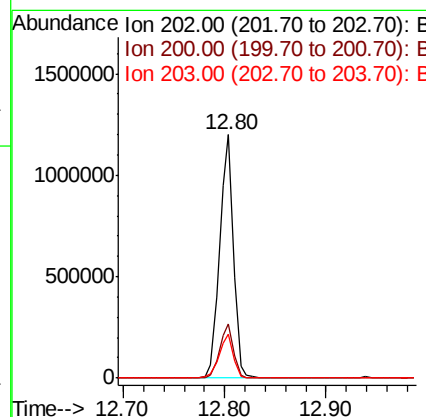
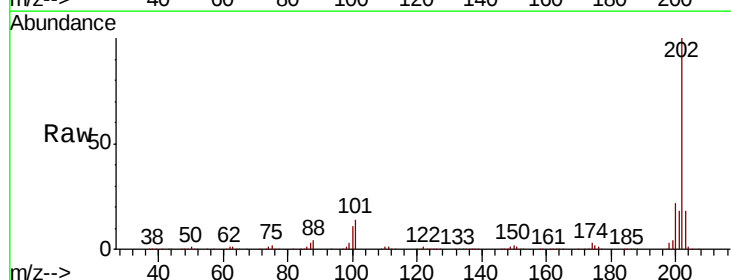
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#78
Pyrene
Concen: 39.165 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.0	27.0
203	18.0	14.1	21.1





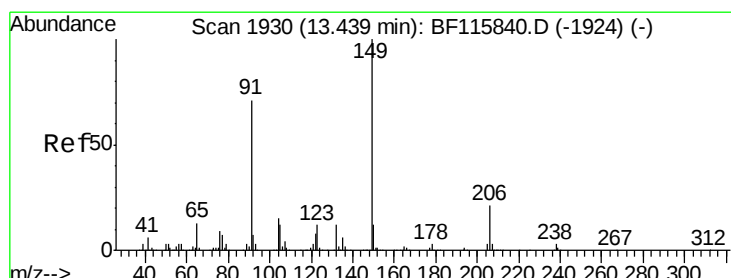
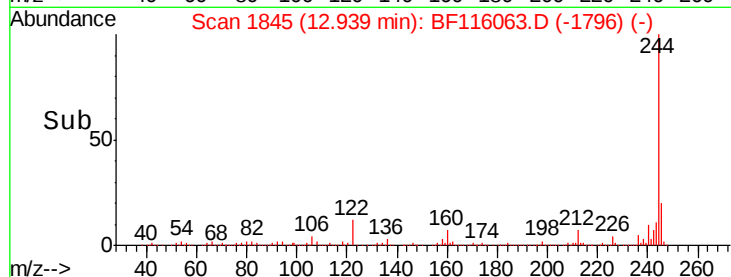
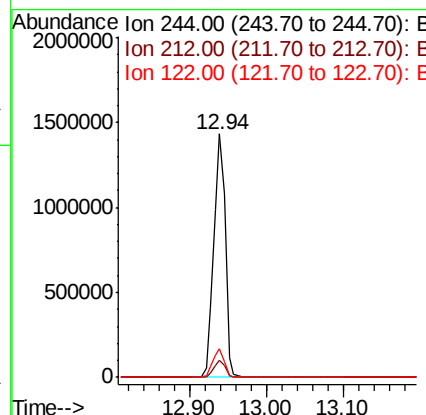
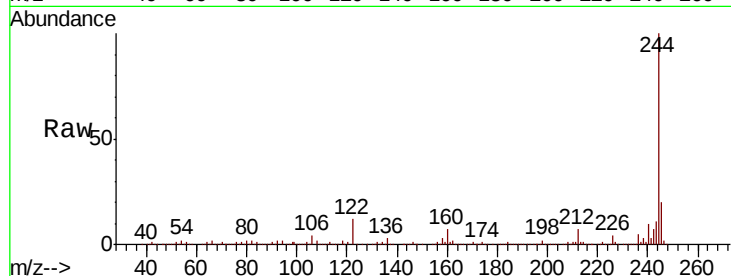
#79
 Terphenyl-d14
 Concen: 79.977 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB122055BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.5	9.0	13.4

