

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
 Data File : BF117409.D
 Acq On : 16 Oct 2019 13:03
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:26:25 AM

Quant Time: Oct 16 14:51:25 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 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	50946	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	219225	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	112745	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	181663	20.00	ng	0.00
76) Chrysene-d12	13.96	240	124858	20.00	ng	0.00
87) Perylene-d12	15.41	264	103374	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	266125	80.37	ng	0.00
7) Phenol-d6	6.44	99	357627	81.40	ng	0.00
23) Nitrobenzene-d5	7.36	82	348398	80.56	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	76552	83.43	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	630387	81.51	ng	0.00
79) Terphenyl-d14	12.90	244	622284	81.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	53571	39.301	ng	98
3) Pyridine	3.26	79	145866	42.049	ng	94
4) n-Nitrosodimethylamine	3.20	42	48761	39.889	ng	93
6) Aniline	6.46	93	223421	40.710	ng	90
8) 2-Chlorophenol	6.59	128	150603	40.911	ng	99
9) Benzaldehyde	6.35	77	95962	46.189	ng	98
10) Phenol	6.45	94	192813	40.653	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	143993	39.932	ng	98
12) 1,3-Dichlorobenzene	6.73	146	166547	40.456	ng	99
13) 1,4-Dichlorobenzene	6.81	146	167124	39.825	ng	95
14) 1,2-Dichlorobenzene	6.96	146	162352	40.959	ng	99
15) Benzyl Alcohol	6.95	79	137832	41.007	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	158472	41.853	ng	95
17) 2-Methylphenol	7.06	107	125242	40.753	ng	99
18) Hexachloroethane	7.30	117	65502	40.146	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	117081	41.797	ng	98
20) 3+4-Methylphenols	7.22	107	162693	41.115	ng	99
22) Acetophenone	7.21	105	235444	40.928	ng	98
24) Nitrobenzene	7.38	77	173401	40.026	ng	99
25) Isophorone	7.62	82	314046	40.764	ng	97
26) 2-Nitrophenol	7.70	139	79704	41.467	ng	97
27) 2,4-Dimethylphenol	7.74	122	118018	40.400	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	197044	41.258	ng	99
29) 2,4-Dichlorophenol	7.95	162	123219	40.879	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	131261	40.395	ng	99
31) Naphthalene	8.10	128	442276	40.397	ng	100
32) Benzoic acid	7.90	122	76630	40.097	ng	92
33) 4-Chloroaniline	8.15	127	191596	41.208	ng	98
34) Hexachlorobutadiene	8.21	225	75475	40.555	ng	96
35) Caprolactam	8.53	113	39264m	41.596	ng	
36) 4-Chloro-3-methylphenol	8.64	107	139675	40.724	ng	100
37) 2-Methylnaphthalene	8.79	142	299219	40.474	ng	97
38) 1-Methylnaphthalene	8.89	142	280412	40.257	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	122895	40.501	ng	100

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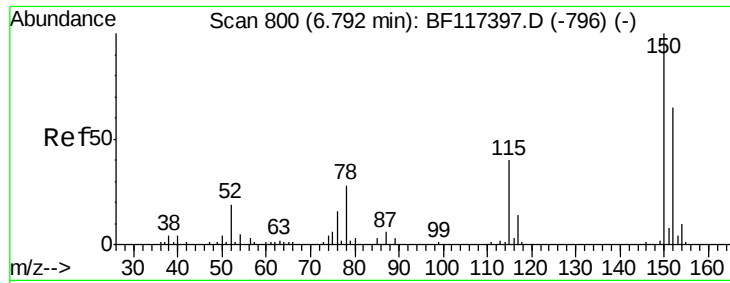
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	43384	76.566	nq	91
43) 2,4,6-Trichlorophenol	9.07	196	78785	41.028	nq	97
44) 2,4,5-Trichlorophenol	9.13	196	79002	40.333	nq	98
46) 1,1'-Biphenyl	9.25	154	372341	40.425	nq	98
47) 2-Chloronaphthalene	9.28	162	291672	40.623	nq	98
48) 2-Nitroaniline	9.38	65	93126	40.651	nq	98
49) Acenaphthylene	9.69	152	431058	40.953	nq	100
50) Dimethylphthalate	9.55	163	333405	41.176	nq	99
51) 2,6-Dinitrotoluene	9.62	165	69584	40.885	nq	99
52) Acenaphthene	9.86	154	258983	40.492	nq	98
53) 3-Nitroaniline	9.79	138	86256	41.502	nq	97
54) 2,4-Dinitrophenol	9.92	184	24295	36.087	nq	96
55) Dibenzofuran	10.03	168	380434	40.775	nq	99
56) 4-Nitrophenol	9.97	139	44381	49.470	nq	87
57) 2,4-Dinitrotoluene	10.03	165	92960	41.395	nq	97
58) Fluorene	10.38	166	317914	40.924	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	60659	40.059	nq	98
60) Diethylphthalate	10.25	149	338955	41.529	nq	99
61) 4-Chlorophenyl-phenylether	10.36	204	145613	42.336	nq	93
62) 4-Nitroaniline	10.42	138	79689	40.337	nq	96
63) Azobenzene	10.53	77	338919	40.469	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	36632	38.872	nq	95
66) n-Nitrosodiphenylamine	10.49	169	269006	39.639	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	81847	41.077	nq	96
68) Hexachlorobenzene	10.93	284	86516	40.431	nq	96
69) Atrazine	11.02	200	54242	49.291	nq	98
70) Pentachlorophenol	11.13	266	33891	52.940	nq	# 91
71) Phenanthrene	11.34	178	436239	40.622	nq	99
72) Anthracene	11.39	178	451604	40.737	nq	99
73) Carbazole	11.55	167	414728	41.184	nq	100
74) Di-n-butylphthalate	11.87	149	567114	41.590	nq	99
75) Fluoranthene	12.53	202	438929	41.105	nq	98
77) Benzidine	12.65	184	126183	40.862	nq	99
78) Pyrene	12.76	202	447619	40.557	nq	99
80) Butylbenzylphthalate	13.37	149	233627	42.097	nq	98
81) Benzo(a)anthracene	13.95	228	347134	40.520	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	108403	40.021	nq	99
83) Chrysene	13.99	228	340374	40.288	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	329190	42.069	nq	97
85) Di-n-octyl phthalate	14.53	149	501856	42.126	nq	100
86) Indeno(1,2,3-cd)pyrene	16.87	276	234166	39.639	nq	99
88) Benzo(b)fluoranthene	14.99	252	246949	38.373	nq	98
89) Benzo(k)fluoranthene	15.02	252	267440	41.816	nq	99
90) Benzo(a)pyrene	15.35	252	226473	39.741	nq	97
91) Dibenzo(a,h)anthracene	16.87	278	193754	39.678	nq	98
92) Benzo(g,h,i)perylene	17.30	276	177569	38.202	nq	96

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



#1

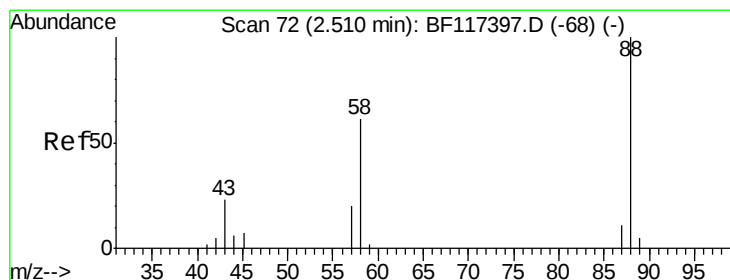
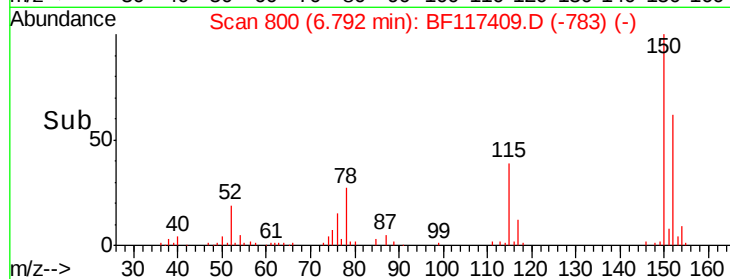
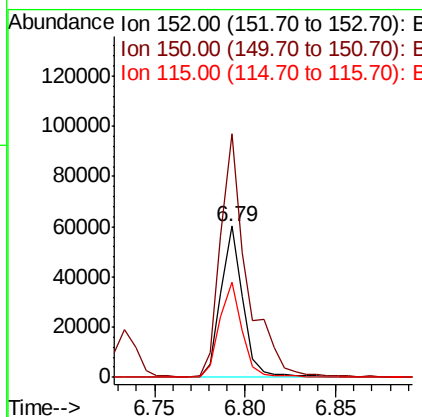
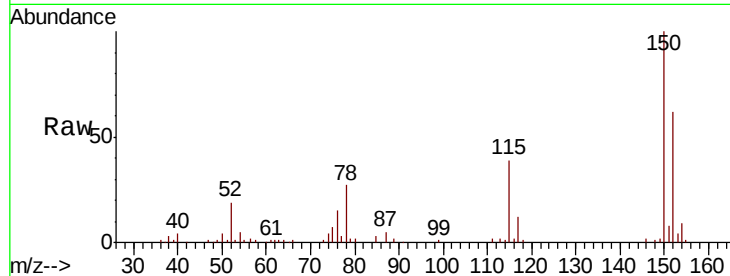
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	122.7	184.1
115	63.4	48.6	73.0

Manual Integrations
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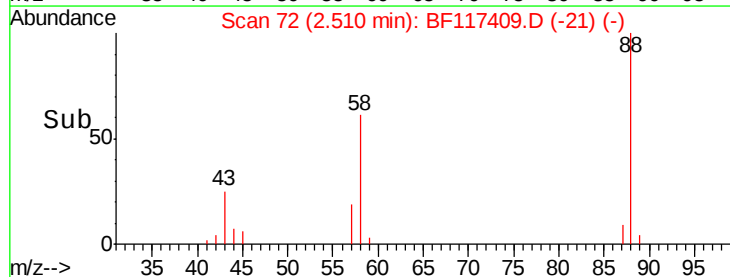
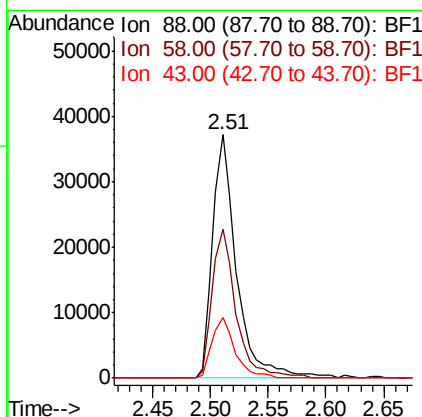
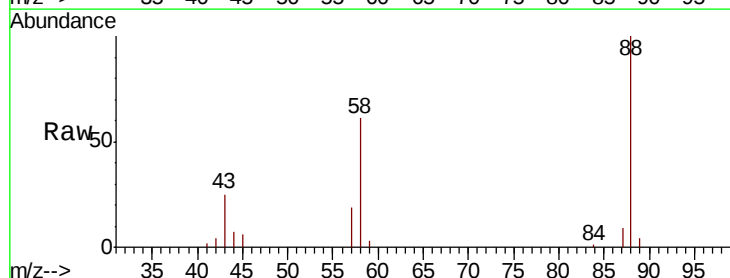
mohammad
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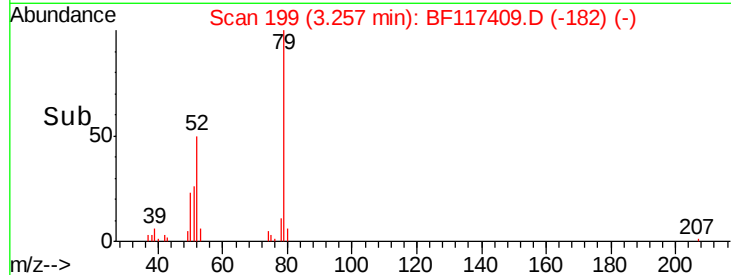
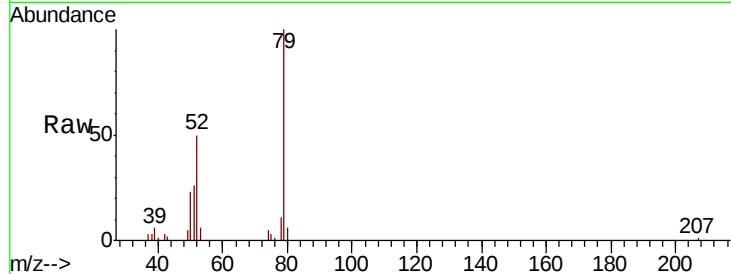
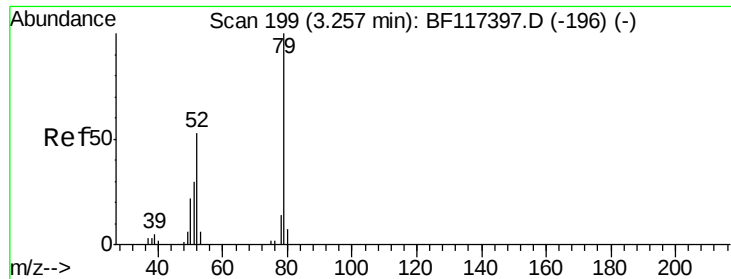


#2

1,4-Dioxane
Concen: 39.301 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.9	49.4	74.2
43	23.8	18.1	27.1





