

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
 Data File : BF117398.D
 Acq On : 14 Oct 2019 13:29
 Operator : JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

mohammad
 10/16/2019 8:09:59 AM

Quant Time: Oct 14 14:35:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 14:19:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	51933	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	222638	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	114191	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	180753	20.00	ng	0.00
76) Chrysene-d12	13.96	240	121436	20.00	ng	0.00
87) Perylene-d12	15.42	264	98668	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	333942	100.39	ng	0.00
7) Phenol-d6	6.45	99	441137	102.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	424018	100.07	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	90695	95.03	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	751814	102.94	ng	0.00
79) Terphenyl-d14	12.90	244	720529	110.91	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.52	88	68330	49.091	ng	99
3) Pyridine	3.25	79	181011	47.512	ng	98
4) n-Nitrosodimethylamine	3.22	42	64842	49.595	ng	91
6) Aniline	6.46	93	275590	49.792	ng	91
8) 2-Chlorophenol	6.59	128	186136	51.870	ng	96
9) Benzaldehyde	6.35	77	105940	45.132	ng	98
10) Phenol	6.46	94	240187	50.682	ng	96
11) bis(2-Chloroethyl)ether	6.53	93	184299	52.912	ng	99
12) 1,3-Dichlorobenzene	6.73	146	205827	51.114	ng	98
13) 1,4-Dichlorobenzene	6.81	146	204707	49.814	ng	97
14) 1,2-Dichlorobenzene	6.96	146	199515	52.147	ng	98
15) Benzyl Alcohol	6.95	79	167394	50.778	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	188774	54.857	ng	94
17) 2-Methylphenol	7.06	107	156039	51.883	ng	95
18) Hexachloroethane	7.30	117	81560	51.591	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	138726	52.995	ng	97
20) 3+4-Methylphenols	7.22	107	195842	52.278	ng	# 86
22) Acetophenone	7.21	105	284558	50.306	ng	# 97
24) Nitrobenzene	7.38	77	211846	50.626	ng	96
25) Isophorone	7.62	82	378862	50.498	ng	97
26) 2-Nitrophenol	7.70	139	96285	53.569	ng	98
27) 2,4-Dimethylphenol	7.74	122	142993	50.168	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	235246	50.893	ng	97
29) 2,4-Dichlorophenol	7.95	162	151469	50.716	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	160345	49.694	ng	97
31) Naphthalene	8.10	128	543838	50.790	ng	99
32) Benzoic acid	7.91	122	97312	48.543	ng	95
33) 4-Chloroaniline	8.15	127	233899	49.251	ng	99
34) Hexachlorobutadiene	8.22	225	91376	49.915	ng	99
35) Caprolactam	8.54	113	47952m	47.435	ng	
36) 4-Chloro-3-methylphenol	8.65	107	169207	48.589	ng	98
37) 2-Methylnaphthalene	8.79	142	360979	50.064	ng	97
38) 1-Methylnaphthalene	8.89	142	341926	50.633	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	147821	50.131	ng	99

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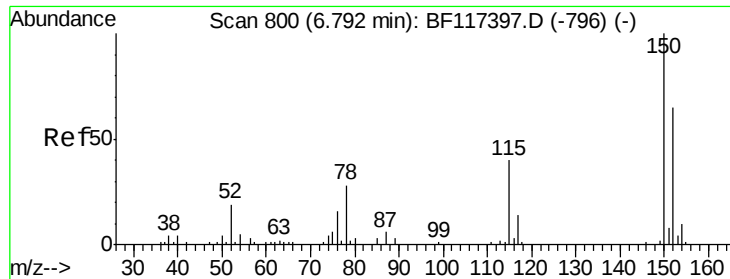
Manual Integrations
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 10/16/2019 8:09:59 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	28980	26.129	nq	94
43) 2,4,6-Trichlorophenol	9.07	196	94701	47.325	nq	97
44) 2,4,5-Trichlorophenol	9.13	196	95977	44.891	nq	98
46) 1,1'-Biphenyl	9.25	154	455800	50.887	nq	98
47) 2-Chloronaphthalene	9.28	162	350621	49.599	nq	99
48) 2-Nitroaniline	9.38	65	114120	50.330	nq	95
49) Acenaphthylene	9.69	152	518262	48.939	nq	98
50) Dimethylphthalate	9.55	163	391047	48.365	nq	99
51) 2,6-Dinitrotoluene	9.63	165	83265	50.564	nq	# 85
52) Acenaphthene	9.86	154	311901	49.685	nq	99
53) 3-Nitroaniline	9.80	138	101262	48.739	nq	91
54) 2,4-Dinitrophenol	9.92	184	36662	62.897	nq	95
55) Dibenzofuran	10.04	168	452731	48.880	nq	96
56) 4-Nitrophenol	9.97	139	44124	32.768	nq	90
57) 2,4-Dinitrotoluene	10.03	165	112174	52.478	nq	94
58) Fluorene	10.38	166	378111	50.679	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	74706	45.661	nq	99
60) Diethylphthalate	10.25	149	399224	50.188	nq	100
61) 4-Chlorophenyl-phenylether	10.37	204	170102	52.695	nq	97
62) 4-Nitroaniline	10.42	138	94669	43.815	nq	99
63) Azobenzene	10.53	77	406428	50.027	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	45027	59.353	nq	92
66) n-Nitrosodiphenylamine	10.49	169	322093	51.597	nq	97
67) 4-Bromophenyl-phenylether	10.86	248	96731	52.403	nq	97
68) Hexachlorobenzene	10.94	284	102705	50.869	nq	# 87
69) Atrazine	11.02	200	54076	35.265	nq	97
70) Pentachlorophenol	11.13	266	31336	33.111	nq	# 86
71) Phenanthrene	11.35	178	514646	50.128	nq	99
72) Anthracene	11.40	178	522341	49.834	nq	100
73) Carbazole	11.55	167	485554	48.804	nq	99
74) Di-n-butylphthalate	11.87	149	654338	55.278	nq	99
75) Fluoranthene	12.53	202	513078	48.638	nq	98
77) Benzidine	12.65	184	161039	41.168	nq	98
78) Pyrene	12.76	202	522034	51.233	nq	99
80) Butylbenzylphthalate	13.37	149	263475	54.724	nq	98
81) Benzo(a)anthracene	13.95	228	407748	50.257	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	120676	46.157	nq	98
83) Chrysene	13.99	228	405646	51.263	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	368503	59.361	nq	97
85) Di-n-octyl phthalate	14.54	149	559032	57.215	nq	100
86) Indeno(1,2,3-cd)pyrene	16.87	276	266115	46.096	nq	99
88) Benzo(b)fluoranthene	15.00	252	306740	51.323	nq	100
89) Benzo(k)fluoranthene	15.02	252	290267	51.270	nq	99
90) Benzo(a)pyrene	15.36	252	263835	50.306	nq	98
91) Dibenzo(a,h)anthracene	16.87	278	223295	53.445	nq	98
92) Benzo(g,h,i)perylene	17.30	276	212700	51.088	nq	95

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



#1

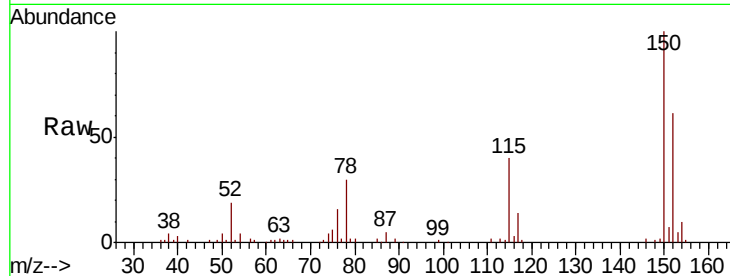
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.9	122.7	184.1
115	66.1	48.6	73.0

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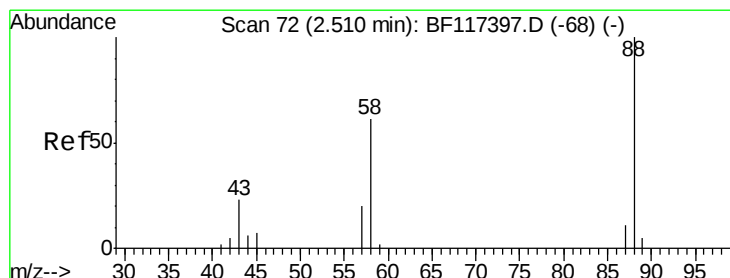
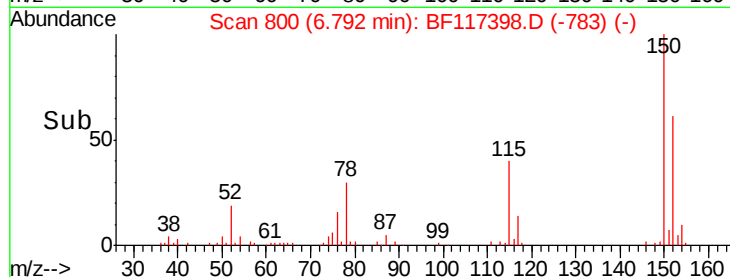
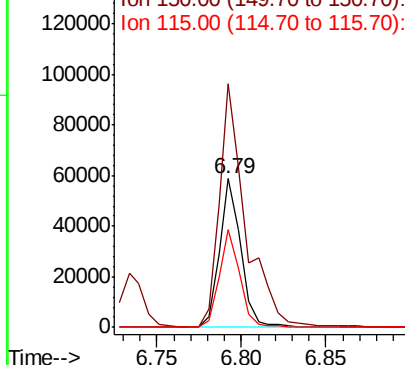


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

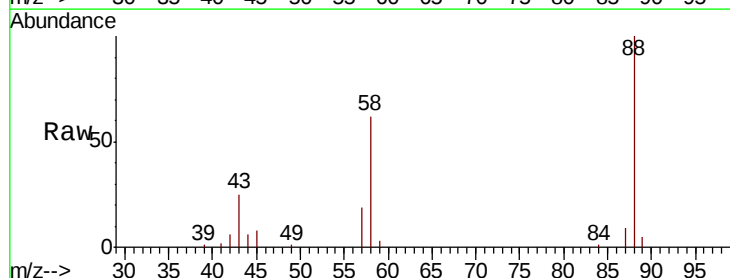
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 49.091 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.9	49.4	74.2
43	23.8	18.1	27.1

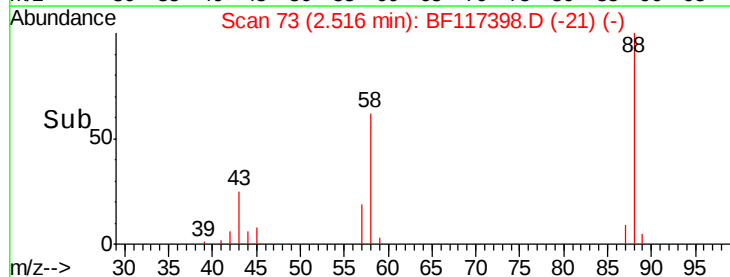
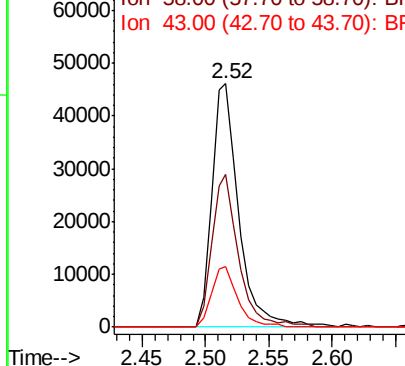


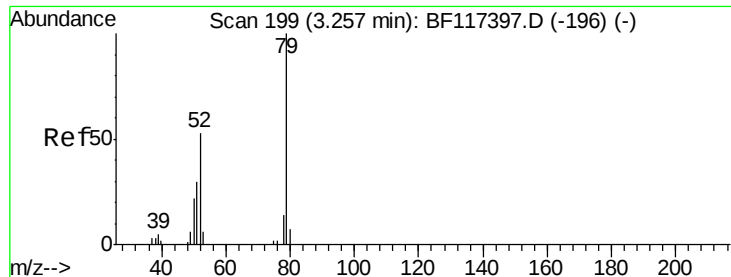
Abundance

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





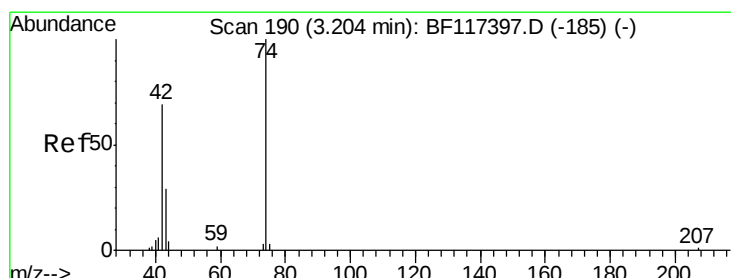
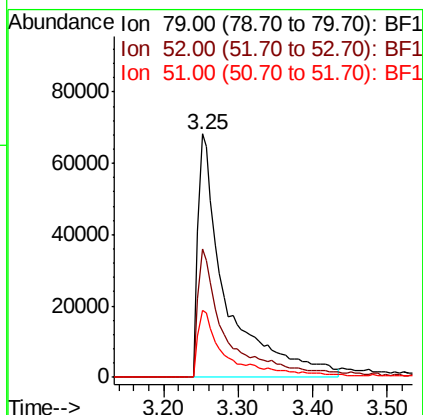
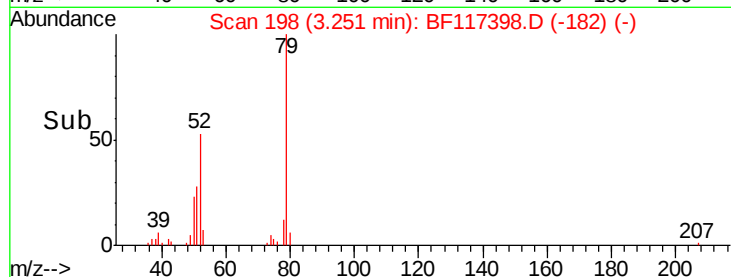
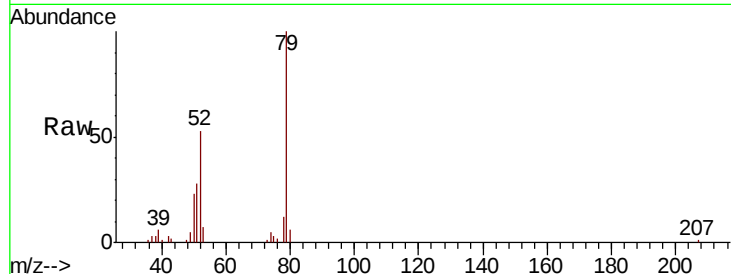
#3
 Pvridine
 Concen: 47.512 ng
 RT: 3.25 min Scan# 198
 Delta R.T. -0.01 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
79	100		
52	53.0	42.7	64.1
51	27.7	23.8	35.8

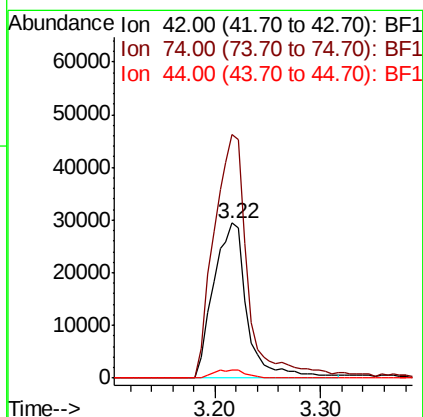
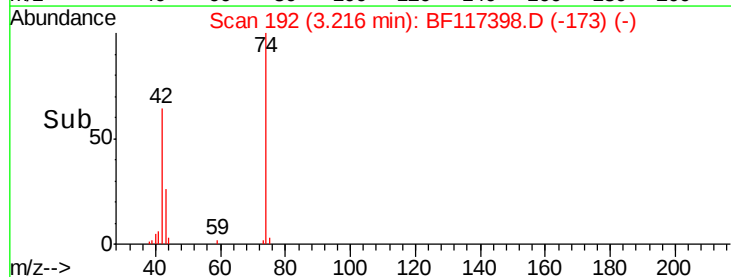
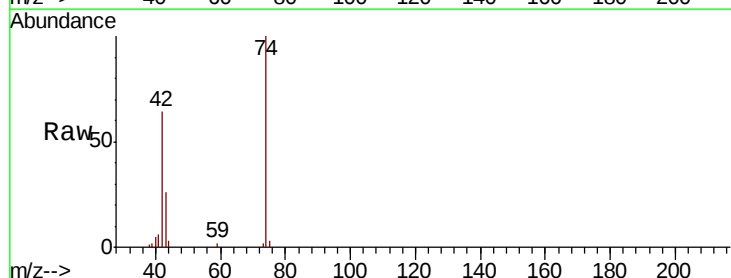
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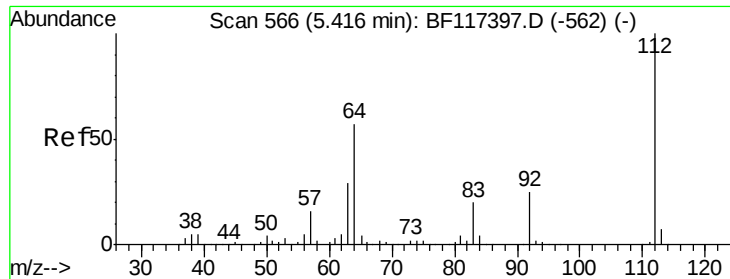
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#4
 n-Nitrosodimethylamine
 Concen: 49.595 ng
 RT: 3.22 min Scan# 192
 Delta R.T. 0.01 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	157.2	116.2	174.4
44	5.0	4.2	6.4





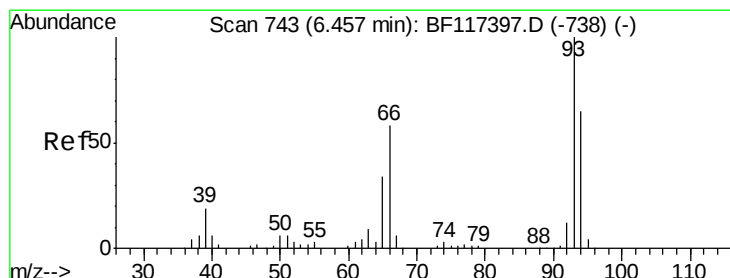
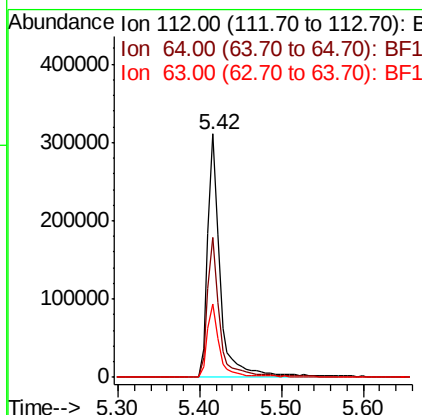
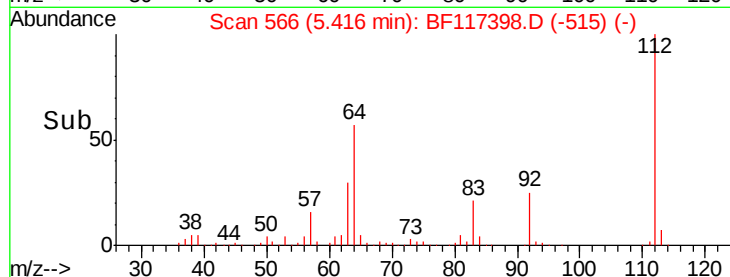
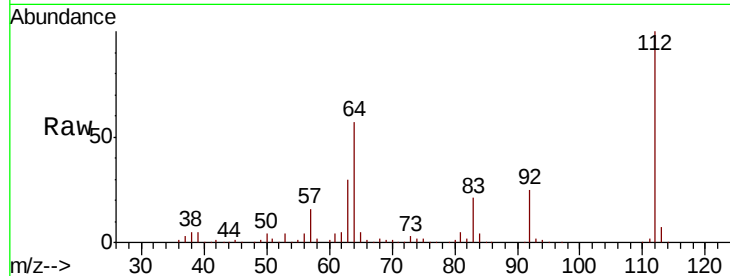
#5
2-Fluorophenol
Concen: 100.392 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	333942		
64	57.4	45.2	67.8	
63	30.2	23.4	35.2	

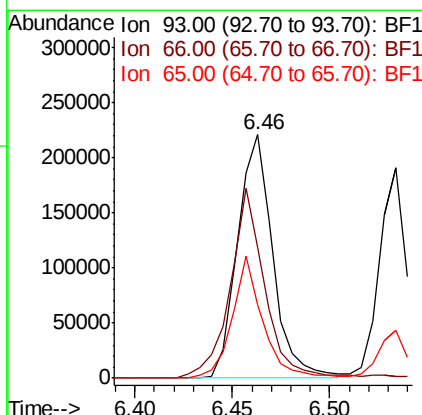
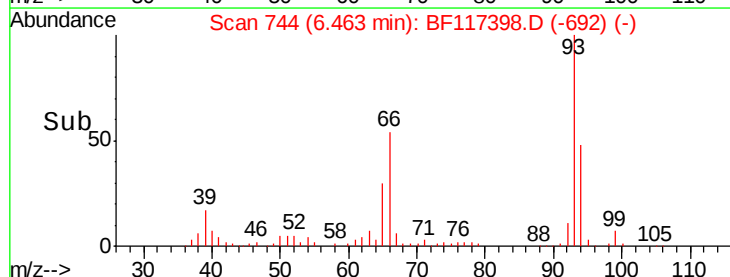
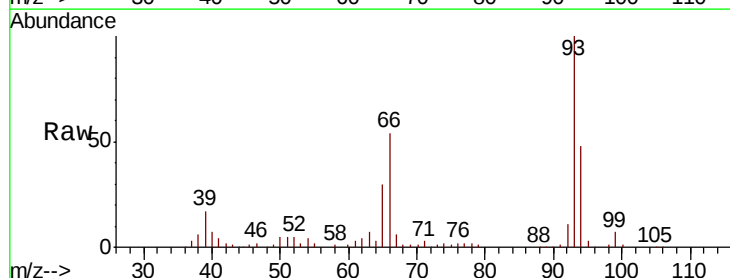
Manual Integrations
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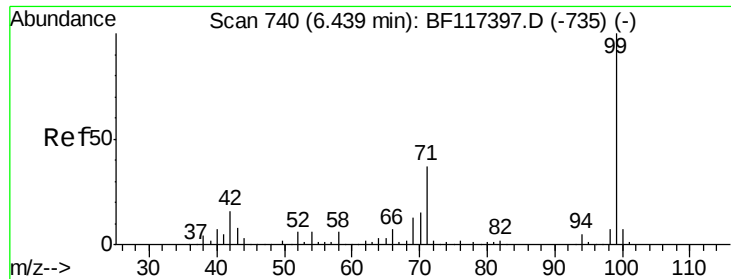
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#6
Aniline
Concen: 49.792 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	275590		
66	53.6	48.4	72.6	
65	30.2	27.8	41.6	





#7

Phenol-d6

Concen: 102.617 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

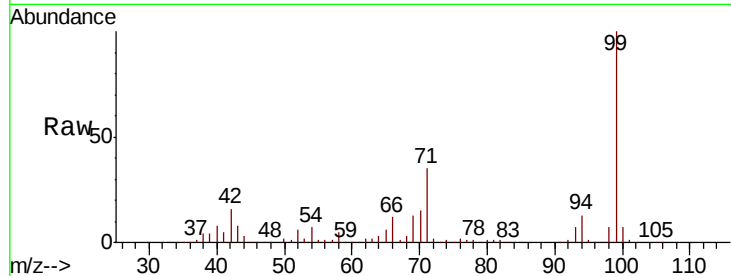
ClientSampleId :

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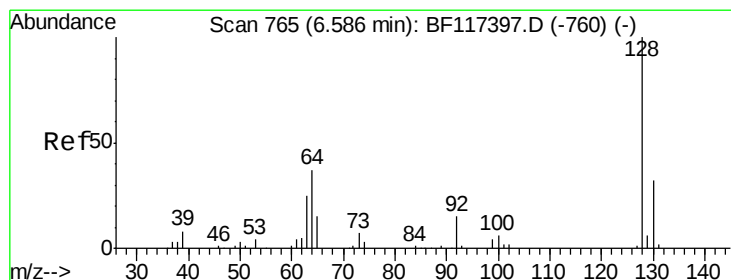
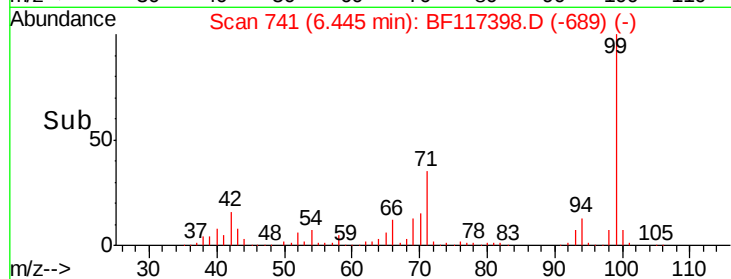
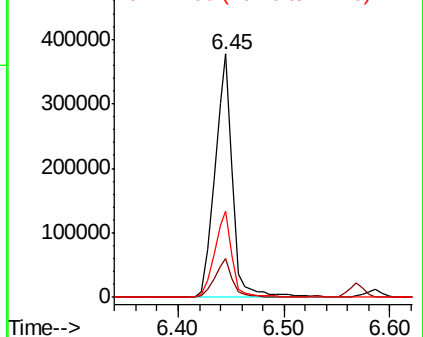
Tot Ion:	99	Resp:	441137
Ion Ratio	Lower	Upper	
99	100		
42	16.0	12.5	18.7
71	35.3	29.2	43.8

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



#8

2-Chlorophenol

Concen: 51.870 ng

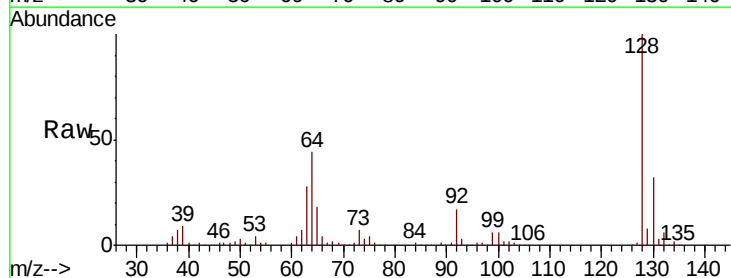
RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

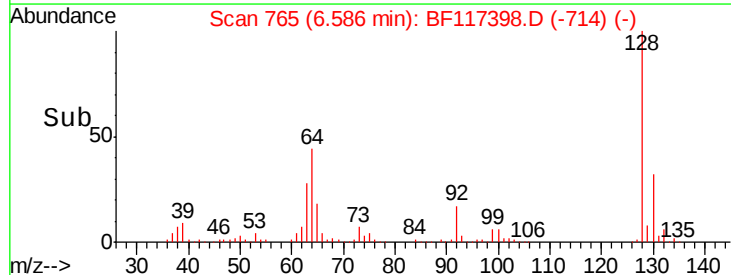
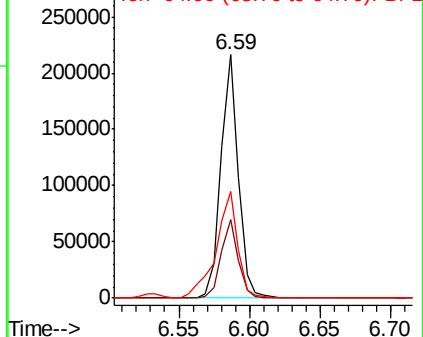
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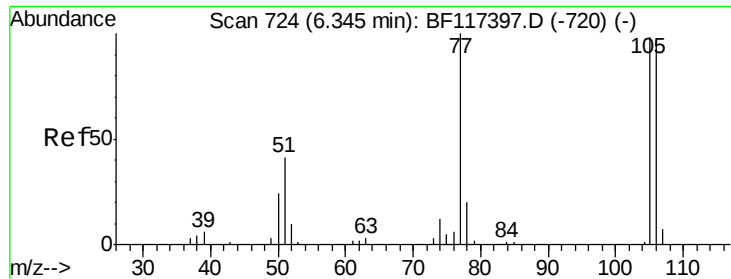
Acq: 14 Oct 2019 13:29

Tgt Ion:	128	Resp:	186136
Ion Ratio	Lower	Upper	
128	100		
130	32.0	11.7	51.7
64	44.1	20.4	60.4



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





#9

Benzaldehyde

Concen: 45.132 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

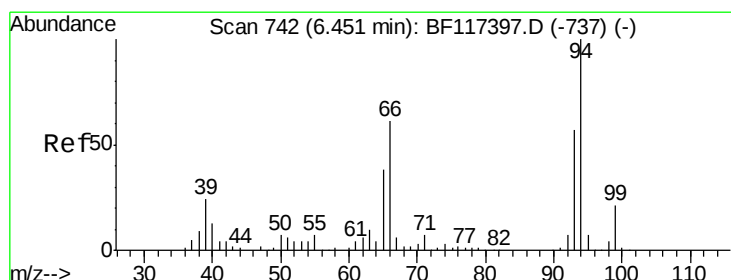
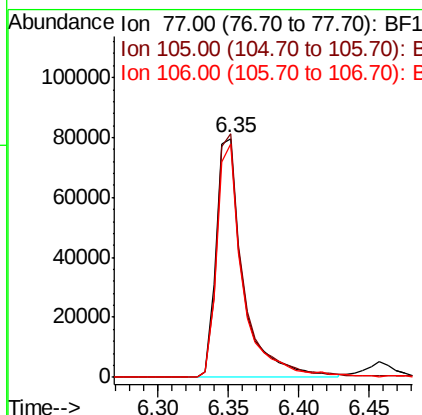
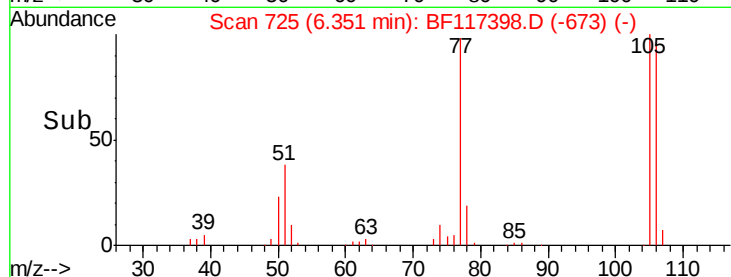
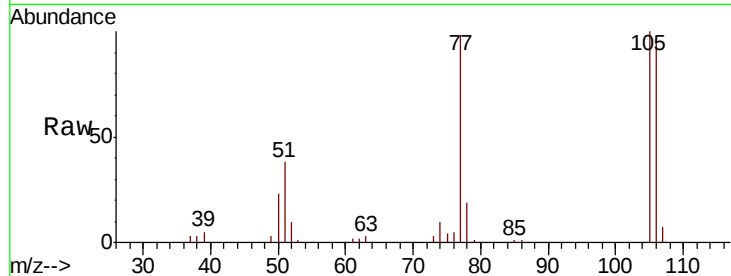
ClientSampleID :

SSTDIC050

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.0	77.9	117.9
106	97.7	77.2	117.2

