

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
 Data File : BF117396.D
 Acq On : 14 Oct 2019 12:36
 Operator : JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

mohammad
 10/16/2019 8:09:56 AM

Quant Time: Oct 14 14:32:30 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	47665	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	203311	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	103310	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	169782	20.00	ng	0.00
76) Chrysene-d12	13.96	240	127417	20.00	ng	0.00
87) Perylene-d12	15.41	264	111218	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	130028	42.59	ng	0.00
7) Phenol-d6	6.43	99	171403	43.44	ng	0.00
23) Nitrobenzene-d5	7.36	82	166842	43.12	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	35414	41.02	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	300501	45.48	ng	0.00
79) Terphenyl-d14	12.90	244	308271	45.22	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.52	88	26447	20.702 ng	98
3) Pyridine	3.27	79	60601	17.331 ng	98
4) n-Nitrosodimethylamine	3.20	42	19435	16.196 ng	88
6) Aniline	6.46	93	107628	21.187 ng	# 84
8) 2-Chlorophenol	6.58	128	72340	21.964 ng	96
9) Benzaldehyde	6.35	77	48668	22.590 ng	99
10) Phenol	6.45	94	90616	20.833 ng	90
11) bis(2-Chloroethyl)ether	6.52	93	69098	21.614 ng	100
12) 1,3-Dichlorobenzene	6.73	146	78657	21.283 ng	98
13) 1,4-Dichlorobenzene	6.81	146	82719	21.932 ng	97
14) 1,2-Dichlorobenzene	6.96	146	77734	22.136 ng	95
15) Benzyl Alcohol	6.94	79	63950	21.136 ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	71606	22.672 ng	88
17) 2-Methylphenol	7.06	107	58745	21.282 ng	97
18) Hexachloroethane	7.30	117	31610	21.785 ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	52648	21.913 ng	93
20) 3+4-Methylphenols	7.22	107	78710	22.892 ng	# 88
22) Acetophenone	7.20	105	111565	21.598 ng	95
24) Nitrobenzene	7.37	77	84389	22.084 ng	97
25) Isophorone	7.61	82	144234	21.052 ng	98
26) 2-Nitrophenol	7.70	139	35035	21.345 ng	96
27) 2,4-Dimethylphenol	7.73	122	55150	21.188 ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	89533	21.211 ng	98
29) 2,4-Dichlorophenol	7.95	162	56737	20.803 ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	62576	21.237 ng	99
31) Naphthalene	8.09	128	209083	21.383 ng	98
32) Benzoic acid	7.86	122	26857	14.671 ng	91
33) 4-Chloroaniline	8.15	127	91114	21.009 ng	98
34) Hexachlorobutadiene	8.21	225	35128	21.013 ng	98
35) Caprolactam	8.51	113	18302	19.826 ng	96
36) 4-Chloro-3-methylphenol	8.64	107	65798	20.691 ng	91
37) 2-Methylnaphthalene	8.79	142	143213	21.750 ng	97
38) 1-Methylnaphthalene	8.89	142	134017	21.732 ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	58587	21.961 ng	97

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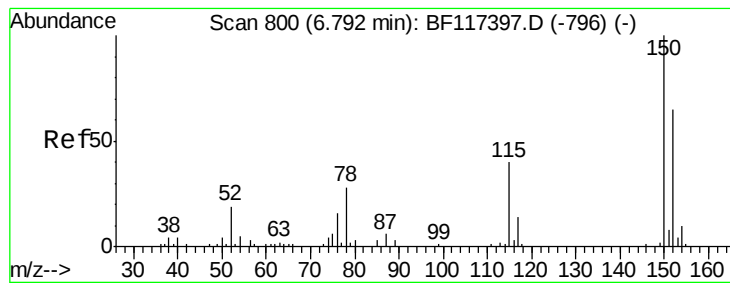
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 10/16/2019 8:09:56 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	4360	4.345	nq	92
43) 2,4,6-Trichlorophenol	9.07	196	37323	20.616	nq	97
44) 2,4,5-Trichlorophenol	9.13	196	36553	18.898	nq	96
46) 1,1'-Biphenyl	9.25	154	176849	21.823	nq	98
47) 2-Chloronaphthalene	9.27	162	137127	21.441	nq	98
48) 2-Nitroaniline	9.38	65	43601	21.255	nq	93
49) Acenaphthylene	9.69	152	203385	21.228	nq	99
50) Dimethylphthalate	9.55	163	154278	21.091	nq	99
51) 2,6-Dinitrotoluene	9.62	165	32423	21.763	nq	97
52) Acenaphthene	9.86	154	124639	21.946	nq	99
53) 3-Nitroaniline	9.79	138	40472	21.531	nq	90
54) 2,4-Dinitrophenol	9.92	184	10006	18.974	nq	92
55) Dibenzofuran	10.03	168	183708	21.924	nq	96
56) 4-Nitrophenol	9.98	139	12750	10.466	nq	87
57) 2,4-Dinitrotoluene	10.03	165	42248	21.847	nq	# 95
58) Fluorene	10.37	166	151728	22.478	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.16	232	30956m	20.914	nq	
60) Diethylphthalate	10.25	149	158062	21.964	nq	99
61) 4-Chlorophenyl-phenylether	10.36	204	66432	22.747	nq	89
62) 4-Nitroaniline	10.40	138	39977	20.451	nq	97
63) Azobenzene	10.53	77	160034	21.773	nq	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	13966	19.599	nq	96
66) n-Nitrosodiphenylamine	10.48	169	131740	22.468	nq	95
67) 4-Bromophenyl-phenylether	10.85	248	37041	21.363	nq	94
68) Hexachlorobenzene	10.93	284	40335	21.269	nq	93
69) Atrazine	11.01	200	33482	23.246	nq	96
70) Pentachlorophenol	11.14	266	11623	13.075	nq	86
71) Phenanthrene	11.34	178	211771	21.960	nq	99
72) Anthracene	11.39	178	214224	21.759	nq	99
73) Carbazole	11.55	167	199040	21.299	nq	100
74) Di-n-butylphthalate	11.87	149	263293	23.680	nq	100
75) Fluoranthene	12.53	202	211821	21.377	nq	98
77) Benzidine	12.65	184	93981	22.897	nq	99
78) Pyrene	12.76	202	217683	20.361	nq	100
80) Butylbenzylphthalate	13.37	149	106768	21.135	nq	96
81) Benzo(a)anthracene	13.95	228	176861	20.776	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	60365	22.005	nq	98
83) Chrysene	13.99	228	182029	21.924	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	154167	23.669	nq	98
85) Di-n-octyl phthalate	14.53	149	247286	24.121	nq	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	114558	18.912	nq	99
88) Benzo(b)fluoranthene	14.99	252	136927	20.325	nq	98
89) Benzo(k)fluoranthene	15.02	252	148170	23.218	nq	99
90) Benzo(a)pyrene	15.35	252	125978	21.310	nq	98
91) Dibenzo(a,h)anthracene	16.86	278	98551	20.926	nq	98
92) Benzo(g,h,i)perylene	17.30	276	88505	18.859	nq	98

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



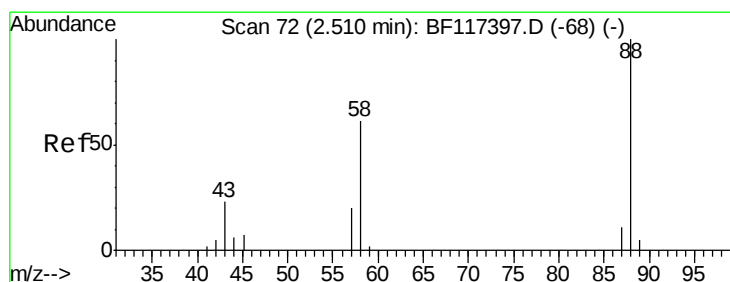
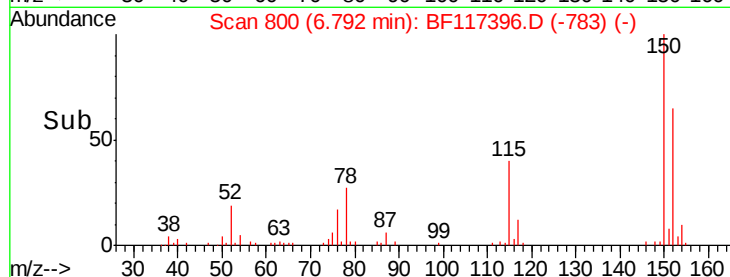
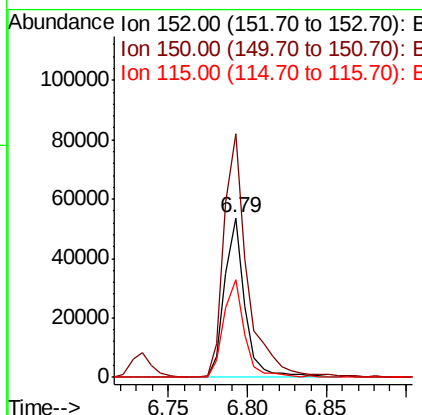
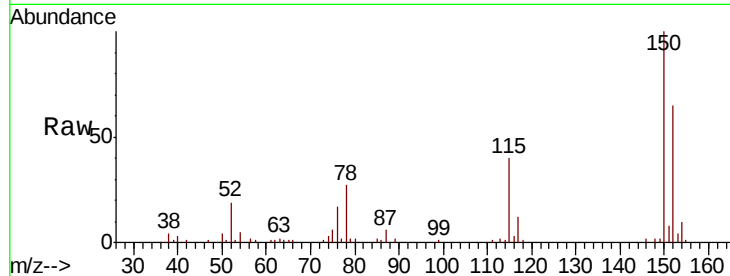
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	122.7	184.1
115	61.5	48.6	73.0

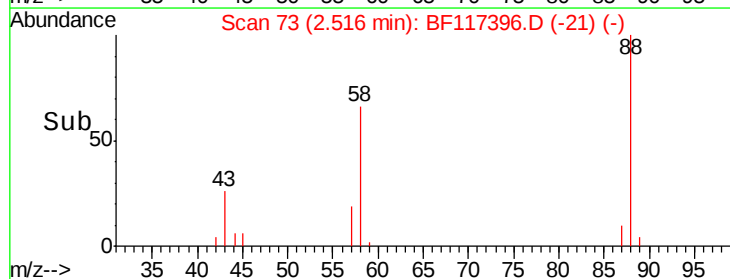
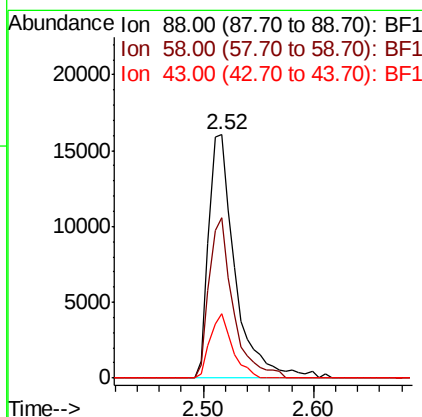
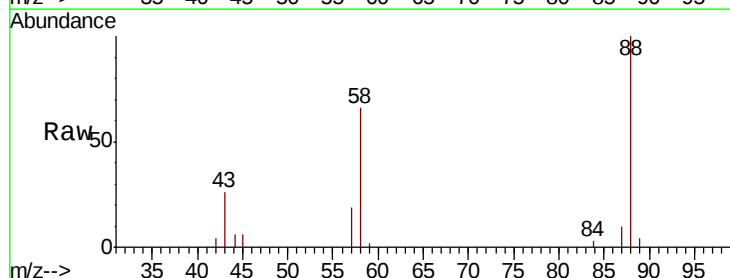
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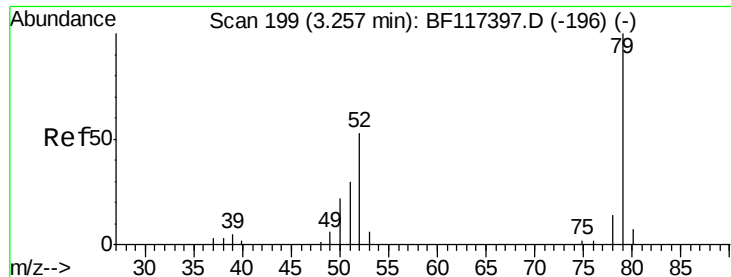
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#2
 1,4-Dioxane
 Concen: 20.702 ng
 RT: 2.52 min Scan# 73
 Delta R.T. 0.01 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.5	49.4	74.2
43	22.1	18.1	27.1





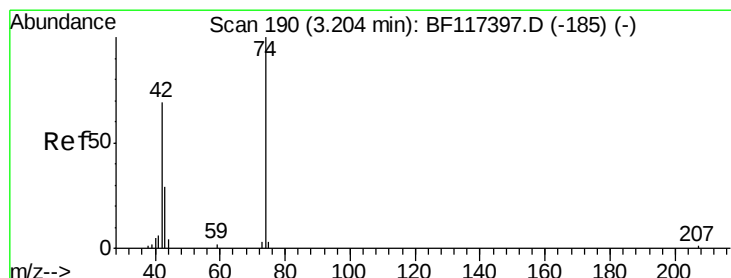
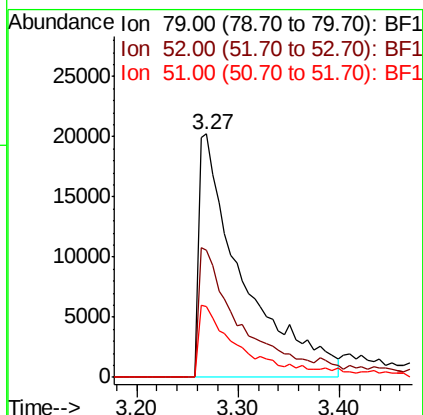
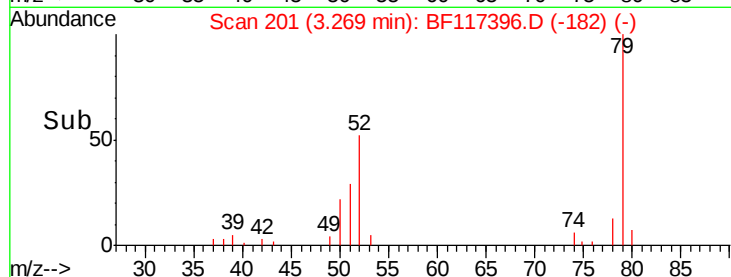
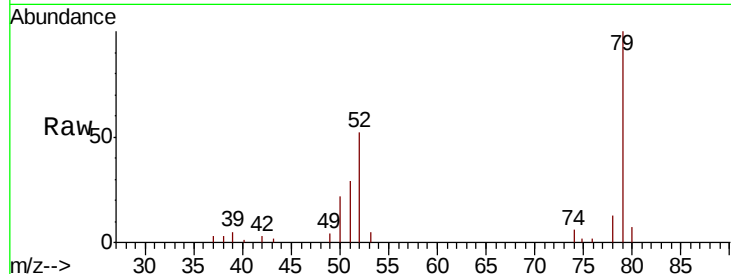
#3
 Pvridine
 Concen: 17.331 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Instrument :
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 ClientSampleID :
 SSTDICC020

Tot Ion:	79	Resp:	60601
Ion	Ratio	Lower	Upper
79	100		
52	52.1	42.7	64.1
51	29.1	23.8	35.8

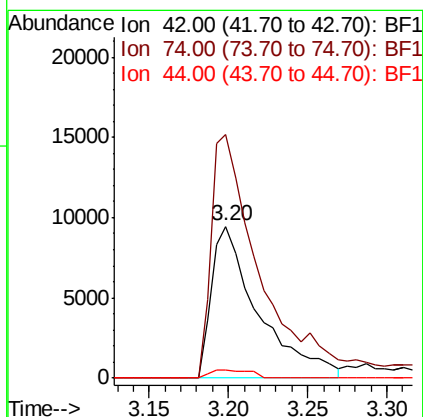
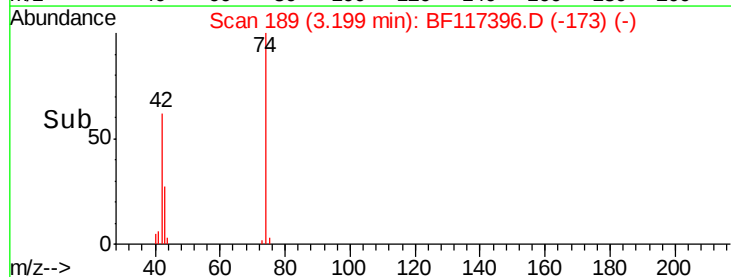
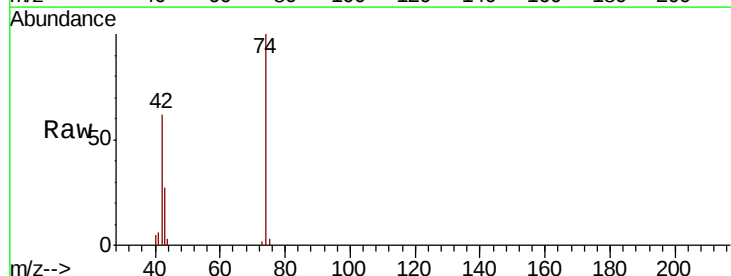
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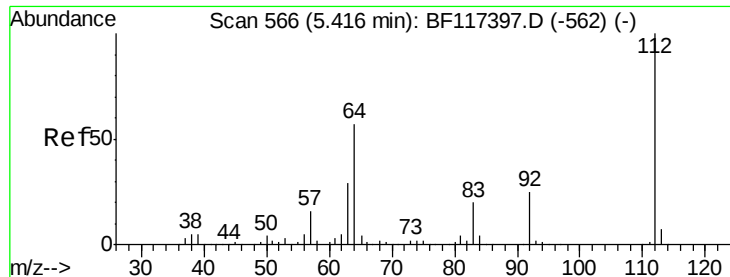
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#4
 n-Nitrosodimethylamine
 Concen: 16.196 ng
 RT: 3.20 min Scan# 189
 Delta R.T. -0.01 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Tgt Ion:	42	Resp:	19435
Ion	Ratio	Lower	Upper
42	100		
74	160.5	116.2	174.4
44	5.1	4.2	6.4





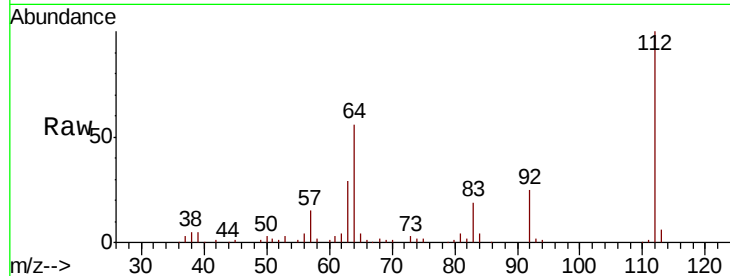
#5
2-Fluorophenol
Concen: 42.590 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

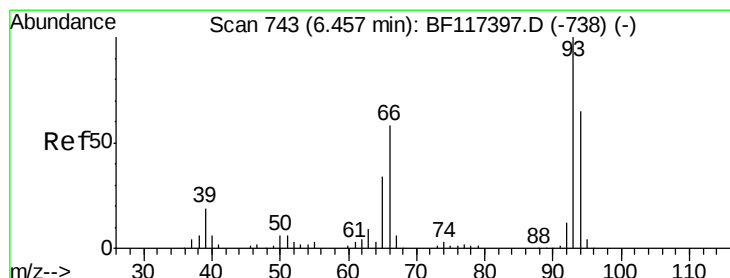
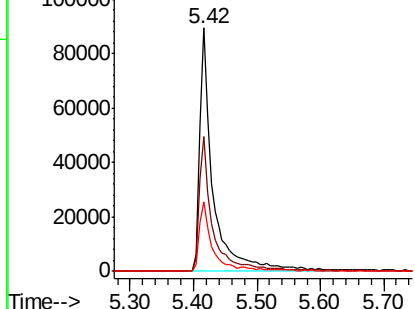
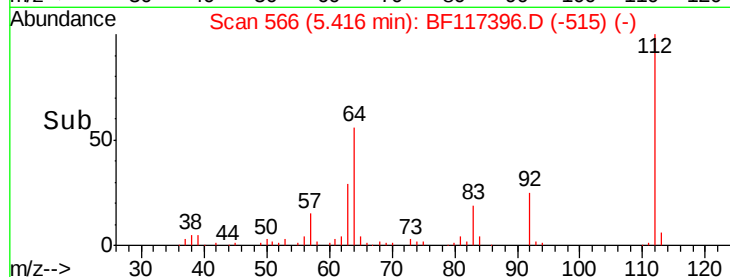
Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	55.5	45.2	67.8
63	28.8	23.4	35.2

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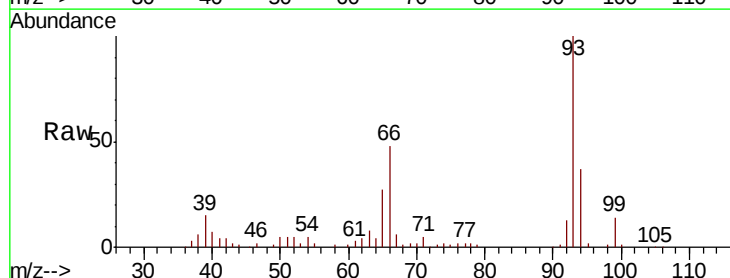


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

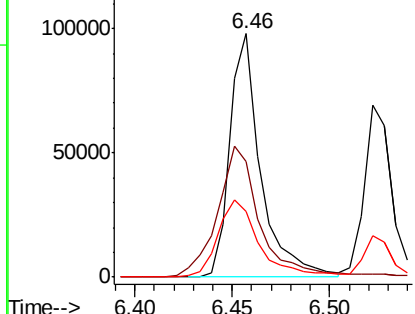
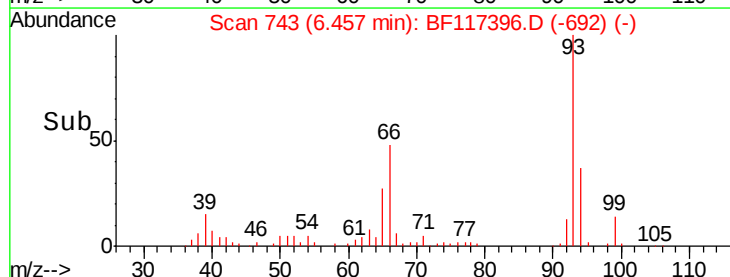


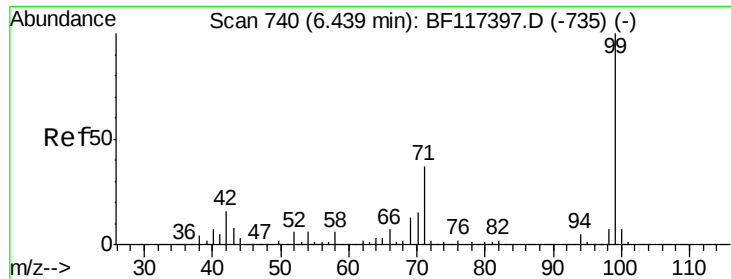
#6
Aniline
Concen: 21.187 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	47.6	48.4	72.6#
65	26.9	27.8	41.6#



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





#7

Phenol-d6

Concen: 43.442 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

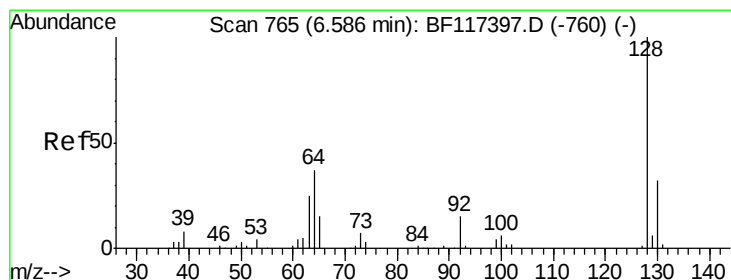
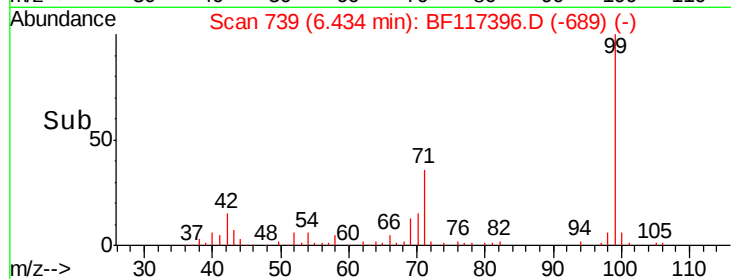
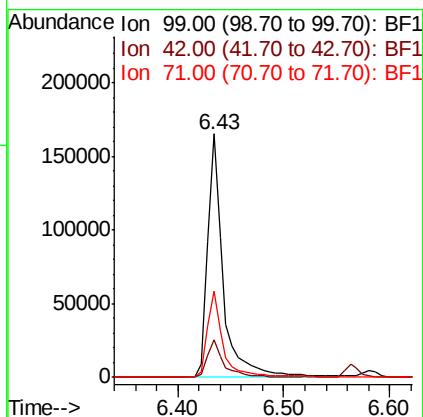
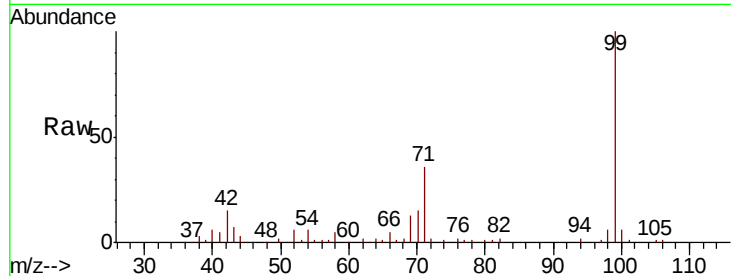
ClientSampleId :

SSTDIC020

Tot Ion:	99	Resp:	171403
Ion Ratio	Lower	Upper	
99	100		
42	15.4	12.5	18.7
71	35.5	29.2	43.8

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#8

2-Chlorophenol

Concen: 21.964 ng

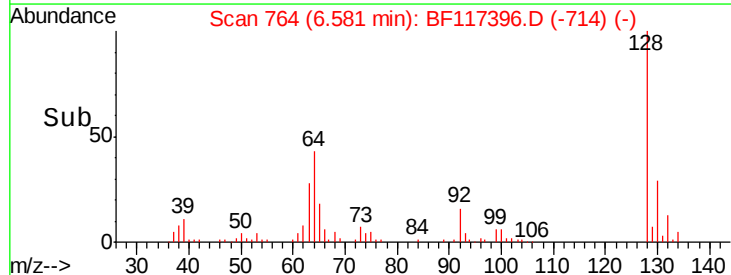
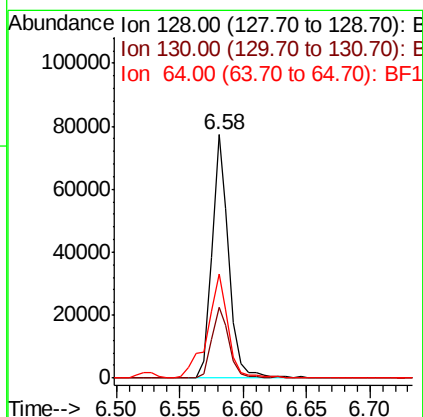
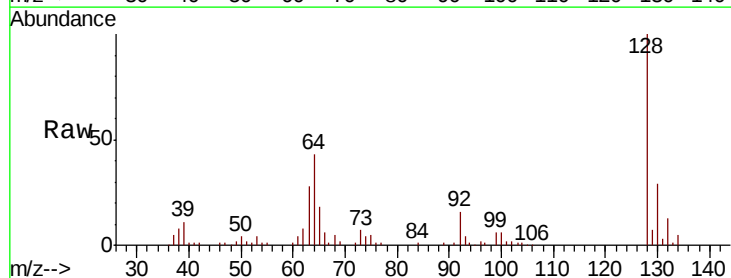
RT: 6.58 min Scan# 764

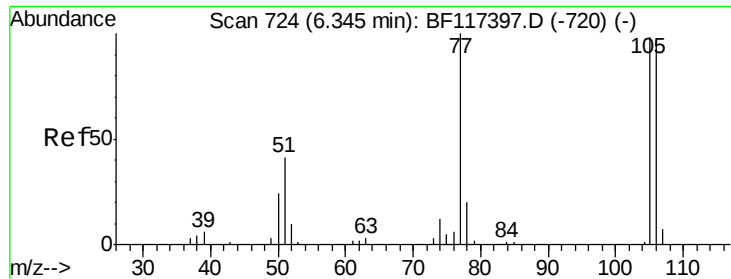
Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Tgt Ion:	128	Resp:	72340
Ion Ratio	Lower	Upper	
128	100		
130	29.1	11.7	51.7
64	42.6	20.4	60.4





#9

Benzaldehyde

Concen: 22.590 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampleID :

SSTDIC020

Tot Ion: 77 Resp: 48668

Ion Ratio Lower Upper

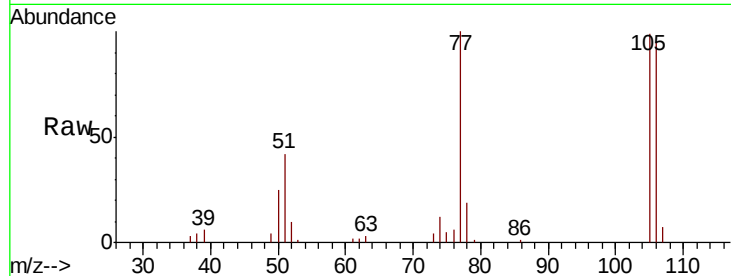
77 100

105 98.7 77.9 117.9

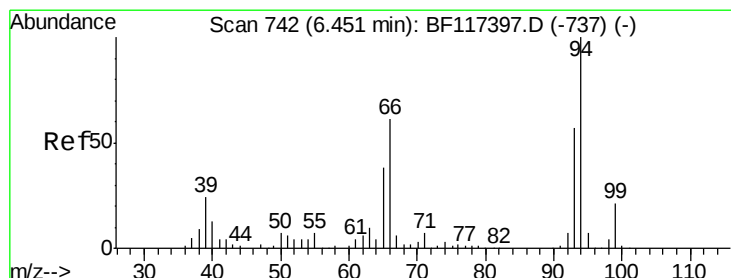
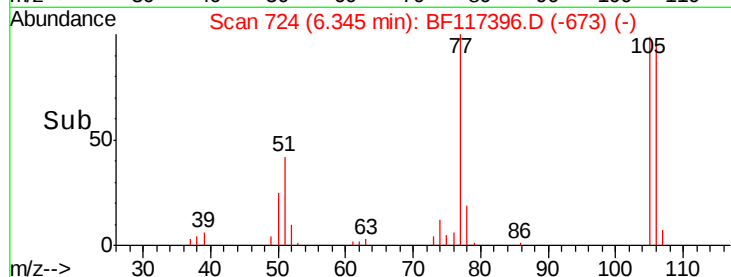
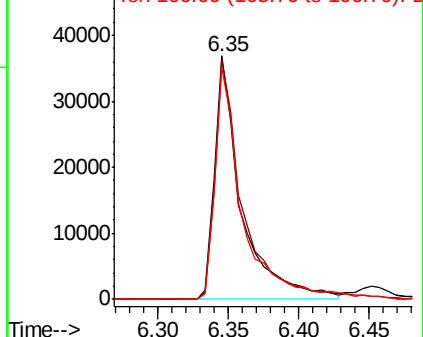
106 95.1 77.2 117.2

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 20.833 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