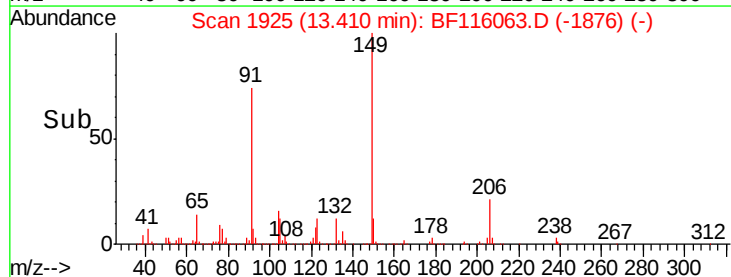
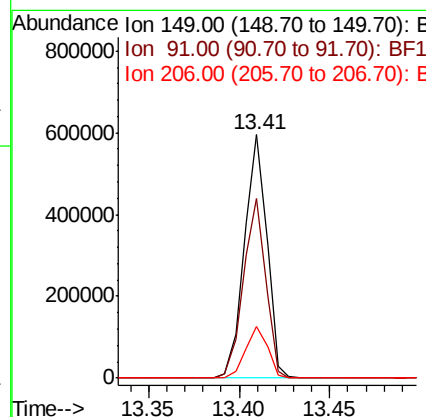
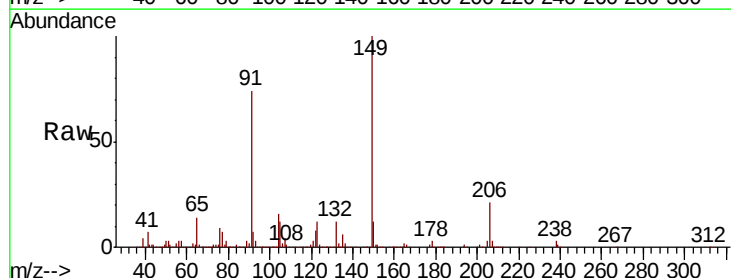
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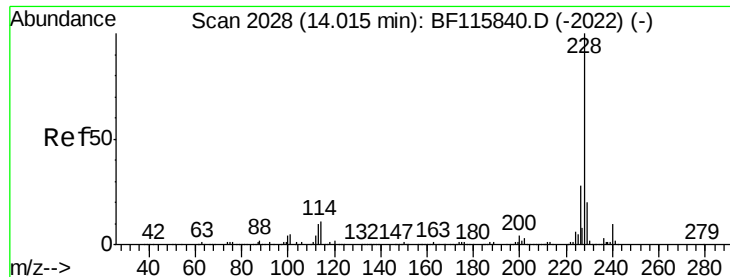
mohammad
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#80
 Butylbenzylphthalate
 Concen: 41.867 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.6	56.3	84.5
206	21.1	18.0	27.0





#81

Benzo(a)anthracene

Concen: 38.895 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

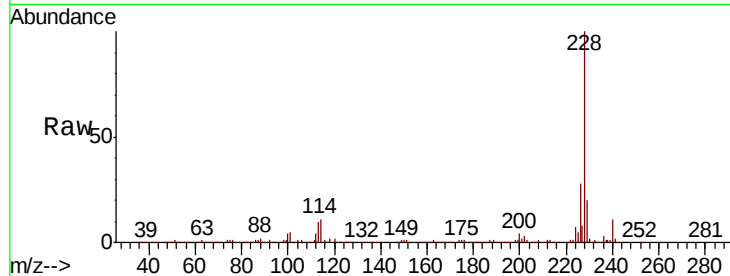
ClientSampleId :

PB122055BS

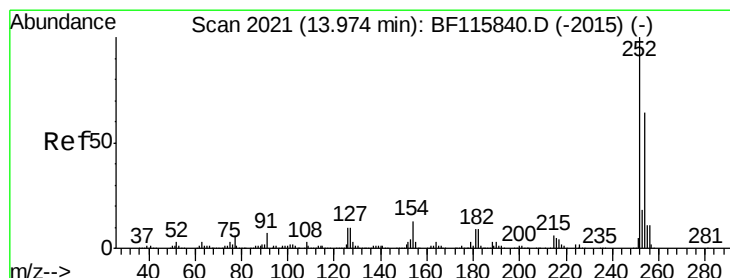
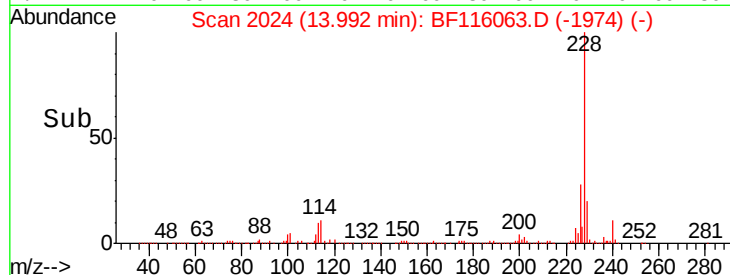
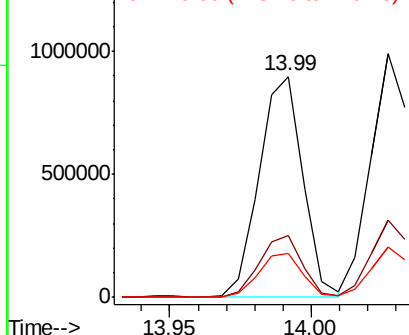
Tot Ion:	228	Resp:	956848
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.7	34.1
229	20.0	16.2	24.4