Manual Integrations
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#10

Phenol

Concen: 50.682 ng

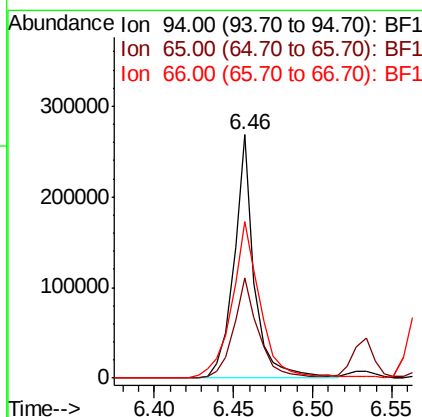
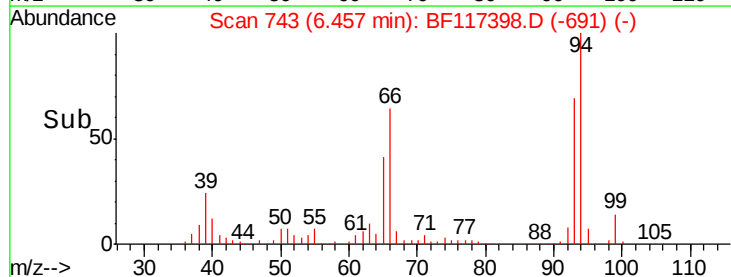
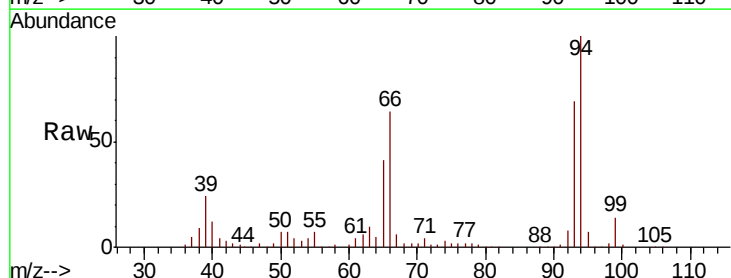
RT: 6.46 min Scan# 743

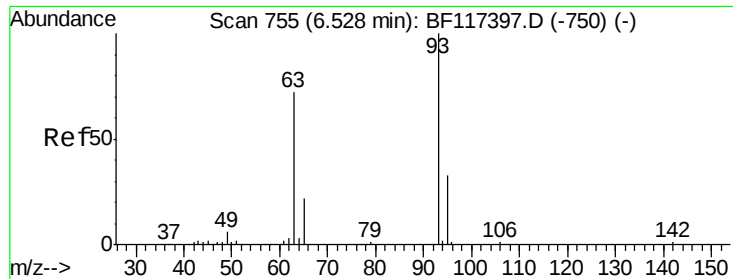
Delta R.T. 0.01 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
94	100		
65	41.1	18.2	58.2
66	64.3	41.1	81.1





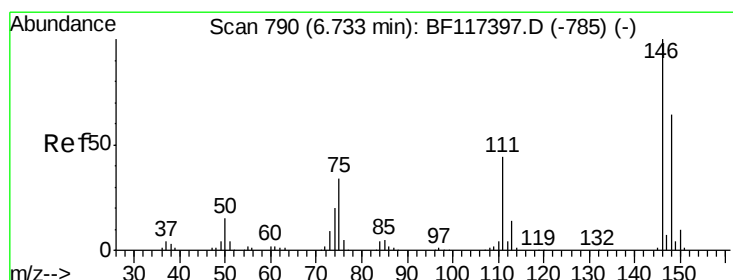
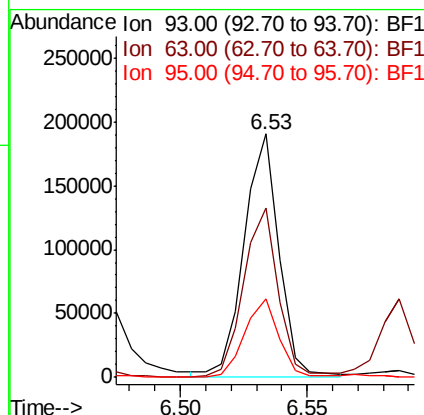
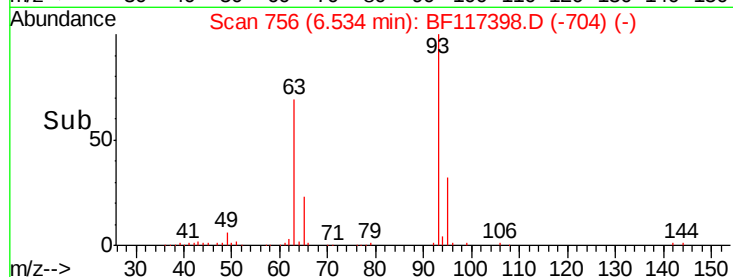
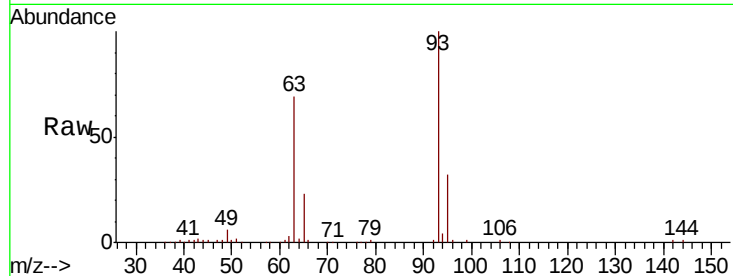
#11
bis(2-Chloroethyl)ether
Concen: 52.912 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:	93	Resp:	184299
Ion Ratio	Lower	Upper	
93	100		
63	69.4	50.9	90.9
95	32.1	12.4	52.4

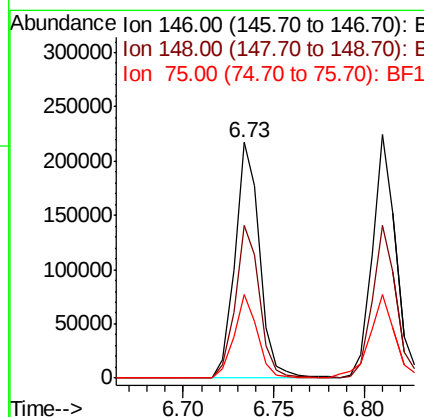
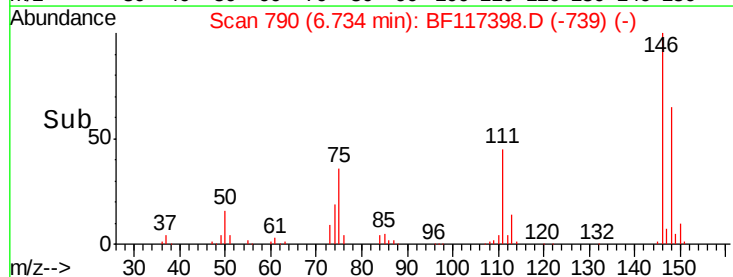
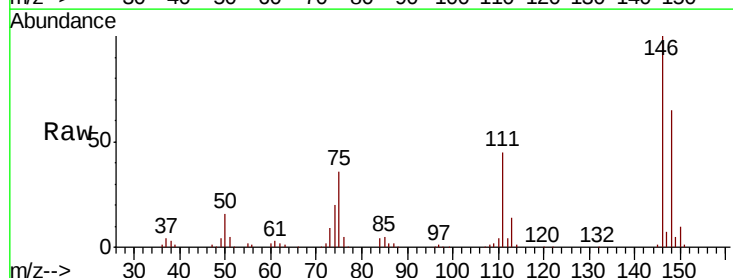
Manual Integrations
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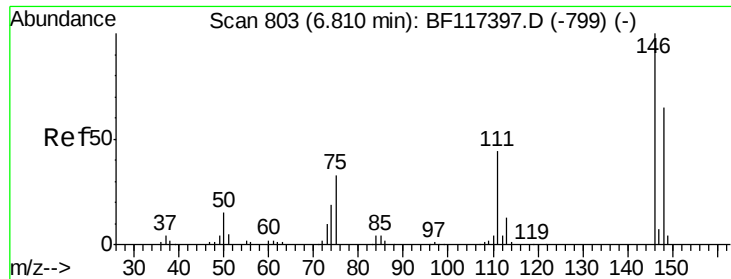
mohammad
10/16/2019 8:09:59 AM



#12
1,3-Dichlorobenzene
Concen: 51.114 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion:	146	Resp:	205827
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.0	76.6
75	35.6	27.4	41.2





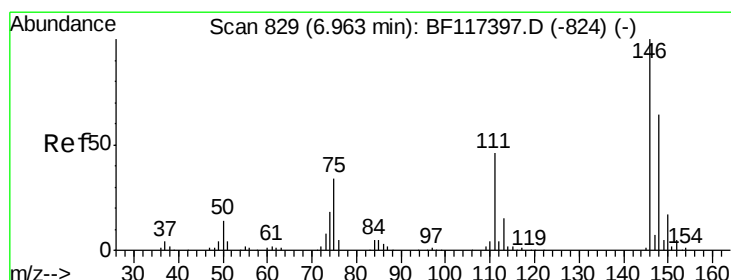
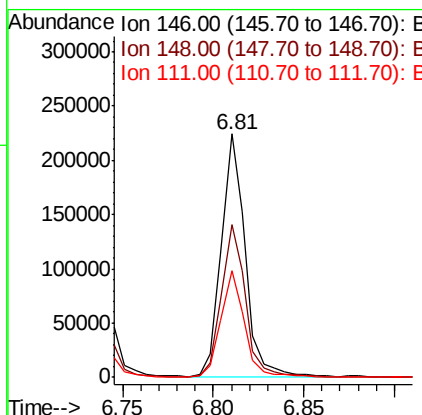
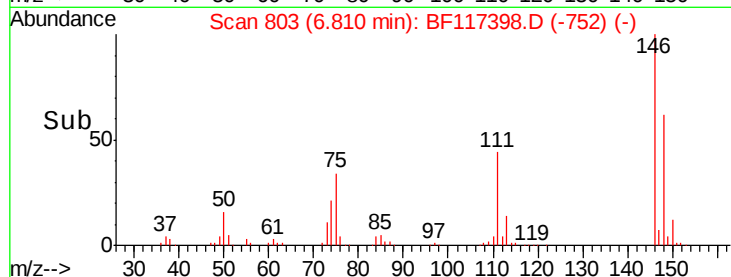
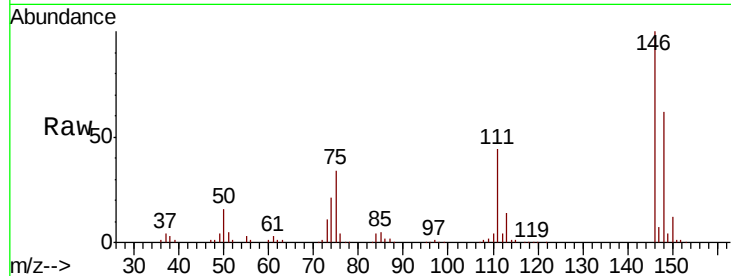
#13
1,4-Dichlorobenzene
Concen: 49.814 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.2	78.2
111	43.8	35.7	53.5

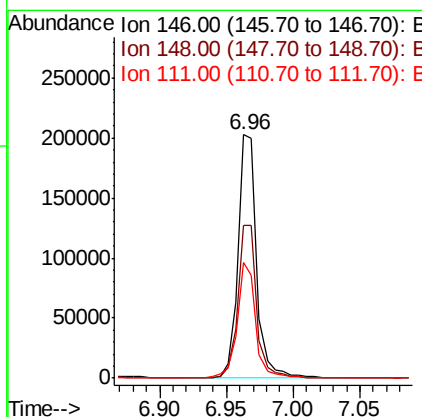
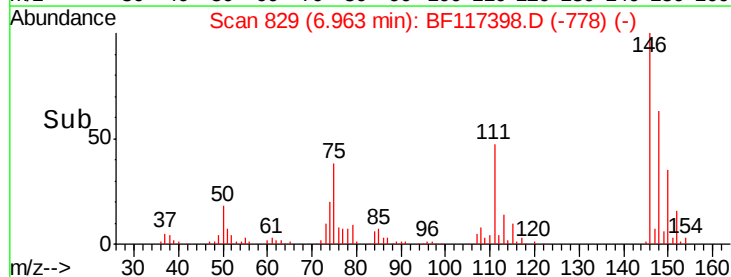
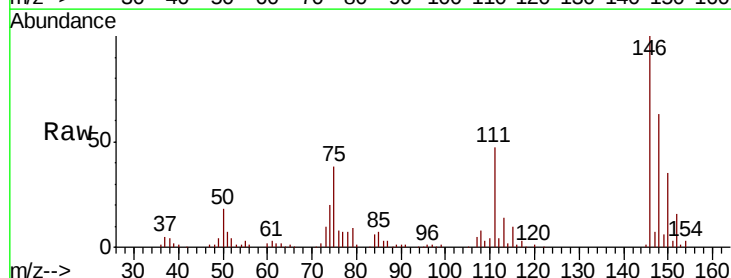
Manual Integrations
APPROVED

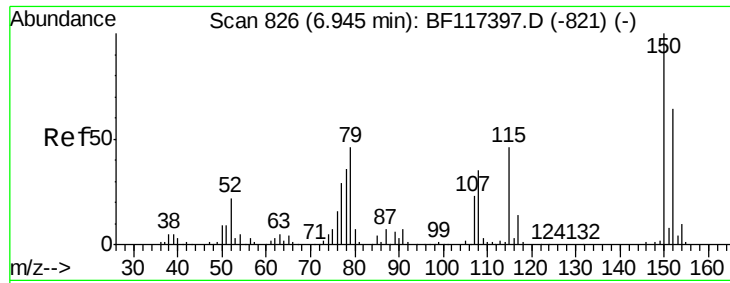
mohammad
10/16/2019 8:09:59 AM



#14
1,2-Dichlorobenzene
Concen: 52.147 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.0	76.6
111	47.4	36.5	54.7





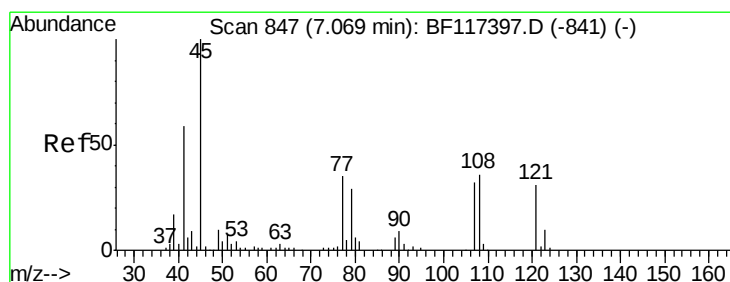
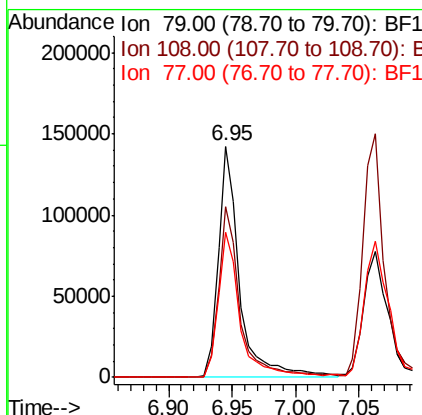
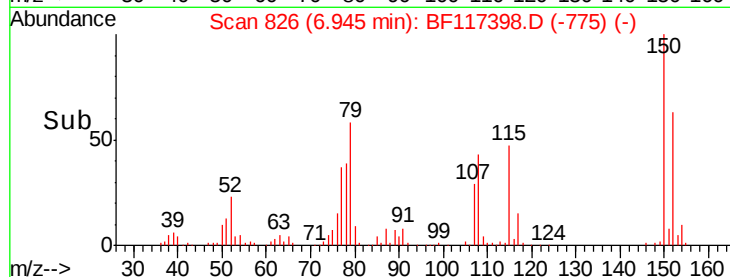
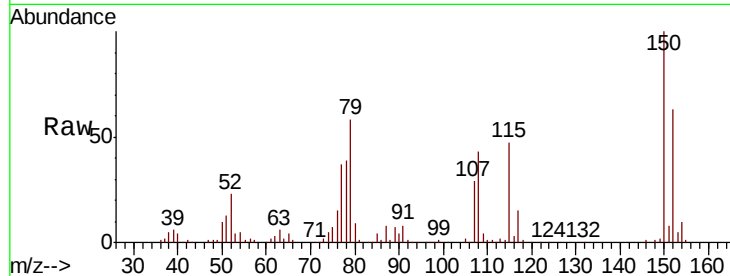
#15
Benzyl Alcohol
Concen: 50.778 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.0	60.4	90.6
77	63.1	50.6	76.0

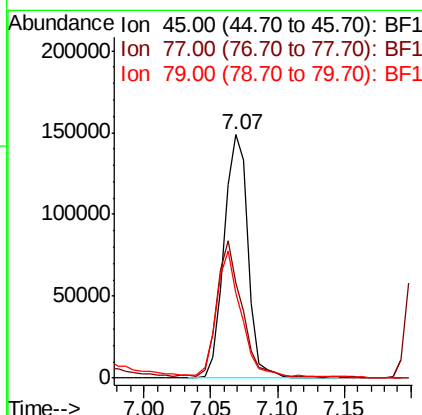
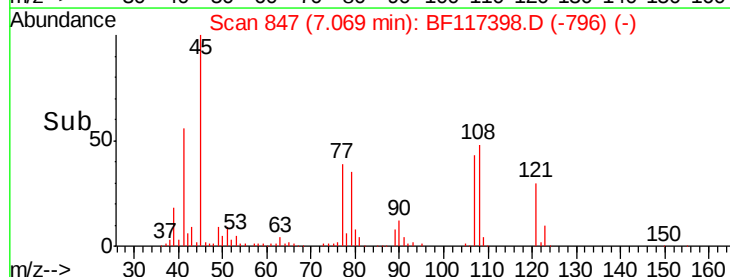
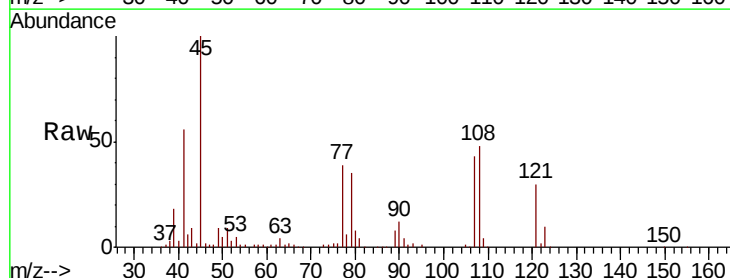
Manual Integrations
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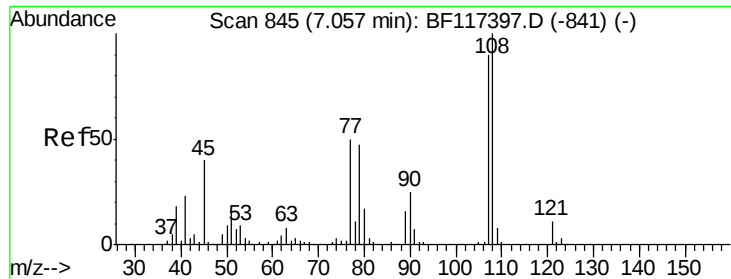
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.857 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	39.2	15.9	55.9
79	34.8	10.7	50.7





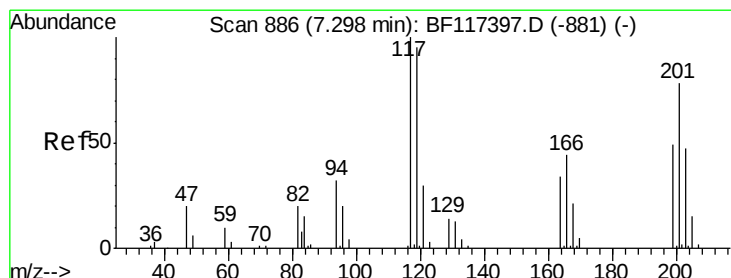
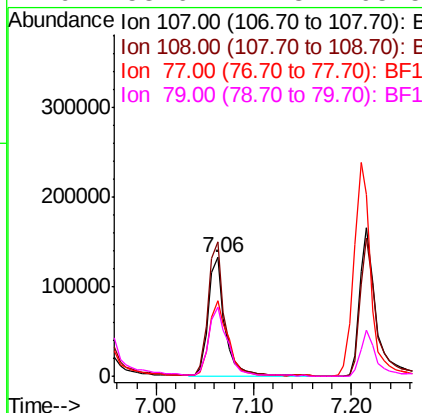
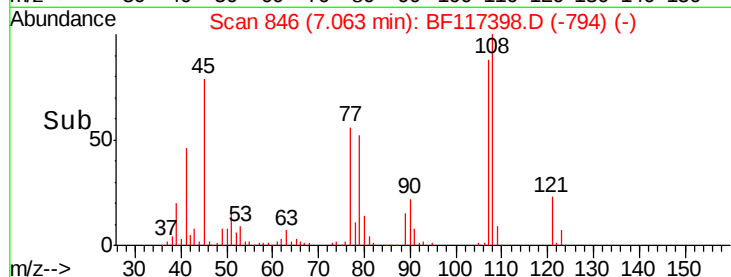
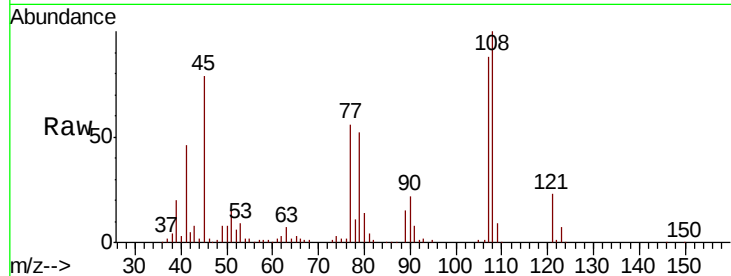
#17
2-Methylphenol
Concen: 51.883 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	89.4	134.2	
77	63.6	45.1	67.7	
79	58.6	42.3	63.5	

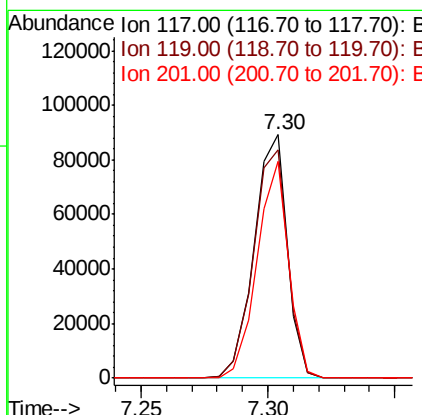
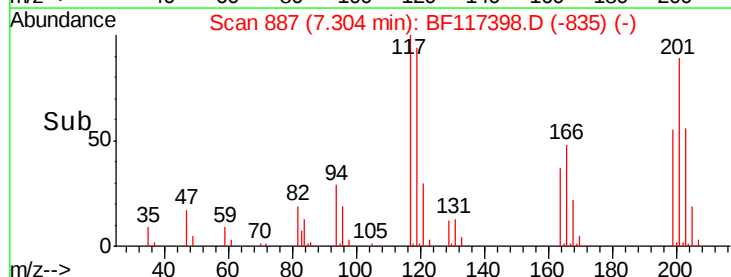
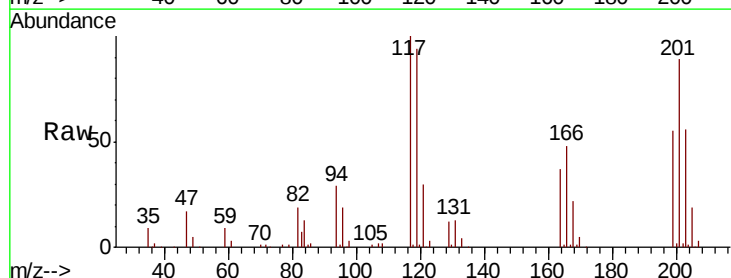
Manual Integrations
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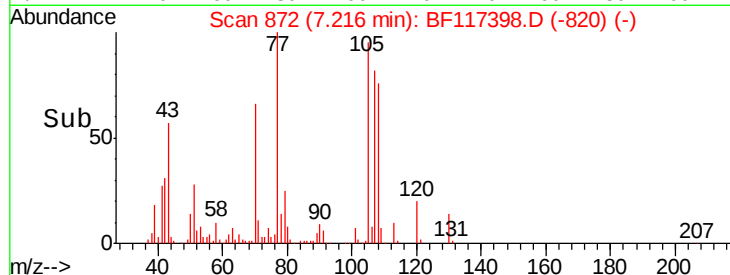
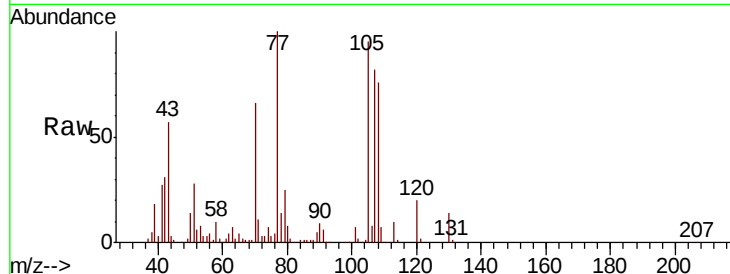
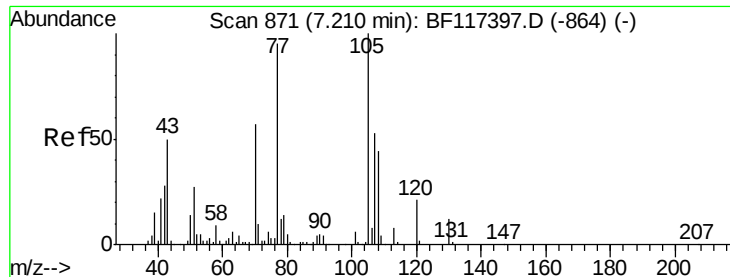
mohammad
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#18
Hexachloroethane
Concen: 51.591 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.7	75.7	113.5	
201	89.0	62.2	93.4	





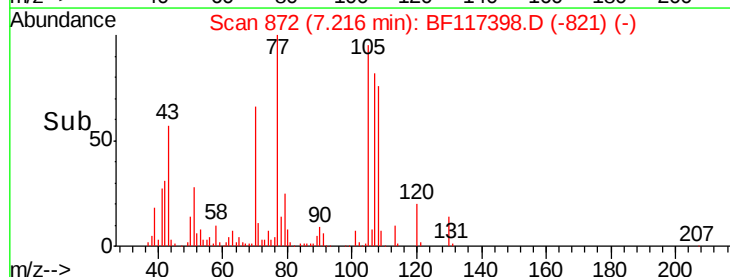
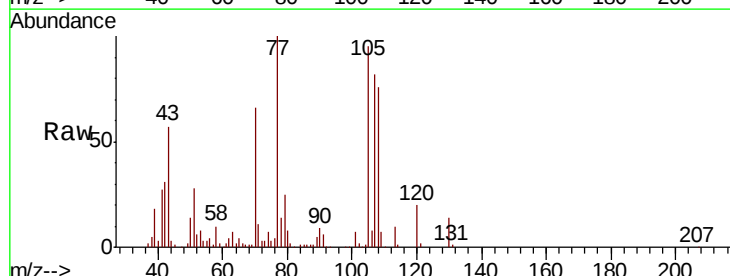
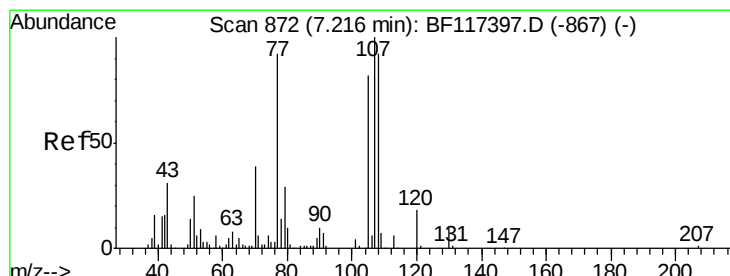
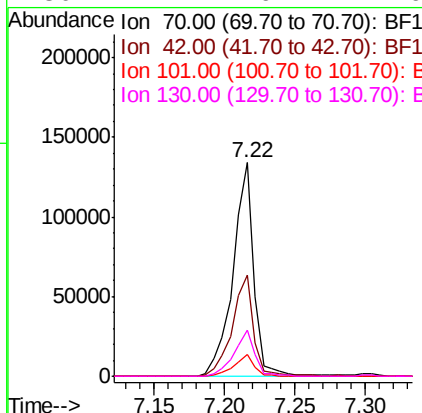
#19
n-Nitroso-di-n-propylamine
Concen: 52.995 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.3	39.8	59.8
101	10.3	8.1	12.1
130	21.7	16.4	24.6

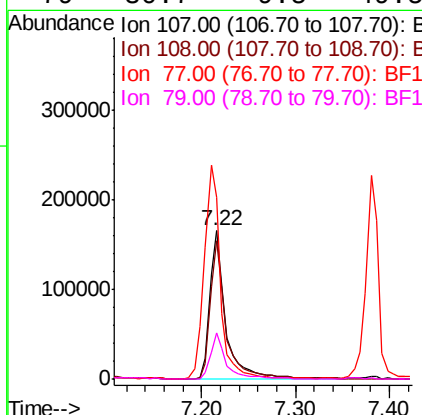
Manual Integrations
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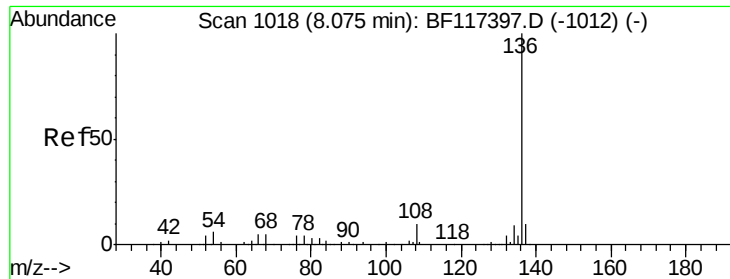
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#20
3+4-Methylphenols
Concen: 52.278 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.9	71.8	111.8
77	122.1	72.7	112.7#
79	30.7	9.5	49.5





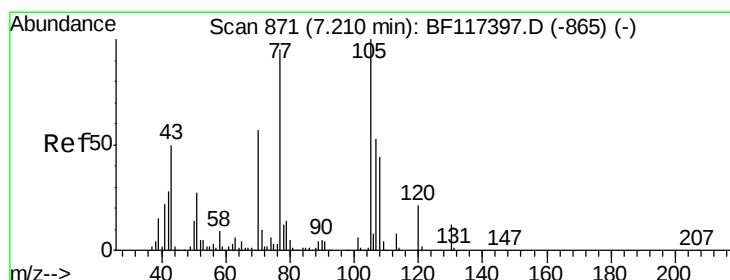
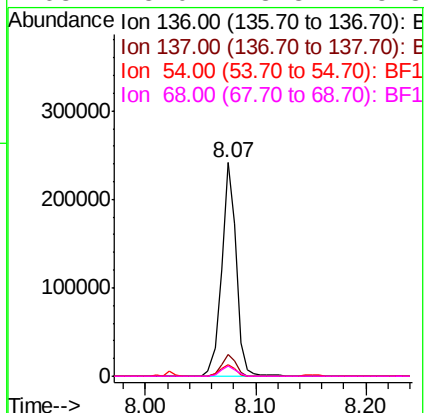
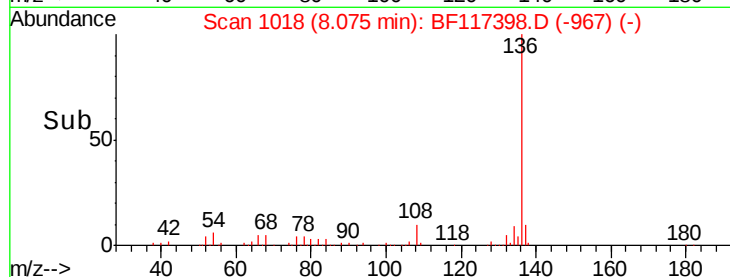
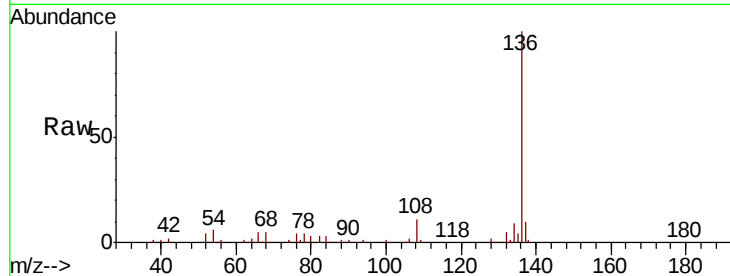
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
136	100	222638		
137	10.4		8.4	12.6
54	5.7		4.6	6.8
68	5.0		3.8	5.8