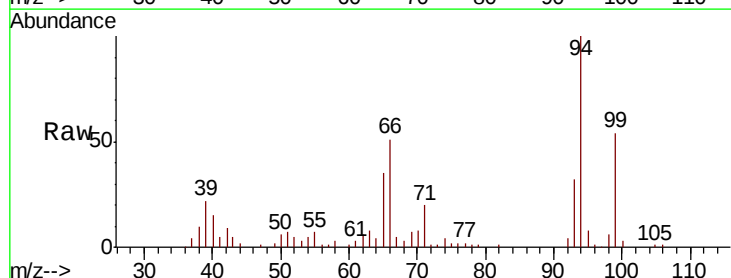
Tgt Ion: 94 Resp: 90616

Ion Ratio Lower Upper

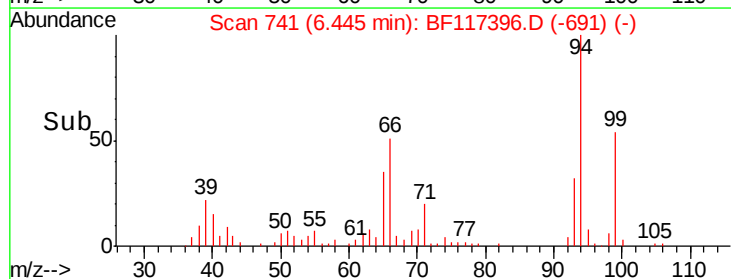
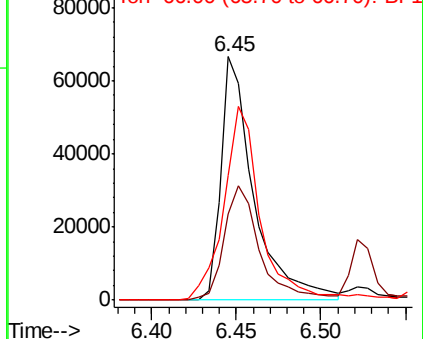
94 100

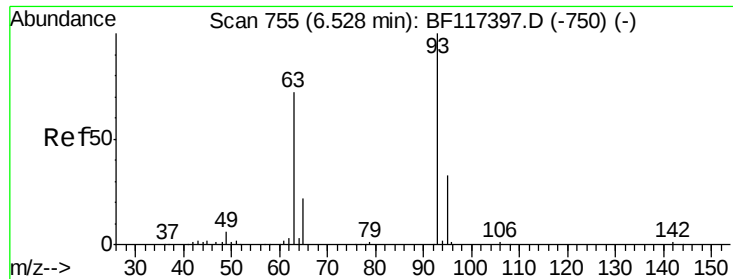
65 35.3 18.2 58.2

66 51.2 41.1 81.1



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





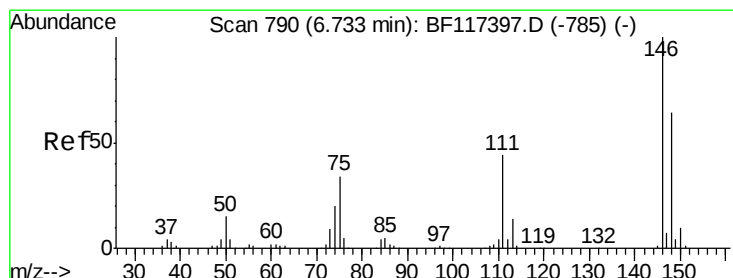
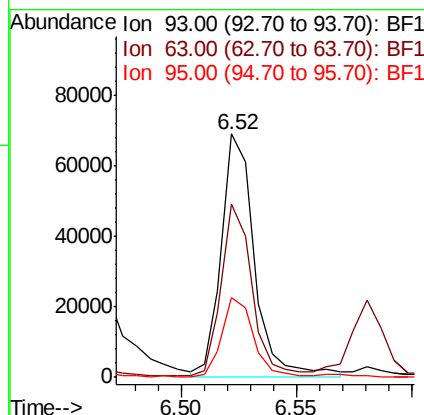
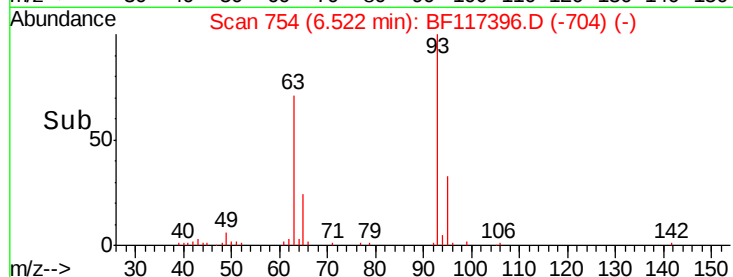
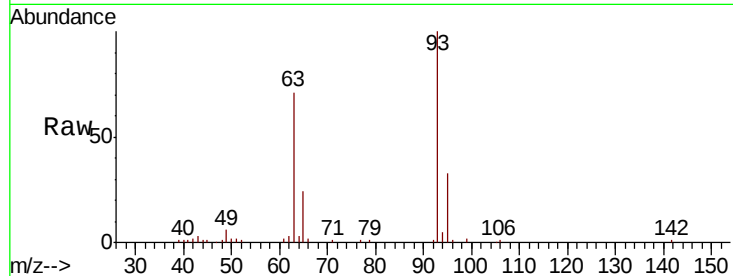
#11
bis(2-Chloroethyl)ether
Concen: 21.614 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:	93	Resp:	69098
Ion	Ratio	Lower	Upper
93	100		
63	71.2	50.9	90.9
95	32.7	12.4	52.4

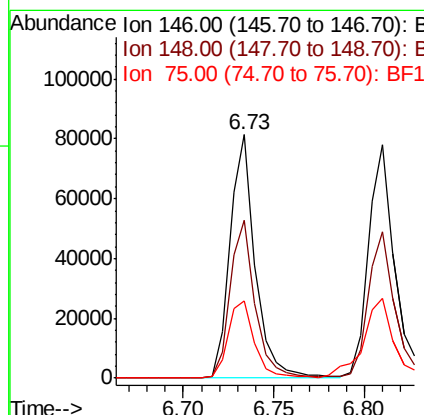
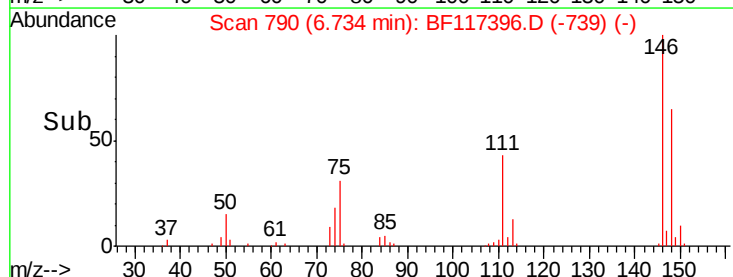
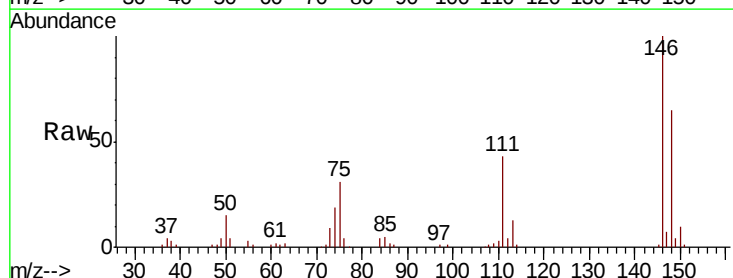
Manual Integrations
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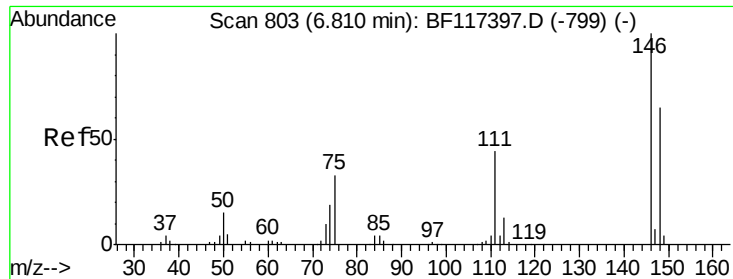
mohammad
10/16/2019 8:09:56 AM



#12
1,3-Dichlorobenzene
Concen: 21.283 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion:	146	Resp:	78657
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.0	76.6
75	31.5	27.4	41.2





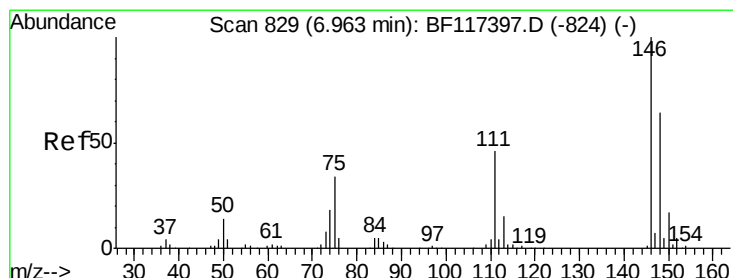
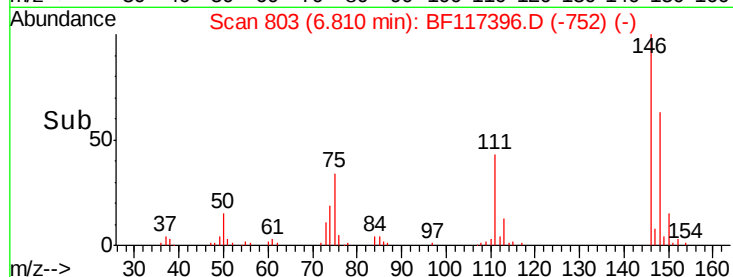
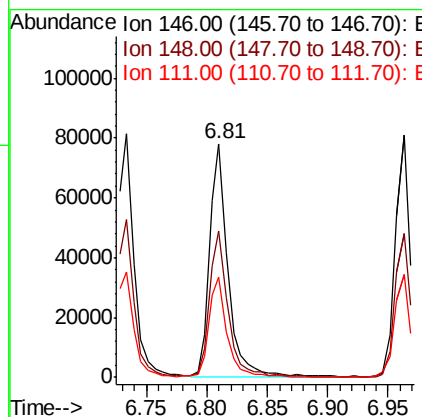
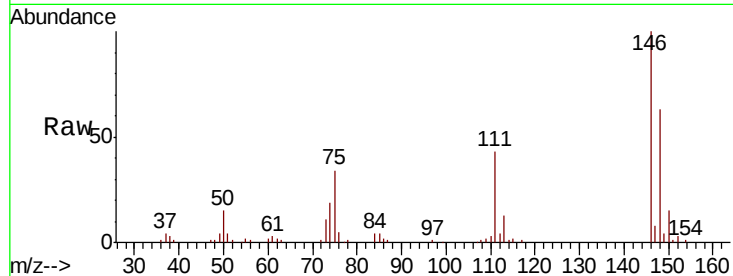
#13
1,4-Dichlorobenzene
Concen: 21.932 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampled :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.2	78.2
111	42.7	35.7	53.5

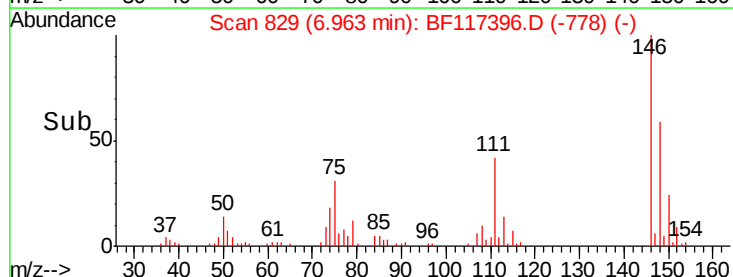
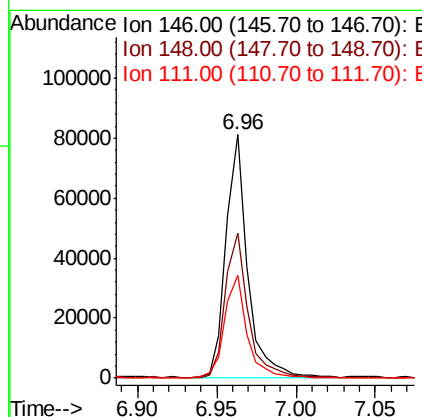
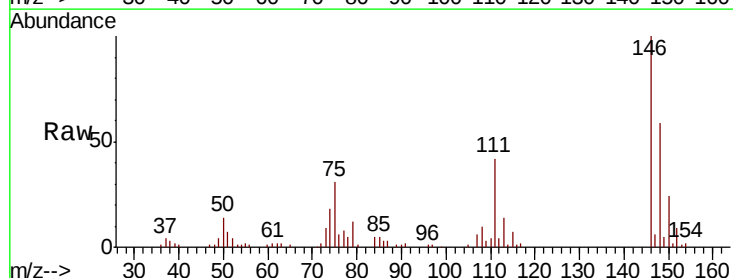
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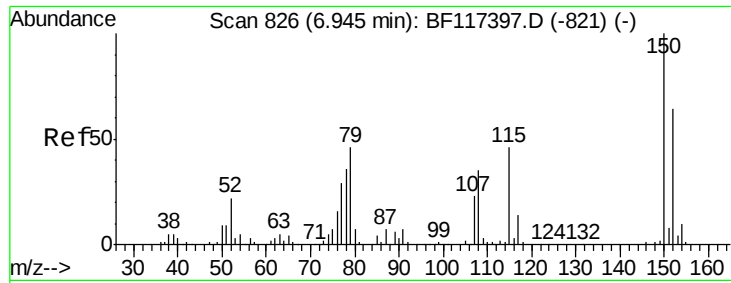
mohammad
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#14
1,2-Dichlorobenzene
Concen: 22.136 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.4	51.0	76.6
111	42.4	36.5	54.7





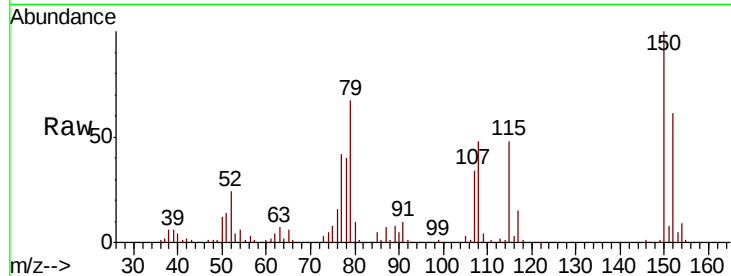
#15
Benzyl Alcohol
Concen: 21.136 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.1	60.4	90.6
77	62.4	50.6	76.0

Manual Integrations
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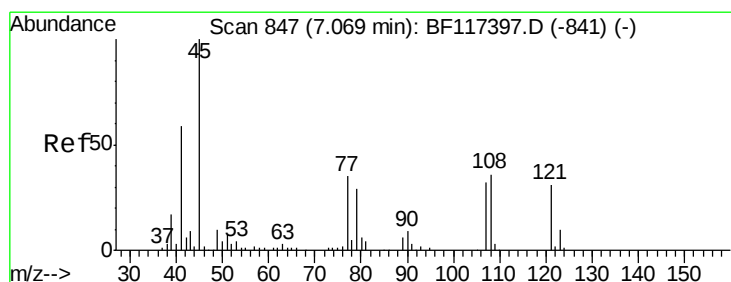
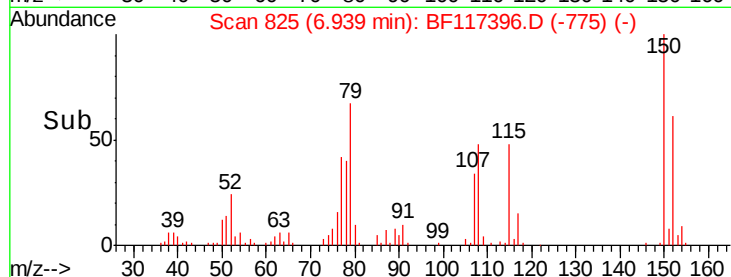
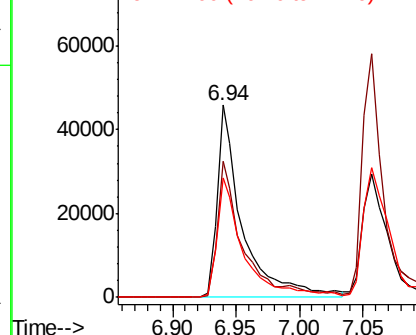


Abundance

Ion 79.00 (78.70 to 79.70): BF1

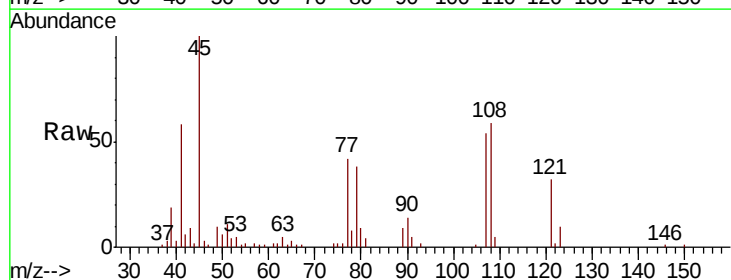
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16
2,2'-oxybis(1-chloropropane)
Concen: 22.672 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	42.4	15.9	55.9
79	37.7	10.7	50.7

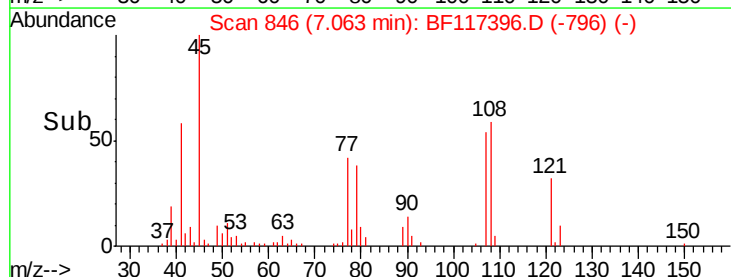
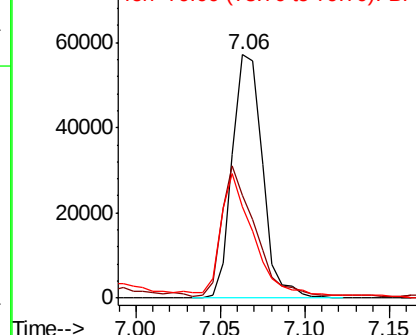


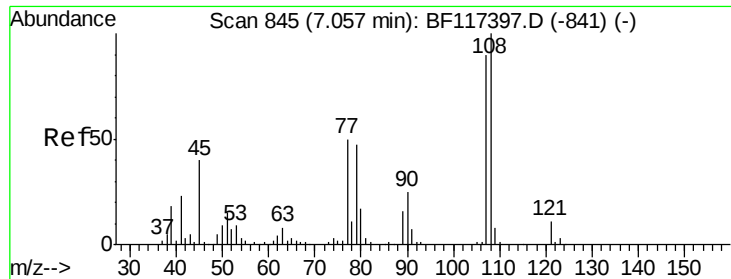
Abundance

Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





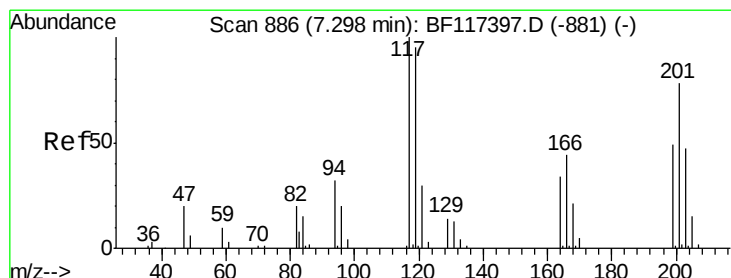
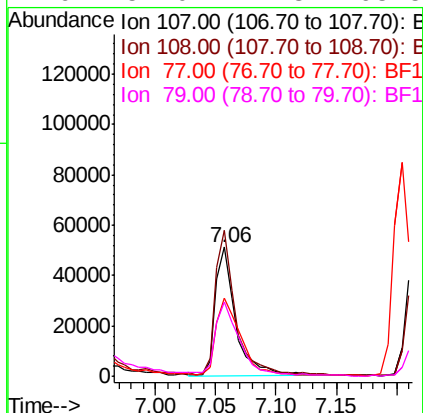
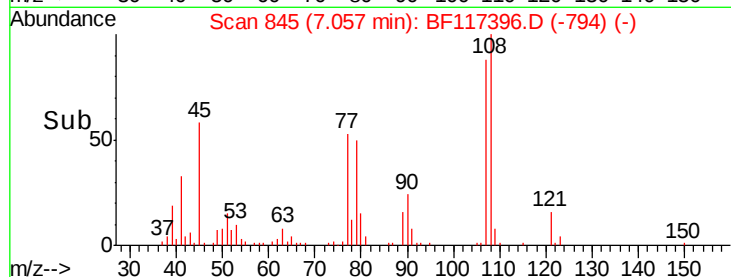
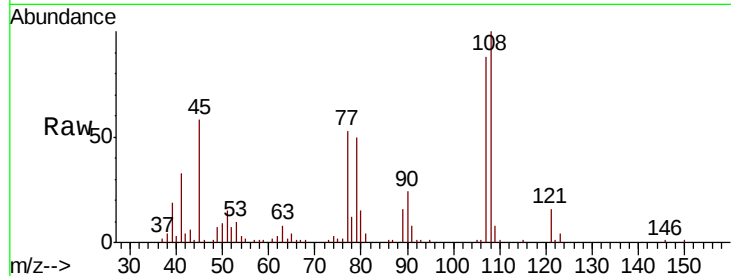
#17
2-Methylphenol
Concen: 21.282 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	89.4	134.2
77	60.3	45.1	67.7
79	57.0	42.3	63.5

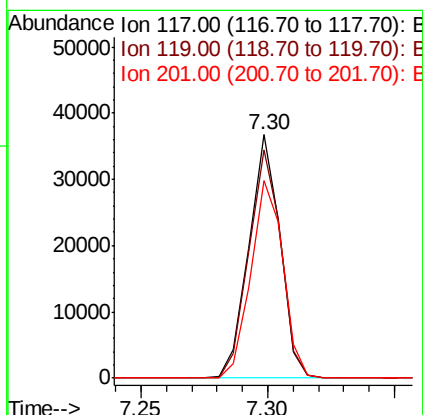
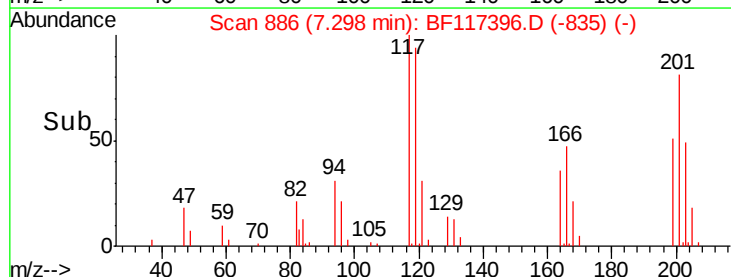
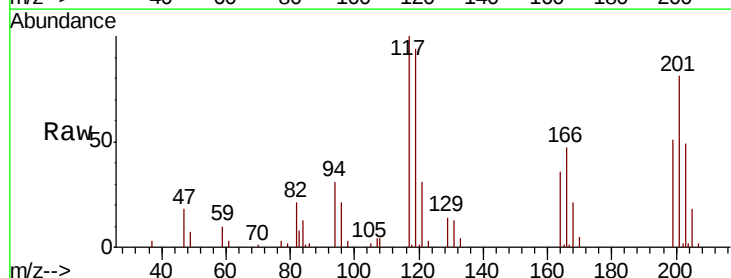
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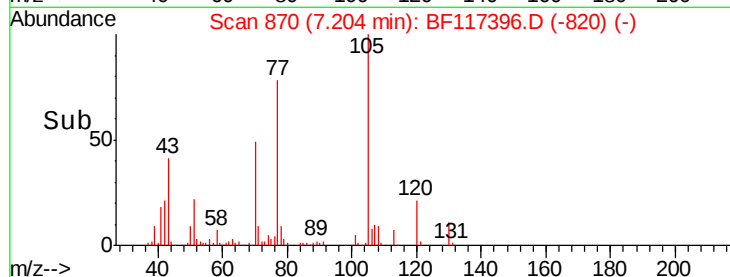
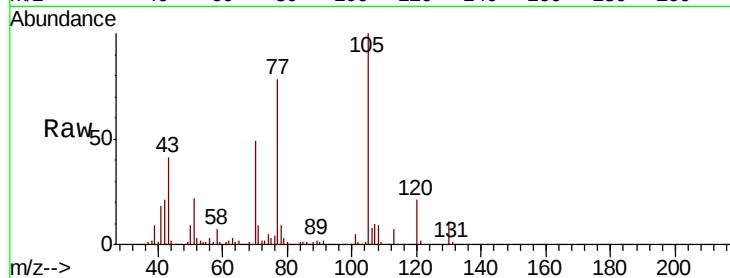
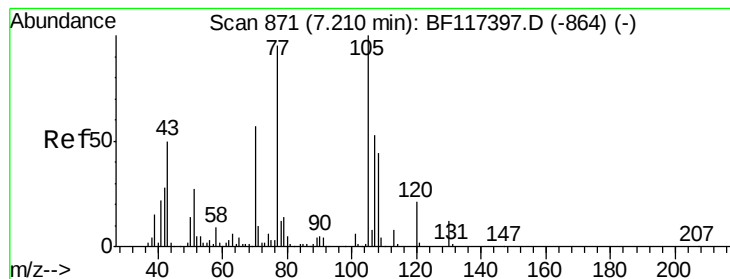
mohammad
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#18
Hexachloroethane
Concen: 21.785 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.7	113.5
201	81.3	62.2	93.4





#19

n-Nitroso-di-n-propylamine

Concen: 21.913 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion: 70 Resp: 52648

Ion Ratio Lower Upper

70 100

42 43.0 39.8 59.8

101 10.1 8.1 12.1

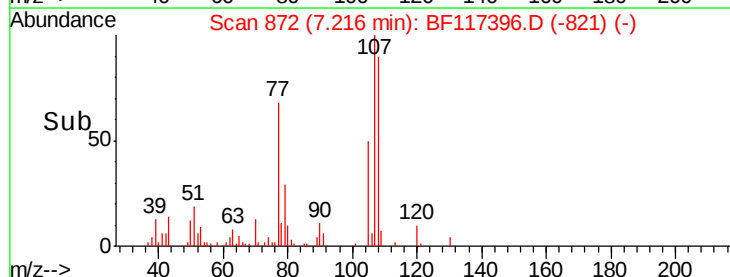
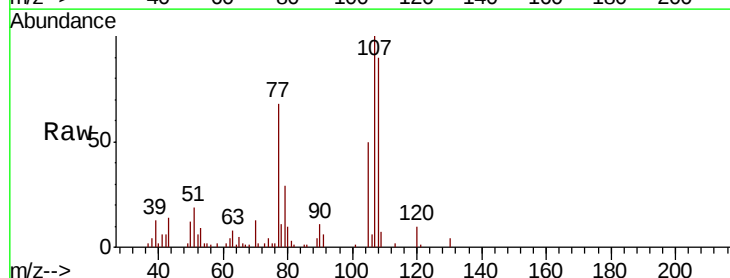
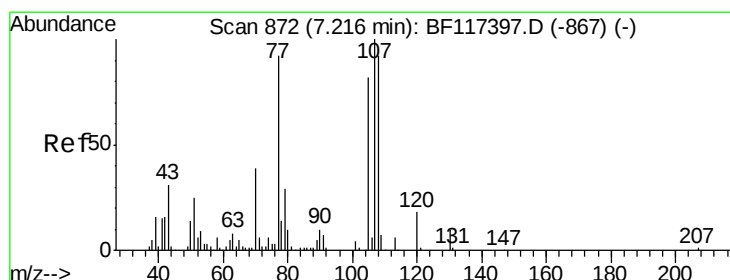
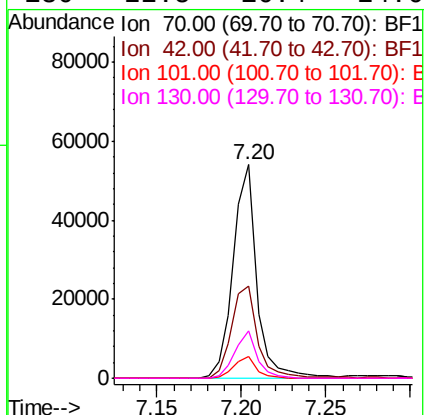
130 22.5 16.4 24.6

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#20

3+4-Methylphenols

Concen: 22.892 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Tgt Ion: 107 Resp: 78710

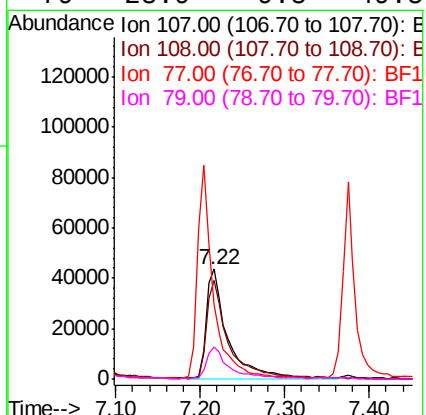
Ion Ratio Lower Upper

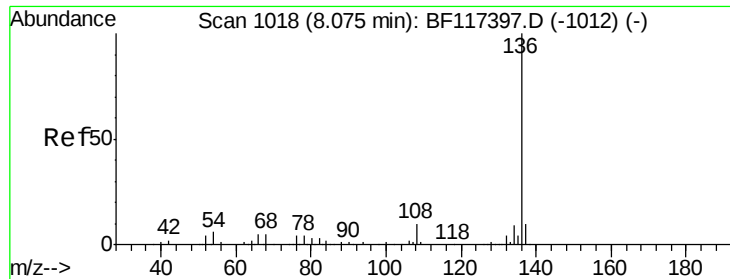
107 100

108 89.7 71.8 111.8

77 68.2 72.7 112.7#

79 28.9 9.5 49.5





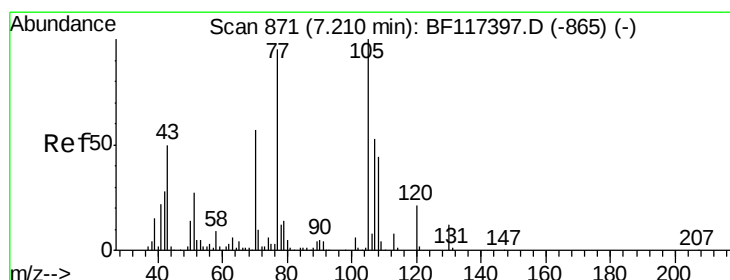
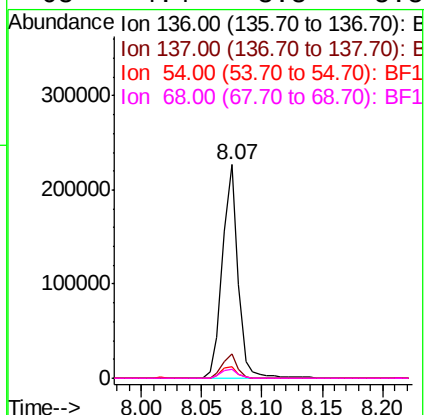
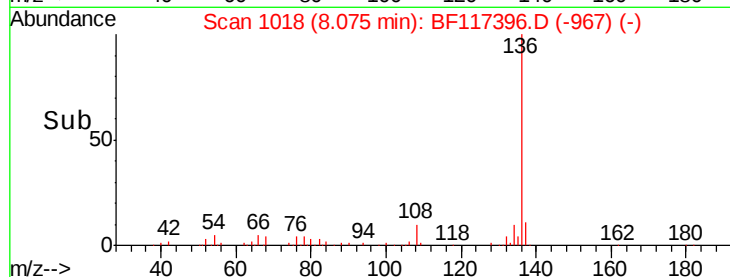
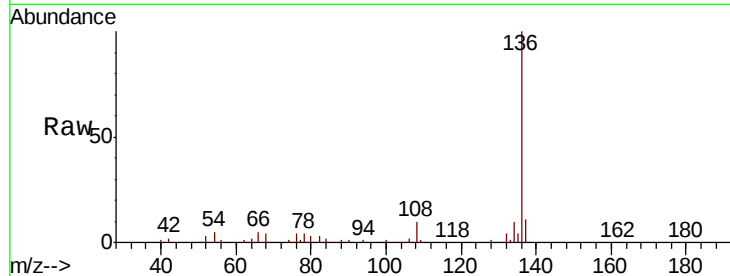
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
136	100	203311		
137	11.3		8.4	12.6
54	5.4		4.6	6.8
68	4.4		3.8	5.8