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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: 35.318 ng

RT: 13.94 min Scan# 2016

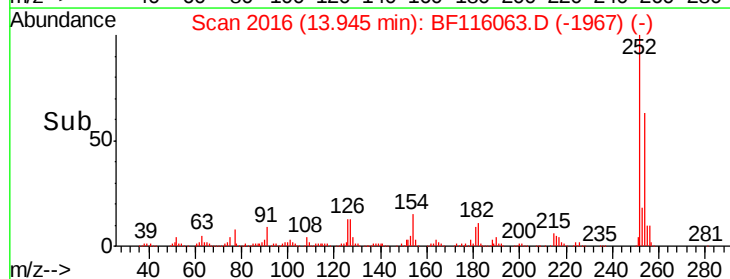
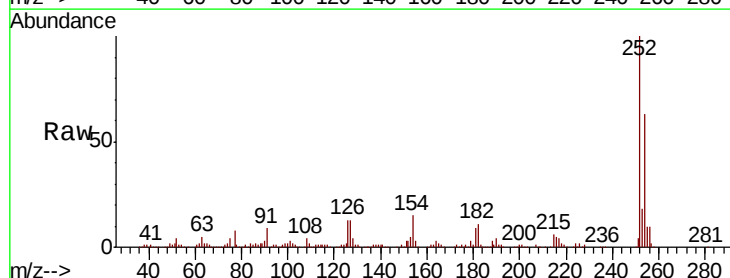
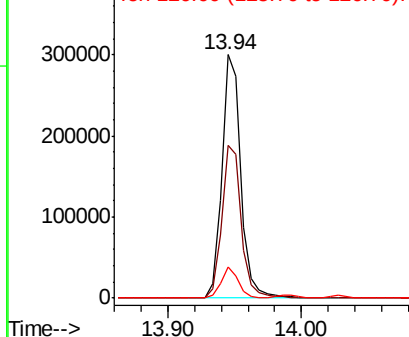
Delta R.T. -0.01 min

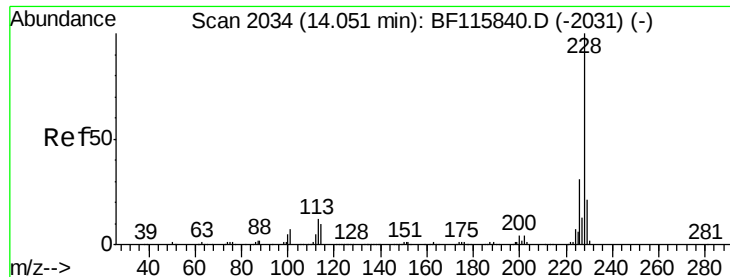
Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Tgt Ion:	252	Resp:	301854
Ion Ratio	Lower	Upper	
252	100		
254	62.8	50.9	76.3
126	13.0	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





