

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF117010.D
 Acq On : 13 Sep 2019 00:17
 Operator : HP/JU
 Sample : K4712-08MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-20-22MS

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:00:01 AM

Quant Time: Sep 13 08:43:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	60551	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	243880	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	126751	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	203307	20.00	ng	0.00
76) Chrysene-d12	13.97	240	137478	20.00	ng	0.00
87) Perylene-d12	15.42	264	127736	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	415648	111.21	ng	0.01
7) Phenol-d6	6.46	99	518528	105.65	ng	0.00
23) Nitrobenzene-d5	7.39	82	421531	98.67	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	133364	157.39	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	747372	99.47	ng	0.00
79) Terphenyl-d14	12.92	244	690474	92.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	58182	33.722	ng	98
3) Pyridine	3.37	79	120643	24.150	ng	99
4) n-Nitrosodimethylamine	3.28	42	59718	34.812	ng	# 98
6) Aniline	6.49	93	90374	13.295	ng	# 78
8) 2-Chlorophenol	6.62	128	167563	41.068	ng	97
9) Benzaldehyde	6.37	77	91555	28.316	ng	98
10) Phenol	6.47	94	190721	35.094	ng	95
11) bis(2-Chloroethyl)ether	6.56	93	174826	41.314	ng	98
12) 1,3-Dichlorobenzene	6.77	146	188035	40.776	ng	98
13) 1,4-Dichlorobenzene	6.85	146	193021	42.044	ng	98
14) 1,2-Dichlorobenzene	7.00	146	179566	42.206	ng	99
15) Benzyl Alcohol	6.97	79	168413	42.274	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	169107	34.061	ng	97
17) 2-Methylphenol	7.08	107	137989	38.634	ng	98
18) Hexachloroethane	7.34	117	65674	36.819	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	132219	40.916	ng	98
20) 3+4-Methylphenols	7.23	107	170739	41.113	ng	# 69
22) Acetophenone	7.23	105	276809	47.145	ng	95
24) Nitrobenzene	7.41	77	208077	47.890	ng	100
25) Isophorone	7.65	82	374716	43.287	ng	98
26) 2-Nitrophenol	7.72	139	82278	50.935	ng	99
27) 2,4-Dimethylphenol	7.76	122	147425	45.190	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	227138	42.937	ng	100
29) 2,4-Dichlorophenol	7.97	162	140380	44.776	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	151152	44.449	ng	99
31) Naphthalene	8.13	128	536407	46.255	ng	99
32) Benzoic acid	7.87	122	46099	25.026	ng	90
33) 4-Chloroaniline	8.17	127	46510	8.811	ng	97
34) Hexachlorobutadiene	8.25	225	86135	46.456	ng	97
35) Caprolactam	8.53	113	39482m	33.650	ng	
36) 4-Chloro-3-methylphenol	8.66	107	166381	46.174	ng	100
37) 2-Methylnaphthalene	8.82	142	372366	48.259	ng	98
38) 1-Methylnaphthalene	8.92	142	349540	47.989	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	144451	47.541	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	25717	14.657	ng	94
43) 2,4,6-Trichlorophenol	9.10	196	93292	44.791	ng	100
44) 2,4,5-Trichlorophenol	9.14	196	104597	48.372	ng	97
46) 1,1'-Biphenyl	9.28	154	442082	45.964	ng	98
47) 2-Chloronaphthalene	9.30	162	350864	46.058	ng	97
48) 2-Nitroaniline	9.40	65	114277	51.889	ng	99
49) Acenaphthylene	9.72	152	548819	47.660	ng	99
50) Dimethylphthalate	9.57	163	518172	59.214	ng	100
51) 2,6-Dinitrotoluene	9.64	165	86105	51.572	ng #	83
52) Acenaphthene	9.89	154	315859	44.642	ng	98
53) 3-Nitroaniline	9.80	138	52159	24.928	ng	94
54) 2,4-Dinitrophenol	9.92	184	8504	21.773	ng	89
55) Dibenzofuran	10.06	168	491152	49.242	ng	99
56) 4-Nitrophenol	9.97	139	117293	81.756	ng	95
57) 2,4-Dinitrotoluene	10.05	165	111627	54.679	ng	99
58) Fluorene	10.40	166	395194	51.999	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	77220	49.481	ng	98
60) Diethylphthalate	10.27	149	423985	48.369	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	170109	51.114	ng	94
62) 4-Nitroaniline	10.42	138	95166	46.867	ng	98
63) Azobenzene	10.56	77	431149	47.171	ng	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	7908	16.373	ng	92
66) n-Nitrosodiphenylamine	10.51	169	351972	50.045	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	100708	48.761	ng #	89
68) Hexachlorobenzene	10.96	284	102651	47.504	ng	97
69) Atrazine	11.04	200	97215	49.353	ng	97
70) Pentachlorophenol	11.15	266	94948	90.832	ng	98
71) Phenanthrene	11.36	178	547362	48.365	ng	99
72) Anthracene	11.42	178	561553	49.291	ng	99
73) Carbazole	11.57	167	516290	47.575	ng	100
74) Di-n-butylphthalate	11.90	149	686659	49.357	ng	99
75) Fluoranthene	12.55	202	518869	46.652	ng	99
77) Benzidine	12.67	184	241195	44.730	ng	98
78) Pyrene	12.78	202	522612	42.764	ng	98
80) Butylbenzylphthalate	13.39	149	268017	45.098	ng	93
81) Benzo(a)anthracene	13.96	228	429618	49.376	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	125699	42.749	ng	98
83) Chrysene	14.00	228	429008	47.858	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	372610	50.791	ng	99
85) Di-n-octyl phthalate	14.56	149	632616	52.694	ng	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	295706	41.069	ng	100
88) Benzo(b)fluoranthene	15.00	252	371645	48.124	ng	99
89) Benzo(k)fluoranthene	15.03	252	360253	51.162	ng	99
90) Benzo(a)pyrene	15.36	252	330302	49.160	ng	97
91) Dibenzo(a,h)anthracene	16.87	278	252335	42.906	ng	98
92) Benzo(g,h,i)perylene	17.30	276	241033	40.186	ng	95

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

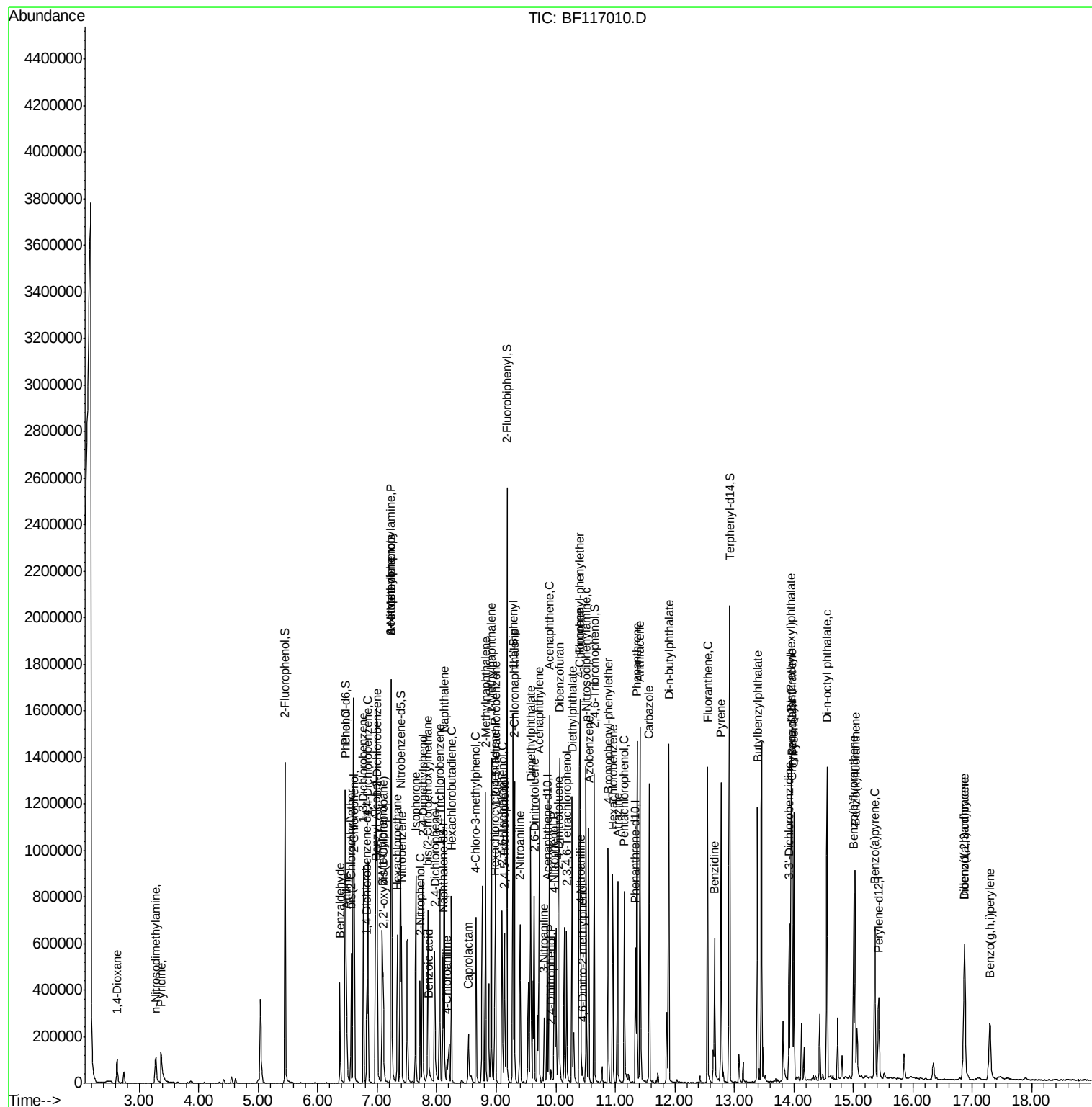
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Instrument :

BNA_F

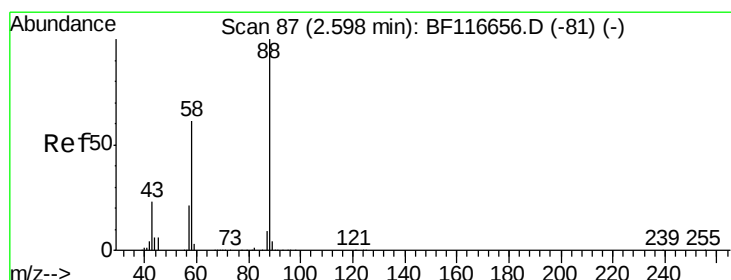
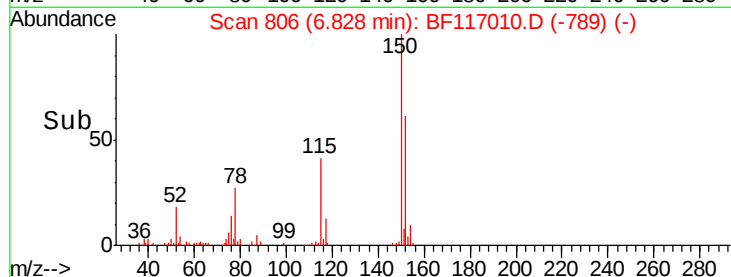
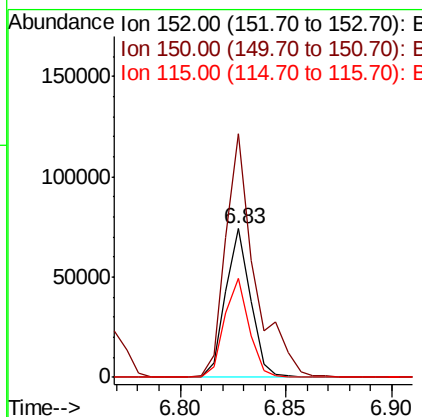
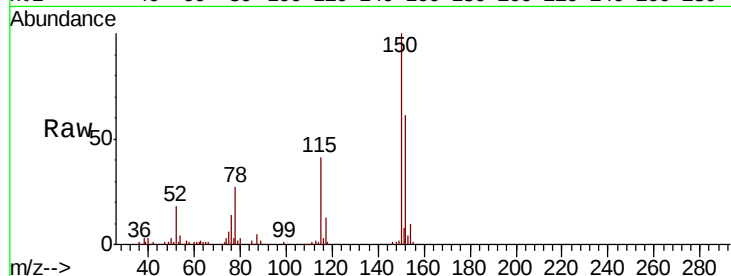
ClientSampleId :

SB-4-20-22MS

Tot Ion:	152	Resp:	60551
Ion	Ratio	Lower	Upper
152	100		
150	164.2	126.2	189.2
115	66.7	50.2	75.2

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#2

1,4-Dioxane

Concen: 33.722 ng

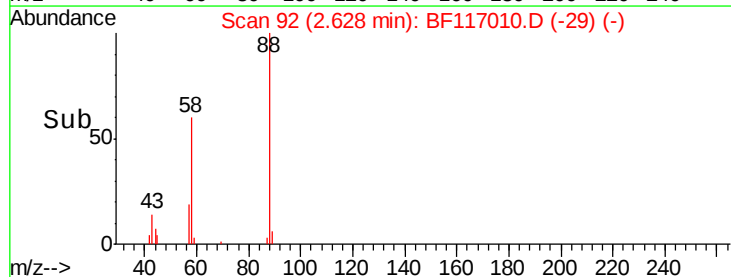
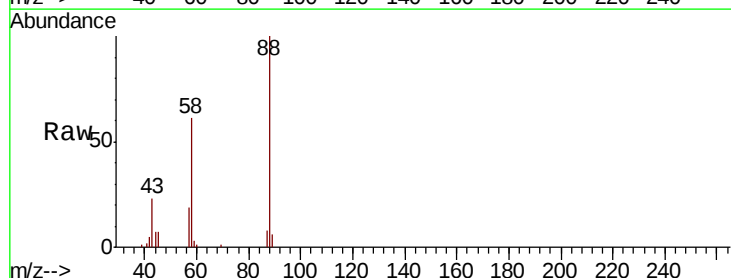
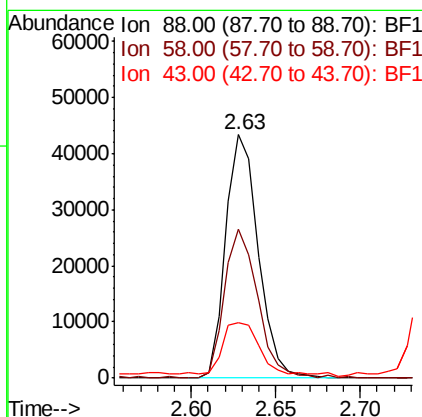
RT: 2.63 min Scan# 92

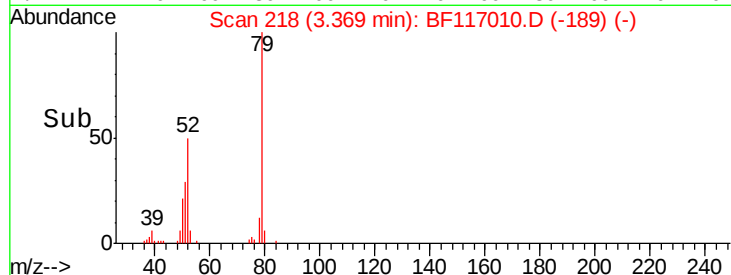
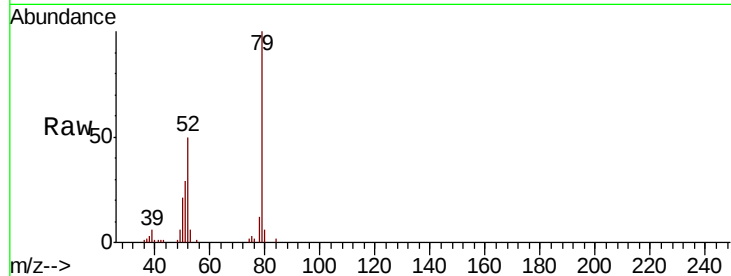
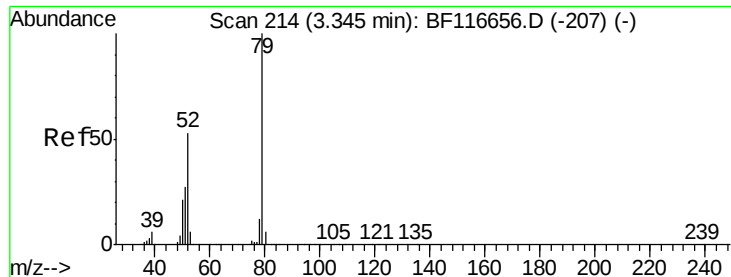
Delta R.T. 0.07 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Tgt Ion:	88	Resp:	58182
Ion	Ratio	Lower	Upper
88	100		
58	62.4	49.4	74.2
43	26.7	18.6	28.0





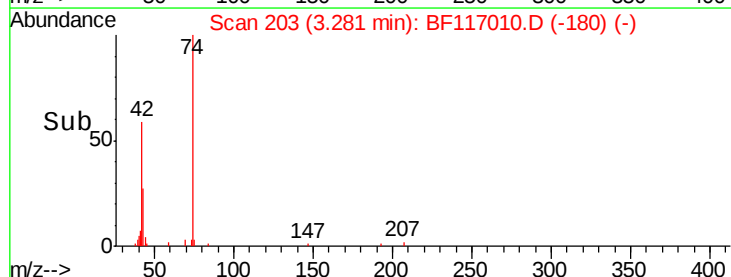
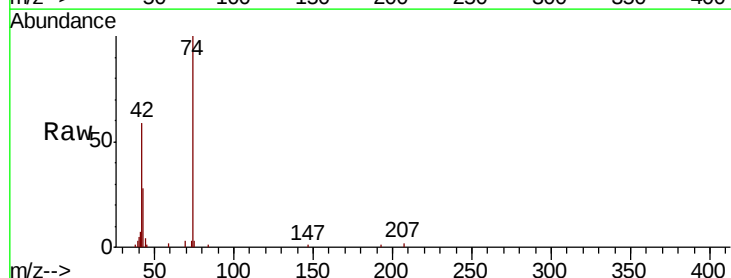
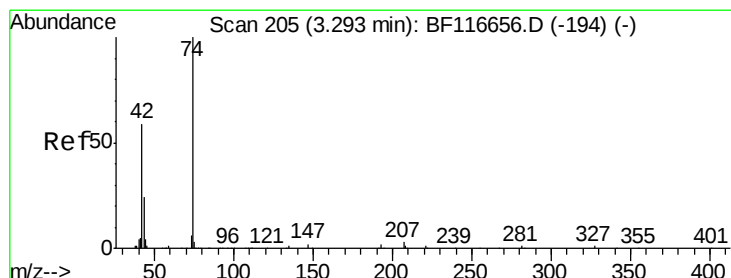
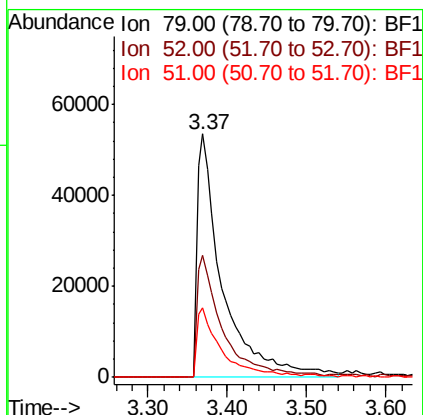
#3
 Pvridine
 Concen: 24.150 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.07 min
 Lab File: BF117010.D
 Acq: 13 Sep 2019 00:17

Tot Ion:	79	Resp:	120643
Ion Ratio	Lower	Upper	
79	100		
52	50.3	40.5	60.7
51	28.7	22.3	33.5

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-20-22MS

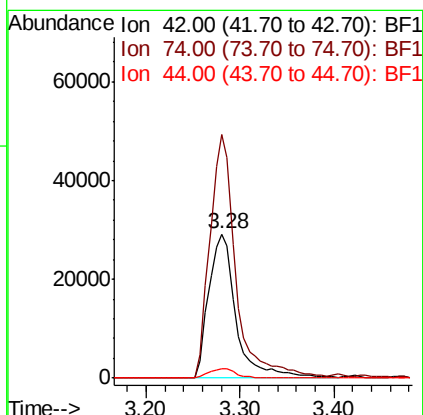
Manual Integrations
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#4
 n-Nitrosodimethylamine
 Concen: 34.812 ng
 RT: 3.28 min Scan# 203
 Delta R.T. 0.04 min
 Lab File: BF117010.D
 Acq: 13 Sep 2019 00:17

Tgt Ion:	42	Resp:	59718
Ion Ratio	Lower	Upper	
42	100		
74	168.8	137.6	206.4
44	6.8	4.4	6.6#





#5

2-Fluorophenol

Concen: 111.208 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Instrument :

BNA_F

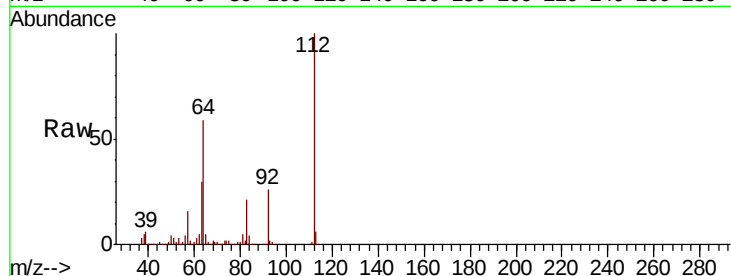
ClientSampleId :

SB-4-20-22MS

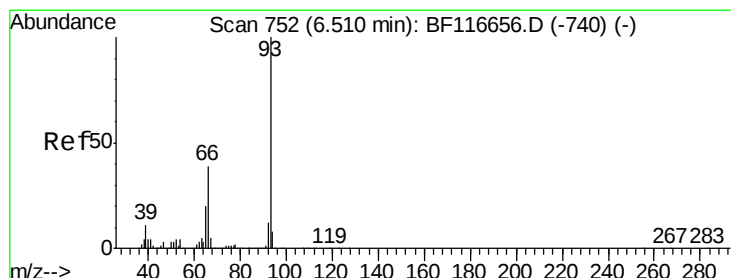
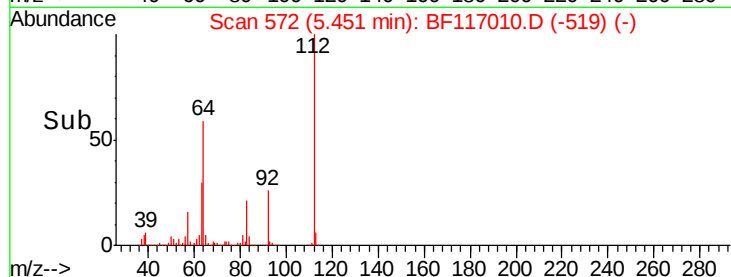
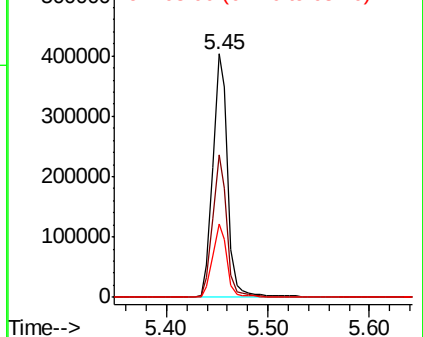
Tot Ion:	112	Resp:	415648
Ion Ratio	Lower	Upper	
112	100		
64	58.7	47.1	70.7
63	30.1	25.4	38.0

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.295 ng

RT: 6.49 min Scan# 748

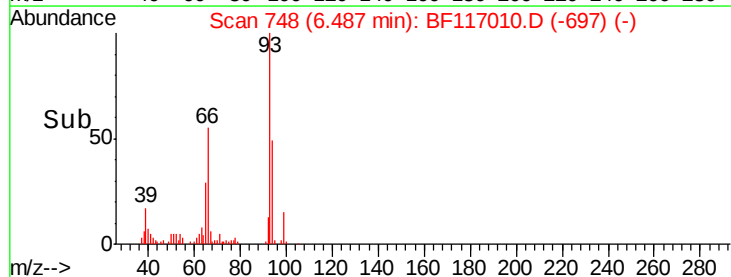
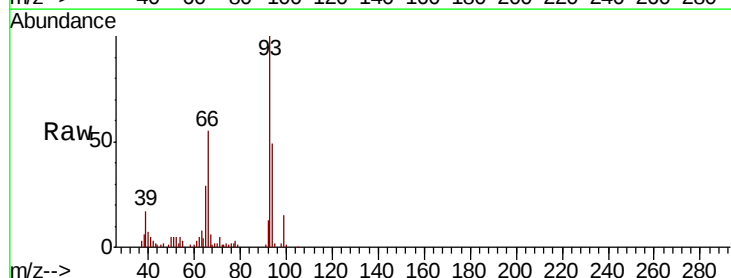
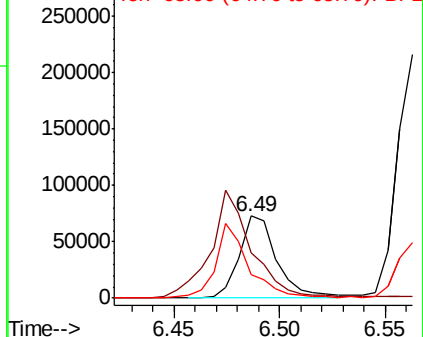
Delta R.T. -0.00 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Tgt Ion:	93	Resp:	90374
Ion Ratio	Lower	Upper	
93	100		
66	54.8	32.3	48.5#
65	28.8	16.2	24.2#

Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.653 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Instrument :

BNA_F

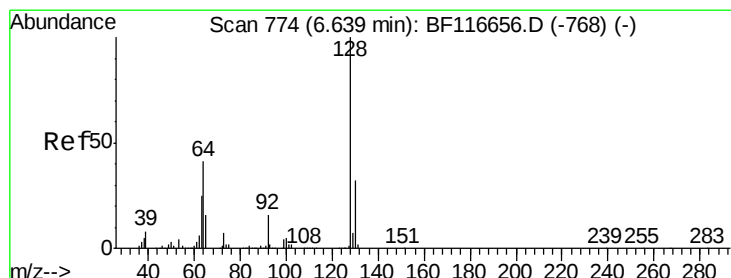
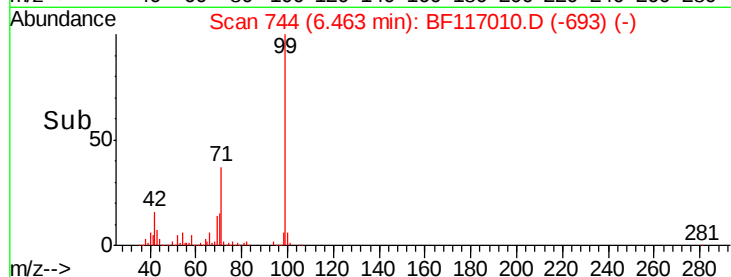
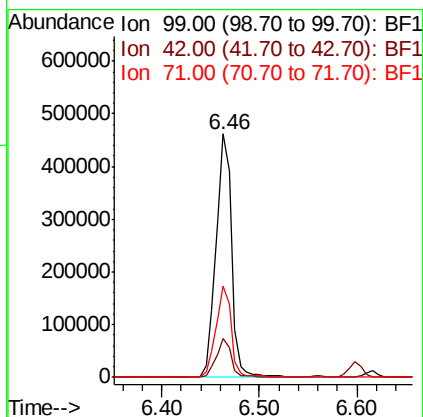
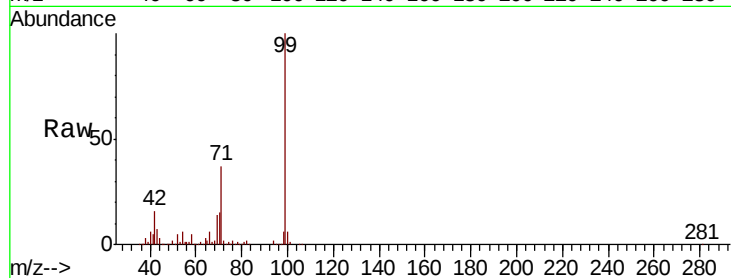
ClientSampleId :

SB-4-20-22MS

Tot Ion:	99	Resp:	518528
Ion Ratio	Lower	Upper	
99	100		
42	15.7	12.0	18.0
71	37.3	29.7	44.5

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#8

2-Chlorophenol

Concen: 41.068 ng

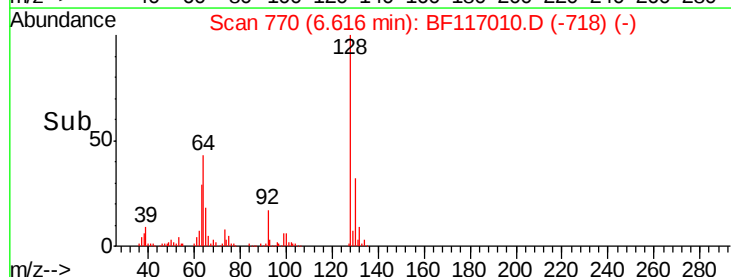
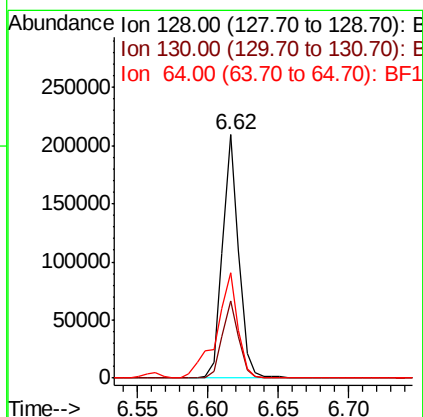
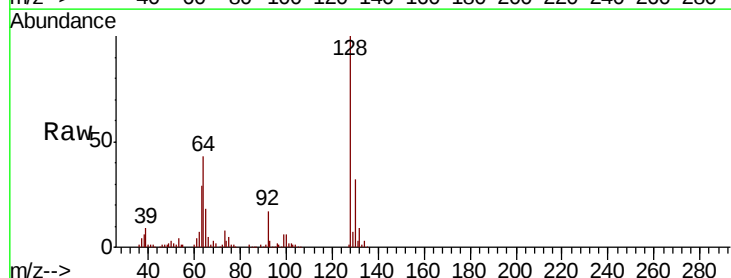
RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Tgt Ion:	128	Resp:	167563
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.4	52.4
64	43.5	26.5	66.5