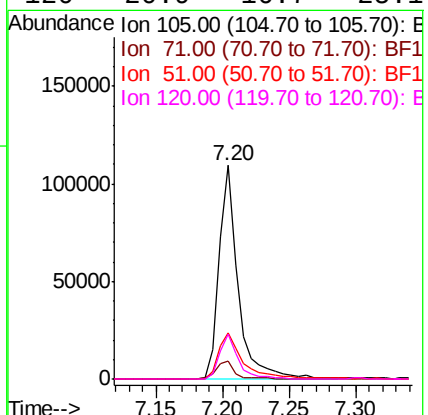
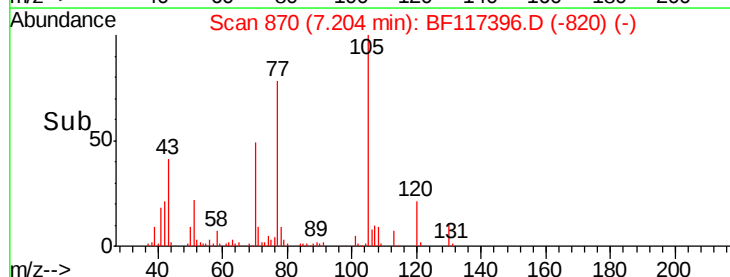
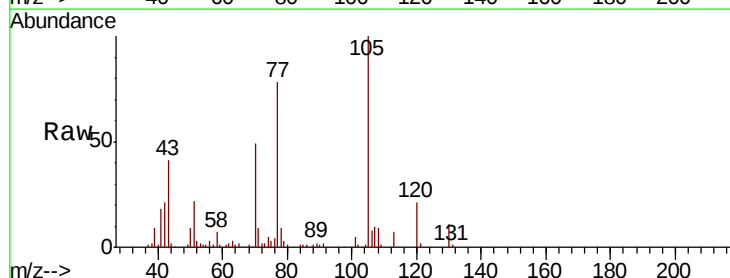
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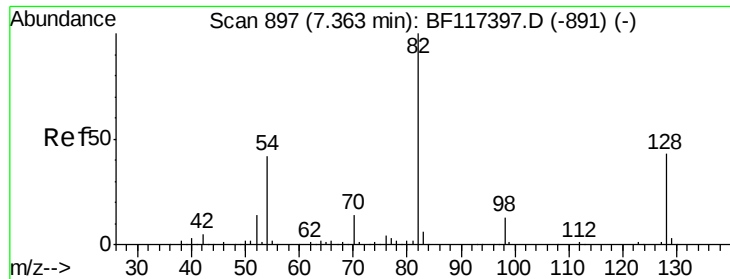
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#22
Acetophenone
Concen: 21.598 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	111565		
71	8.6		7.8	11.6
51	21.6		21.5	32.3
120	20.9		16.7	25.1





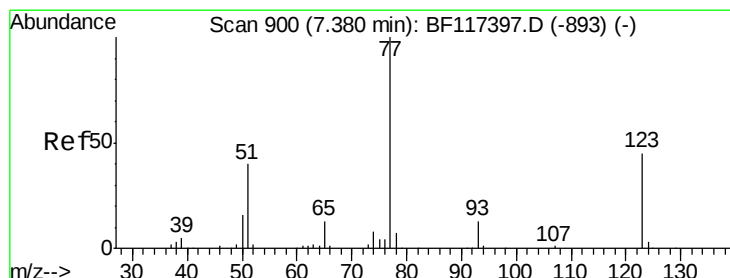
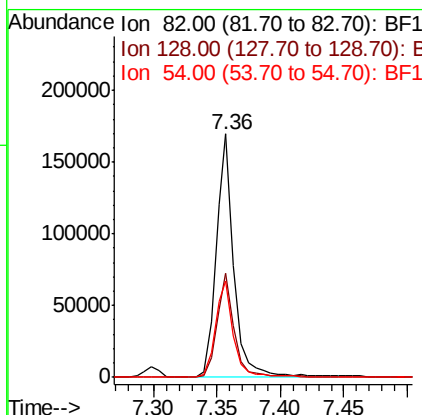
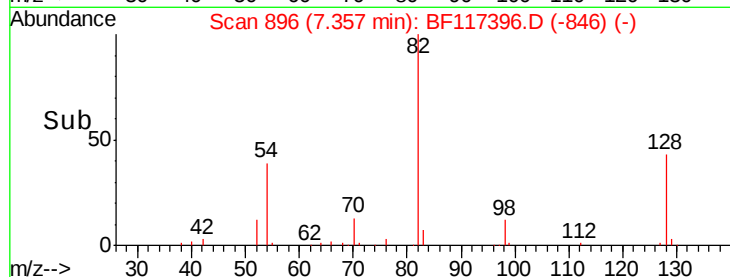
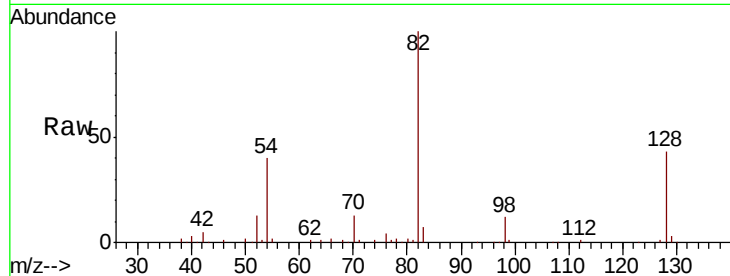
#23
Nitrobenzene-d5
Concen: 43.118 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
82	100	166842		
128	42.7	34.1	51.1	
54	39.8	33.3	49.9	

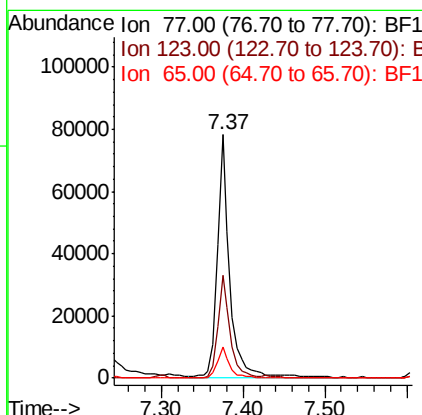
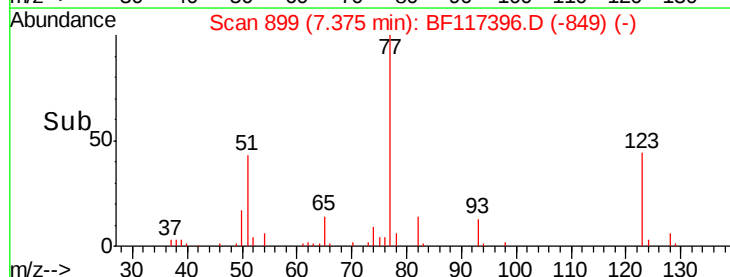
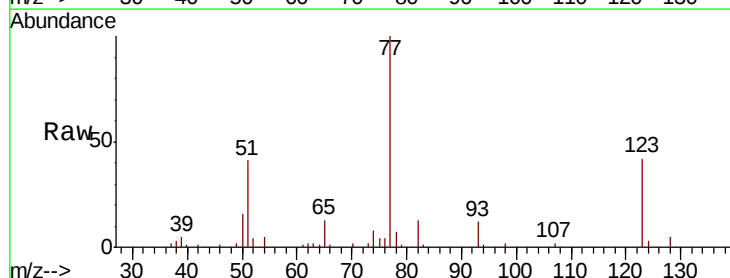
Manual Integrations
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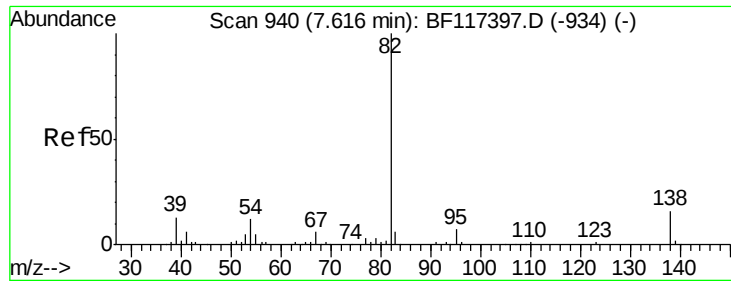
mohammad
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#24
Nitrobenzene
Concen: 22.084 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	84389		
123	42.4	35.8	53.8	
65	12.9	10.1	15.1	





#25

Isophorone

Concen: 21.052 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

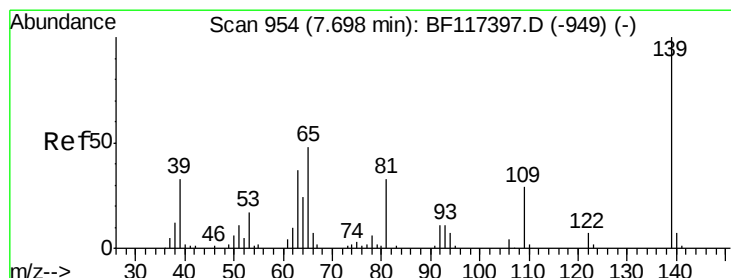
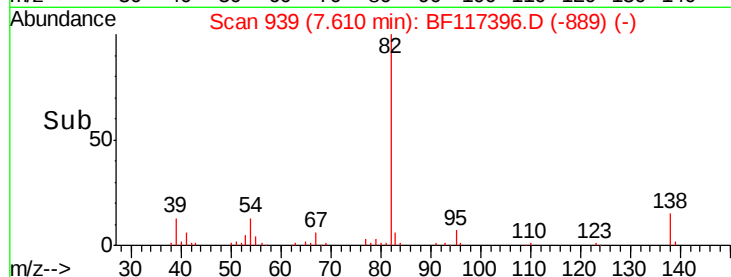
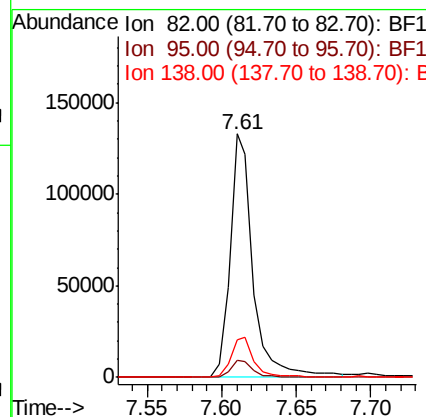
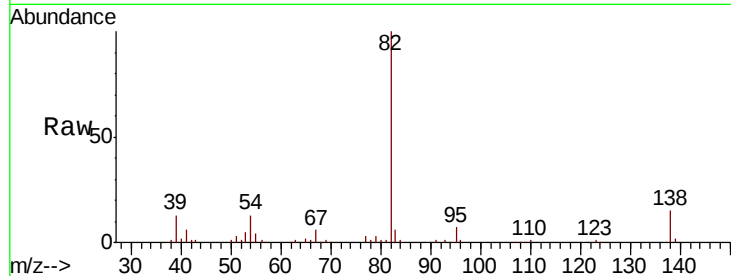
ClientSampleId :

SSTDIC020

Tot Ion:	82	Resp:	144234
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.4	8.0
138	15.2	13.0	19.4

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#26

2-Nitrophenol

Concen: 21.345 ng

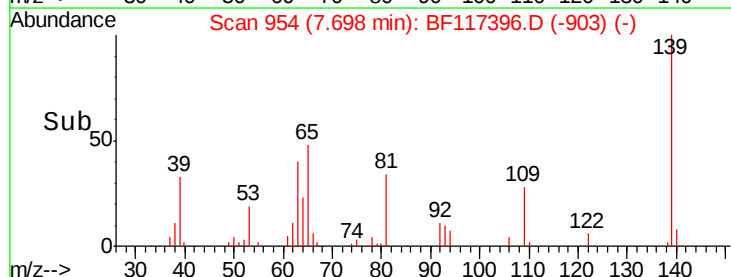
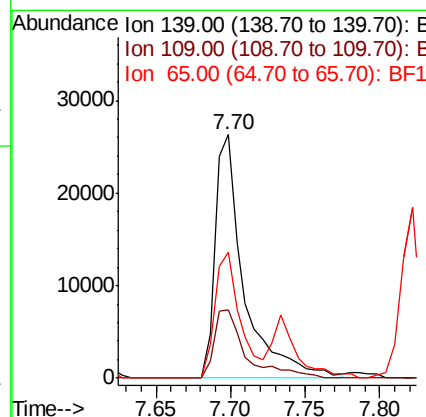
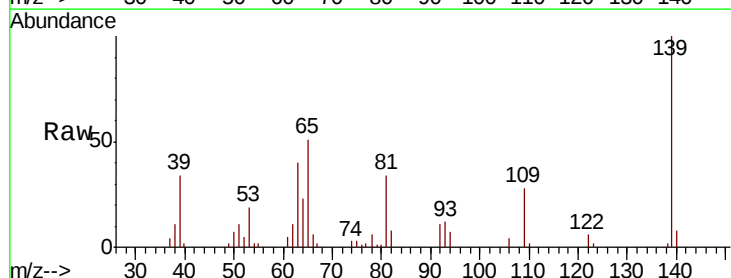
RT: 7.70 min Scan# 954

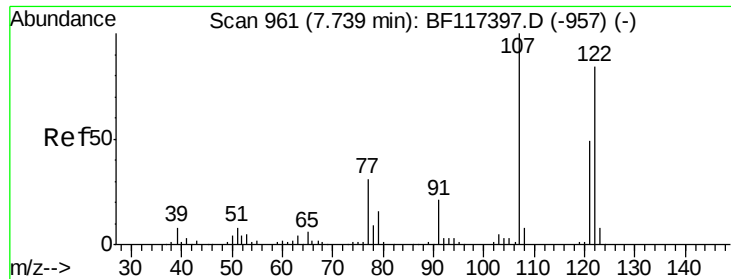
Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Tgt Ion:	139	Resp:	35035
Ion Ratio		Lower	Upper
139	100		
109	28.2	23.1	34.7
65	51.5	38.2	57.4





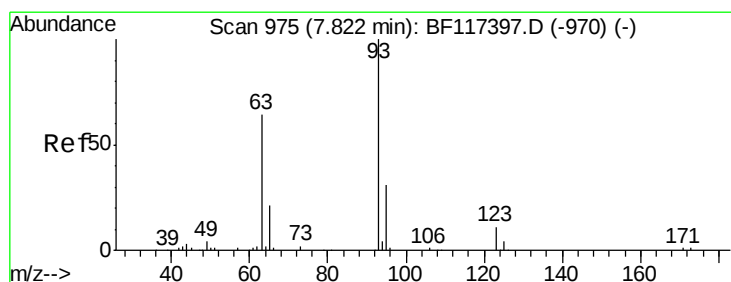
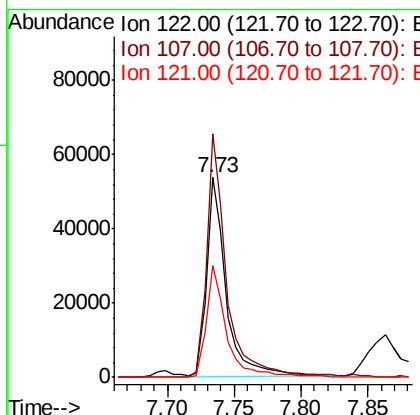
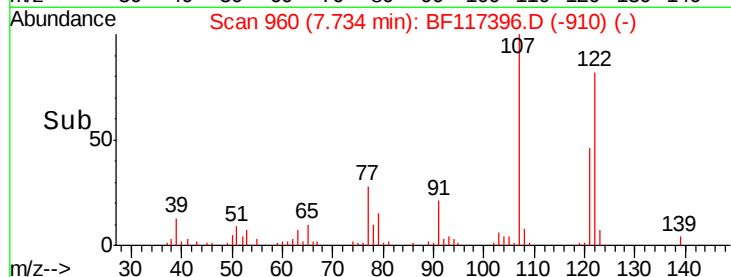
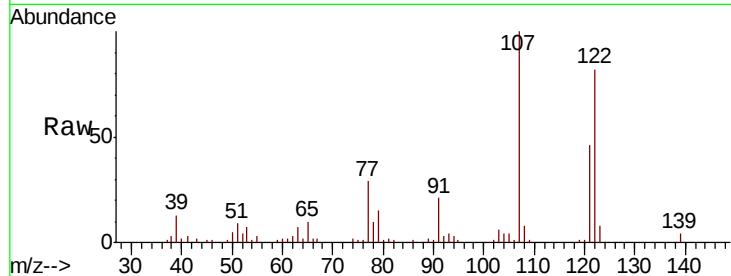
#27
2,4-Dimethylphenol
Concen: 21.188 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.8	95.0	142.6
121	56.1	46.6	69.8

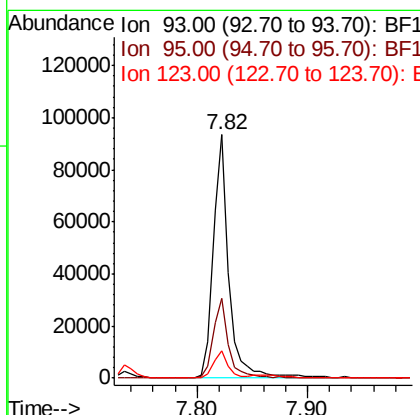
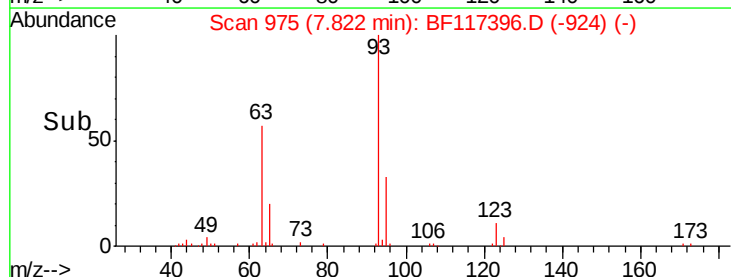
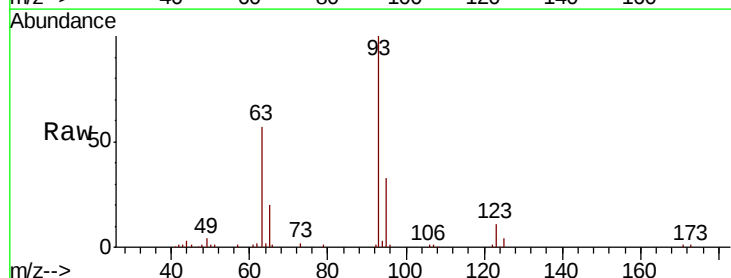
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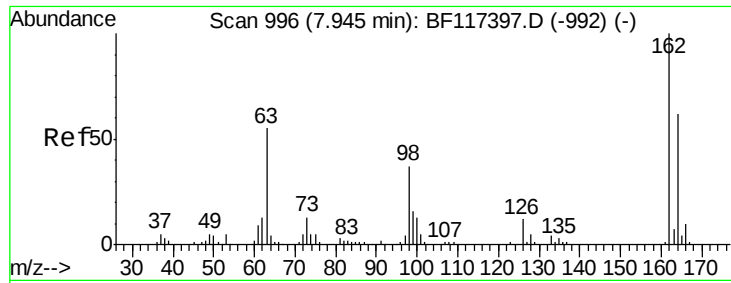
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 21.211 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.1	37.7
123	11.1	8.6	12.8





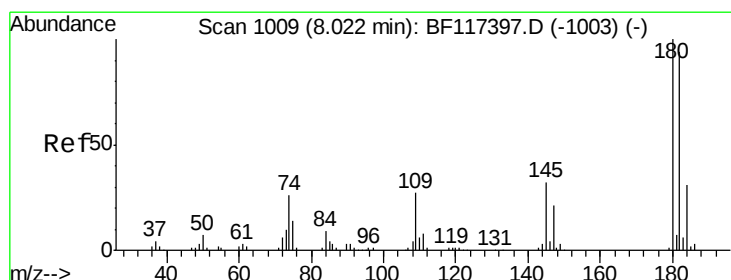
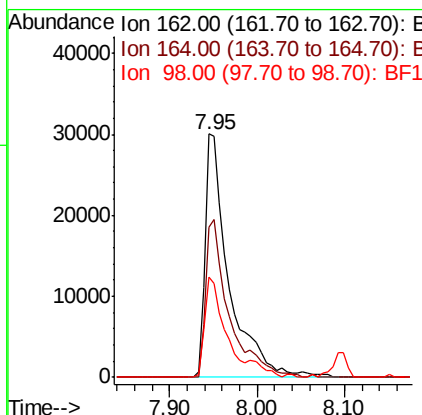
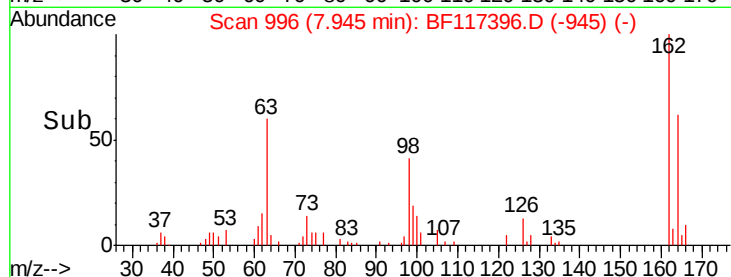
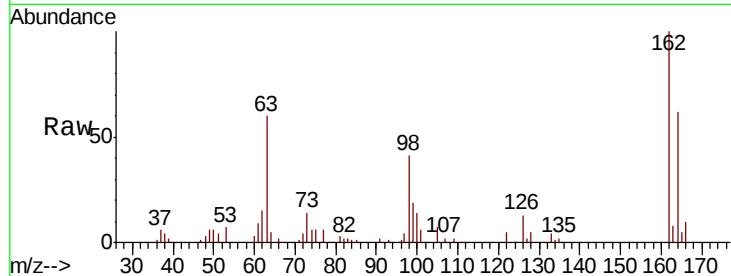
#29
2,4-Dichlorophenol
Concen: 20.803 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.7	42.2	82.2
98	41.0	17.4	57.4

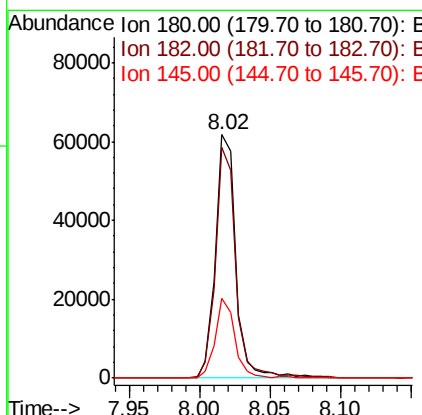
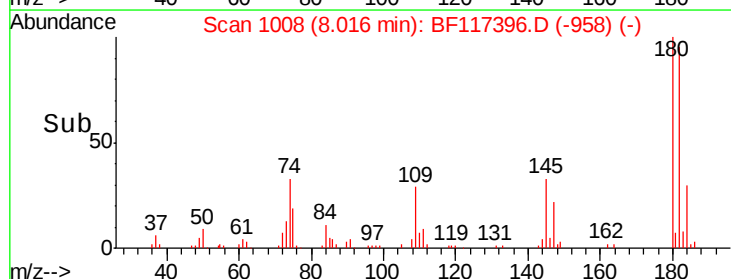
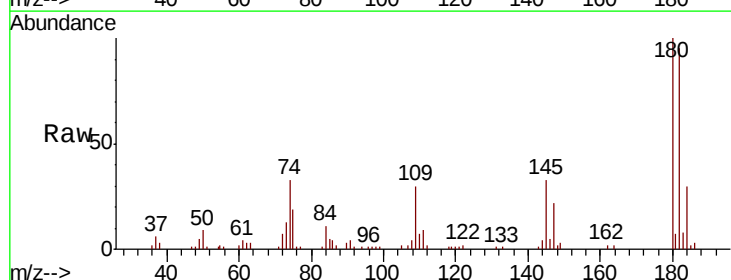
Manual Integrations
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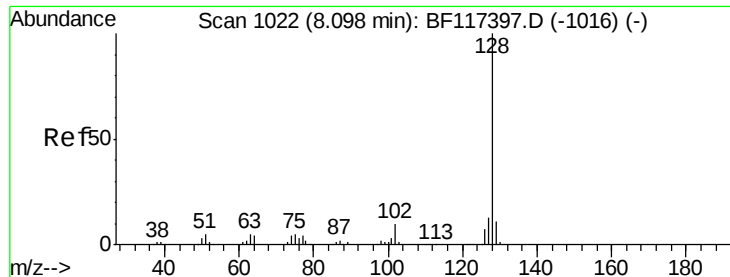
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 21.237 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.4	113.2
145	32.8	25.5	38.3





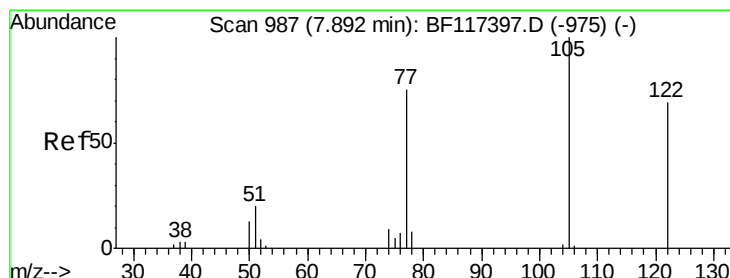
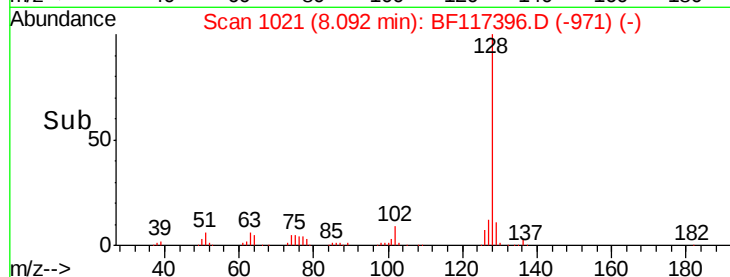
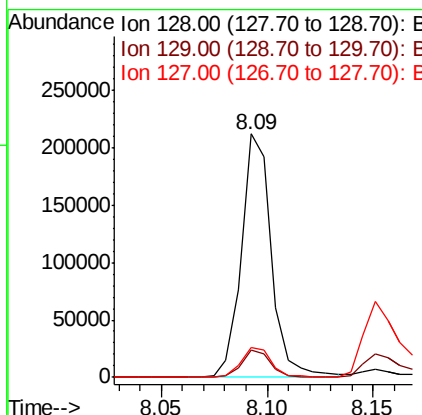
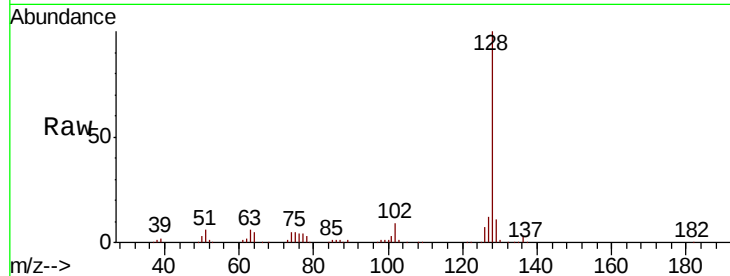
#31
Naphthalene
Concen: 21.383 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	209083		
129	11.1		8.6	12.8
127	12.2		10.4	15.6

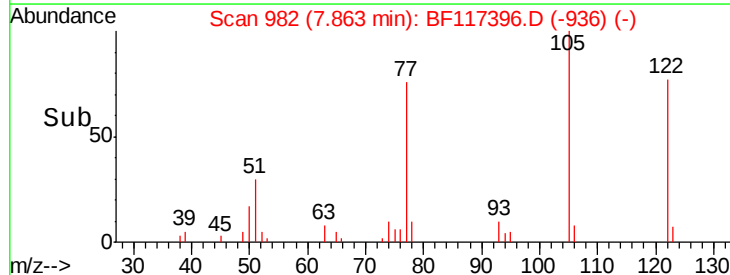
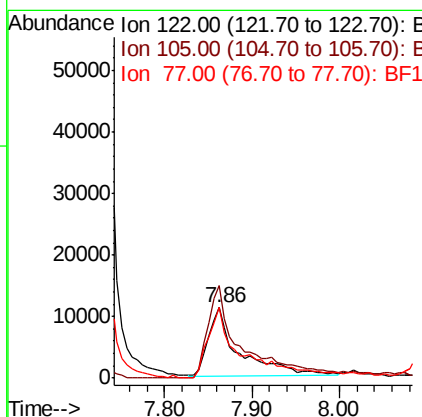
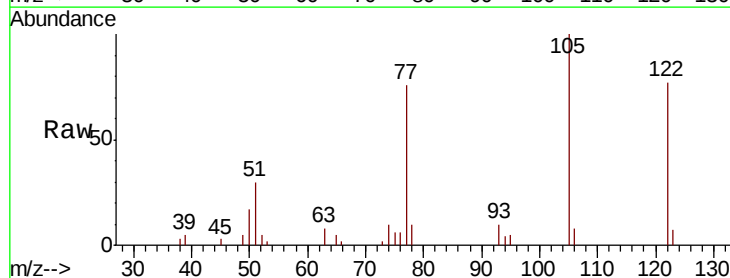
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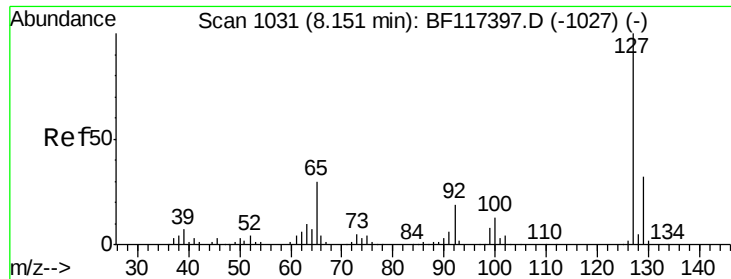
mohammad
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#32
Benzoic acid
Concen: 14.671 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	26857		
105	130.6		121.5	161.5
77	99.8		88.3	128.3