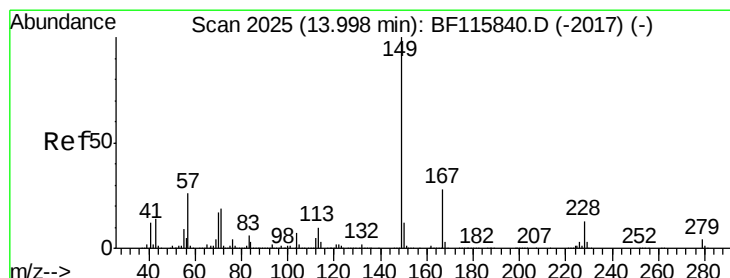
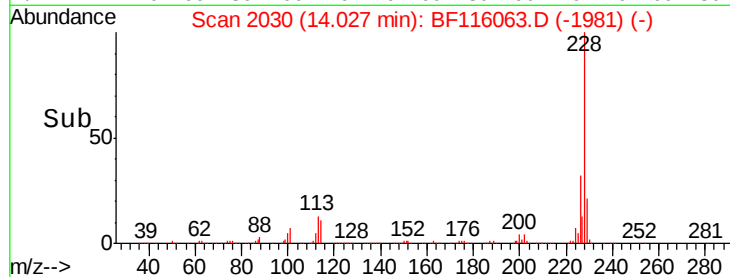
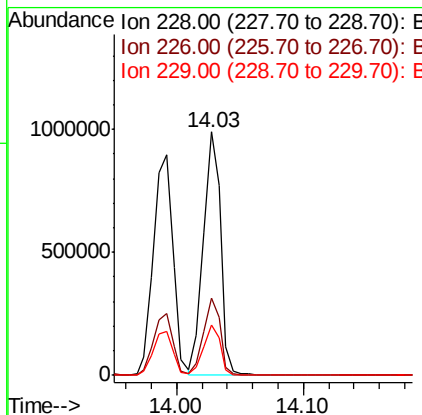
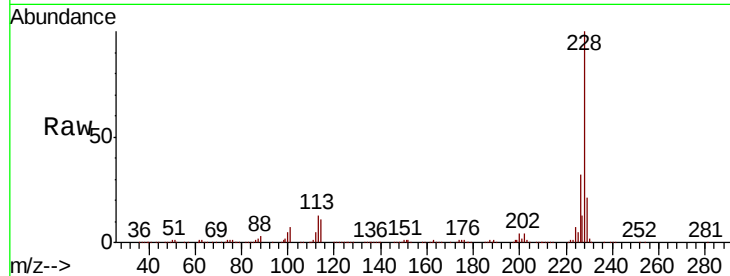
#83
 Chrysene
 Concen: 39.278 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB122055BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	938112		
226	31.5	25.5	38.3	
229	20.6	16.6	24.8	

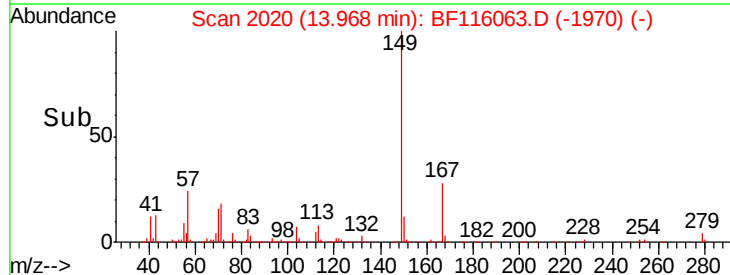
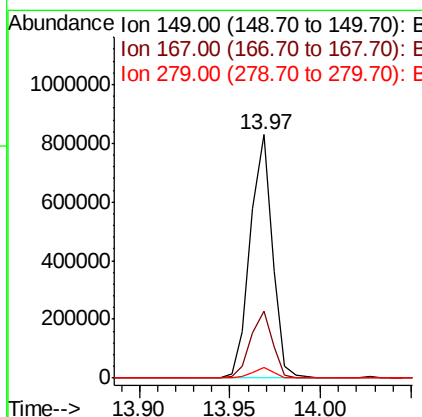
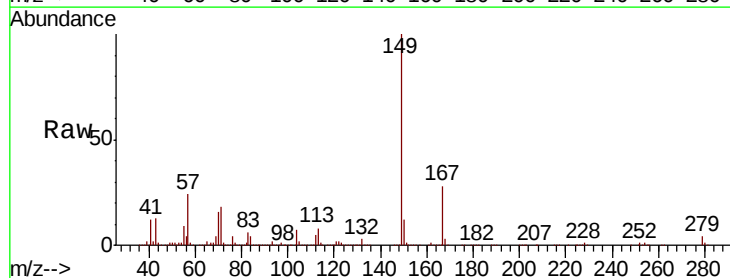
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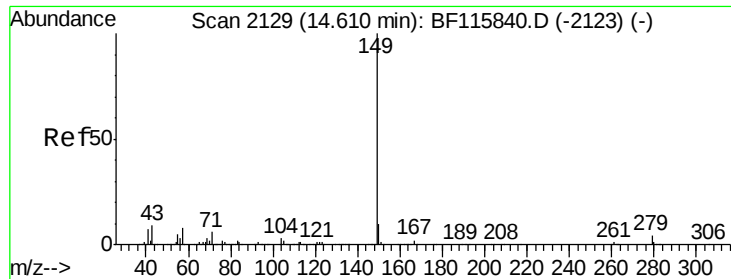
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.419 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	708420		
167	27.7	21.6	32.4	
279	4.3	3.0	4.4	