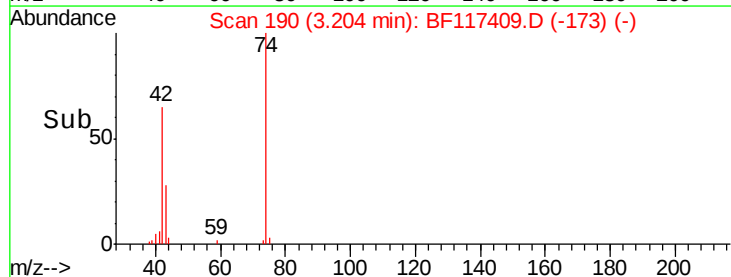
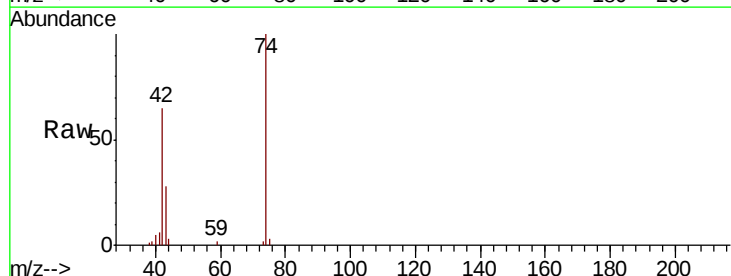
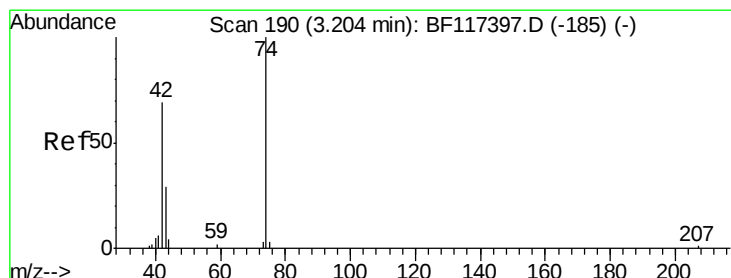
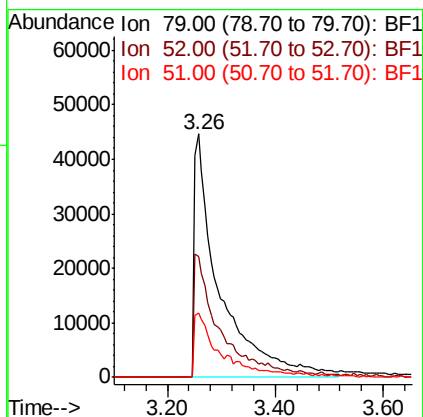
#3
Pvridine
Concen: 42.049 ng
RT: 3.26 min Scan# 199
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tot Ion	Ratio	Resp	Lower	Upper
79	100	145866		
52	49.6		42.7	64.1
51	26.4		23.8	35.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

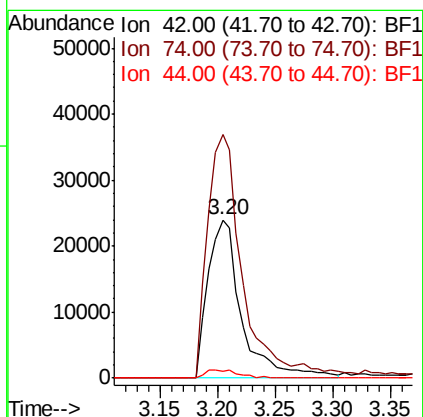
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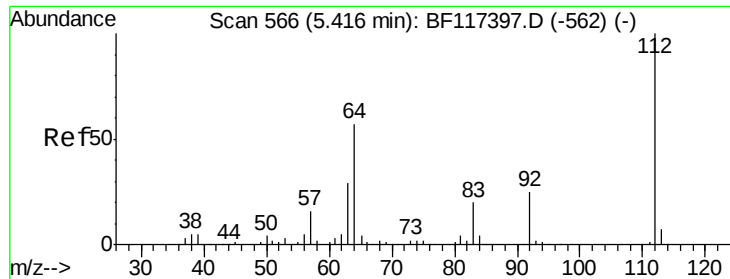
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#4
n-Nitrosodimethylamine
Concen: 39.889 ng
RT: 3.20 min Scan# 190
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	48761		
74	154.3		116.2	174.4
44	4.7		4.2	6.4





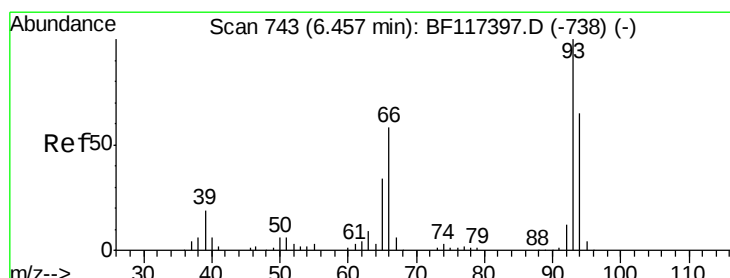
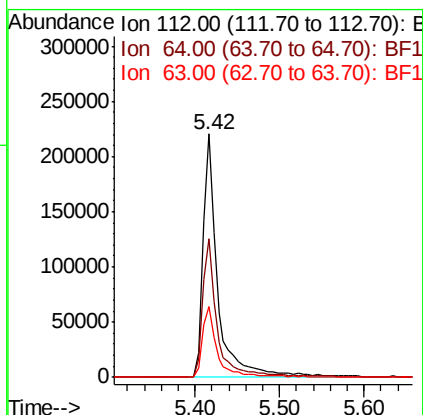
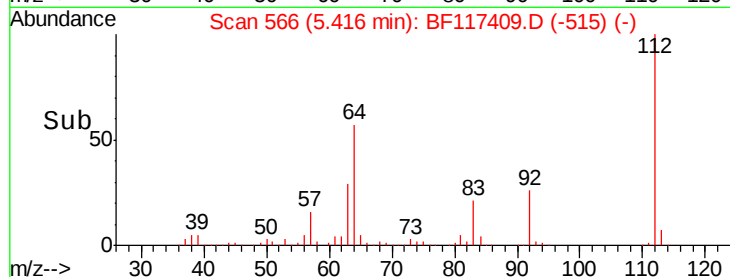
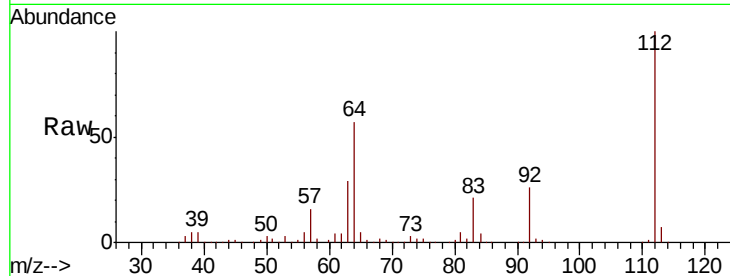
#5
2-Fluorophenol
Concen: 80.373 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		266125		
64	57.1	45.2	67.8		
63	29.1	23.4	35.2		

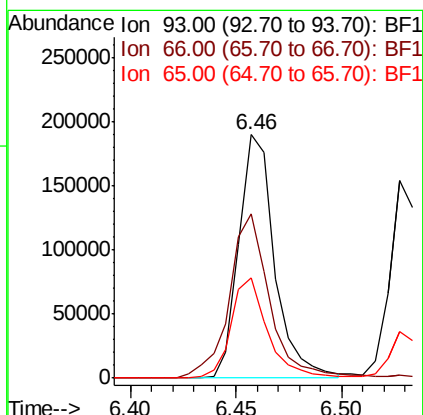
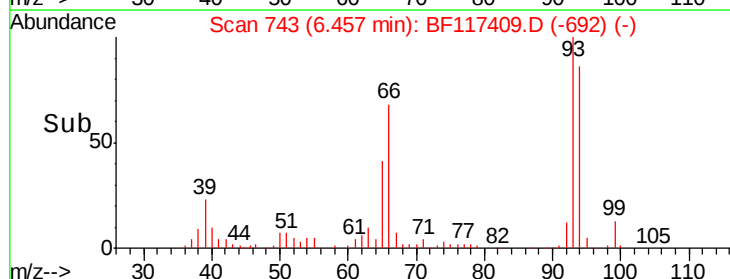
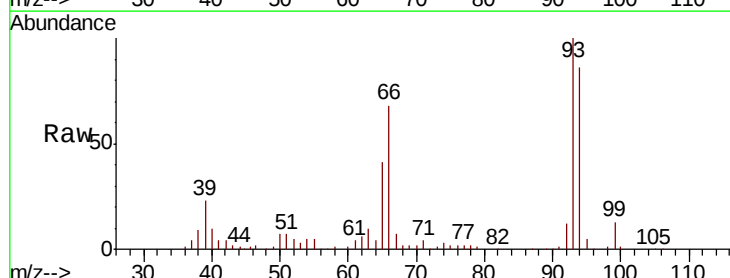
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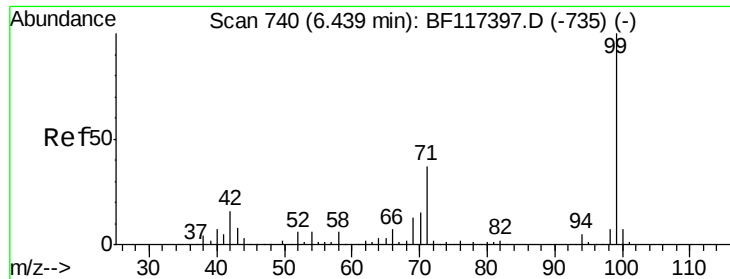
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#6
Aniline
Concen: 40.710 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		223421		
66	67.5	48.4	72.6		
65	41.0	27.8	41.6		





#7

Phenol-d6

Concen: 81.404 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:03

Instrument :

BNA_F

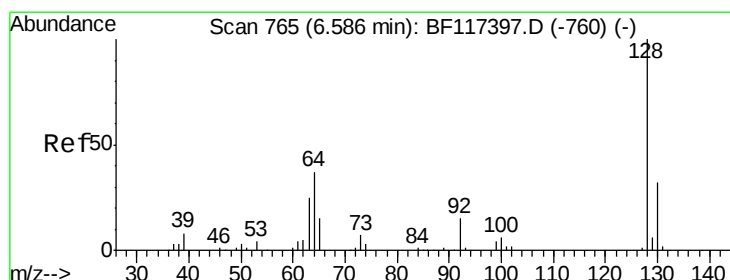
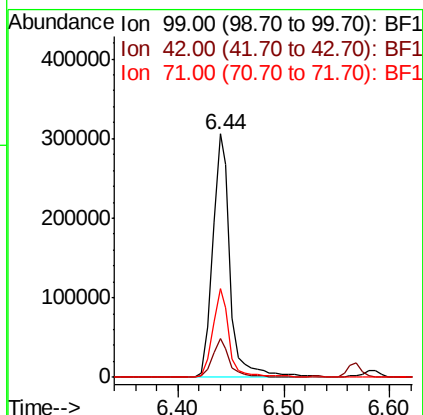
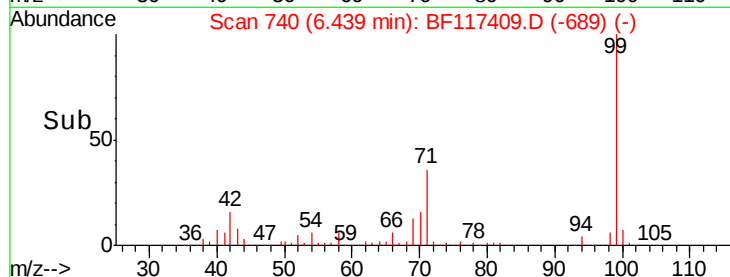
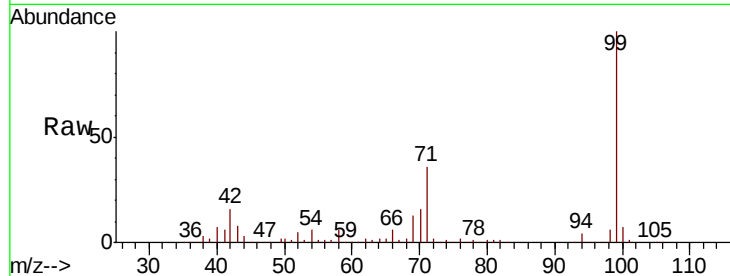
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	357627
Ion Ratio	Lower	Upper	
99	100		
42	16.0	12.5	18.7
71	36.2	29.2	43.8

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#8

2-Chlorophenol

Concen: 40.911 ng

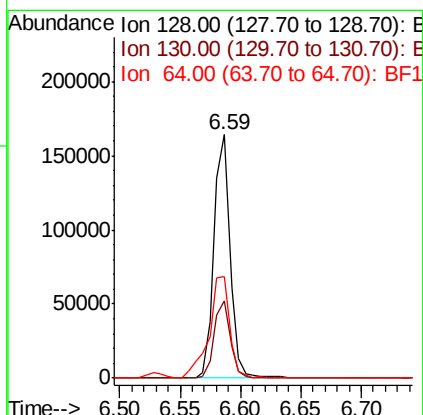
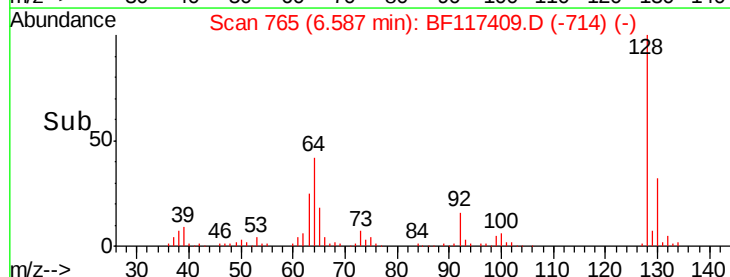
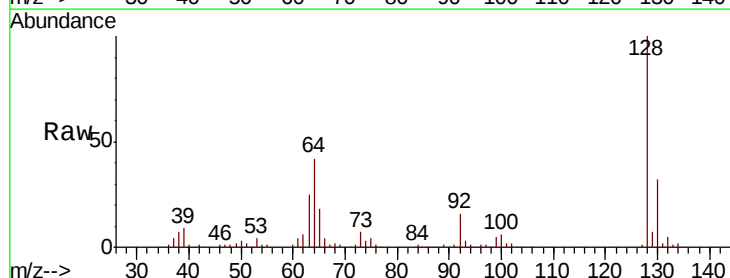
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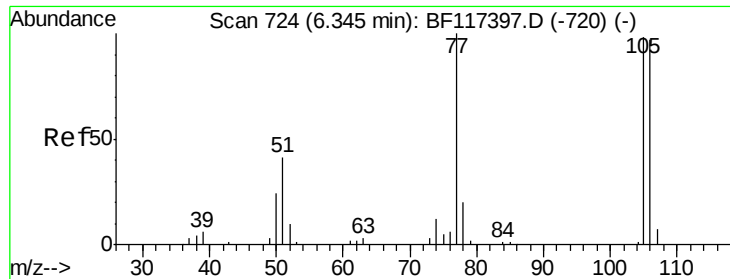
Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:03

Tgt Ion:	128	Resp:	150603
Ion Ratio	Lower	Upper	
128	100		
130	31.5	11.7	51.7
64	41.6	20.4	60.4