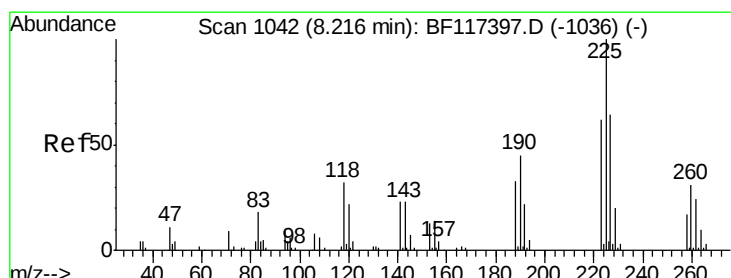
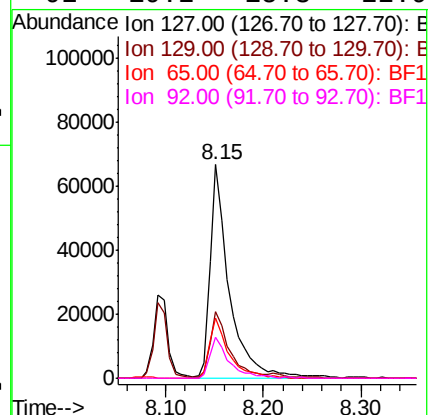
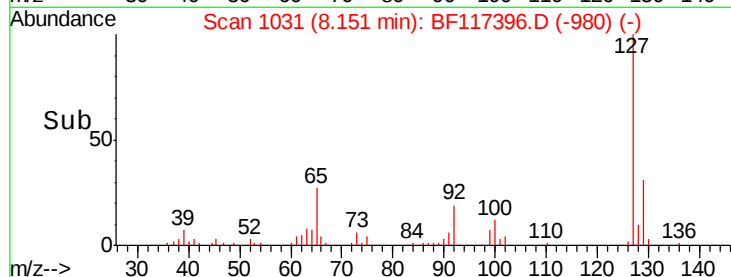
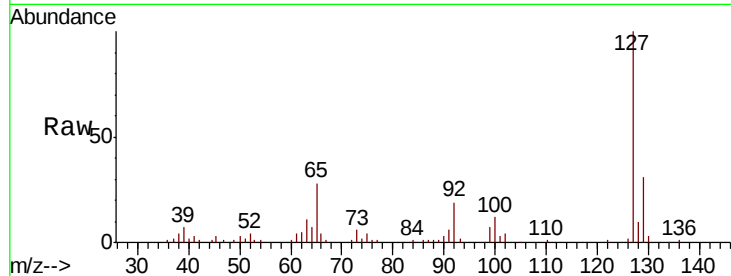
#33
4-Chloroaniline
Concen: 21.009 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		91114		
129	31.2	25.4	38.0		
65	27.9	23.8	35.8		
92	19.2	15.3	22.9		

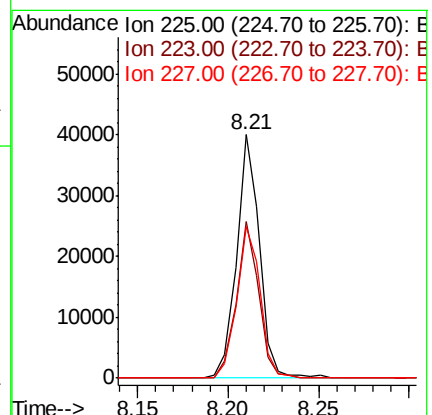
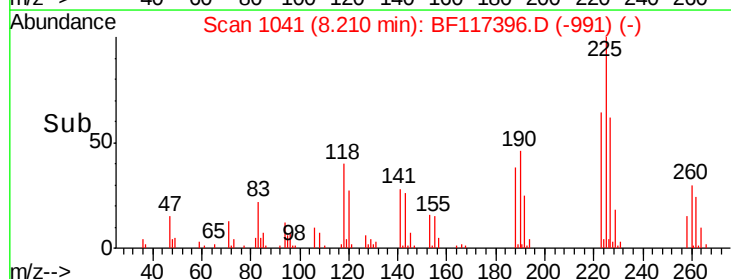
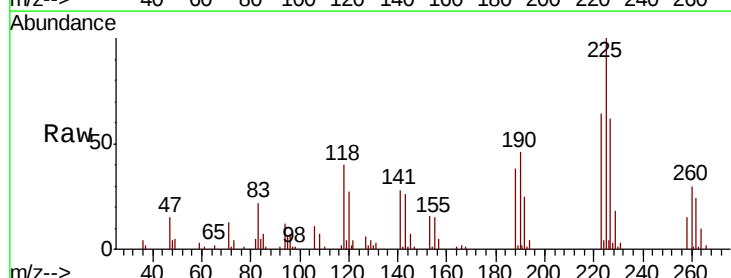
Manual Integrations
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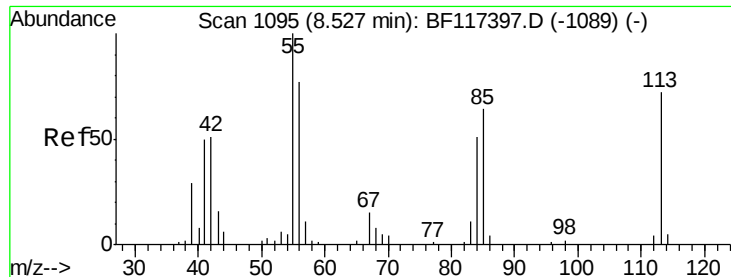
mohammad
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#34
Hexachlorobutadiene
Concen: 21.013 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		35128		
223	64.4	49.7	74.5		
227	62.5	50.9	76.3		





#35

Caprolactam

Concen: 19.826 ng

RT: 8.51 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

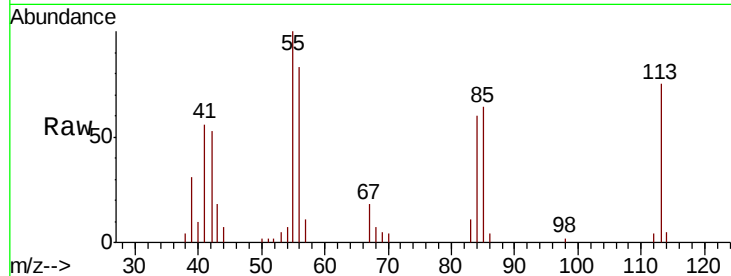
ClientSampleId :

SSTDIC020

Tot Ion	Ratio	Lower	Upper
113	100		
55	132.5	118.5	158.5
56	110.1	86.7	126.7

Manual Integrations
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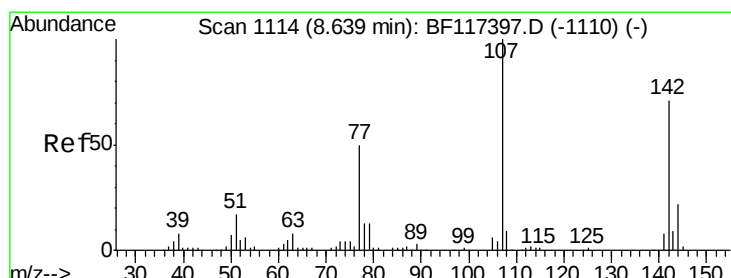
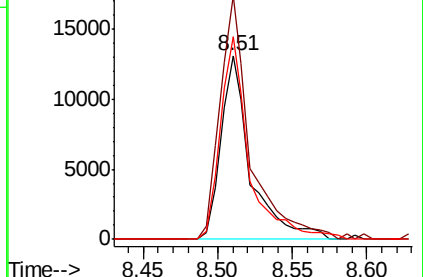
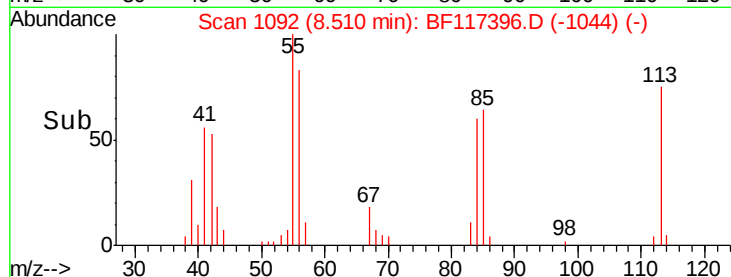
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 20.691 ng

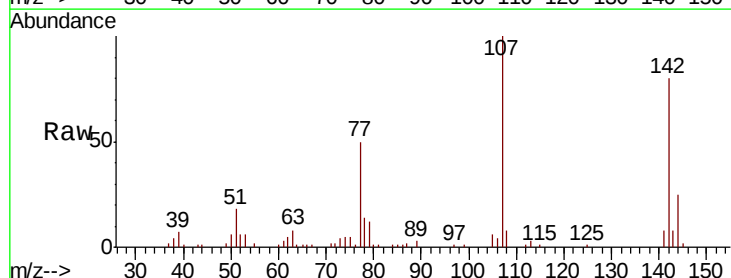
RT: 8.64 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

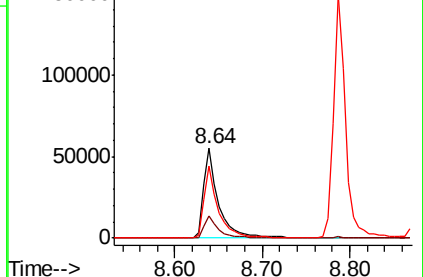
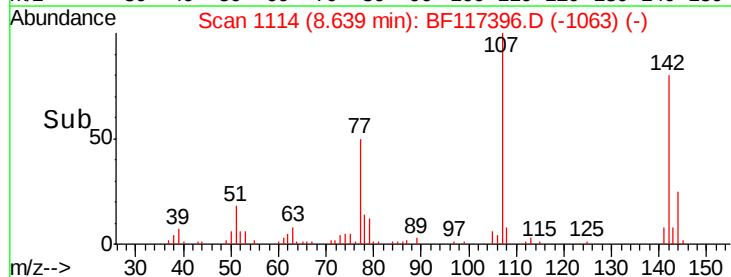
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	17.9	26.9
142	79.6	56.9	85.3

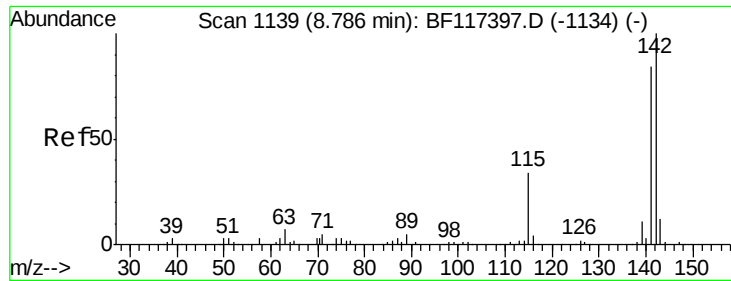


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





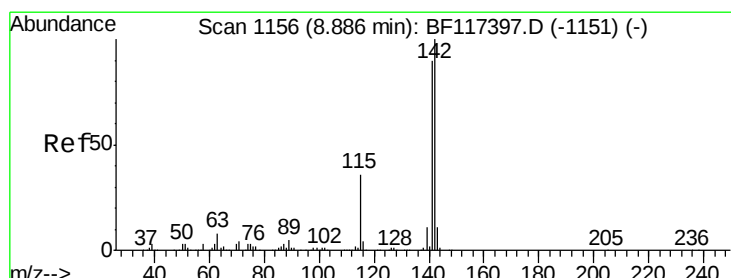
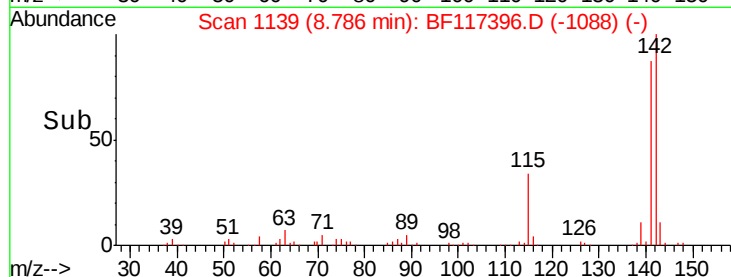
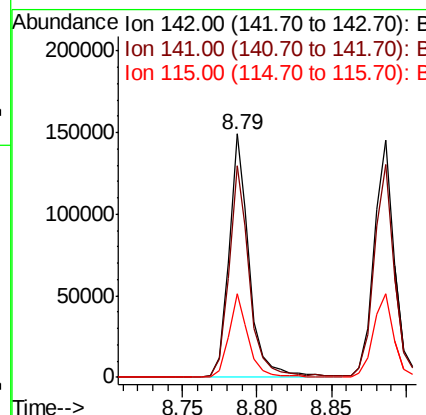
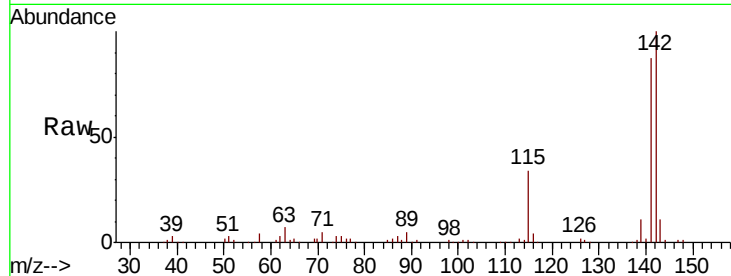
#37
2-Methylnaphthalene
Concen: 21.750 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	67.2	100.8
115	34.5	26.9	40.3

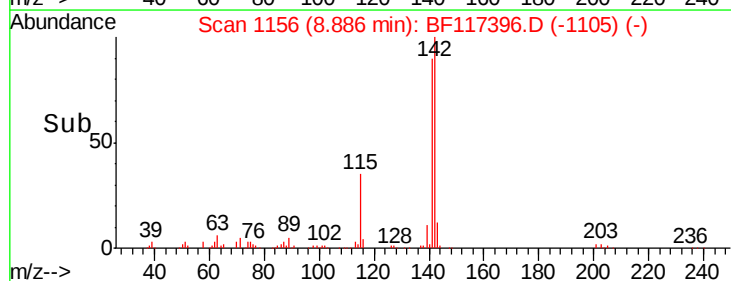
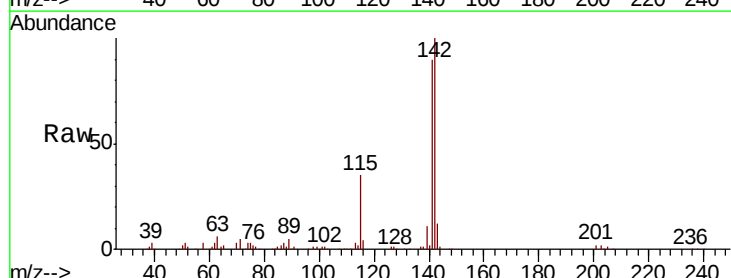
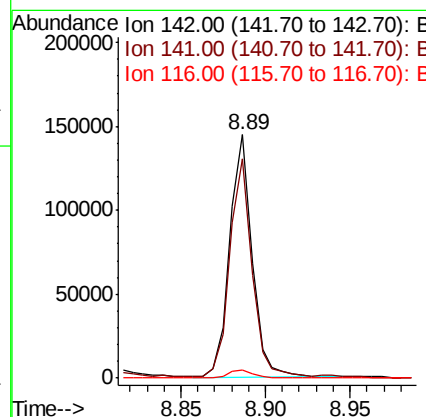
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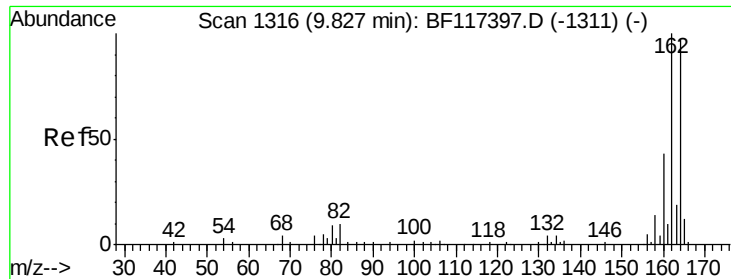
mohammad
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#38
1-Methylnaphthalene
Concen: 21.732 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.8	107.8
116	3.6	2.9	4.3





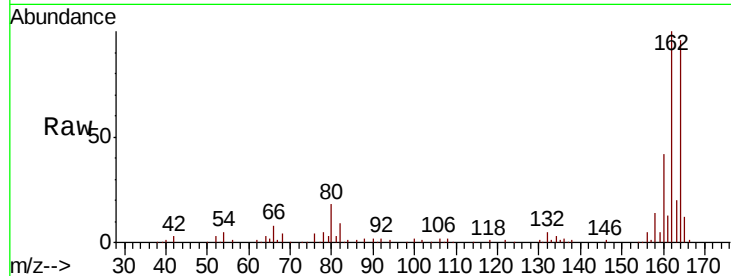
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.4	123.6
160	44.1	35.4	53.0

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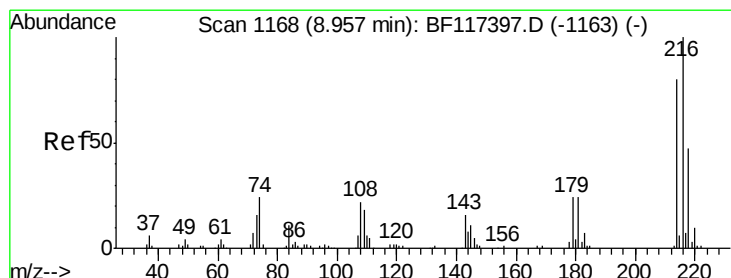
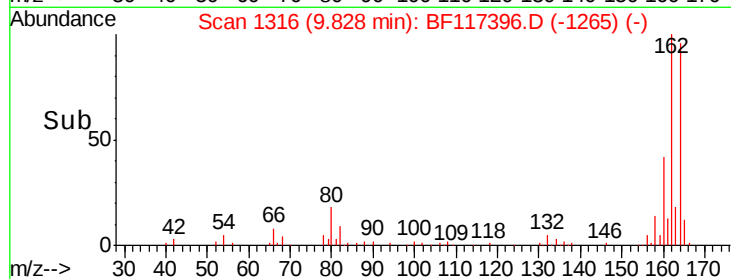
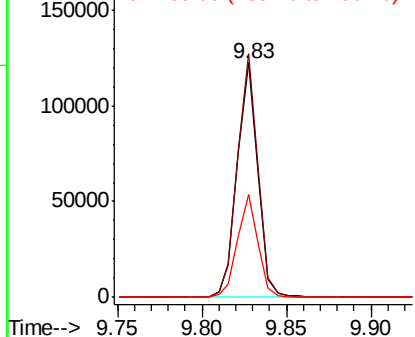


Abundance

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: 21.961 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.8	95.6
179	23.2	18.6	28.0
108	18.8	17.0	25.4

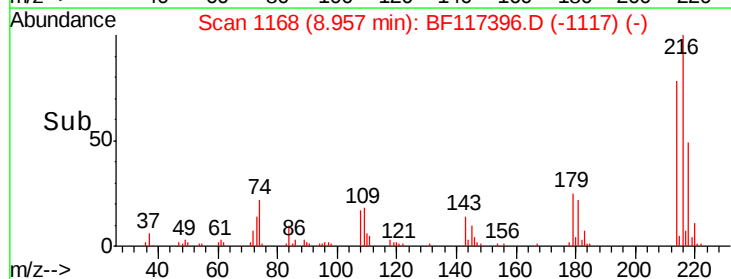
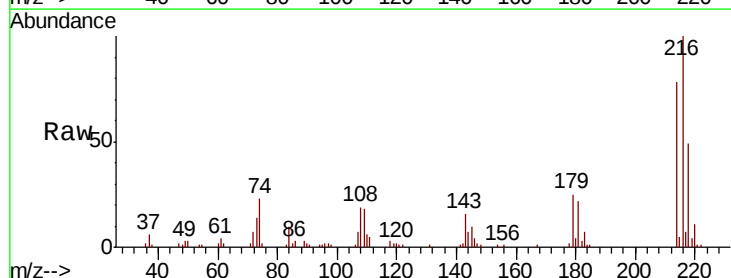
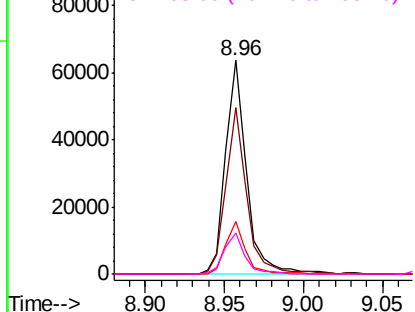
Abundance

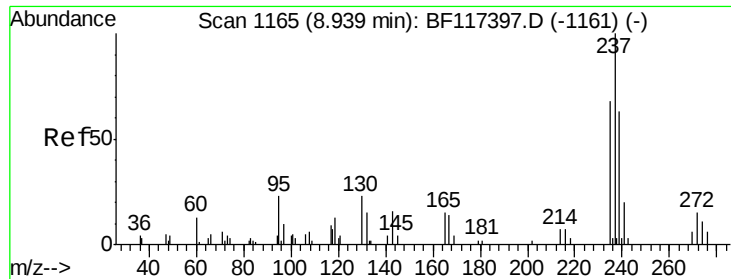
Ion 216.00 (215.70 to 216.70): E

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: 4.345 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

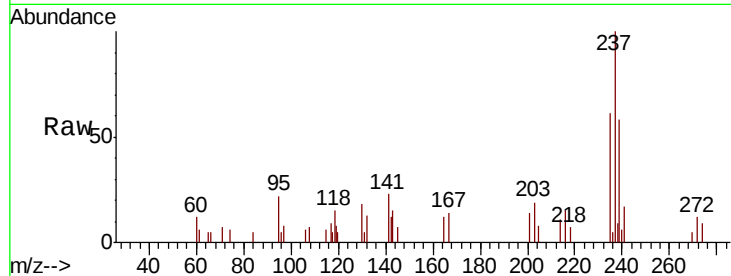
ClientSampleId :

SSTDIC020

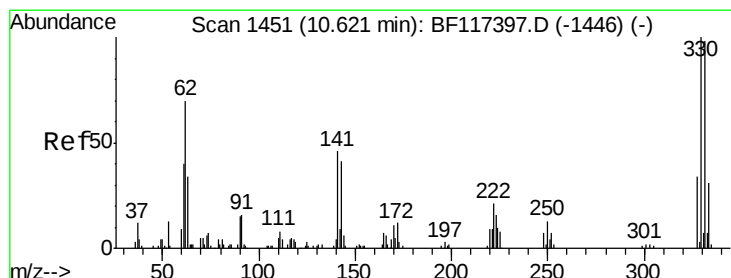
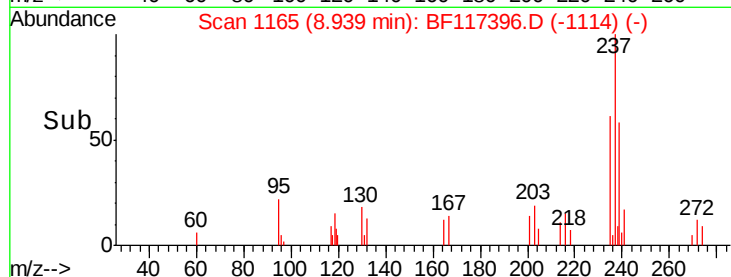
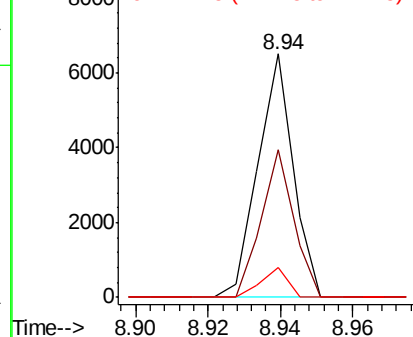
Tot Ion:	237	Resp:	4360
Ion Ratio	Lower	Upper	
237	100		
235	60.8	47.8	87.8
272	12.1	0.0	35.0

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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: 41.015 ng

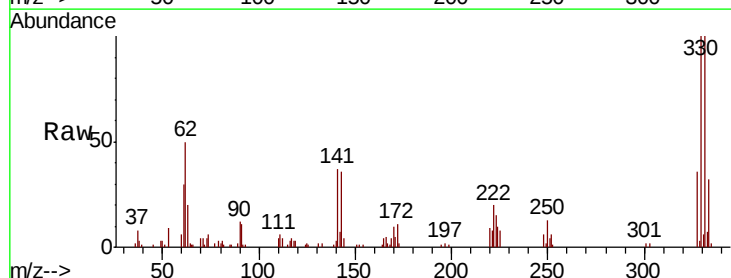
RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

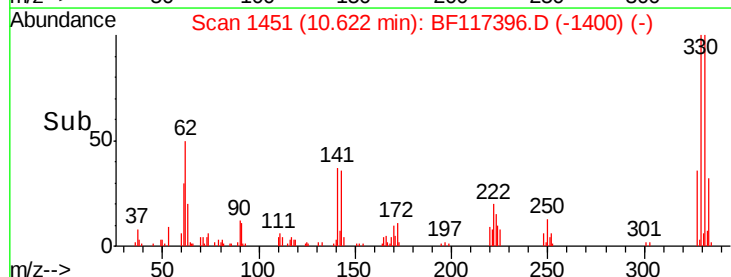
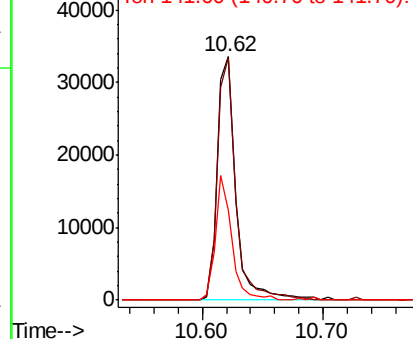
Lab File: BF117396.D

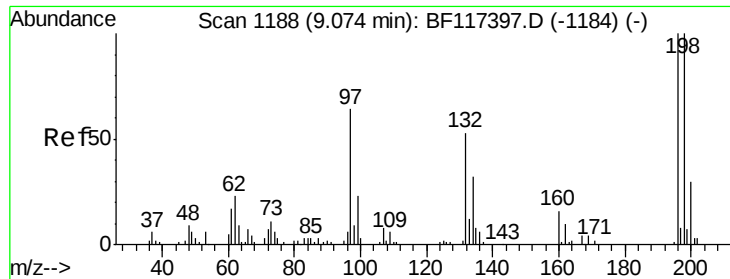
Acq: 14 Oct 2019 12:36

Tgt Ion:	330	Resp:	35414
Ion Ratio	Lower	Upper	
330	100		
332	97.9	75.0	112.6
141	44.8	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





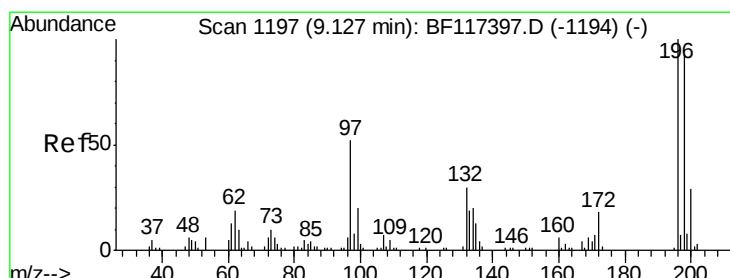
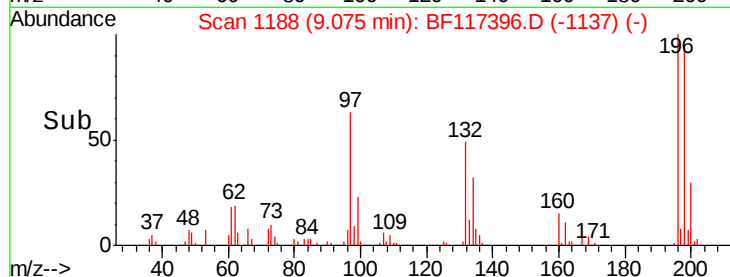
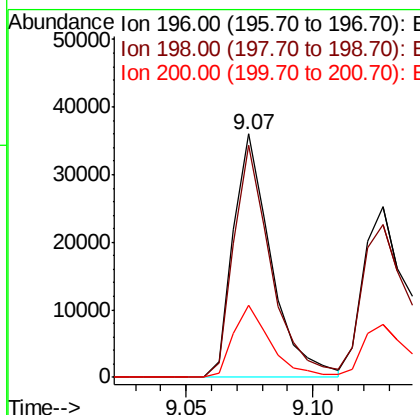
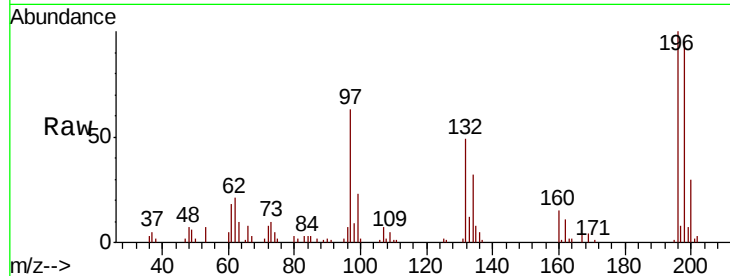
#43
 2,4,6-Trichlorophenol
 Concen: 20.616 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC020

Tot Ion	Ratio	Resp	Lower	Upper
196	100	37323		
198	95.3	79.8	119.6	
200	29.7	23.7	35.5	

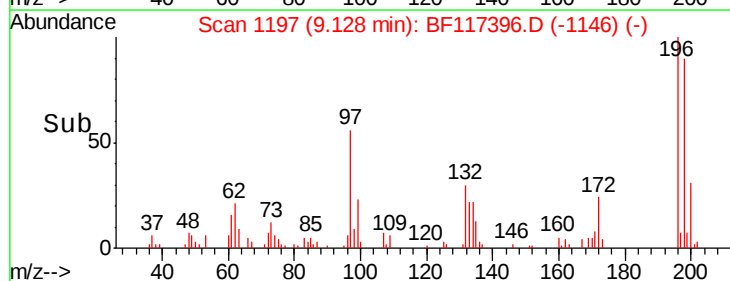
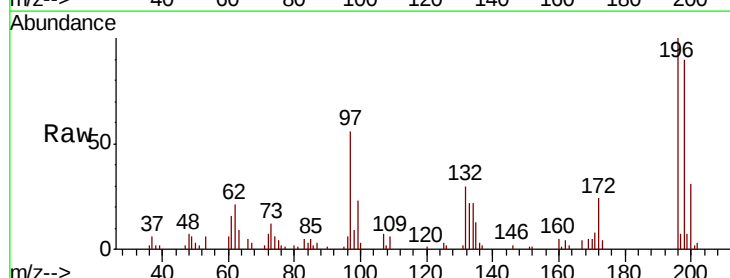
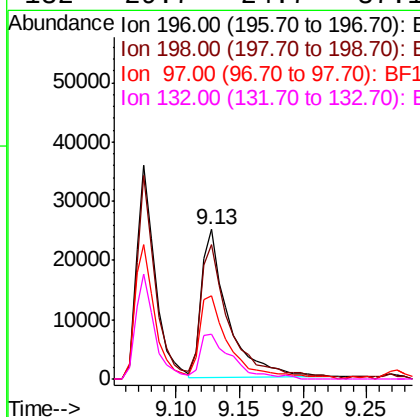
Manual Integrations
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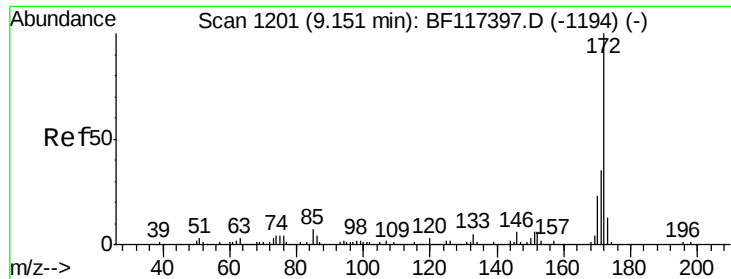
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 18.898 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	36553		
198	89.9	74.9	112.3	
97	56.0	42.5	63.7	
132	29.7	24.7	37.1	