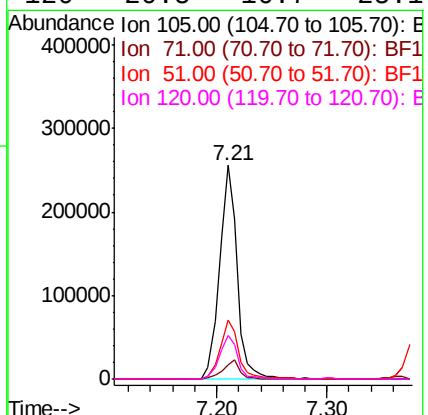
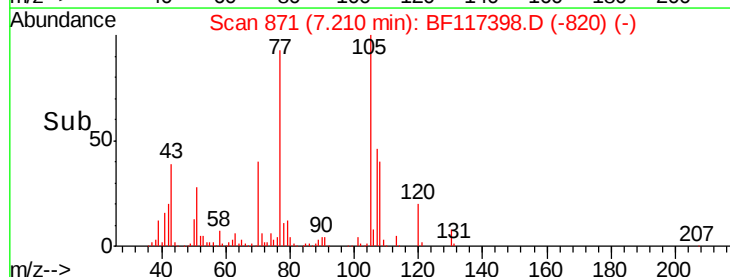
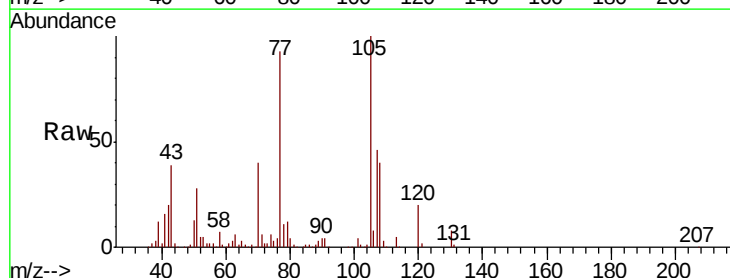
Manual Integrations
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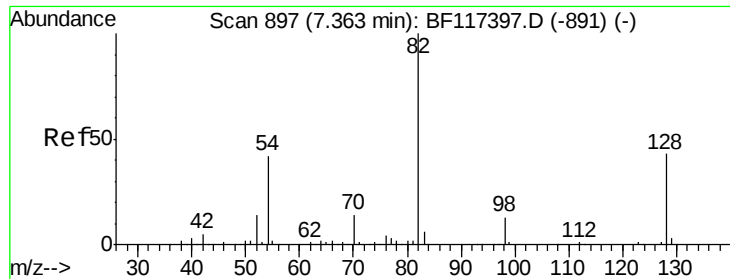
mohammad
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#22
Acetophenone
Concen: 50.306 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	284558		
71	6.4		7.8	11.6#
51	27.7		21.5	32.3
120	20.5		16.7	25.1





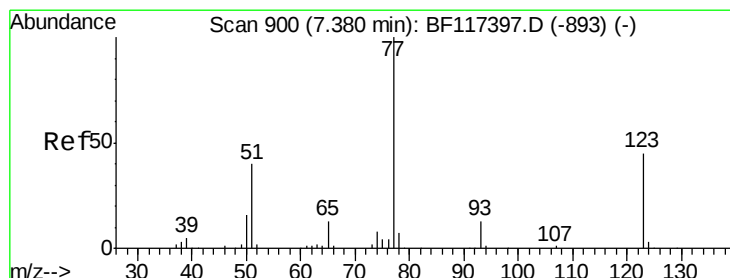
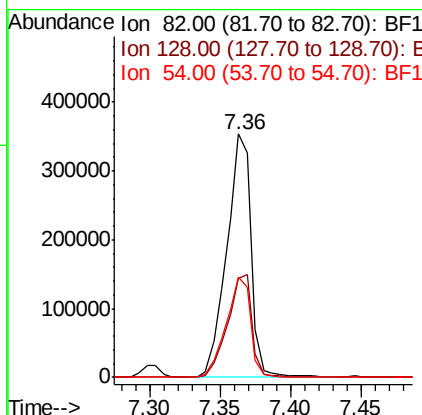
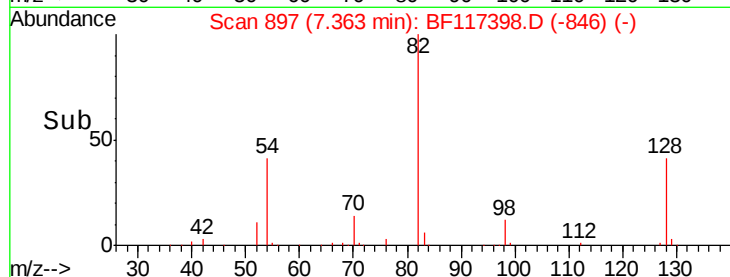
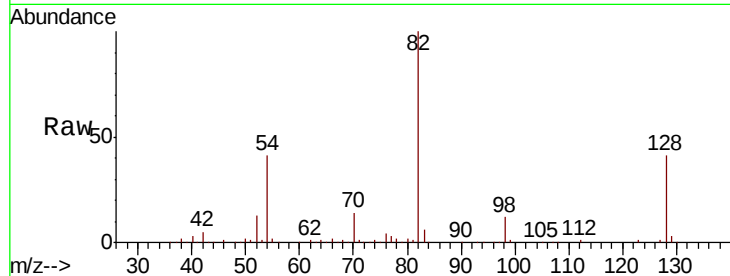
#23
Nitrobenzene-d5
Concen: 100.068 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.7	34.1	51.1	
54	41.4	33.3	49.9	

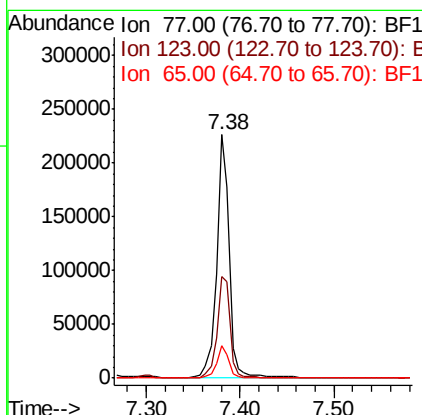
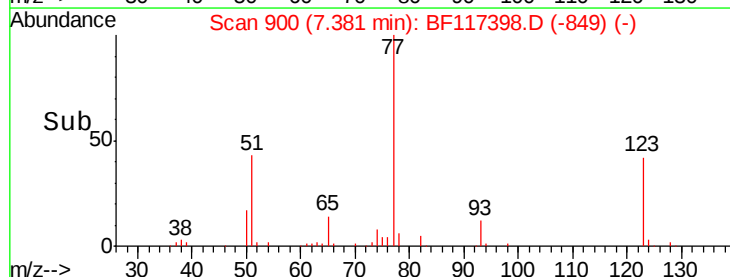
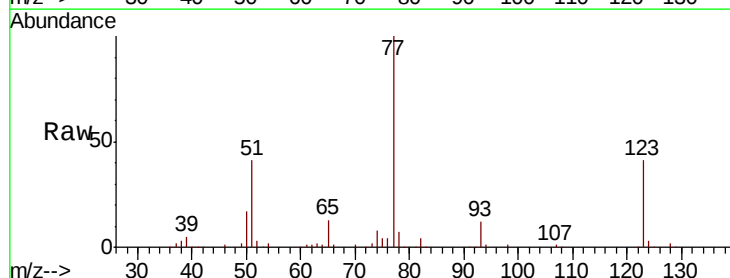
Manual Integrations
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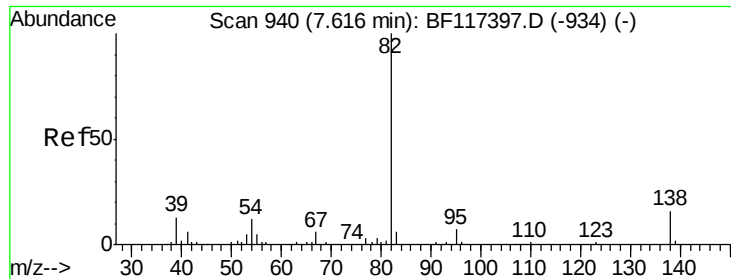
mohammad
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#24
Nitrobenzene
Concen: 50.626 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.5	35.8	53.8	
65	13.2	10.1	15.1	





#25

Isophorone

Concen: 50.498 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

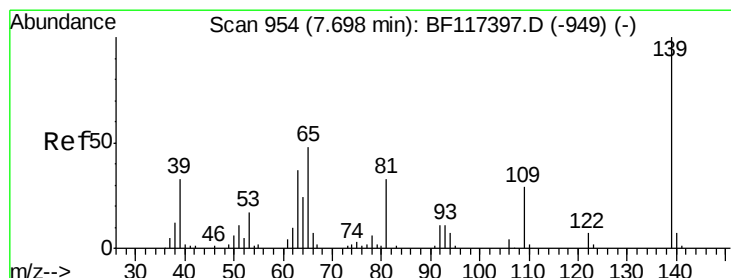
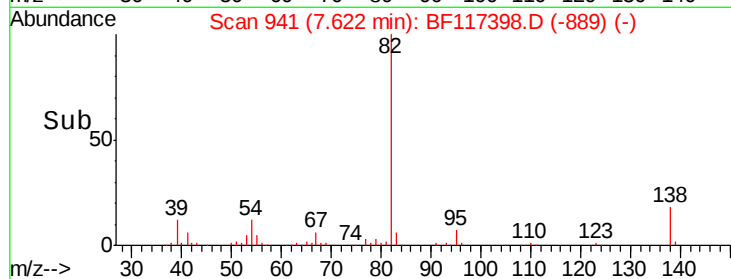
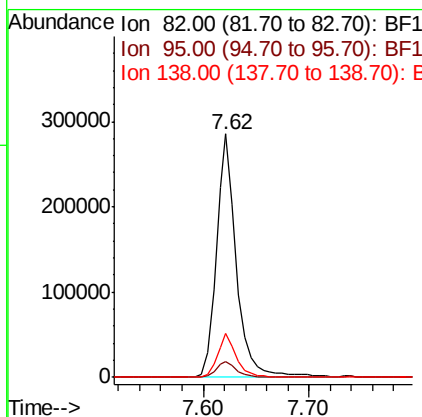
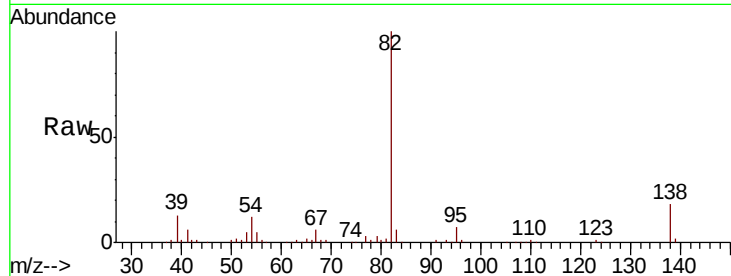
ClientSampleId :

SSTDIC050

Tot Ion:	82	Resp:	378862
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.4	8.0
138	17.8	13.0	19.4

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#26

2-Nitrophenol

Concen: 53.569 ng

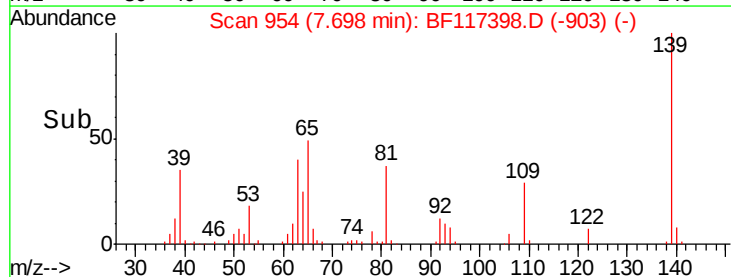
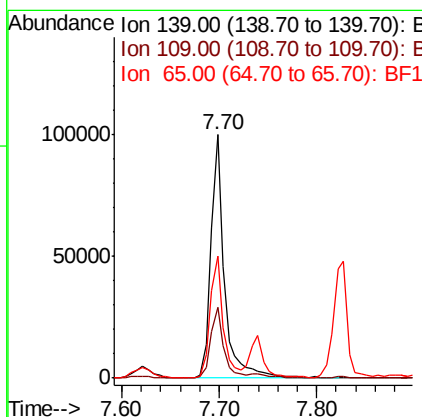
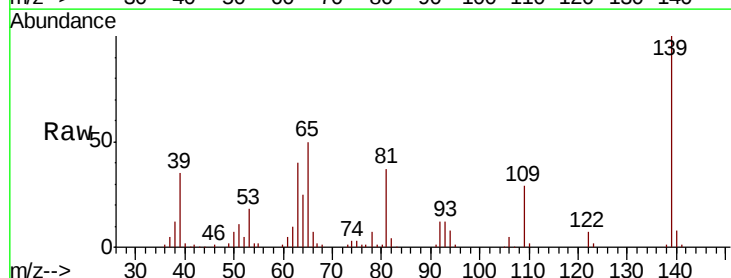
RT: 7.70 min Scan# 954

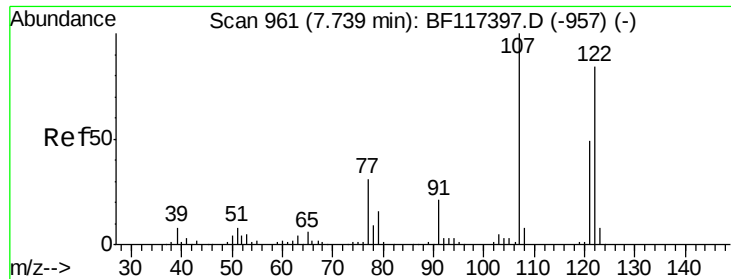
Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Tgt Ion:	139	Resp:	96285
Ion Ratio	Lower	Upper	
139	100		
109	28.9	23.1	34.7
65	50.1	38.2	57.4





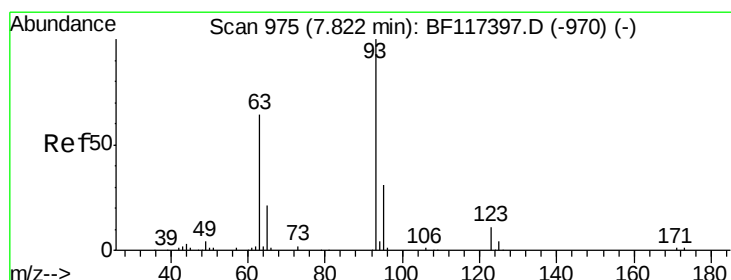
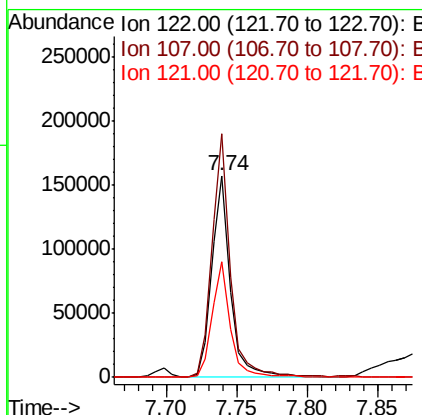
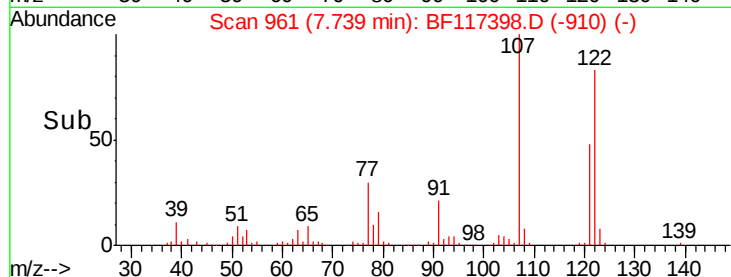
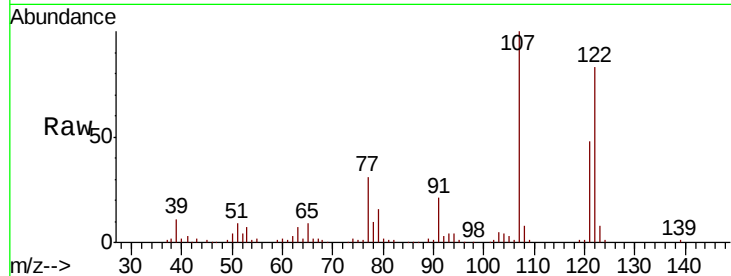
#27
2,4-Dimethylphenol
Concen: 50.168 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	120.7	95.0	142.6		
121	57.4	46.6	69.8		

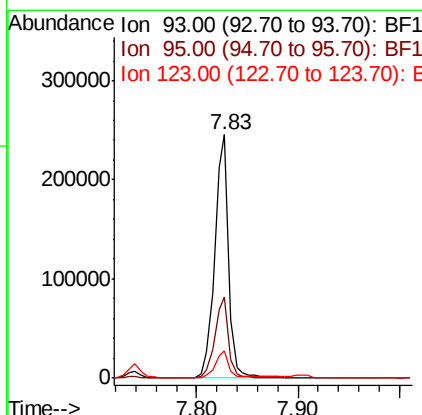
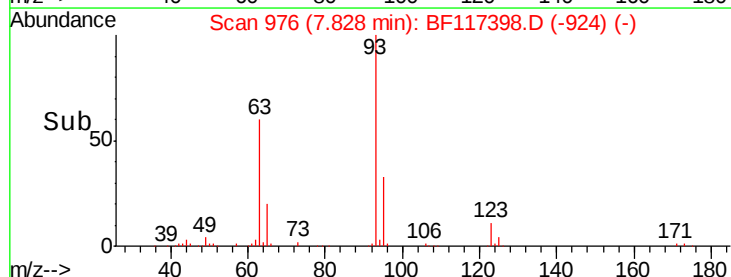
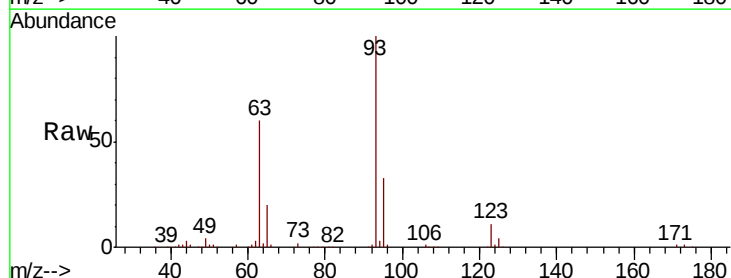
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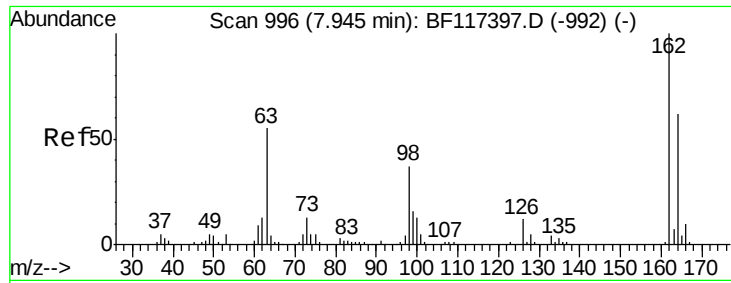
mohammad
10/16/2019 8:09:59 AM



#28
bis(2-Chloroethoxy)methane
Concen: 50.893 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.1	25.1	37.7		
123	11.3	8.6	12.8		





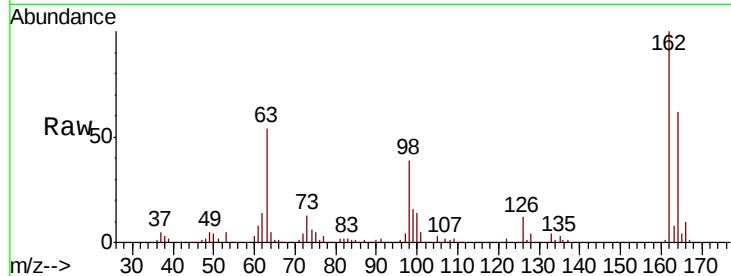
#29
2,4-Dichlorophenol
Concen: 50.716 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
162	100	151469		
164	62.2		42.2	82.2
98	39.1		17.4	57.4

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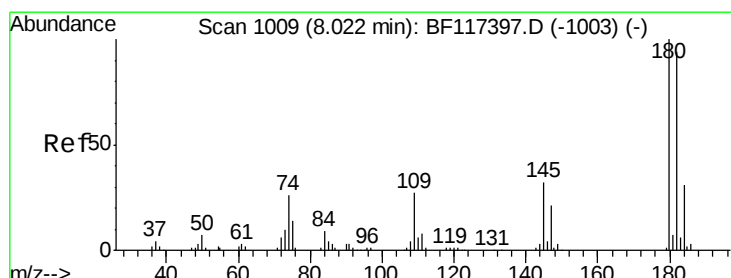
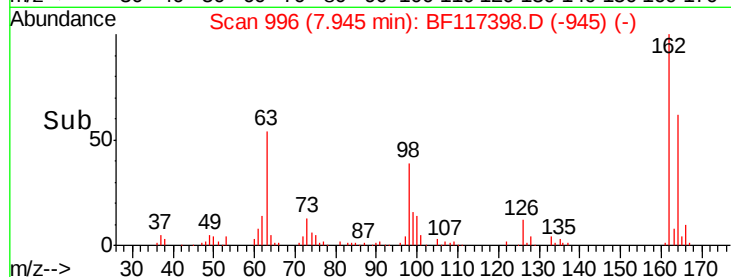
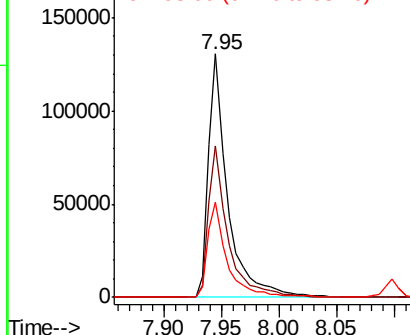


Abundance

Ion 162.00 (161.70 to 162.70): E

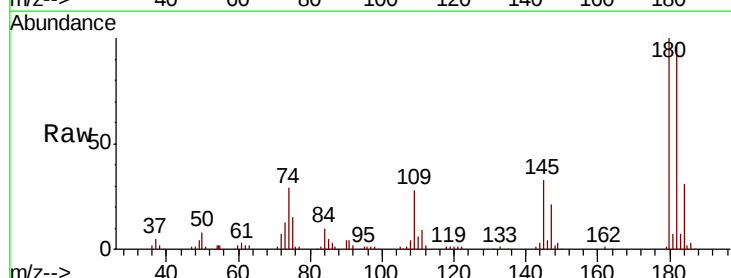
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 49.694 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	160345		
182	96.9		75.4	113.2
145	33.3		25.5	38.3

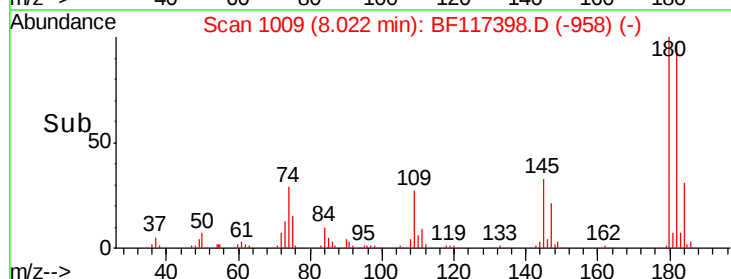
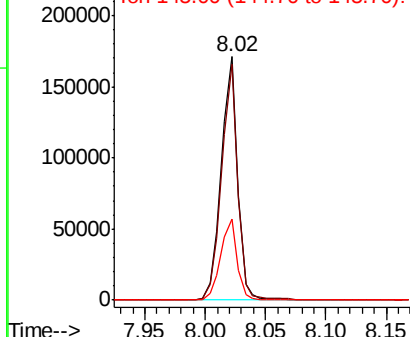


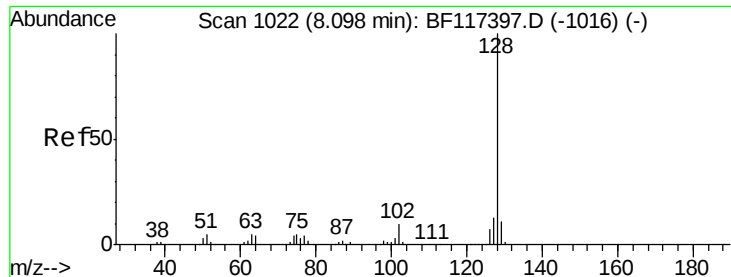
Abundance

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





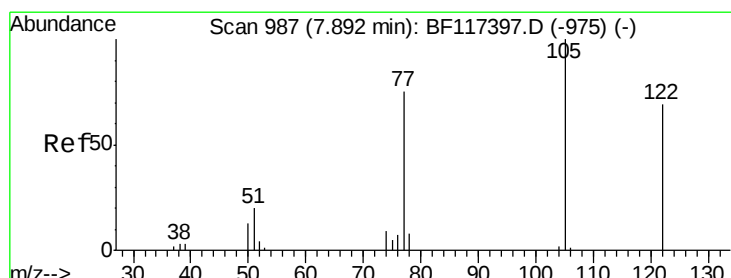
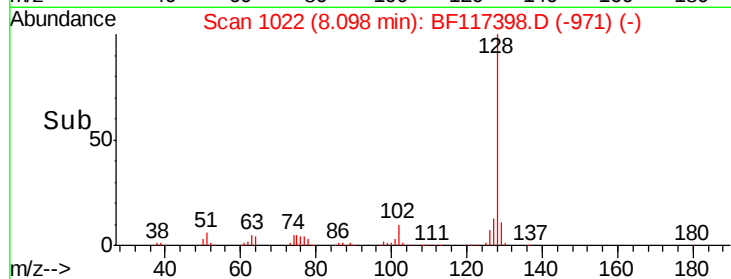
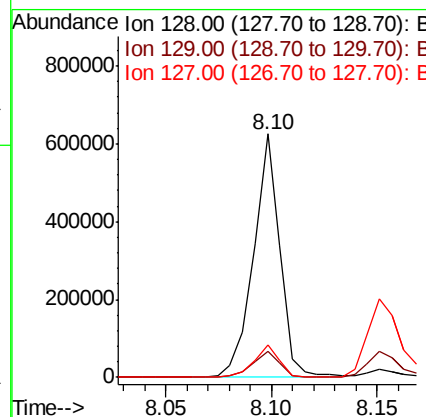
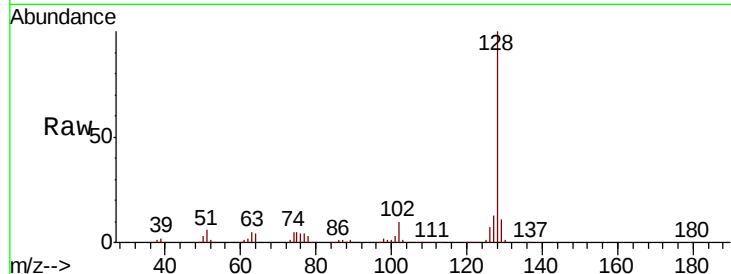
#31
Naphthalene
Concen: 50.790 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.4	10.4	15.6

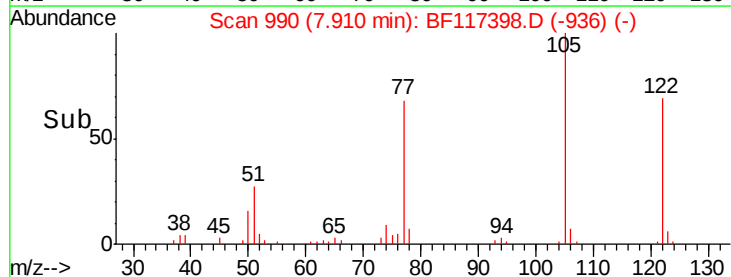
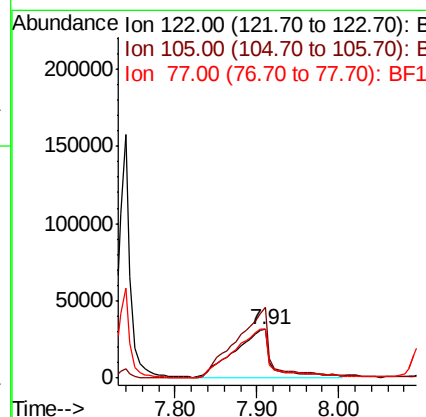
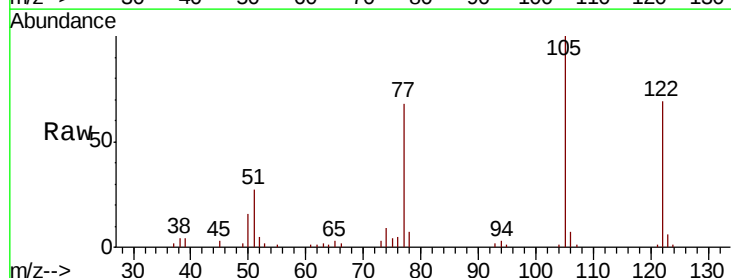
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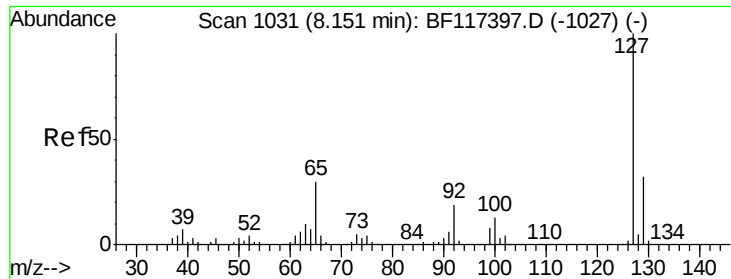
mohammad
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#32
Benzoic acid
Concen: 48.543 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.02 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	145.8	121.5	161.5
77	99.8	88.3	128.3