#9

Benzaldehyde

Concen: 46.189 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:03

Instrument :

BNA_F

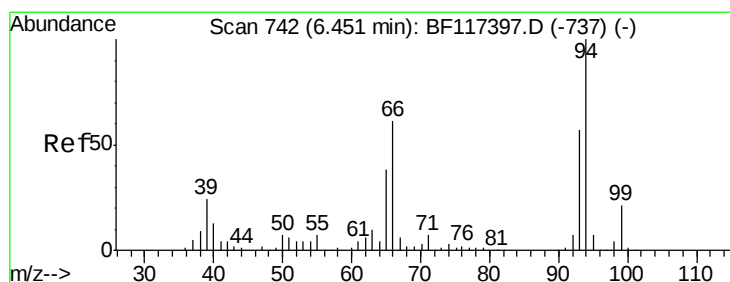
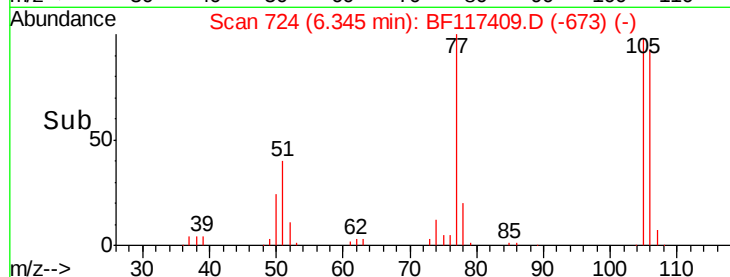
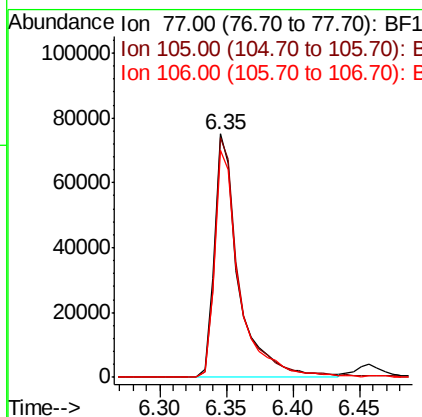
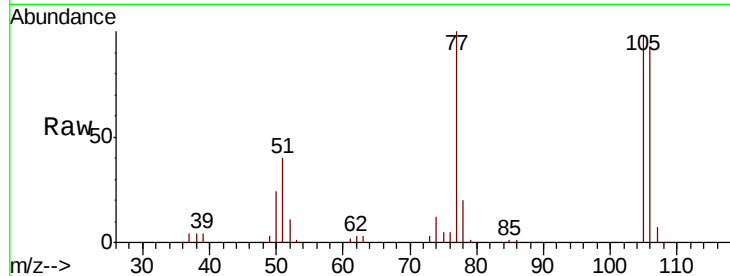
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	95962
Ion	Ratio	Lower	Upper
77	100		
105	98.2	77.9	117.9
106	93.4	77.2	117.2

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#10

Phenol

Concen: 40.653 ng

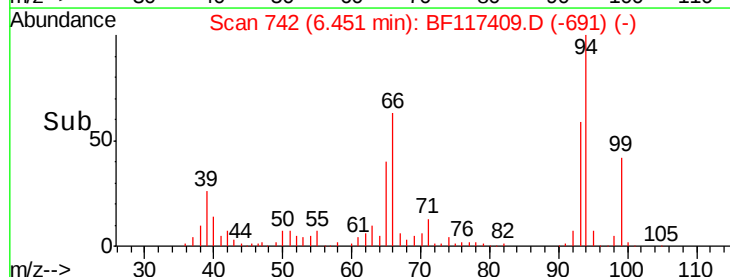
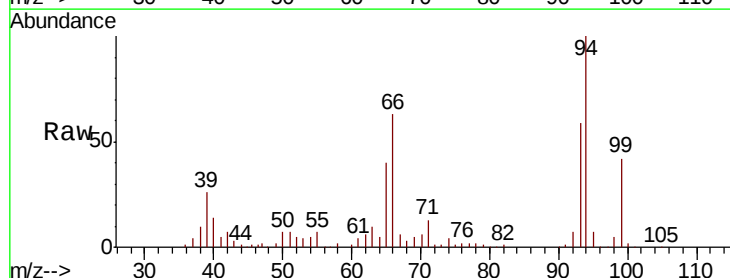
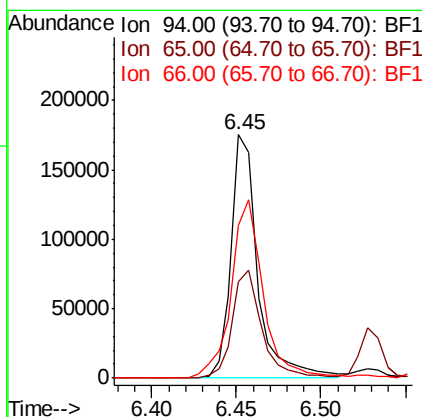
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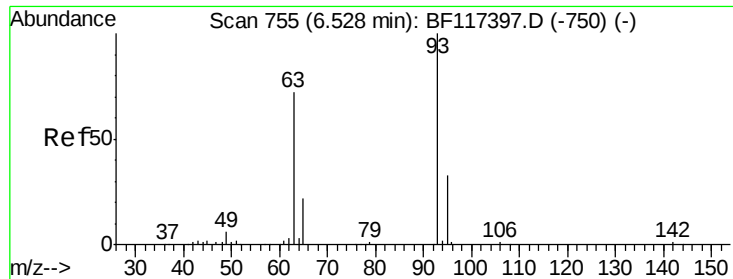
Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:03

Tgt Ion:	94	Resp:	192813
Ion	Ratio	Lower	Upper
94	100		
65	39.6	18.2	58.2
66	62.7	41.1	81.1





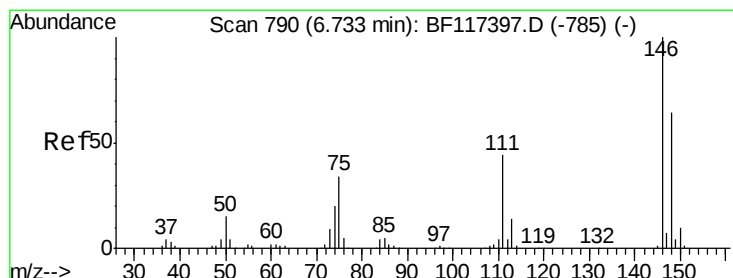
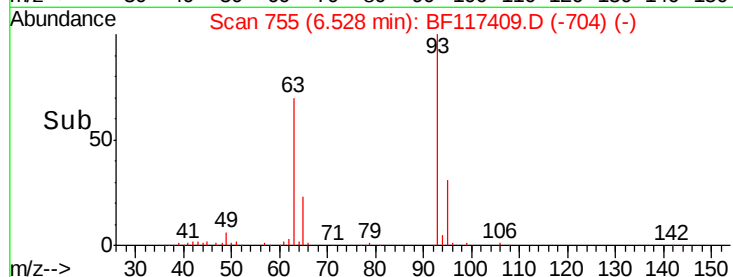
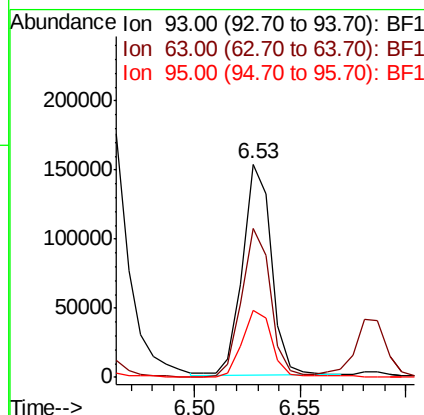
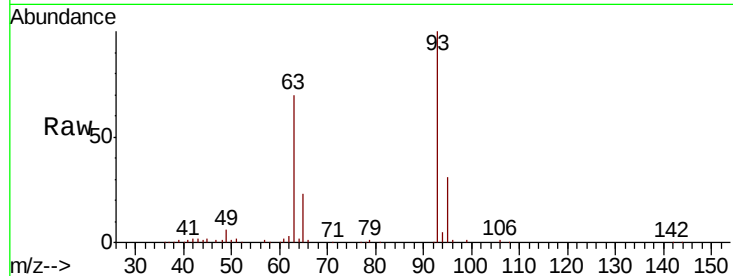
#11
bis(2-Chloroethyl)ether
Concen: 39.932 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	143993
Ion Ratio	Lower	Upper	
93	100		
63	69.6	50.9	90.9
95	31.2	12.4	52.4

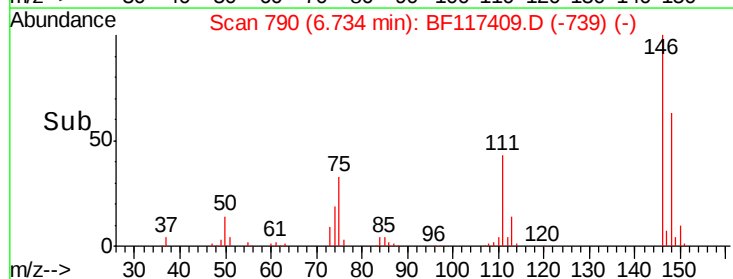
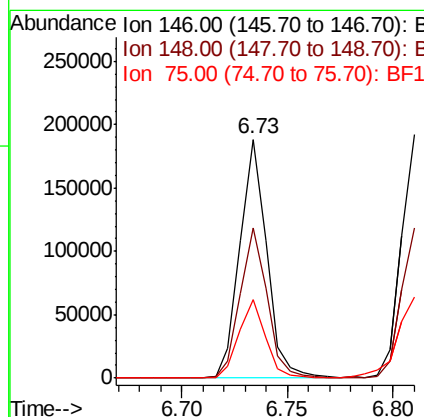
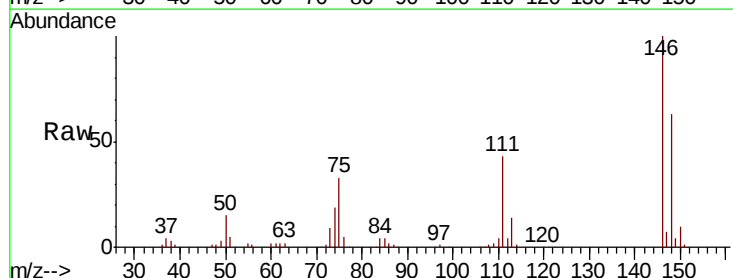
Manual Integrations
APPROVED

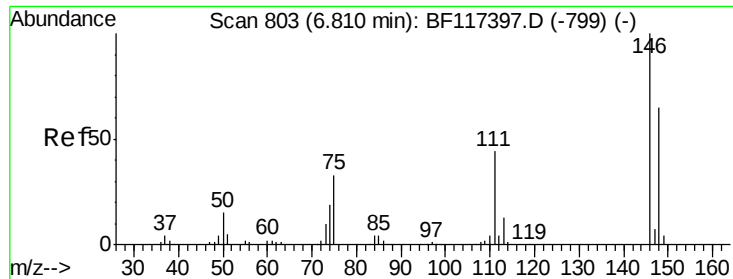
mohammad
10/18/2019 8:26:25 AM



#12
1,3-Dichlorobenzene
Concen: 40.456 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion:	146	Resp:	166547
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.0	76.6
75	33.1	27.4	41.2





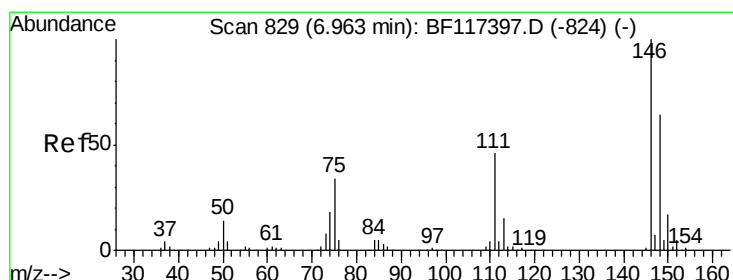
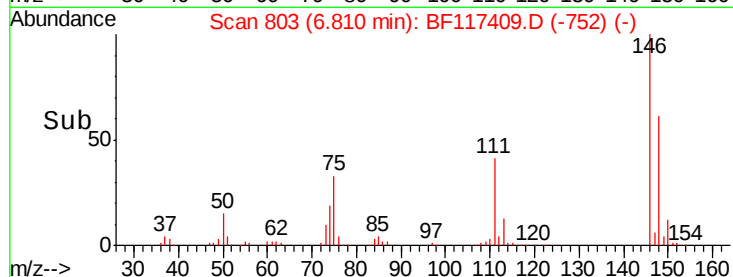
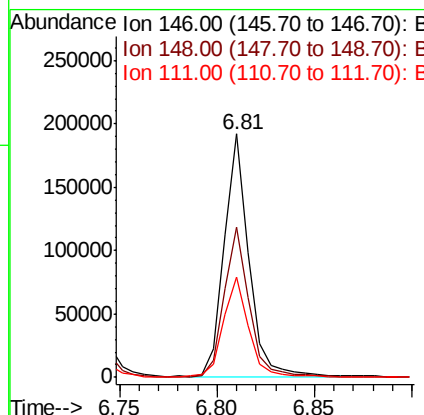
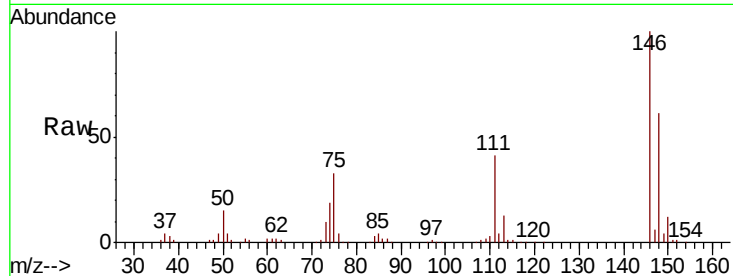
#13
1,4-Dichlorobenzene
Concen: 39.825 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.5	52.2	78.2
111	41.0	35.7	53.5