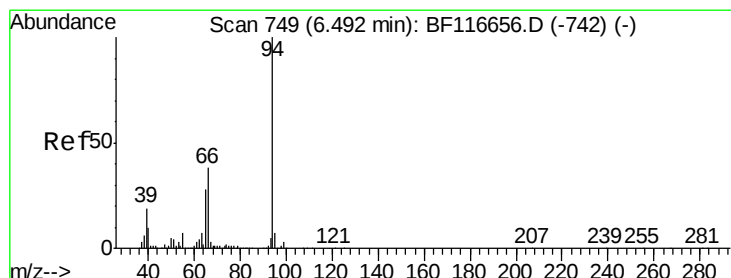
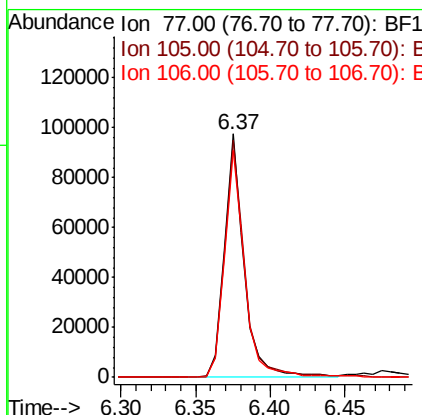
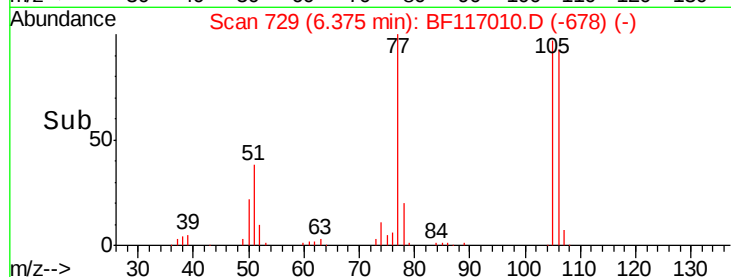
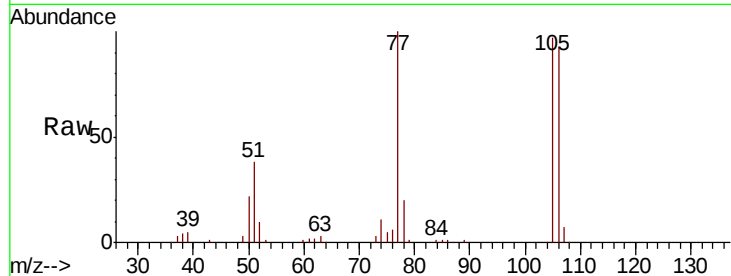
#9
Benzaldehyde
Concen: 28.316 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF117010.D
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Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	97.4	79.3	119.3		
106	93.5	75.1	115.1		

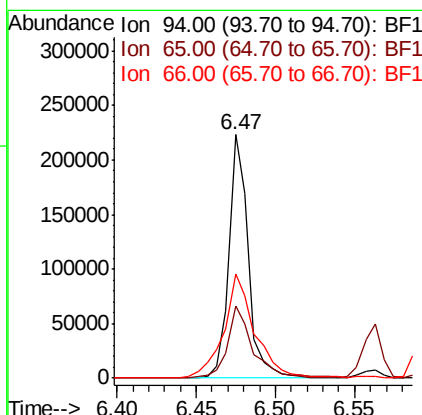
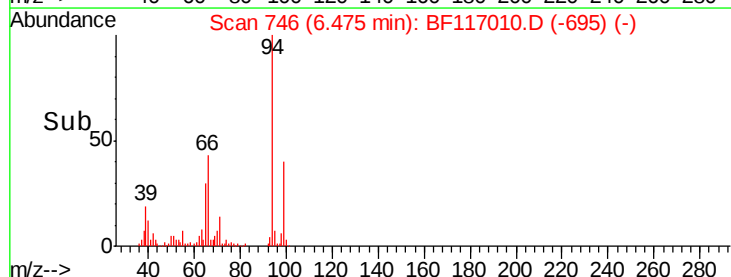
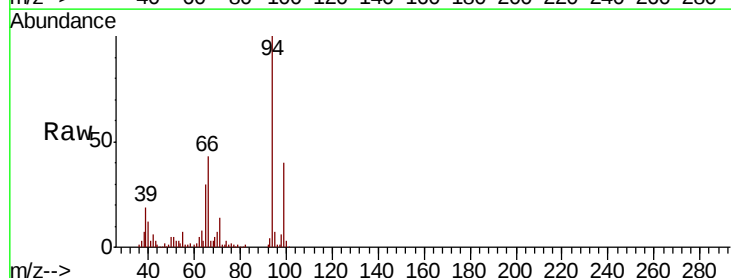
Manual Integrations
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#10
Phenol
Concen: 35.094 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.7	12.0	52.0		
66	42.7	26.5	66.5		





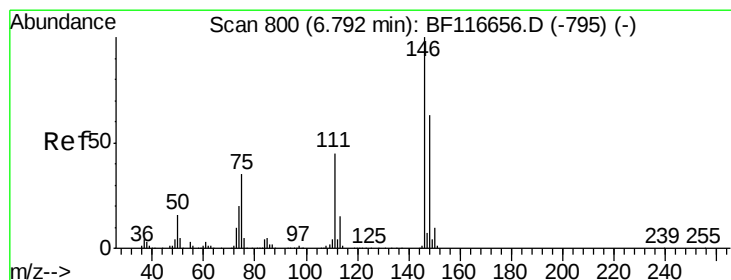
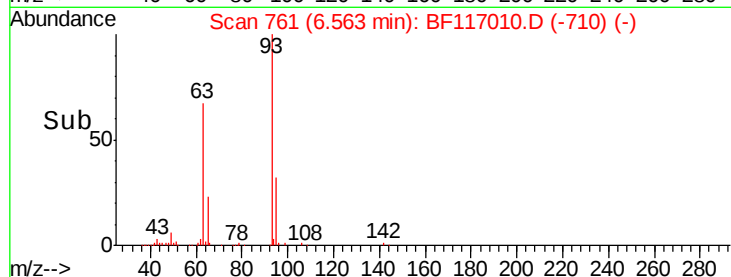
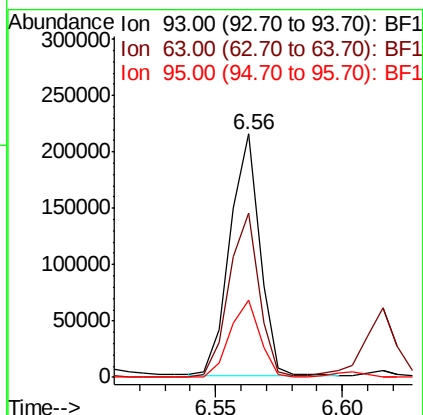
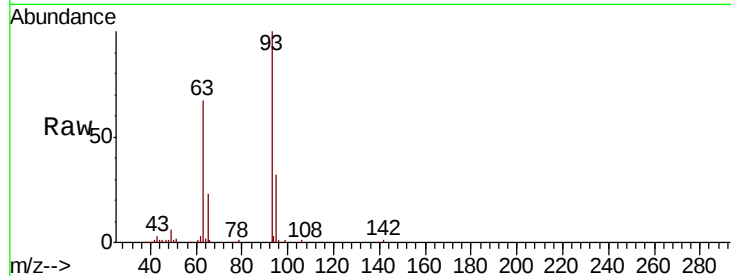
#11
bis(2-Chloroethyl)ether
Concen: 41.314 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	67.5	49.0	89.0
95	31.9	13.7	53.7

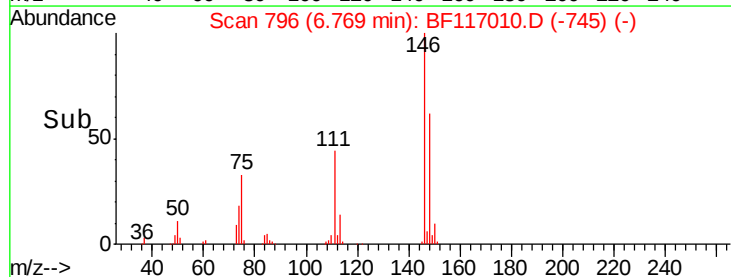
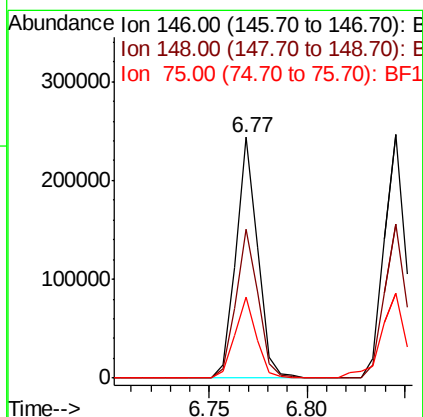
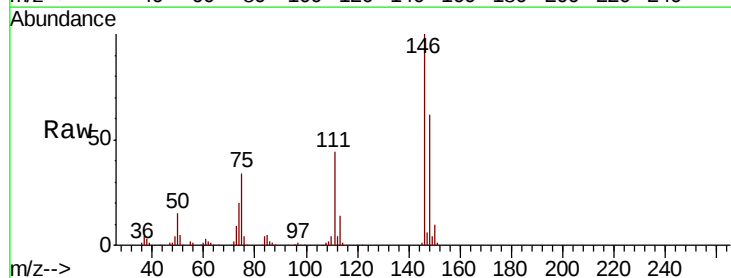
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#12
1,3-Dichlorobenzene
Concen: 40.776 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.3	76.9
75	33.6	26.6	40.0





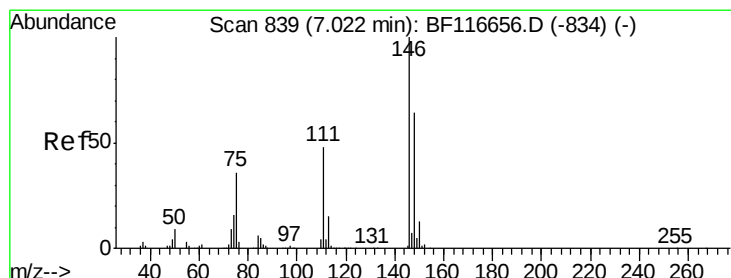
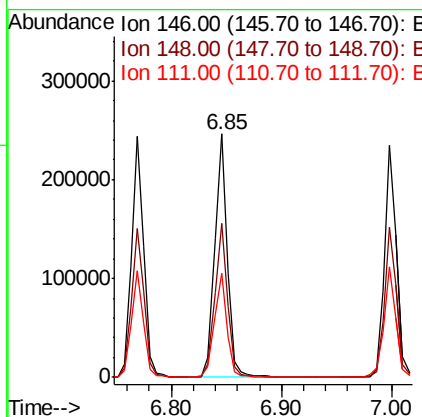
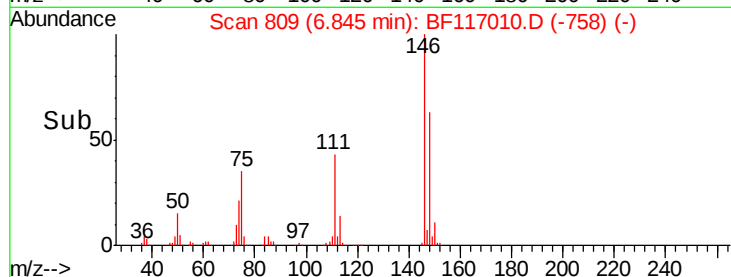
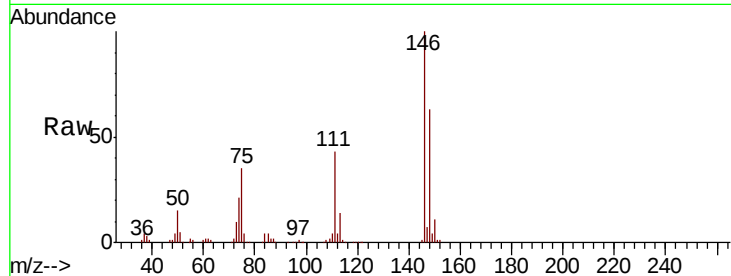
#13
 1,4-Dichlorobenzene
 Concen: 42.044 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF117010.D
 Acq: 13 Sep 2019 00:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-20-22MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.6
111	42.9	33.4	50.2

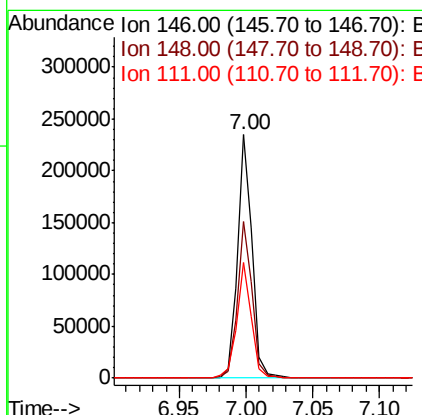
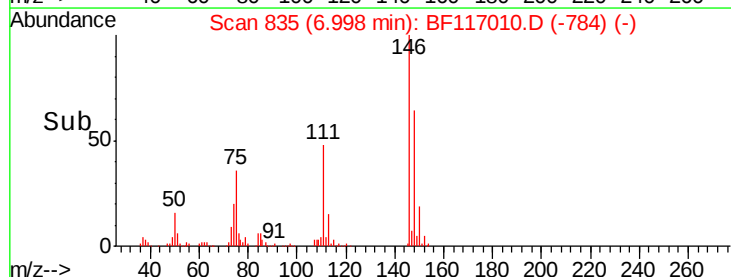
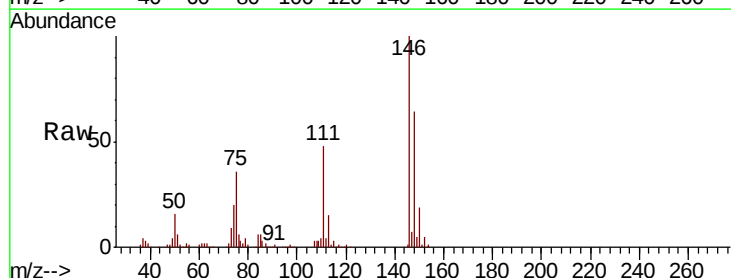
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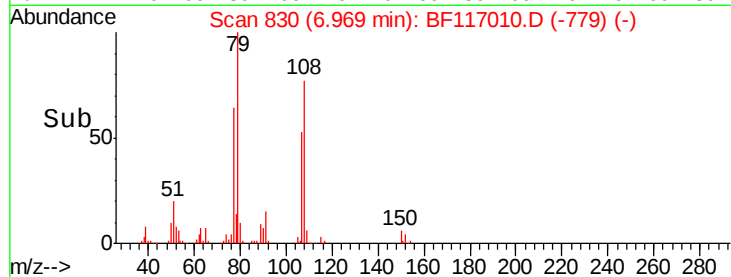
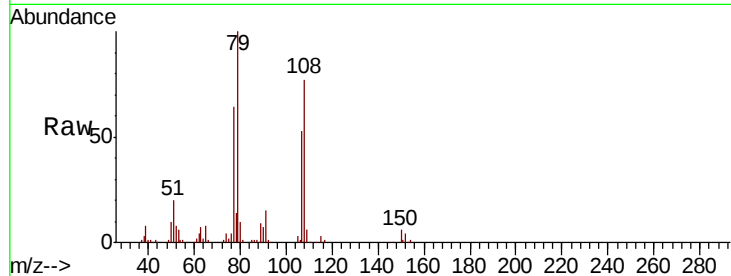
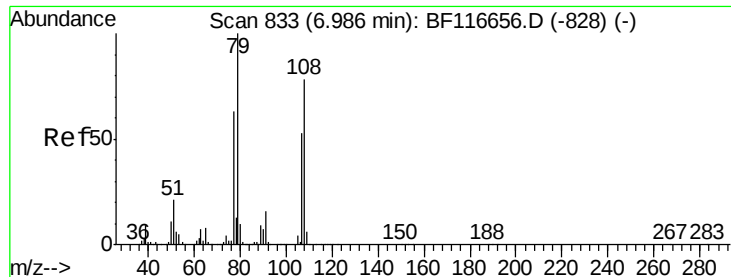
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#14
 1,2-Dichlorobenzene
 Concen: 42.206 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF117010.D
 Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.7	77.5
111	47.5	37.2	55.8





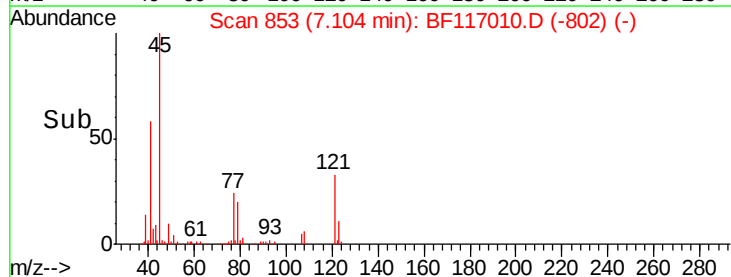
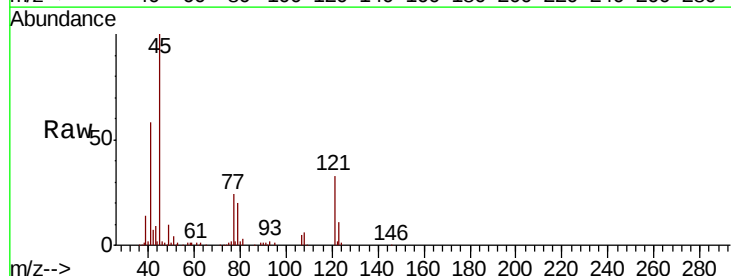
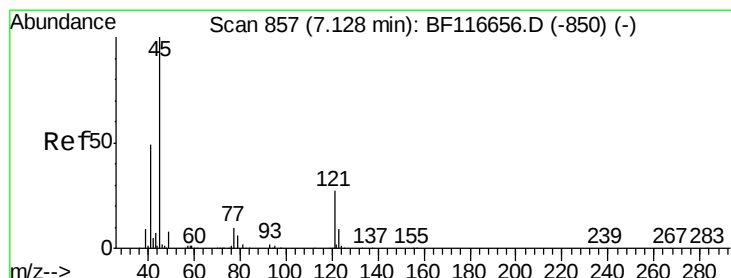
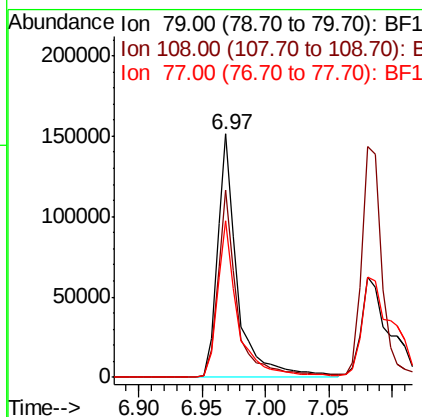
#15
Benzyl Alcohol
Concen: 42.274 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	76.8	60.2	90.4	
77	64.1	51.5	77.3	

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

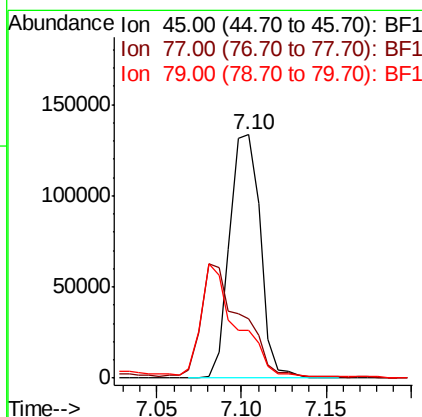
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.061 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	24.1	2.7	42.7	
79	19.5	0.0	38.5	





#17

2-Methylphenol

Concen: 38.634 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Instrument :

BNA_F

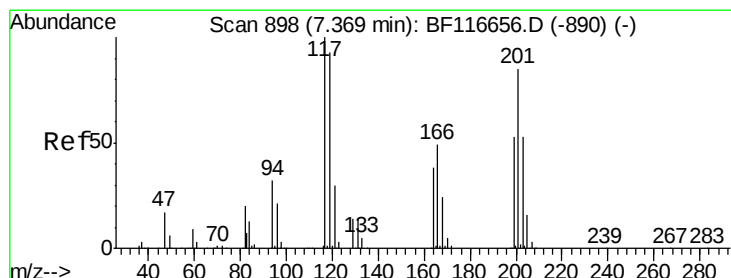
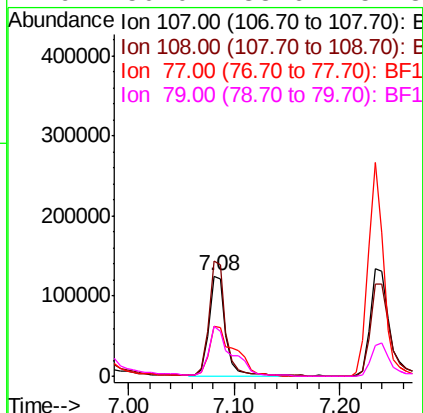
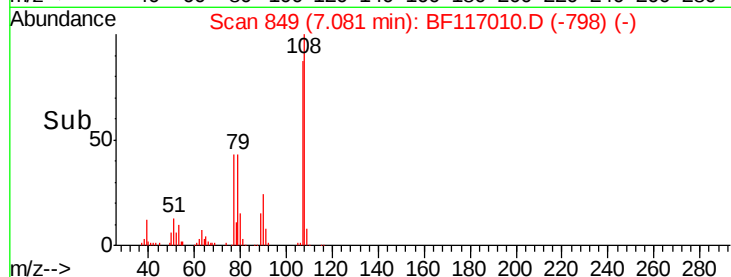
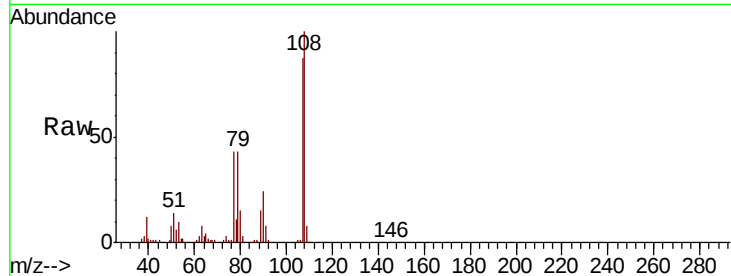
ClientSampleId :

SB-4-20-22MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.1	90.9	136.3	
77	50.1	38.6	58.0	
79	50.0	38.6	57.8	

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#18

Hexachloroethane

Concen: 36.819 ng

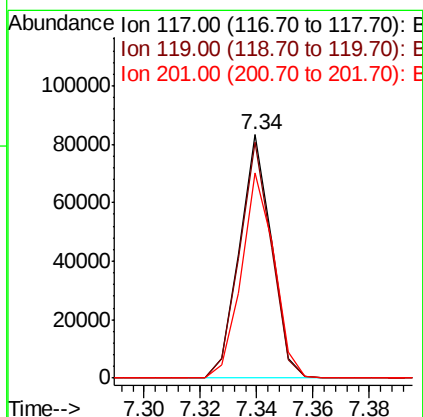
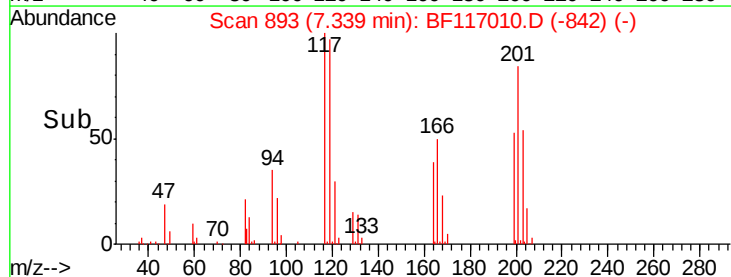
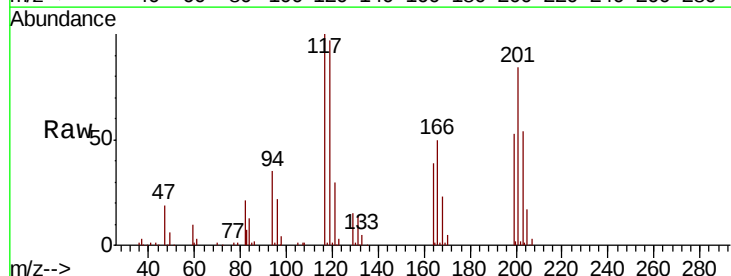
RT: 7.34 min Scan# 893

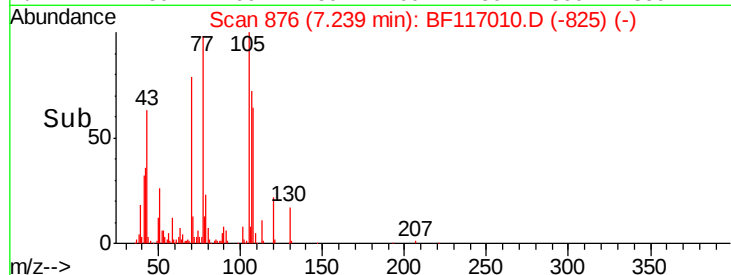
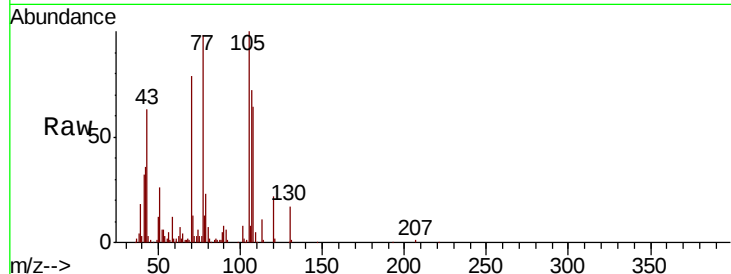
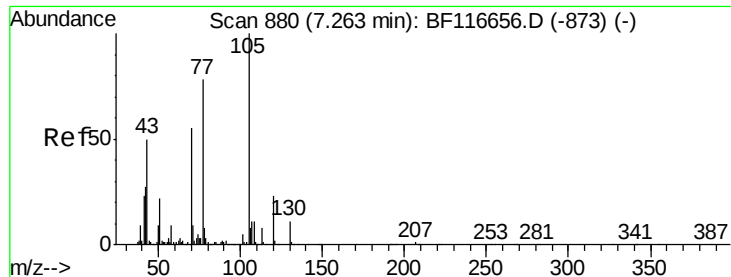
Delta R.T. -0.00 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	76.8	115.2	
201	84.1	68.2	102.2	





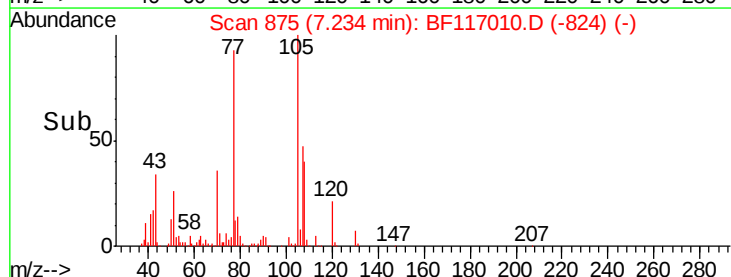
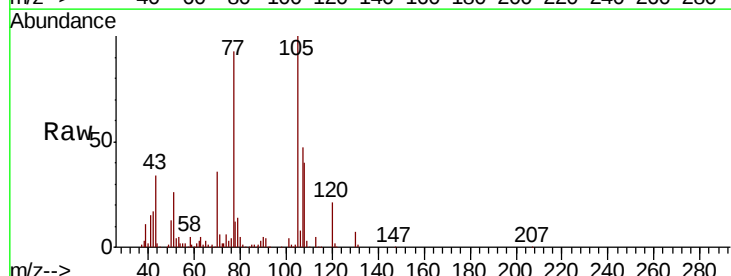
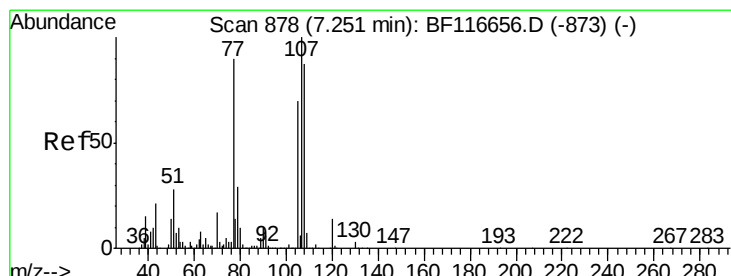
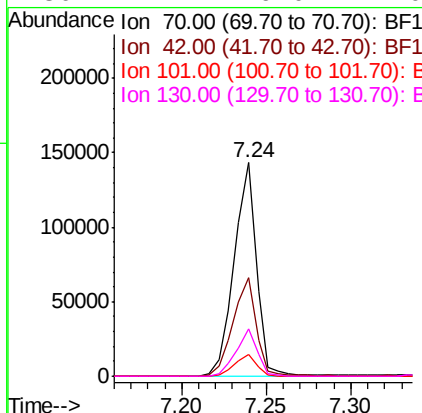
#19
n-Nitroso-di-n-propylamine
Concen: 40.916 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	46.0	37.0	55.4	
101	10.3	7.4	11.2	
130	22.1	16.0	24.0	

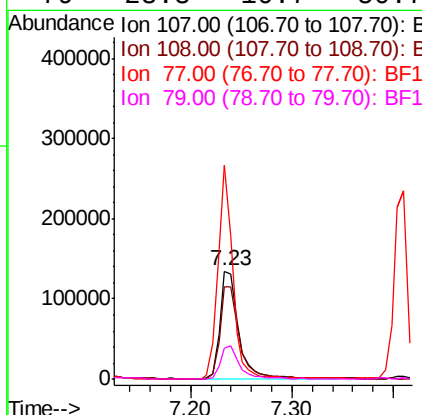
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#20
3+4-Methylphenols
Concen: 41.113 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.0	71.9	111.9	
77	198.1	112.6	152.6	
79	28.8	10.7	50.7	