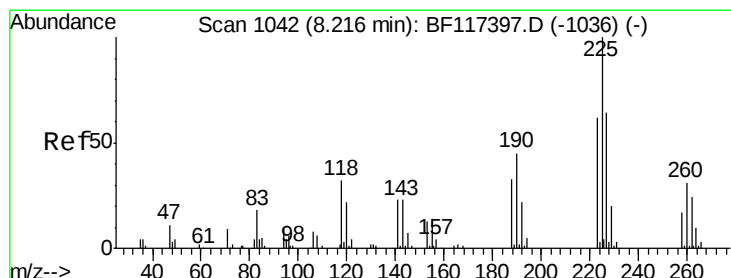
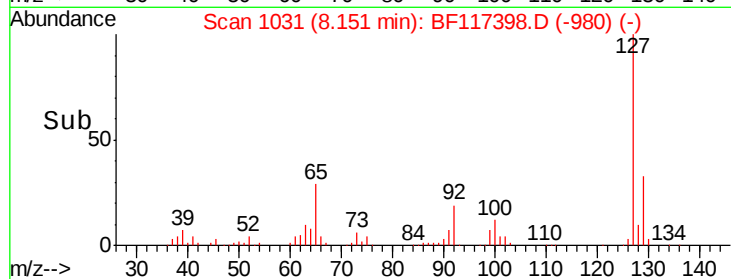
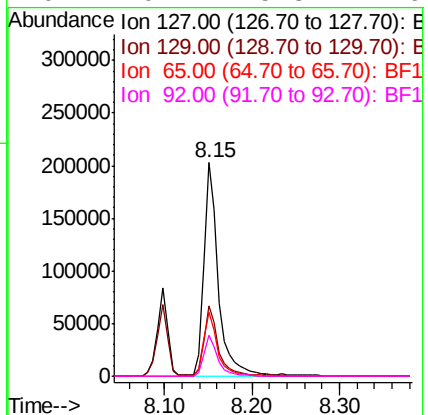
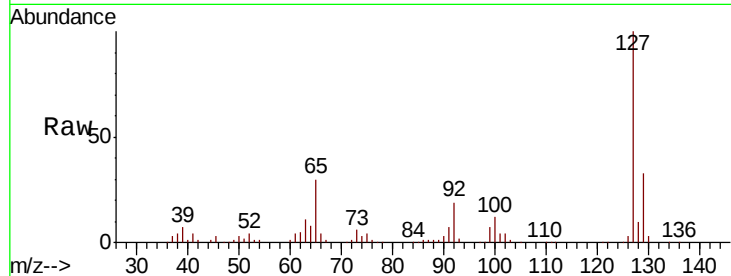
#33
4-Chloroaniline
Concen: 49.251 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		233899		
129	32.9	25.4	38.0		
65	29.9	23.8	35.8		
92	19.1	15.3	22.9		

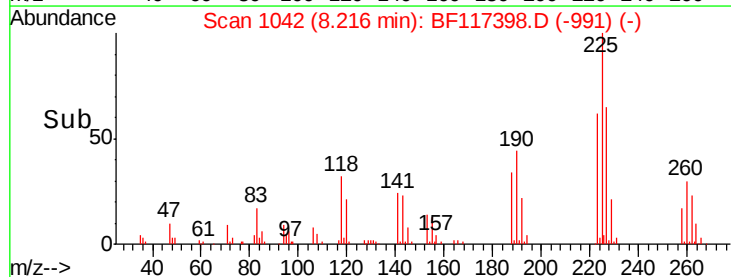
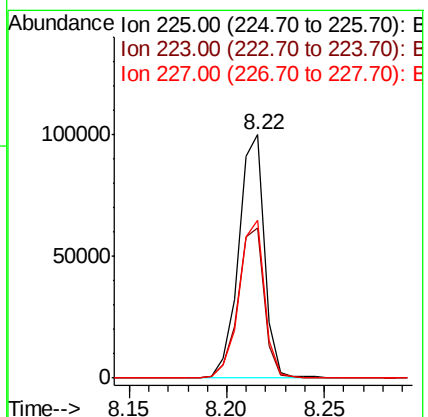
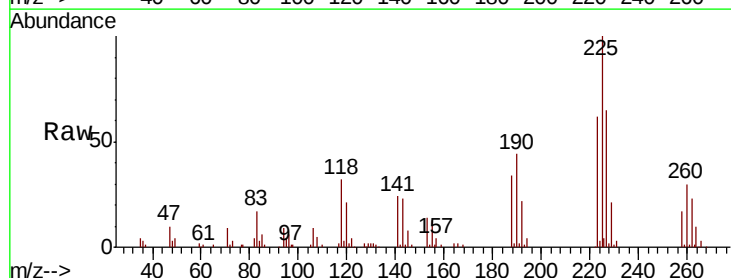
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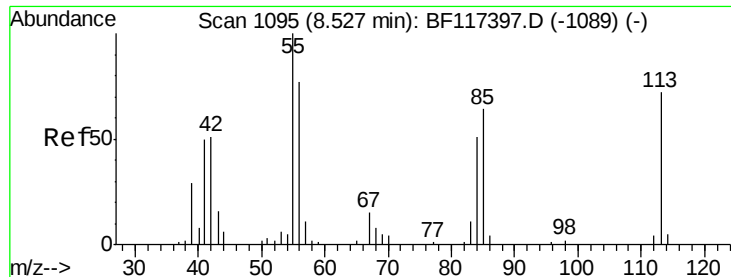
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#34
Hexachlorobutadiene
Concen: 49.915 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		91376		
223	61.7	49.7	74.5		
227	64.7	50.9	76.3		





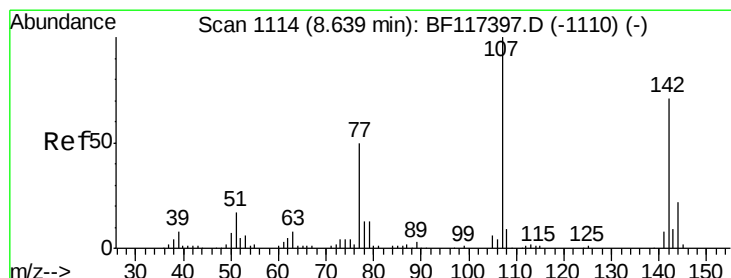
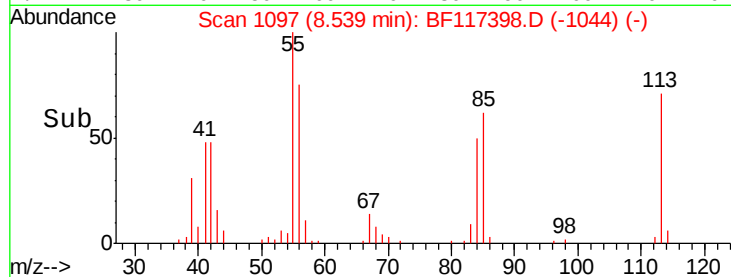
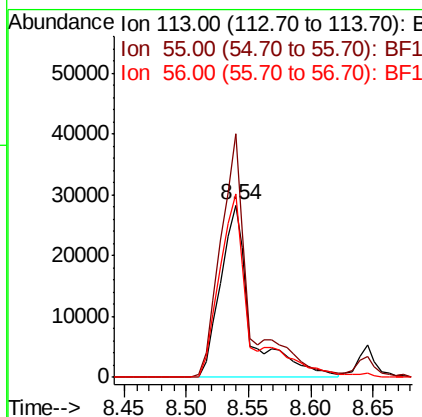
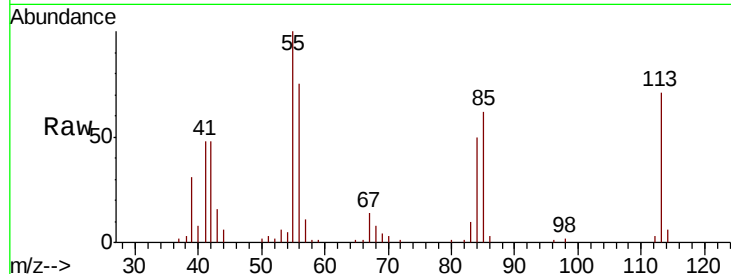
#35
Caprolactam
Concen: 47.435 ng/ml
RT: 8.54 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleID :
SSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	141.2	118.5	158.5	
56	106.5	86.7	126.7	

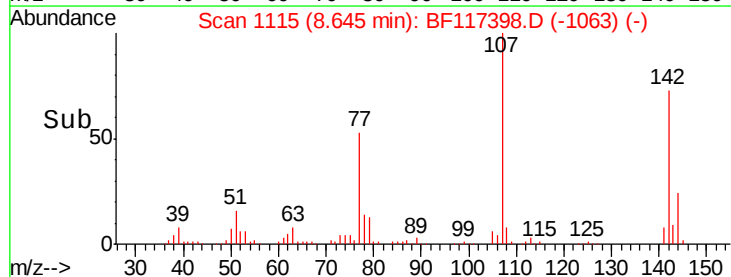
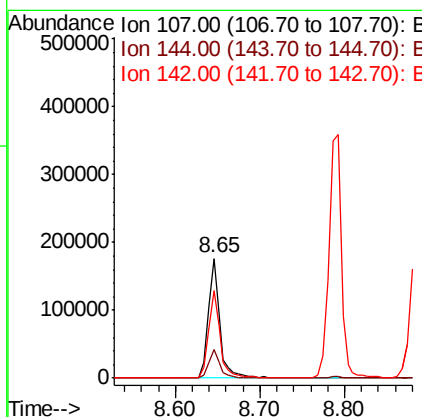
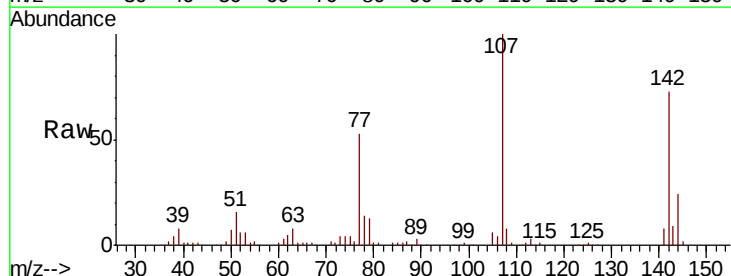
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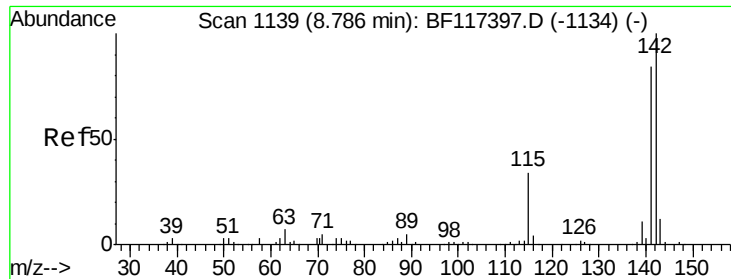
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 48.589 ng/ml
RT: 8.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	23.5	17.9	26.9	
142	72.9	56.9	85.3	





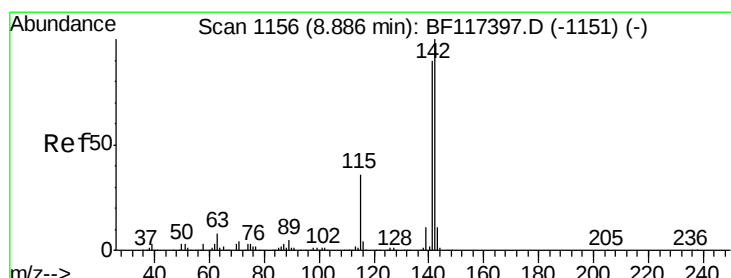
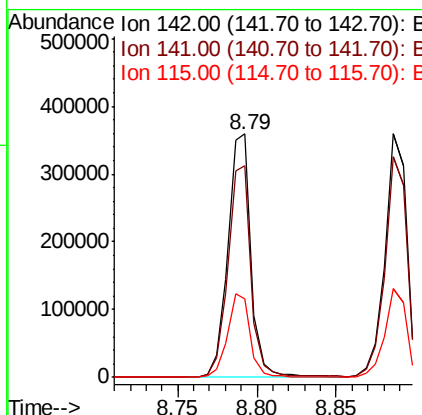
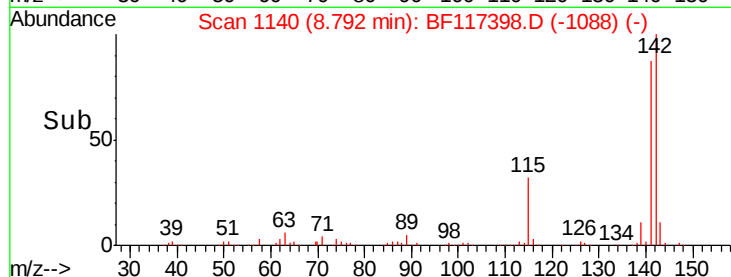
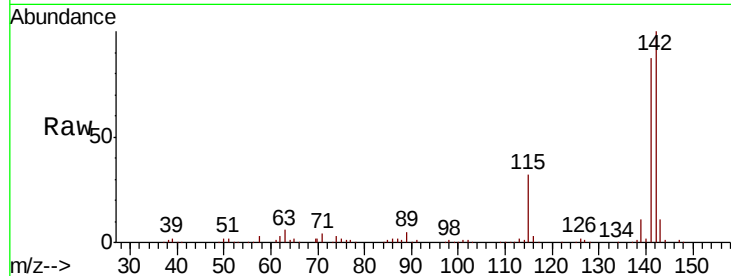
#37
2-Methylnaphthalene
Concen: 50.064 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	67.2	100.8
115	32.4	26.9	40.3

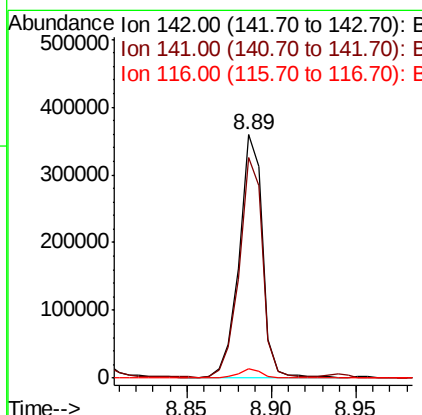
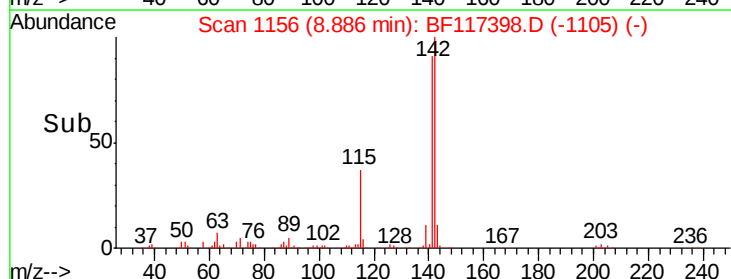
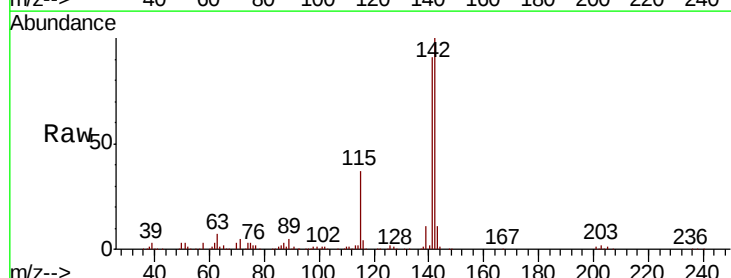
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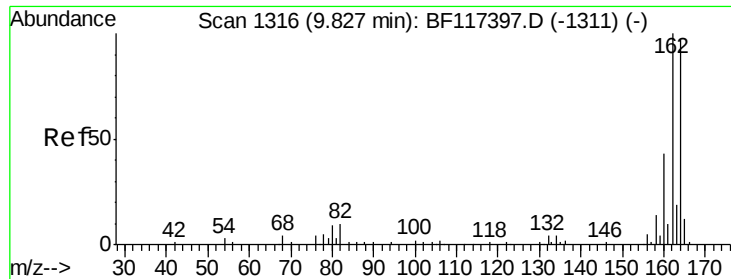
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#38
1-Methylnaphthalene
Concen: 50.633 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.8	107.8
116	3.9	2.9	4.3





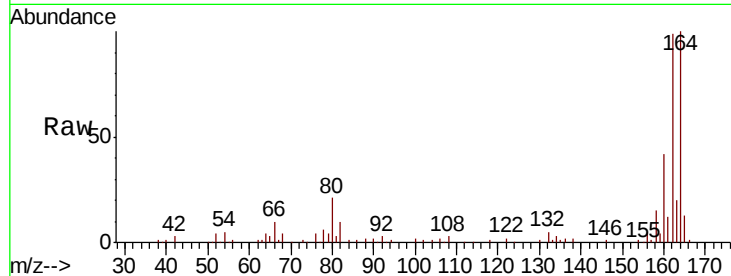
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
164	100	114191		
162	99.0	82.4	123.6	
160	41.7	35.4	53.0	

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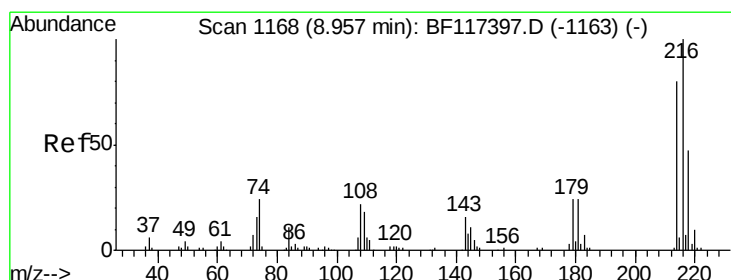
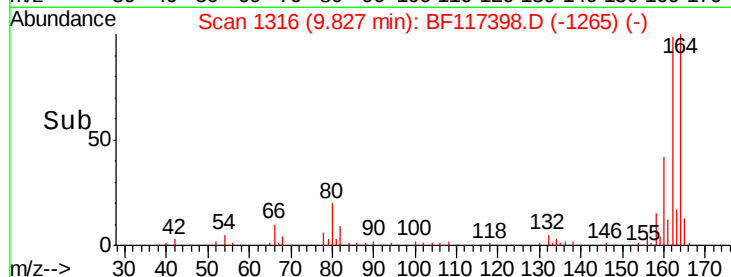
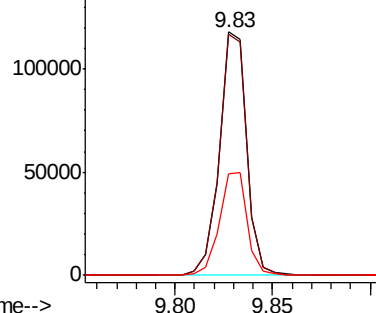


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.131 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	147821		
214	80.9	63.8	95.6	
179	22.9	18.6	28.0	
108	20.1	17.0	25.4	

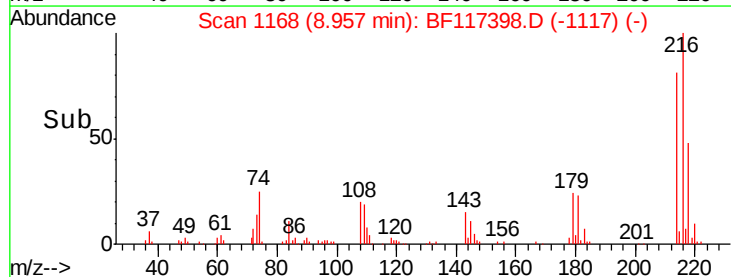
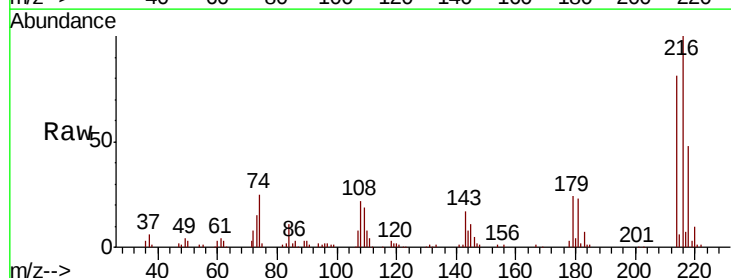
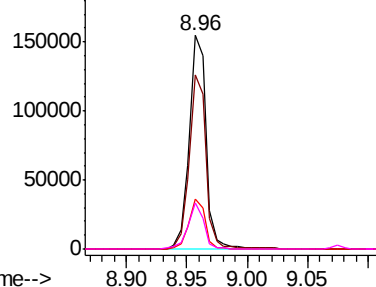
Abundance

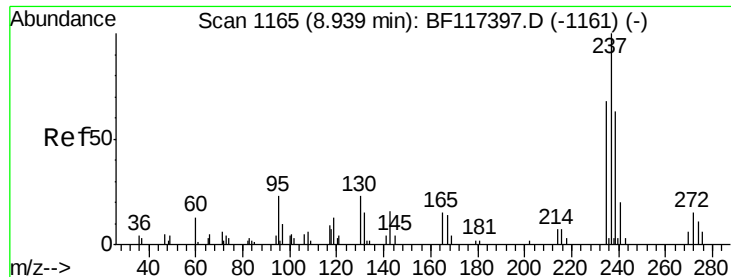
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 26.129 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

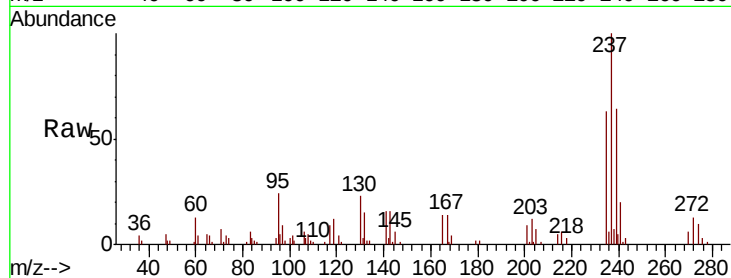
ClientSampleId :

SSTDIC050

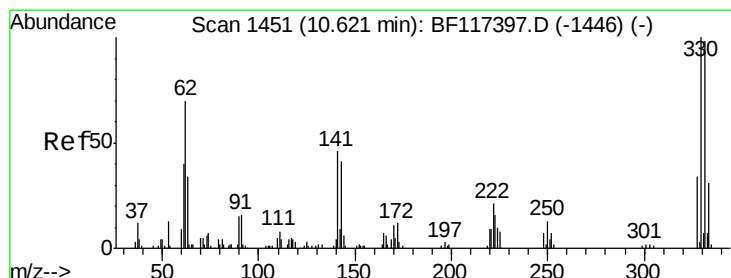
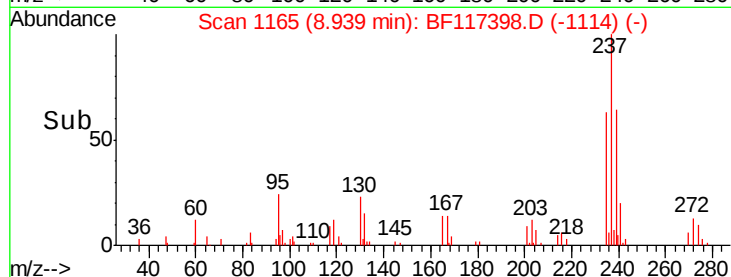
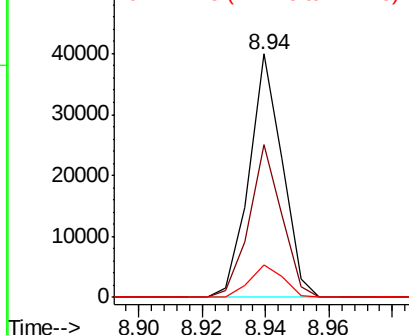
Tot Ion:	237	Resp:	28980
Ion Ratio	Lower	Upper	
237	100		
235	62.7	47.8	87.8
272	13.2	0.0	35.0

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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: 95.031 ng

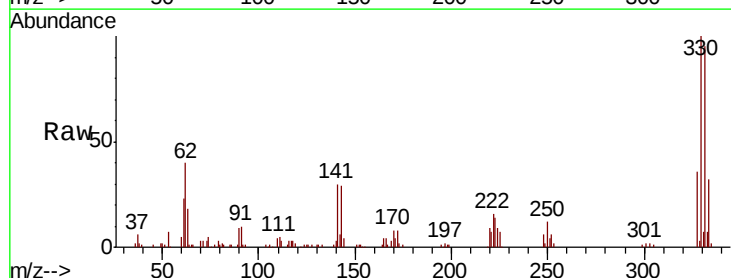
RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

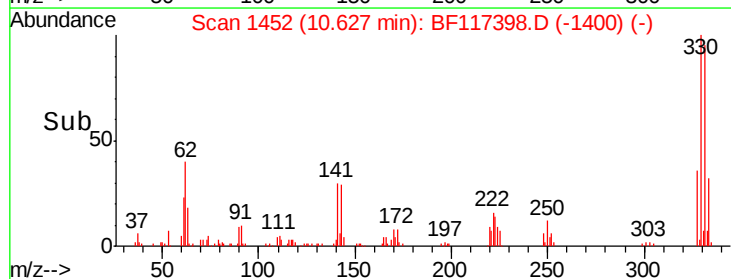
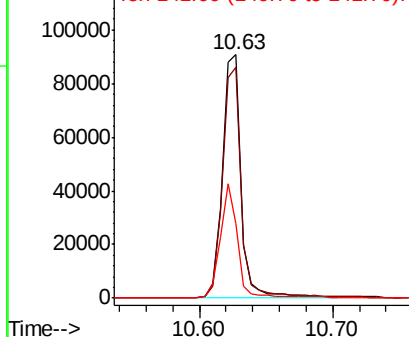
Lab File: BF117398.D

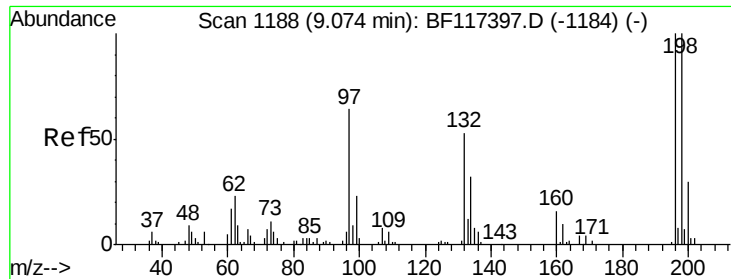
Acq: 14 Oct 2019 13:29

Tgt Ion:	330	Resp:	90695
Ion Ratio	Lower	Upper	
330	100		
332	94.9	75.0	112.6
141	42.6	34.2	51.4



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





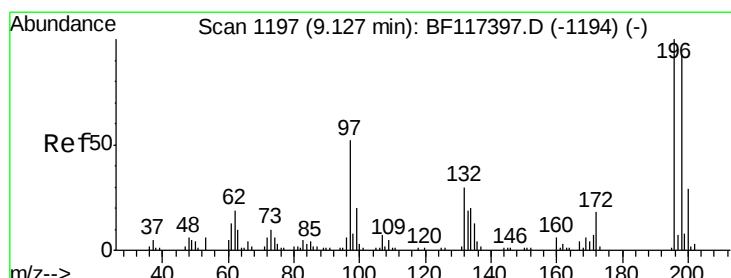
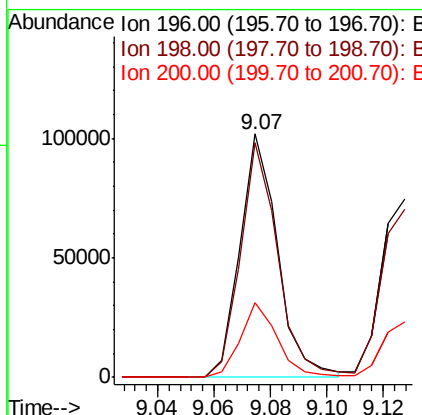
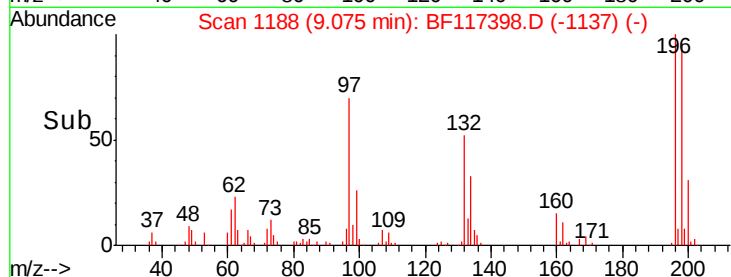
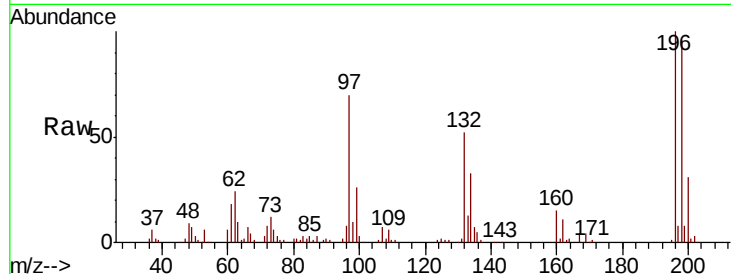
#43
 2,4,6-Trichlorophenol
 Concen: 47.325 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	196	Resp:	94701
Ion Ratio	Lower	Upper	
196	100		
198	96.5	79.8	119.6
200	30.6	23.7	35.5

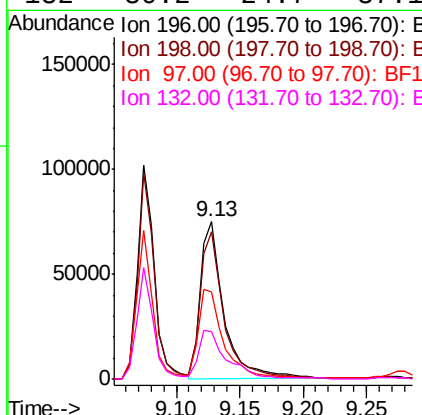
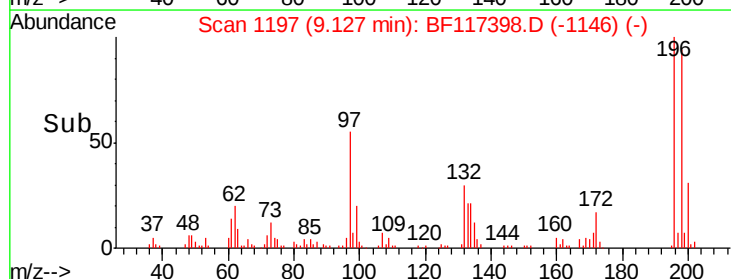
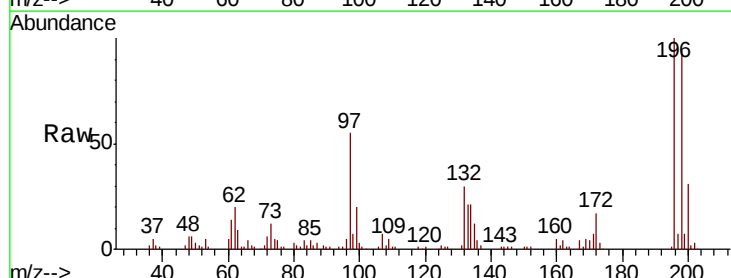
Manual Integrations
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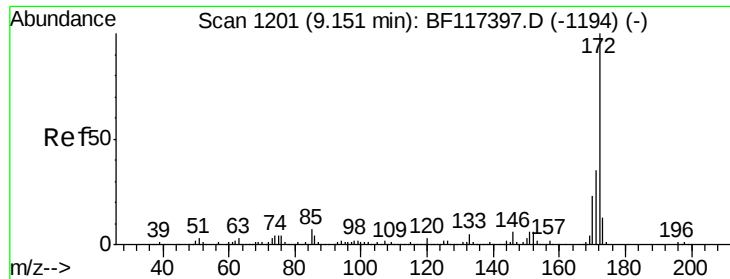
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.891 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Tgt Ion:	196	Resp:	95977
Ion Ratio	Lower	Upper	
196	100		
198	94.2	74.9	112.3
97	55.4	42.5	63.7
132	30.2	24.7	37.1