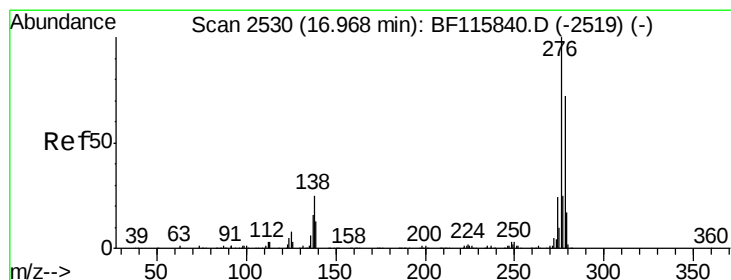
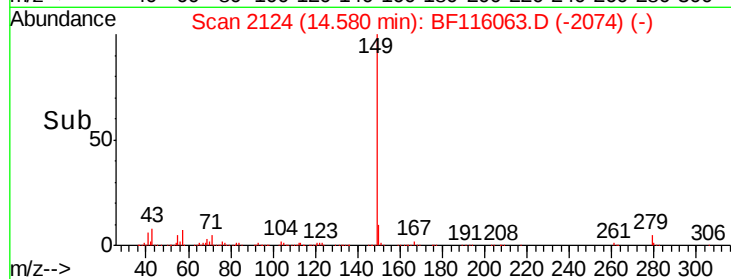
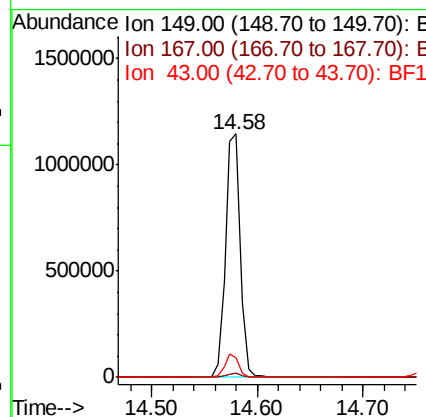
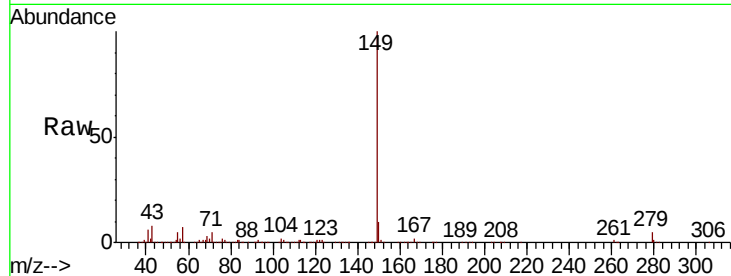
#85
Di-n-octyl phthalate
Concen: 44.633 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.0	7.5	11.3

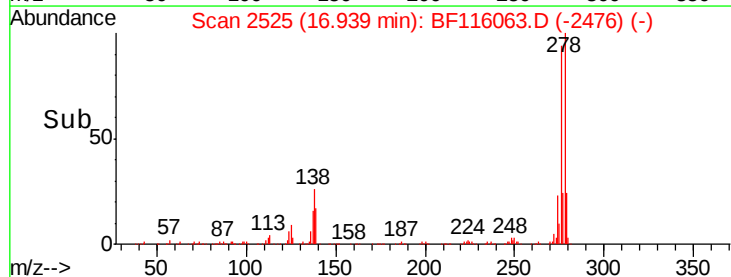
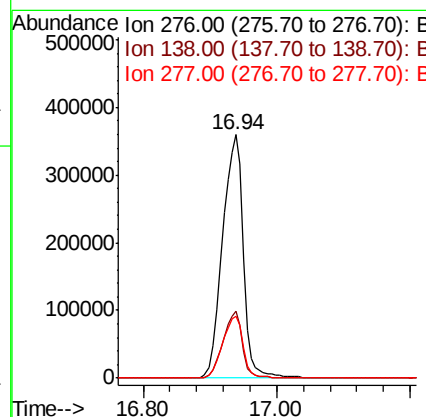
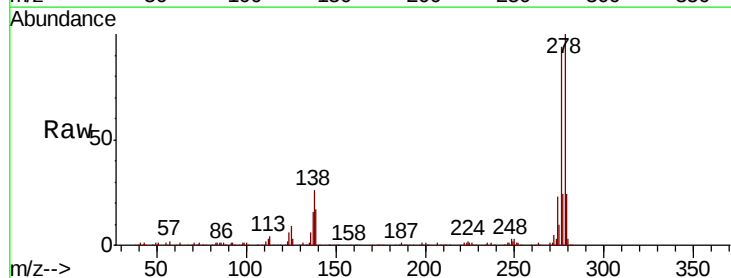
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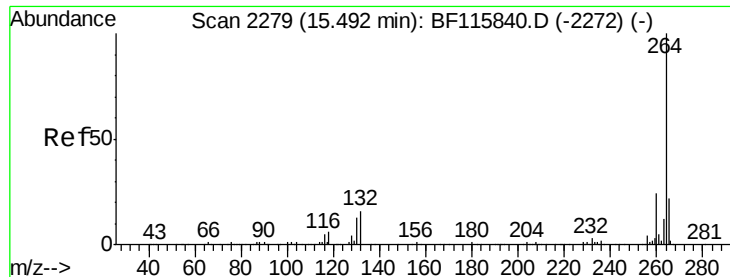
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.629 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.4	30.6
277	25.2	20.0	30.0