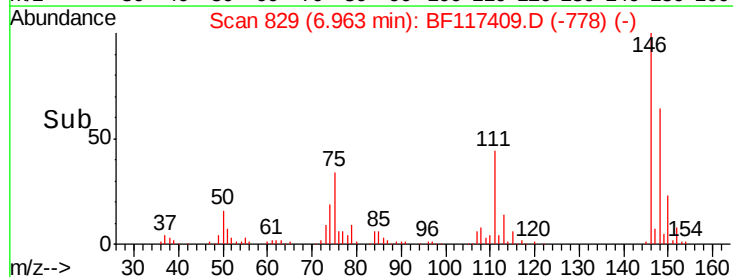
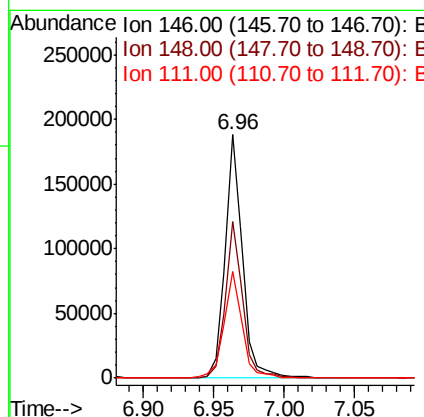
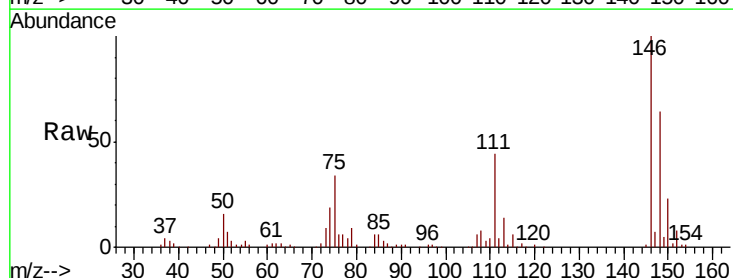
Manual Integrations
APPROVED

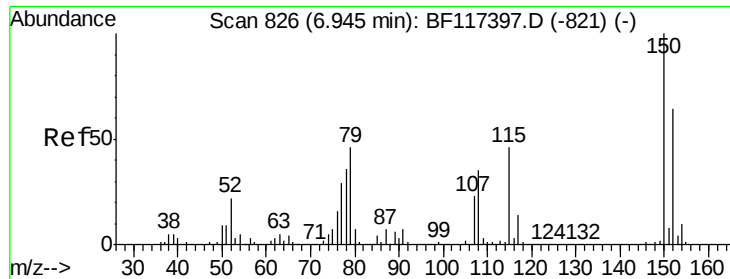
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.959 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.6
111	44.0	36.5	54.7





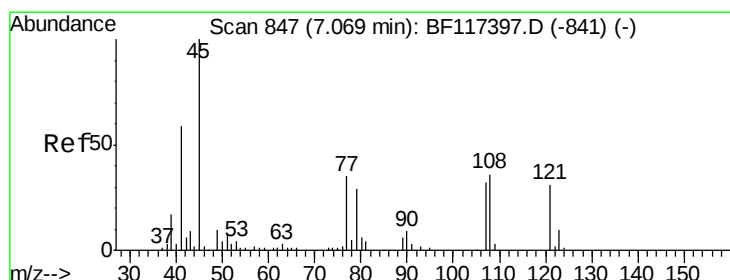
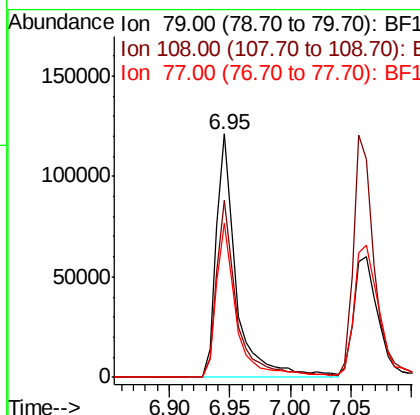
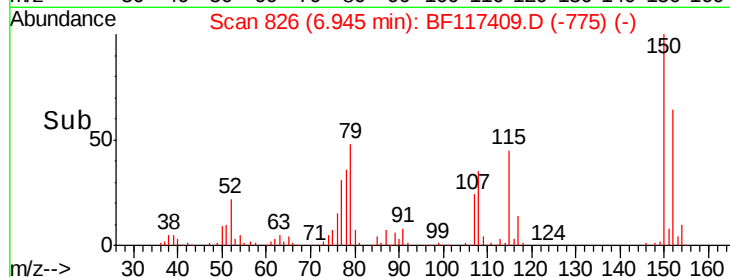
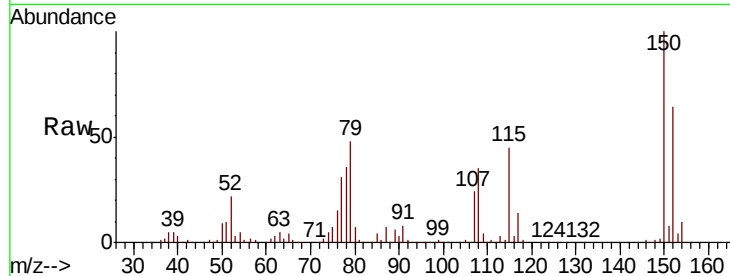
#15
Benzyl Alcohol
Concen: 41.007 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.8	60.4	90.6
77	63.2	50.6	76.0

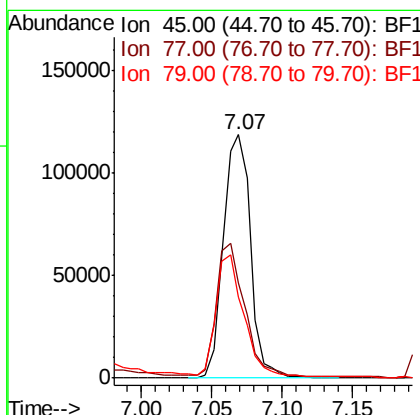
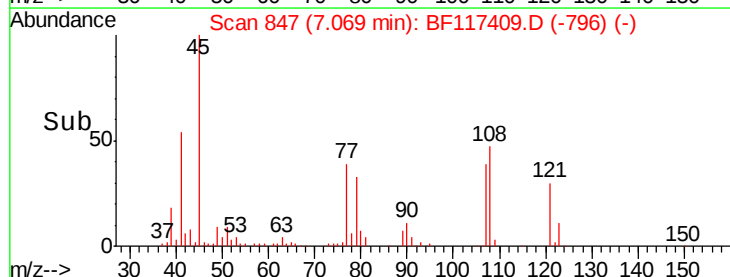
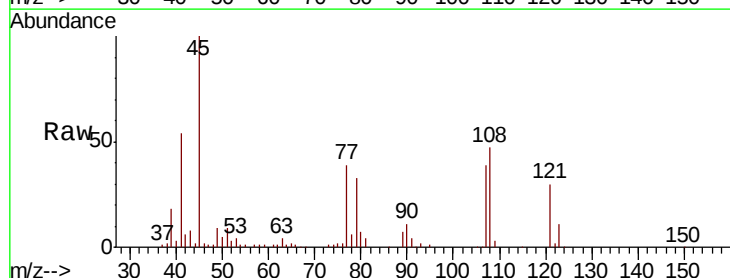
Manual Integrations
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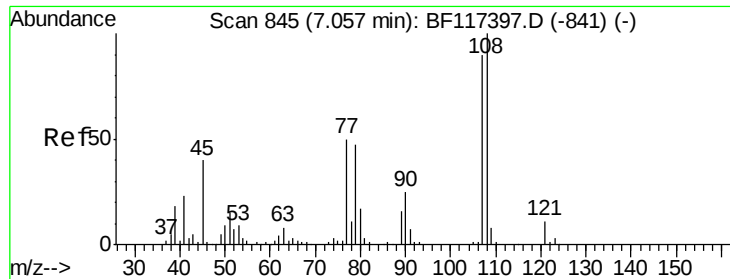
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.853 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	39.1	15.9	55.9
79	33.5	10.7	50.7





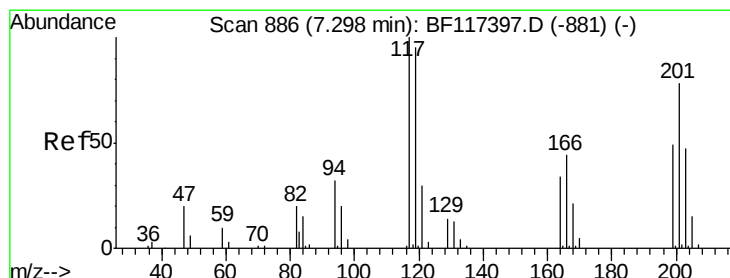
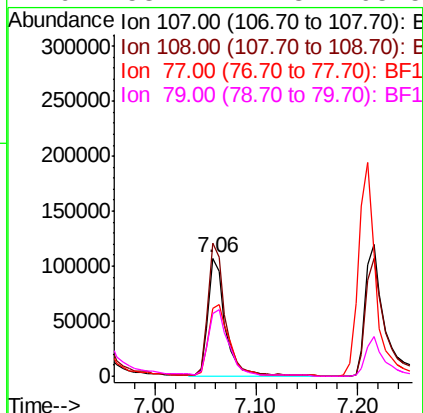
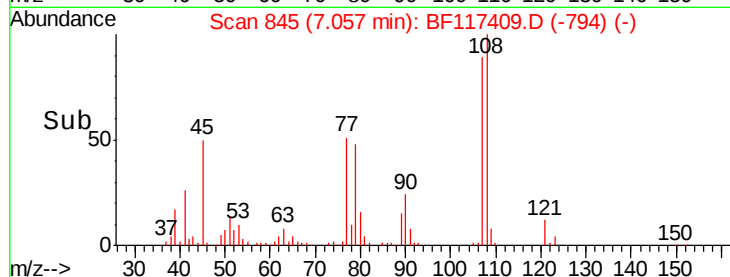
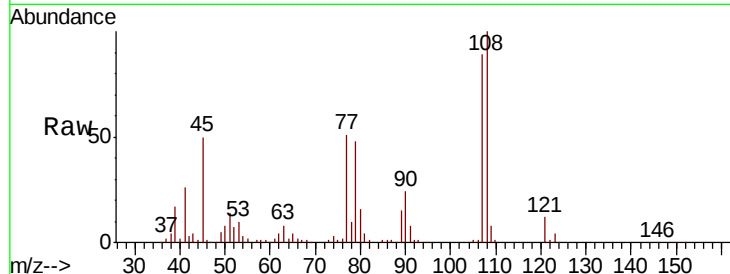
#17
2-Methylphenol
Concen: 40.753 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	125242
Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.4	134.2
77	57.8	45.1	67.7
79	53.4	42.3	63.5

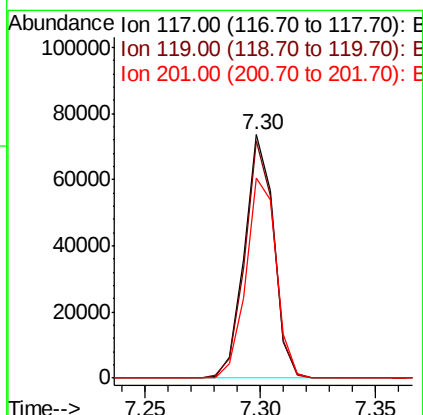
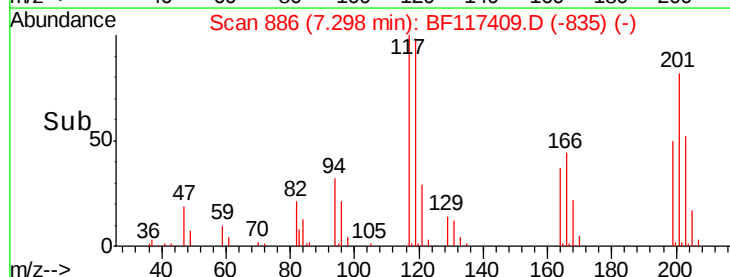
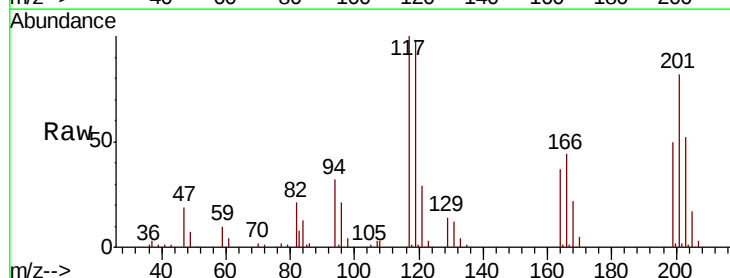
Manual Integrations
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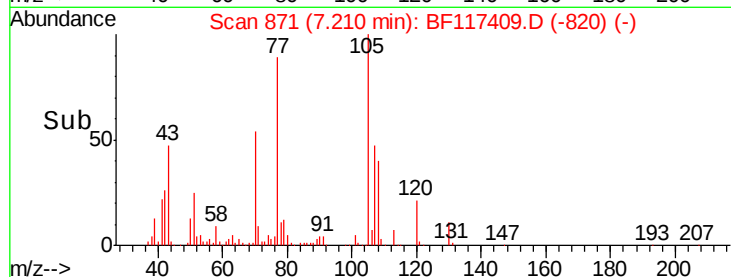
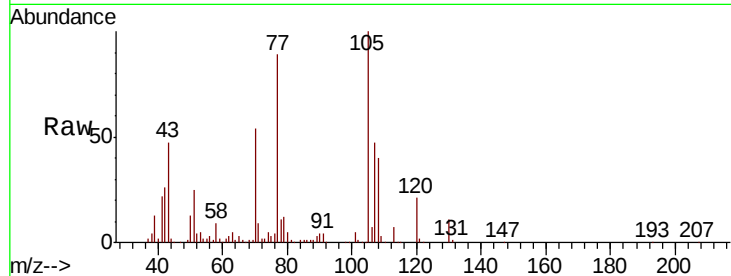
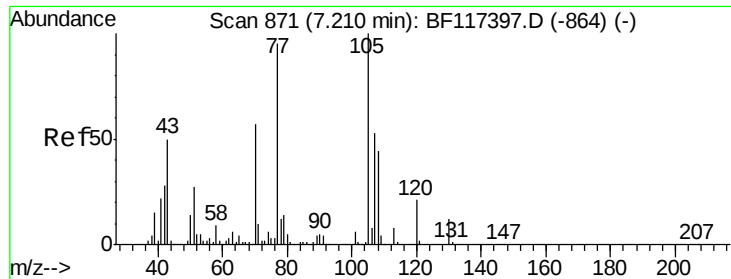
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#18
Hexachloroethane
Concen: 40.146 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion:	117	Resp:	65502
Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.7	113.5
201	82.1	62.2	93.4