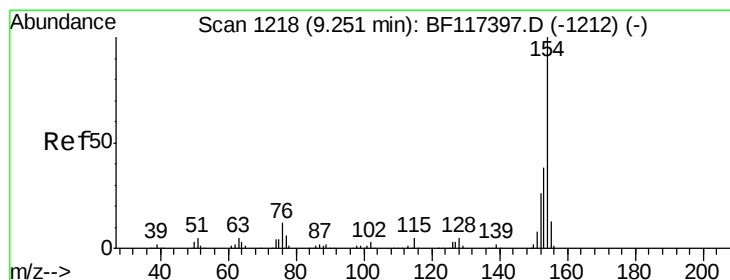
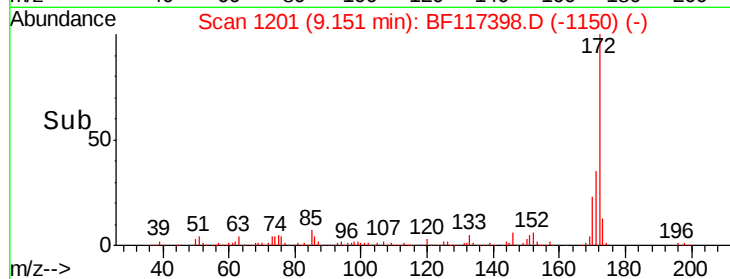
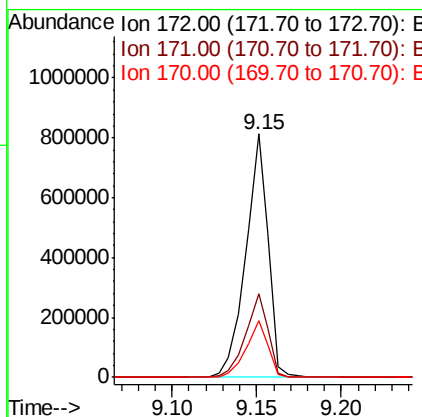
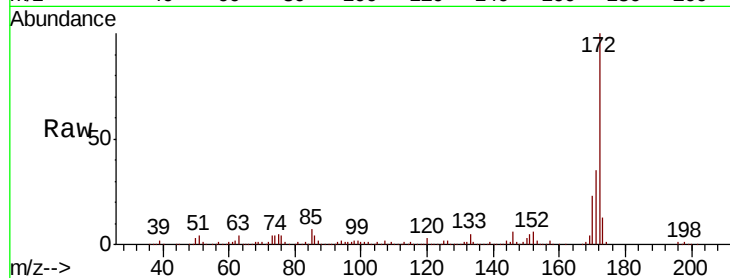
#45
2-Fluorobiphenyl
Concen: 102.943 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.2
170	23.3	18.2	27.2

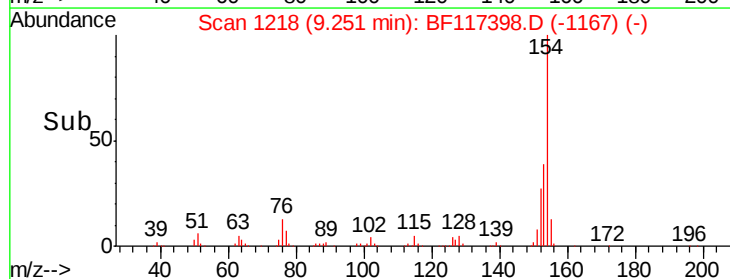
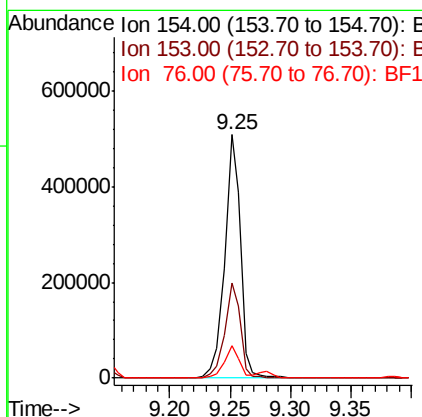
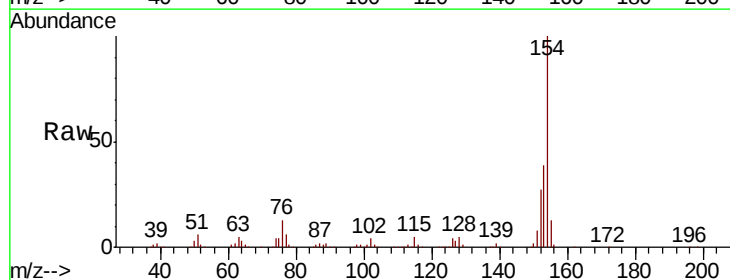
Manual Integrations
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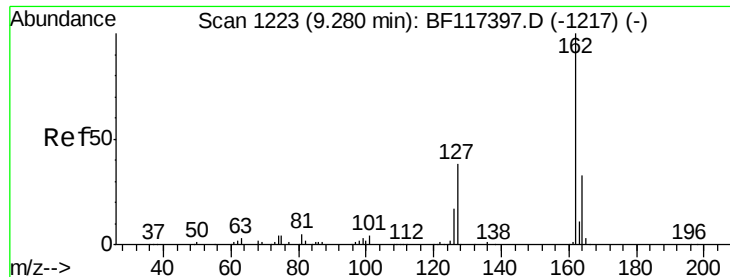
mohammad
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#46
1,1'-Biphenyl
Concen: 50.887 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.1	18.3	58.3
76	13.4	0.0	32.3





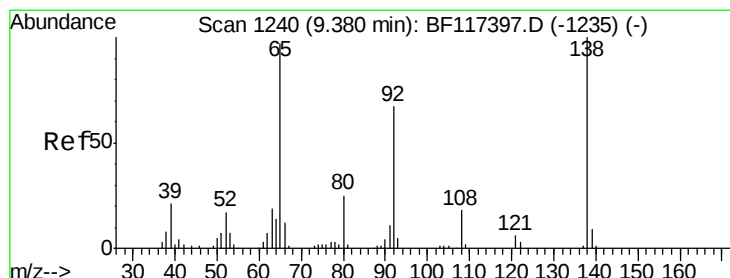
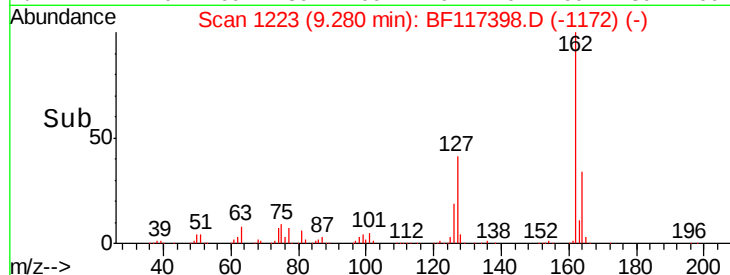
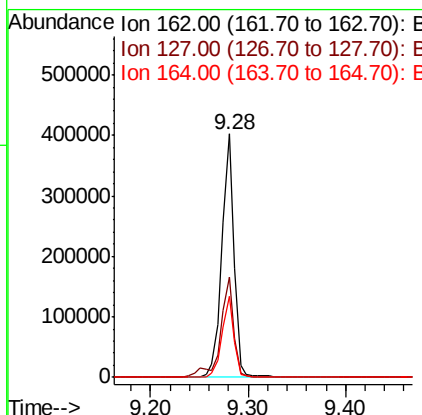
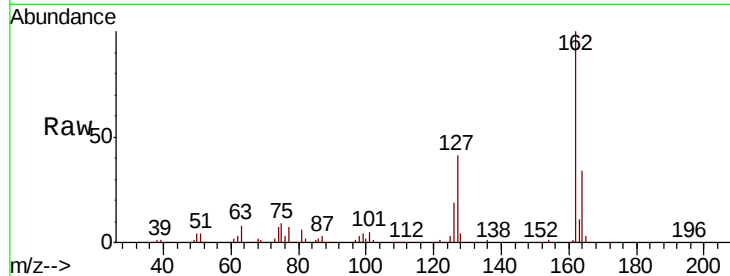
#47
2-Chloronaphthalene
Concen: 49.599 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.1	32.6	48.8	
164	33.5	26.2	39.4	

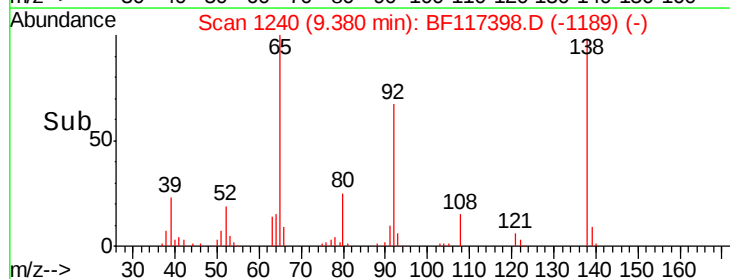
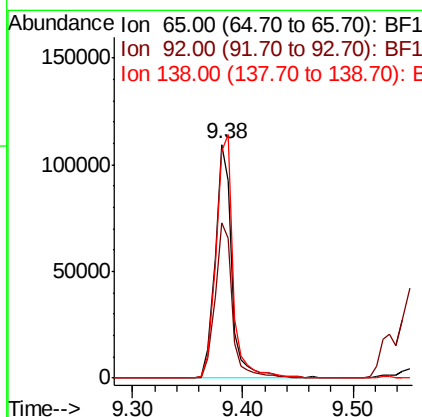
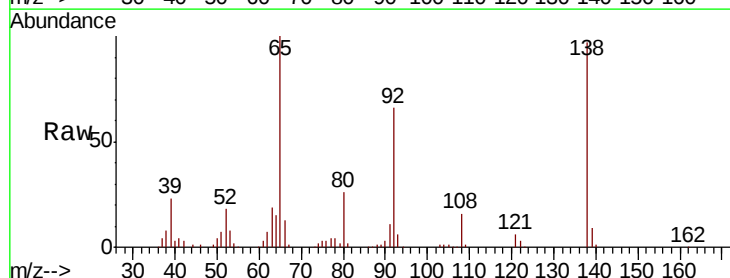
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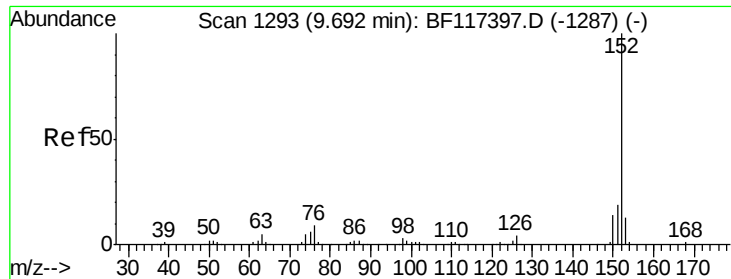
mohammad
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#48
2-Nitroaniline
Concen: 50.330 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	66.5	55.4	83.0	
138	97.2	82.6	124.0	





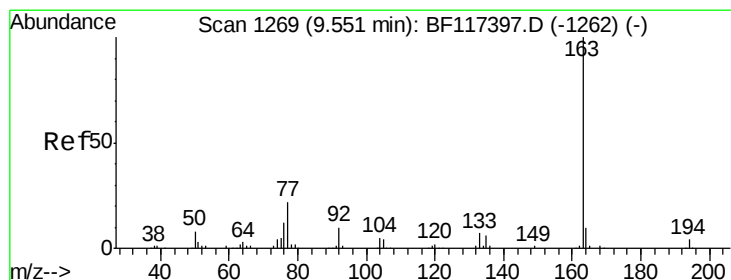
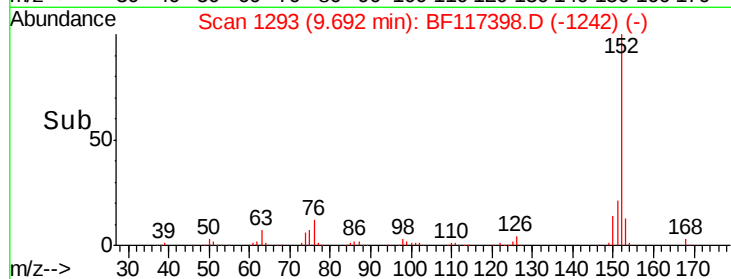
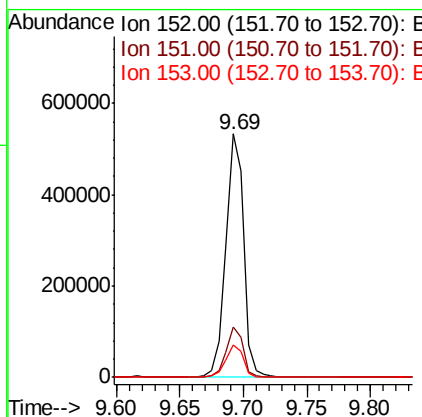
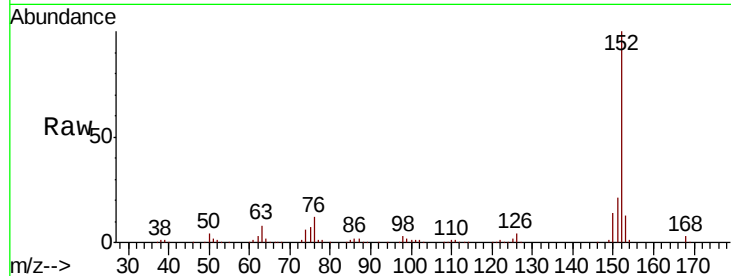
#49
Acenaphthylene
Concen: 48.939 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.5	23.3
153	13.2	10.6	16.0

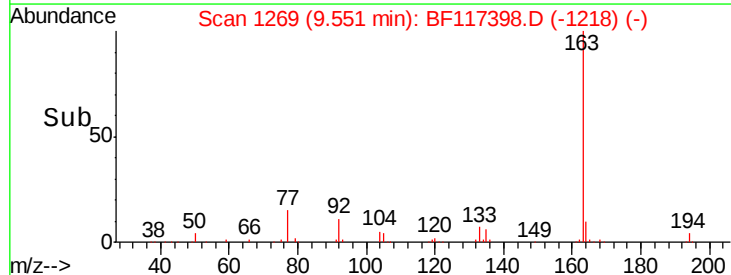
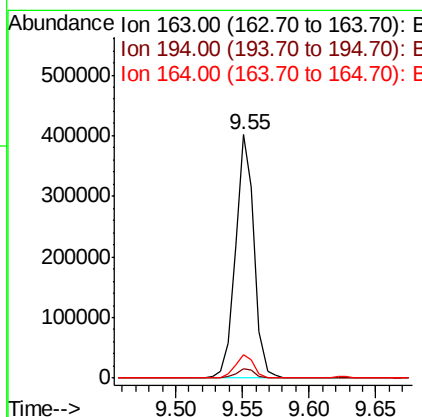
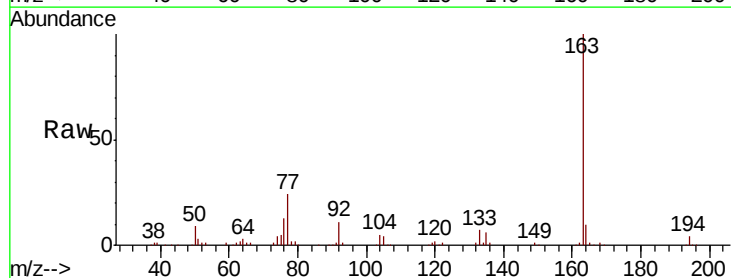
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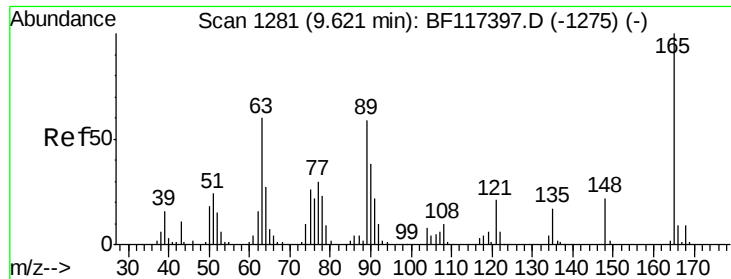
mohammad
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#50
Dimethylphthalate
Concen: 48.365 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	9.8	8.0	12.0





#51

2,6-Dinitrotoluene

Concen: 50.564 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

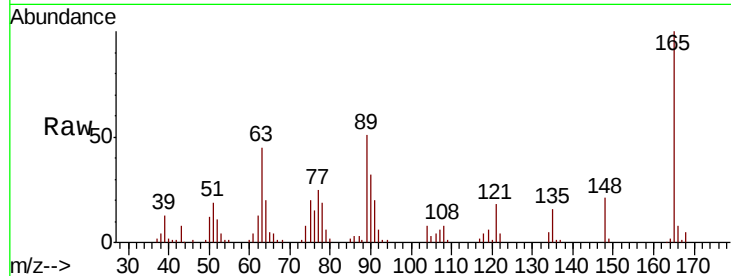
ClientSampleId :

SSTDIC050

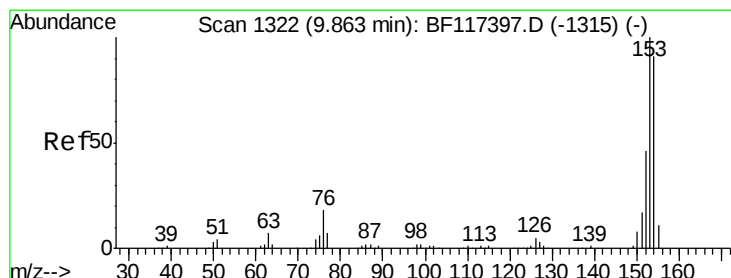
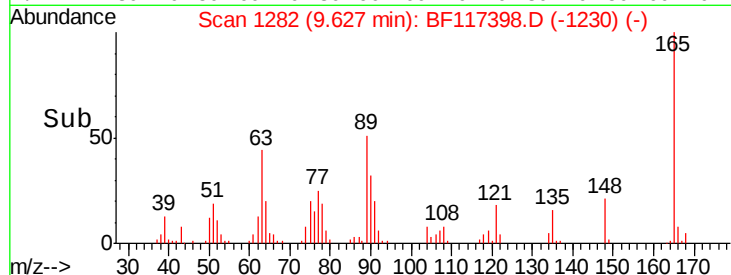
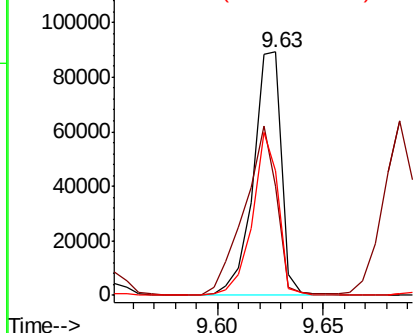
Tot Ion:	165	Resp:	83265
Ion Ratio	Lower	Upper	
165	100		
63	44.7	47.8	71.6#
89	51.3	47.4	71.0

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



#52

Acenaphthene

Concen: 49.685 ng

RT: 9.86 min Scan# 1322

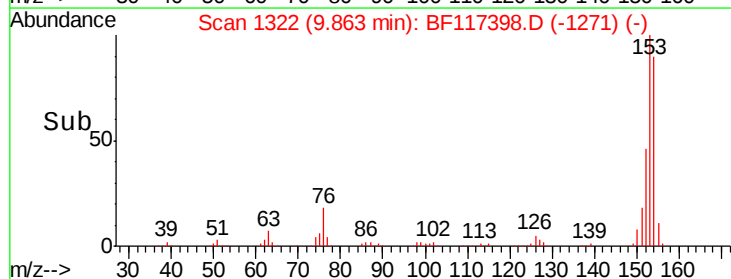
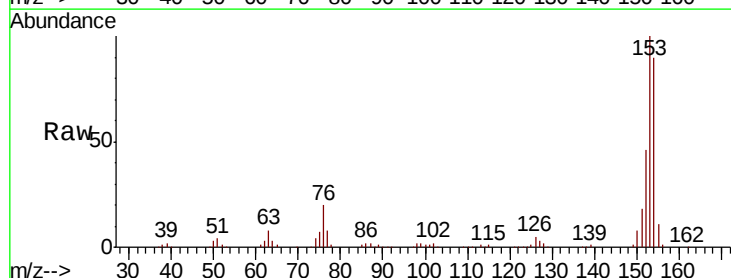
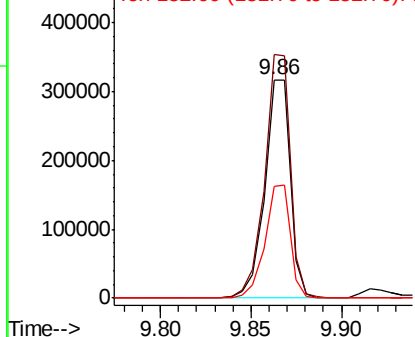
Delta R.T. 0.00 min

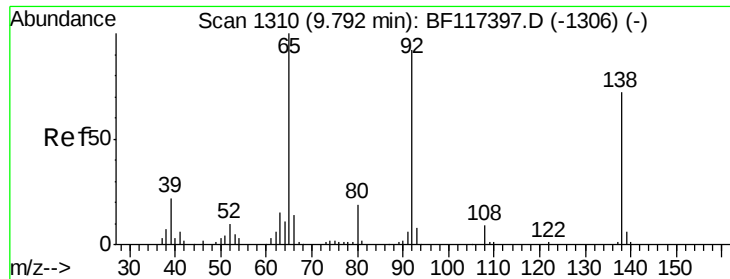
Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Tgt Ion:	154	Resp:	311901
Ion Ratio	Lower	Upper	
154	100		
153	111.4	87.9	131.9
152	51.3	40.8	61.2

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





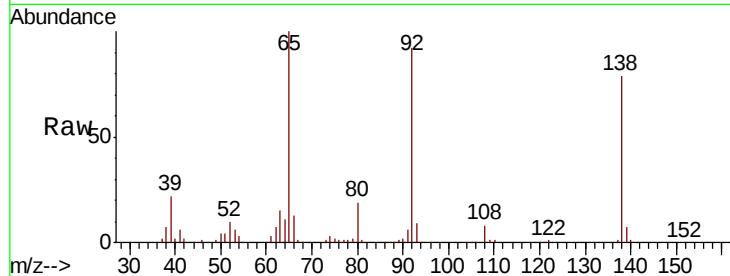
#53
3-Nitroaniline
Concen: 48.739 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.5	14.3
92	117.2	102.2	153.4

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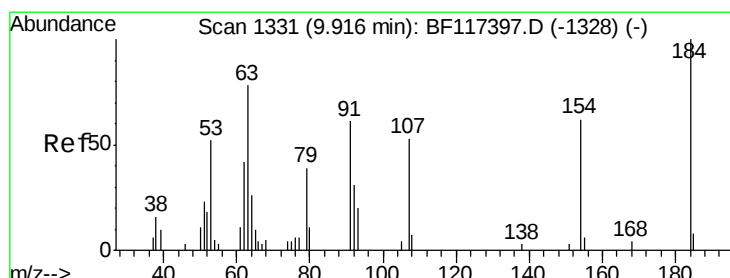
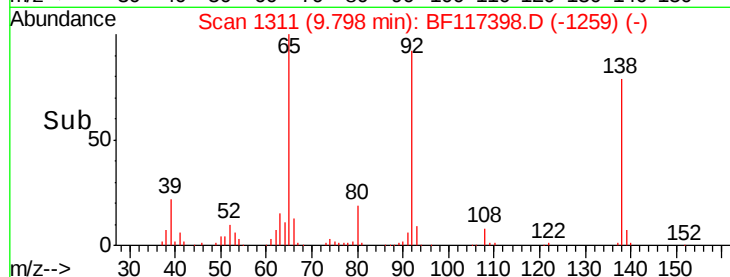
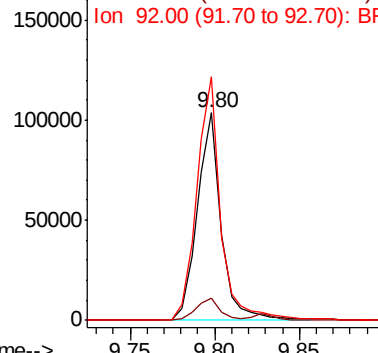


Abundance

Ion 138.00 (137.70 to 138.70): E

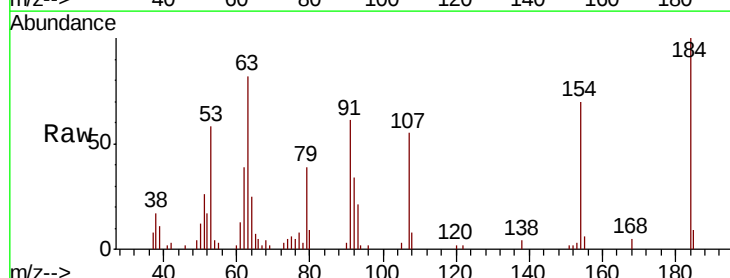
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 62.897 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	82.4	62.4	93.6
154	70.4	53.5	80.3

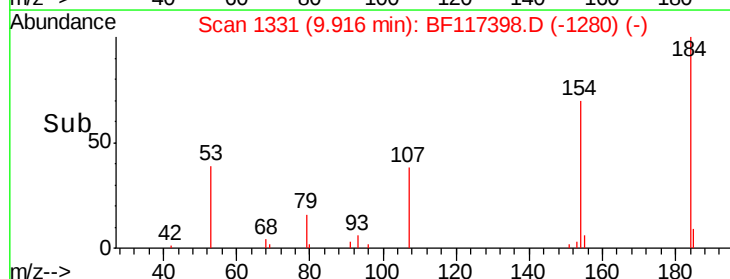
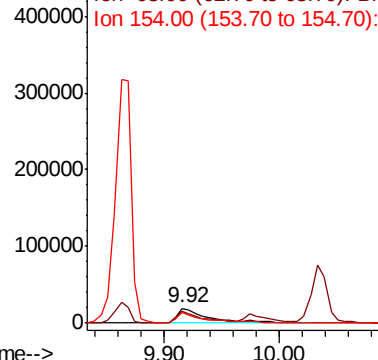


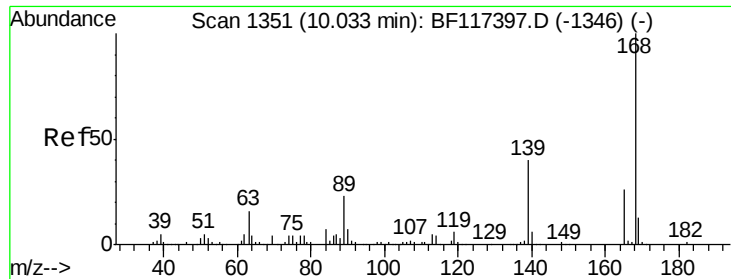
Abundance

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





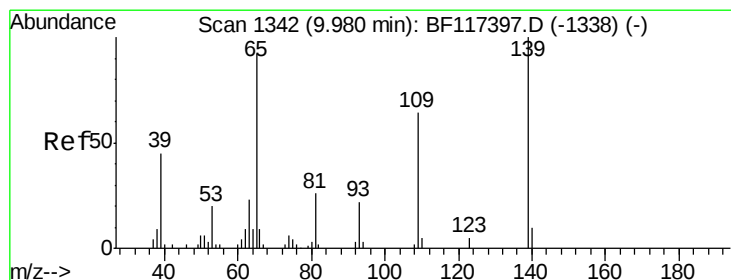
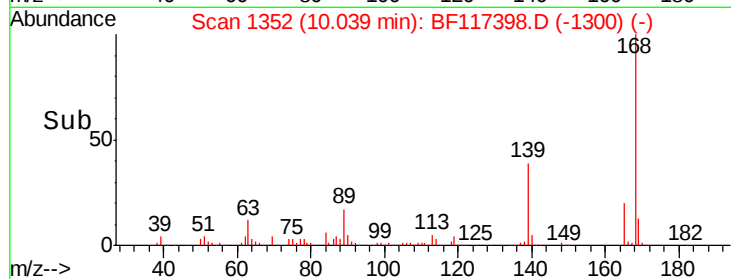
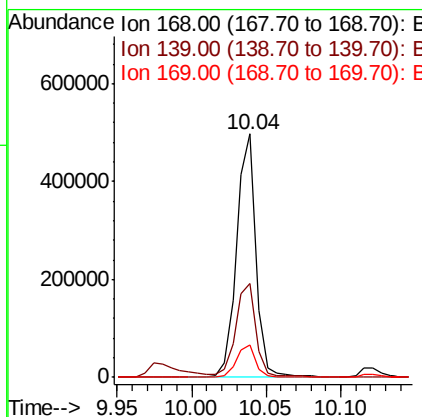
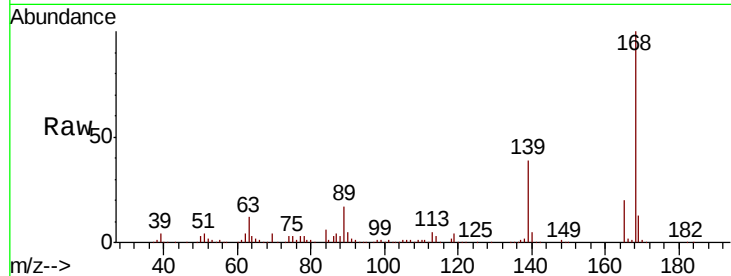
#55
Dibenzofuran
Concen: 48.880 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	33.3	49.9
169	13.1	10.7	16.1

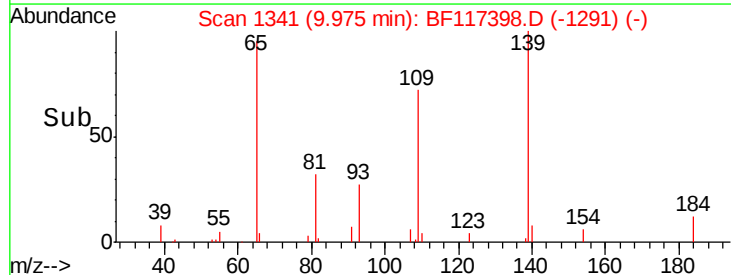
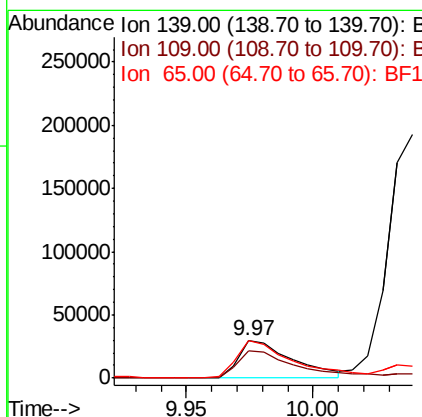
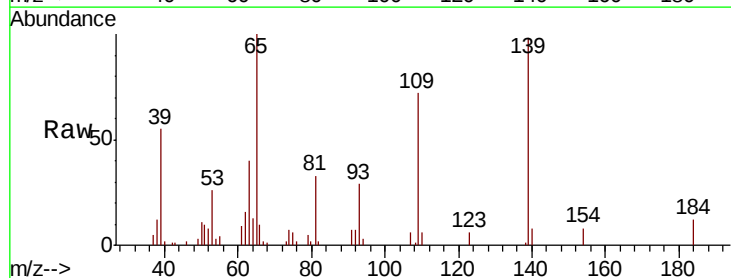
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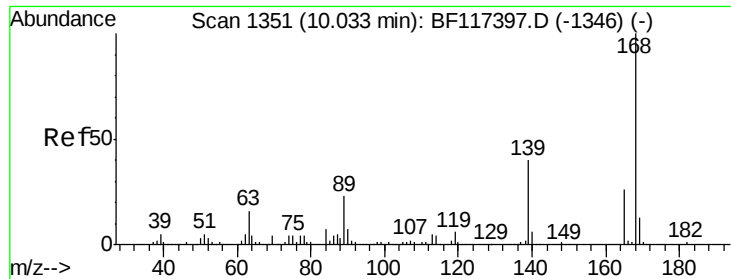
mohammad
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#56
4-Nitrophenol
Concen: 32.768 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.5	43.8	83.8
65	101.8	73.9	113.9