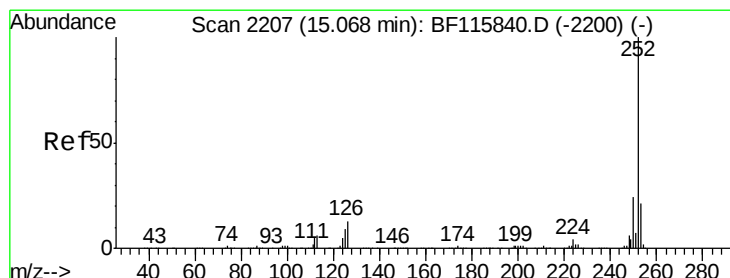
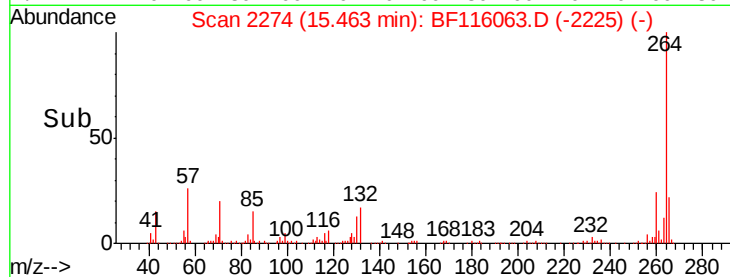
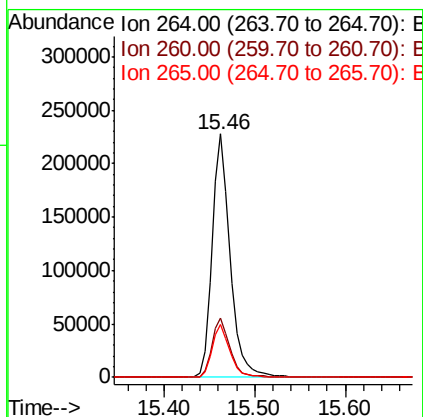
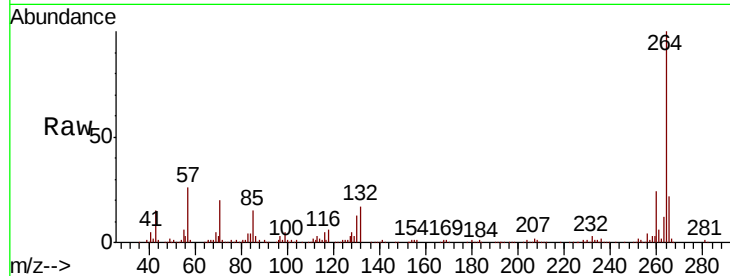
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Tot Ion:	264	Resp:	314396
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.7	29.5
265	21.7	17.4	26.0