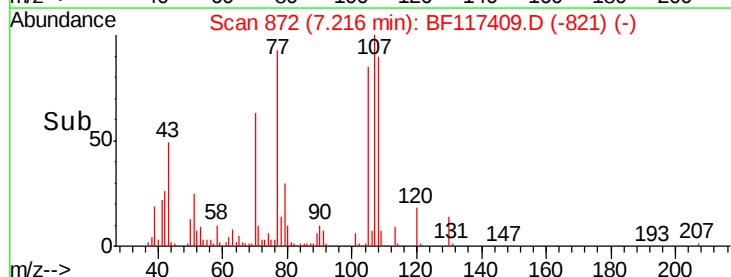
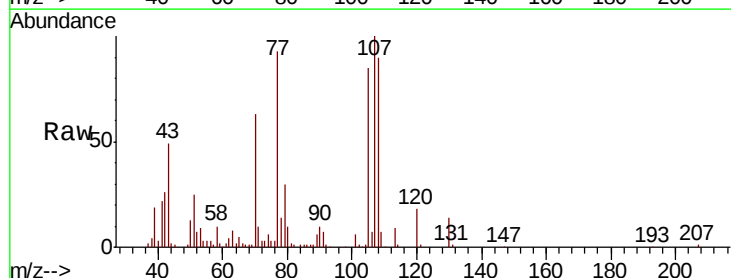
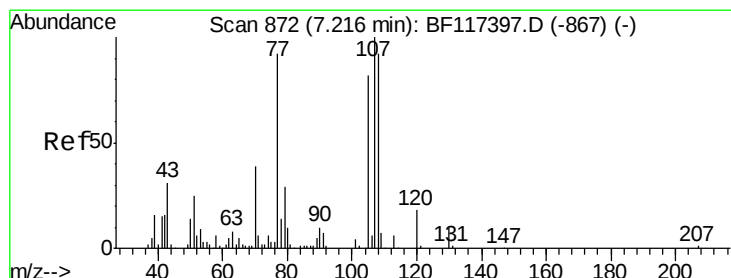
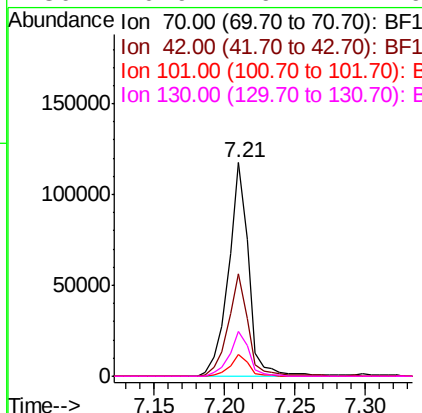
#19
n-Nitroso-di-n-propylamine
Concen: 41.797 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.1	39.8	59.8	
101	10.1	8.1	12.1	
130	20.9	16.4	24.6	

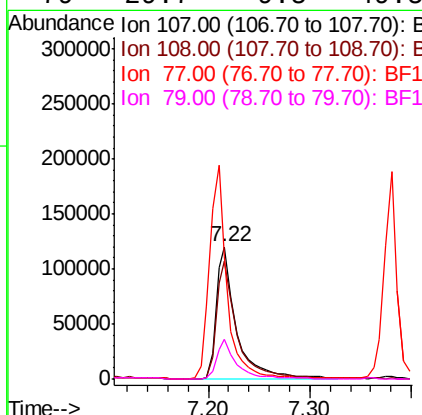
Manual Integrations
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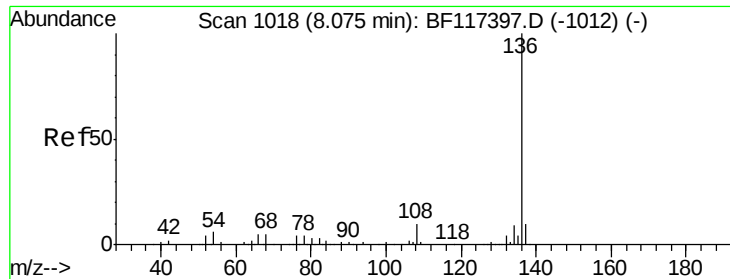
mohammad
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#20
3+4-Methylphenols
Concen: 41.115 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.5	71.8	111.8	
77	93.2	72.7	112.7	
79	29.7	9.5	49.5	





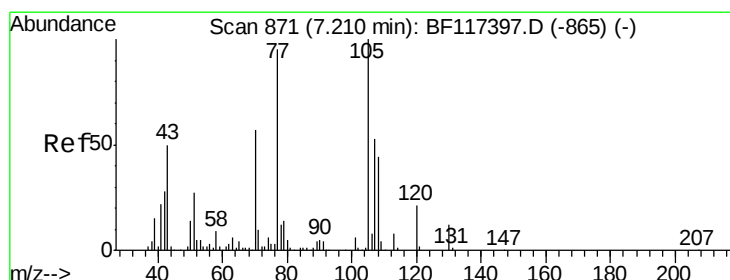
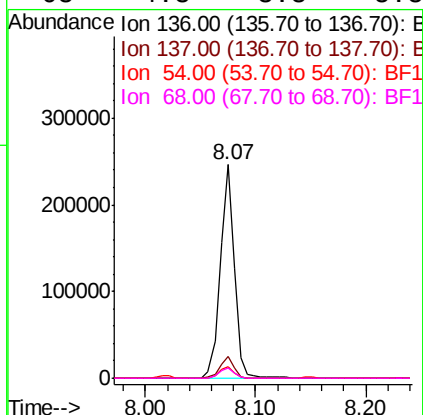
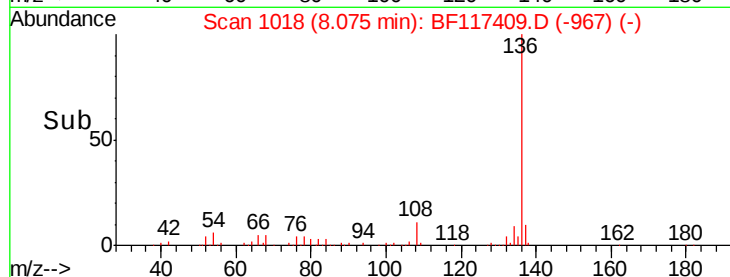
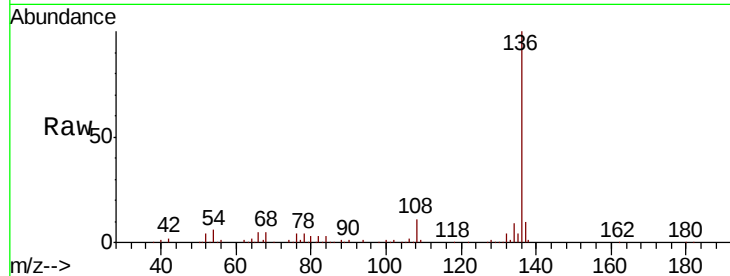
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	219225		
137	10.1		8.4	12.6
54	5.7		4.6	6.8
68	4.8		3.8	5.8

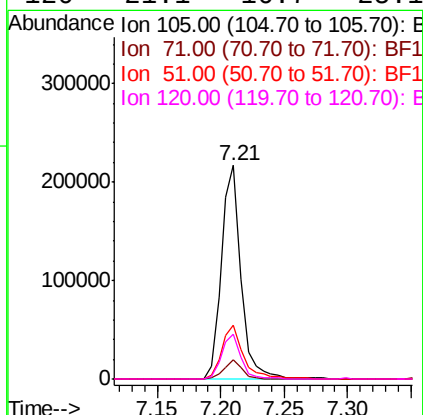
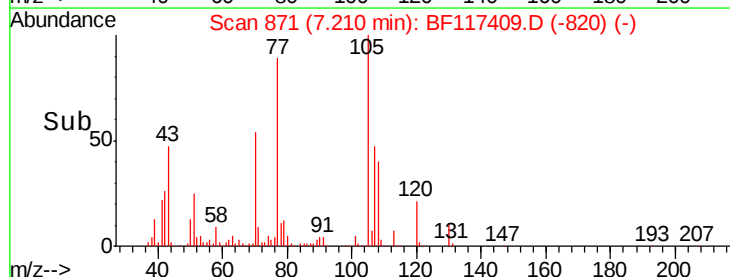
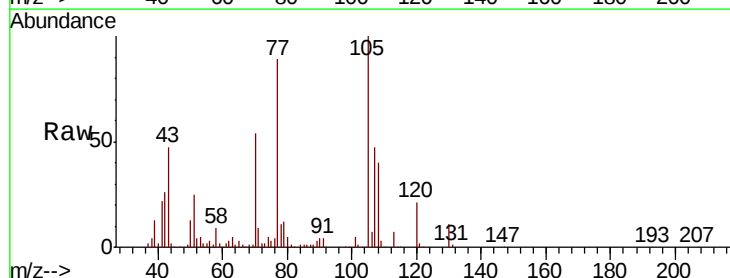
Manual Integrations
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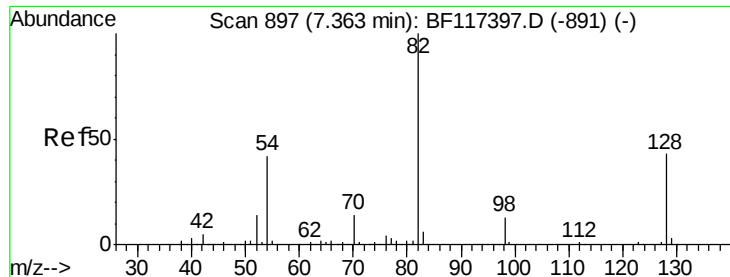
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#22
Acetophenone
Concen: 40.928 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	235444		
71	9.2		7.8	11.6
51	25.4		21.5	32.3
120	21.1		16.7	25.1





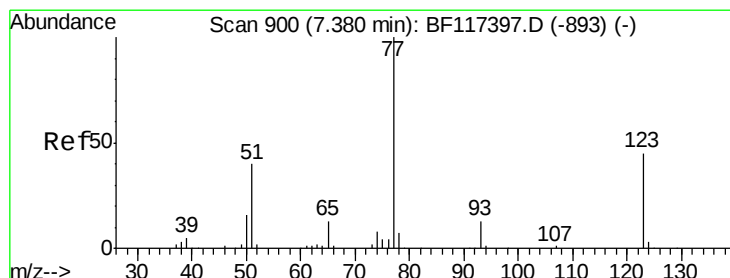
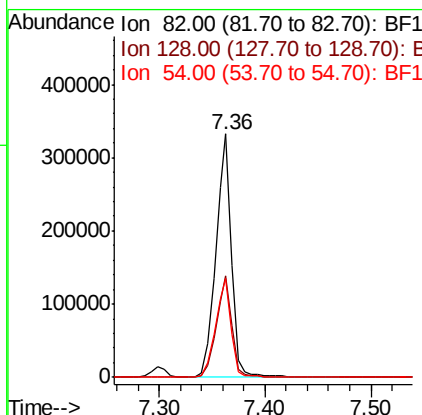
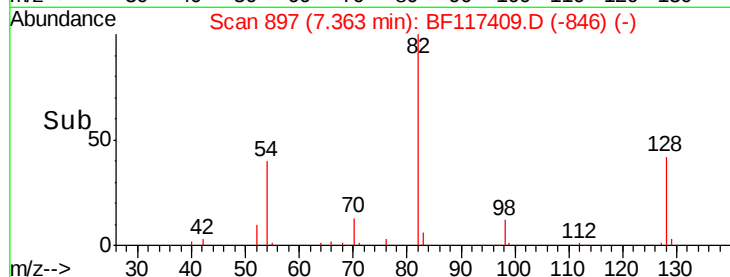
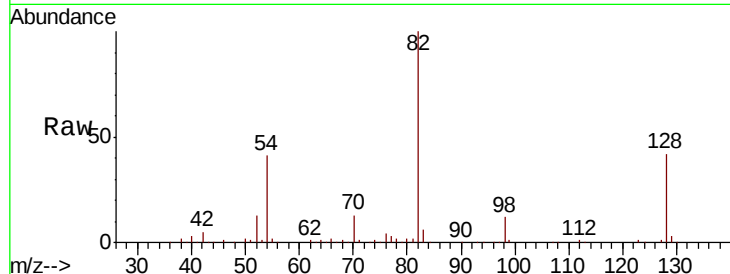
#23
Nitrobenzene-d5
Concen: 80.559 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.7	34.1	51.1	
54	40.9	33.3	49.9	

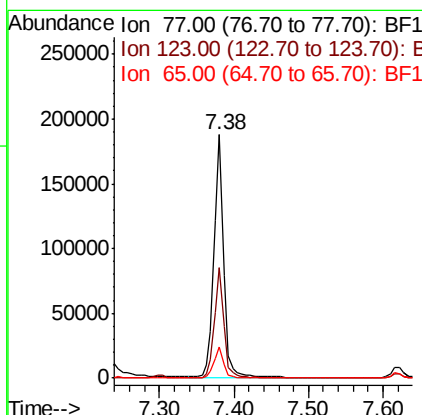
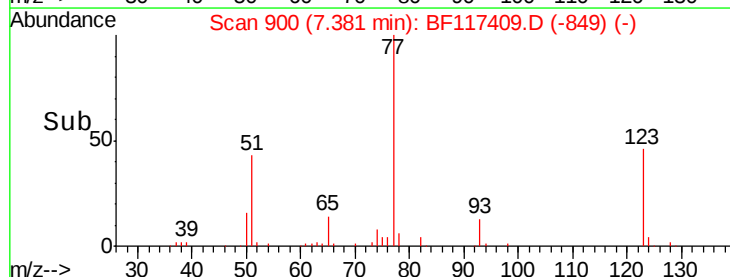
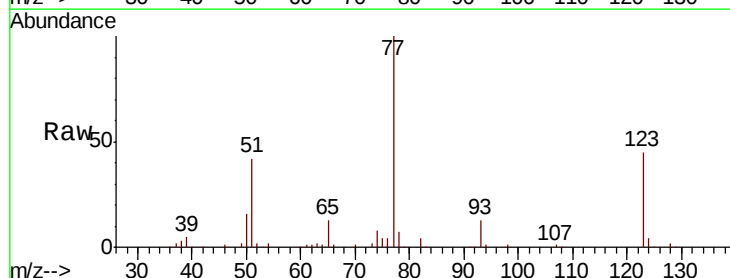
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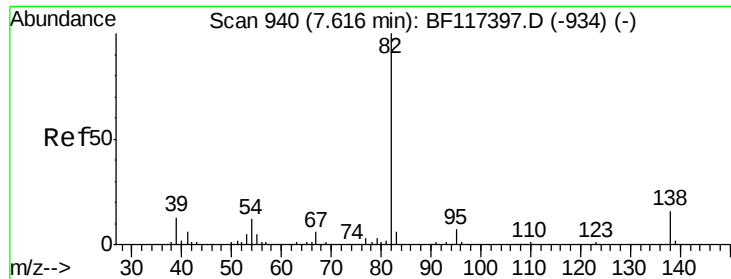
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#24
Nitrobenzene
Concen: 40.026 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.4	35.8	53.8	
65	13.0	10.1	15.1	