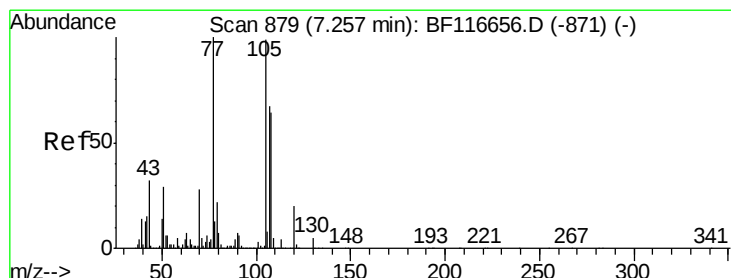
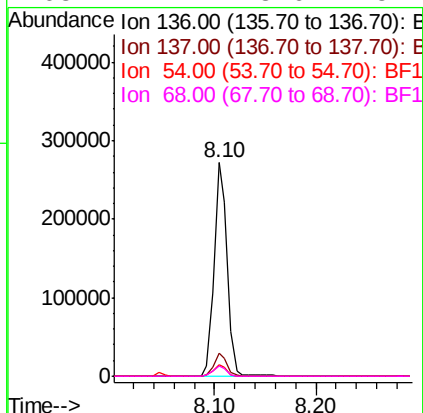
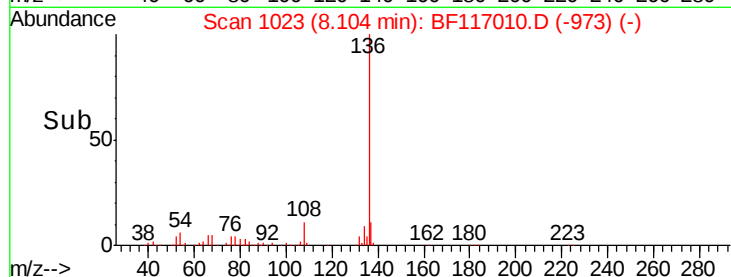
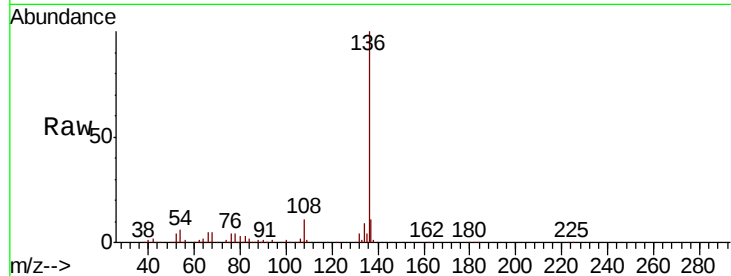
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	243880		
137	11.0		8.5	12.7
54	5.7		3.8	5.8
68	4.7		3.6	5.4

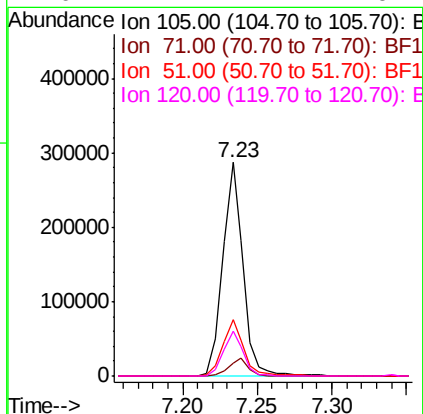
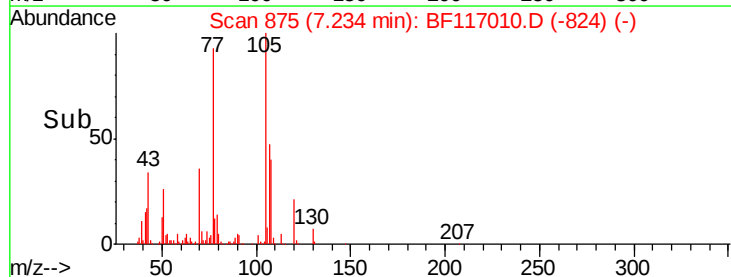
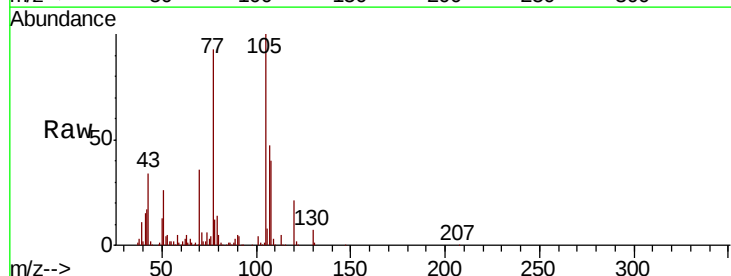
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#22
Acetophenone
Concen: 47.145 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	276809		
71	5.9		4.2	6.4
51	26.4		24.6	37.0
120	21.1		17.4	26.2





#23

Nitrobenzene-d5

Concen: 98.672 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Instrument :

BNA_F

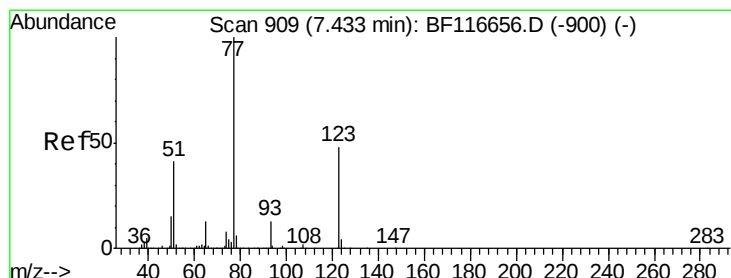
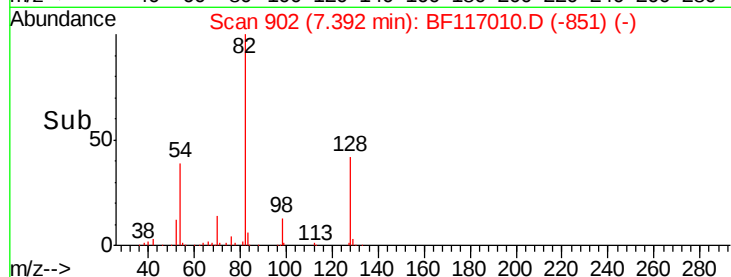
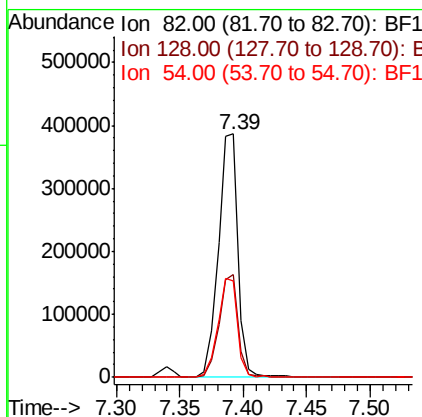
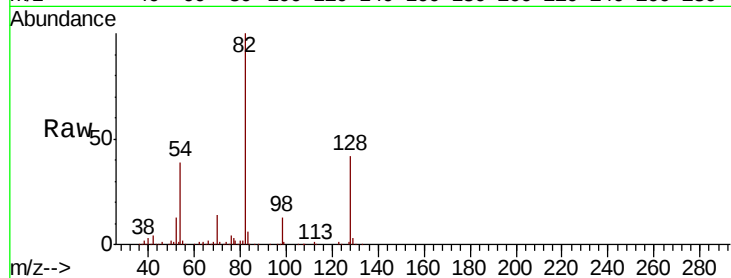
ClientSampled :

SB-4-20-22MS

Tot Ion:	82	Resp:	421531
Ion Ratio	Lower	Upper	
82	100		
128	42.4	35.0	52.4
54	39.5	32.6	48.8

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#24

Nitrobenzene

Concen: 47.890 ng

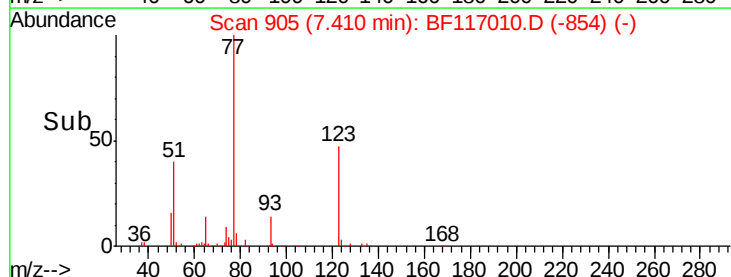
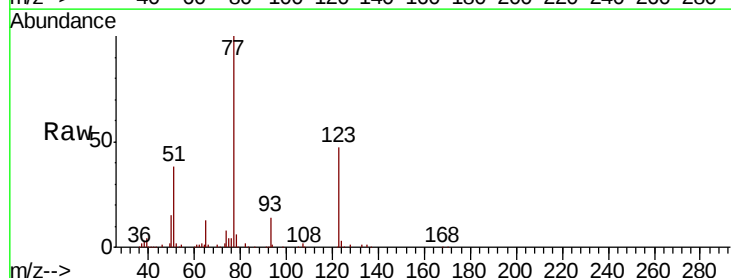
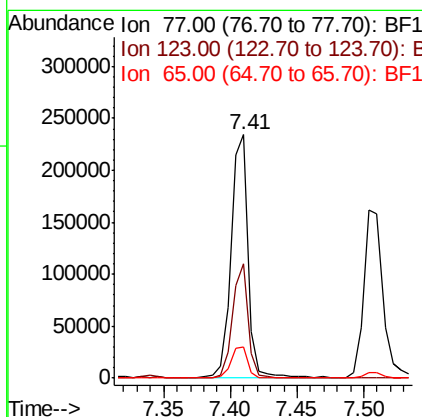
RT: 7.41 min Scan# 905

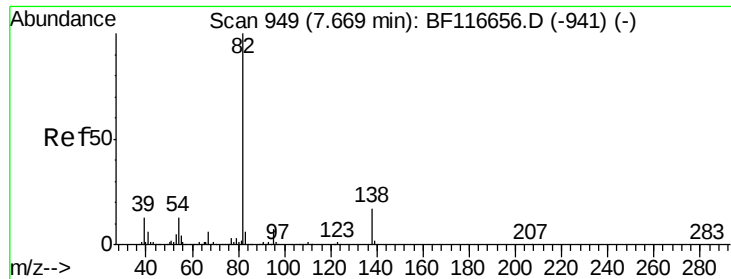
Delta R.T. -0.00 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Tgt Ion:	77	Resp:	208077
Ion Ratio	Lower	Upper	
77	100		
123	47.0	37.7	56.5
65	12.8	10.3	15.5





#25

Isophorone

Concen: 43.287 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Instrument :

BNA_F

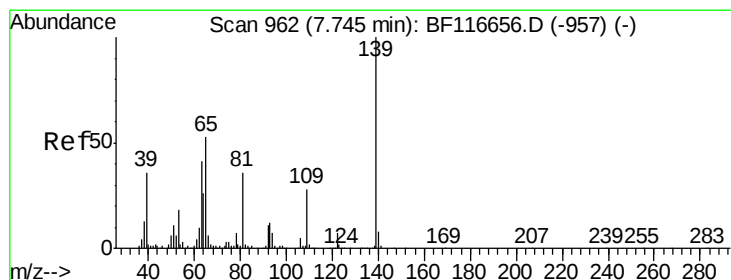
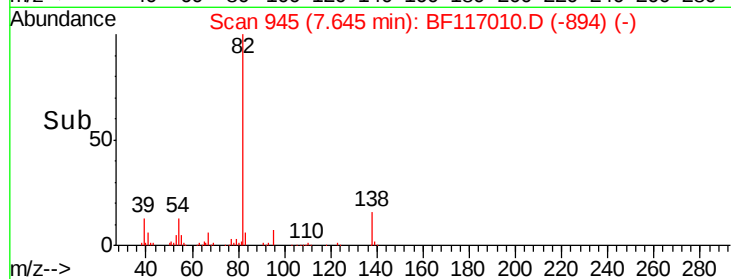
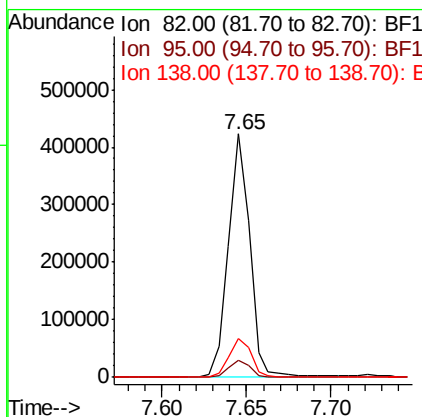
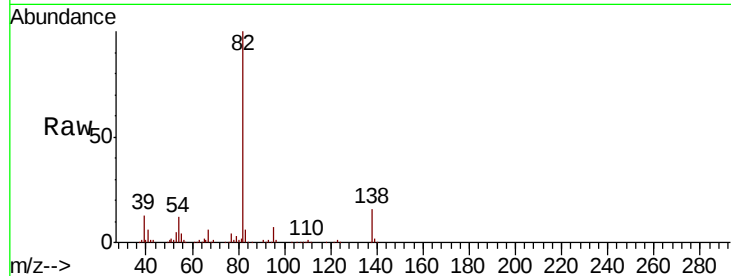
ClientSampleId :

SB-4-20-22MS

Tot Ion:	82	Resp:	374716
Ion Ratio	Lower	Upper	
82	100		
95	7.1	6.0	9.0
138	15.9	13.4	20.2

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#26

2-Nitrophenol

Concen: 50.935 ng

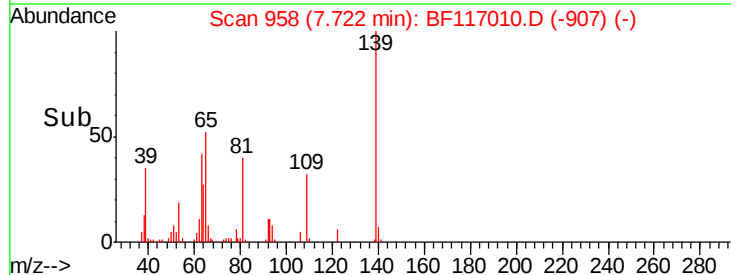
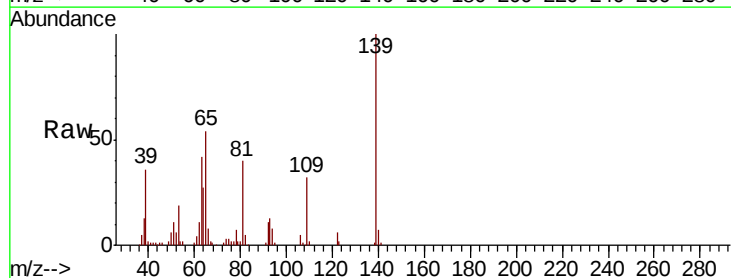
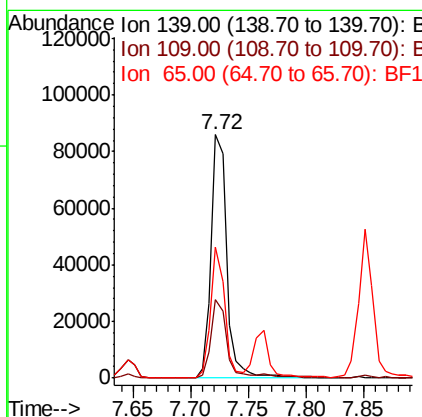
RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Tgt Ion:	139	Resp:	82278
Ion Ratio	Lower	Upper	
139	100		
109	32.2	26.2	39.4
65	53.6	42.5	63.7





#27

2,4-Dimethylphenol

Concen: 45.190 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Instrument :

BNA_F

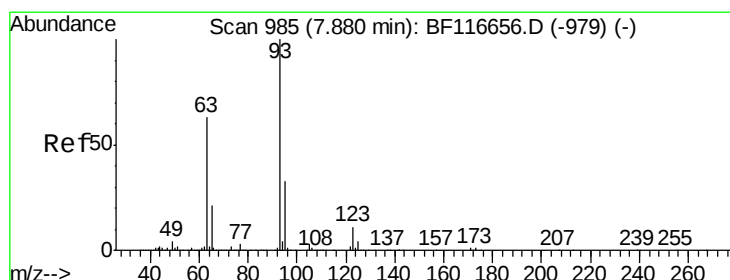
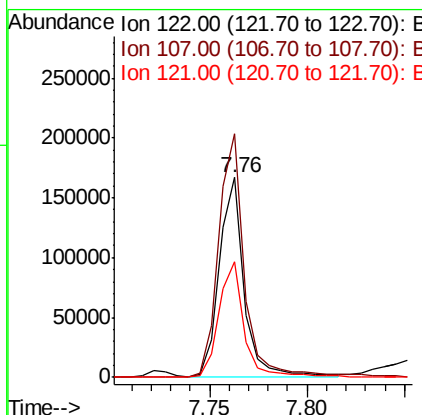
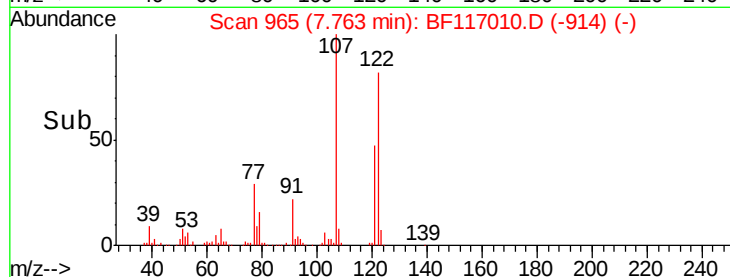
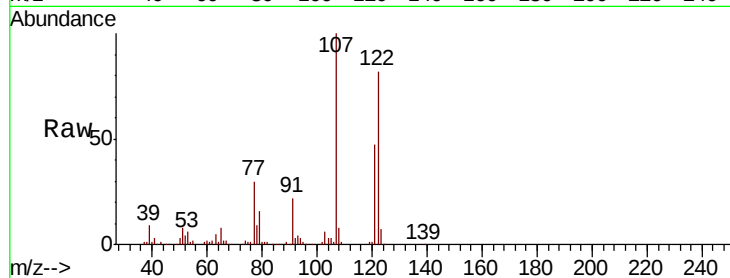
ClientSampled :

SB-4-20-22MS

Tot Ion:	122	Resp:	147425
Ion Ratio	Lower	Upper	
122	100		
107	121.7	98.8	148.2
121	57.6	44.8	67.2

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#28

bis(2-Chloroethoxy)methane

Concen: 42.937 ng

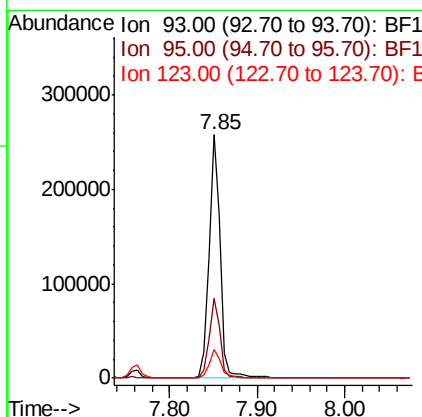
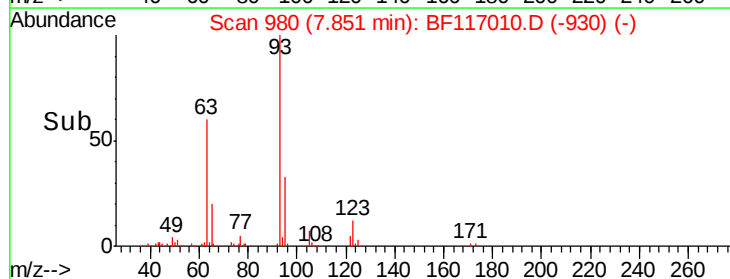
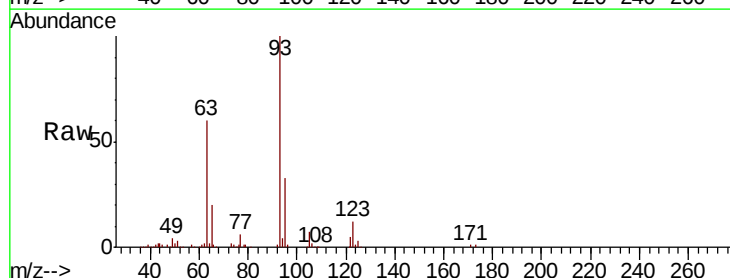
RT: 7.85 min Scan# 980

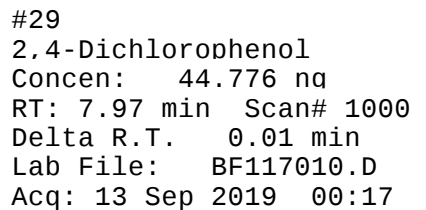
Delta R.T. -0.01 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Tgt Ion:	93	Resp:	227138
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.2	39.2
123	11.9	9.7	14.5



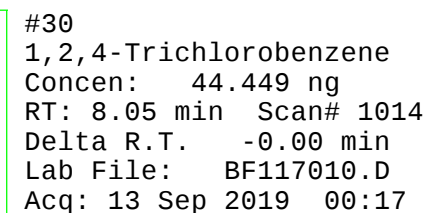
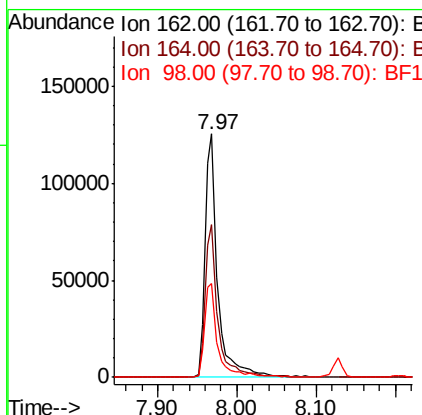


Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

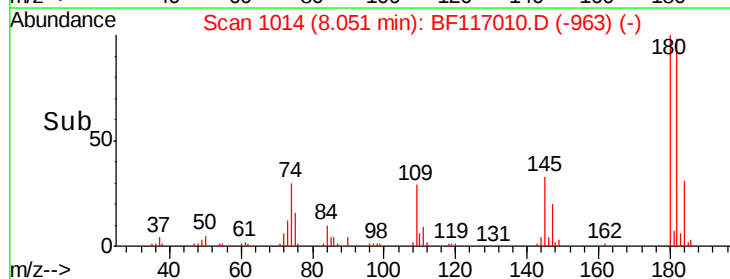
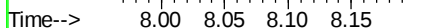
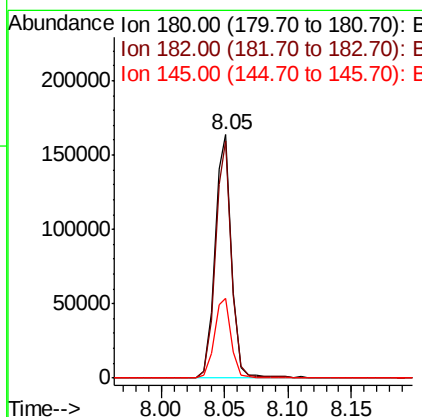
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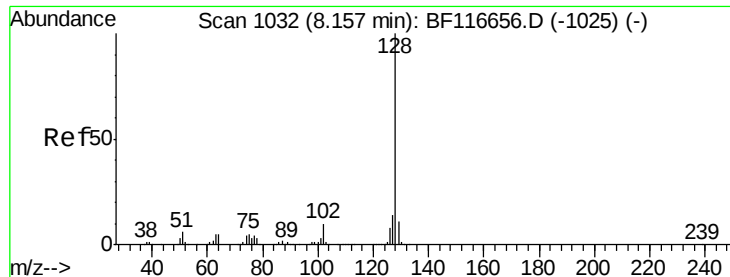
mohammad
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Tot	Ion:162	Resp:	140380
Ion	Ratio	Lower	Upper
162	100		
164	62.8	43.8	83.8
98	38.5	22.8	62.8



Tgt	Ion:180	Resp:	151152
Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.3	115.9
145	33.0	27.4	41.2





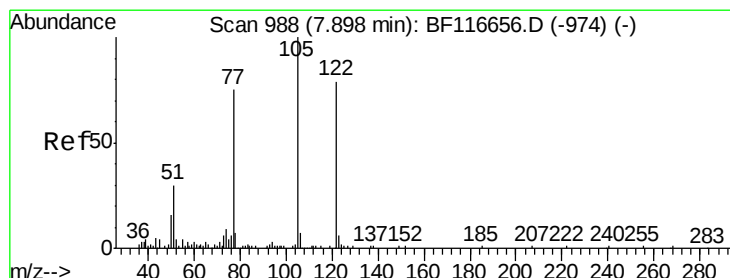
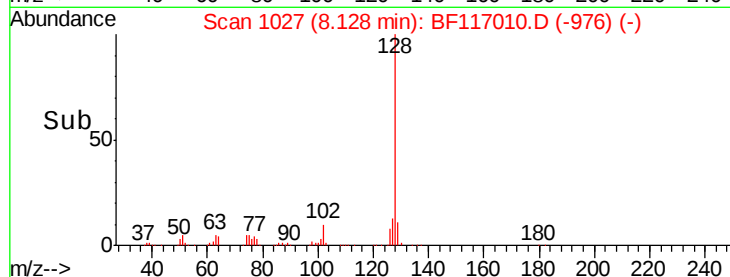
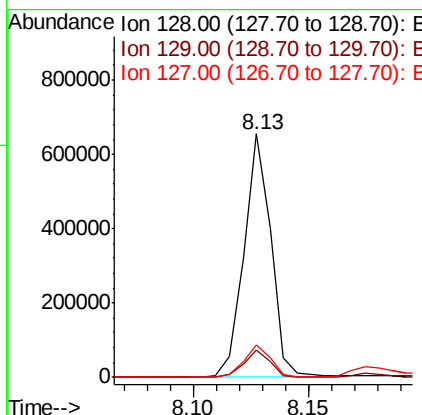
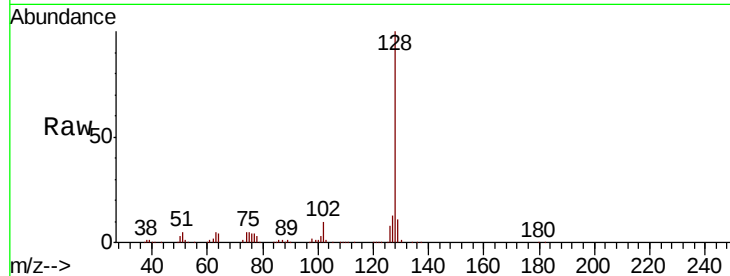
#31
Naphthalene
Concen: 46.255 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

Tot Ion:	128	Resp:	536407
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.2	13.8
127	13.4	10.6	16.0

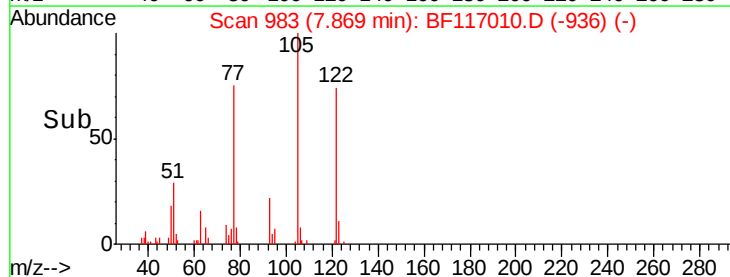
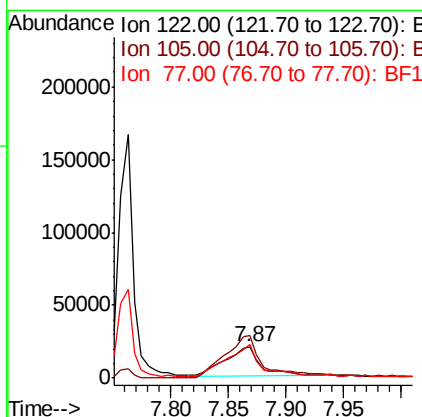
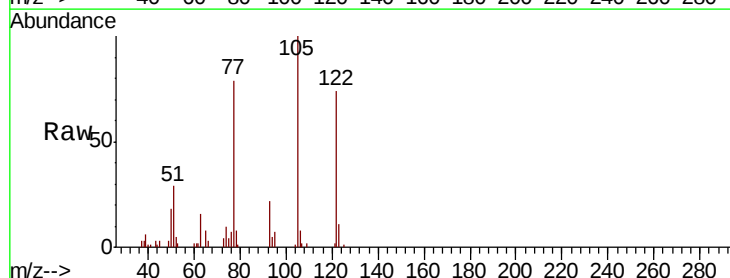
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#32
Benzoic acid
Concen: 25.026 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion:	122	Resp:	46099
Ion Ratio	Lower	Upper	
122	100		
105	134.9	105.8	145.8
77	106.6	74.3	114.3





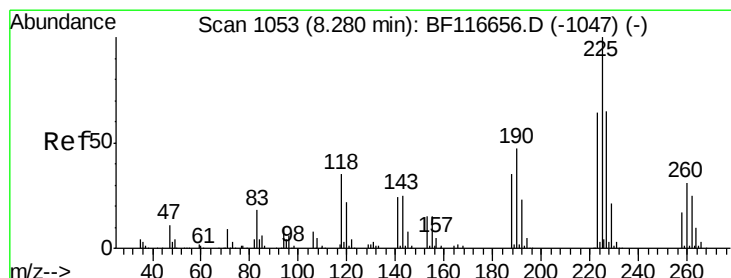
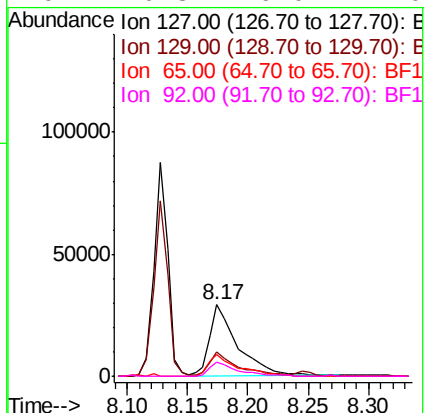
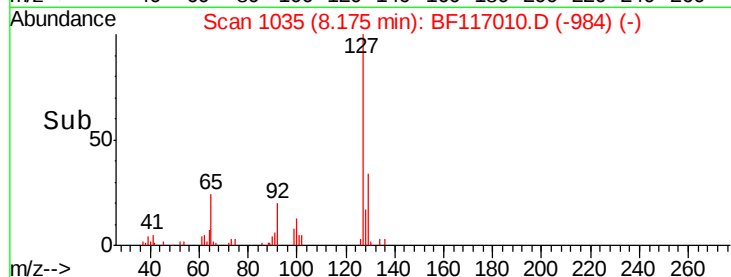
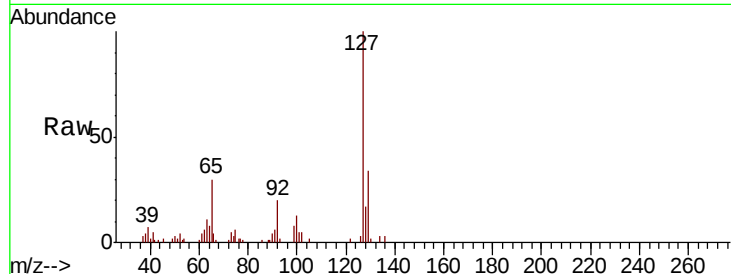
#33
4-Chloroaniline
Concen: 8.811 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Instrument :
BNA_F
ClientSampled :
SB-4-20-22MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		46510		
129	34.4	25.8	38.8		
65	30.1	25.3	37.9		
92	20.3	16.0	24.0		