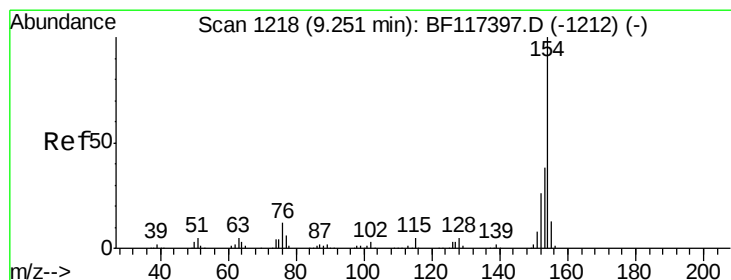
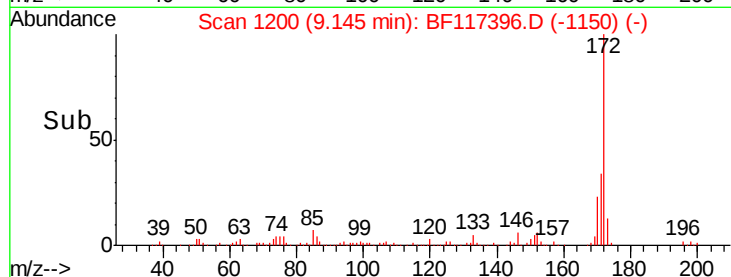
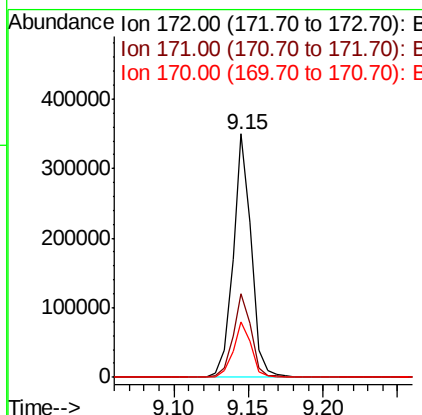
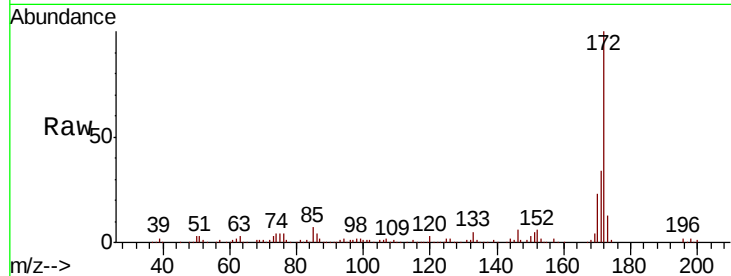
#45
2-Fluorobiphenyl
Concen: 45.480 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
172	100	300501		
171	34.3		28.2	42.2
170	22.6		18.2	27.2

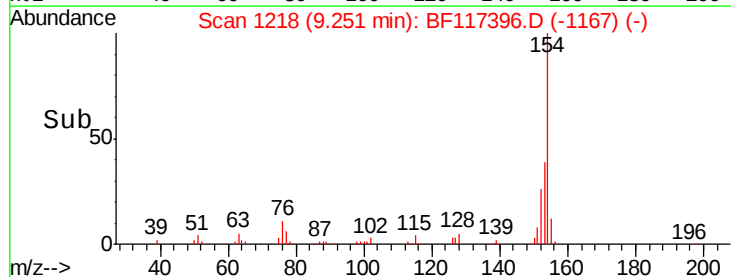
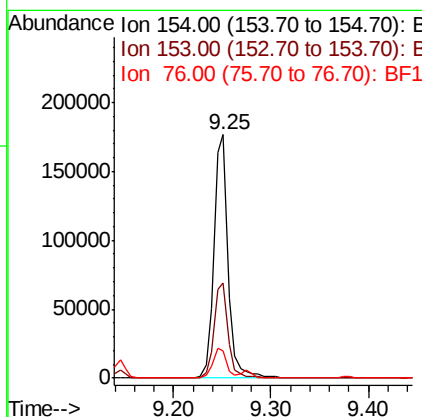
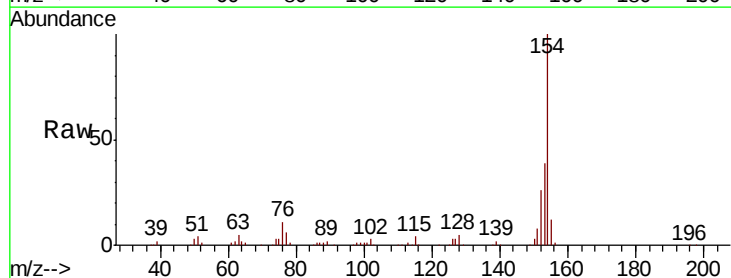
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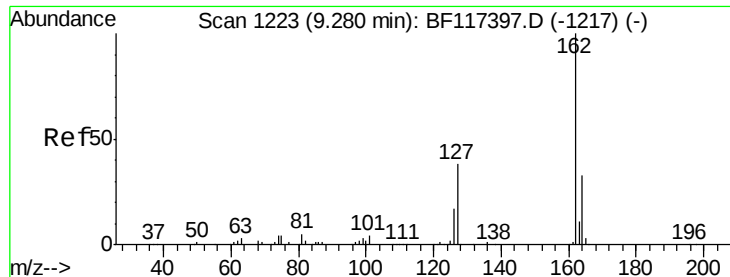
mohammad
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#46
1,1'-Biphenyl
Concen: 21.823 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	176849		
153	38.9		18.3	58.3
76	11.0		0.0	32.3





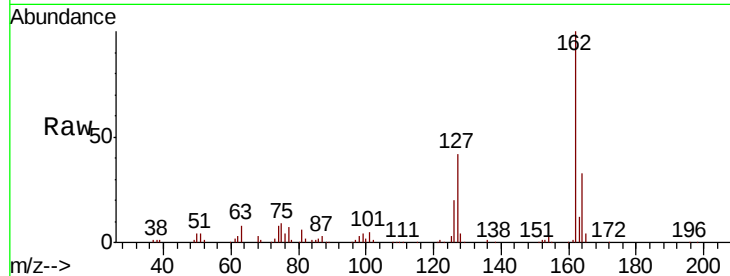
#47
2-Chloronaphthalene
Concen: 21.441 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.5	32.6	48.8	
164	33.5	26.2	39.4	

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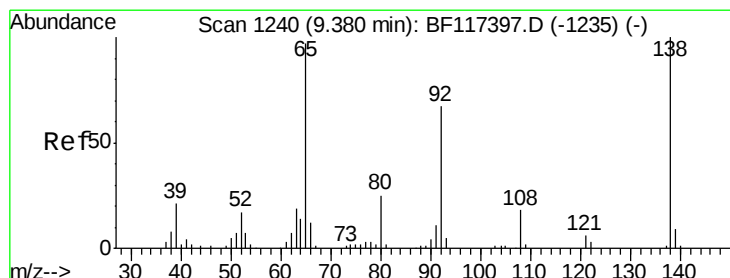
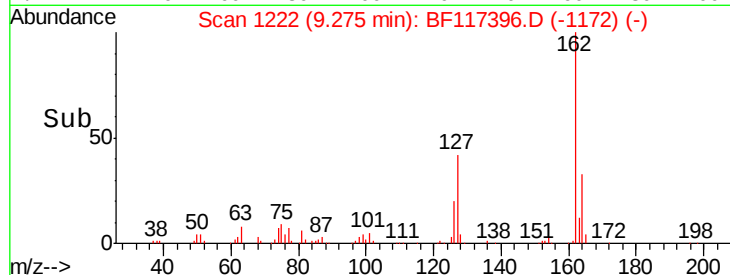
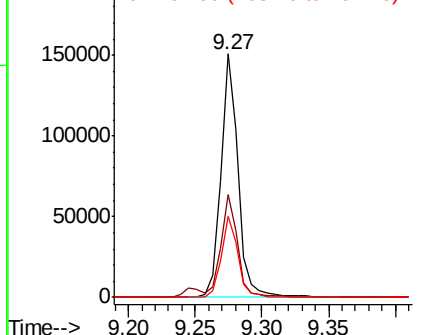


Abundance

Ion 162.00 (161.70 to 162.70): E

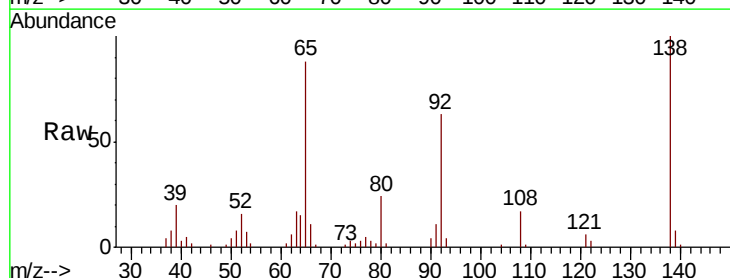
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 21.255 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	71.2	55.4	83.0	
138	113.8	82.6	124.0	

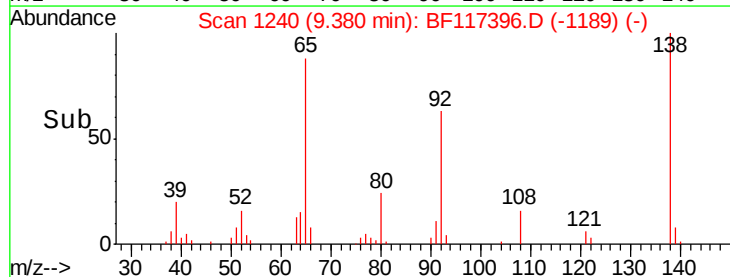
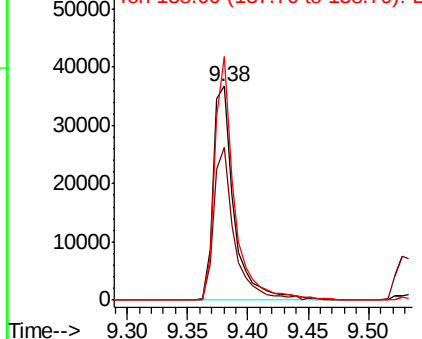


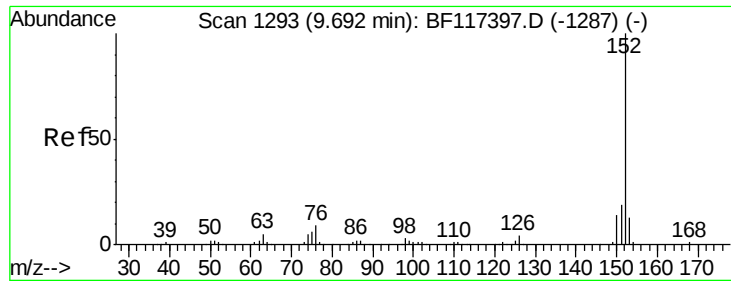
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 21.228 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

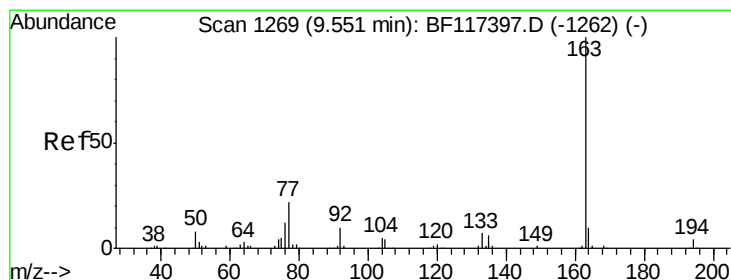
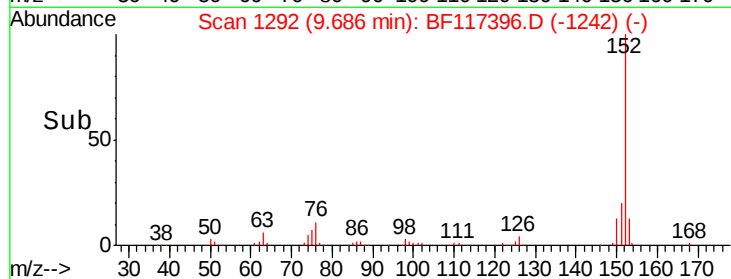
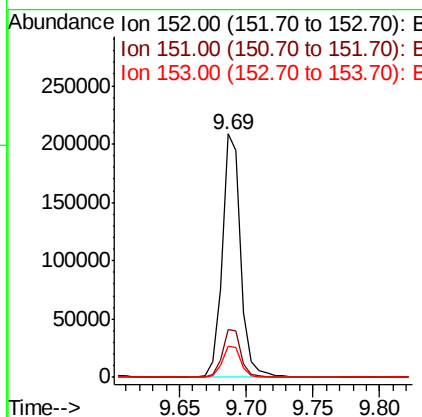
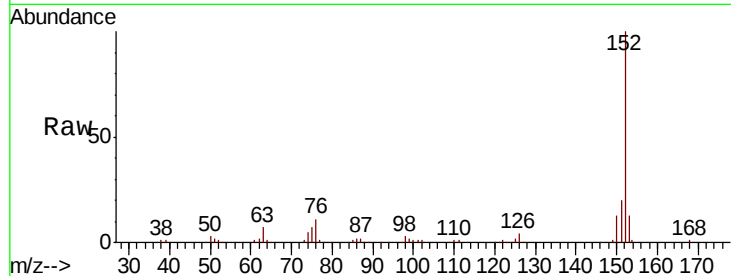
ClientSampleId :

SSTDICC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		203385		
151	19.9		15.5	23.3	
153	13.0		10.6	16.0	

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#50

Dimethylphthalate

Concen: 21.091 ng

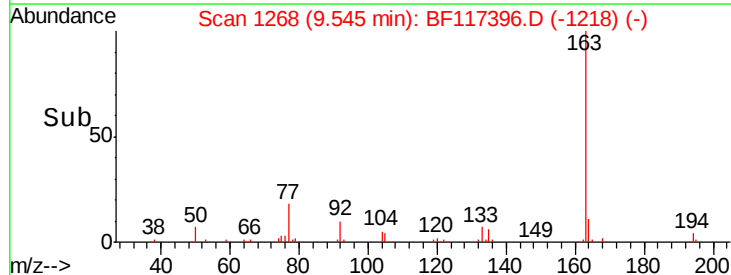
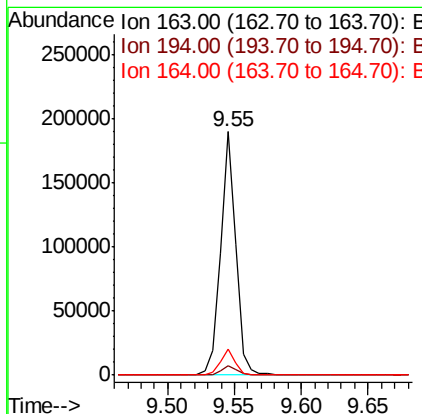
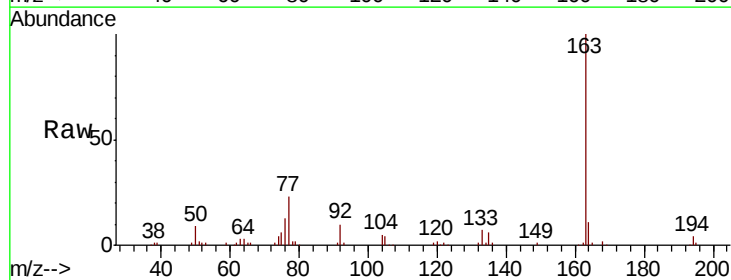
RT: 9.55 min Scan# 1268

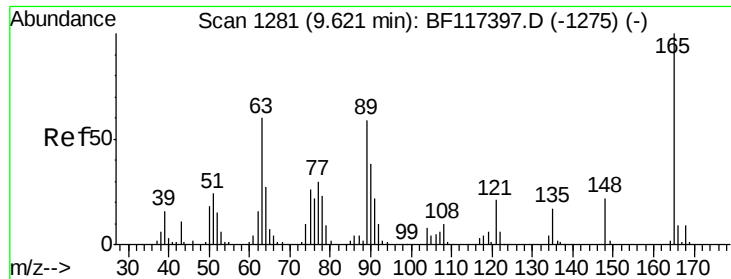
Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		154278		
194	3.6		3.1	4.7	
164	10.5		8.0	12.0	





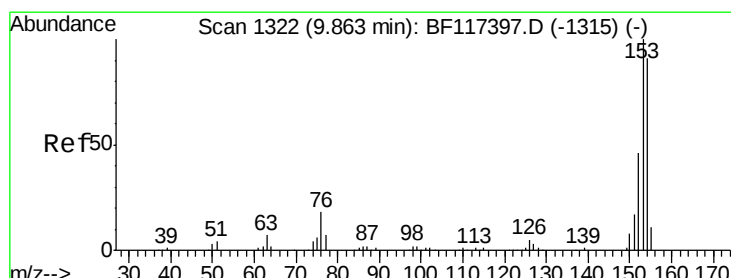
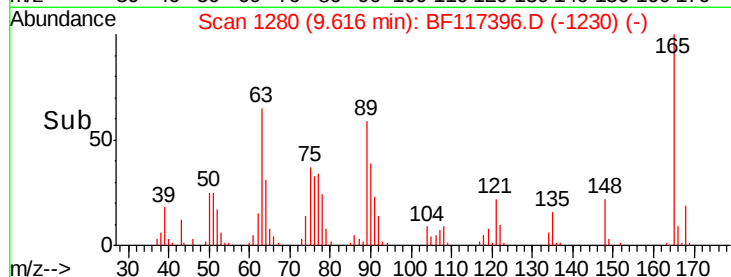
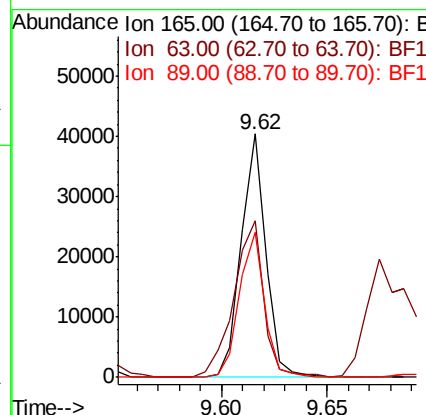
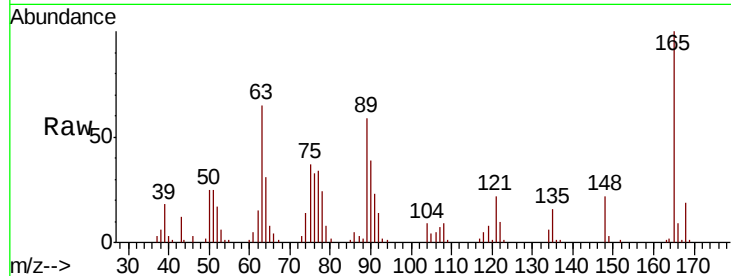
#51
2,6-Dinitrotoluene
Concen: 21.763 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampled :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
165	100		
63	64.5	47.8	71.6
89	59.5	47.4	71.0

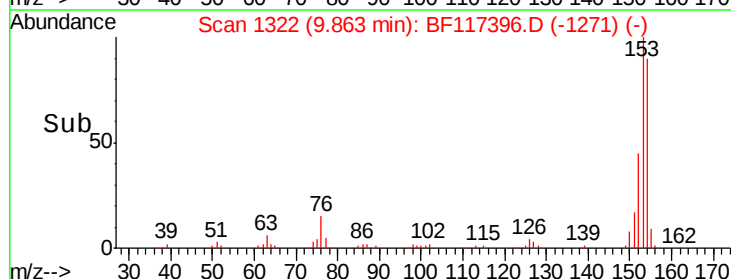
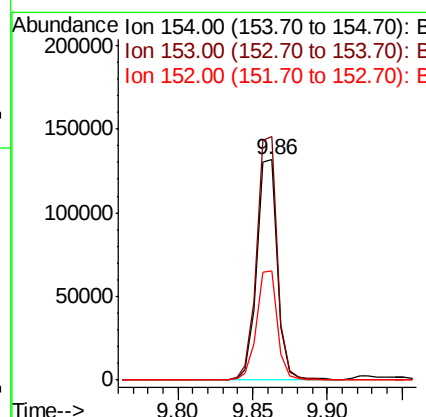
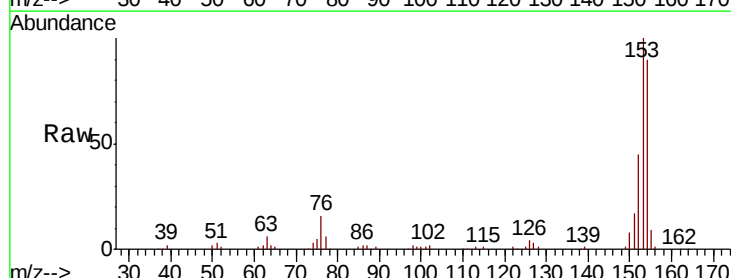
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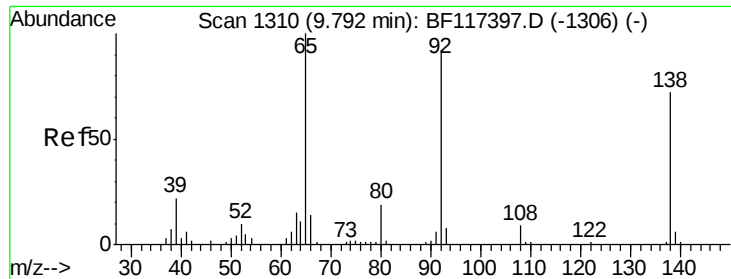
mohammad
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#52
Acenaphthene
Concen: 21.946 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.6	87.9	131.9
152	49.9	40.8	61.2





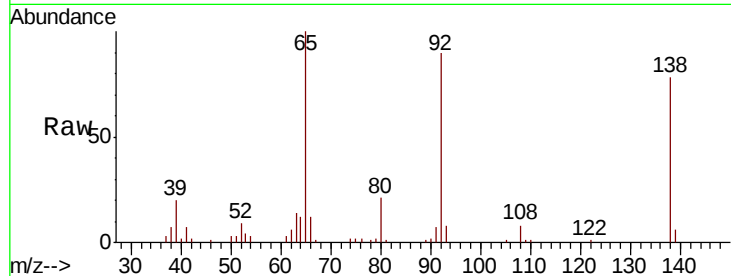
#53
3-Nitroaniline
Concen: 21.531 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.5	14.3
92	115.6	102.2	153.4

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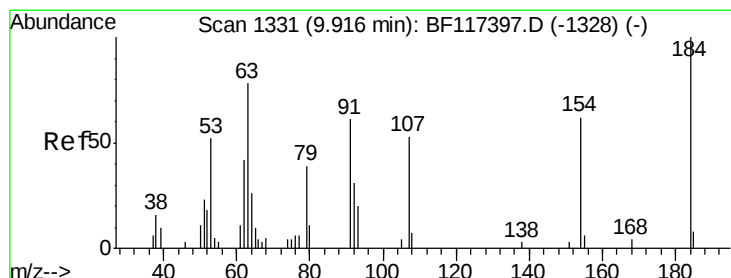
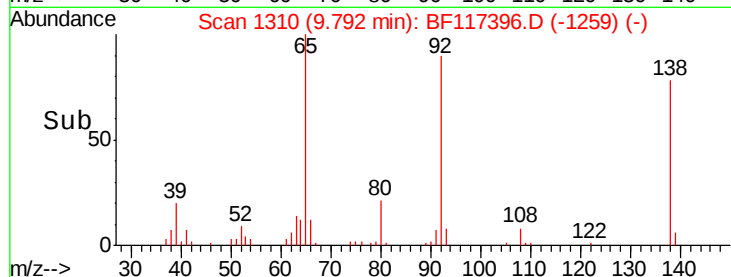
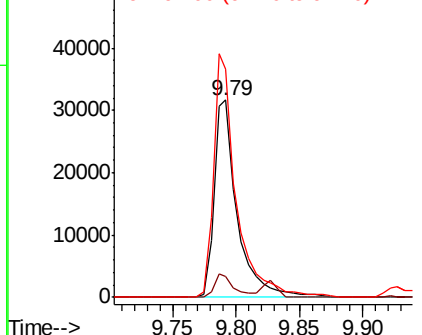


Abundance

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: 18.974 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

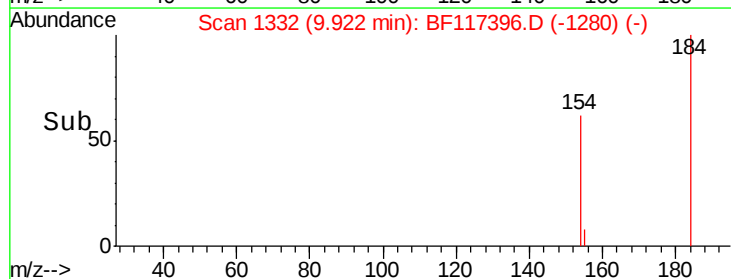
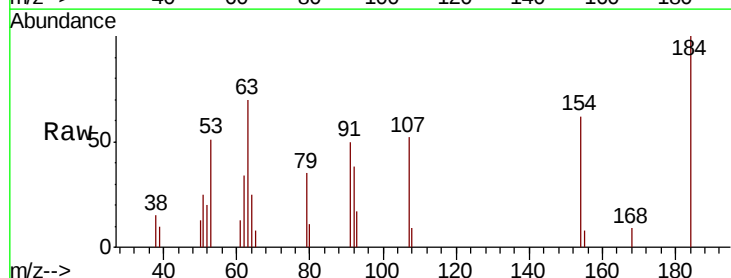
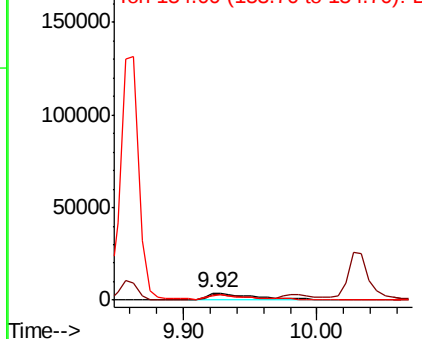
Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.4	62.4	93.6
154	61.6	53.5	80.3

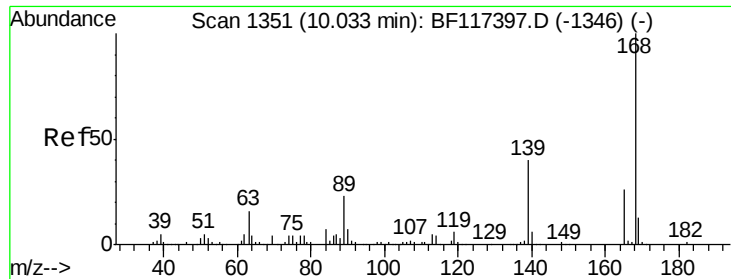
Abundance

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





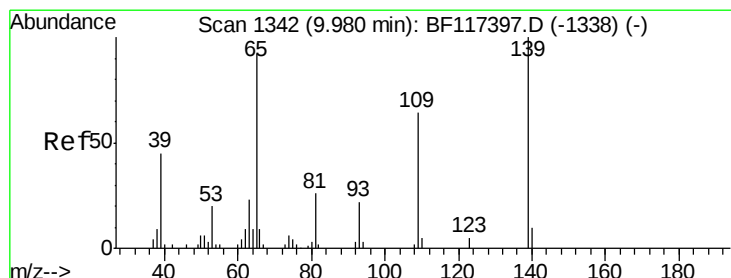
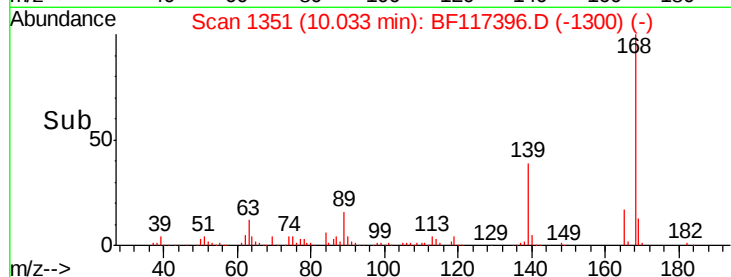
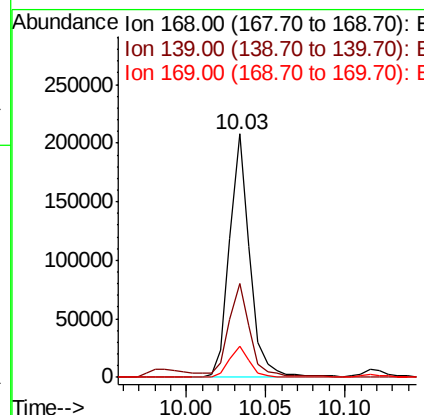
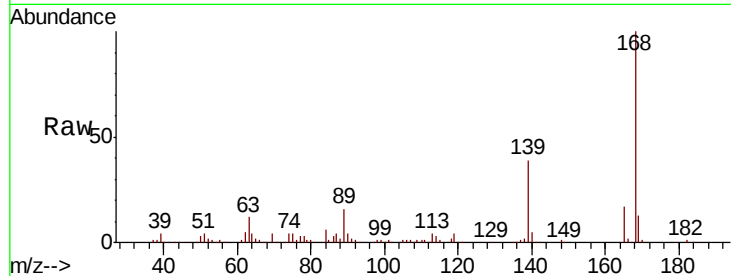
#55
Dibenzofuran
Concen: 21.924 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	33.3	49.9
169	13.0	10.7	16.1

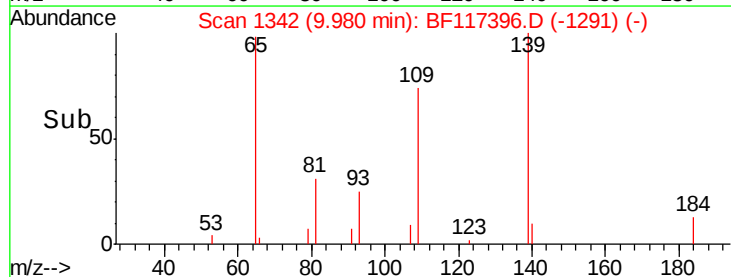
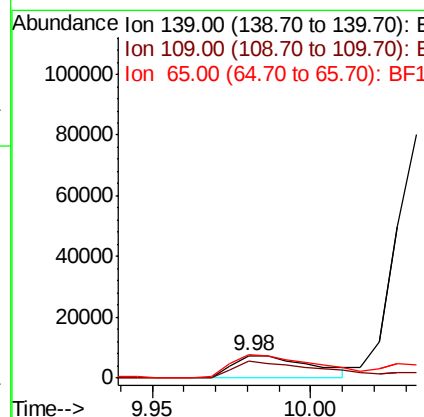
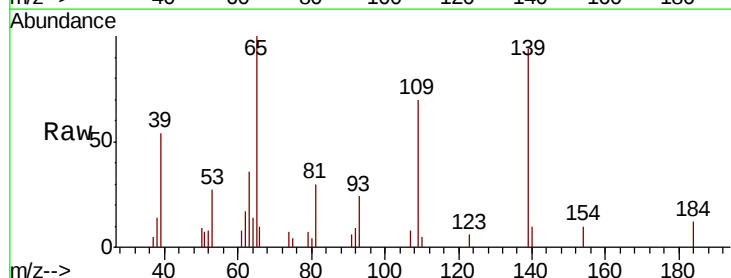
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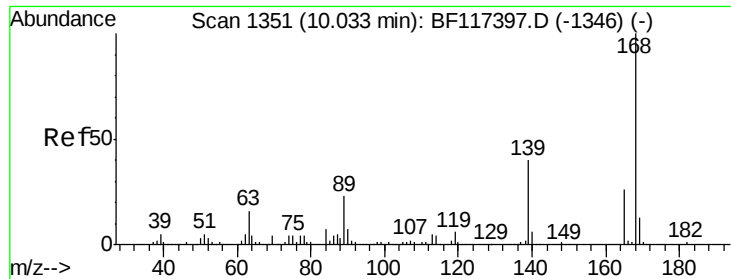
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#56
4-Nitrophenol
Concen: 10.466 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.2	43.8	83.8
65	106.2	73.9	113.9