#25

Isophorone

Concen: 40.764 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:03

Instrument :

BNA_F

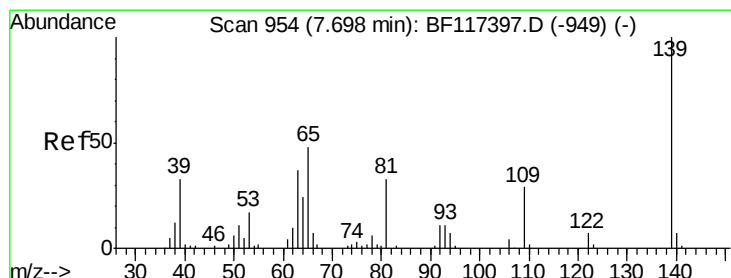
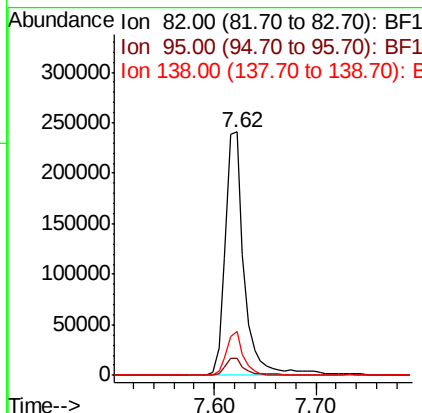
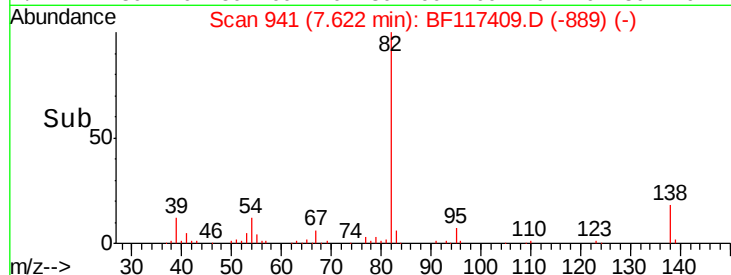
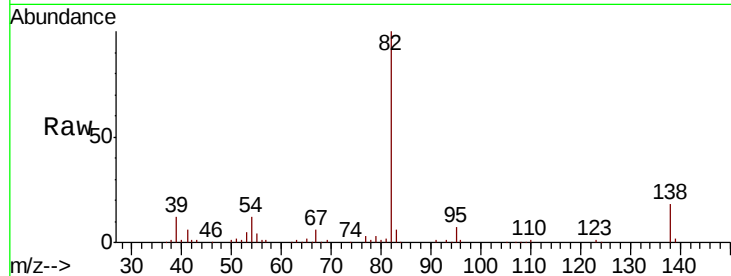
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	314046
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.0
138	17.8	13.0	19.4

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#26

2-Nitrophenol

Concen: 41.467 ng

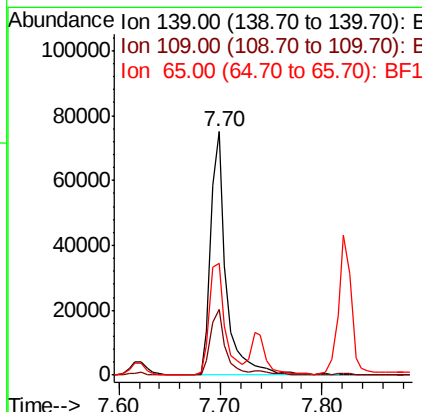
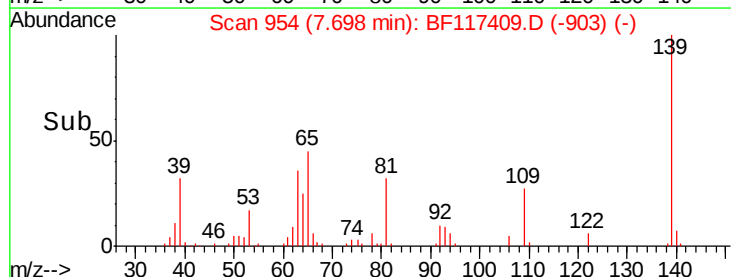
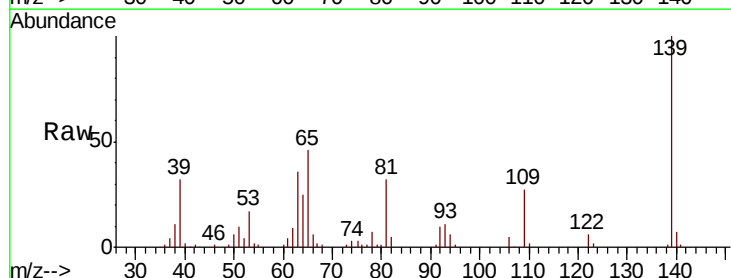
RT: 7.70 min Scan# 954

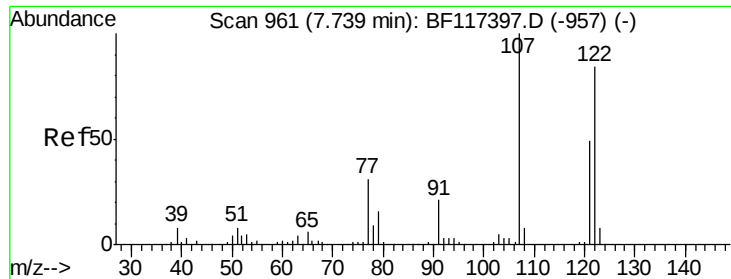
Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:03

Tgt Ion:	139	Resp:	79704
Ion Ratio	Lower	Upper	
139	100		
109	26.9	23.1	34.7
65	46.0	38.2	57.4





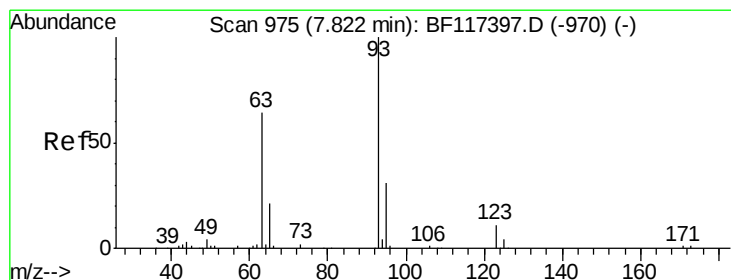
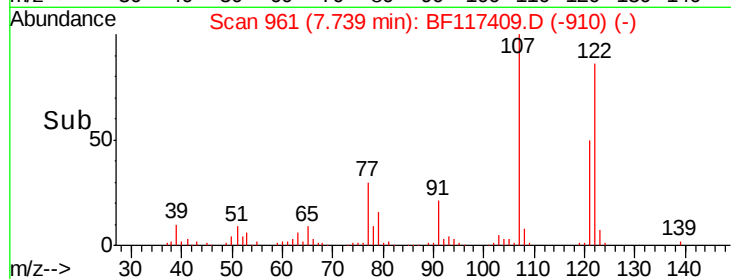
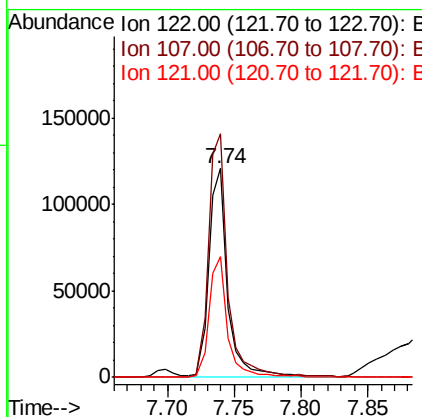
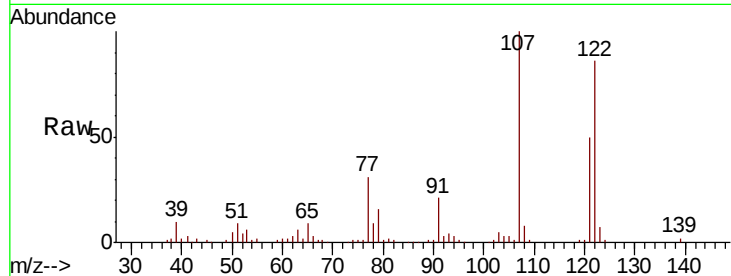
#27
2,4-Dimethylphenol
Concen: 40.400 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	118018		
107	116.8	95.0	142.6	
121	57.8	46.6	69.8	

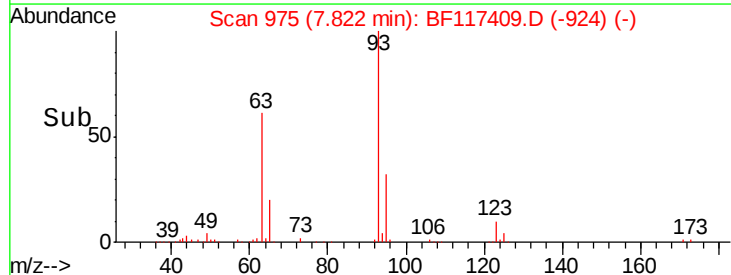
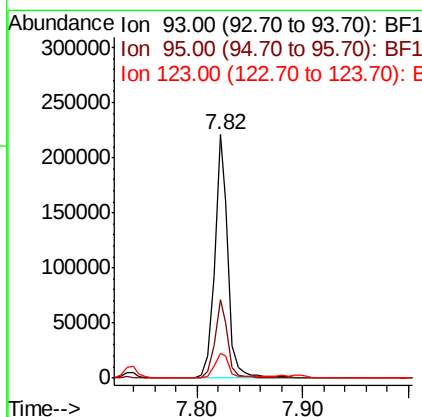
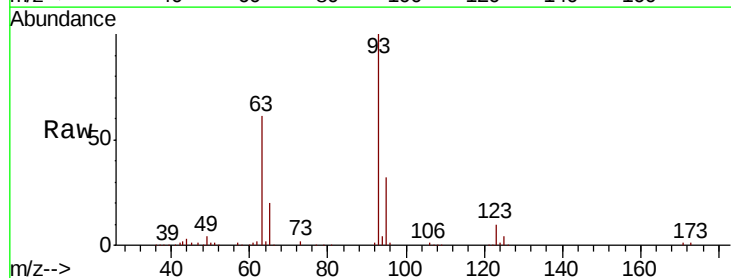
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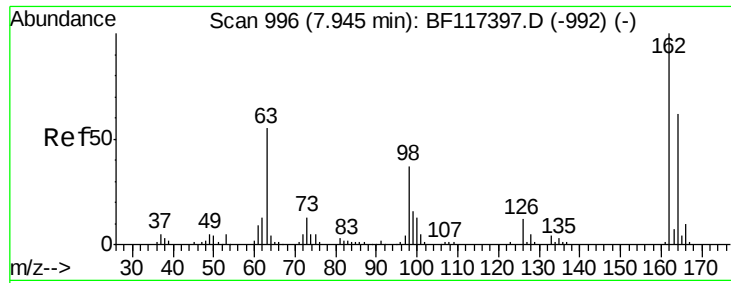
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.258 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	197044		
95	32.2	25.1	37.7	
123	10.3	8.6	12.8	





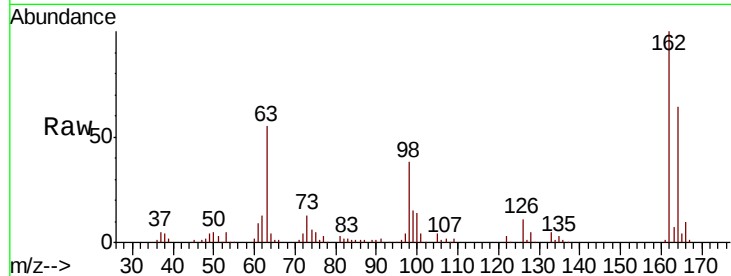
#29
2,4-Dichlorophenol
Concen: 40.879 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

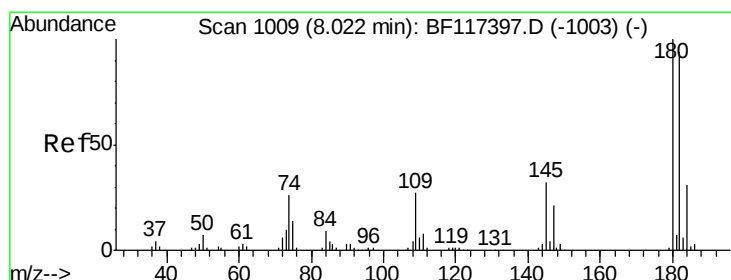
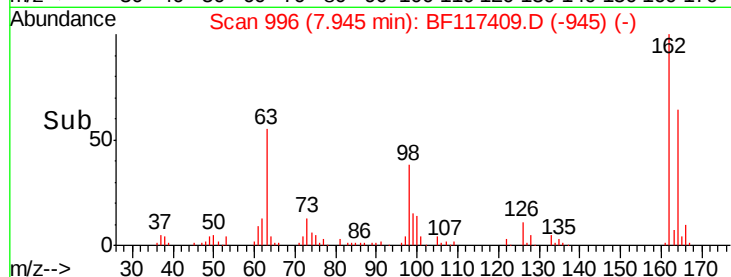
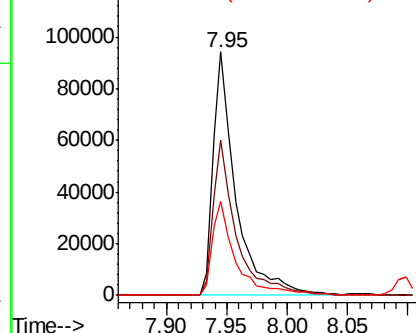
Tot Ion:	162	Resp:	123219
Ion Ratio	Lower	Upper	
162	100		
164	63.7	42.2	82.2
98	38.4	17.4	57.4