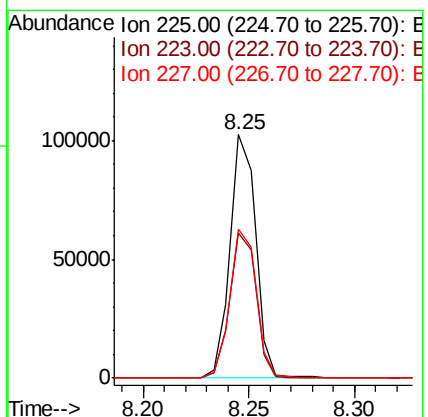
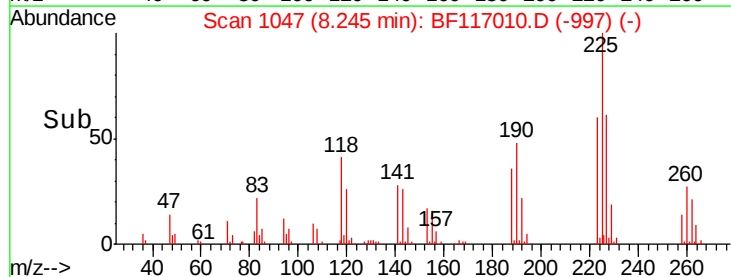
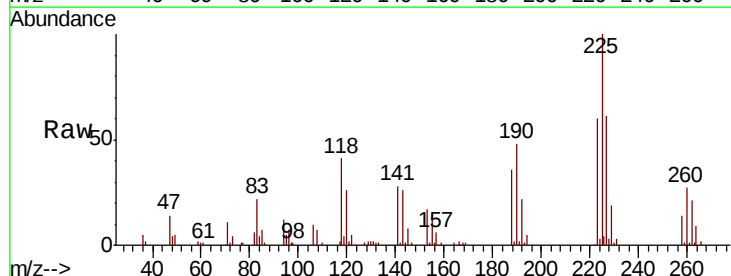
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#34
Hexachlorobutadiene
Concen: 46.456 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		86135		
223	59.5	49.8	74.6		
227	61.4	50.6	75.8		





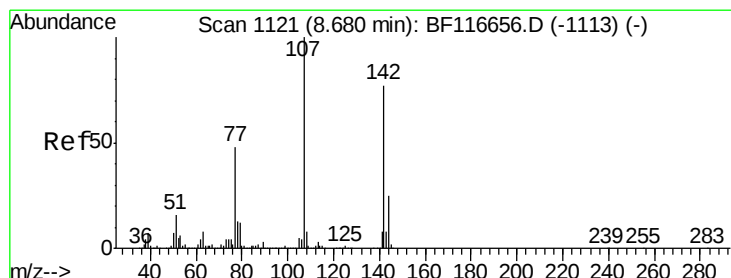
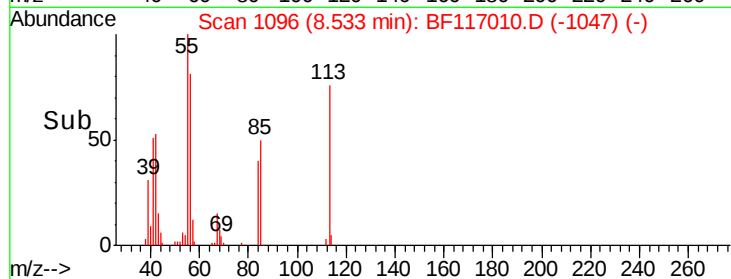
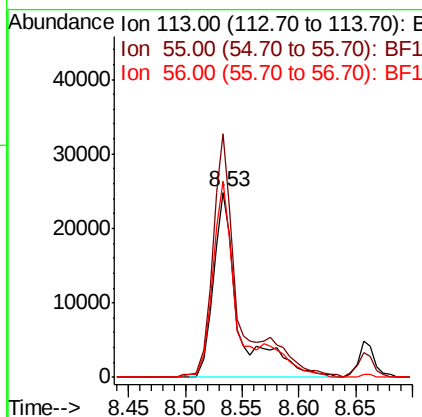
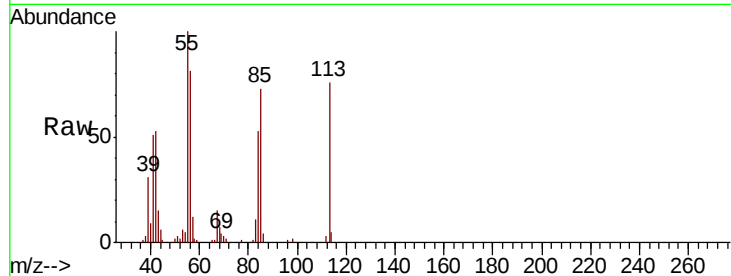
#35
 Caprolactam
 Concen: 33.650 ng/ml
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF117010.D
 Acq: 13 Sep 2019 00:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-20-22MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		39482		
55	131.8		116.6	156.6	
56	106.3		91.3	131.3	

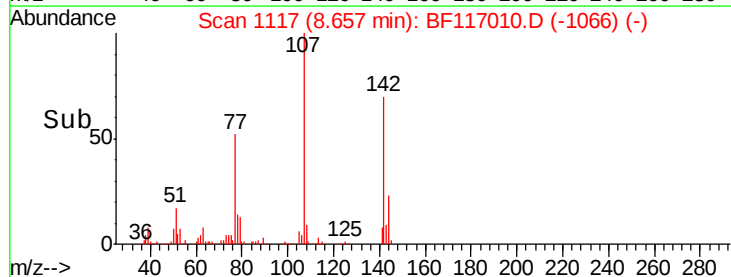
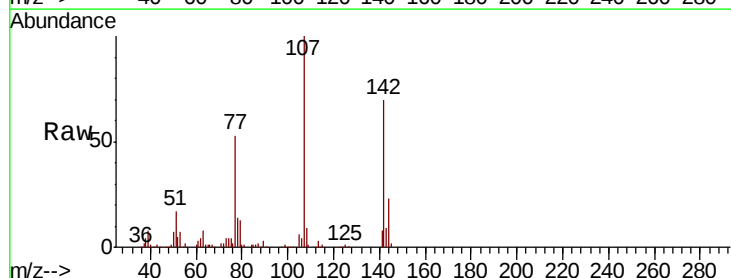
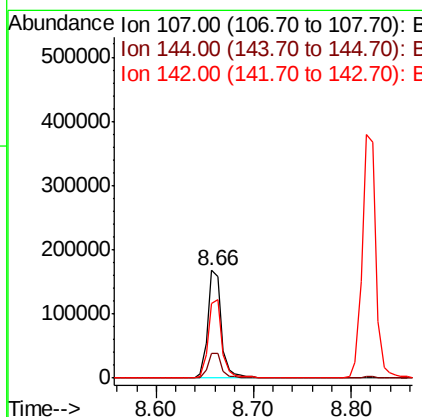
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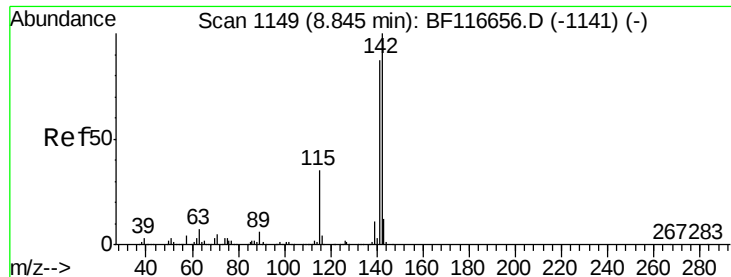
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#36
 4-Chloro-3-methylphenol
 Concen: 46.174 ng/ml
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.00 min
 Lab File: BF117010.D
 Acq: 13 Sep 2019 00:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		166381		
144	22.5		18.6	28.0	
142	69.8		55.9	83.9	





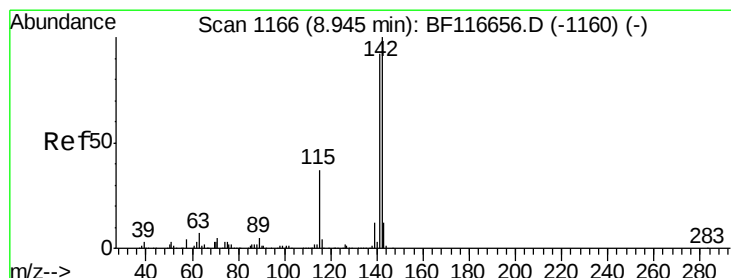
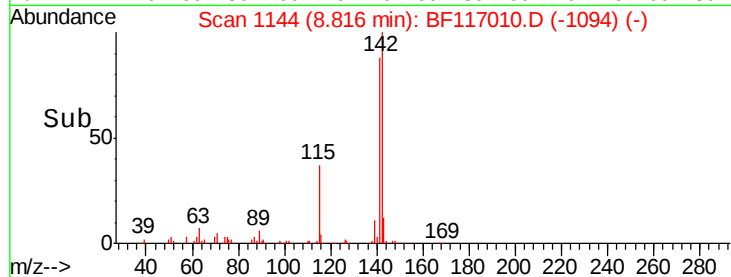
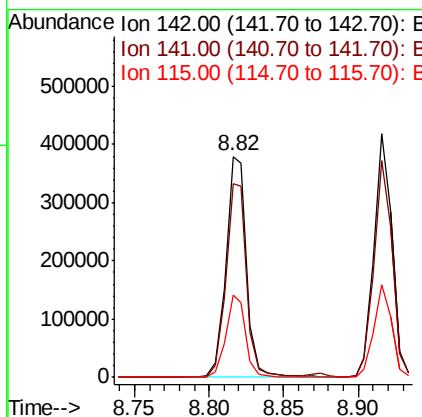
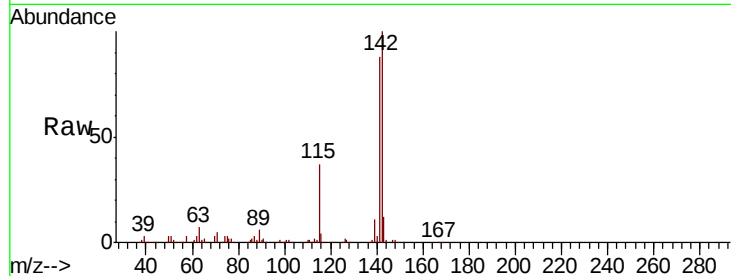
#37
2-Methylnaphthalene
Concen: 48.259 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.5	105.7
115	37.2	27.7	41.5

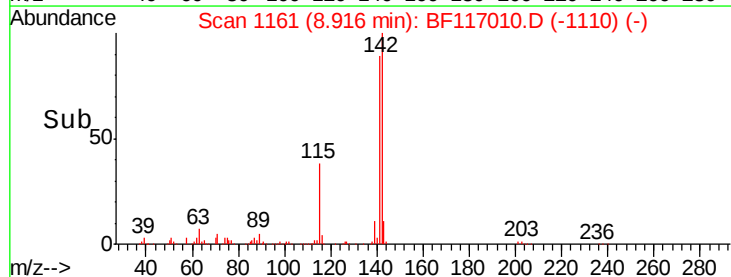
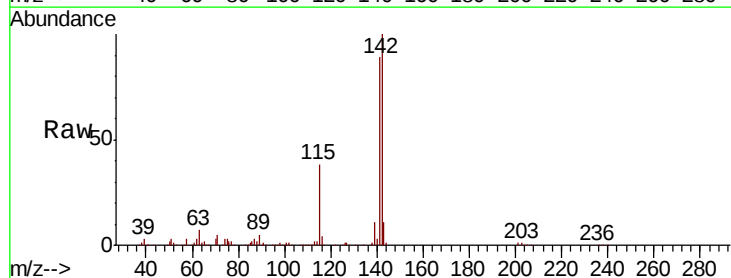
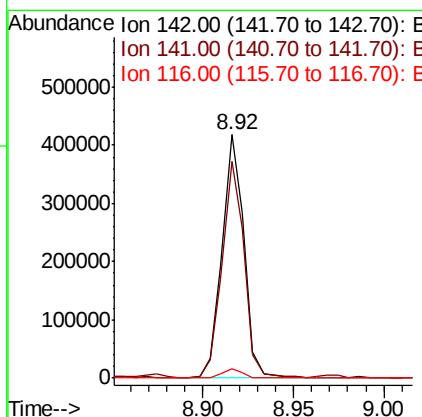
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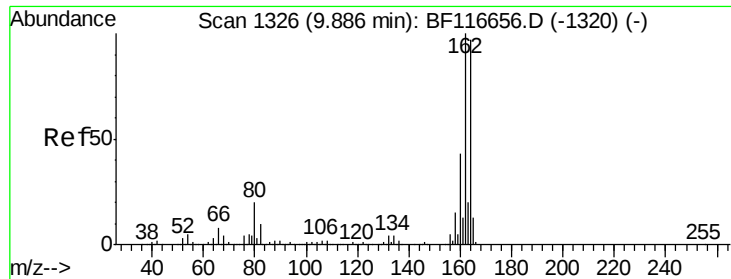
mohammad
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#38
1-Methylnaphthalene
Concen: 47.989 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.9	107.9
116	3.9	3.2	4.8





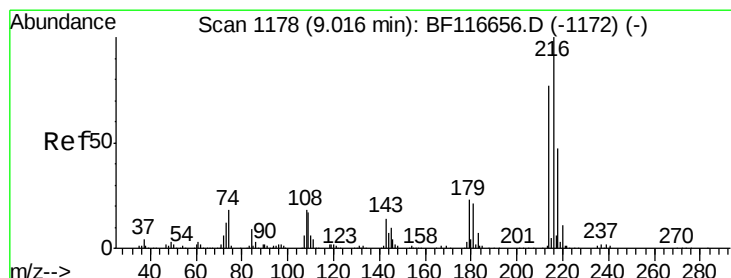
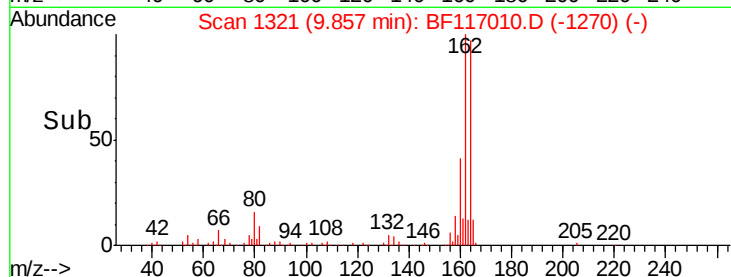
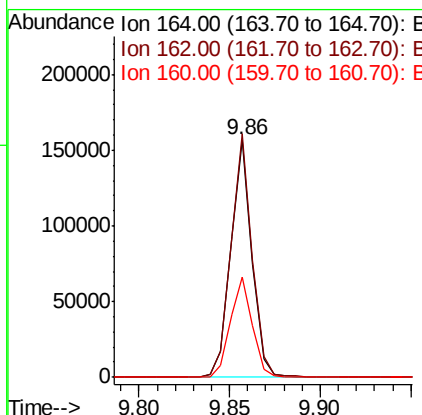
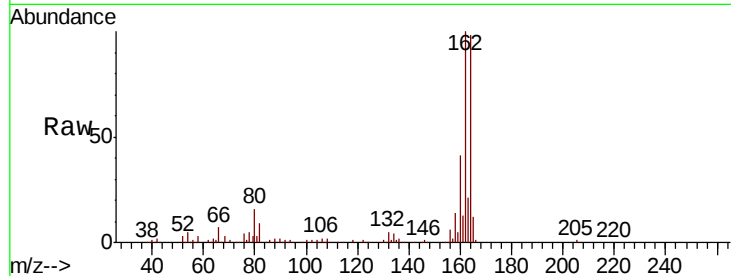
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.5	81.8	122.6	
160	42.4	35.7	53.5	

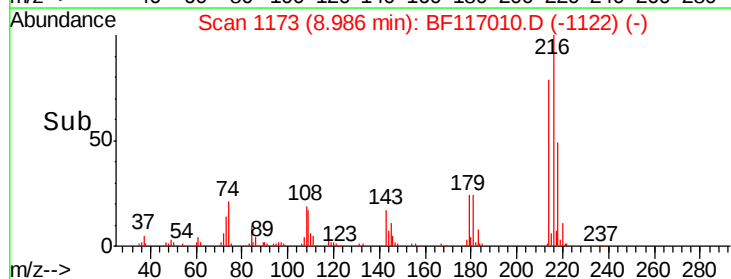
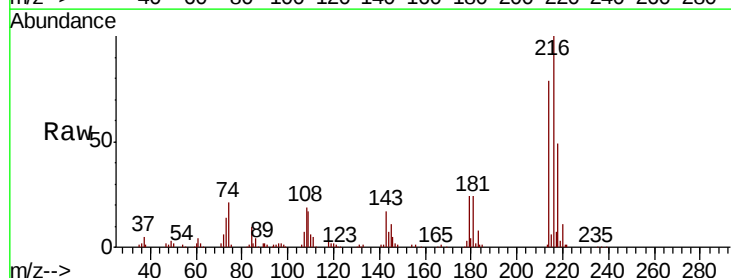
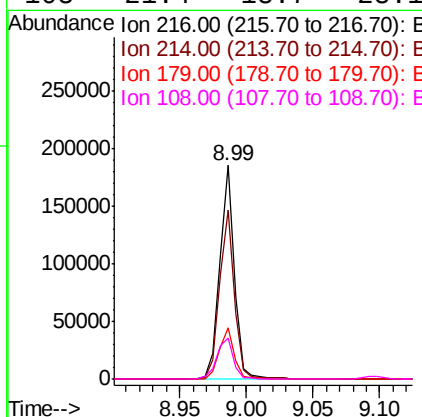
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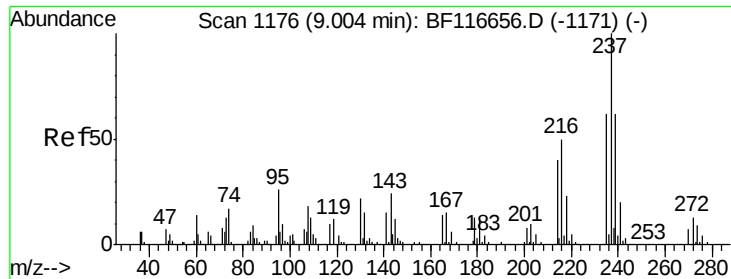
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.541 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.6	63.4	95.2	
179	24.2	19.3	28.9	
108	21.4	18.7	28.1	





#41

Hexachlorocyclopentadiene

Concen: 14.657 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Instrument :

BNA_F

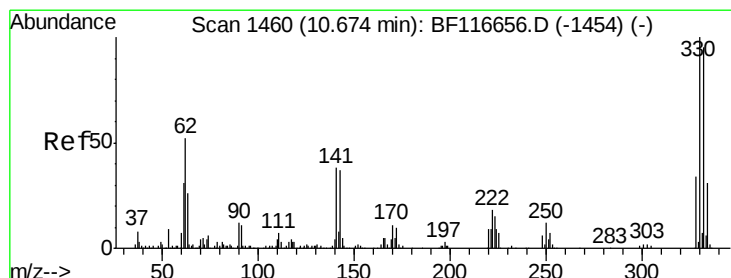
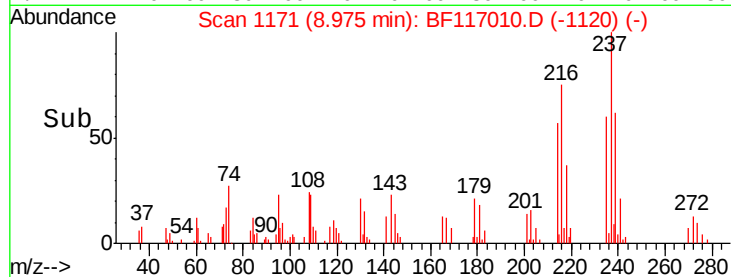
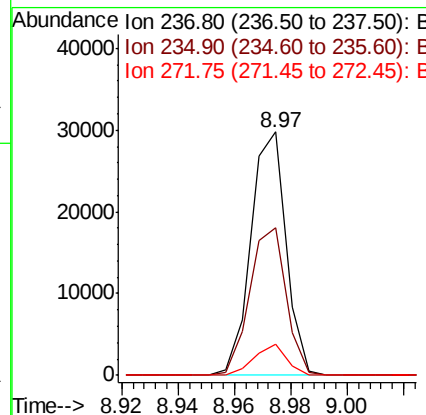
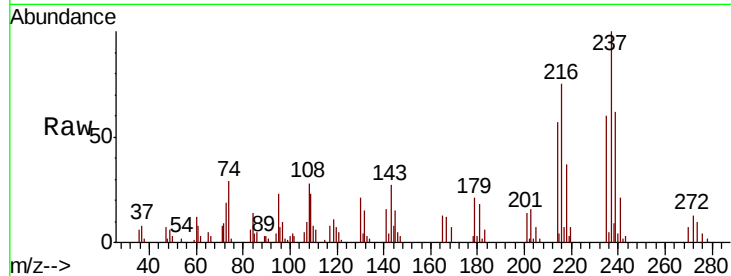
ClientSampleId :

SB-4-20-22MS

Tot Ion:	237	Resp:	25717
Ion Ratio	Lower	Upper	
237	100		
235	60.4	45.8	85.8
272	12.8	0.0	33.4

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#42

2,4,6-Tribromophenol

Concen: 157.388 ng

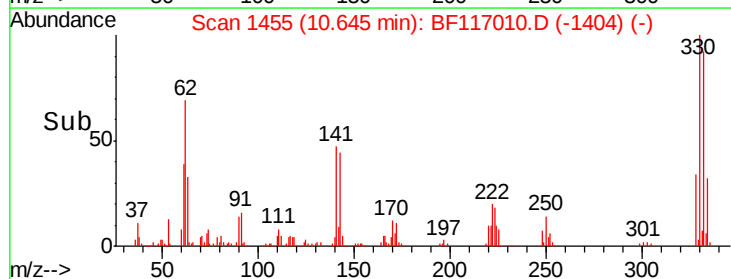
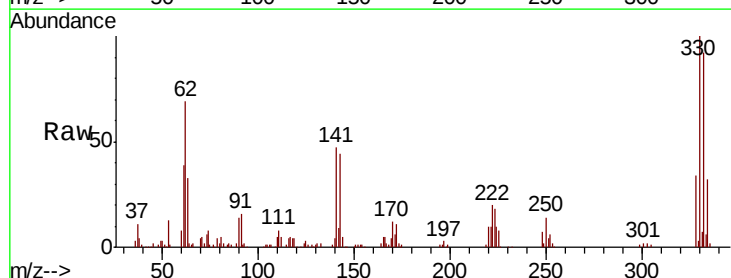
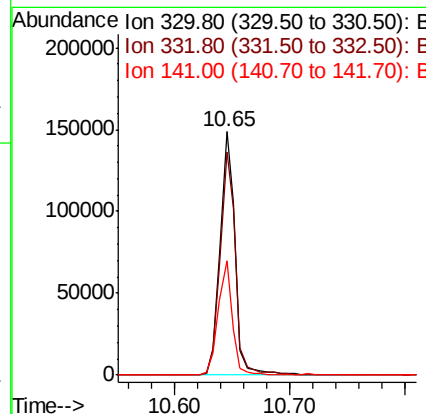
RT: 10.65 min Scan# 1455

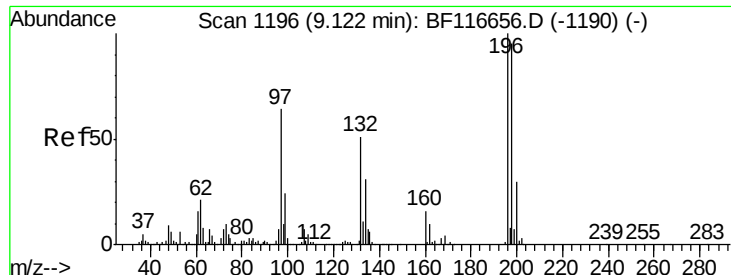
Delta R.T. -0.00 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Tgt Ion:	330	Resp:	133364
Ion Ratio	Lower	Upper	
330	100		
332	94.0	75.9	113.9
141	44.5	35.6	53.4





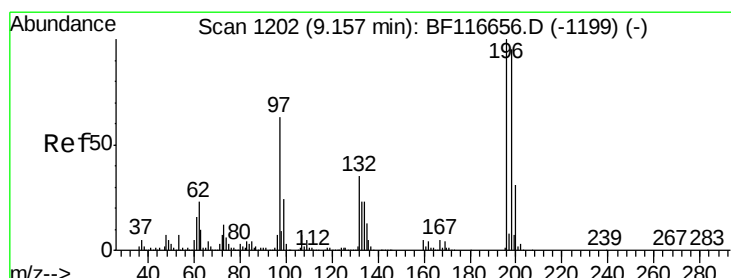
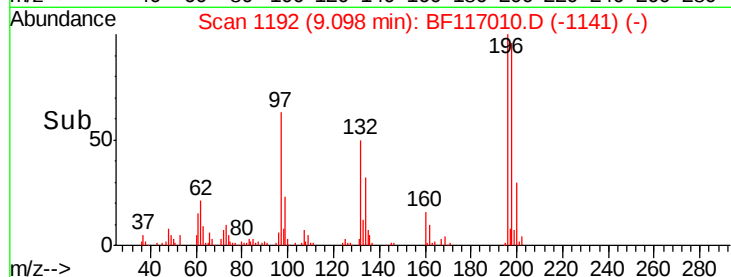
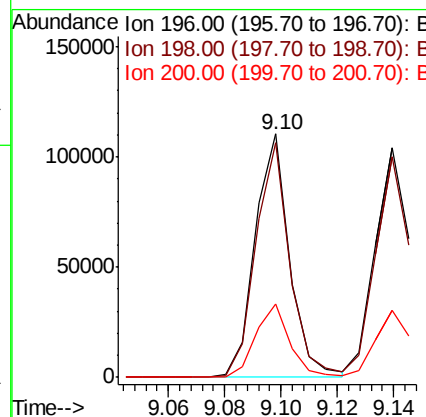
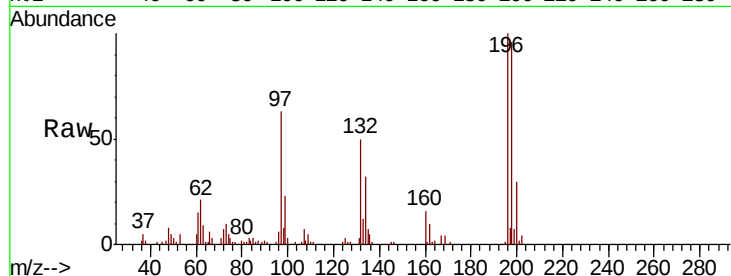
#43
 2,4,6-Trichlorophenol
 Concen: 44.791 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF117010.D
 Acq: 13 Sep 2019 00:17

Instrument :
 BNA_F
 ClientSampled :
 SB-4-20-22MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	93292		
198	96.5		77.4	116.0
200	30.3		24.1	36.1

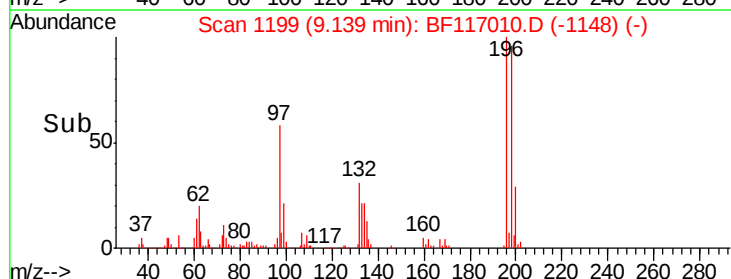
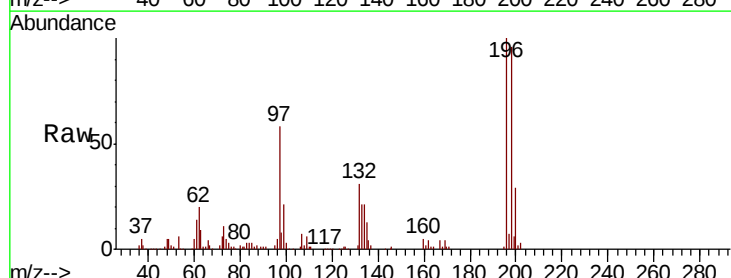
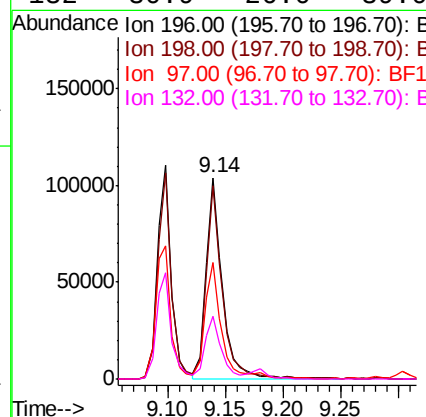
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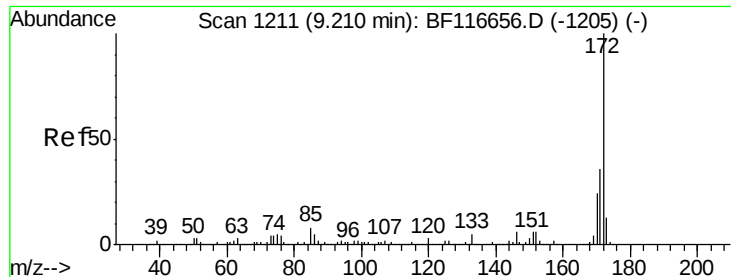
mohammad
 9/16/2019 9:00:01 AM