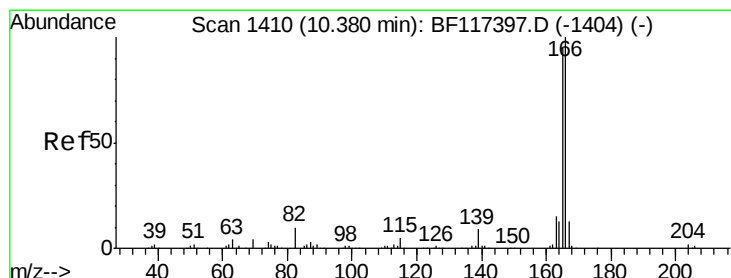
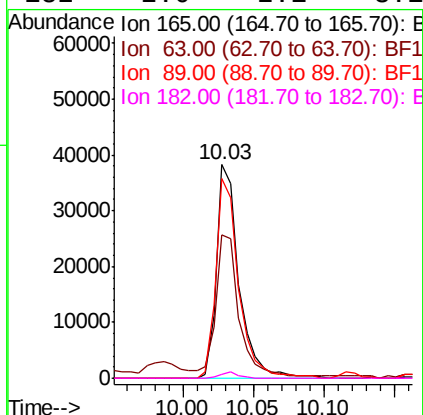
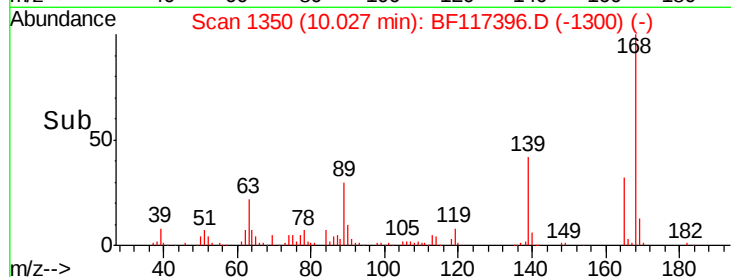
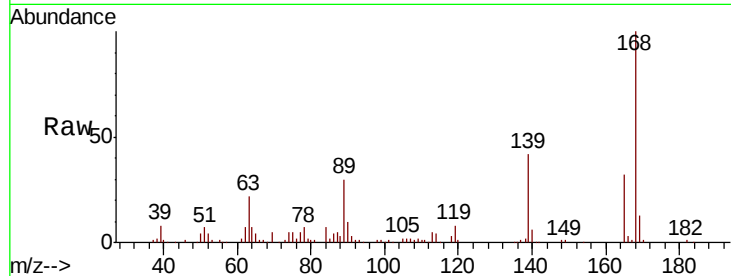
#57
2,4-Dinitrotoluene
Concen: 21.847 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
165	100		
63	67.2	51.0	76.4
89	93.8	70.7	106.1
182	2.0	2.1	3.1

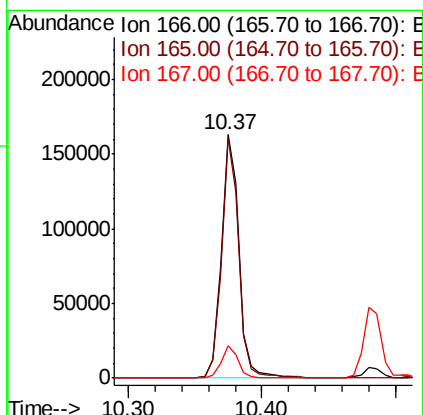
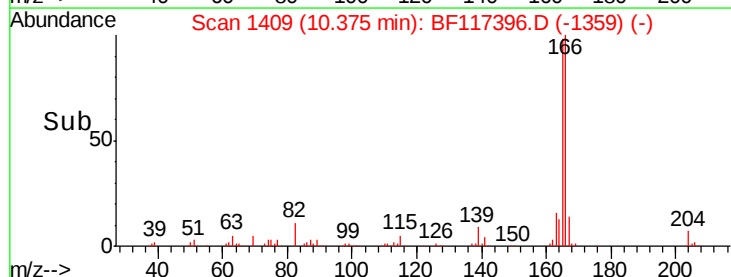
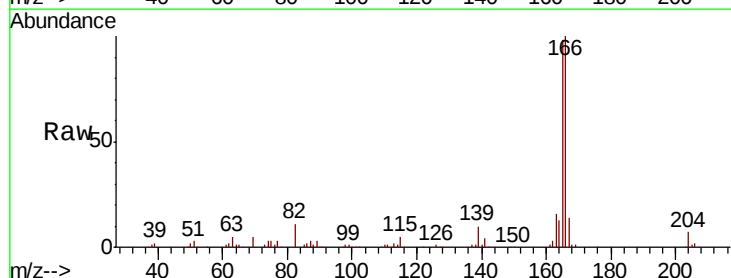
Manual Integrations
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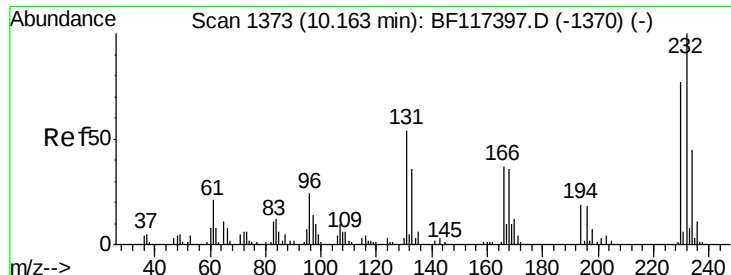
mohammad
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#58
Fluorene
Concen: 22.478 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	75.7	113.5
167	13.5	10.4	15.6





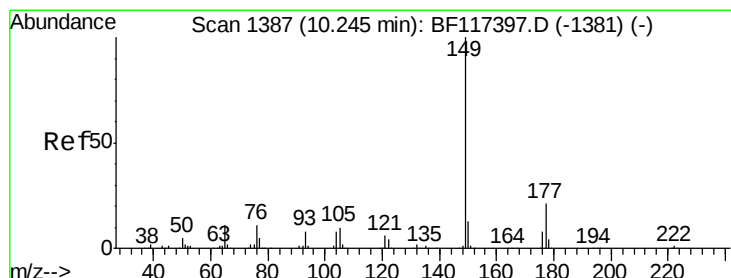
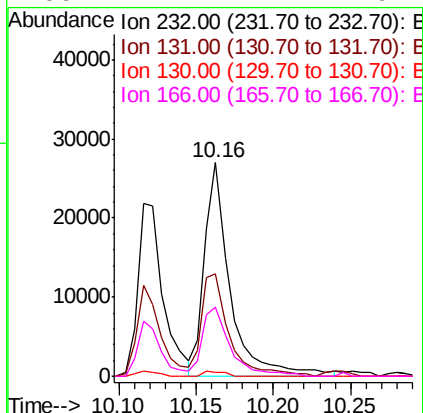
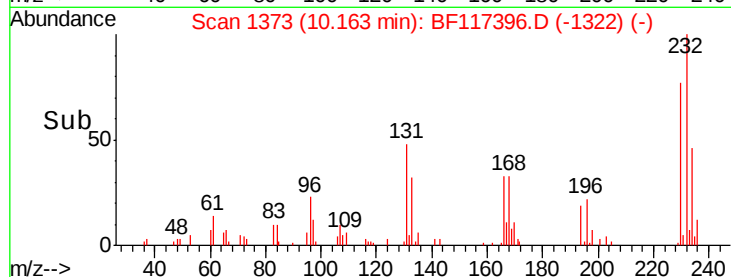
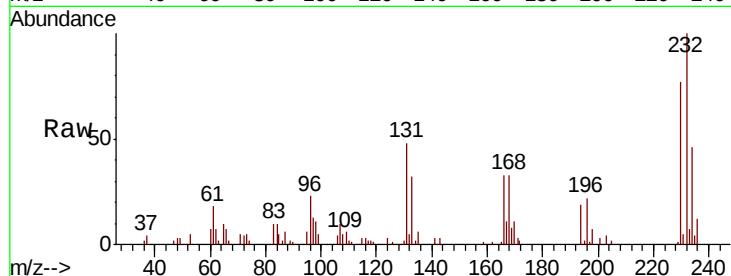
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.914 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
232	100	30956		
131	39.9		44.5	66.7#
130	2.1		2.0	3.0
166	24.1		27.1	40.7#

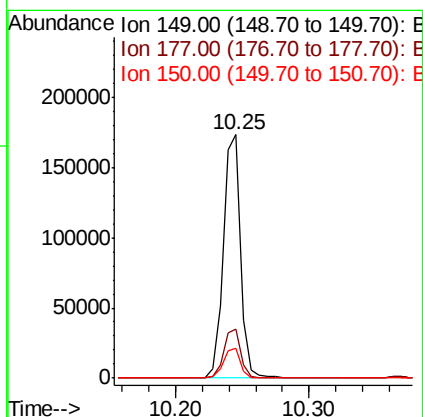
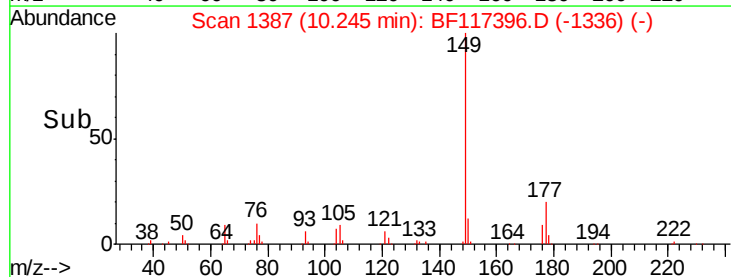
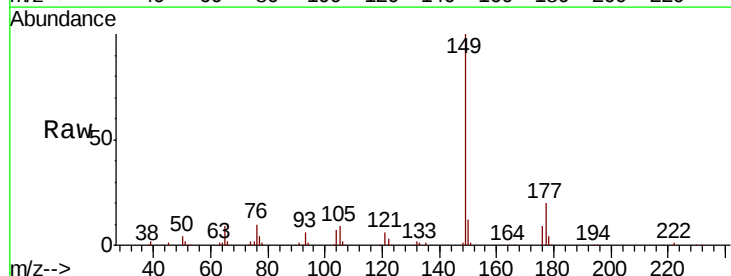
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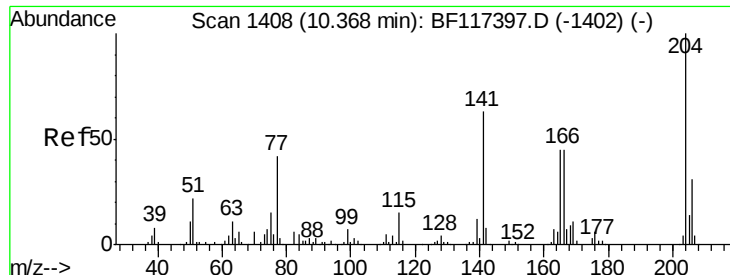
mohammad
10/16/2019 8:09:56 AM



#60
Diethylphthalate
Concen: 21.964 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	158062		
177	19.9		16.5	24.7
150	12.4		10.1	15.1





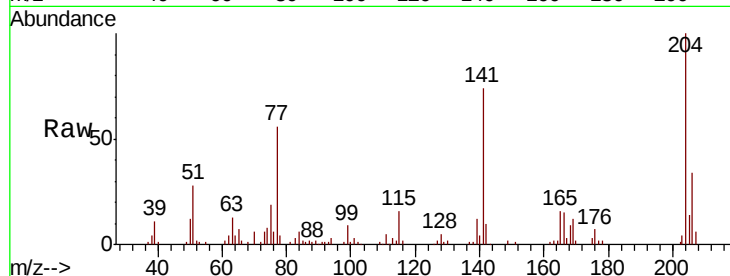
#61
4-Chlorophenyl-phenylether
Concen: 22.747 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	25.0	37.4
141	74.5	50.7	76.1

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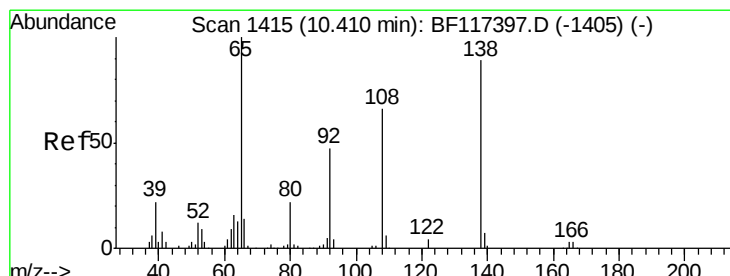
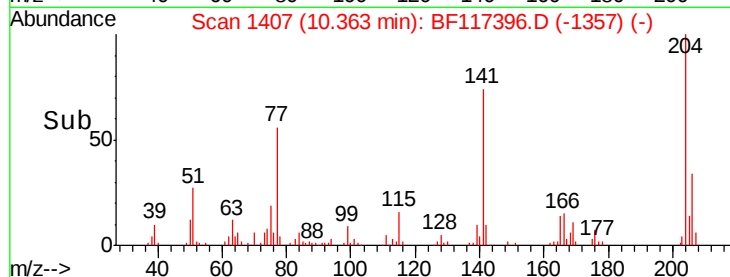
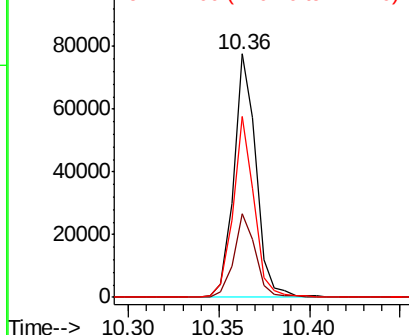


Abundance

Ion 204.00 (203.70 to 204.70): E

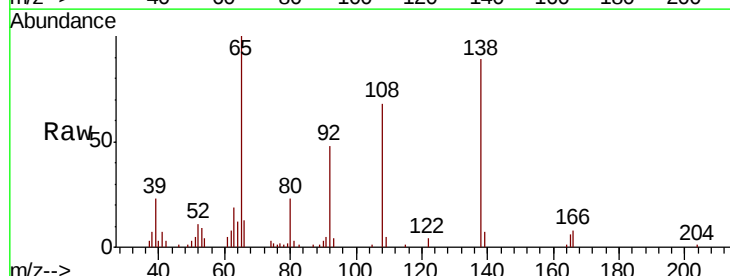
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 20.451 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.8	32.4	72.4
108	76.5	53.8	93.8

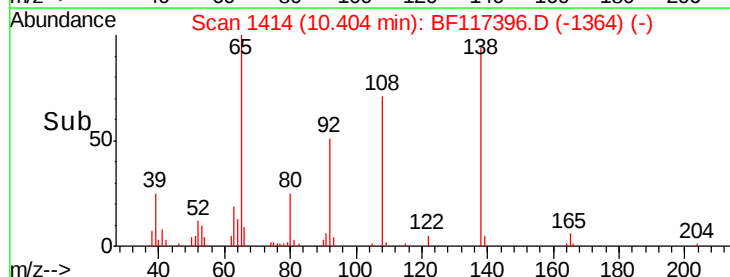
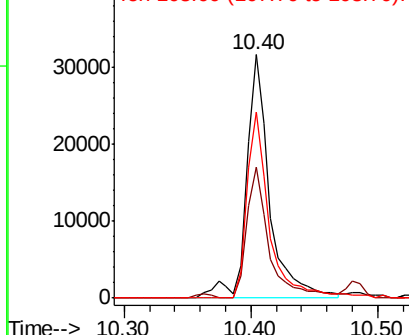


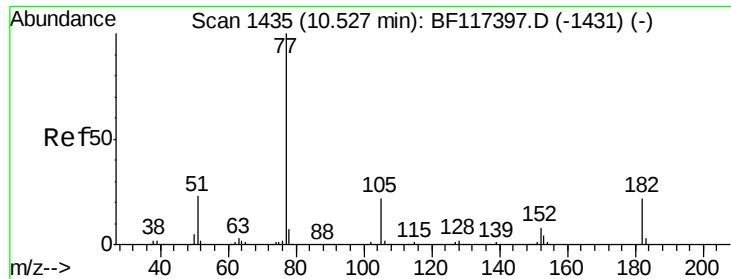
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





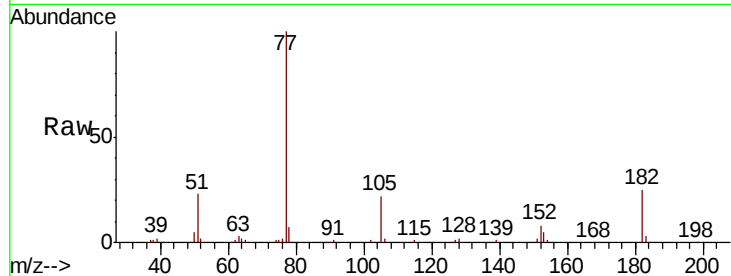
#63
Azobenzene
Concen: 21.773 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.8	1.5	41.5	
105	21.7	1.8	41.8	
51	22.6	3.3	43.3	

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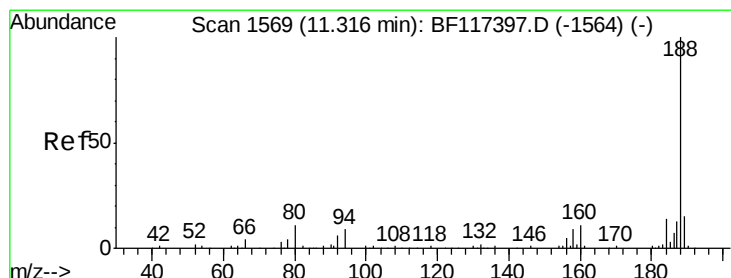
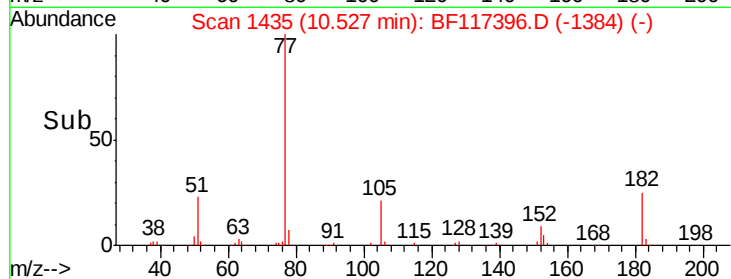
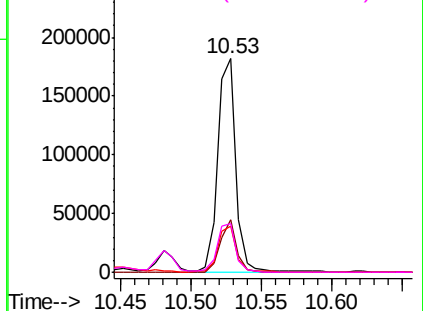


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

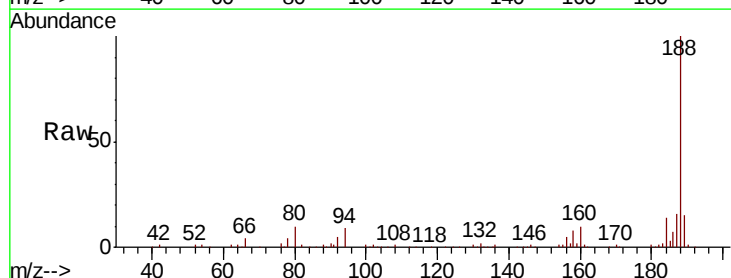
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

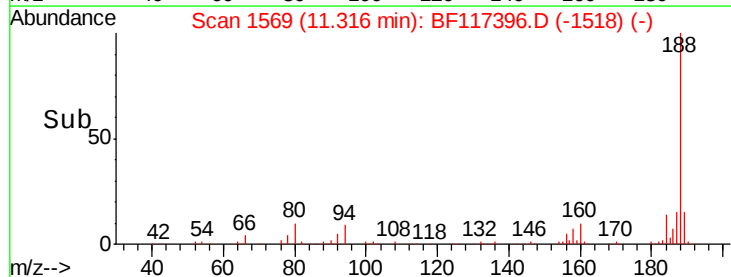
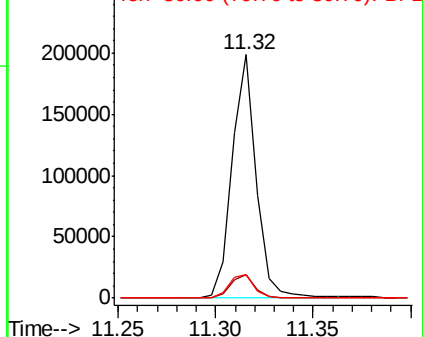
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.5	7.5	11.3	
80	9.6	8.7	13.1	

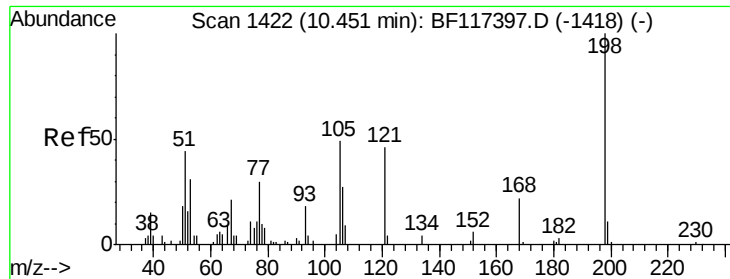


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





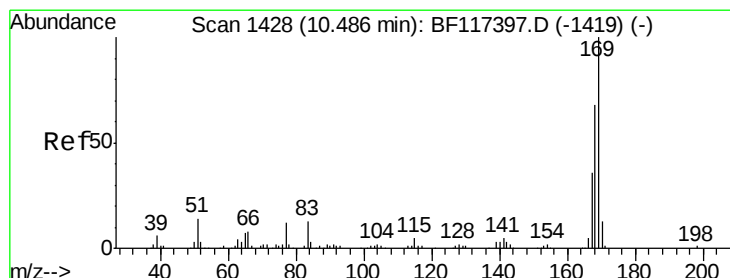
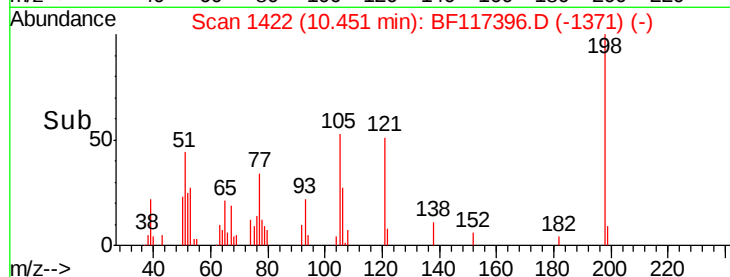
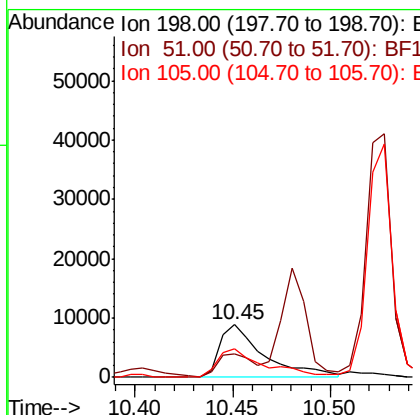
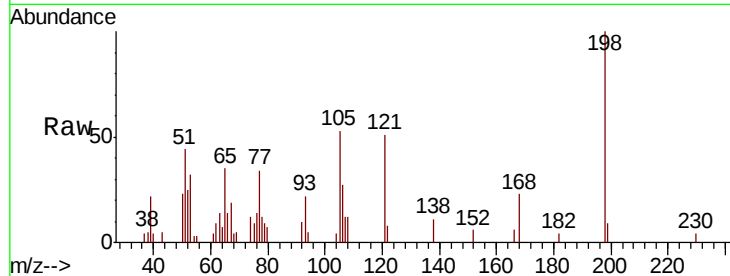
#65
 4,6-Dinitro-2-methylphenol
 Concen: 19.599 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC020

Tot Ion	Ratio	Resp	Lower	Upper
198	100	13966		
51	43.9	25.9	65.9	
105	53.0	29.4	69.4	

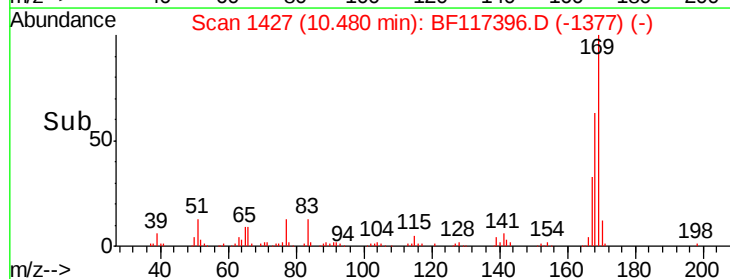
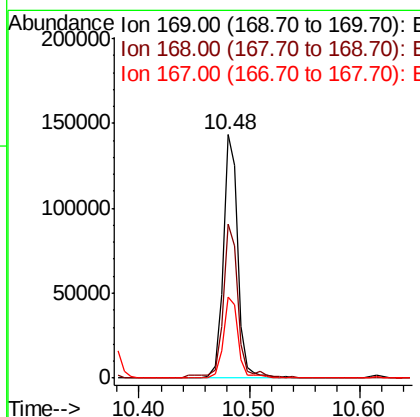
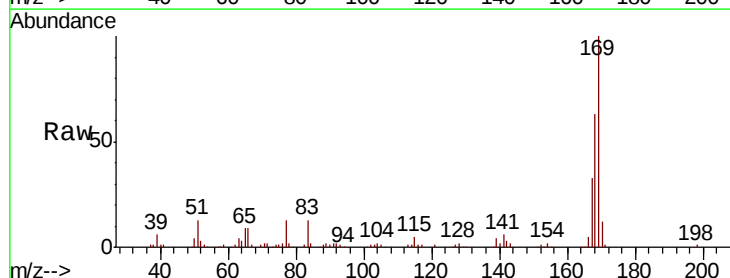
Manual Integrations
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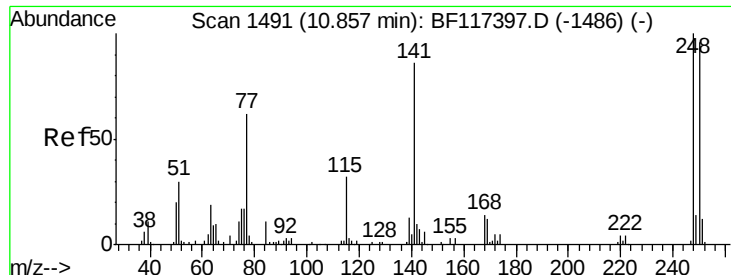
mohammad
 10/16/2019 8:09:56 AM



#66
 n-Nitrosodiphenylamine
 Concen: 22.468 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	131740		
168	63.4	54.1	81.1	
167	33.1	28.8	43.2	





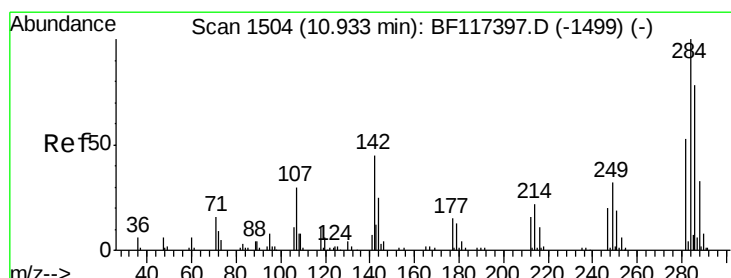
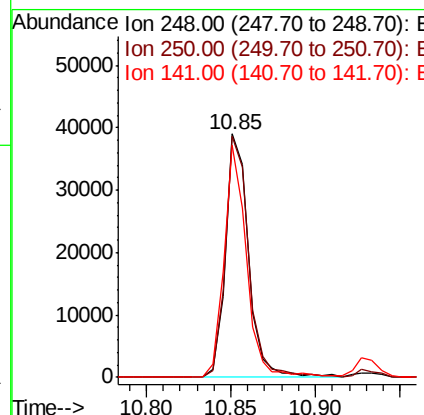
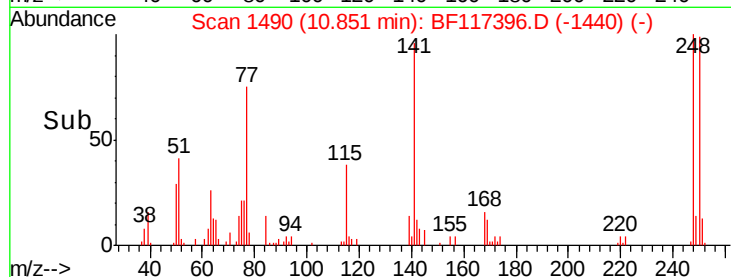
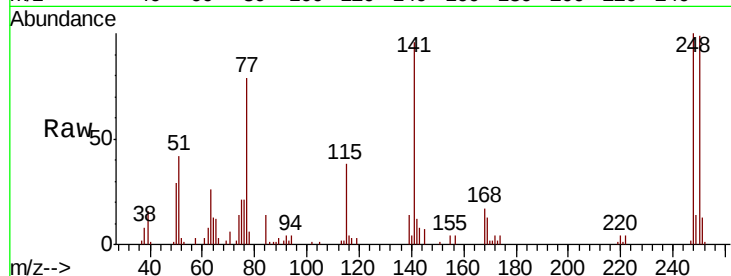
#67
4-Bromophenyl-phenylether
Concen: 21.363 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.1	115.7
141	95.5	69.1	103.7

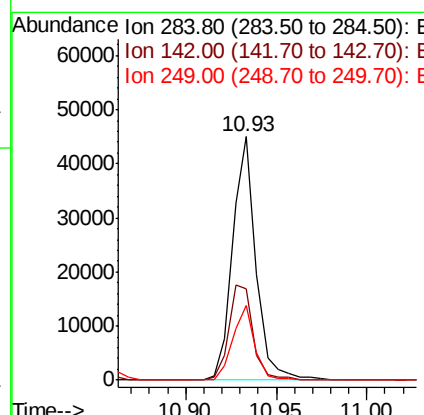
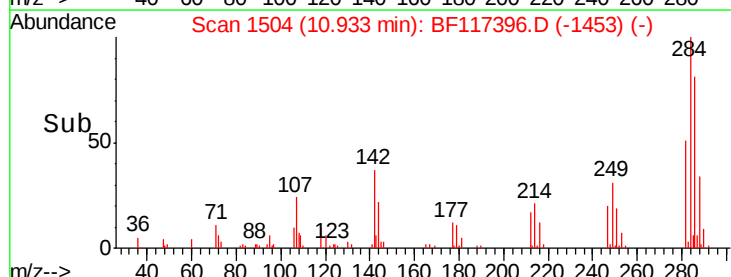
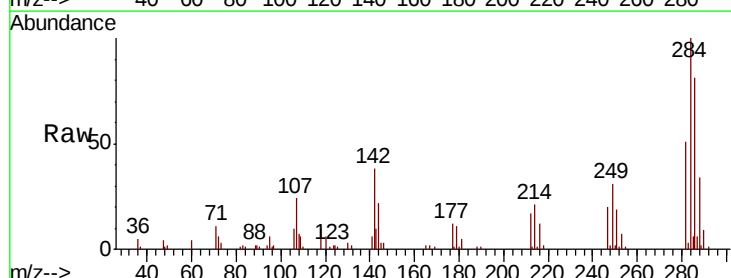
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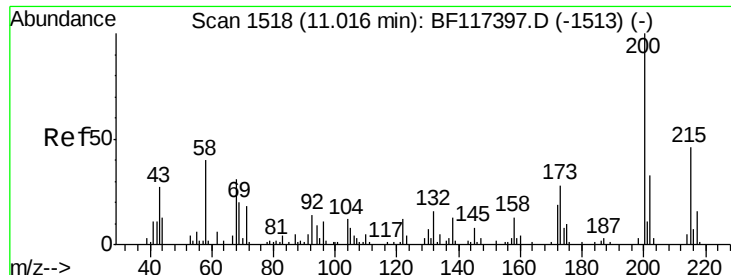
mohammad
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#68
Hexachlorobenzene
Concen: 21.269 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.6	35.7	53.5
249	30.6	25.8	38.6