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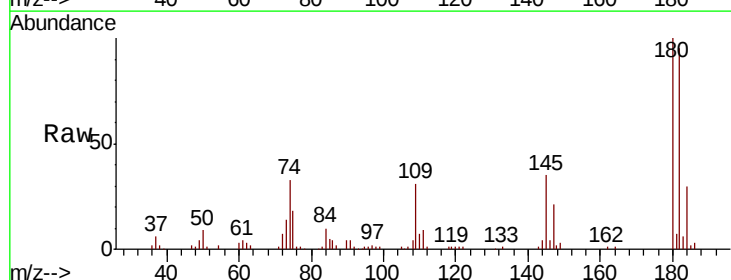


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

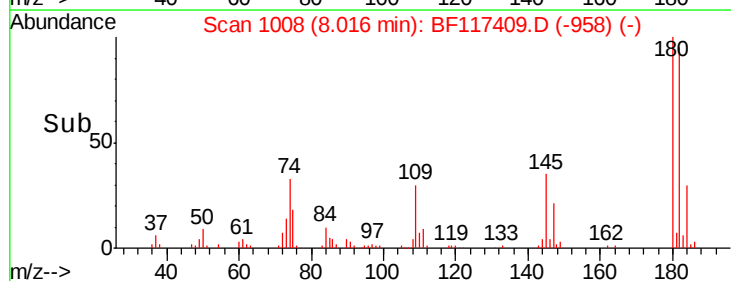
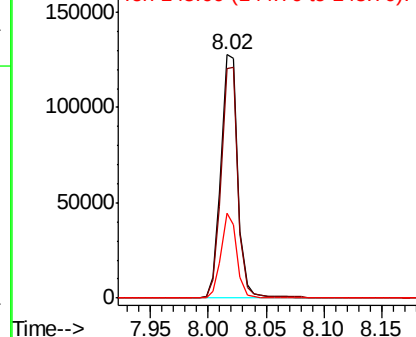


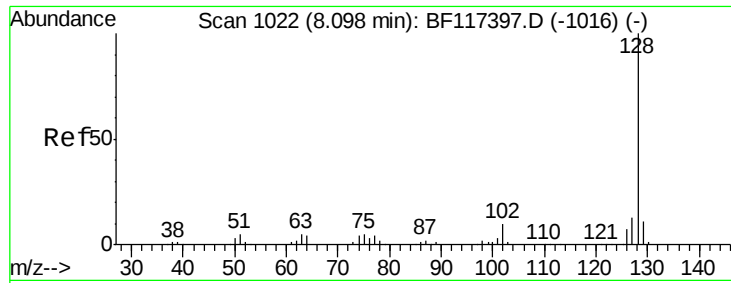
#30
1,2,4-Trichlorobenzene
Concen: 40.395 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion:	180	Resp:	131261
Ion Ratio	Lower	Upper	
180	100		
182	94.5	75.4	113.2
145	34.7	25.5	38.3



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





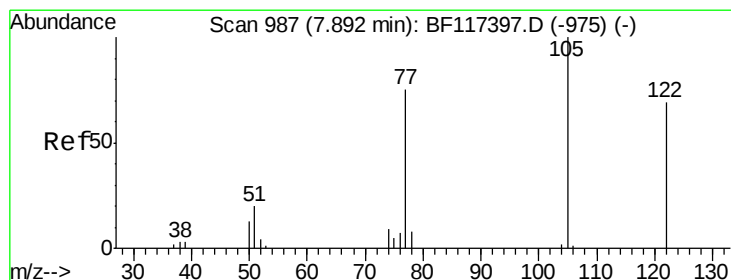
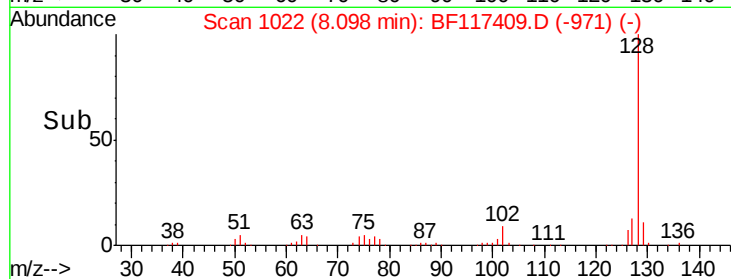
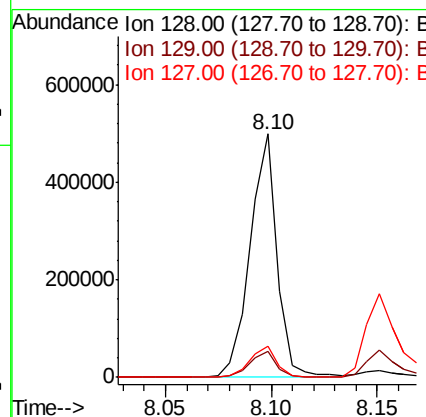
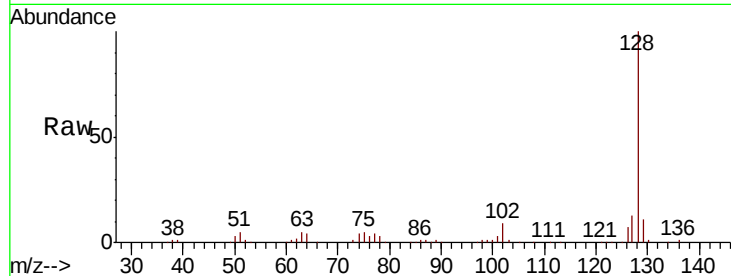
#31
Naphthalene
Concen: 40.397 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.0	10.4	15.6

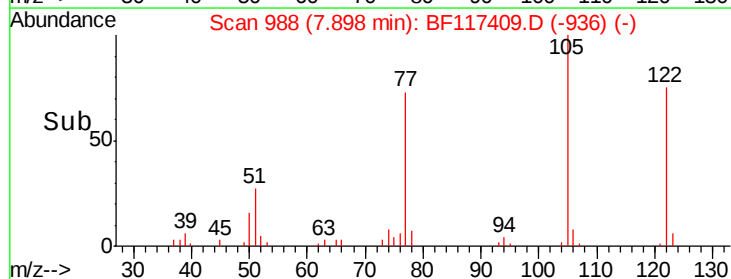
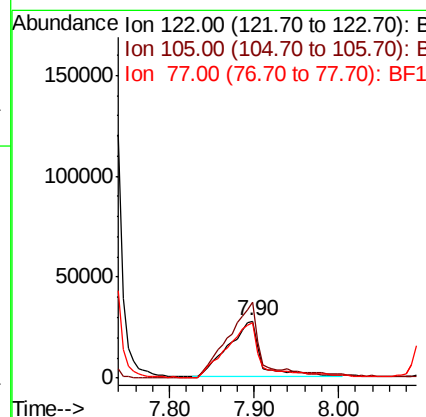
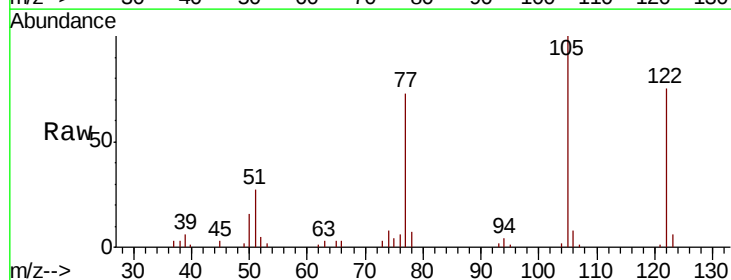
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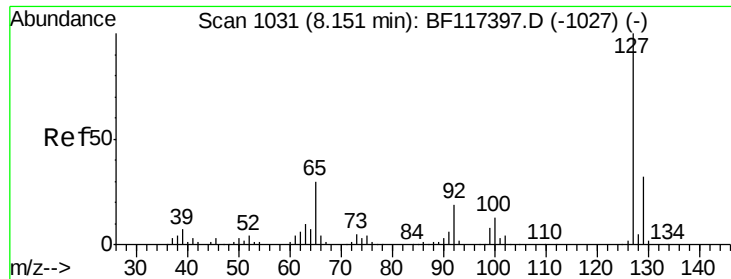
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#32
Benzoic acid
Concen: 40.097 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.8	121.5	161.5
77	97.8	88.3	128.3





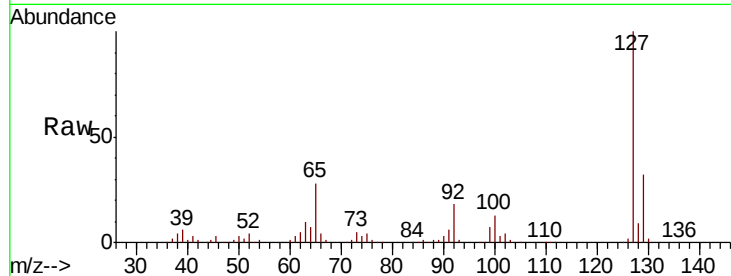
#33
4-Chloroaniline
Concen: 41.208 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.4	38.0
65	28.2	23.8	35.8
92	18.4	15.3	22.9

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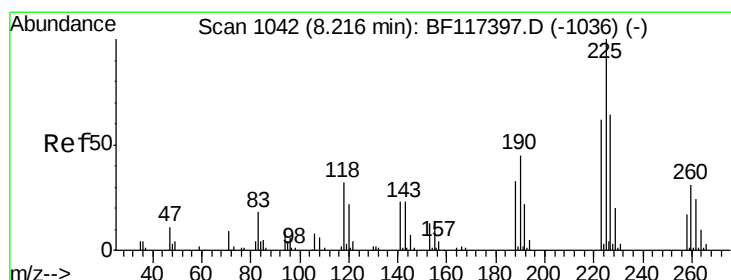
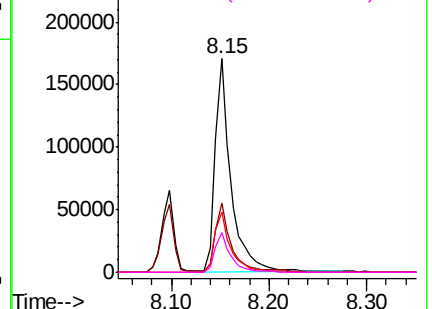
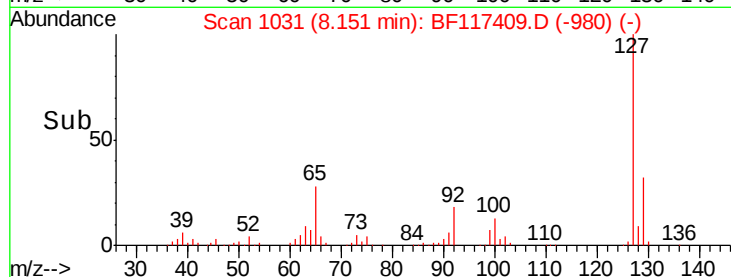
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

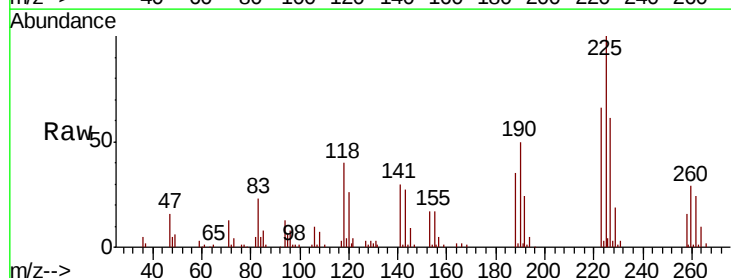
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.555 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	49.7	74.5
227	61.3	50.9	76.3

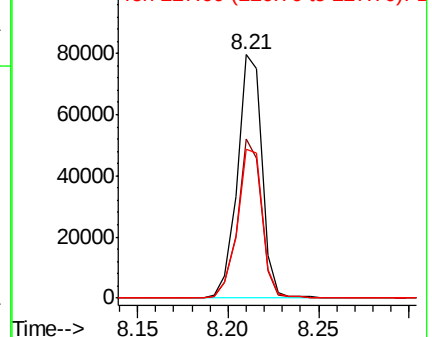
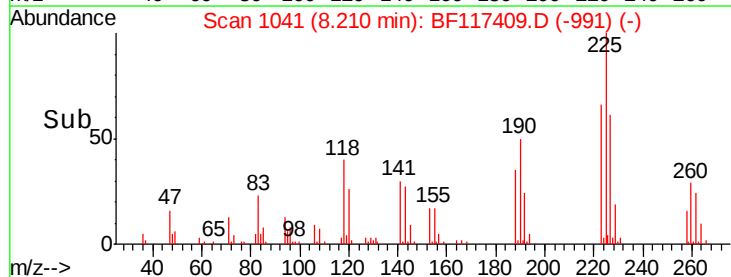


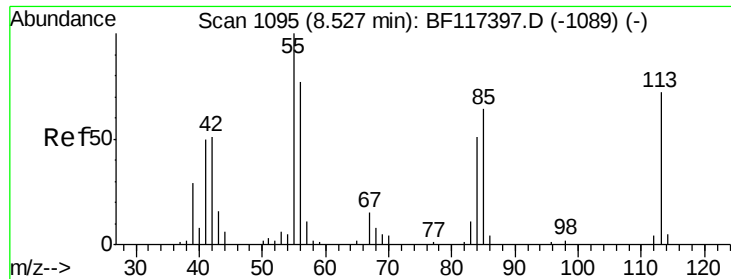
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





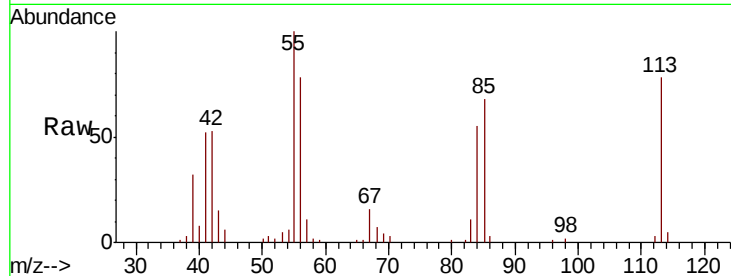
#35
 Caprolactam
 Concen: 41.596 ng/ml
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	128.6	118.5	158.5
56	100.7	86.7	126.7