#57

2,4-Dinitrotoluene

Concen: 52.478 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:165 Resp: 112174

Ion Ratio Lower Upper

165 100

63 68.6 51.0 76.4

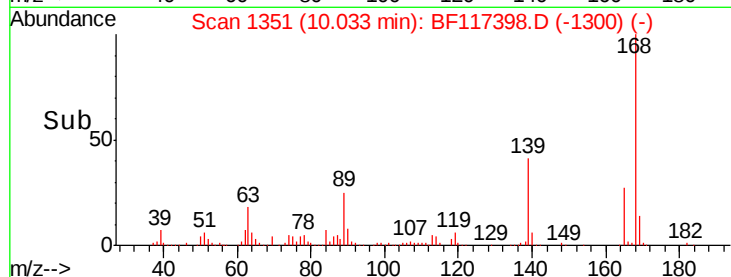
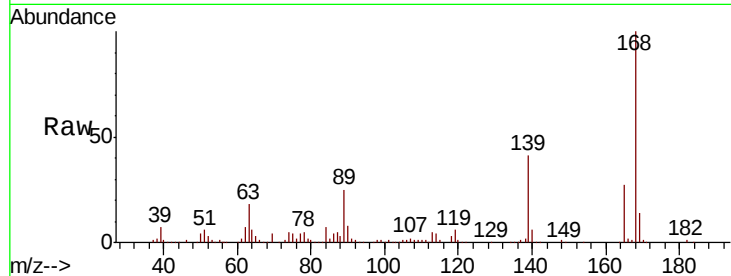
89 94.1 70.7 106.1

182 2.4 2.1 3.1

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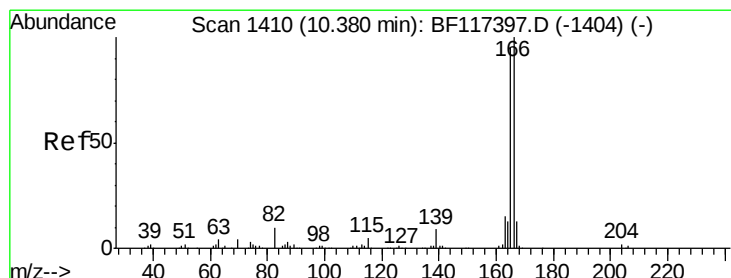
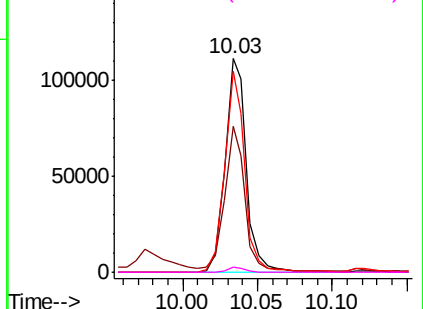


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 50.679 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

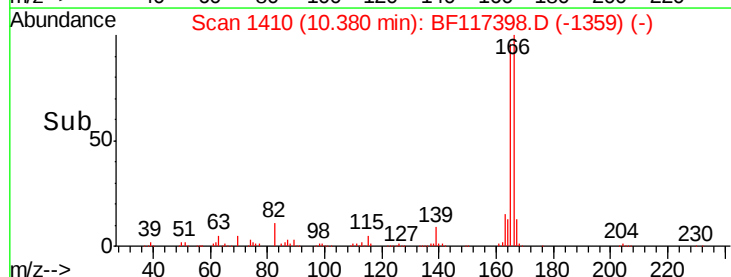
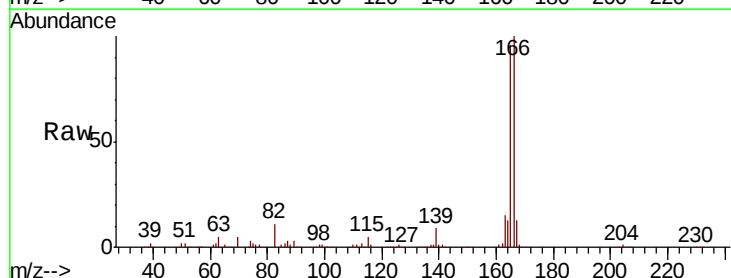
Tgt Ion:166 Resp: 378111

Ion Ratio Lower Upper

166 100

165 95.8 75.7 113.5

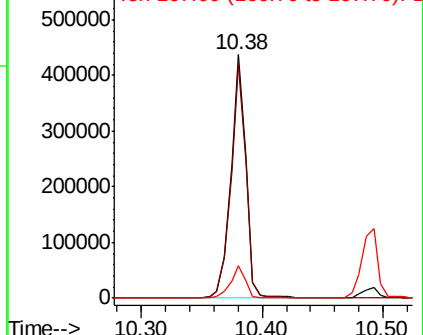
167 13.4 10.4 15.6

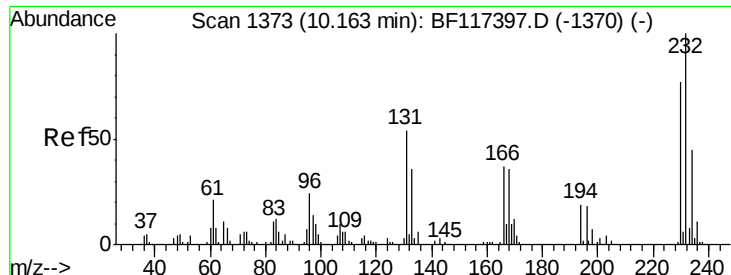


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





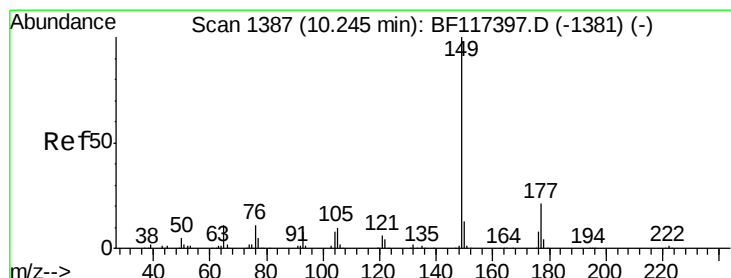
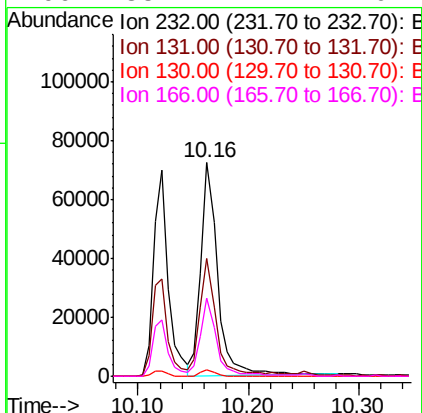
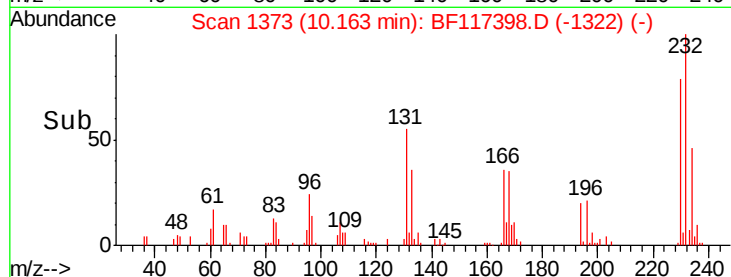
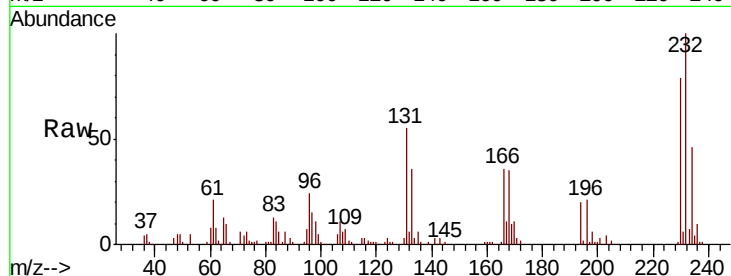
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.661 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
232	100		
131	54.8	44.5	66.7
130	2.4	2.0	3.0
166	33.7	27.1	40.7

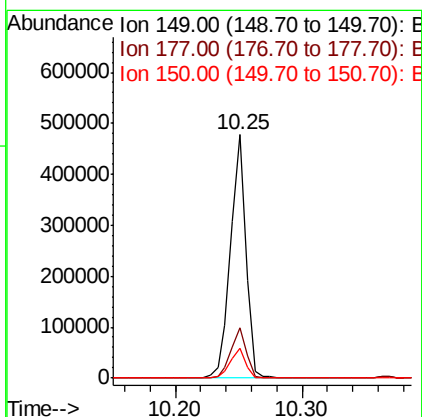
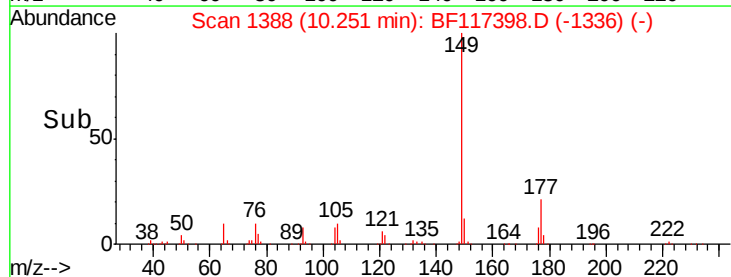
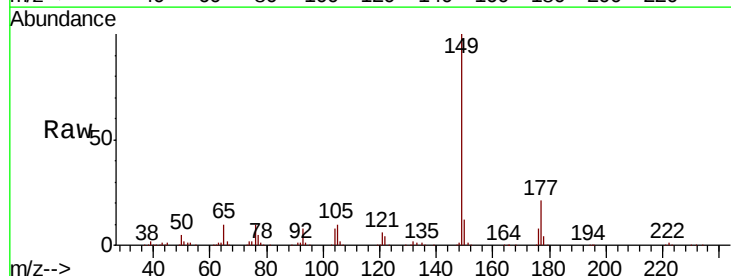
Manual Integrations
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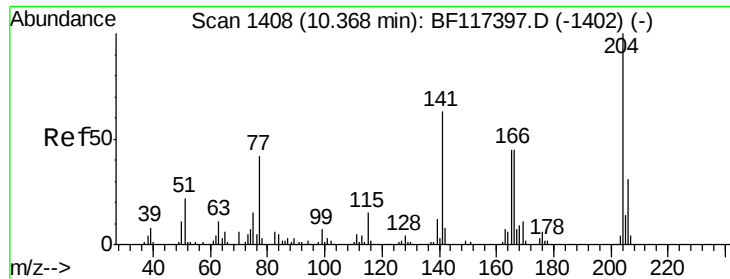
mohammad
10/16/2019 8:09:59 AM



#60
Diethylphthalate
Concen: 50.188 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.5	24.7
150	12.5	10.1	15.1





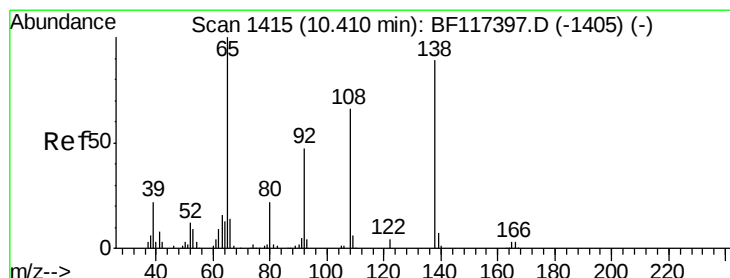
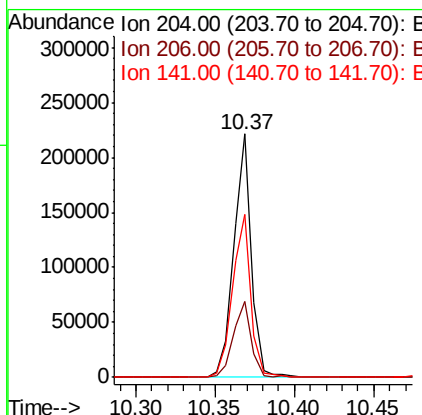
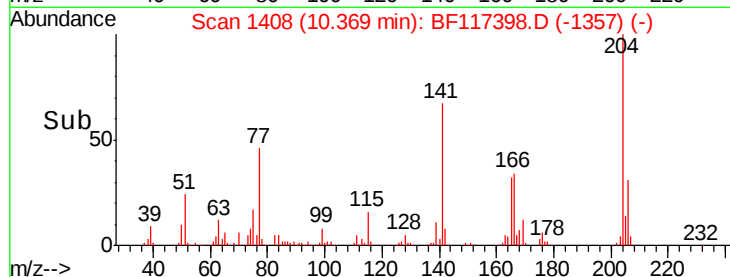
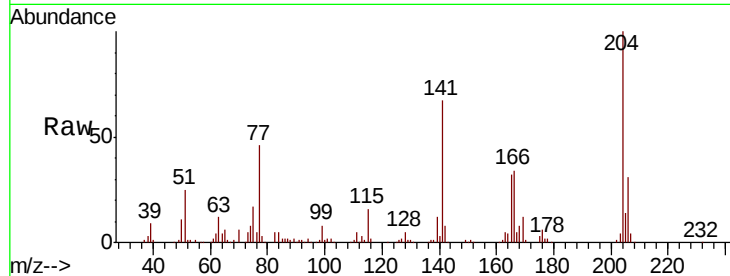
#61
 4-Chlorophenyl-phenylether
 Concen: 52.695 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	204	Resp:	170102
Ion Ratio		Lower	Upper
204	100		
206	31.3	25.0	37.4
141	66.8	50.7	76.1

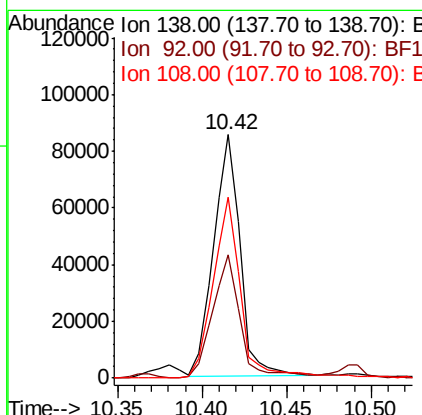
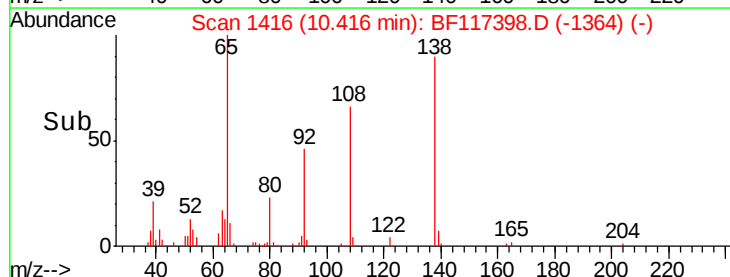
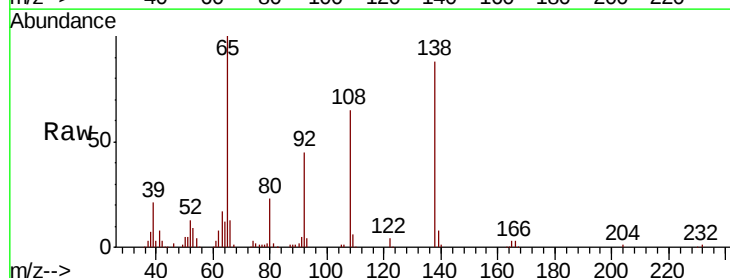
Manual Integrations
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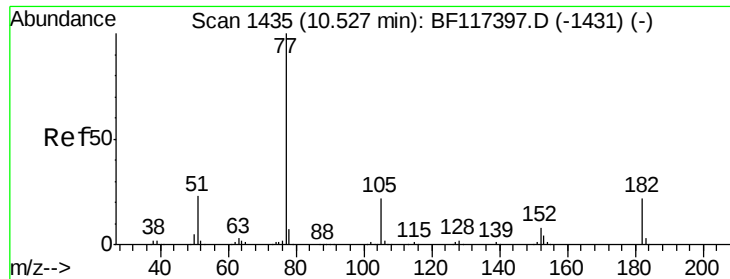
mohammad
 10/16/2019 8:09:59 AM



#62
 4-Nitroaniline
 Concen: 43.815 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Tgt Ion:	138	Resp:	94669
Ion Ratio		Lower	Upper
138	100		
92	50.6	32.4	72.4
108	74.1	53.8	93.8





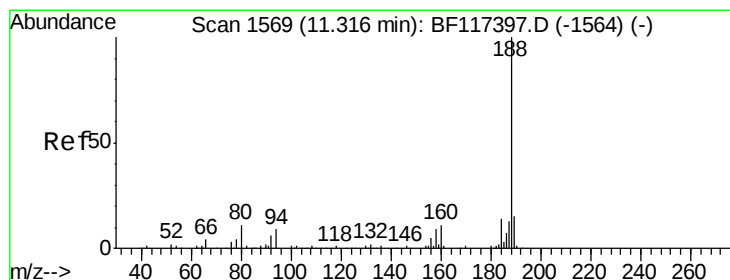
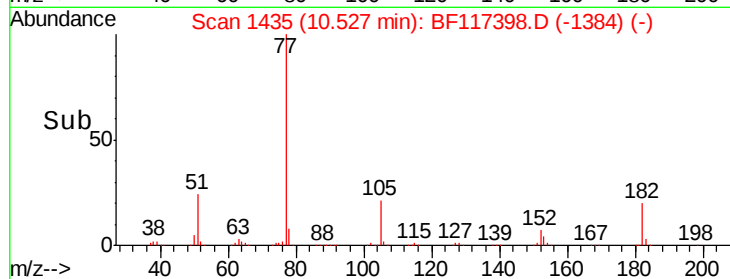
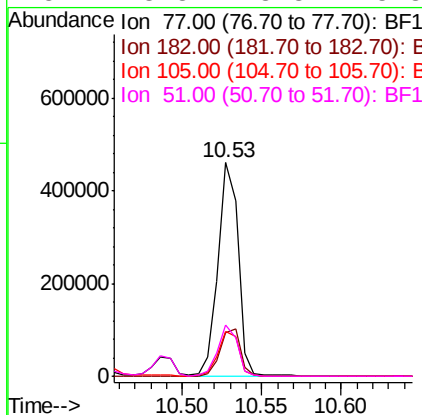
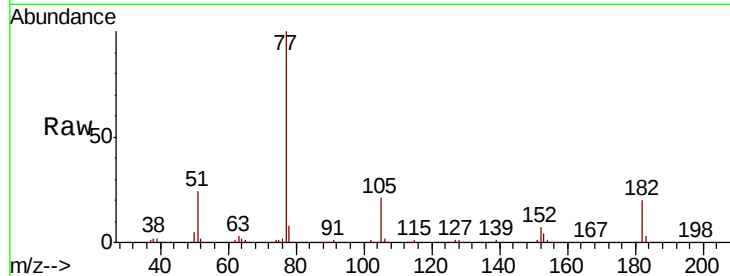
#63
Azobenzene
Concen: 50.027 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	20.2	1.5	41.5	
105	20.9	1.8	41.8	
51	23.8	3.3	43.3	

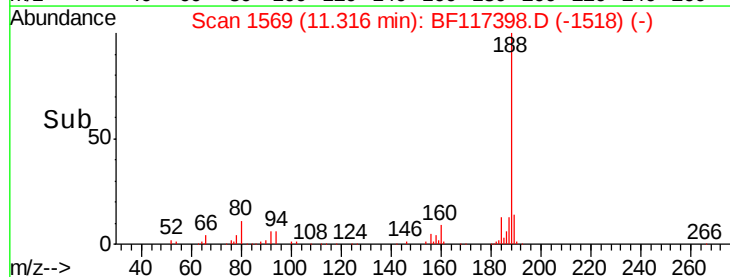
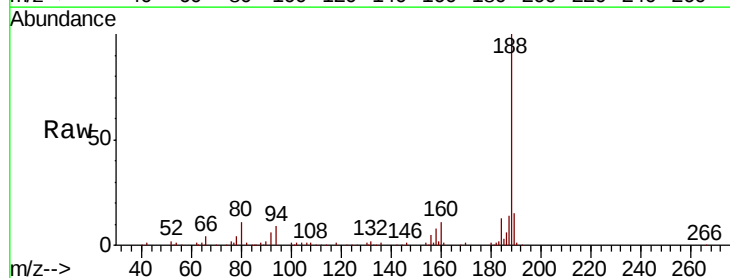
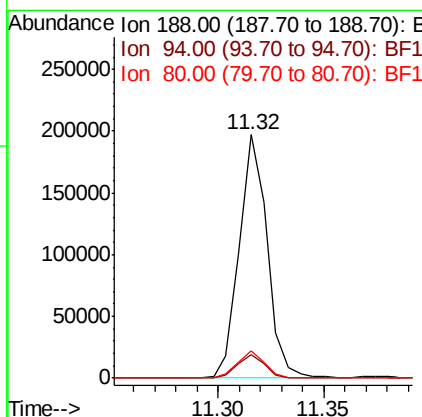
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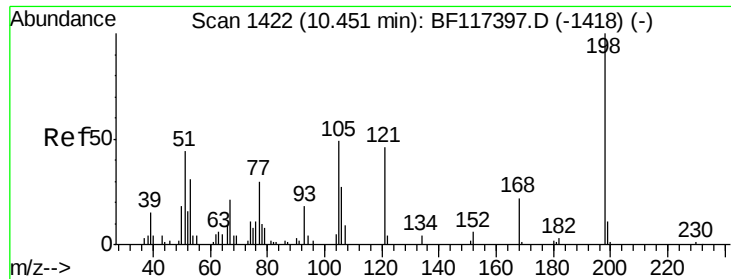
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.5	7.5	11.3	
80	11.3	8.7	13.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 59.353 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

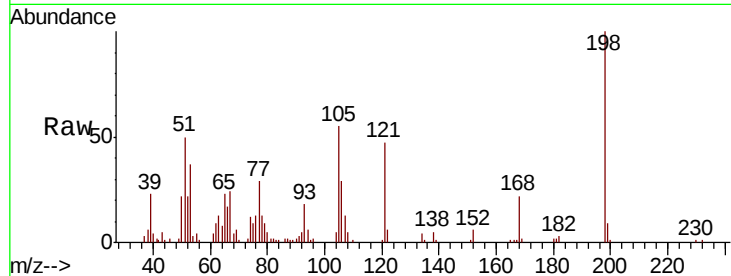
ClientSampleId :

SSTDIC050

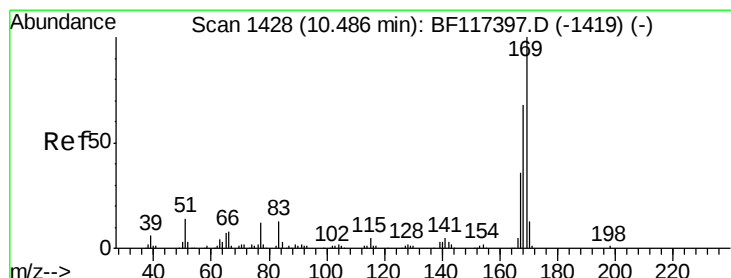
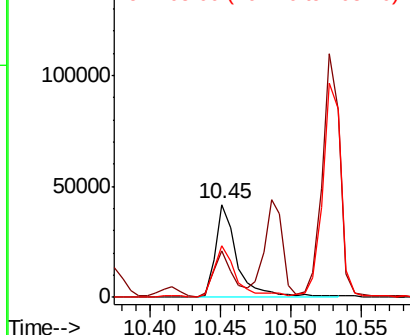
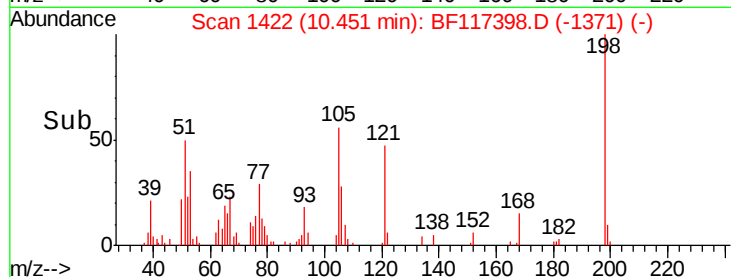
Tot Ion:	198	Resp:	45027
Ion Ratio	Lower	Upper	
198	100		
51	49.9	25.9	65.9
105	55.4	29.4	69.4

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



#66

n-Nitrosodiphenylamine

Concen: 51.597 ng

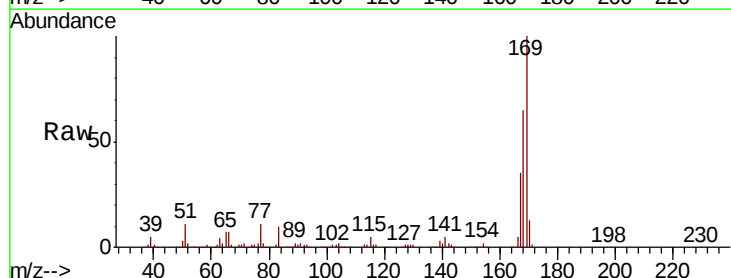
RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

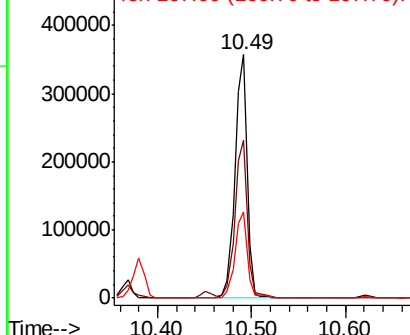
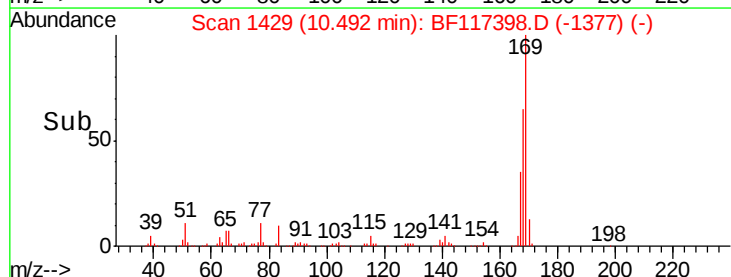
Lab File: BF117398.D

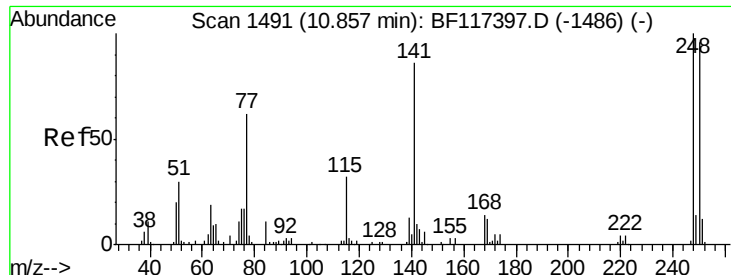
Acq: 14 Oct 2019 13:29

Tgt Ion:	169	Resp:	322093
Ion Ratio	Lower	Upper	
169	100		
168	65.0	54.1	81.1
167	35.2	28.8	43.2



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





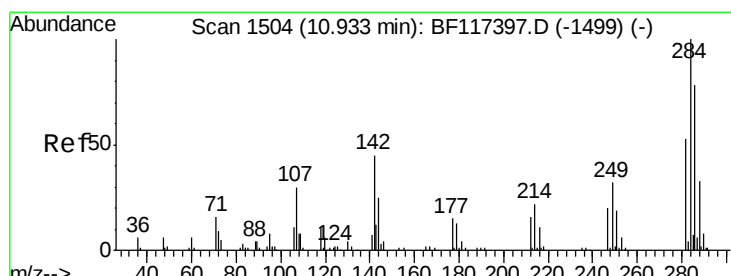
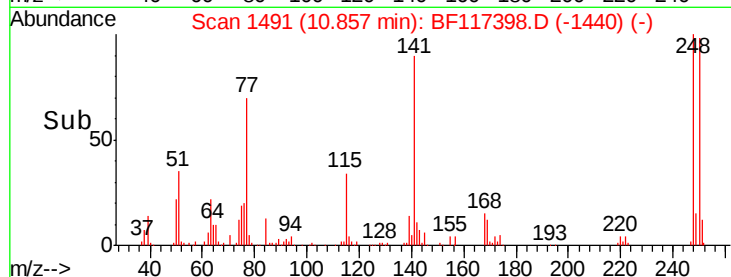
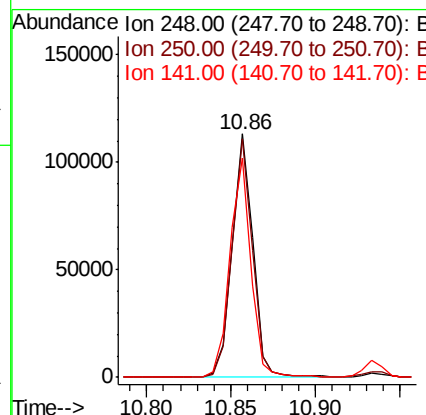
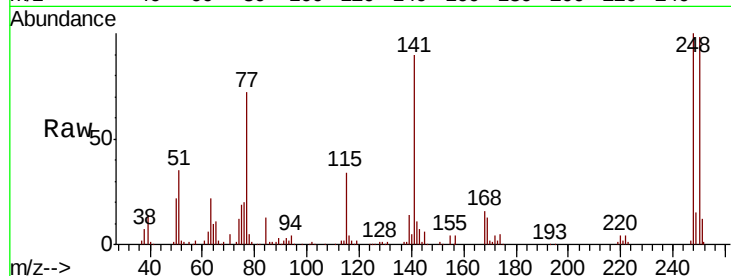
#67
 4-Bromophenyl-phenylether
 Concen: 52.403 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.1	115.7
141	90.0	69.1	103.7