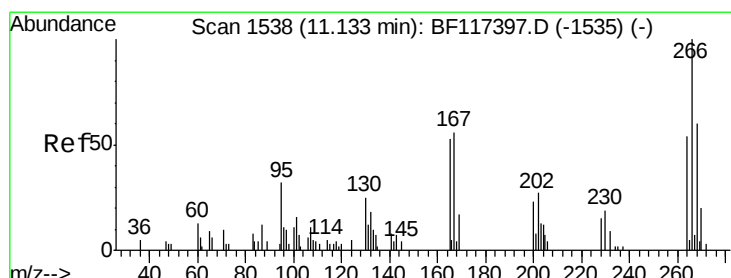
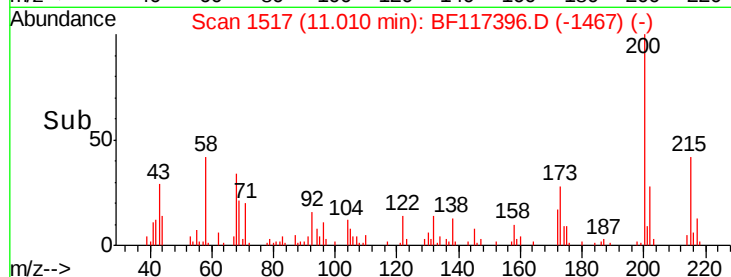
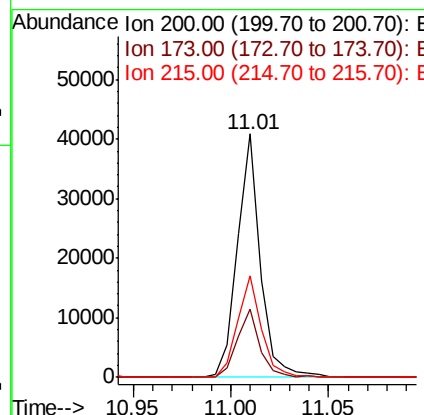
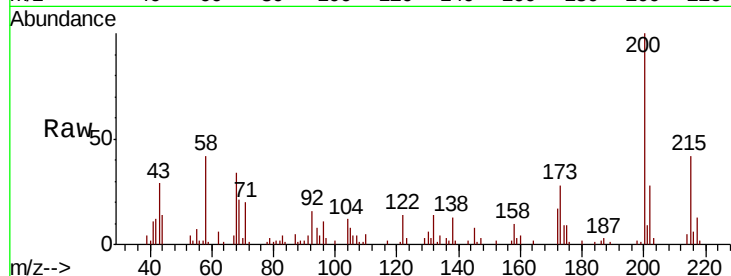
#69
Atrazine
Concen: 23.246 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	8.0	48.0
215	41.8	25.8	65.8

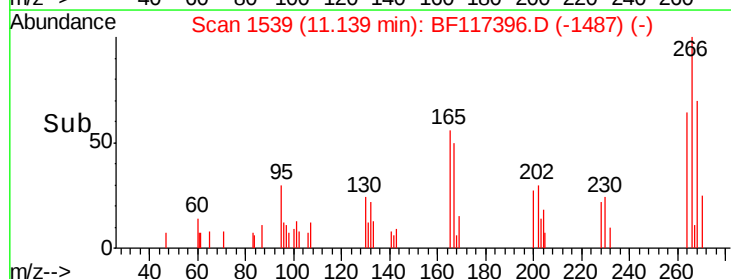
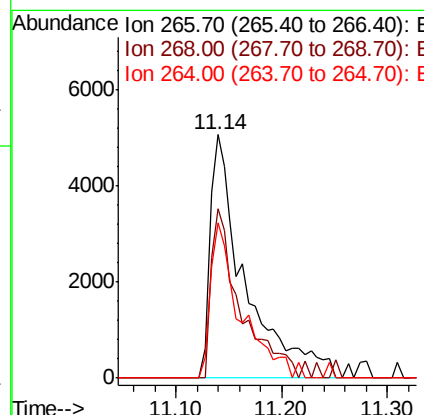
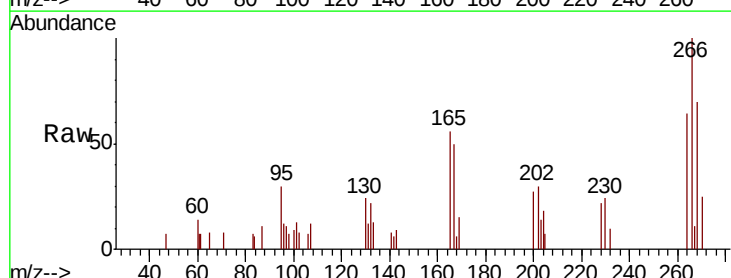
Manual Integrations
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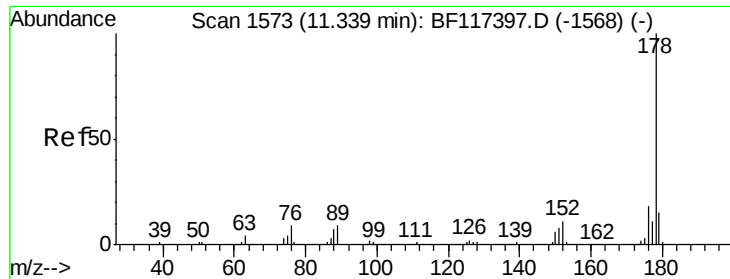
mohammad
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#70
Pentachlorophenol
Concen: 13.075 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.8	47.8	71.6
264	63.9	42.9	64.3





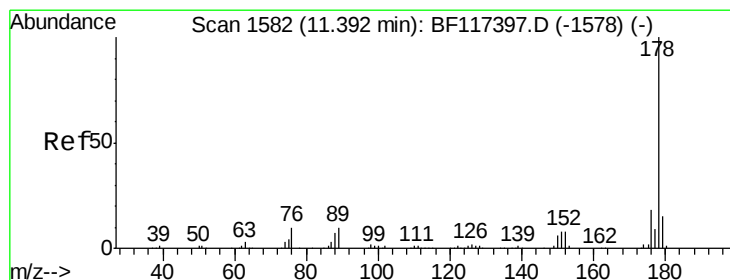
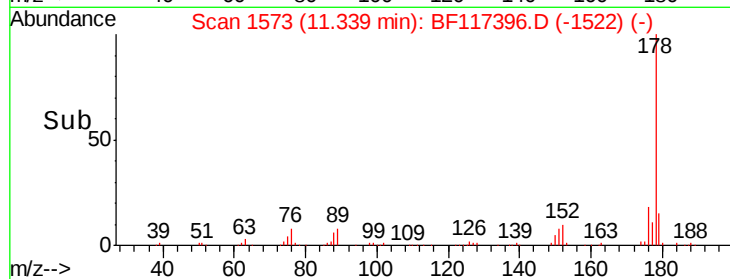
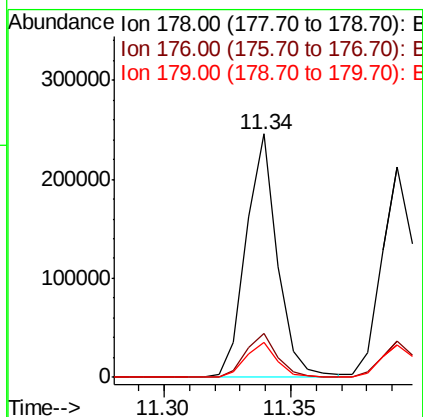
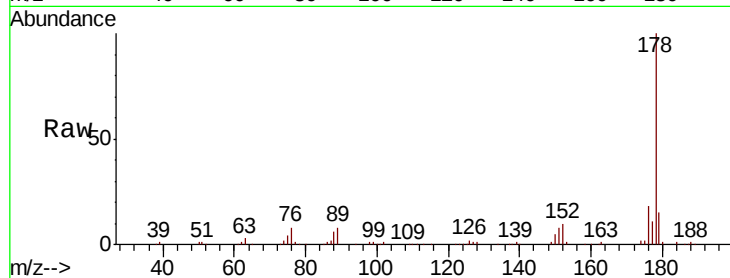
#71
Phenanthrene
Concen: 21.960 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	22.0
179	14.5	12.3	18.5

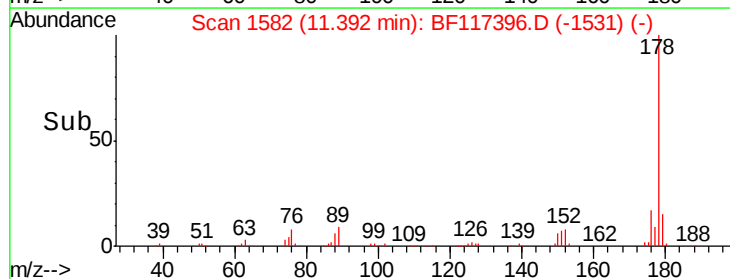
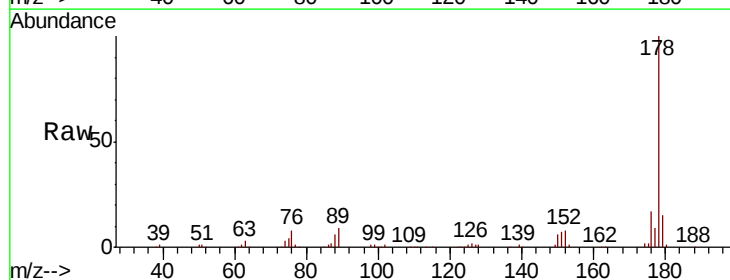
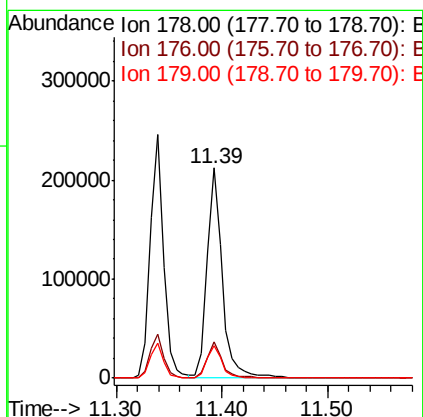
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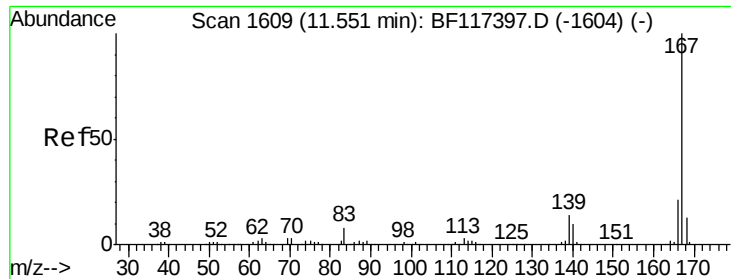
mohammad
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#72
Anthracene
Concen: 21.759 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.2	14.4	21.6
179	15.4	12.1	18.1





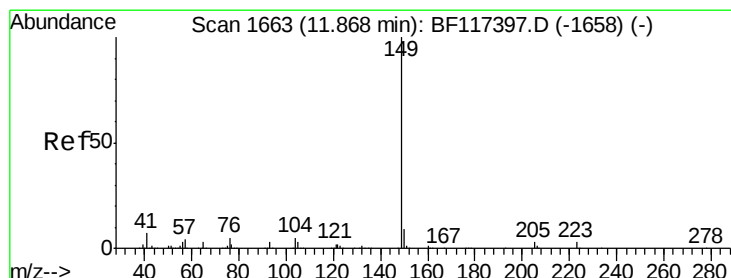
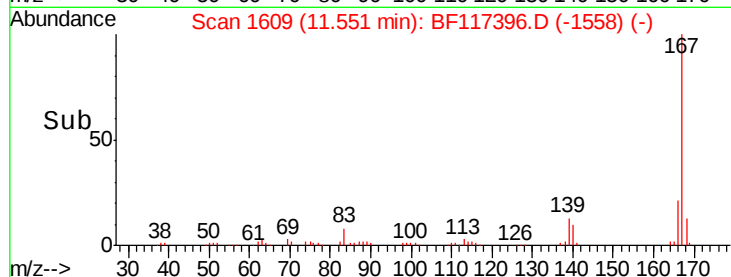
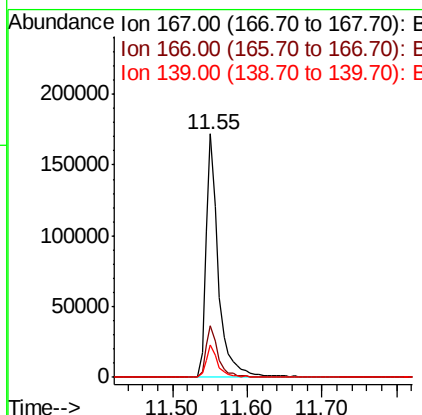
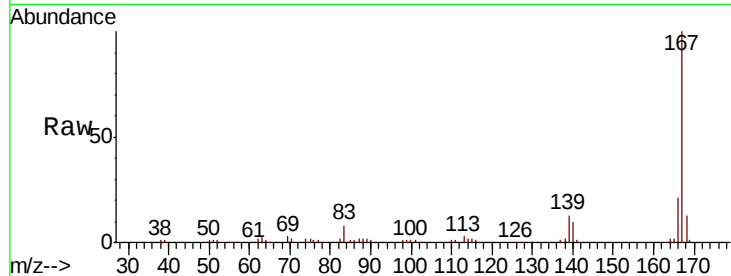
#73
 Carbazole
 Concen: 21.299 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Resp	Lower	Upper
167	100	199040		
166	21.4		17.0	25.4
139	13.5		10.8	16.2

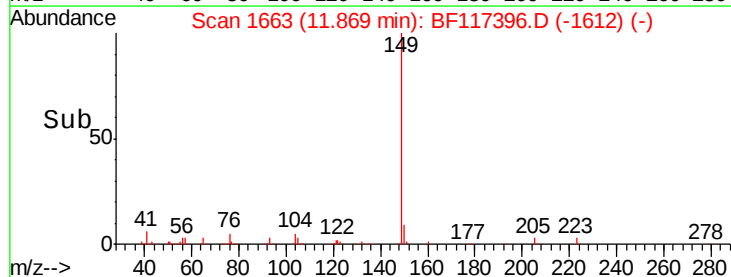
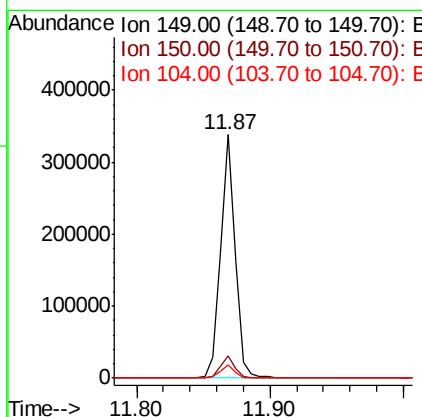
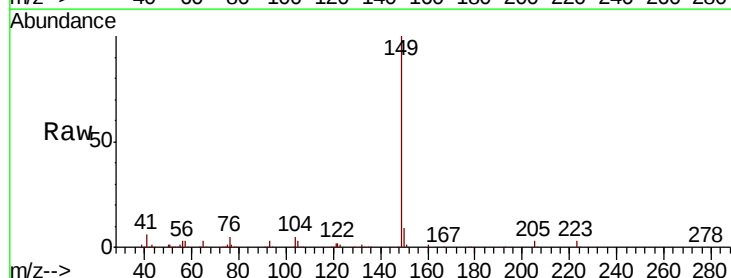
Manual Integrations
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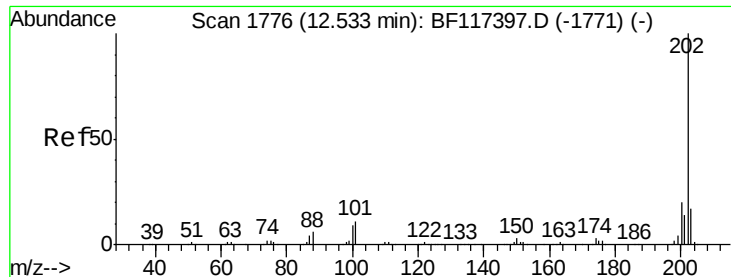
mohammad
 10/16/2019 8:09:56 AM



#74
 Di-n-butylphthalate
 Concen: 23.680 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	263293		
150	9.0		7.0	10.6
104	5.2		4.2	6.2





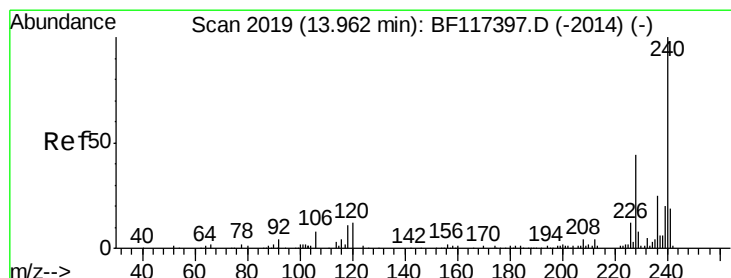
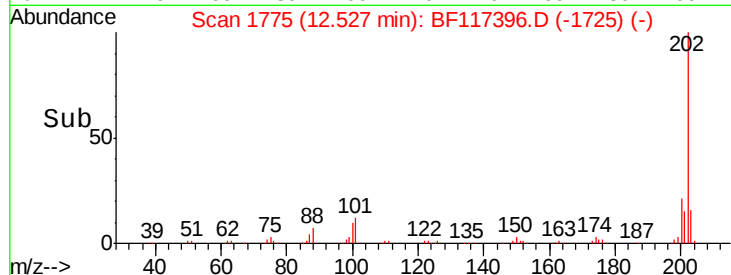
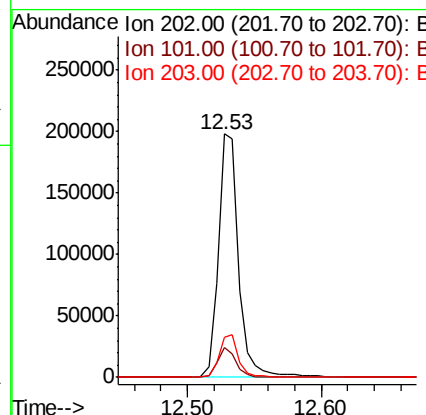
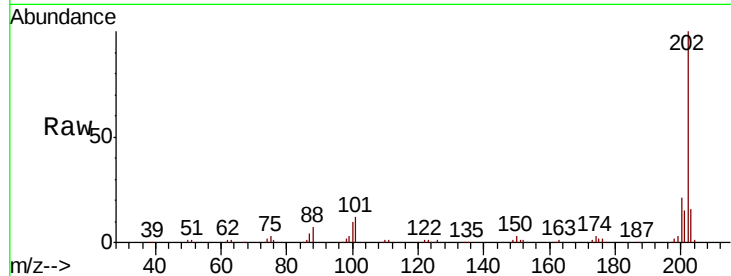
#75
Fluoranthene
Concen: 21.377 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	0.0	31.3
203	16.5	0.0	36.9

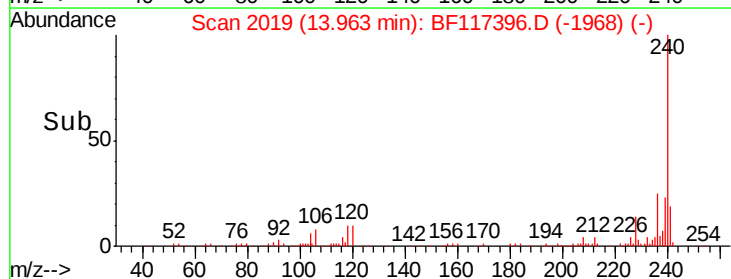
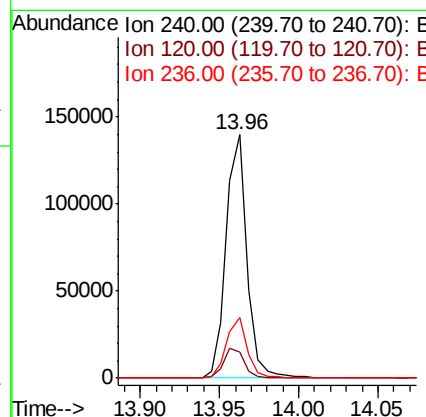
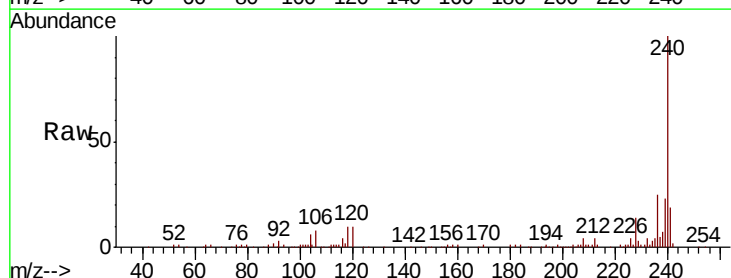
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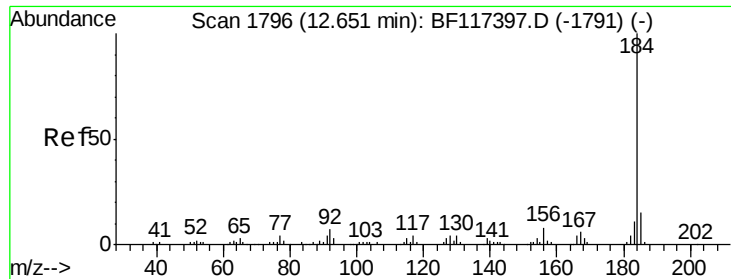
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.4	9.4	14.0
236	24.7	19.8	29.6





#77

Benzidine

Concen: 22.897 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tot Ion:184 Resp: 93981

Ion Ratio Lower Upper

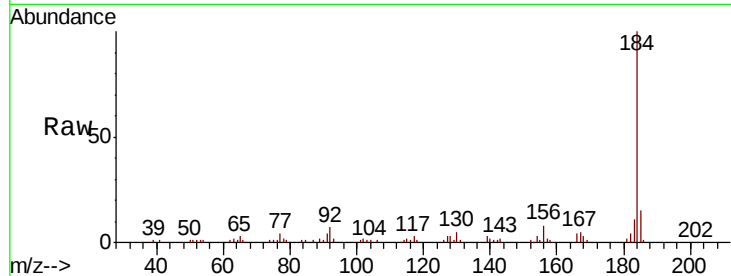
184 100

185 14.8 12.2 18.2

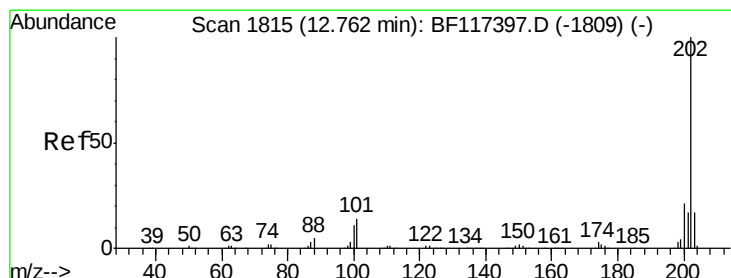
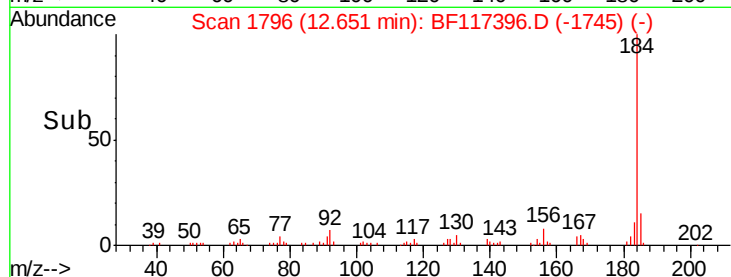
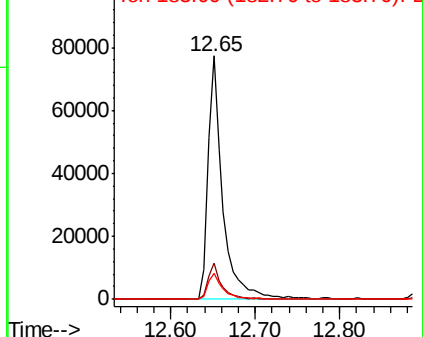
183 10.7 8.9 13.3

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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: 20.361 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

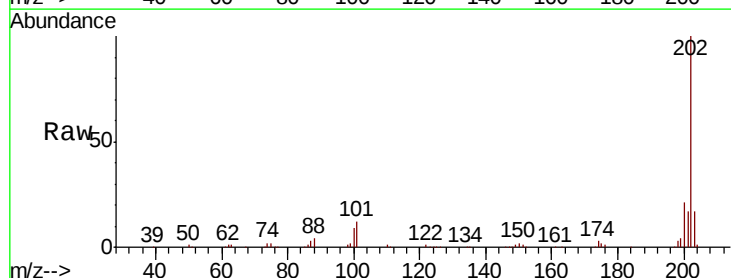
Tgt Ion:202 Resp: 217683

Ion Ratio Lower Upper

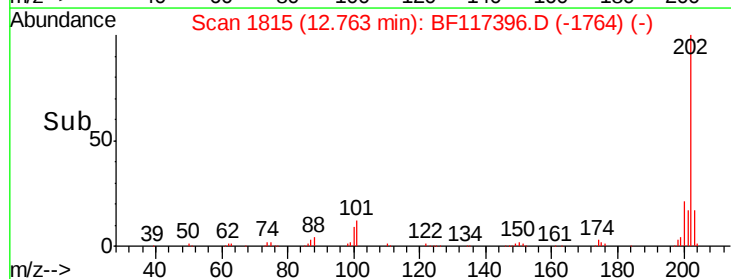
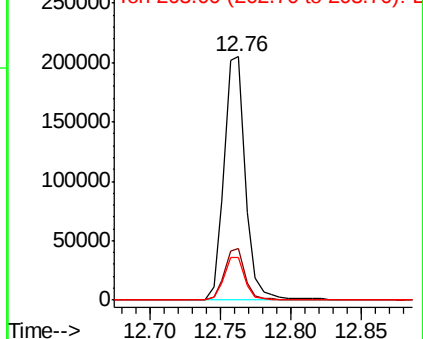
202 100

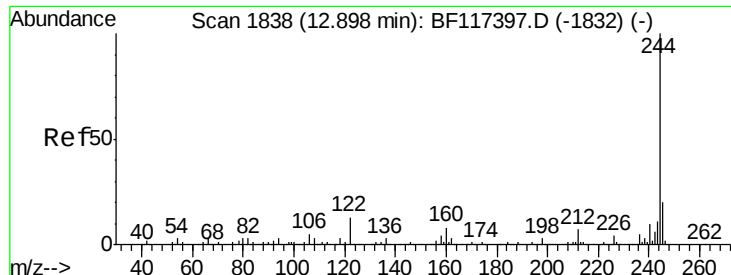
200 21.0 16.8 25.2

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





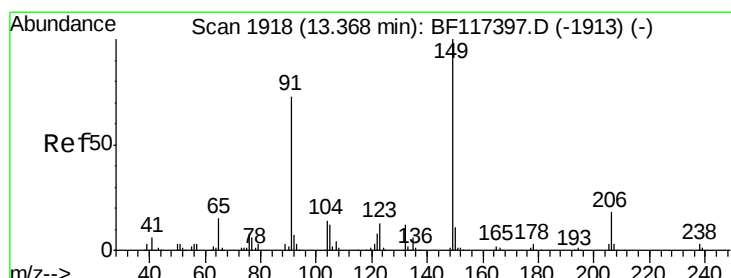
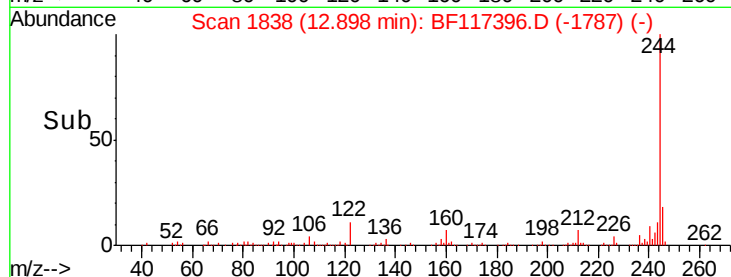
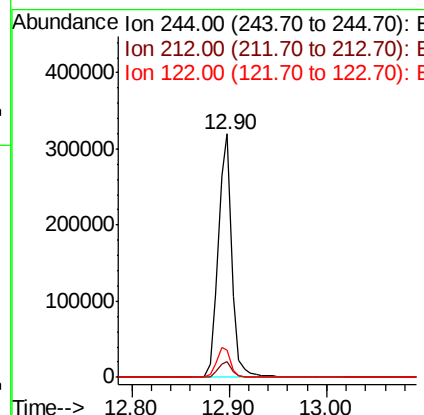
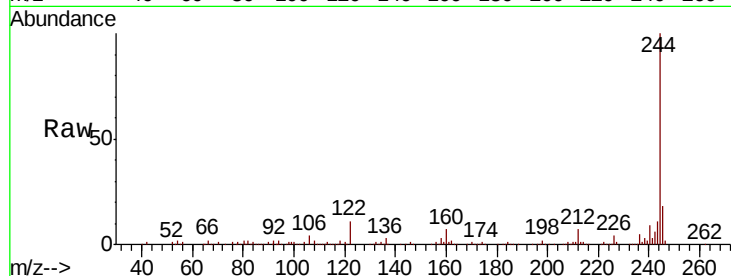
#79
 Terphenyl-d14
 Concen: 45.224 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	11.1	10.7	16.1