#44
 2,4,5-Trichlorophenol
 Concen: 48.372 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF117010.D
 Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	104597		
198	96.2		74.7	112.1
97	57.9		45.4	68.0
132	30.9		26.0	39.0





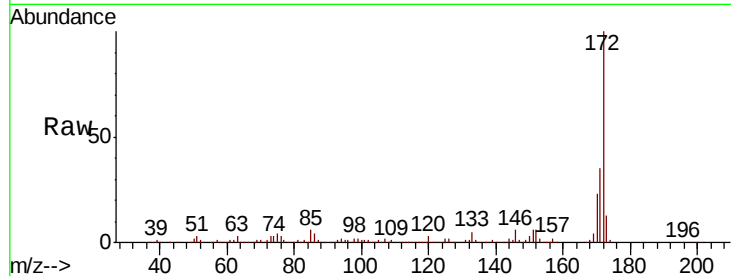
#45
2-Fluorobiphenyl
Concen: 99.466 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.1	43.7
170	23.1	19.2	28.8

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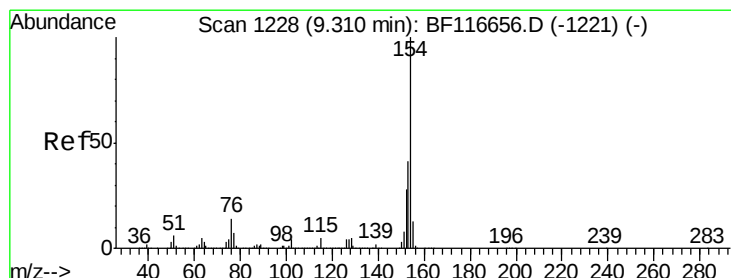
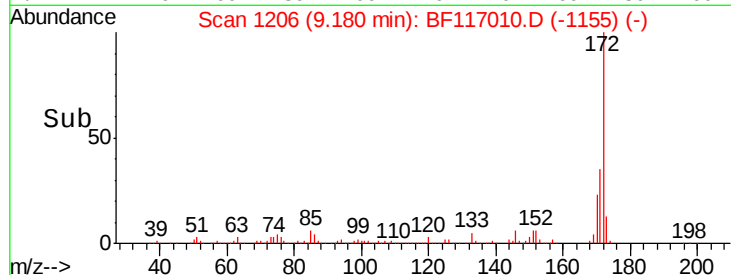
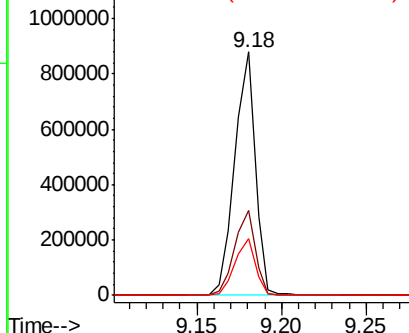


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.964 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

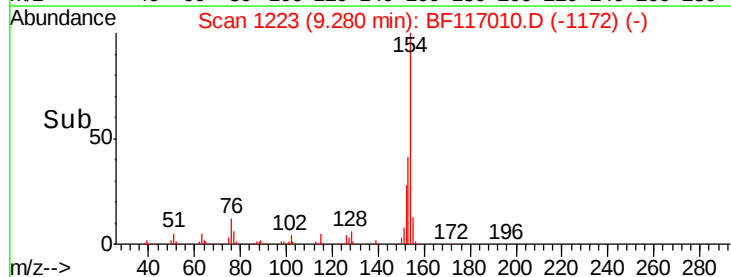
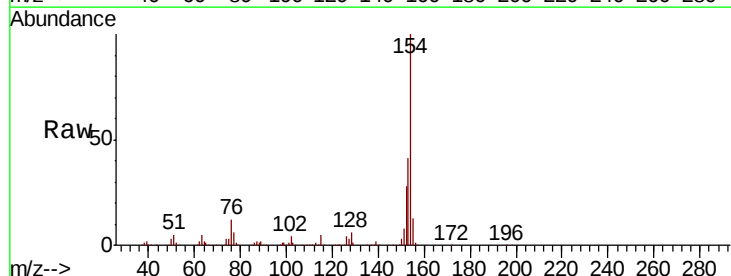
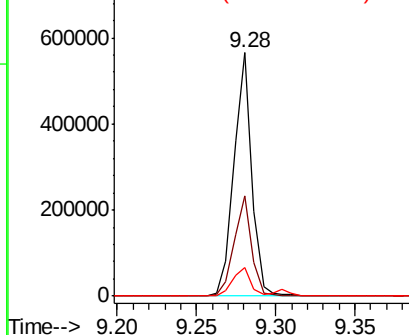
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	19.8	59.8
76	11.9	0.0	32.8

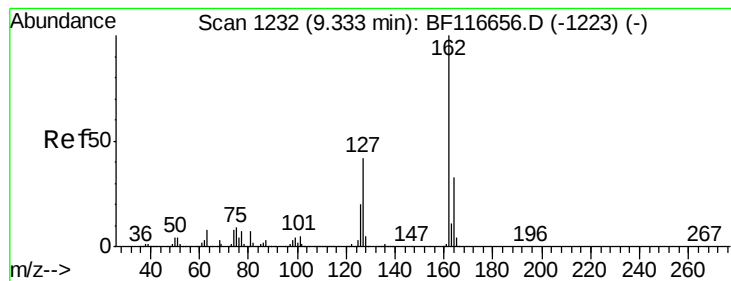
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 46.058 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Instrument :

BNA_F

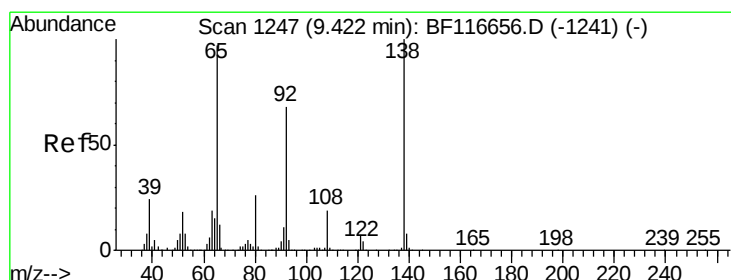
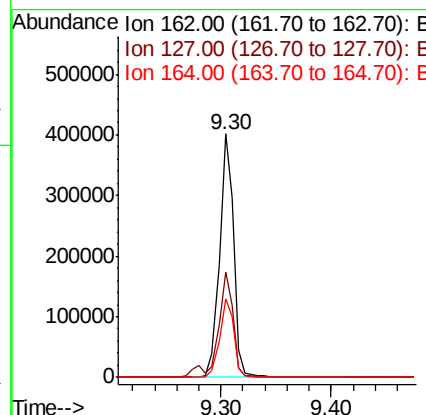
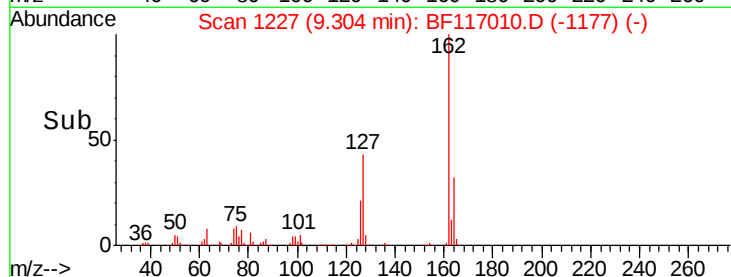
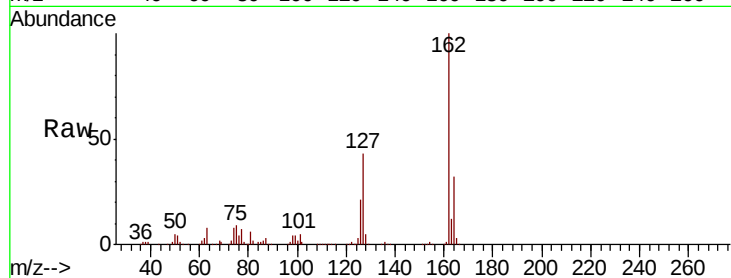
ClientSampled :

SB-4-20-22MS

Tot Ion:	162	Resp:	350864
Ion Ratio	Lower	Upper	
162	100		
127	43.1	32.7	49.1
164	32.4	27.0	40.4

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#48

2-Nitroaniline

Concen: 51.889 ng

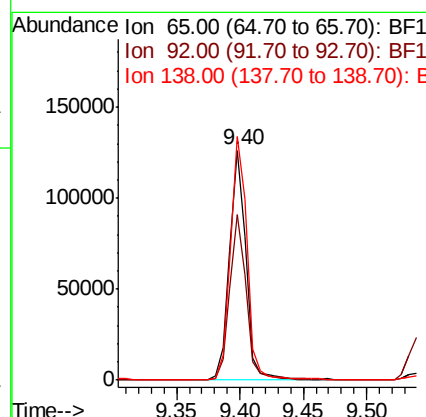
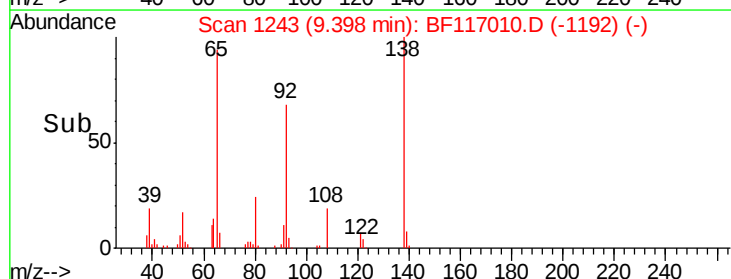
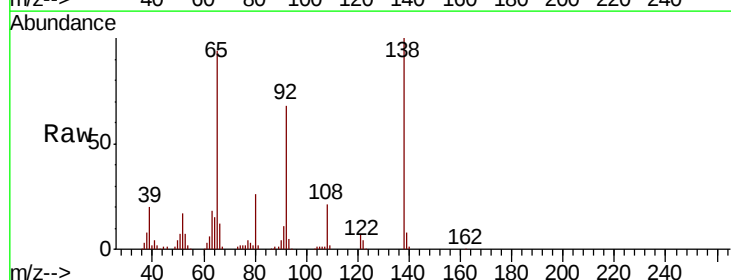
RT: 9.40 min Scan# 1243

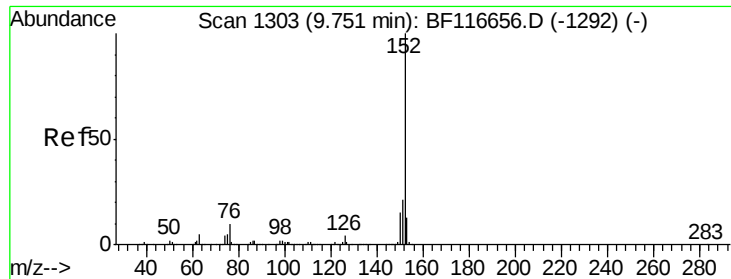
Delta R.T. -0.00 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Tgt Ion:	65	Resp:	114277
Ion Ratio	Lower	Upper	
65	100		
92	72.0	59.0	88.6
138	106.0	84.2	126.2





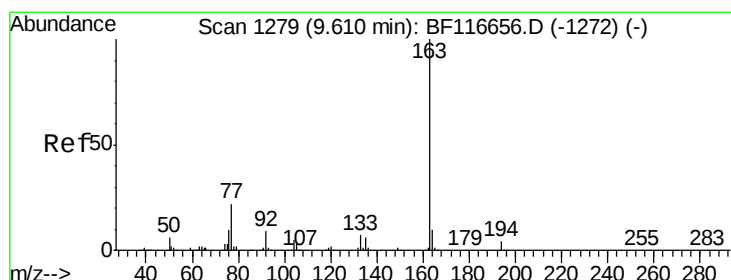
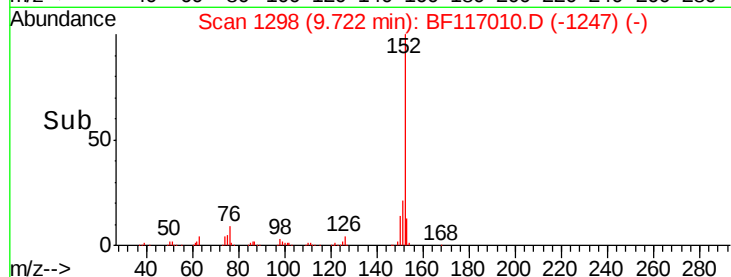
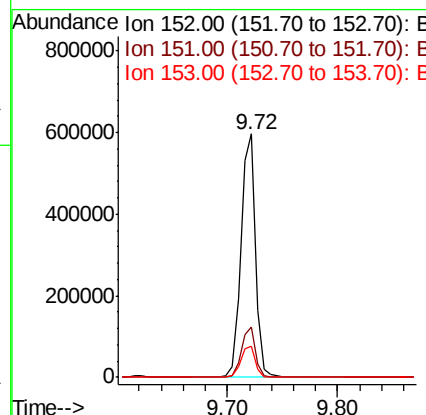
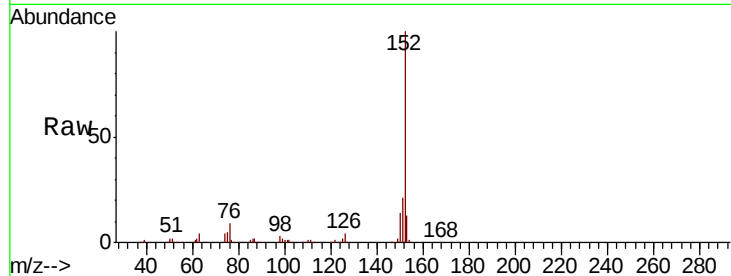
#49
Acenaphthylene
Concen: 47.660 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

Tot Ion:	152	Resp:	548819
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.1	24.1
153	12.8	10.3	15.5

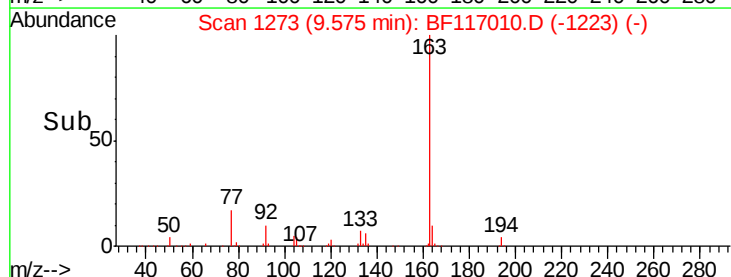
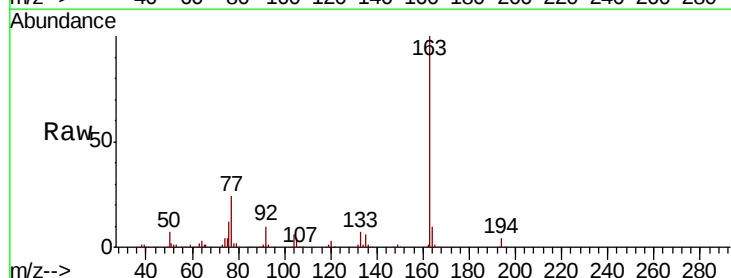
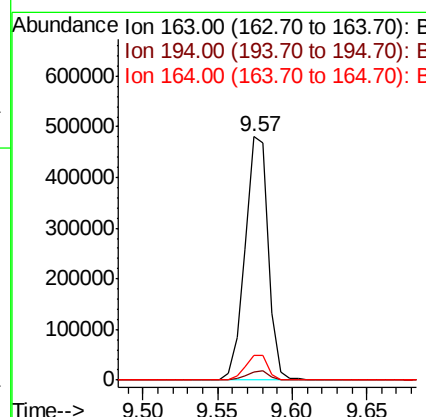
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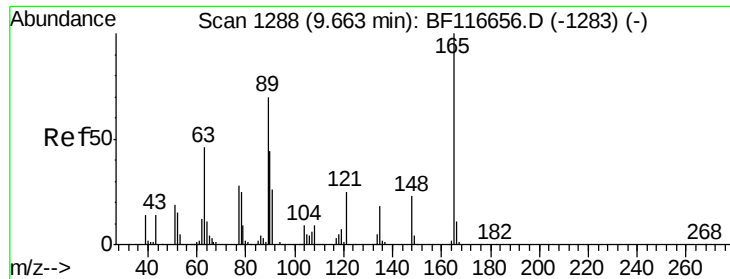
mohammad
9/16/2019 9:00:01 AM



#50
Dimethylphthalate
Concen: 59.214 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion:	163	Resp:	518172
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	10.2	8.2	12.4





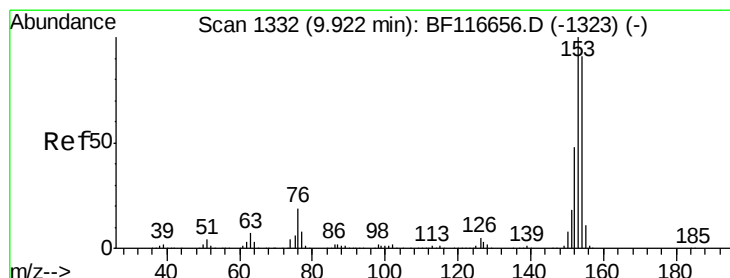
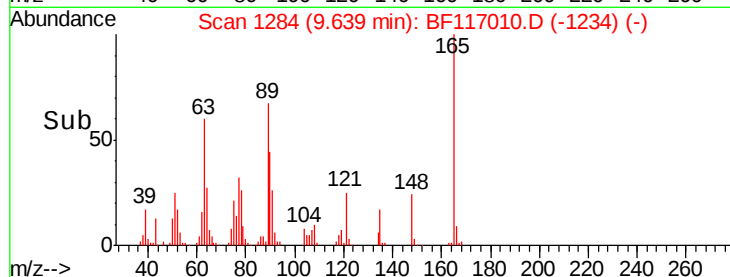
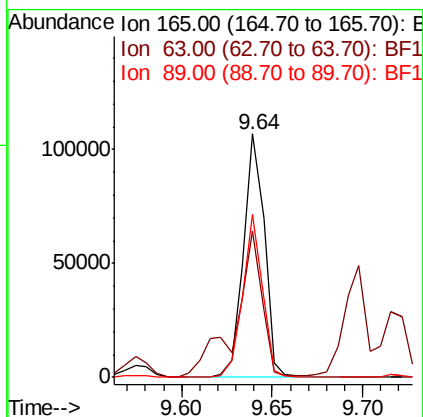
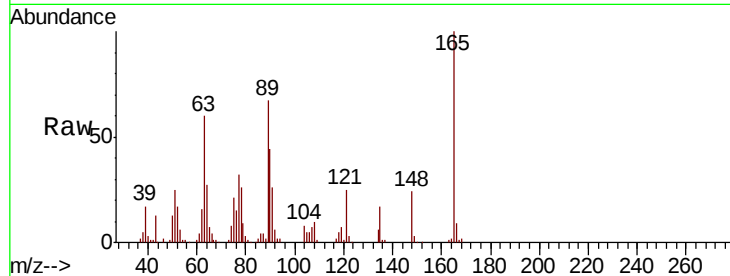
#51
2,6-Dinitrotoluene
Concen: 51.572 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.0	38.0	57.0#
89	66.8	44.1	66.1#

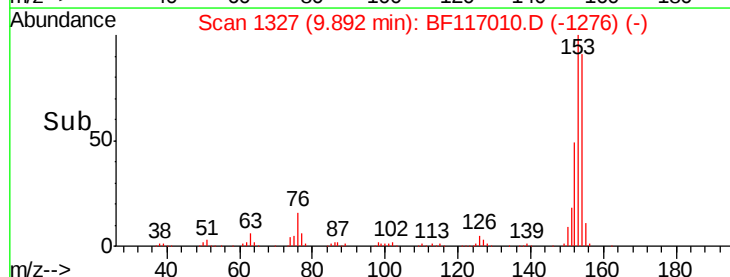
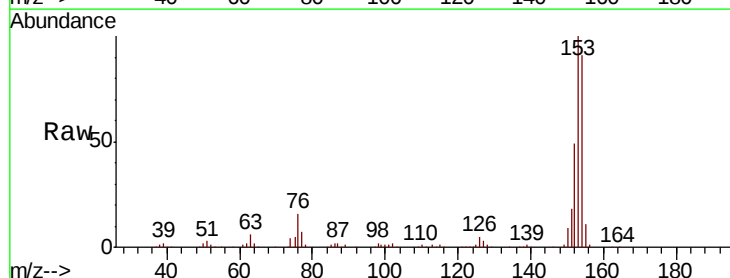
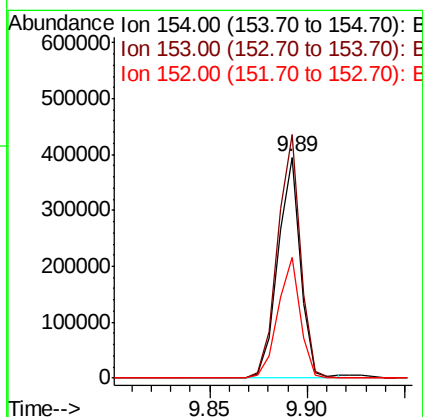
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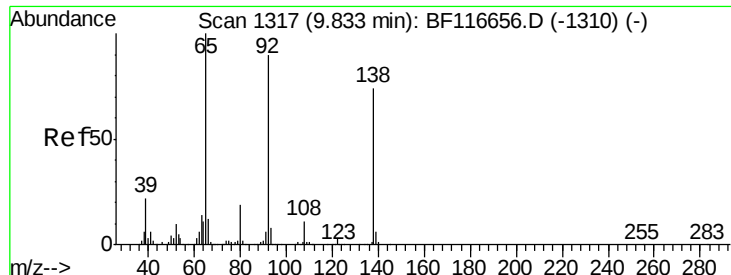
mohammad
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#52
Acenaphthene
Concen: 44.642 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.2	89.9	134.9
152	54.5	42.6	63.8





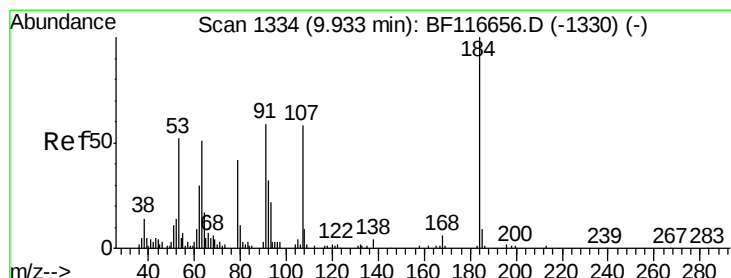
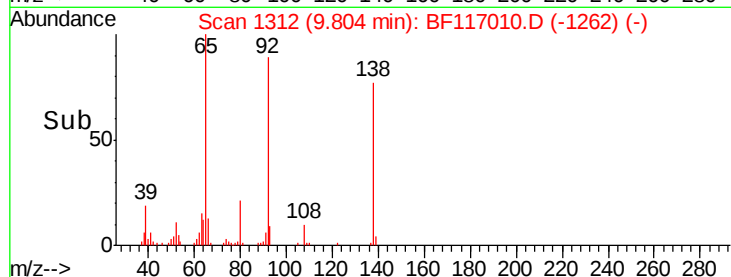
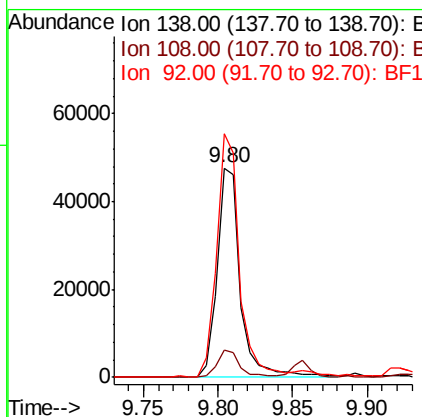
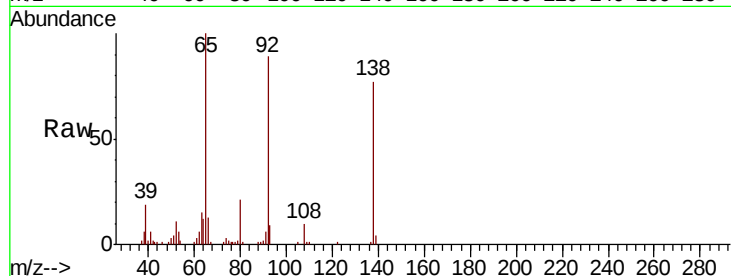
#53
3-Nitroaniline
Concen: 24.928 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.3	9.3	13.9
92	116.1	98.9	148.3

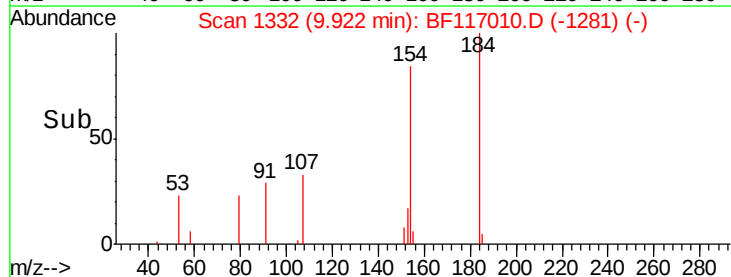
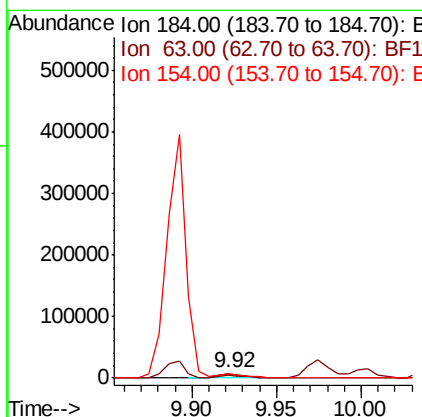
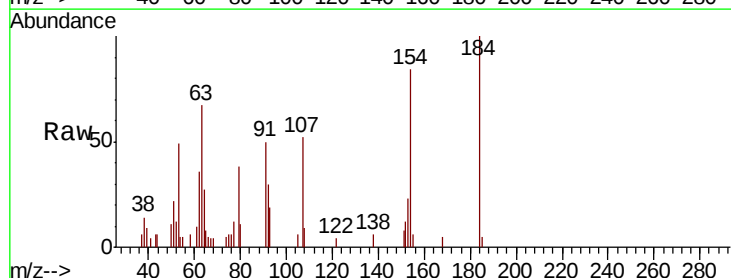
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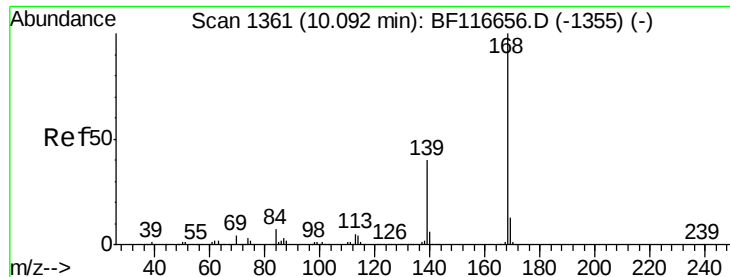
mohammad
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#54
2,4-Dinitrophenol
Concen: 21.773 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.4	49.0	73.4
154	84.0	58.3	87.5





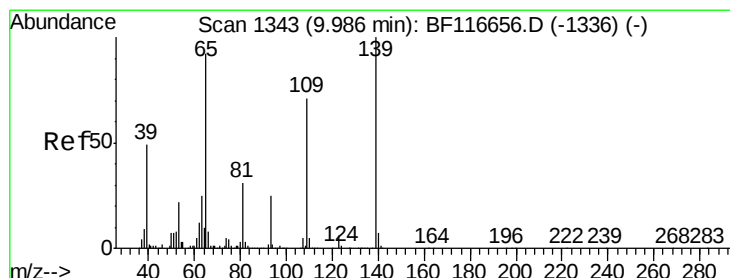
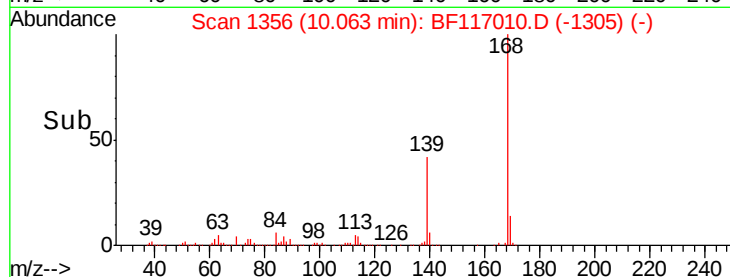
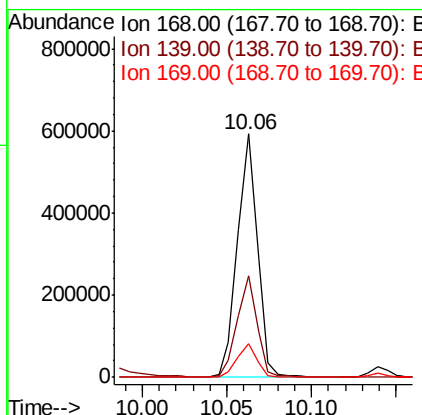
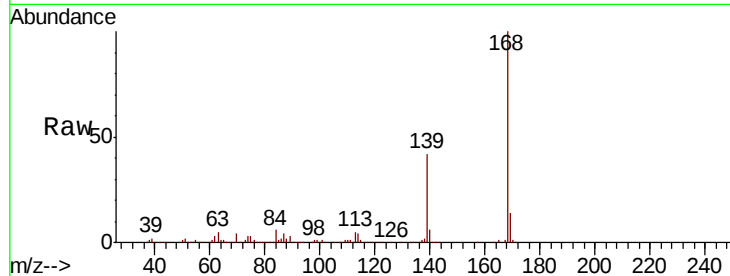
#55
Dibenzofuran
Concen: 49.242 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	491152		
139	41.9	34.2	51.4	
169	13.6	11.0	16.4	