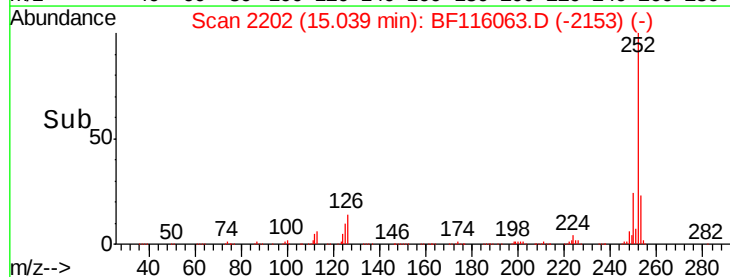
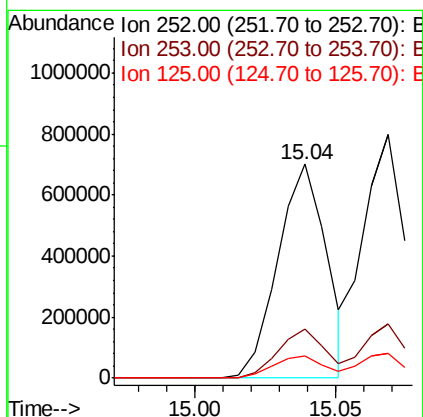
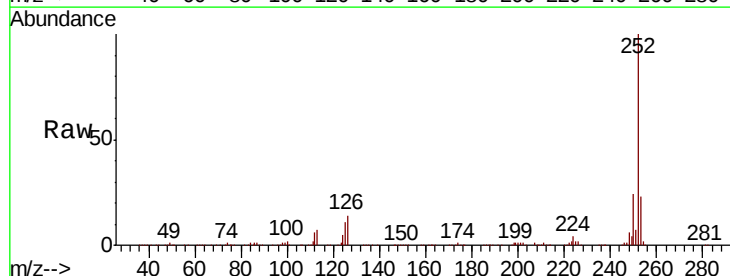
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#88
Benzo(b)fluoranthene
Concen: 46.067 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion:	252	Resp:	837441
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.8
125	10.6	8.4	12.6





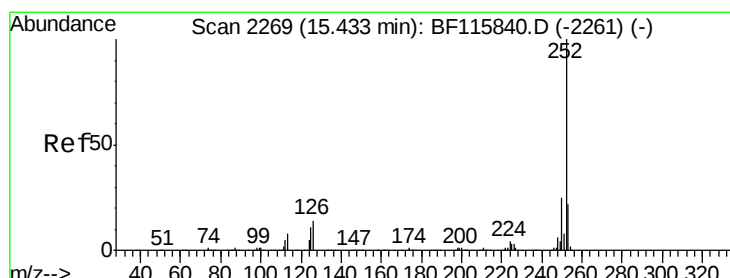
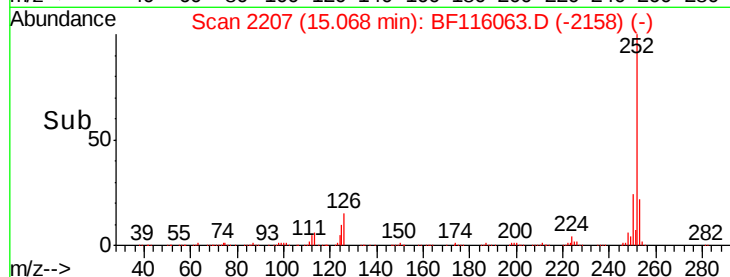
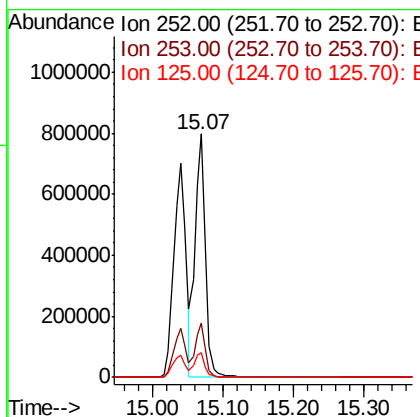
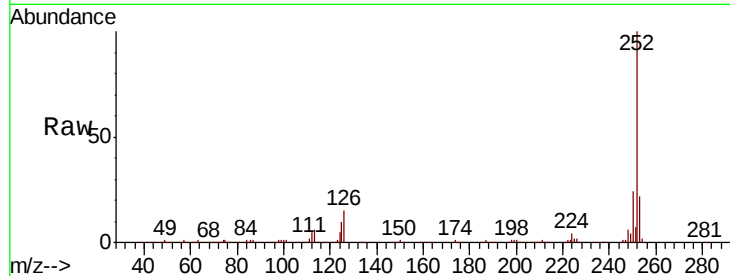
#89
Benzo(k)fluoranthene
Concen: 47.459 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.4	7.7	11.5