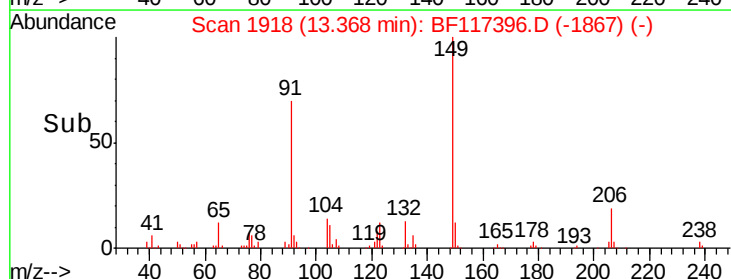
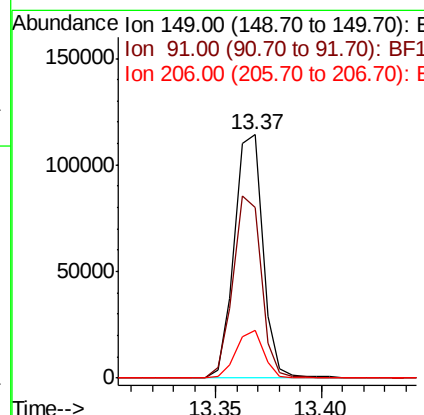
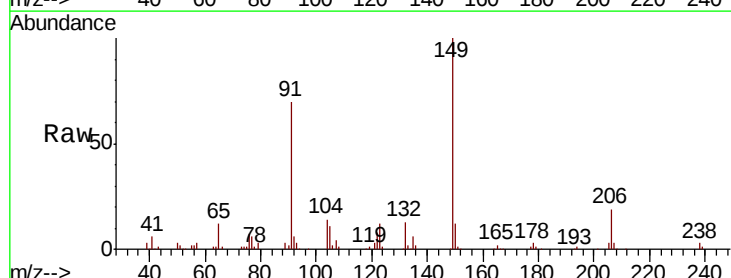
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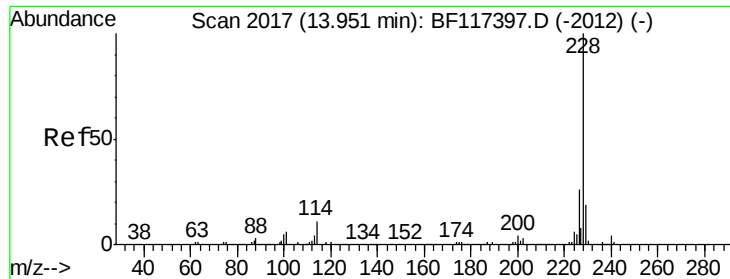
mohammad
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#80
 Butylbenzylphthalate
 Concen: 21.135 ng
 RT: 13.37 min Scan# 1918
 Delta R.T. 0.00 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.0	58.5	87.7
206	19.5	14.4	21.6





#81

Benzo(a)anthracene

Concen: 20.776 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

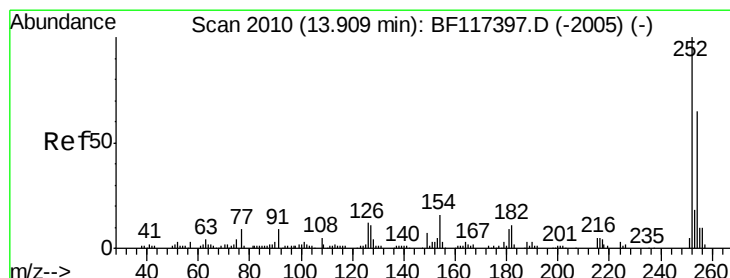
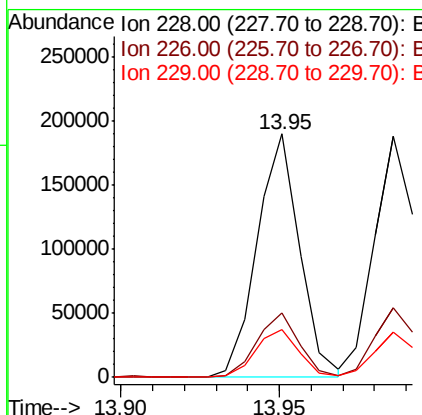
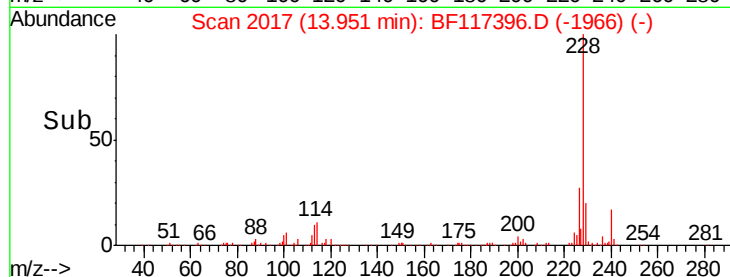
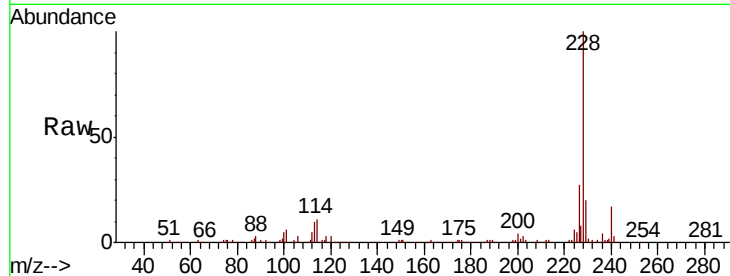
ClientSampleId :

SSTDICC020

Tot Ion:	228	Resp:	176861
Ion Ratio		Lower	Upper
228	100		
226	26.6	20.9	31.3
229	19.9	15.2	22.8

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#82

3,3'-Dichlorobenzidine

Concen: 22.005 ng

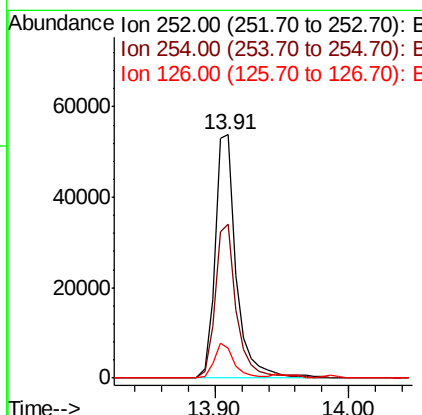
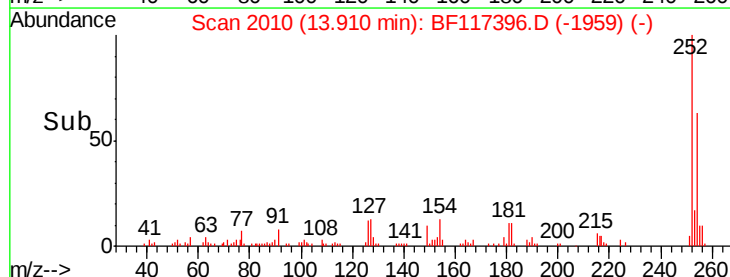
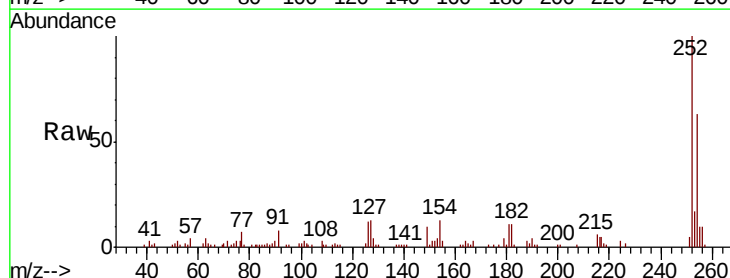
RT: 13.91 min Scan# 2010

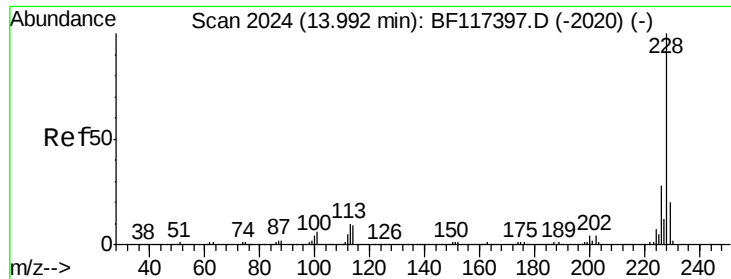
Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Tgt Ion:	252	Resp:	60365
Ion Ratio		Lower	Upper
252	100		
254	63.2	51.6	77.4
126	12.4	9.6	14.4





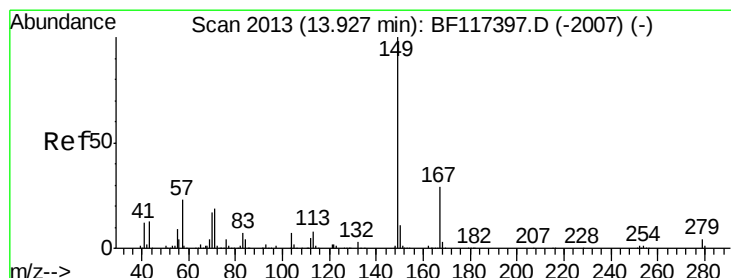
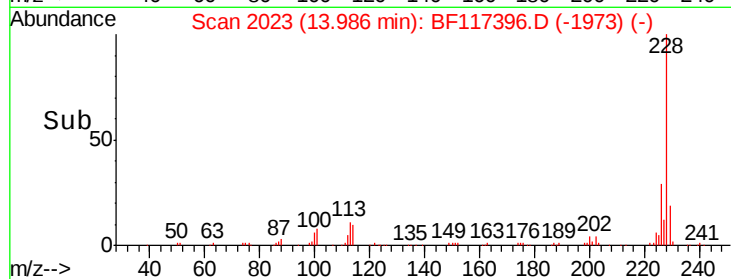
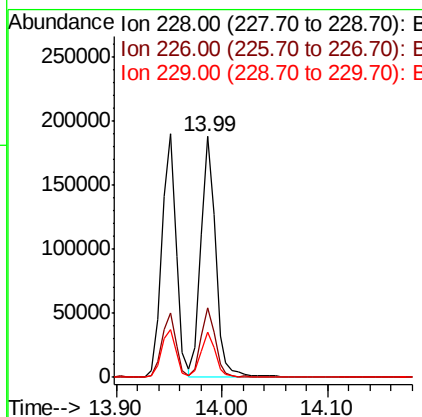
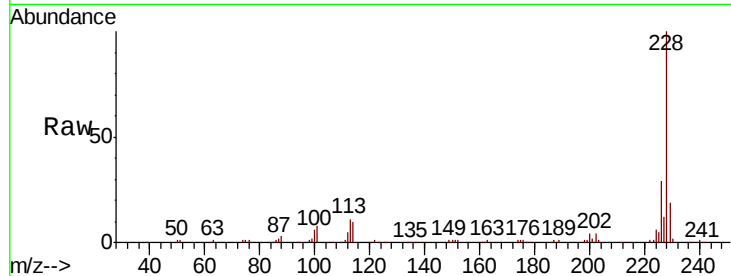
#83
 Chrvsene
 Concen: 21.924 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.8	34.2
229	18.9	15.7	23.5

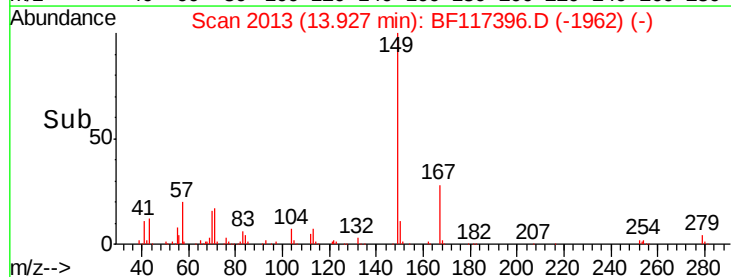
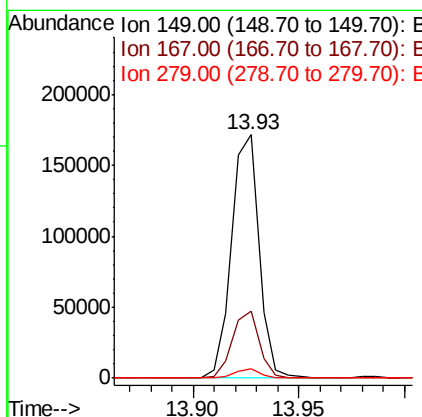
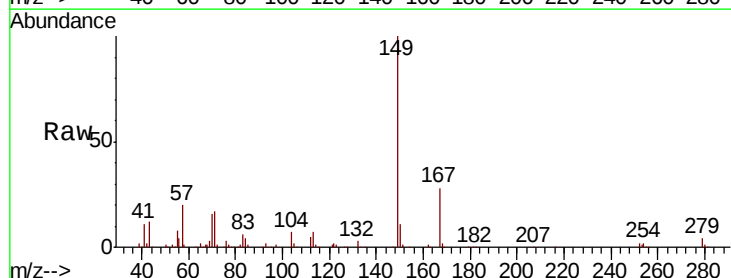
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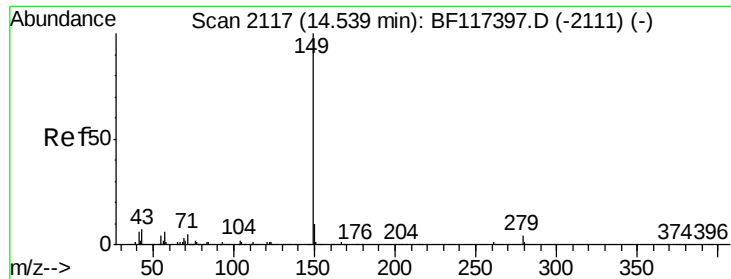
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 23.669 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	23.0	34.6
279	4.1	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 24.121 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

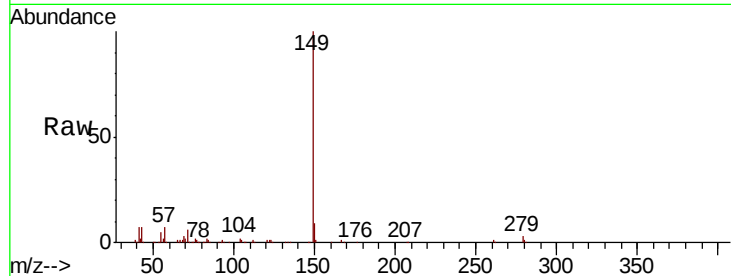
ClientSampleId :

SSTDIC020

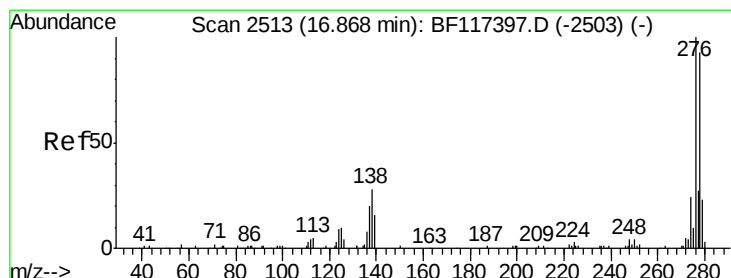
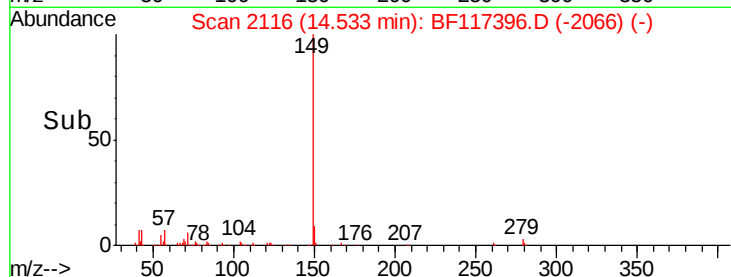
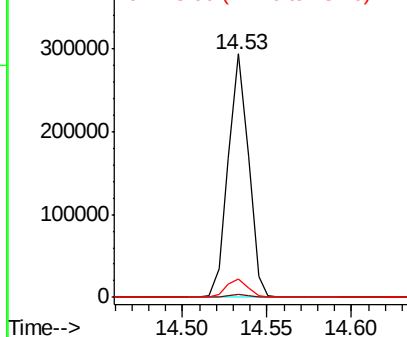
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.1	1.7	
43	8.1	6.6	9.8	

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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



#86

Indeno(1,2,3-cd)pyrene

Concen: 18.912 ng

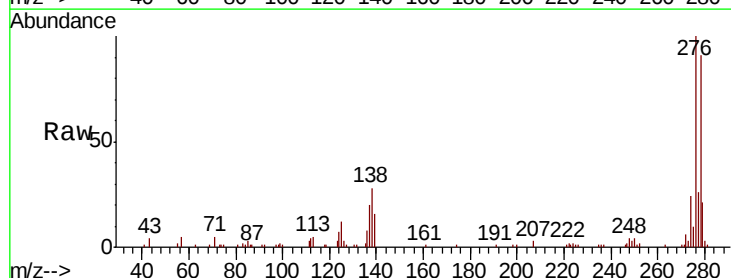
RT: 16.86 min Scan# 2512

Delta R.T. -0.01 min

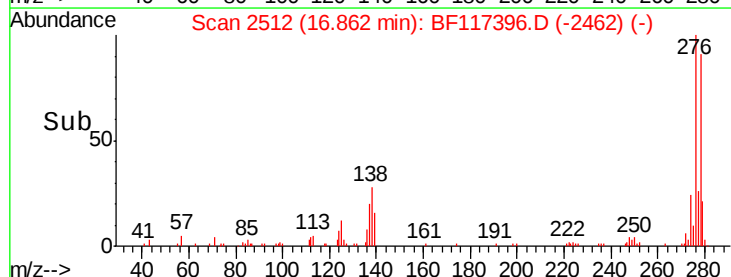
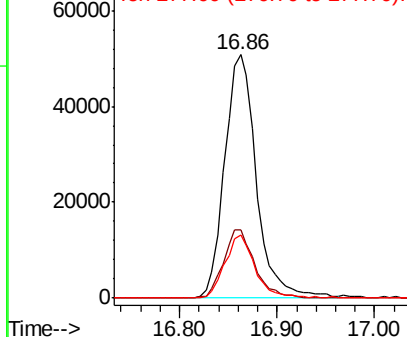
Lab File: BF117396.D

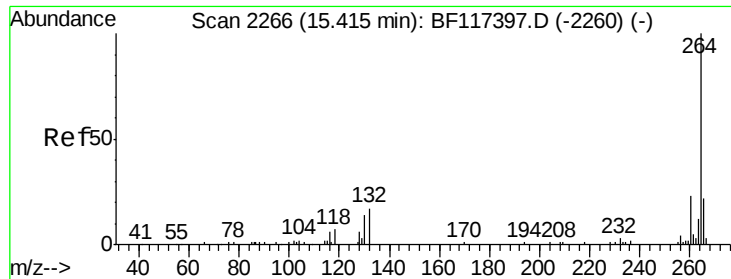
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	27.5	21.5	32.3	
277	24.4	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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

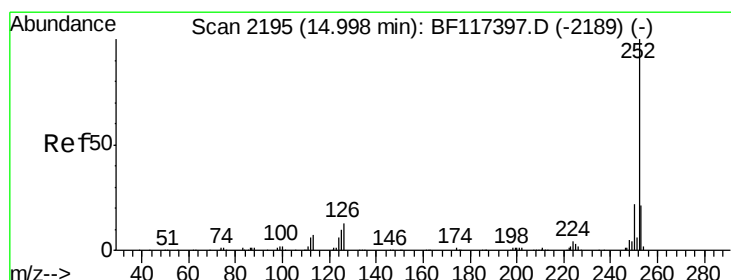
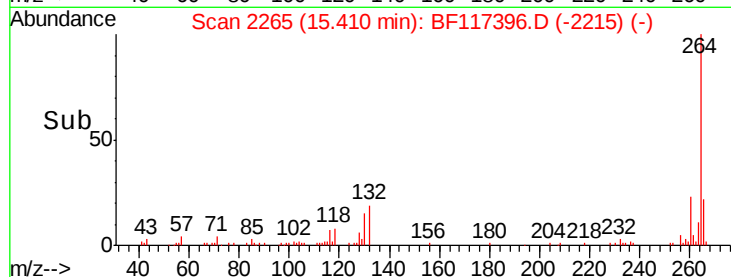
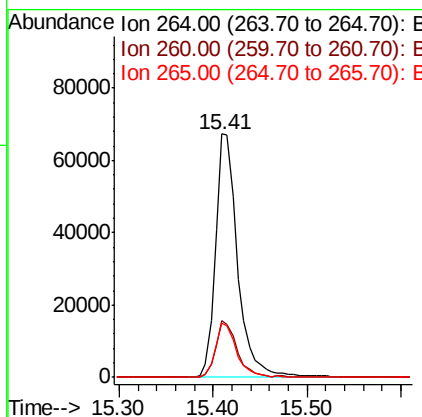
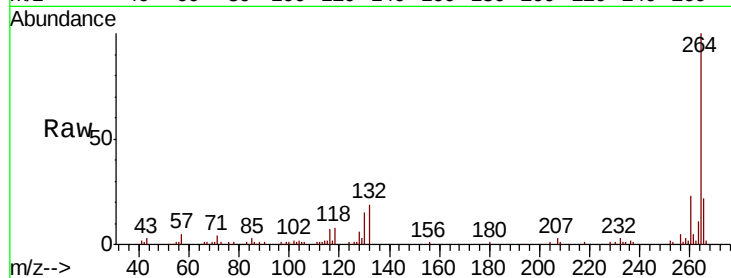
ClientSampleId :

SSTDIC020

Tot Ion:	264	Resp:	111218
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.6	27.8
265	22.3	17.4	26.0

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#88

Benzo(b)fluoranthene

Concen: 20.325 ng

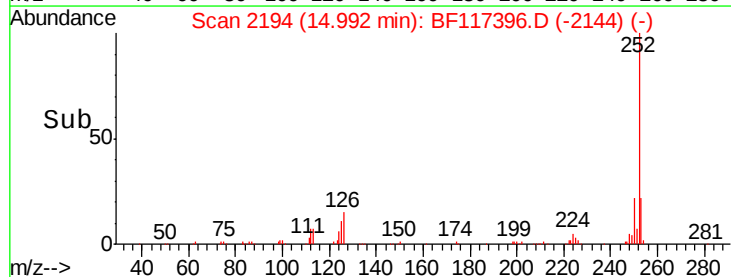
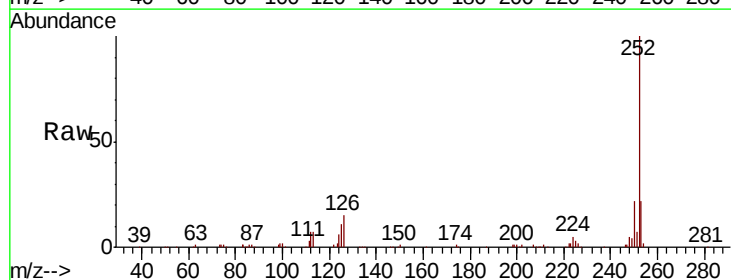
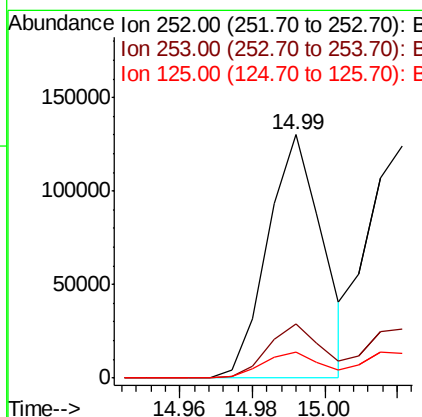
RT: 14.99 min Scan# 2194

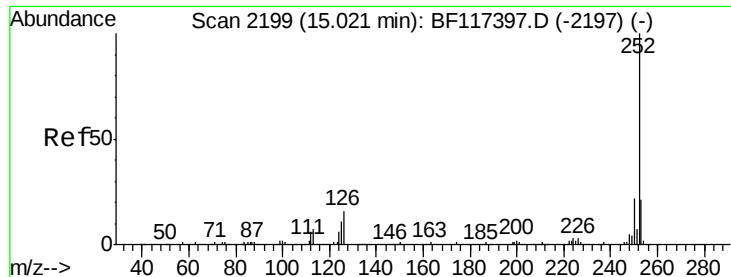
Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Tgt Ion:	252	Resp:	136927
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.2	25.8
125	10.7	8.2	12.2





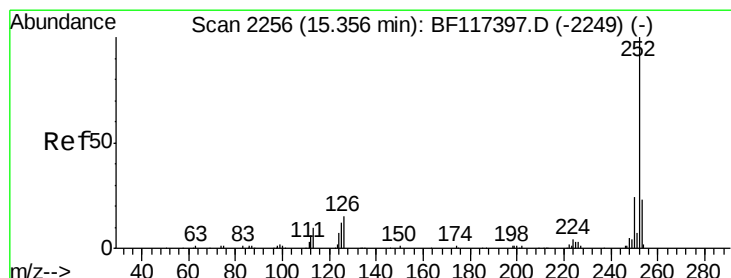
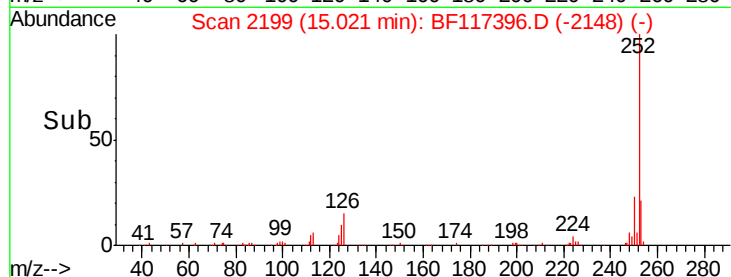
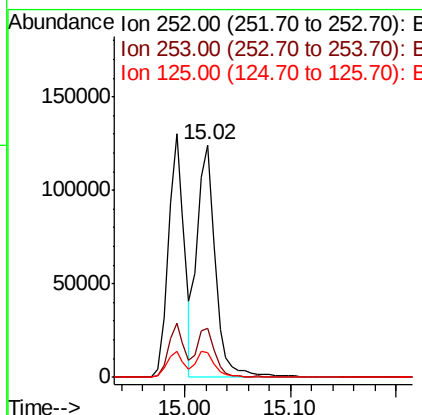
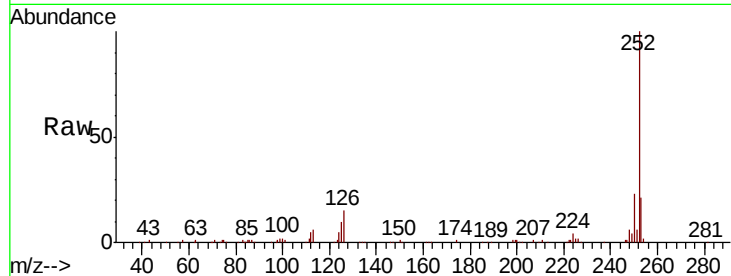
#89
Benzo(k)fluoranthene
Concen: 23.218 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	10.5	9.4	14.2

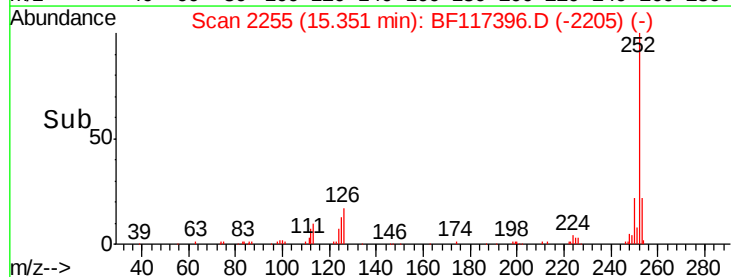
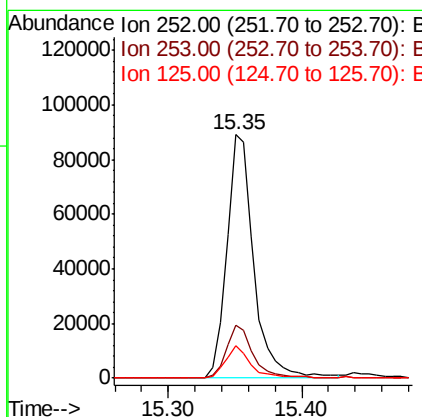
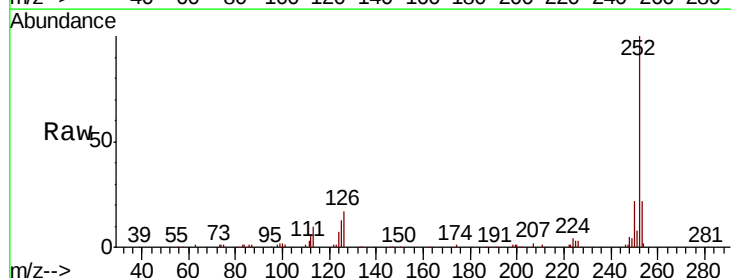
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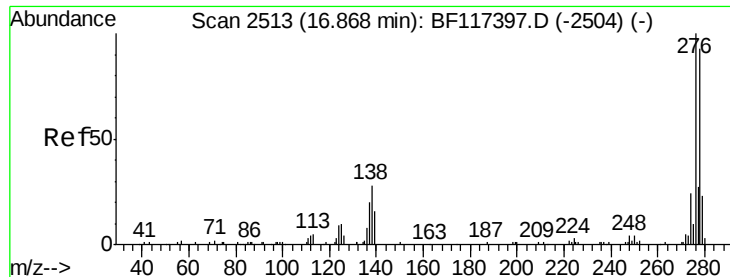
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#90
Benzo(a)pyrene
Concen: 21.310 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	13.2	9.4	14.0





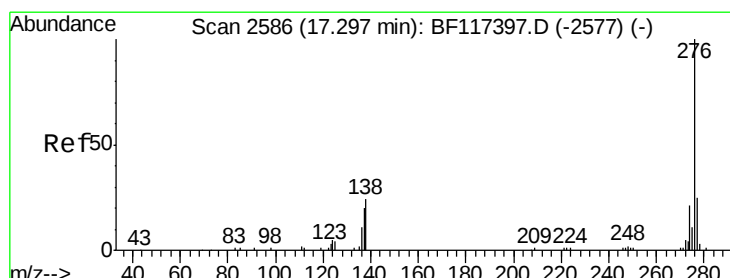
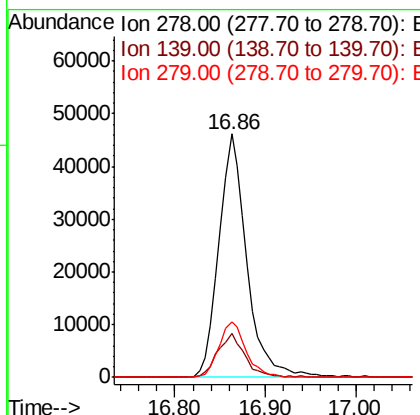
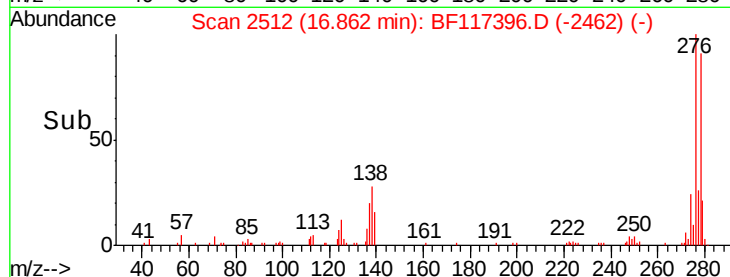
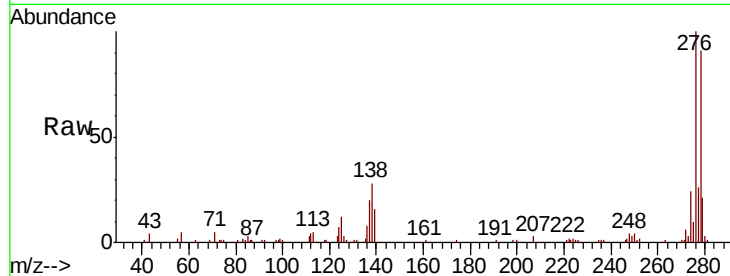
#91
Dibenzo(a,h)anthracene
Concen: 20.926 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:	278	Resp:	98551
Ion Ratio	Lower	Upper	
278	100		
139	17.9	14.1	21.1
279	23.0	19.8	29.6

Manual Integrations
APPROVED

mohammad
10/16/2019 8:09:56 AM



#92
Benzo(g,h,i)perylene
Concen: 18.859 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion:	276	Resp:	88505
Ion Ratio	Lower	Upper	
276	100		
277	25.3	19.9	29.9
138	22.1	19.3	28.9