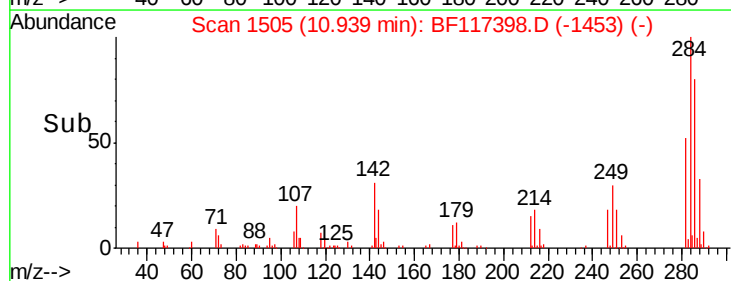
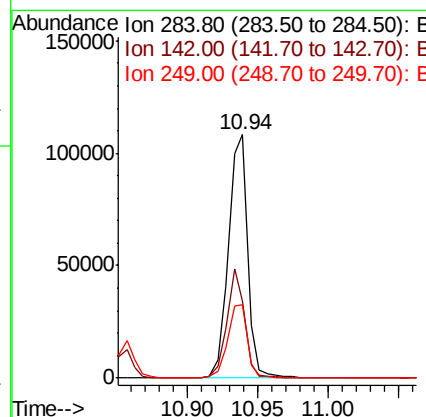
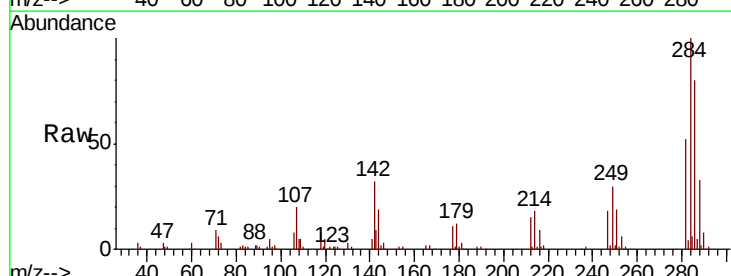
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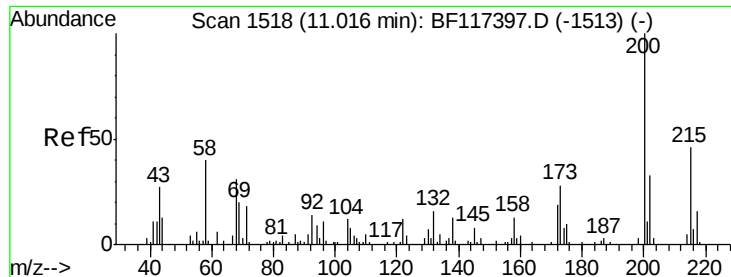
mohammad
 10/16/2019 8:09:59 AM



#68
 Hexachlorobenzene
 Concen: 50.869 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. 0.01 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	35.7	53.5#
249	29.9	25.8	38.6





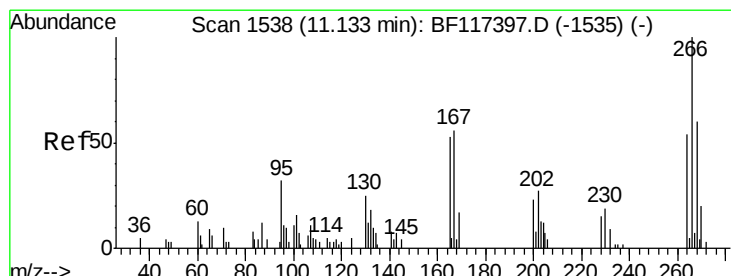
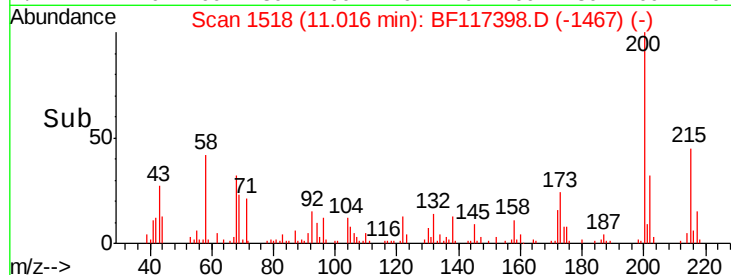
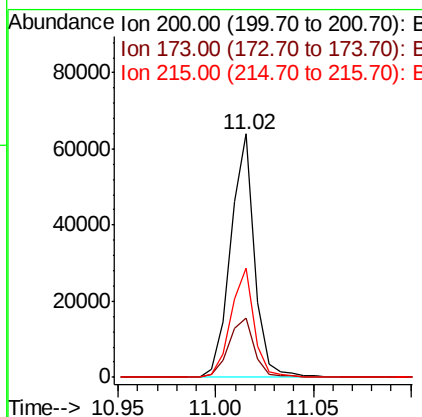
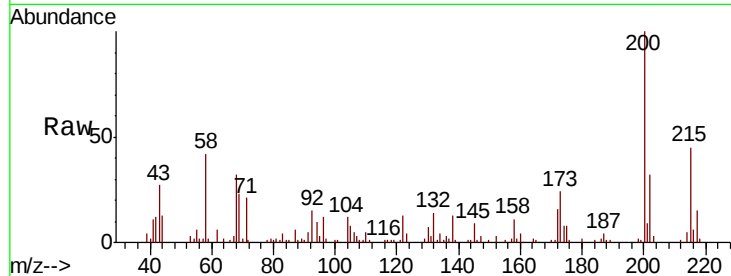
#69
Atrazine
Concen: 35.265 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	8.0	48.0
215	45.1	25.8	65.8

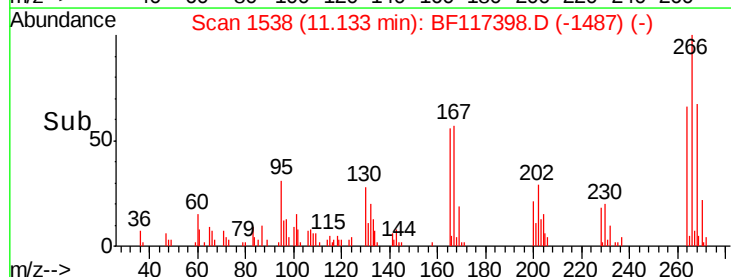
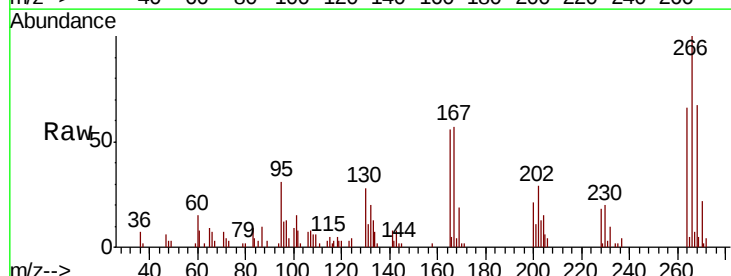
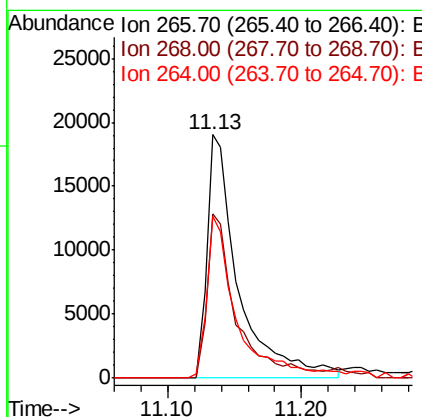
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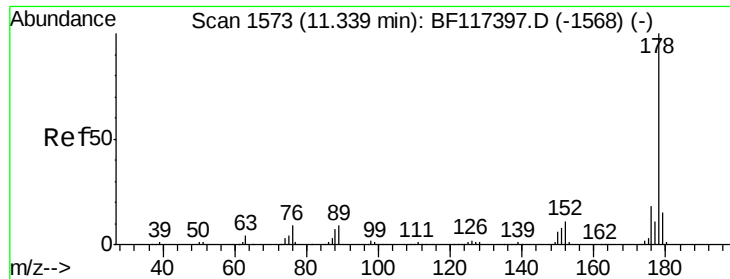
mohammad
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#70
Pentachlorophenol
Concen: 33.111 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.4	47.8	71.6
264	66.3	42.9	64.3





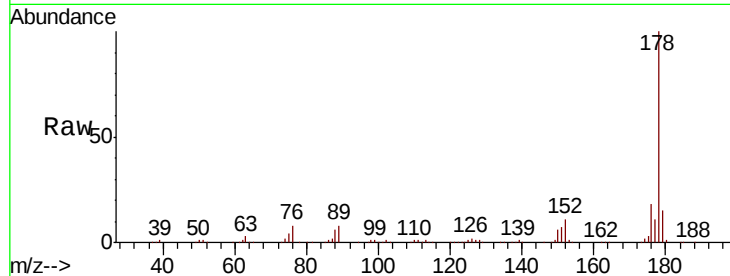
#71
Phenanthrene
Concen: 50.128 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

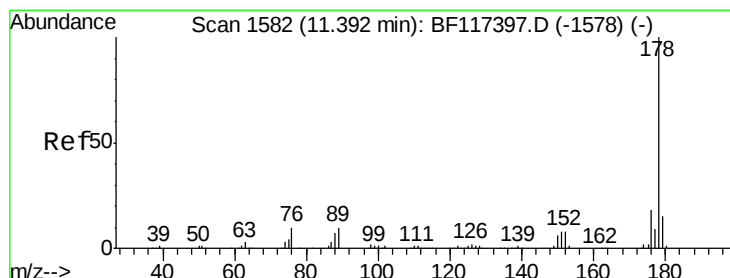
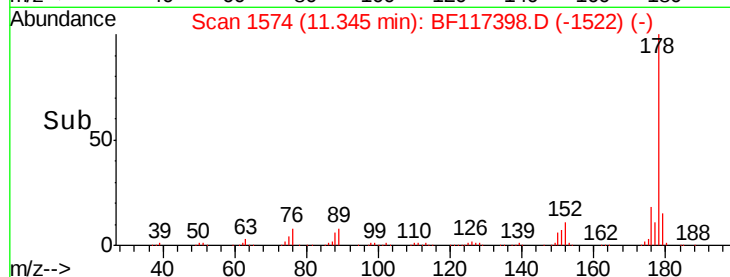
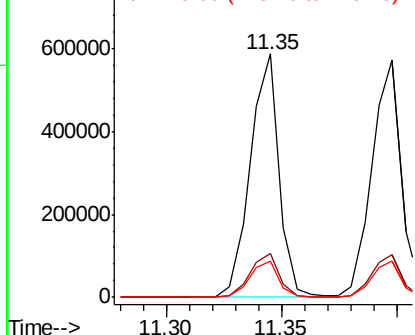
Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	22.0
179	15.1	12.3	18.5

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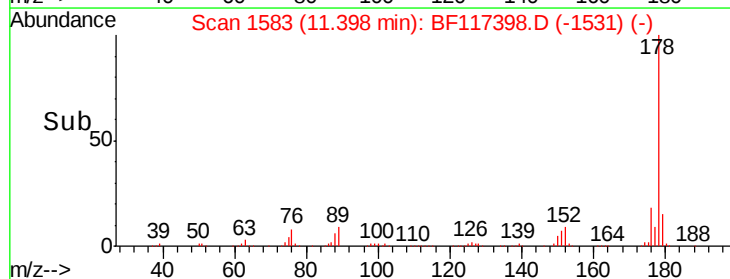
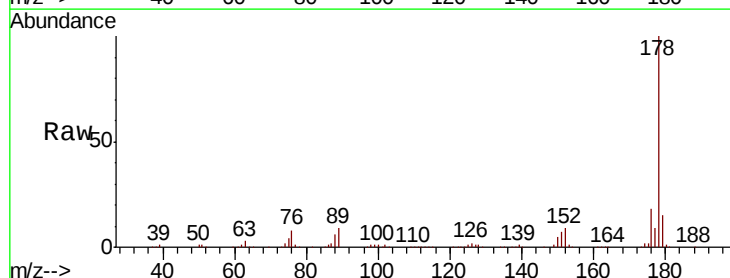
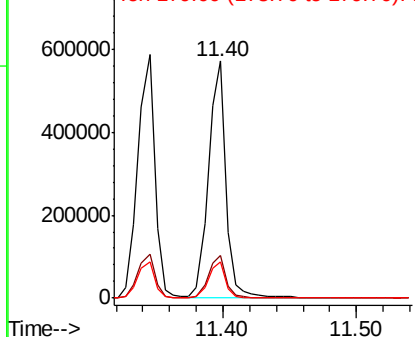
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

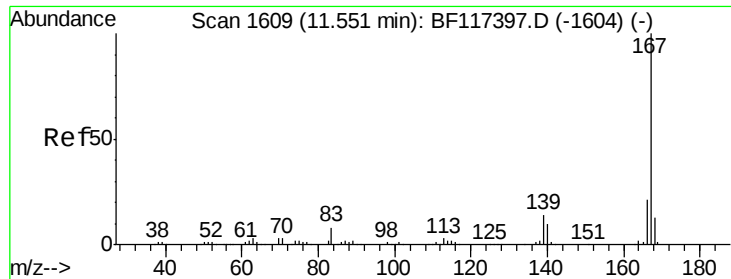


#72
Anthracene
Concen: 49.834 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.4	21.6
179	15.3	12.1	18.1

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





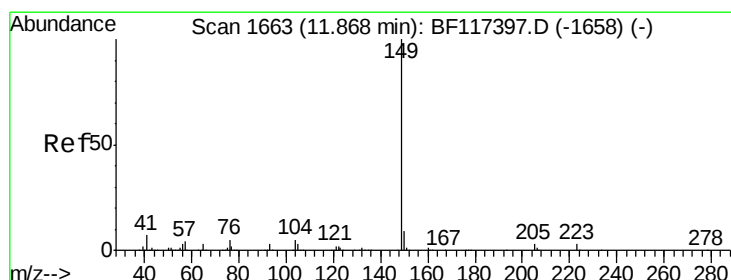
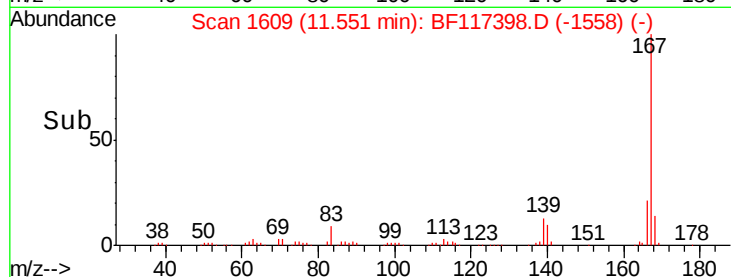
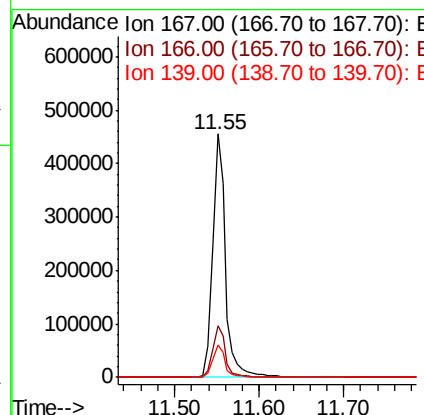
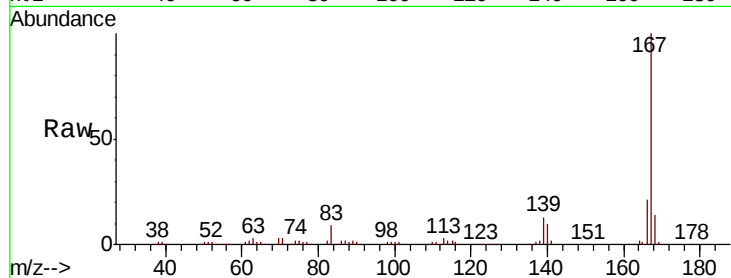
#73
 Carbazole
 Concen: 48.804 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
167	100	485554		
166	21.4		17.0	25.4
139	13.2		10.8	16.2

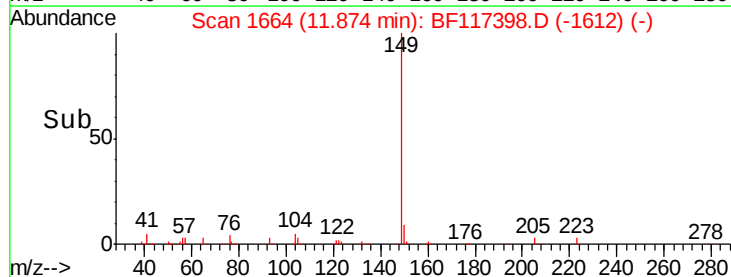
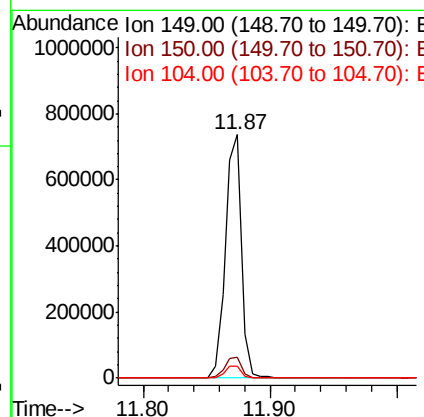
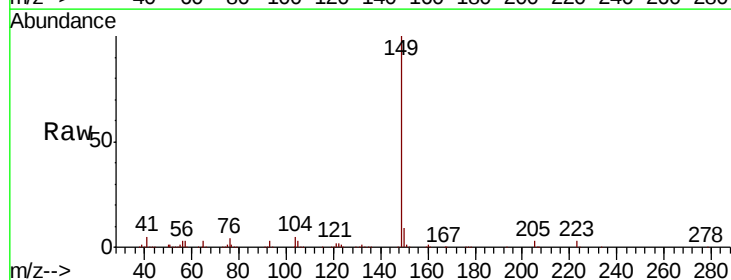
Manual Integrations
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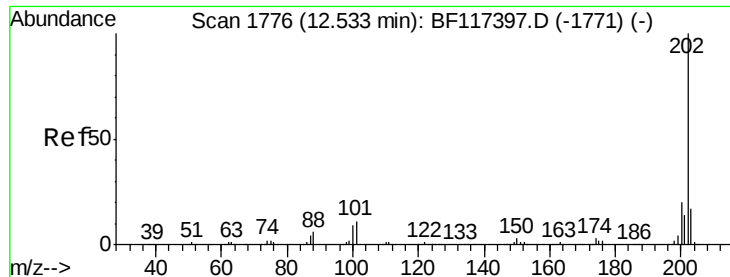
mohammad
 10/16/2019 8:09:59 AM



#74
 Di-n-butylphthalate
 Concen: 55.278 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	654338		
150	8.6		7.0	10.6
104	4.9		4.2	6.2





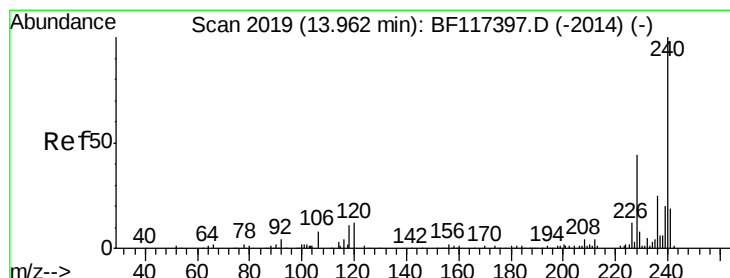
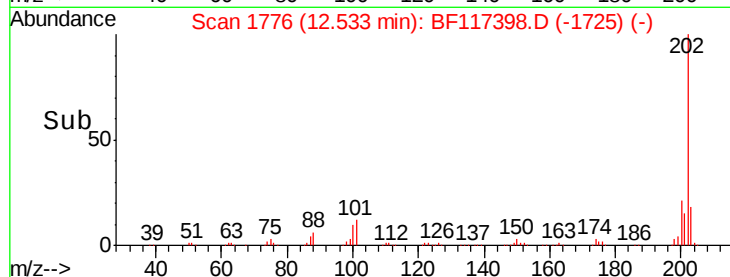
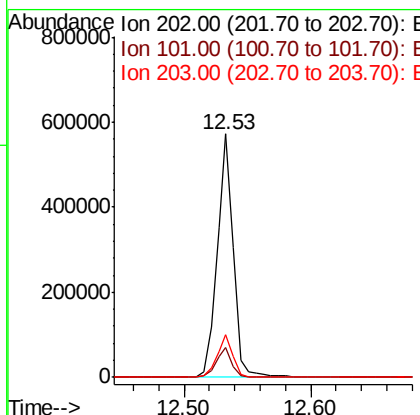
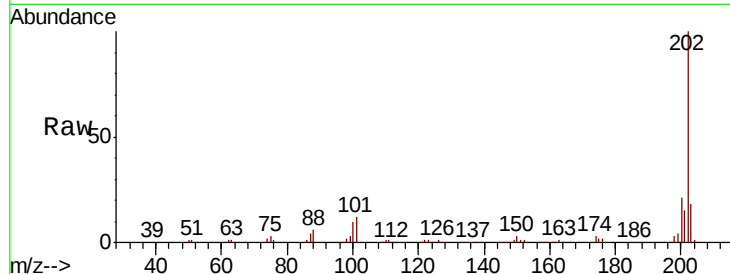
#75
Fluoranthene
 Concen: 48.638 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	202	Resp:	513078
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	31.3
203	17.7	0.0	36.9

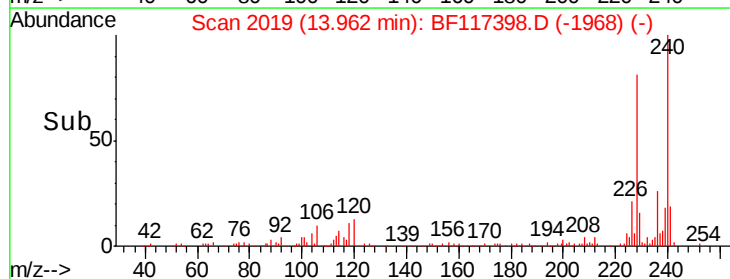
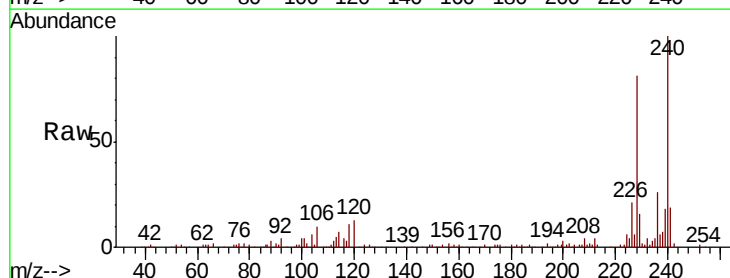
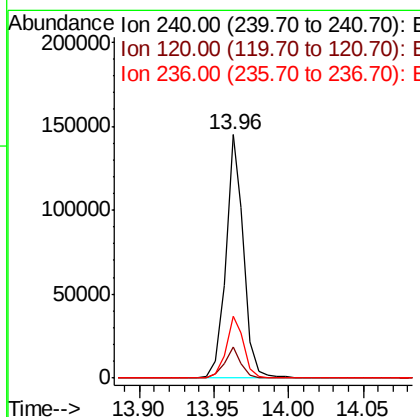
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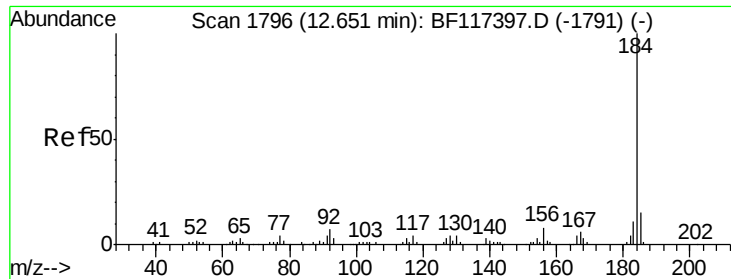
mohammad
 10/16/2019 8:09:59 AM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Tgt Ion:	240	Resp:	121436
Ion Ratio	Lower	Upper	
240	100		
120	12.6	9.4	14.0
236	25.6	19.8	29.6





#77

Benzidine

Concen: 41.168 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

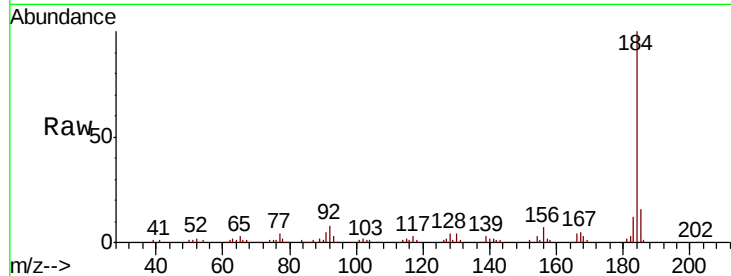
ClientSampleId :

SSTDIC050

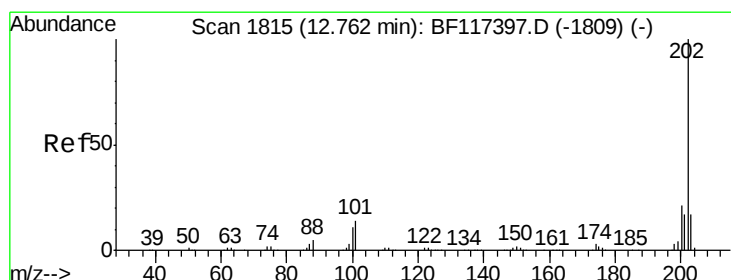
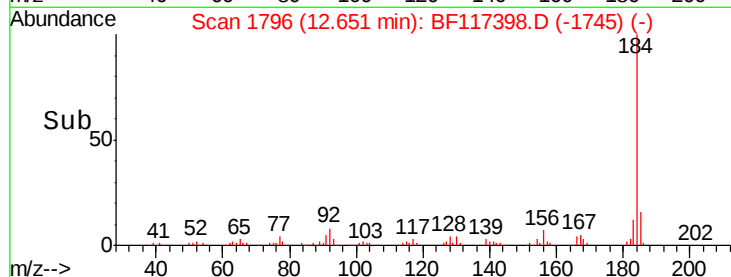
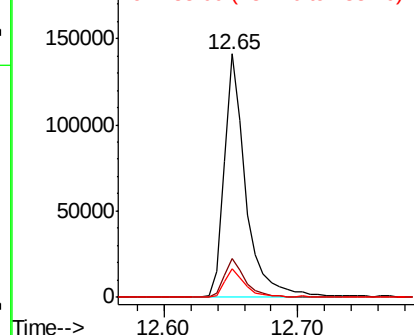
Tot Ion:	184	Resp:	161039
Ion Ratio	Lower	Upper	
184	100		
185	16.2	12.2	18.2
183	11.8	8.9	13.3

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



#78

Pyrene

Concen: 51.233 ng

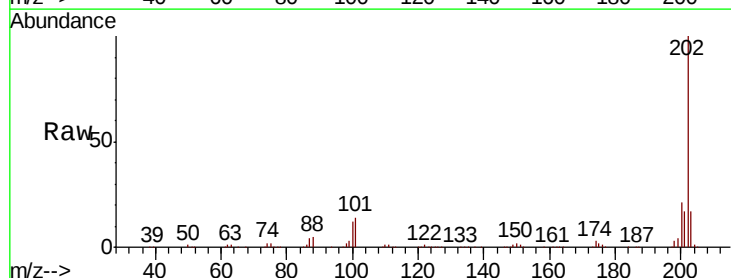
RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

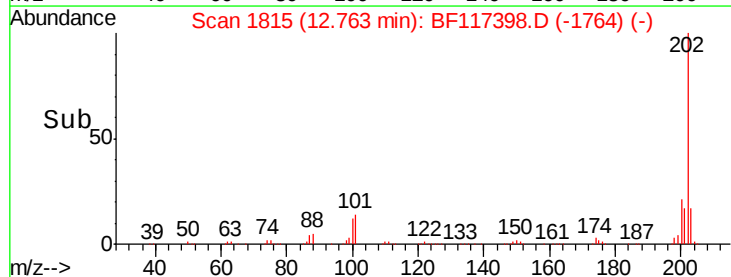
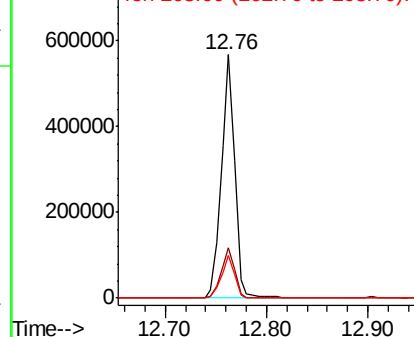
Lab File: BF117398.D

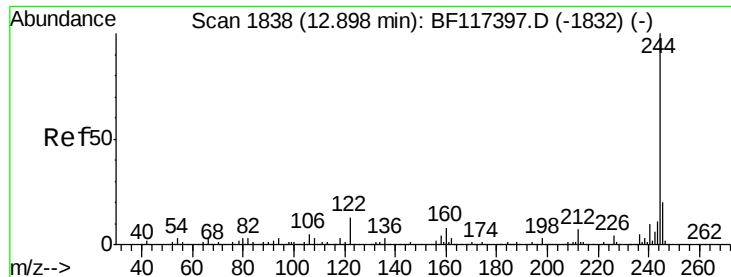
Acq: 14 Oct 2019 13:29

Tgt Ion:	202	Resp:	522034
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.8	25.2
203	17.3	14.0	21.0



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





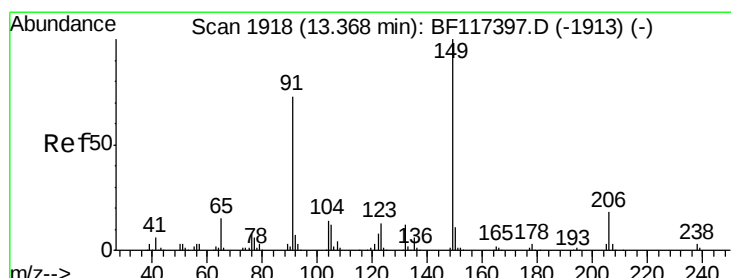
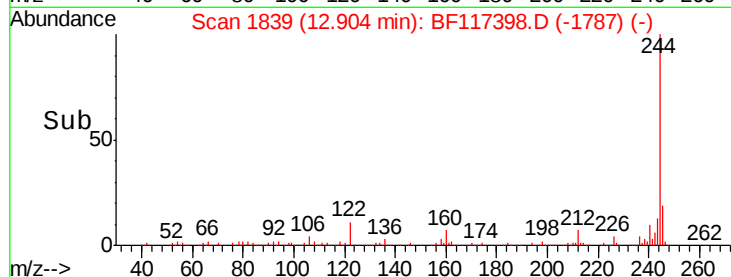
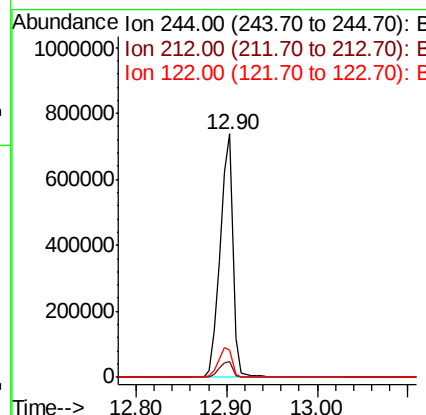
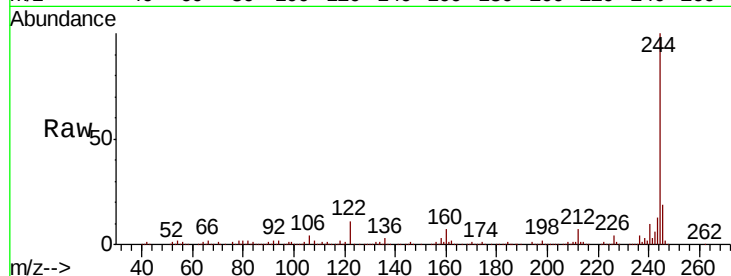
#79
 Terphenyl-d14
 Concen: 110.909 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.01 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	11.4	10.7	16.1