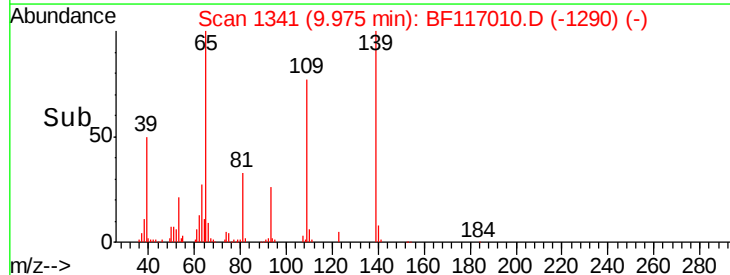
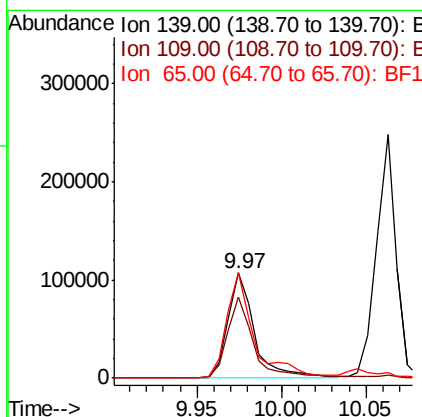
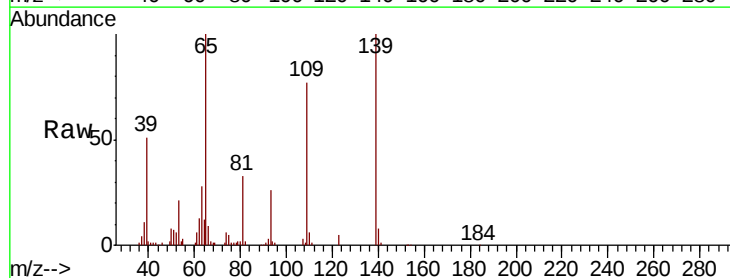
Manual Integrations
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#56
4-Nitrophenol
Concen: 81.756 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	117293		
109	77.1	54.0	94.0	
65	100.2	74.0	114.0	





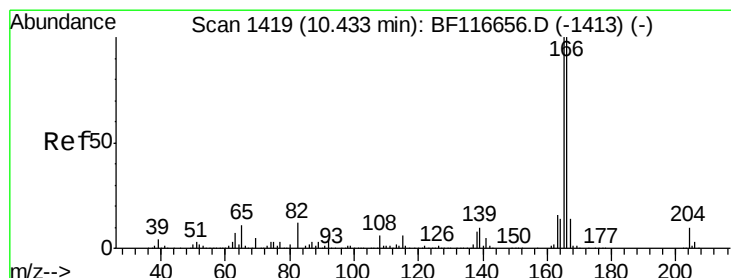
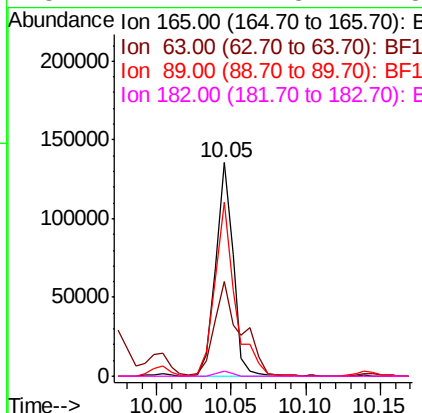
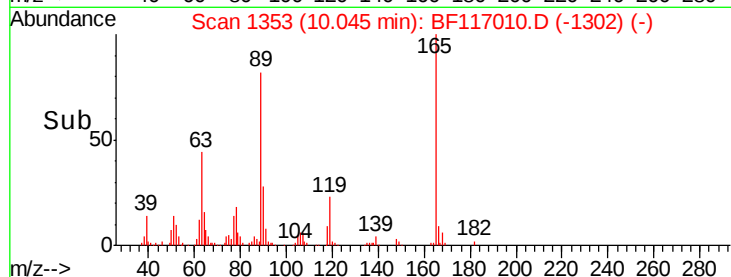
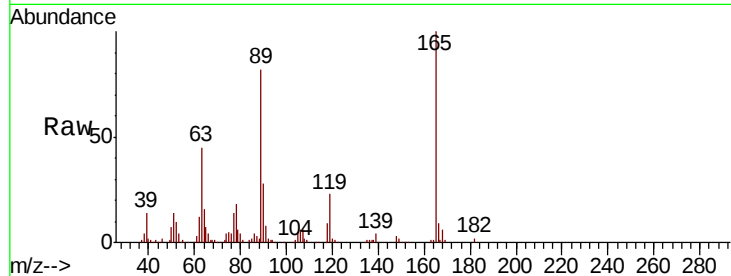
#57
2,4-Dinitrotoluene
Concen: 54.679 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		111627		
63	44.7	36.2	54.2		
89	81.8	66.1	99.1		
182	2.1	1.8	2.8		

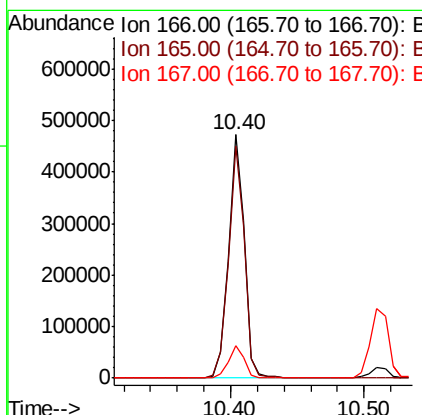
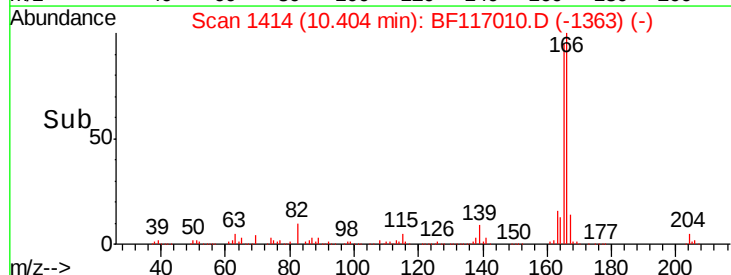
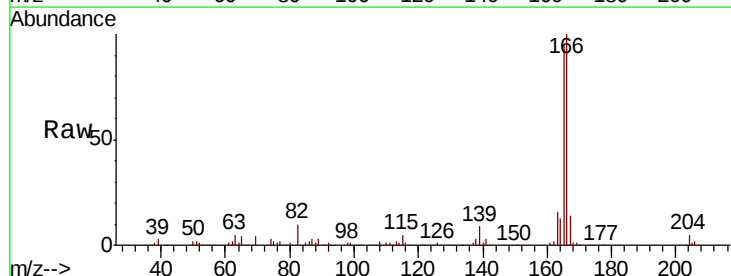
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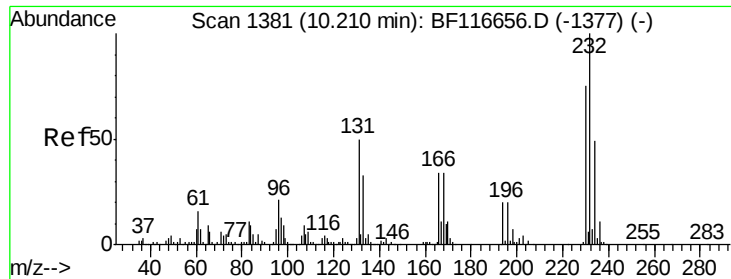
mohammad
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#58
Fluorene
Concen: 51.999 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		395194		
165	95.2	77.0	115.6		
167	13.5	10.7	16.1		





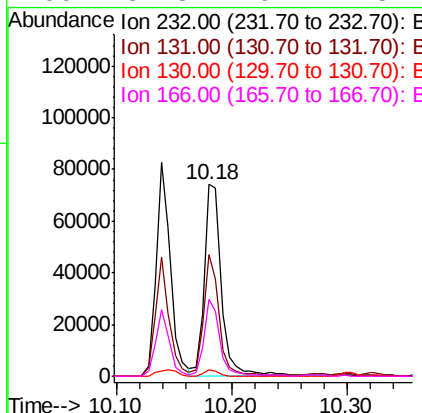
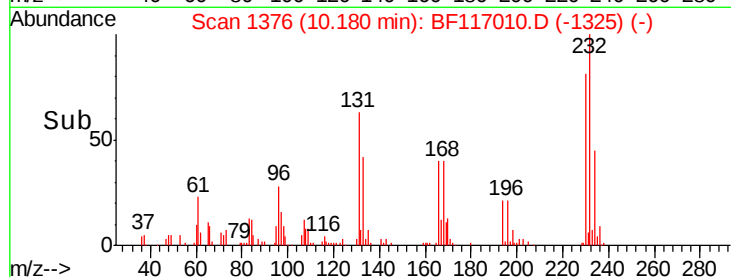
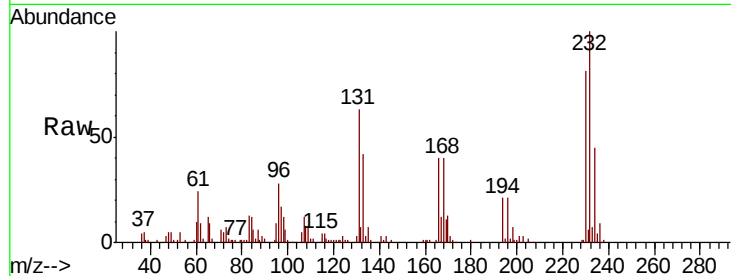
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.481 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

Tot Ion:	232	Resp:	77220
Ion Ratio	Lower	Upper	
232	100		
131	56.0	46.1	69.1
130	2.7	2.2	3.4
166	37.3	29.1	43.7

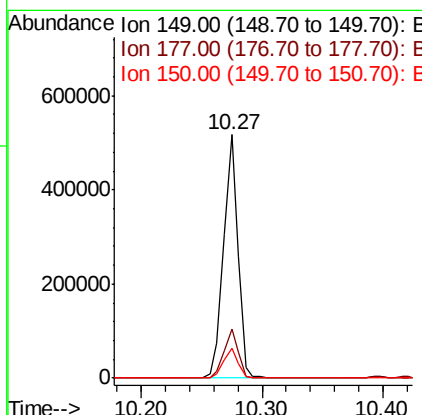
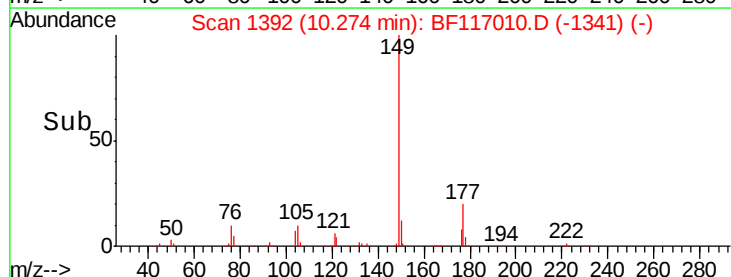
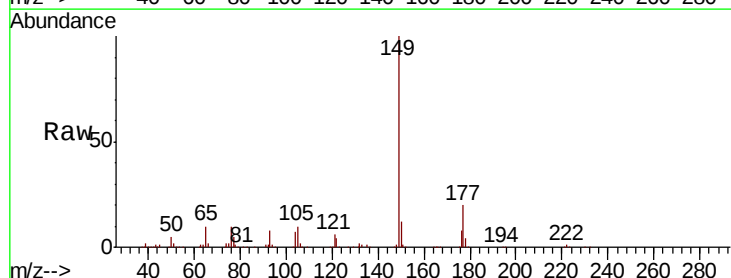
Manual Integrations
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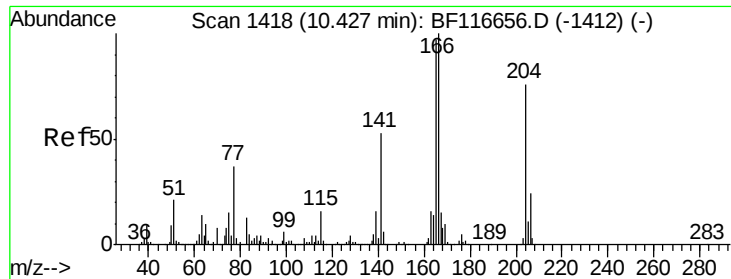
mohammad
9/16/2019 9:00:01 AM



#60
Diethylphthalate
Concen: 48.369 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion:	149	Resp:	423985
Ion Ratio	Lower	Upper	
149	100		
177	20.0	15.9	23.9
150	12.2	10.0	15.0





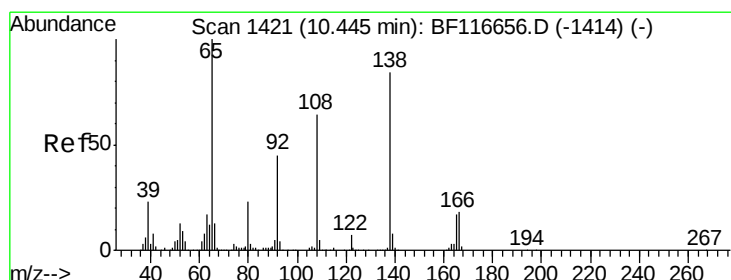
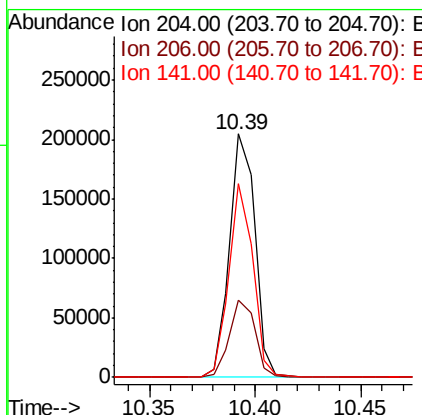
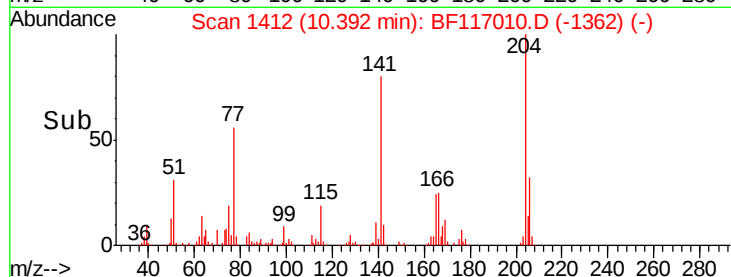
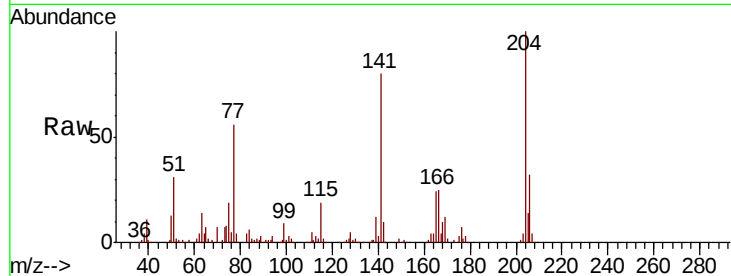
#61
4-Chlorophenyl-phenylether
Concen: 51.114 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Instrument :
BNA_F
ClientSampled :
SB-4-20-22MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.2	39.2
141	79.6	58.0	87.0

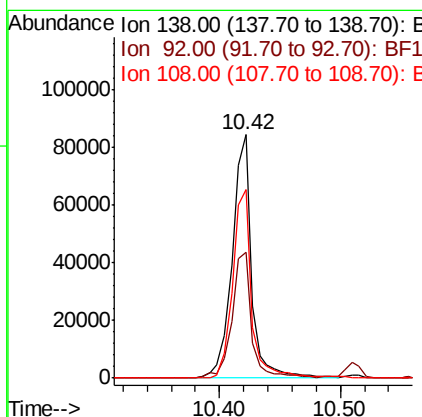
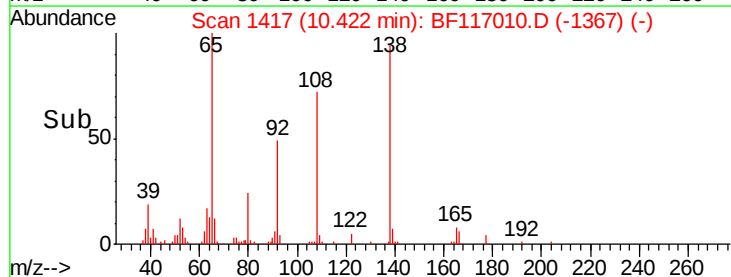
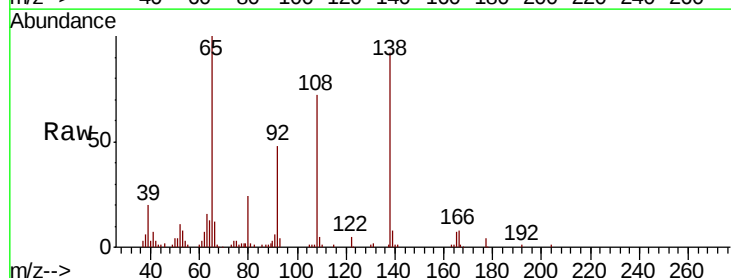
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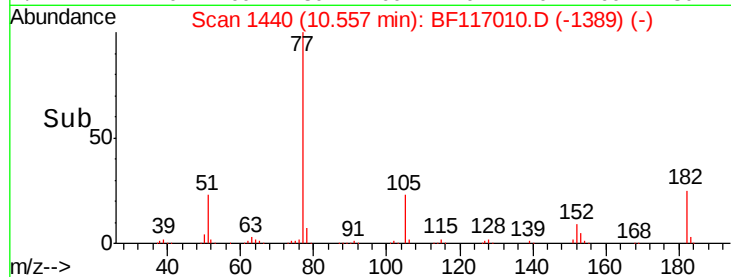
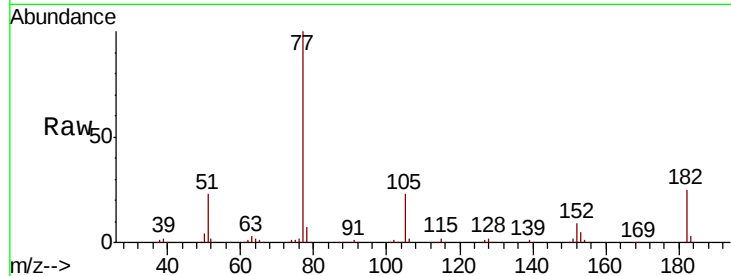
mohammad
9/16/2019 9:00:01 AM



#62
4-Nitroaniline
Concen: 46.867 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.9	31.0	71.0
108	77.6	59.1	99.1





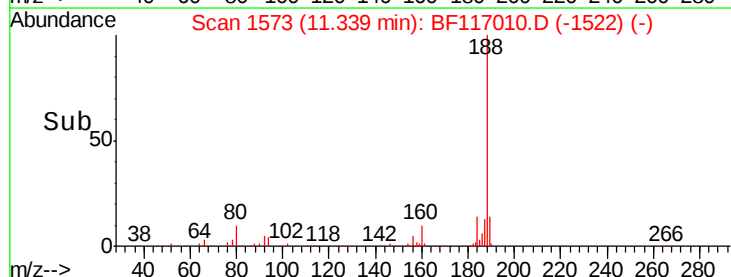
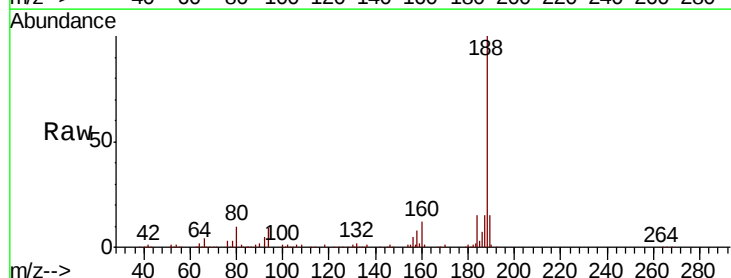
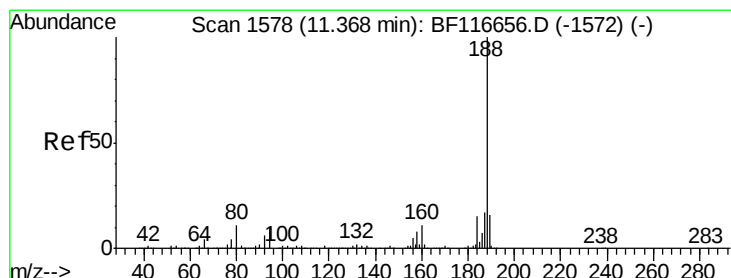
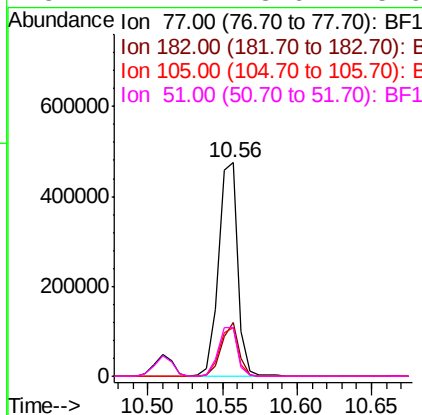
#63
Azobenzene
Concen: 47.171 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tot Ion	77	Resp	431149
Ion Ratio	Lower	Upper	
77	100		
182	25.1	1.9	41.9
105	22.9	1.5	41.5
51	22.7	3.6	43.6

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

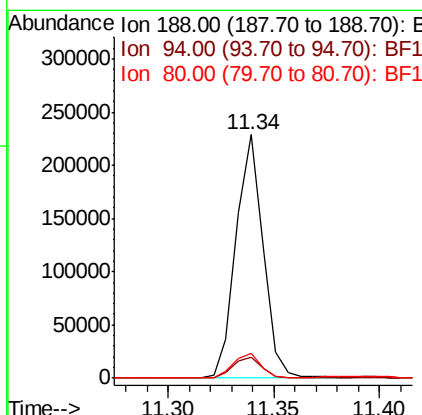
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion	188	Resp	203307
Ion Ratio	Lower	Upper	
188	100		
94	8.7	7.4	11.2
80	10.2	8.5	12.7





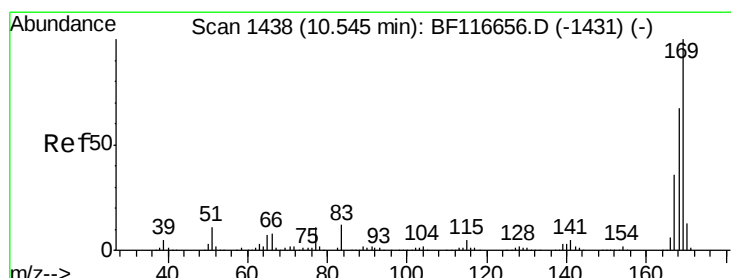
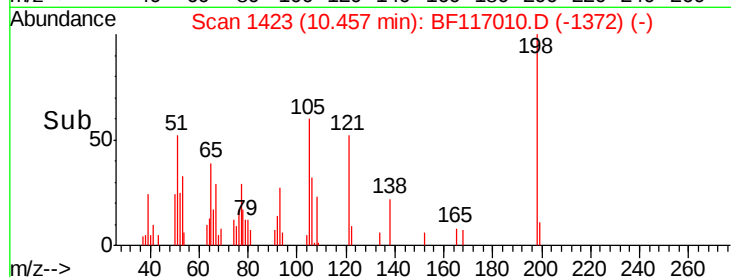
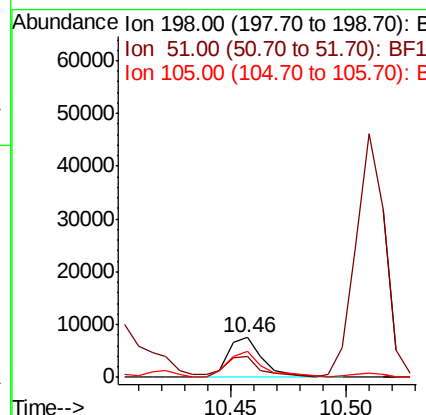
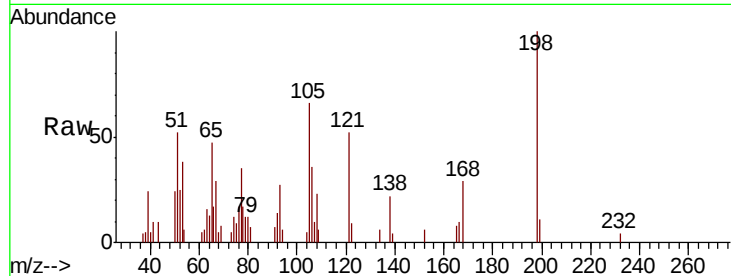
#65
4,6-Dinitro-2-methylphenol
Concen: 16.373 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	7908		
51	51.8	26.3	66.3	
105	65.9	40.0	80.0	

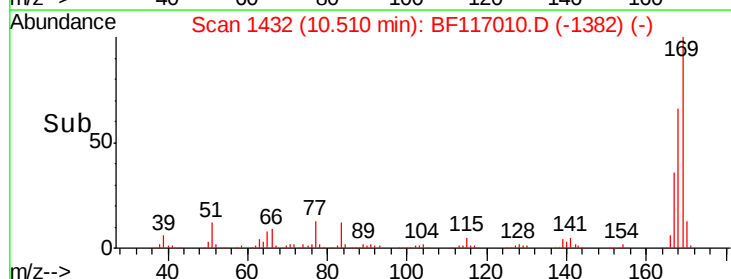
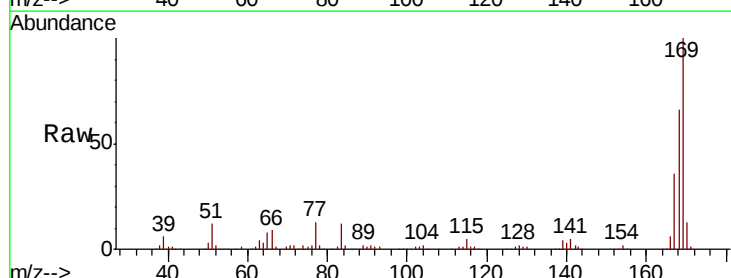
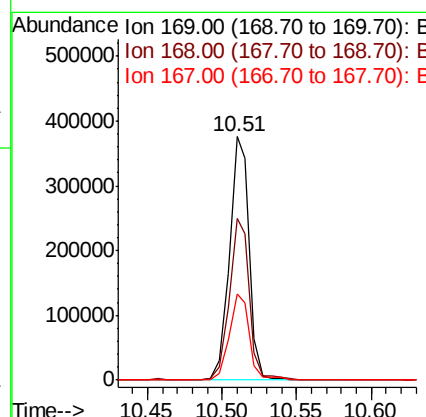
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#66
n-Nitrosodiphenylamine
Concen: 50.045 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	351972		
168	66.2	53.5	80.3	
167	35.6	28.7	43.1	





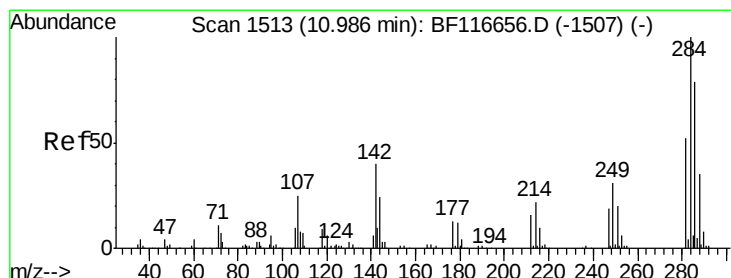
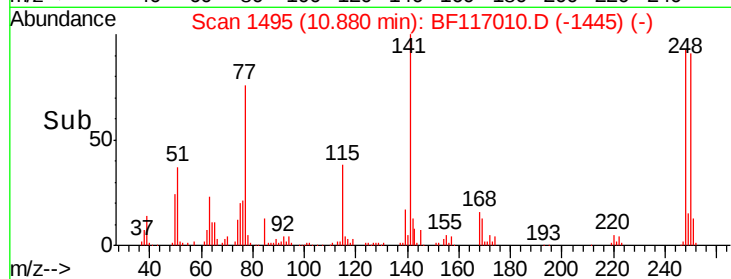
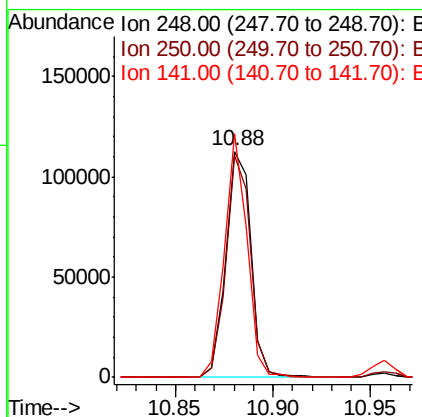
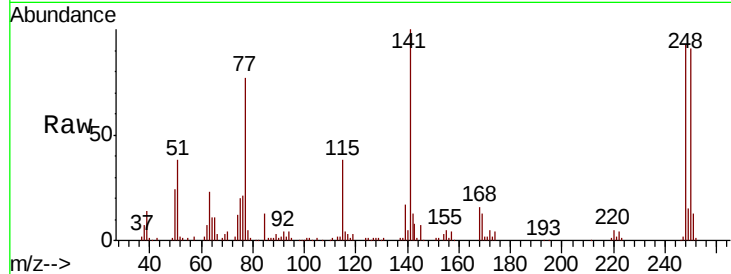
#67
 4-Bromophenyl-phenylether
 Concen: 48.761 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BF117010.D
 Acq: 13 Sep 2019 00:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-20-22MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.0	115.4
141	107.7	70.2	105.2