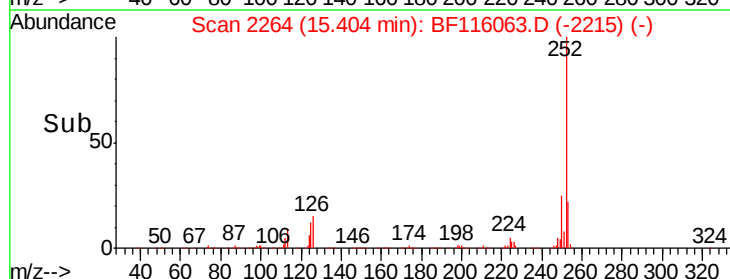
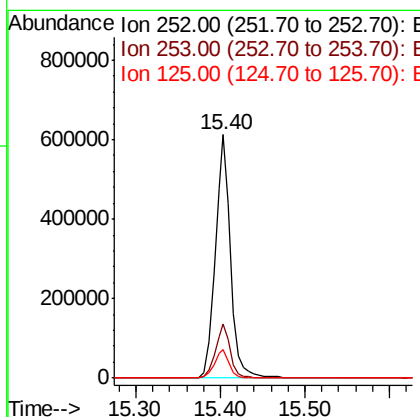
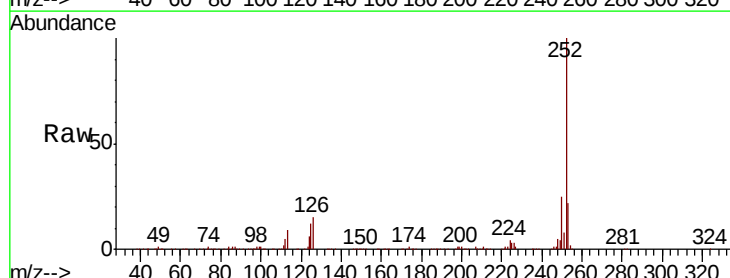
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#90
Benzo(a)pyrene
Concen: 47.868 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.8	8.9	13.3





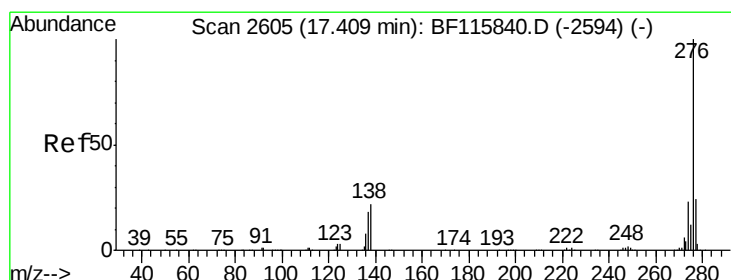
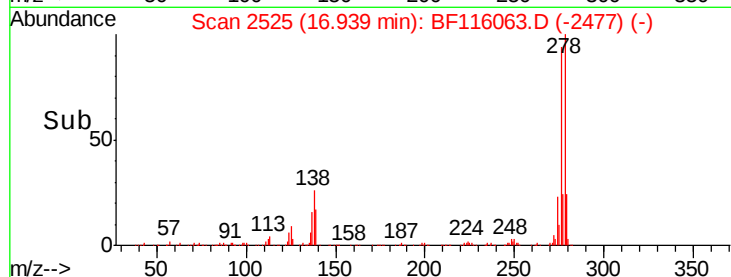
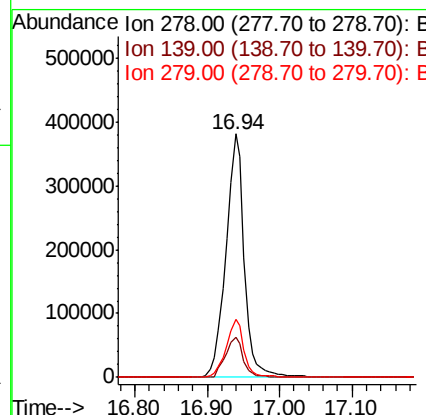
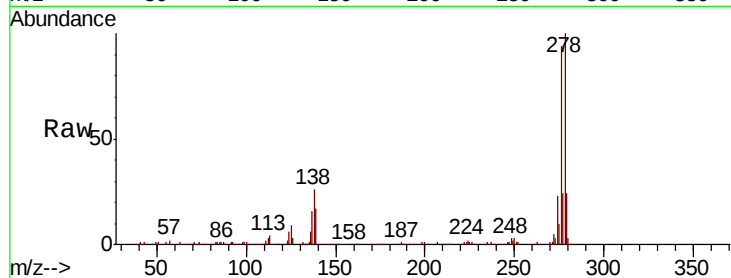
#91
Dibenzo(a,h)anthracene
Concen: 47.769 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.02 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	12.8	19.2
279	24.0	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 47.765 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.4	27.6
138	22.0	17.0	25.6