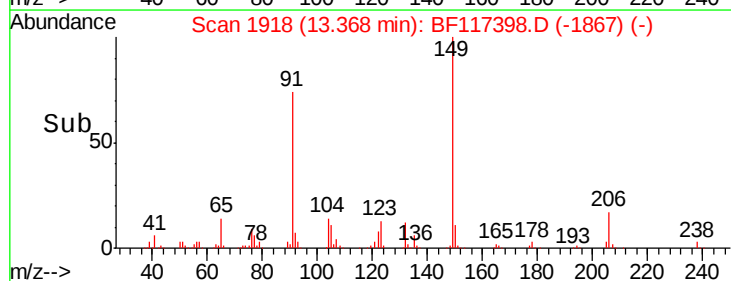
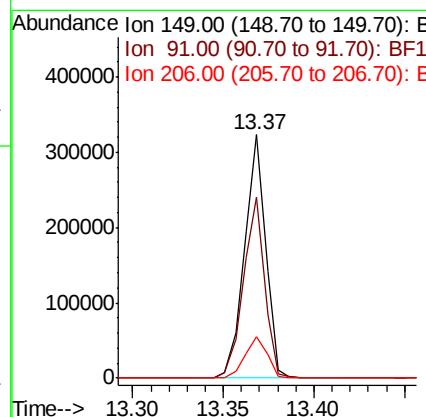
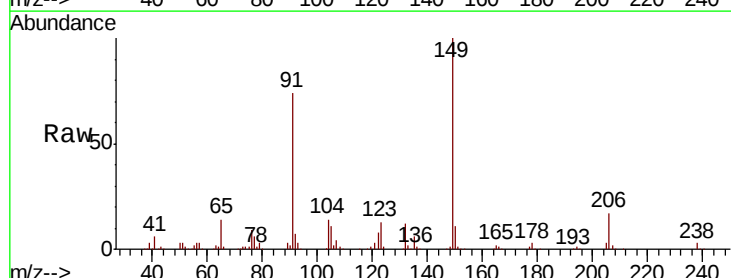
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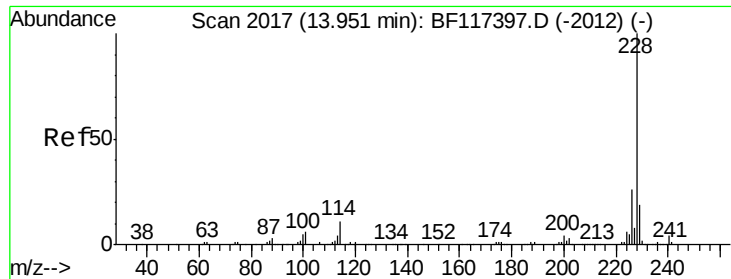
mohammad
 10/16/2019 8:09:59 AM



#80
 Butylbenzylphthalate
 Concen: 54.724 ng
 RT: 13.37 min Scan# 1918
 Delta R.T. 0.00 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.5	58.5	87.7
206	17.2	14.4	21.6





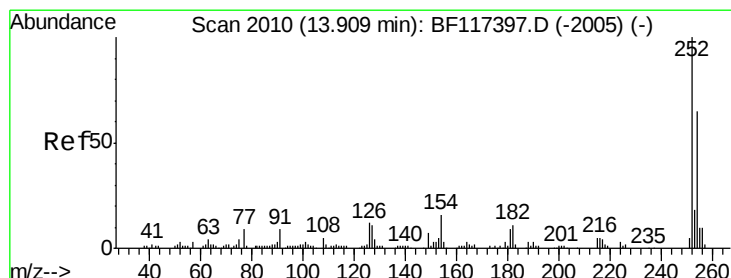
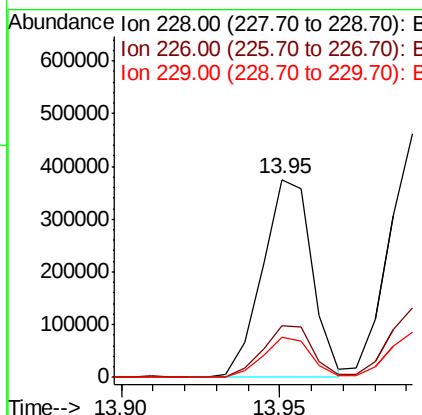
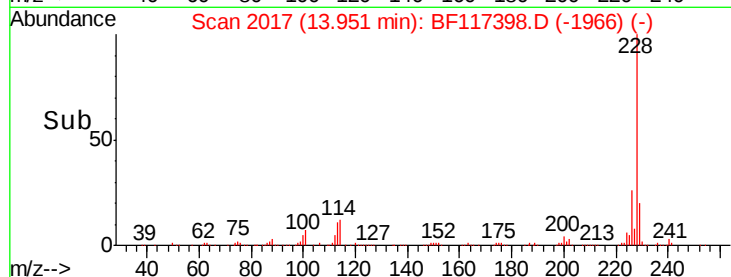
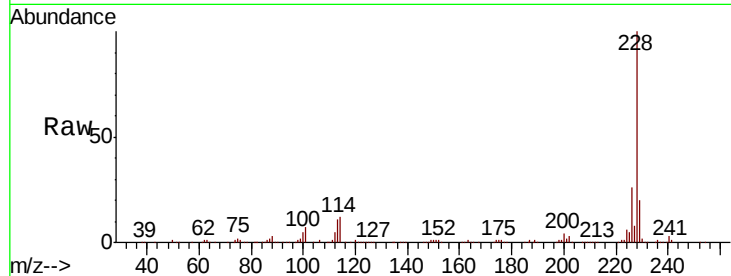
#81
Benzo(a)anthracene
Concen: 50.257 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.9	20.9	31.3
229	20.1	15.2	22.8

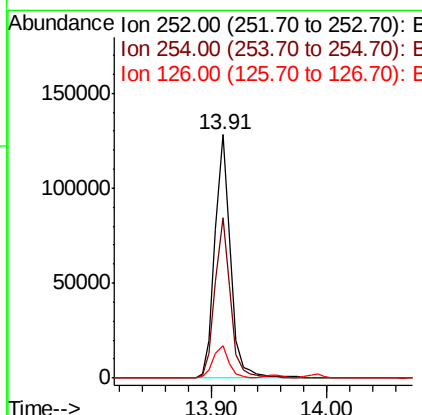
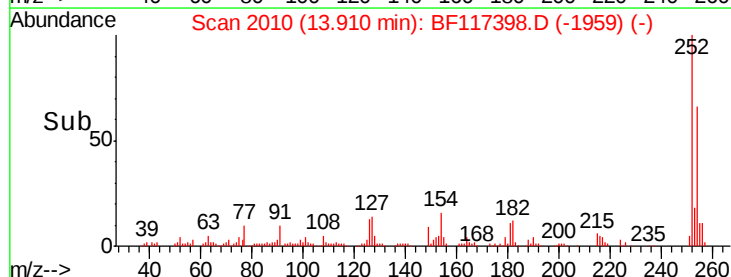
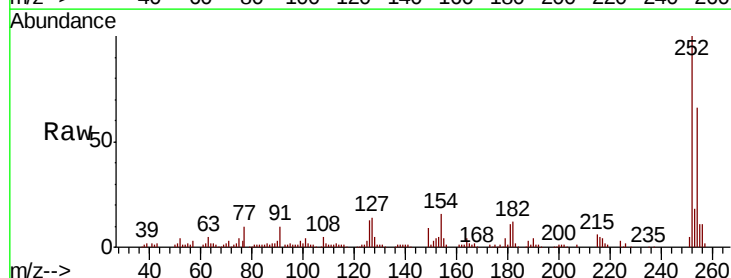
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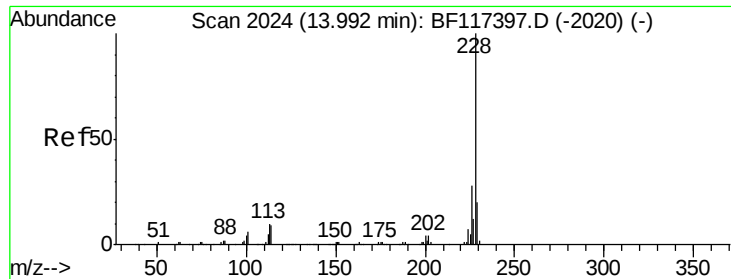
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 46.157 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.6	77.4
126	13.3	9.6	14.4





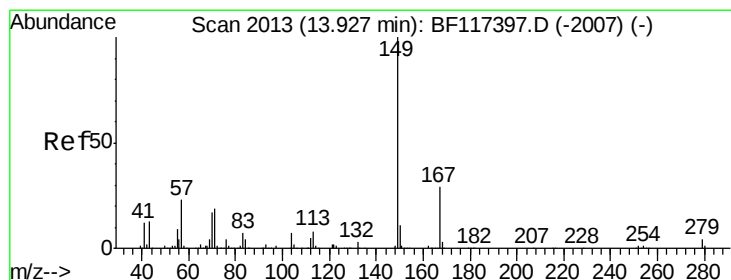
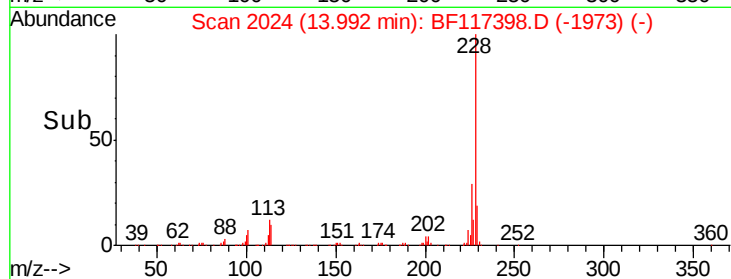
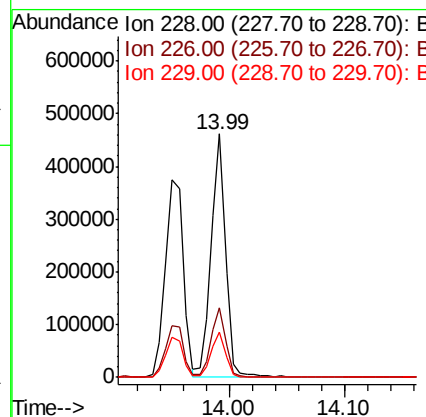
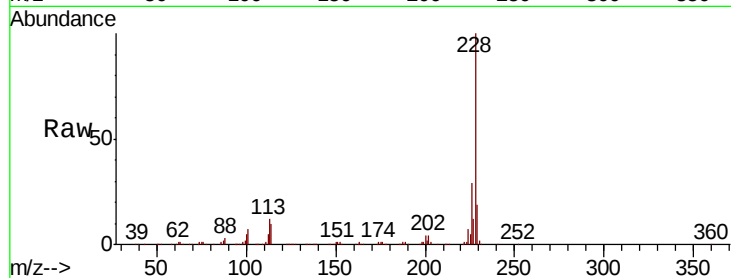
#83
 Chrvsene
 Concen: 51.263 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.8	34.2
229	18.6	15.7	23.5

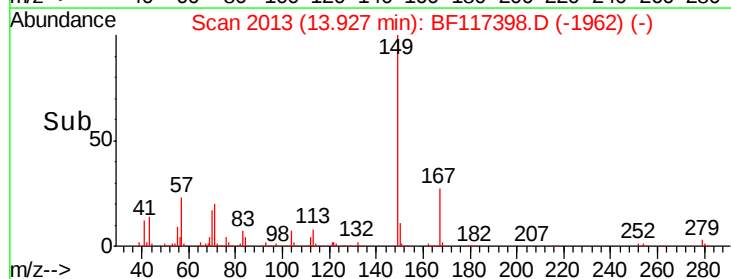
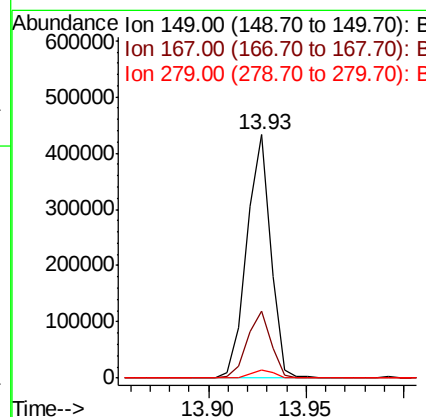
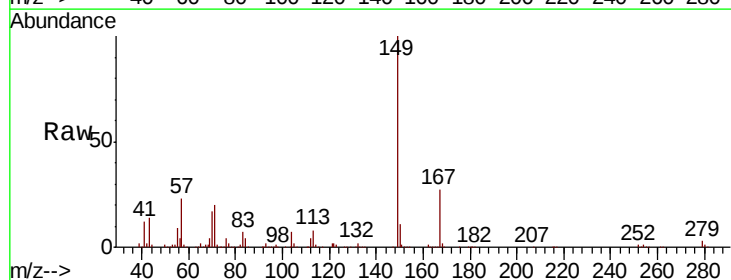
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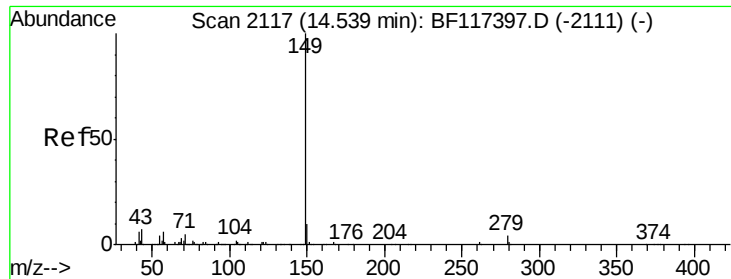
mohammad
 10/16/2019 8:09:59 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 59.361 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	23.0	34.6
279	3.3	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 57.215 ng

RT: 14.54 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

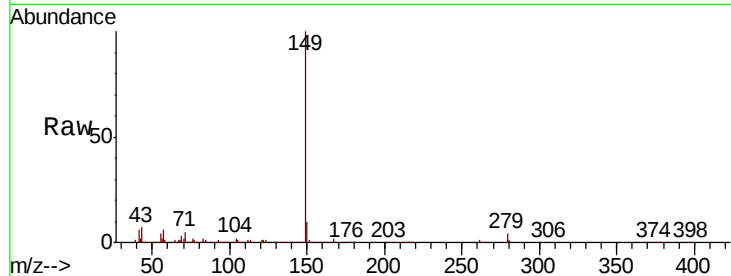
ClientSampleId :

SSTDIC050

Tot Ion:	149	Resp:	559032
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	8.4	6.6	9.8

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

14.54

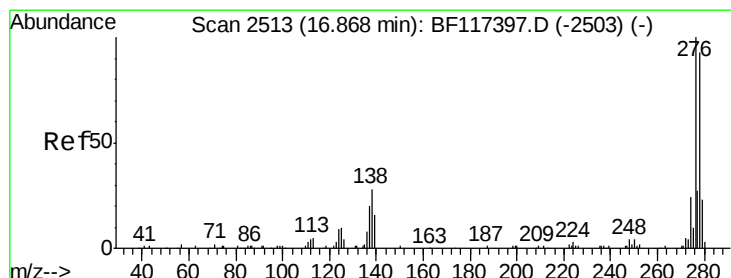
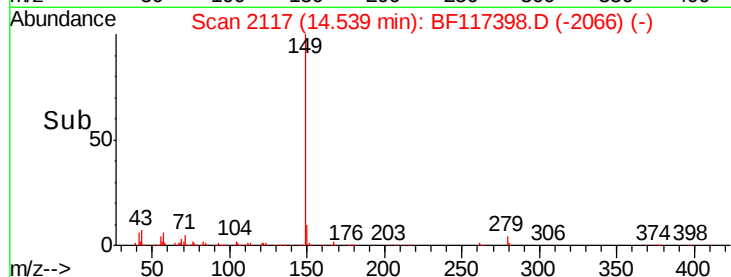
600000

400000

200000

0

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.096 ng

RT: 16.87 min Scan# 2514

Delta R.T. 0.01 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Tgt Ion:	276	Resp:	266115
Ion Ratio	Lower	Upper	
276	100		
138	27.2	21.5	32.3
277	24.5	20.1	30.1

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

16.87

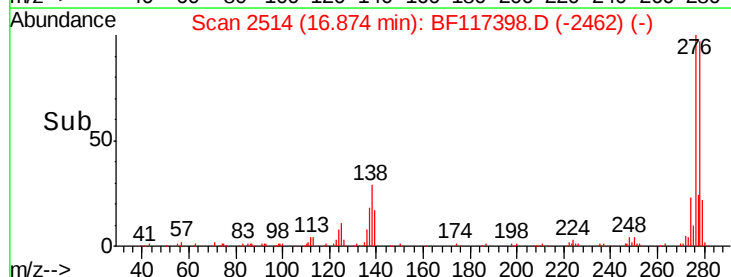
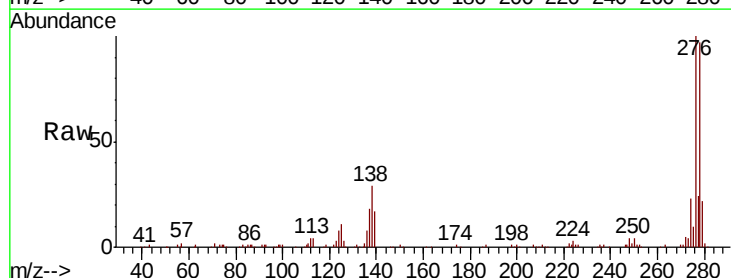
150000

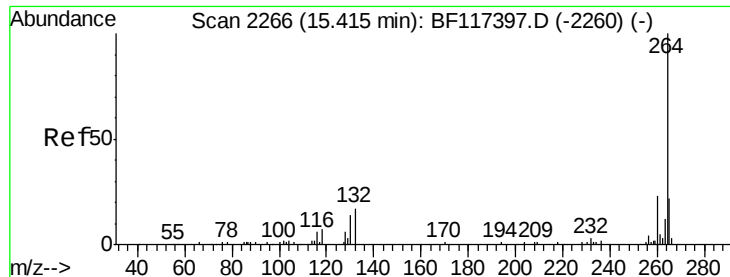
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50000

0

Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

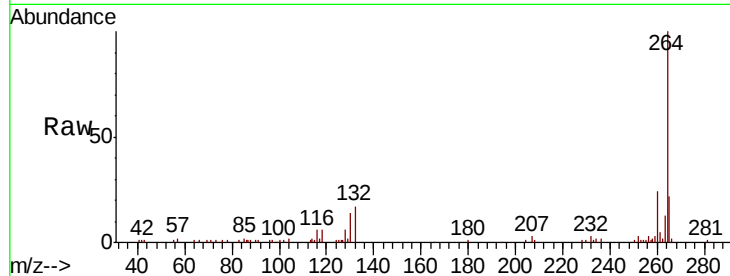
ClientSampleId :

SSTDICC050

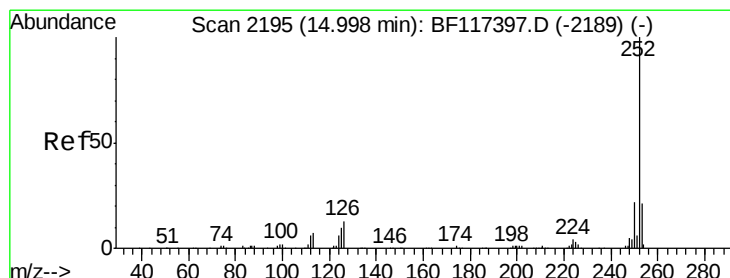
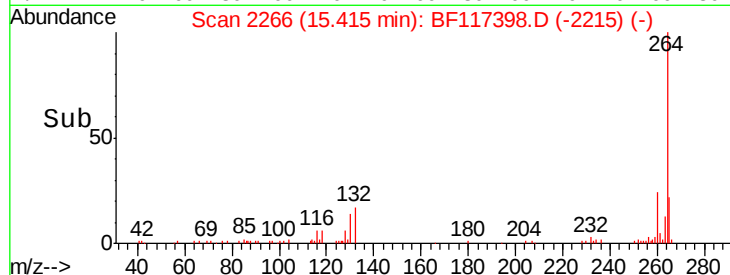
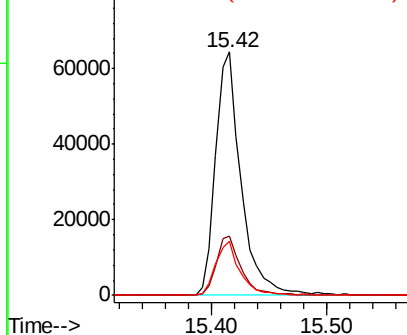
Tot Ion:	264	Resp:	98668
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.6	27.8
265	22.5	17.4	26.0

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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: 51.323 ng

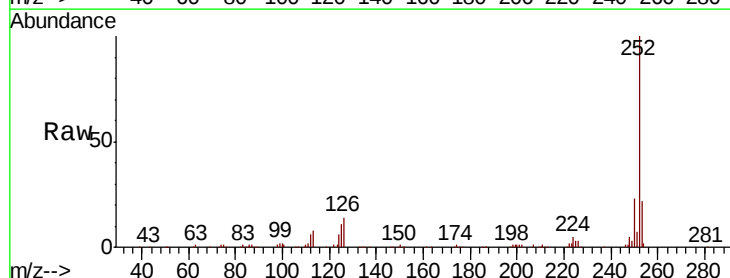
RT: 15.00 min Scan# 2195

Delta R.T. 0.00 min

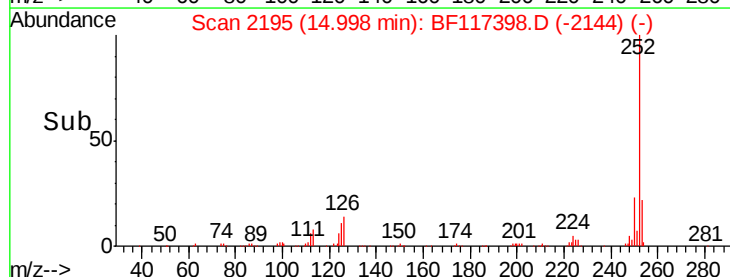
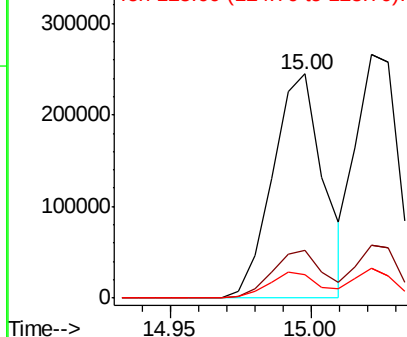
Lab File: BF117398.D

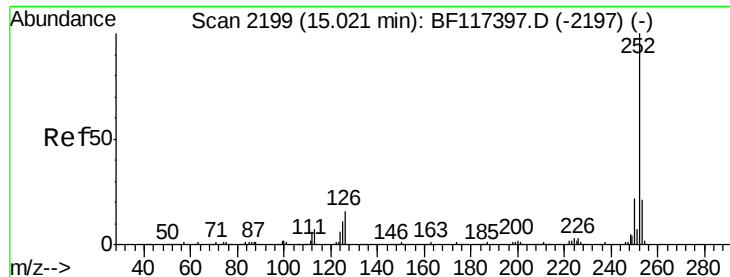
Acq: 14 Oct 2019 13:29

Tgt Ion:	252	Resp:	306740
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.2	25.8
125	10.5	8.2	12.2



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





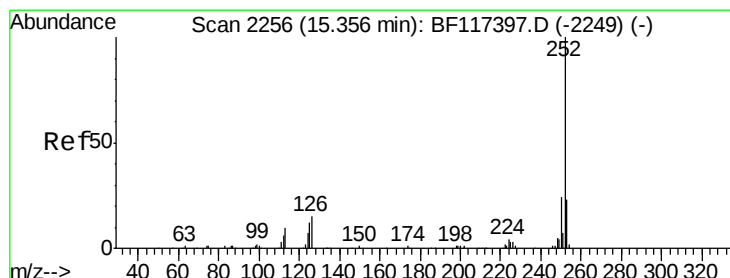
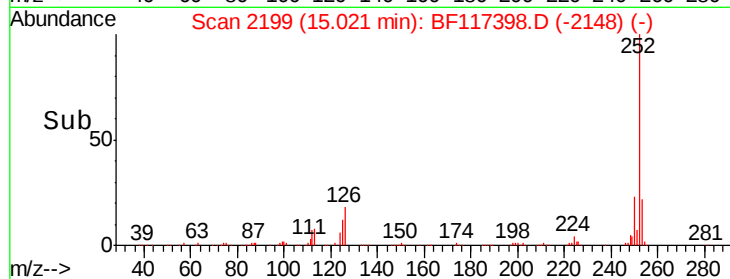
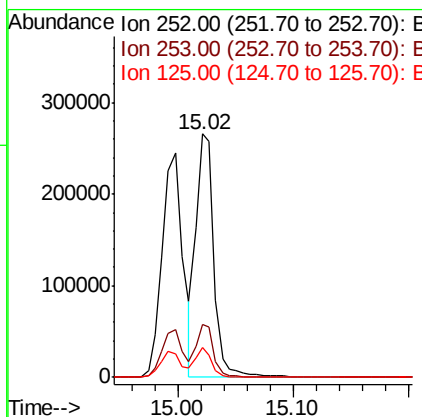
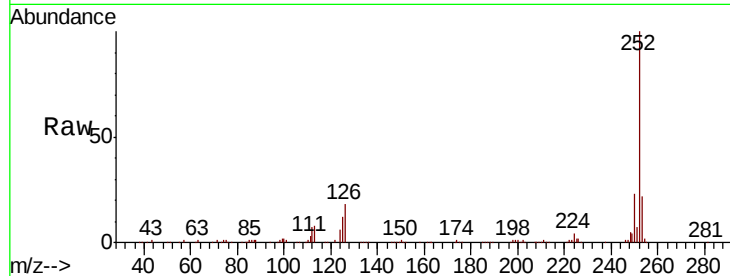
#89
Benzo(k)fluoranthene
Concen: 51.270 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	12.3	9.4	14.2

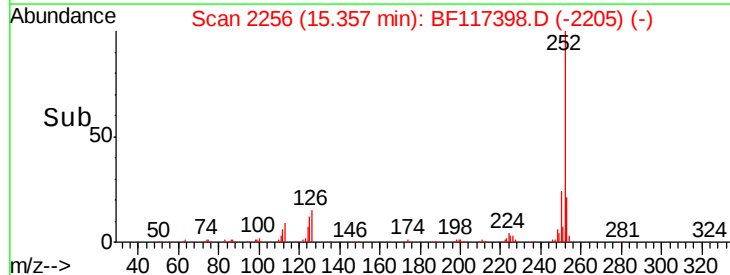
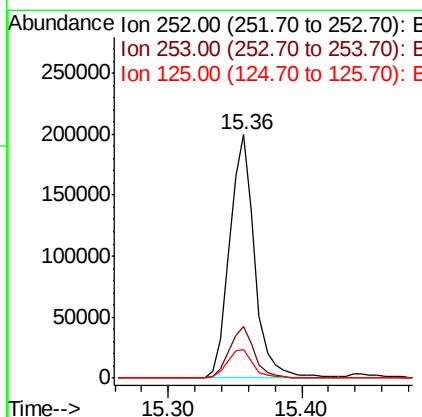
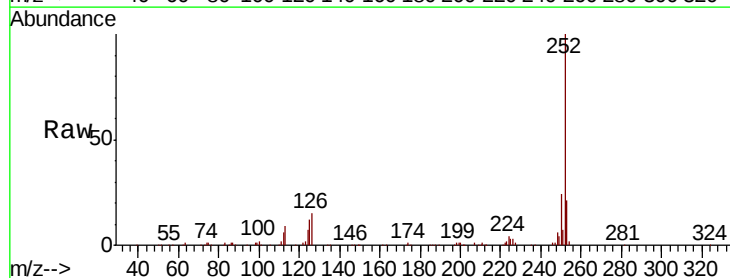
Manual Integrations
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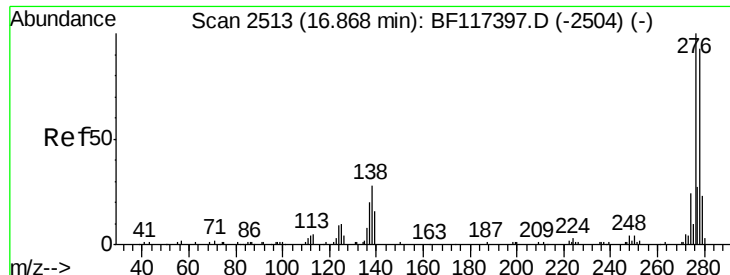
mohammad
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#90
Benzo(a)pyrene
Concen: 50.306 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	11.9	9.4	14.0





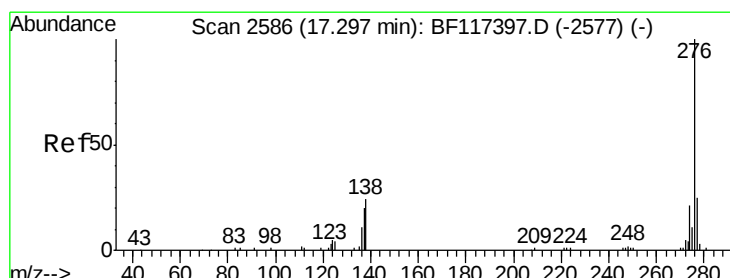
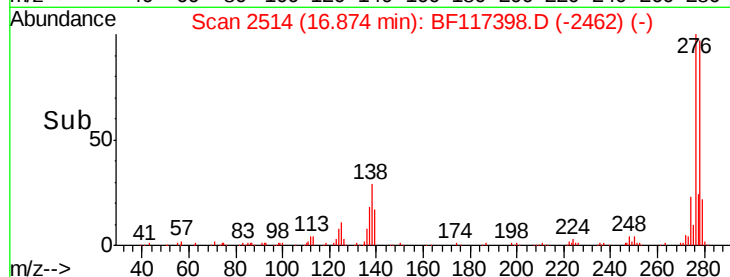
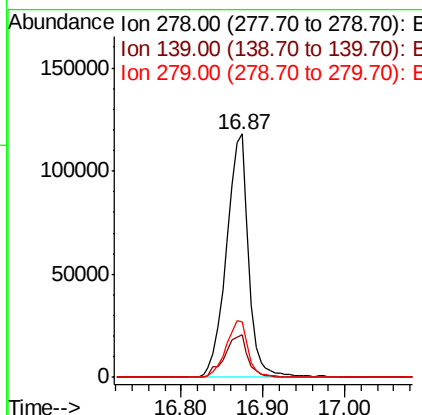
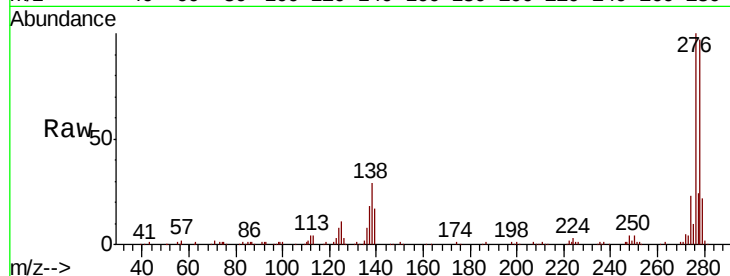
#91
Dibenzo(a,h)anthracene
Concen: 53.445 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.1	21.1
279	23.0	19.8	29.6

Manual Integrations
APPROVED

mohammad
10/16/2019 8:09:59 AM



#92
Benzo(g,h,i)perylene
Concen: 51.088 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.9	29.9
138	21.8	19.3	28.9