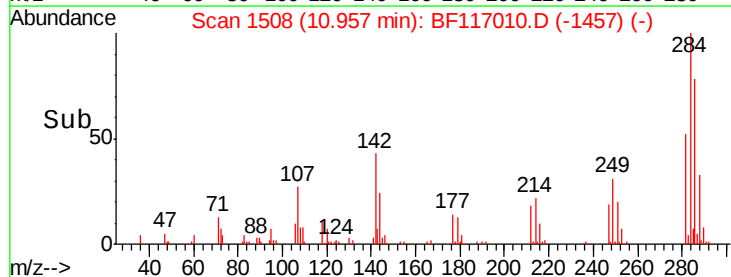
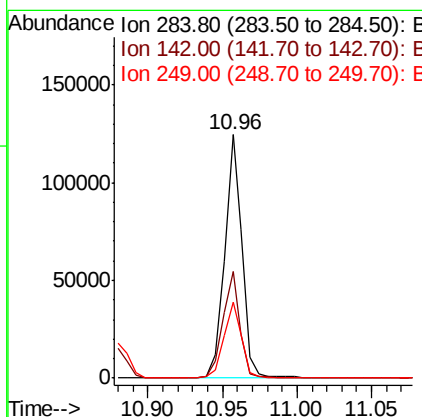
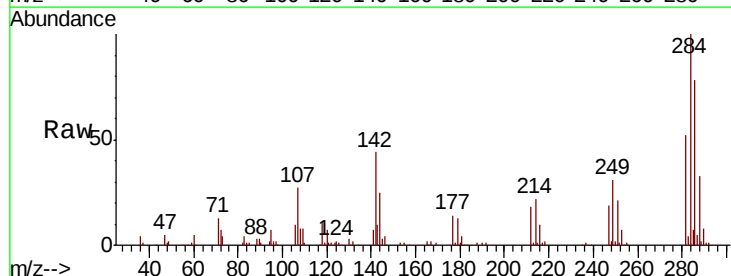
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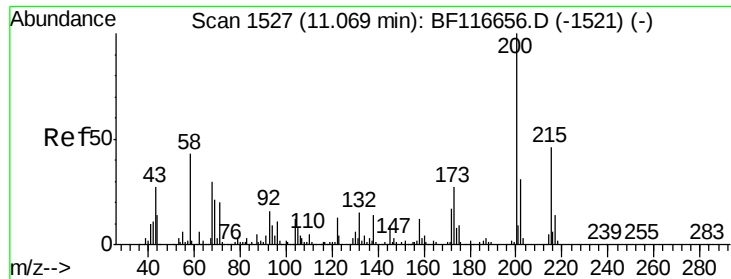
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#68
 Hexachlorobenzene
 Concen: 47.504 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: BF117010.D
 Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.7	37.2	55.8
249	31.4	25.9	38.9





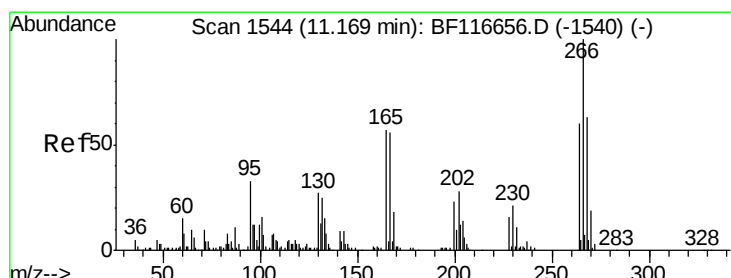
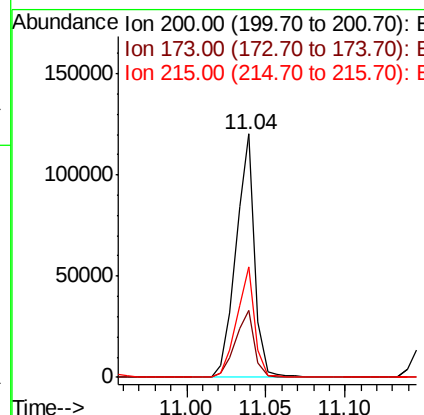
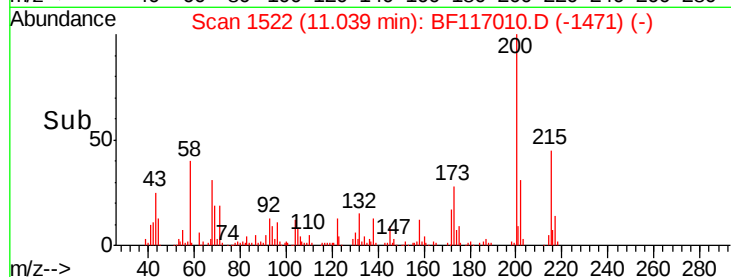
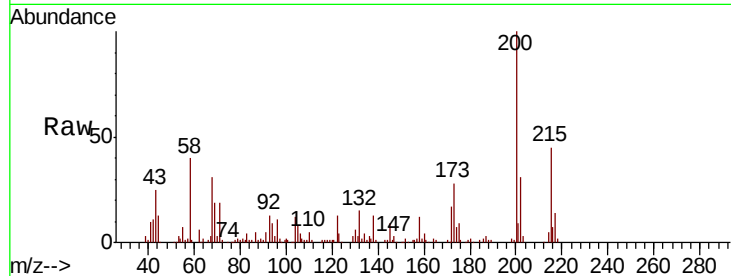
#69
Atrazine
Concen: 49.353 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.0	47.0
215	45.2	22.9	62.9

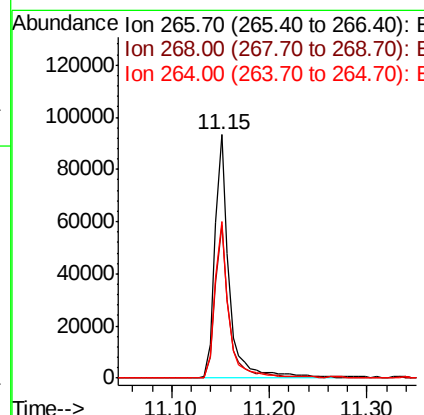
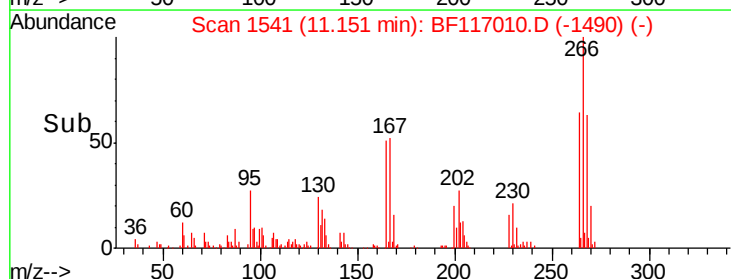
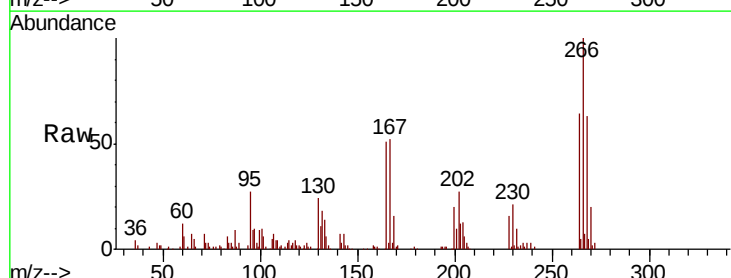
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#70
Pentachlorophenol
Concen: 90.832 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.4	77.2
264	64.1	52.1	78.1





#71

Phenanthrene

Concen: 48.365 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Instrument :

BNA_F

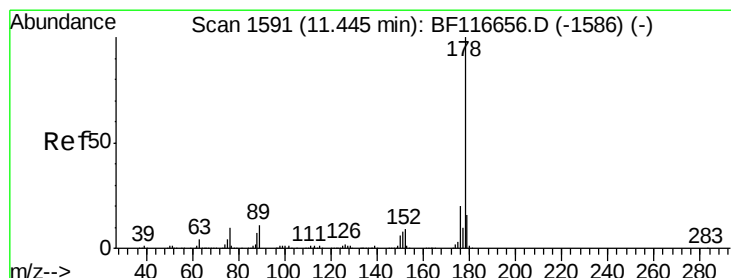
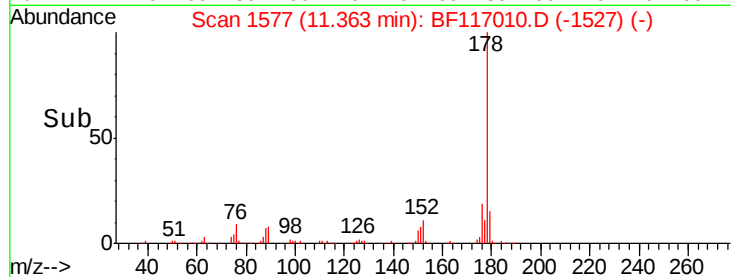
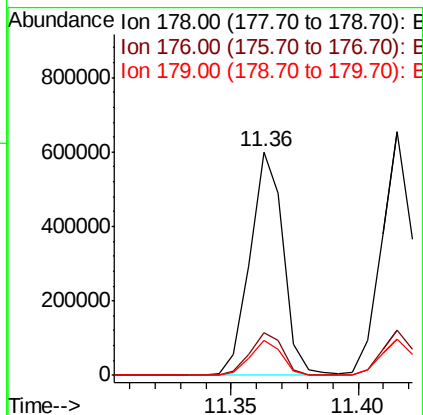
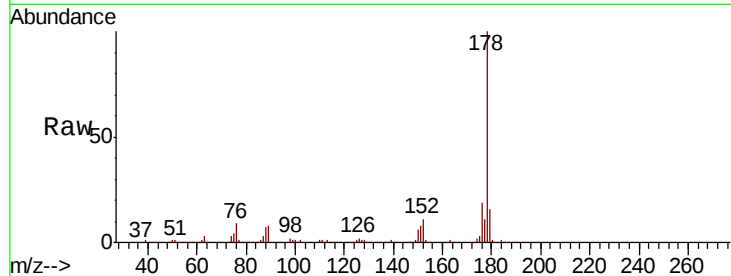
ClientSampleId :

SB-4-20-22MS

Tot Ion:178	Resp:	547362
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.7 23.5
179	15.6	12.0 18.0

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#72

Anthracene

Concen: 49.291 ng

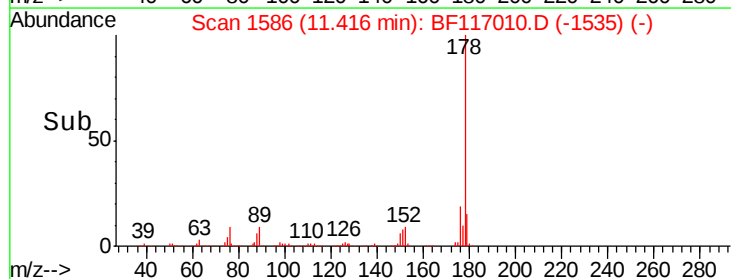
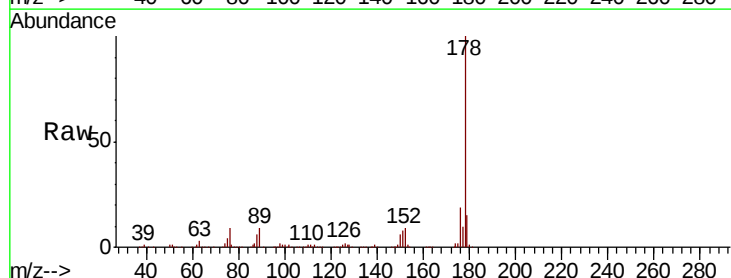
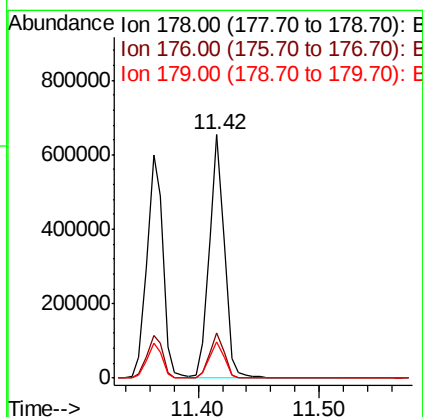
RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Tgt Ion:178	Resp:	561553
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.0 22.6
179	14.7	12.3 18.5





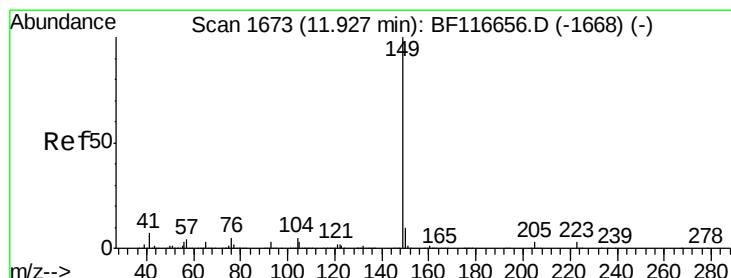
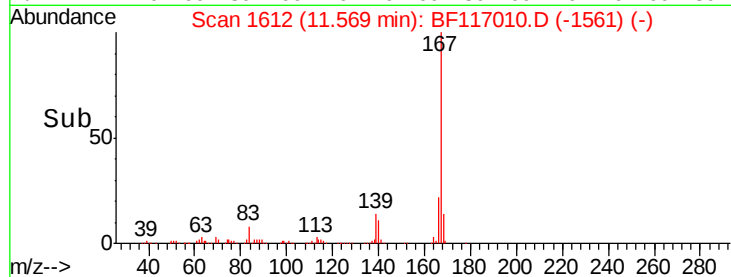
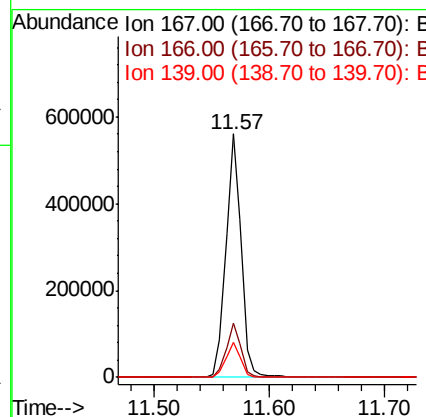
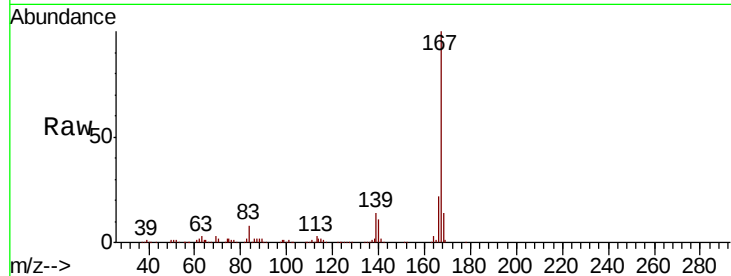
#73
 Carbazole
 Concen: 47.575 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF117010.D
 Acq: 13 Sep 2019 00:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-20-22MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.7	26.5
139	14.2	11.4	17.2

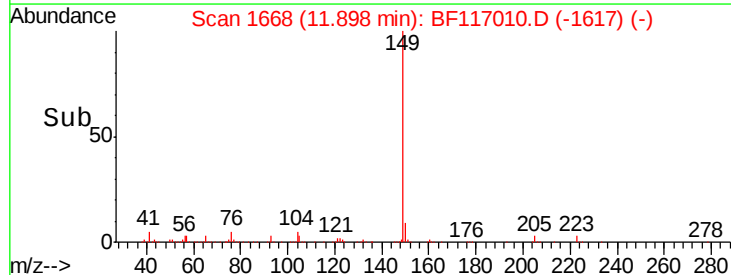
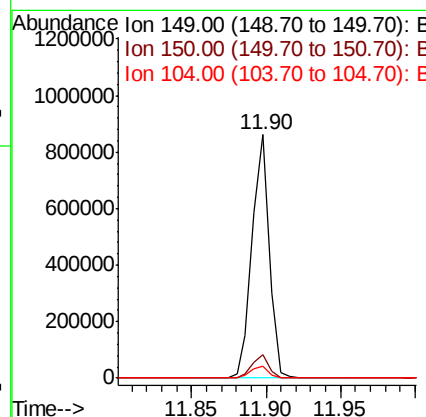
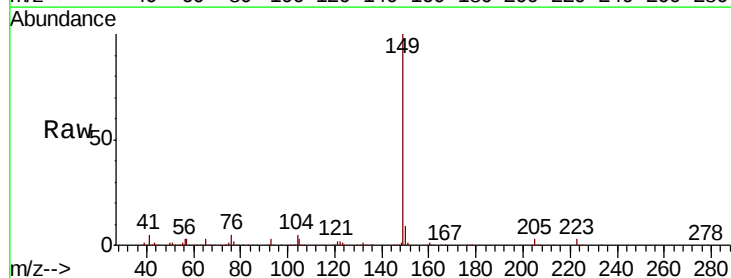
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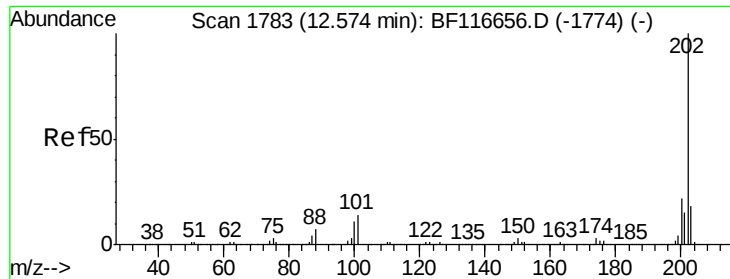
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#74
 Di-n-butylphthalate
 Concen: 49.357 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BF117010.D
 Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	5.0	4.3	6.5





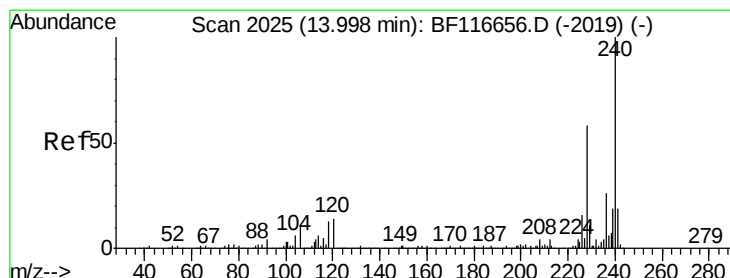
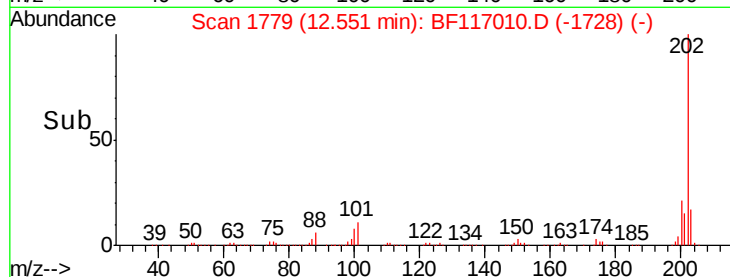
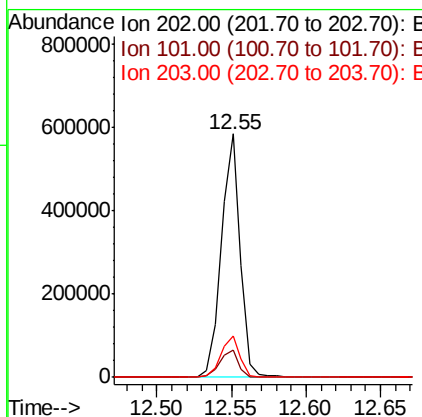
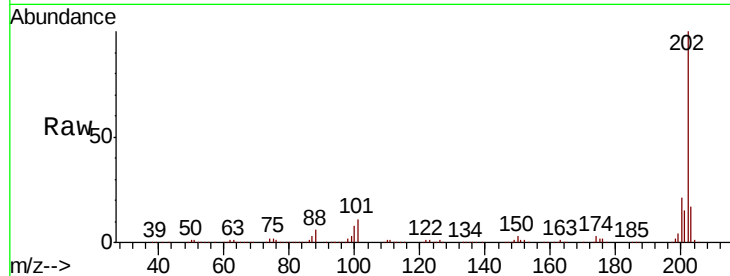
#75
Fluoranthene
Concen: 46.652 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	518869		
101	11.3	0.0	32.0	
203	17.0	0.0	37.5	

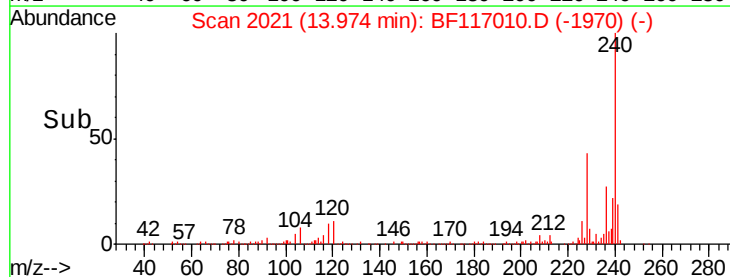
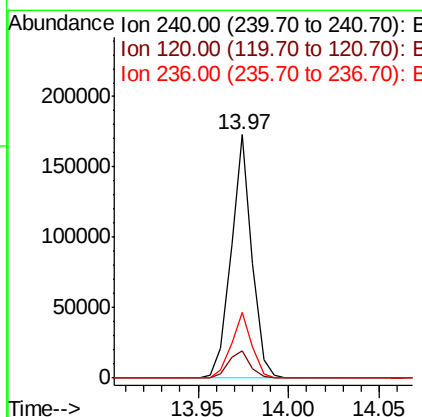
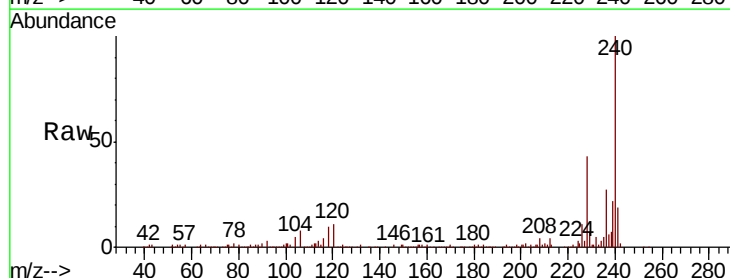
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	137478		
120	11.1	9.1	13.7	
236	26.9	20.9	31.3	





#77

Benzidine

Concen: 44.730 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Instrument :

BNA_F

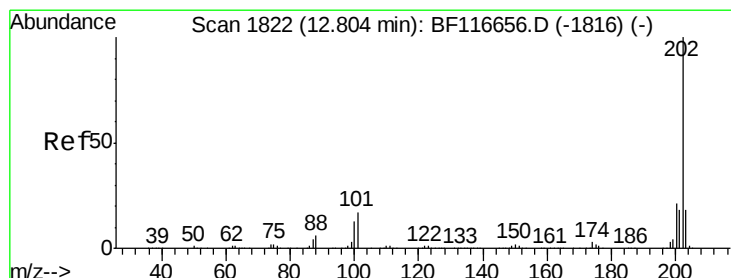
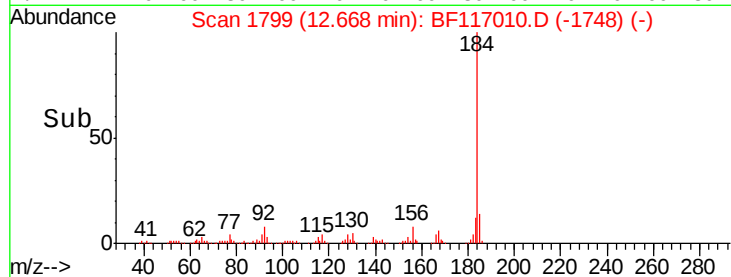
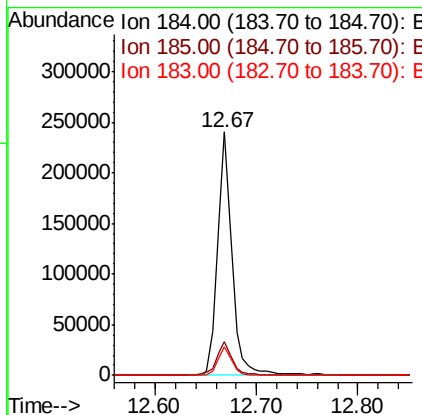
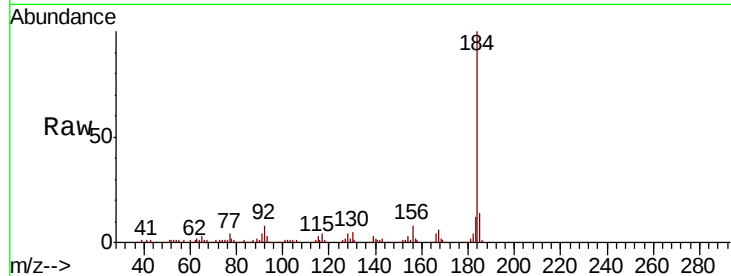
ClientSampleId :

SB-4-20-22MS

Tot Ion:	184	Resp:	241195
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.0	18.0
183	11.6	9.2	13.8

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#78

Pyrene

Concen: 42.764 ng

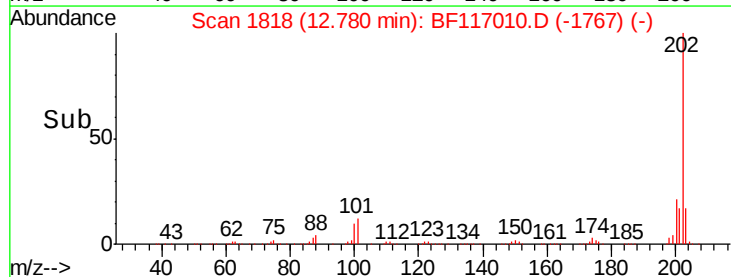
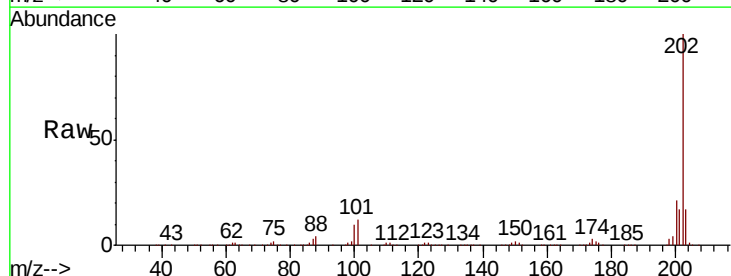
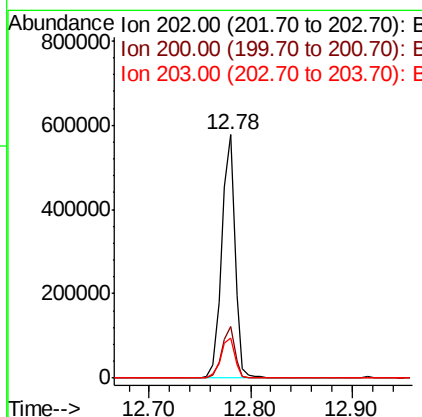
RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Tgt Ion:	202	Resp:	522612
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.2	25.8
203	16.6	14.2	21.2





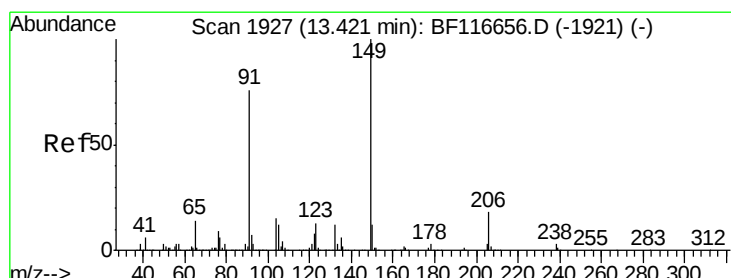
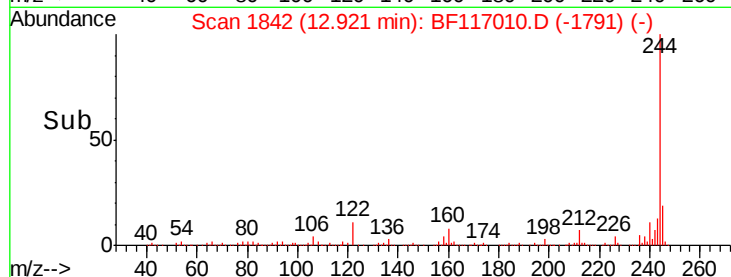
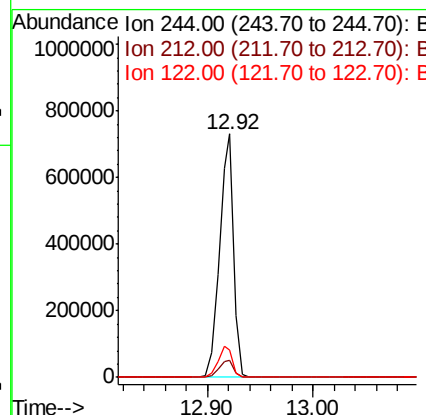
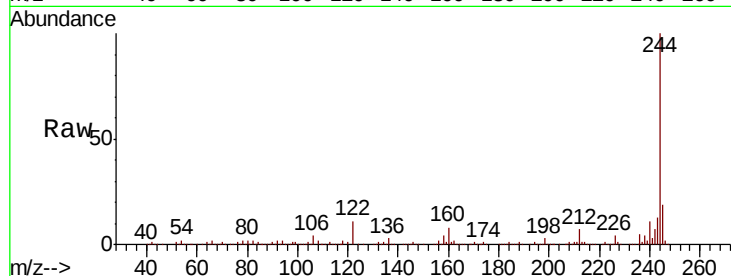
#79
 Terphenyl-d14
 Concen: 92.912 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF117010.D
 Acq: 13 Sep 2019 00:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-20-22MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	11.4	11.5	17.3#

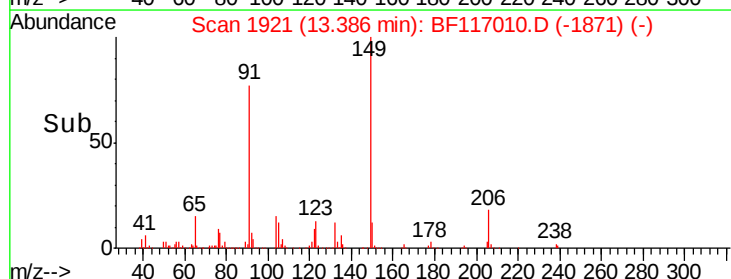
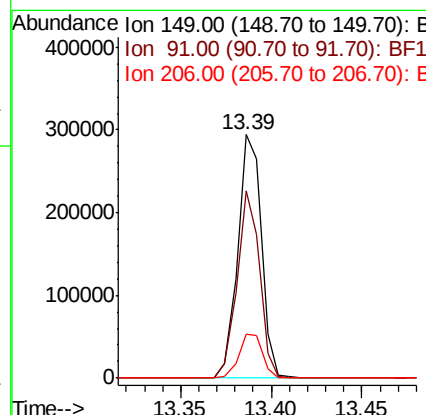
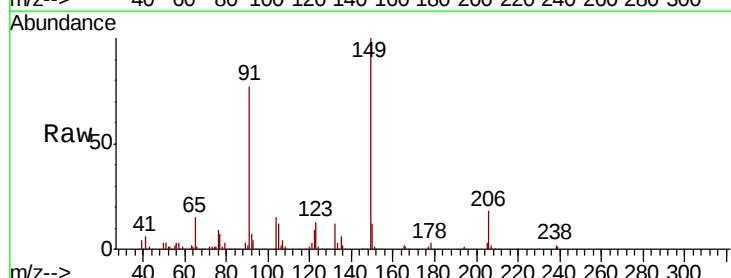
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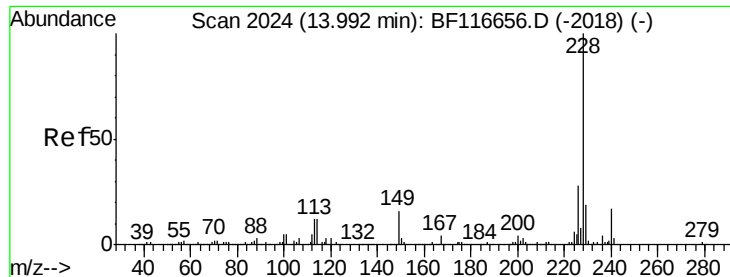
mohammad
 9/16/2019 9:00:01 AM



#80
 Butylbenzylphthalate
 Concen: 45.098 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF117010.D
 Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.1	55.8	83.8
206	17.9	15.0	22.6





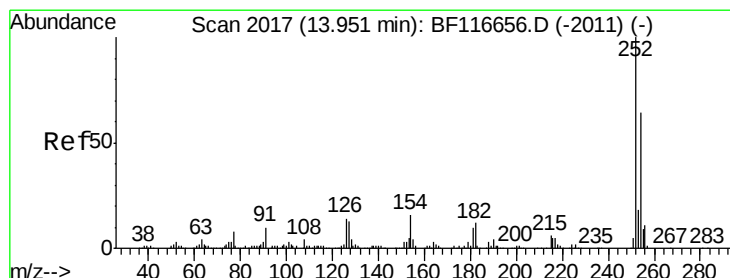
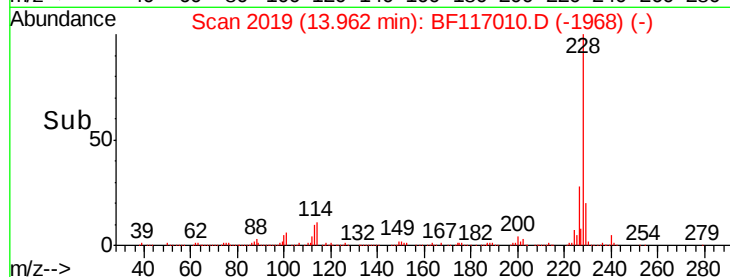
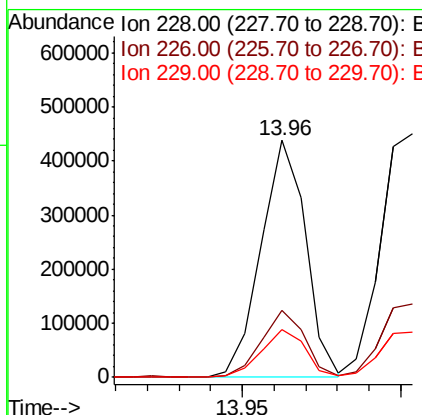
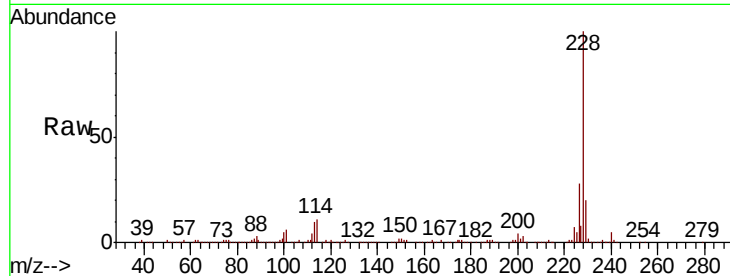
#81
Benzo(a)anthracene
Concen: 49.376 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.3	33.5
229	20.3	15.8	23.8

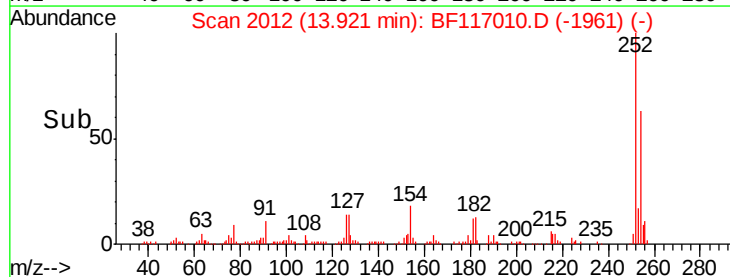
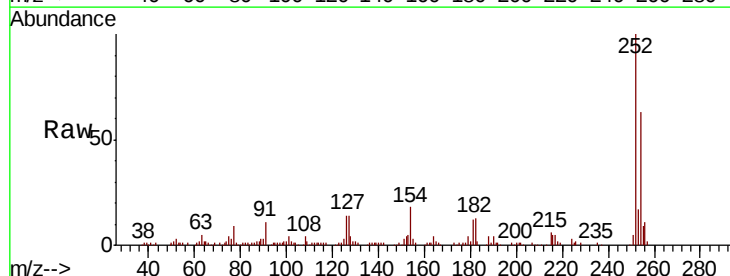
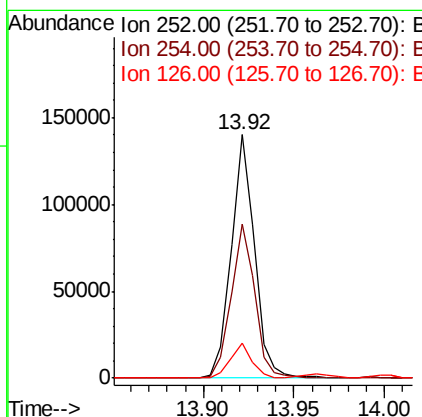
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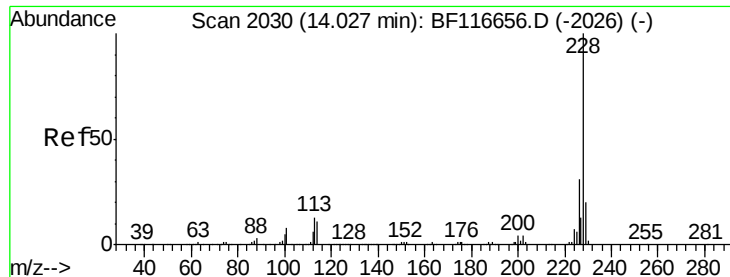
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#82
3,3'-Dichlorobenzidine
Concen: 42.749 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.8	77.8
126	14.2	10.9	16.3





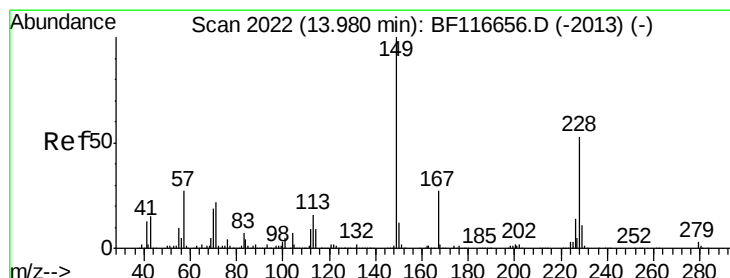
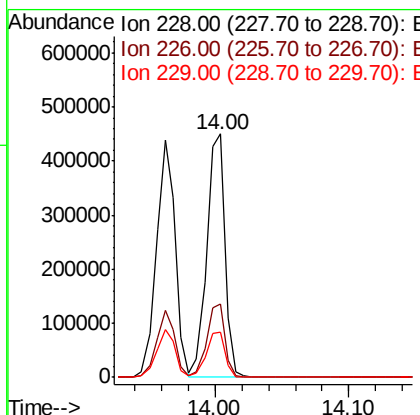
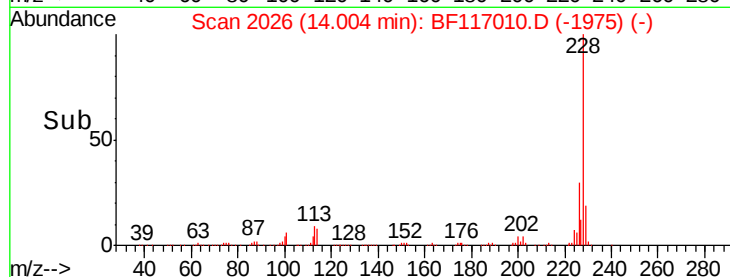
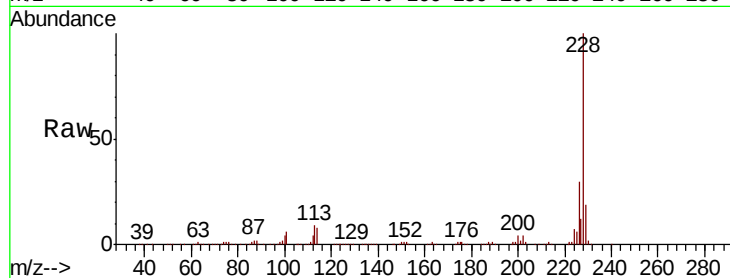
#83
 Chrvsene
 Concen: 47.858 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF117010.D
 Acq: 13 Sep 2019 00:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-20-22MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	18.5	15.7	23.5

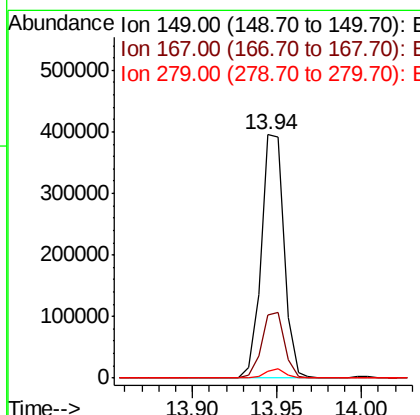
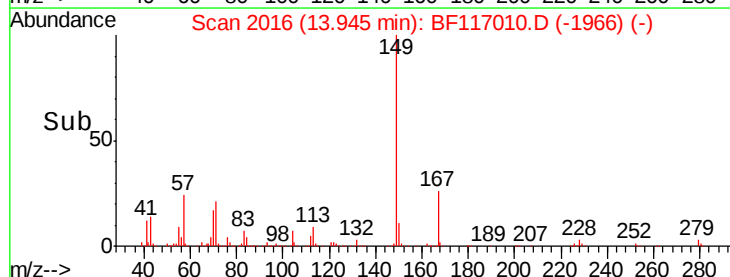
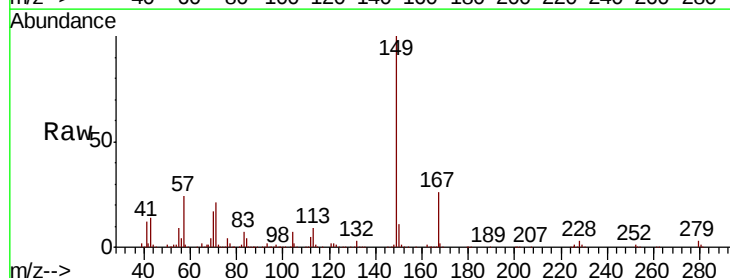
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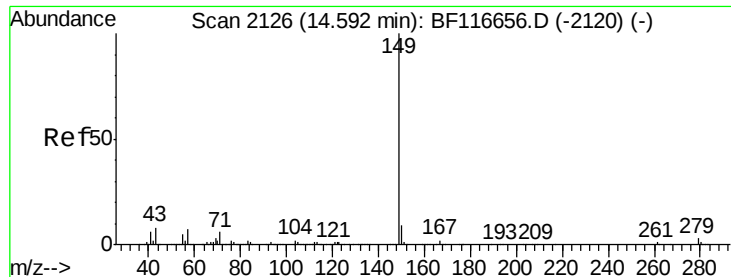
mohammad
 9/16/2019 9:00:01 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.791 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF117010.D
 Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	2.8	2.6	3.8





#85

Di-n-octyl phthalate

Concen: 52.694 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Instrument :

BNA_F

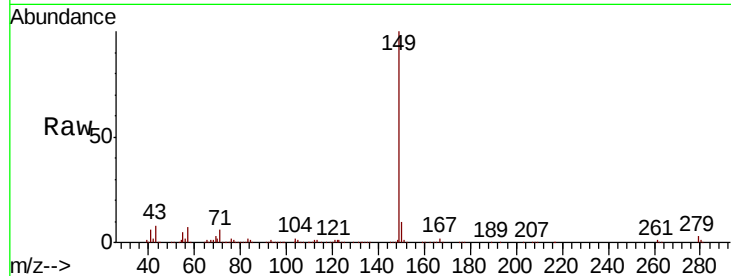
ClientSampleId :

SB-4-20-22MS

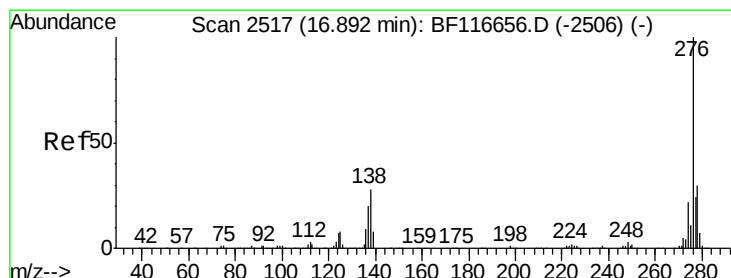
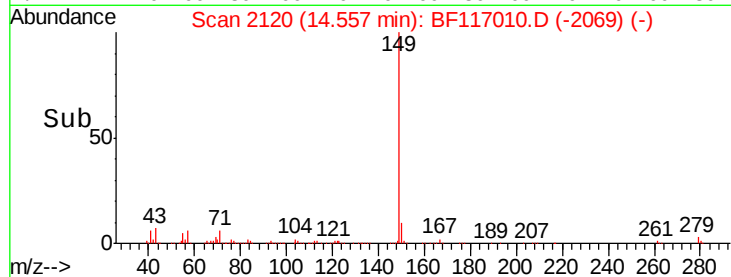
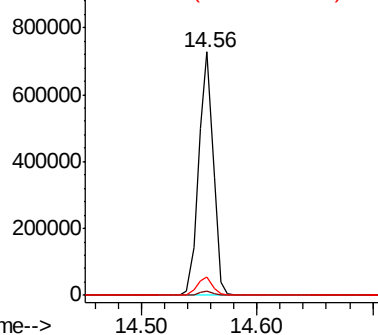
Tot Ion:	149	Resp:	632616
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	7.7	6.2	9.4

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.069 ng

RT: 16.86 min Scan# 2512

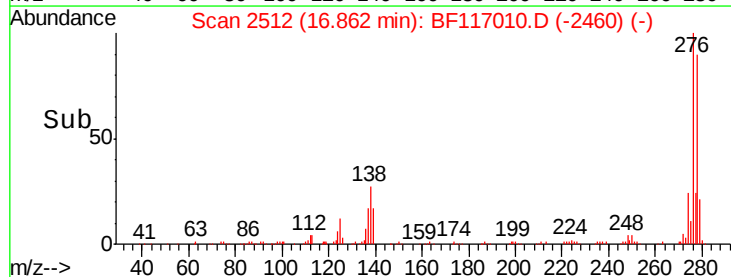
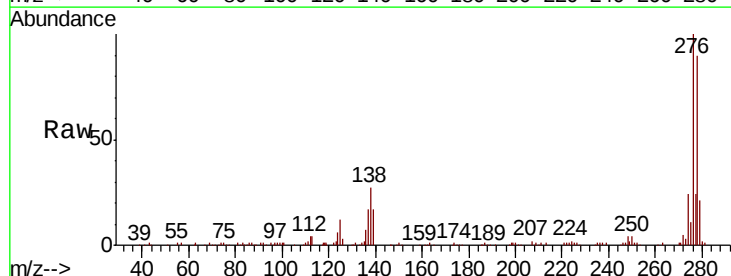
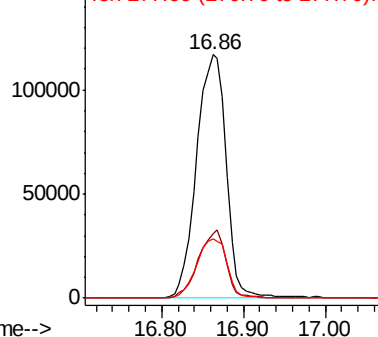
Delta R.T. 0.01 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Tgt Ion:	276	Resp:	295706
Ion Ratio	Lower	Upper	
276	100		
138	25.8	20.6	31.0
277	24.8	19.9	29.9

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.01 min

Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Instrument :

BNA_F

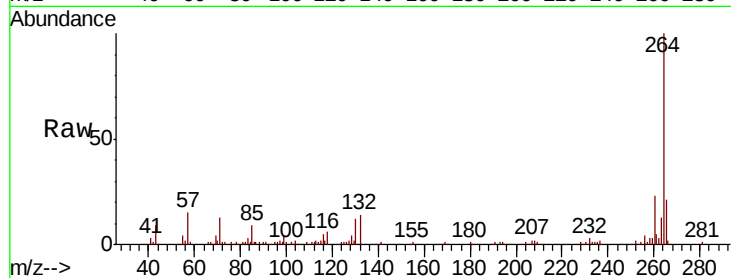
ClientSampled :

SB-4-20-22MS

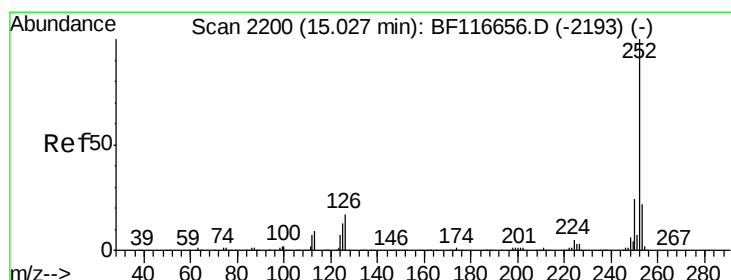
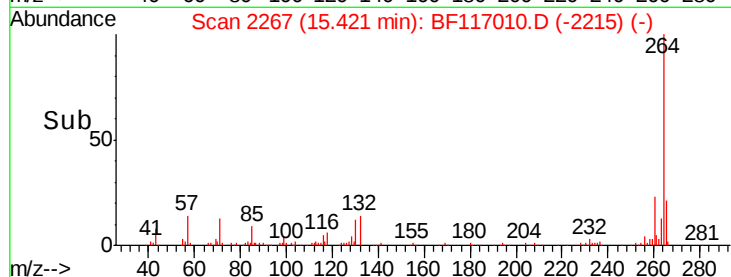
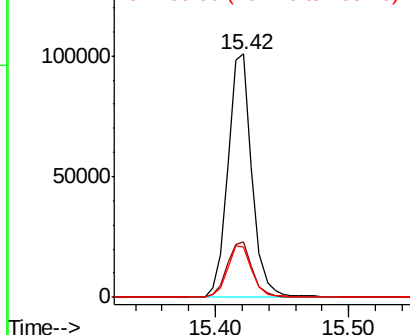
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	20.6	17.9	26.9

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



#88

Benzo(b)fluoranthene

Concen: 48.124 ng

RT: 15.00 min Scan# 2196

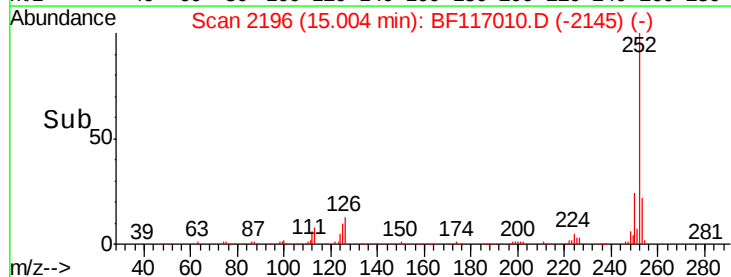
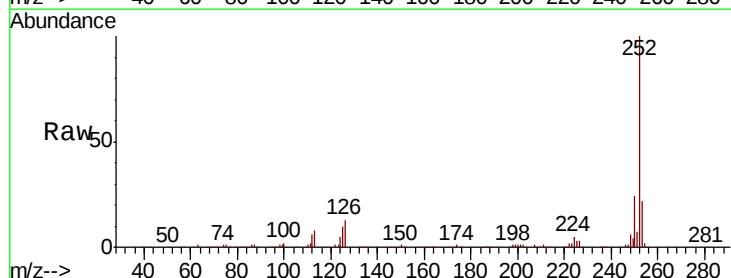
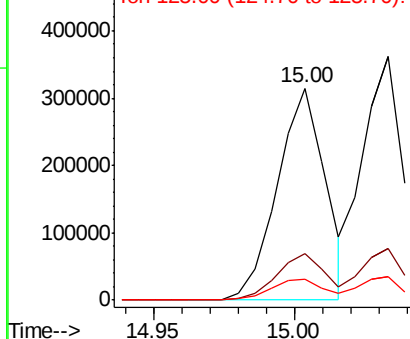
Delta R.T. -0.00 min

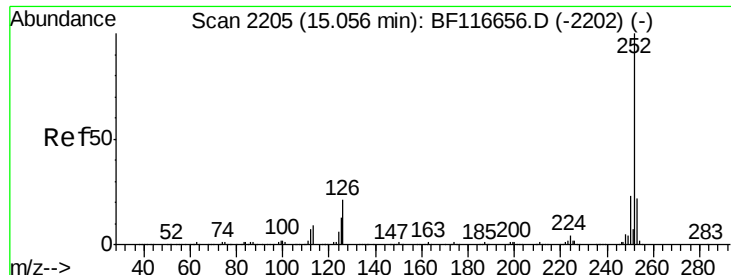
Lab File: BF117010.D

Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.9	8.3	12.5

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





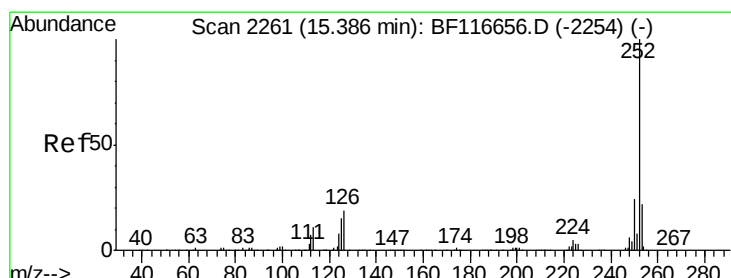
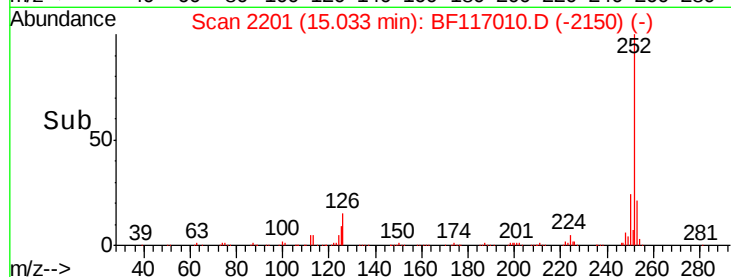
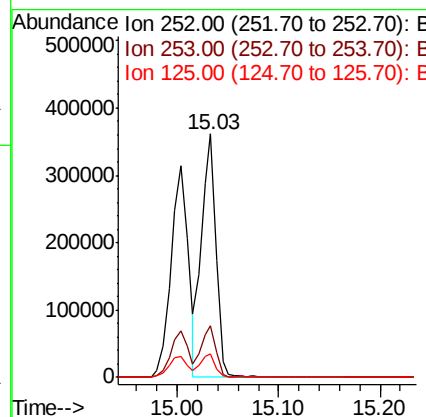
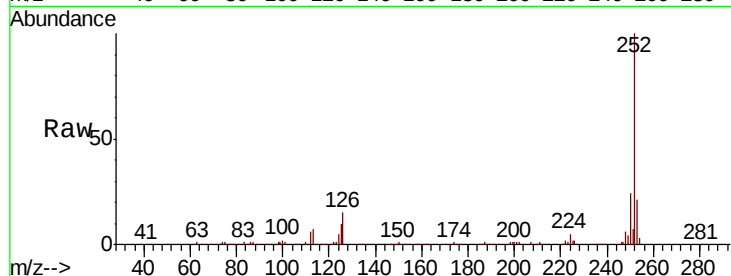
#89
Benzo(k)fluoranthene
Concen: 51.162 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	16.8	25.2
125	9.8	7.6	11.4

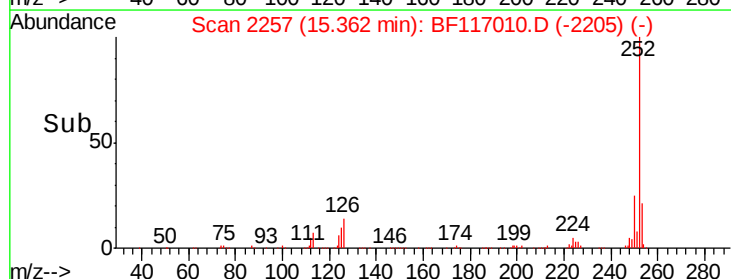
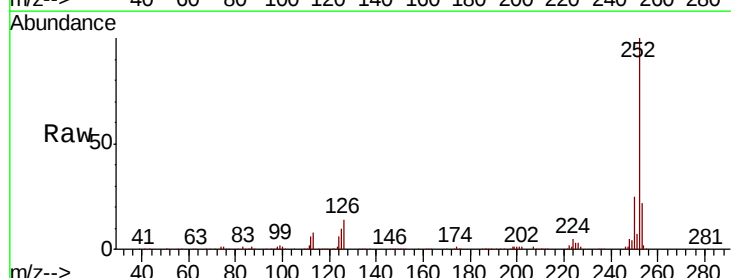
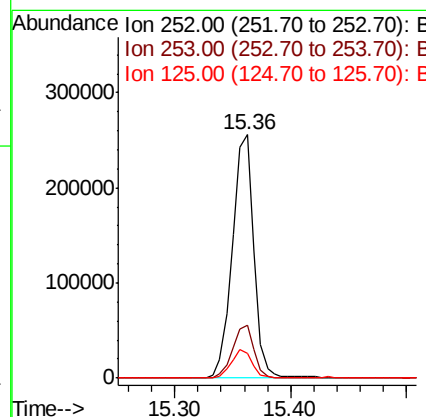
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#90
Benzo(a)pyrene
Concen: 49.160 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.01 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	10.4	10.2	15.2





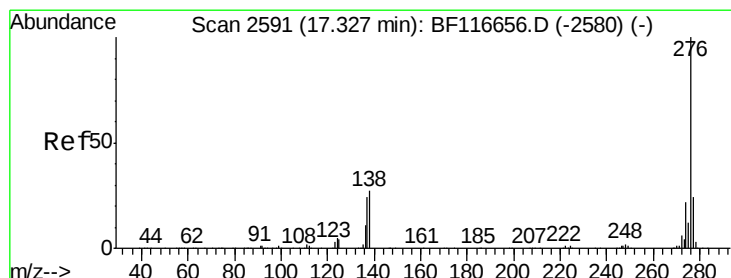
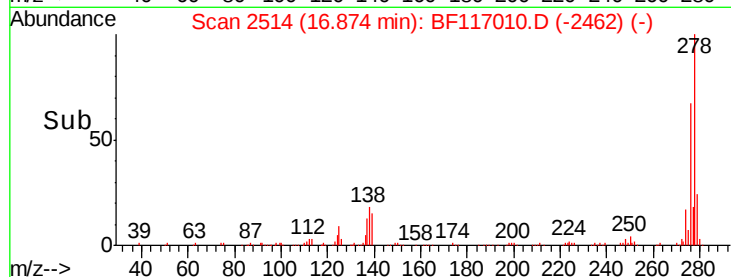
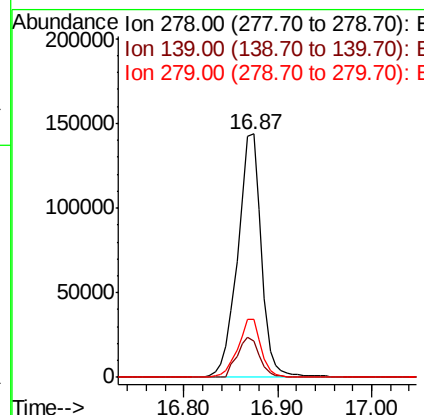
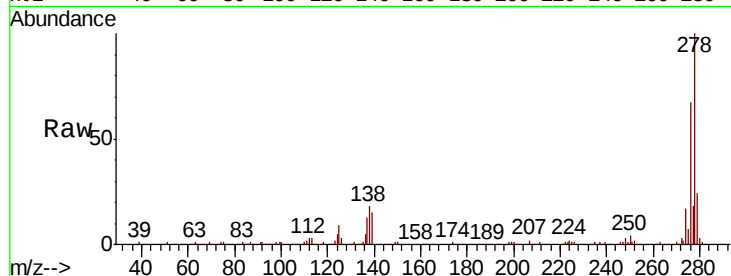
#91
Dibenzo(a,h)anthracene
Concen: 42.906 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.1	19.7
279	24.0	18.6	27.8

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#92
Benzo(g,h,i)perylene
Concen: 40.186 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.01 min
Lab File: BF117010.D
Acq: 13 Sep 2019 00:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.9	19.0	28.6
138	20.6	18.7	28.1