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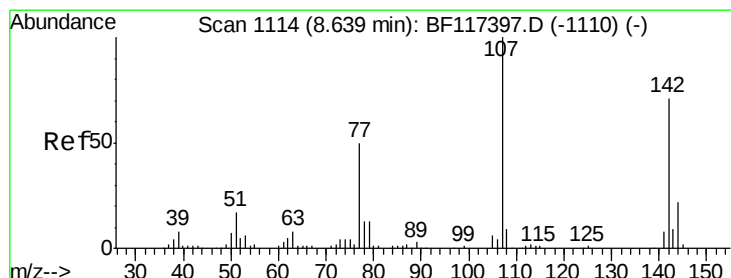
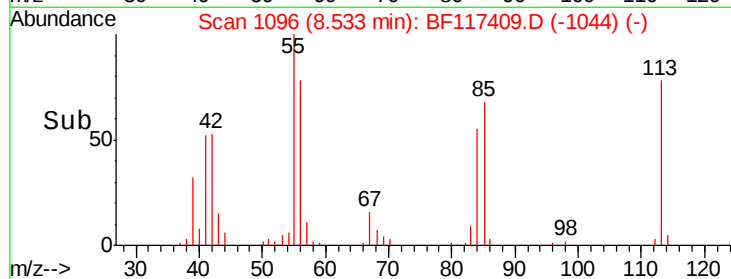
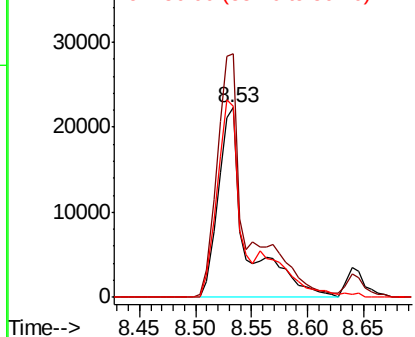


Abundance

Ion 113.00 (112.70 to 113.70): E

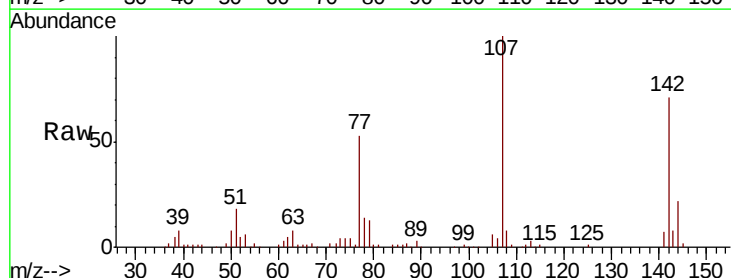
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 40.724 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.0	17.9	26.9
142	71.1	56.9	85.3

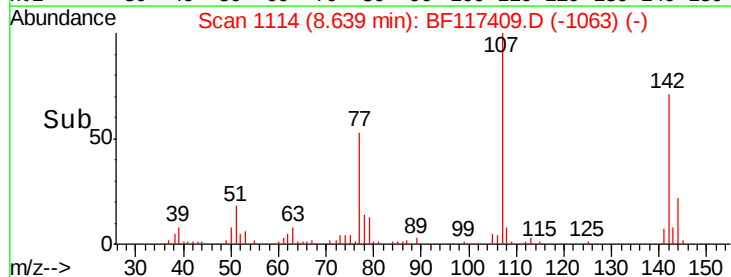
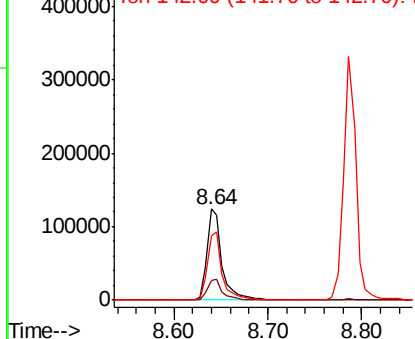


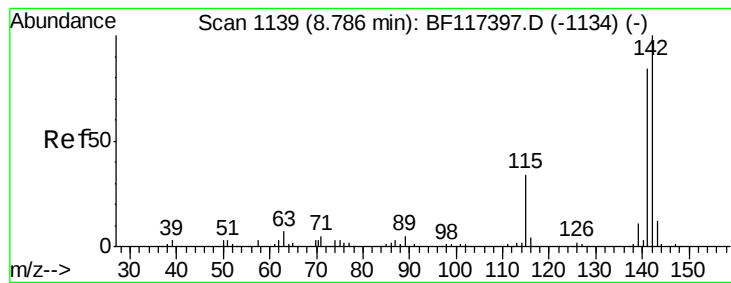
Abundance

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





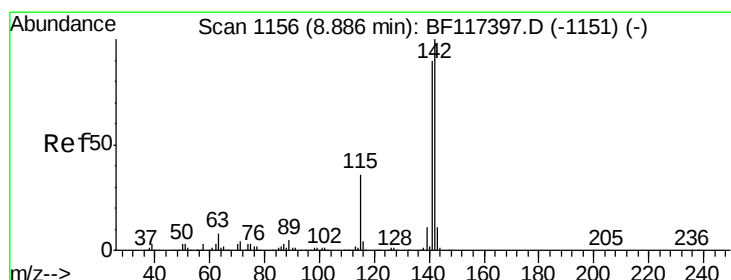
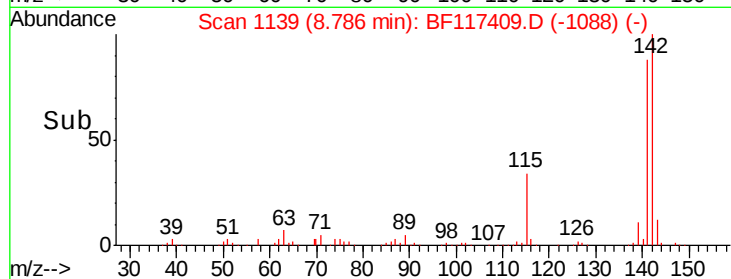
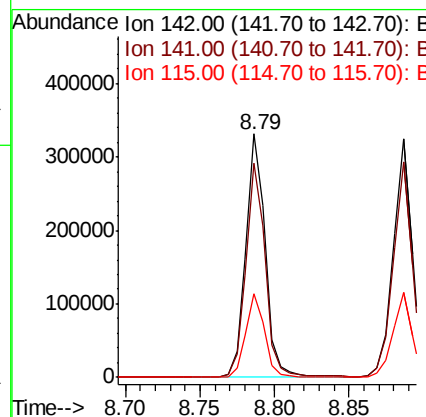
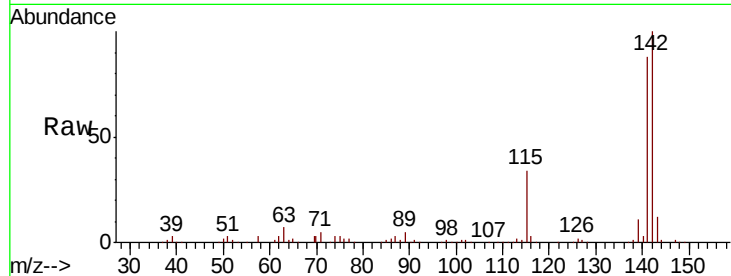
#37
2-Methylnaphthalene
Concen: 40.474 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	299219		
141	87.8	67.2	100.8	
115	34.1	26.9	40.3	

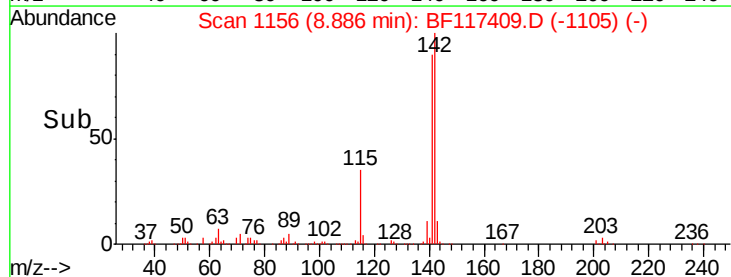
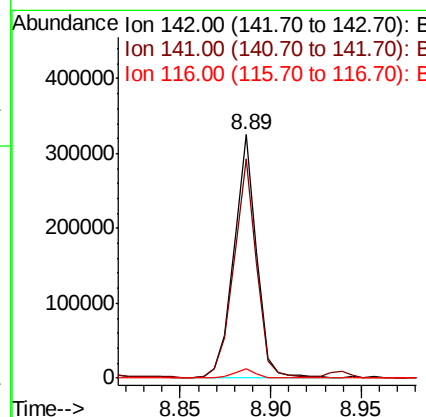
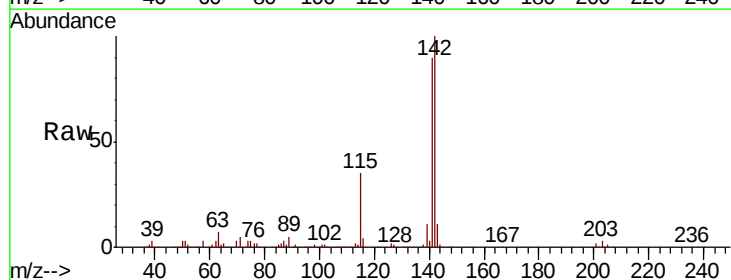
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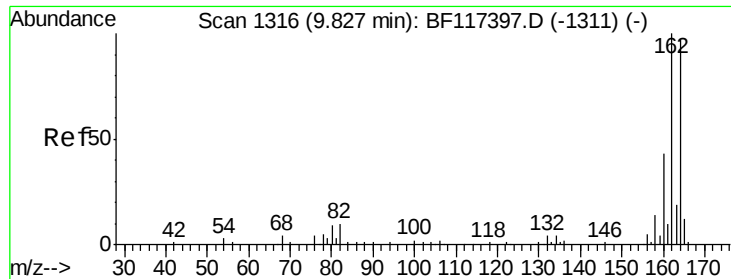
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#38
1-Methylnaphthalene
Concen: 40.257 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	280412		
141	90.3	71.8	107.8	
116	3.8	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: BF117409.D

Acq: 16 Oct 2019 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:164 Resp: 112745

Ion Ratio Lower Upper

164 100

162 102.1 82.4 123.6

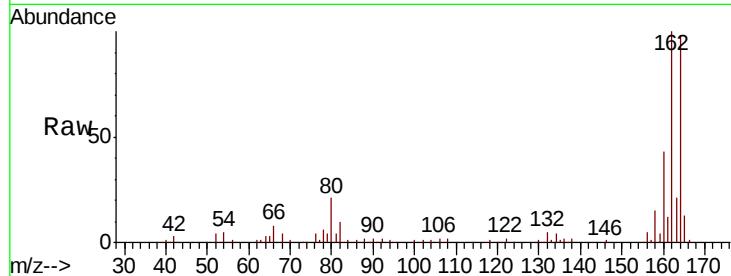
160 43.9 35.4 53.0

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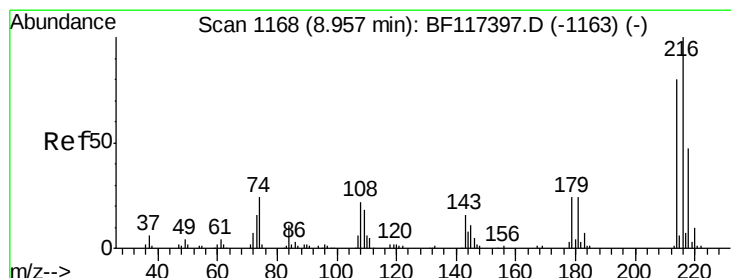
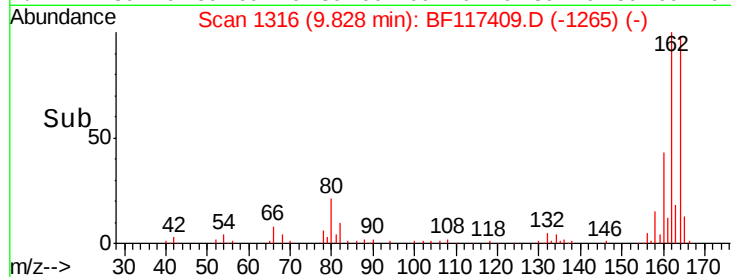
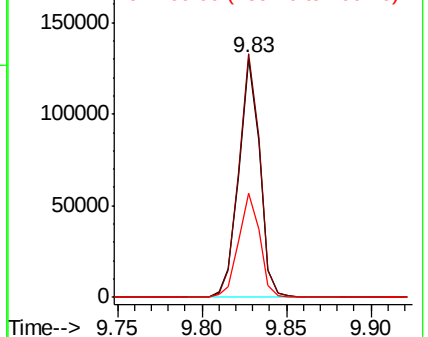


Abundance

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: 40.501 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:03

Tgt Ion:216 Resp: 122895

Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.6

179 23.1 18.6 28.0

108 21.5 17.0 25.4

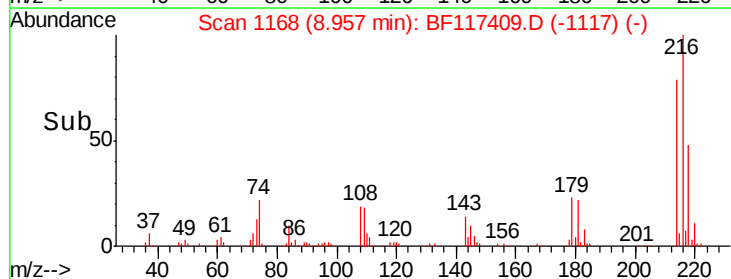
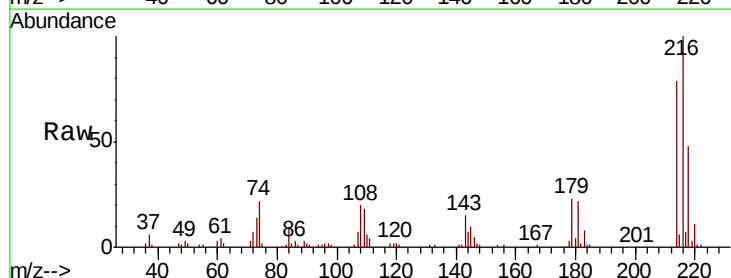
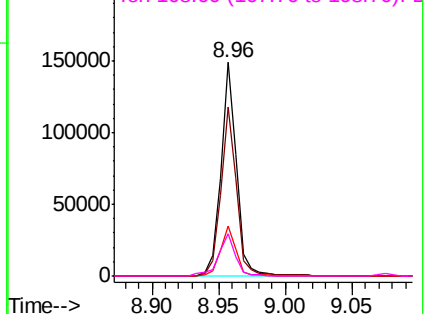
Abundance

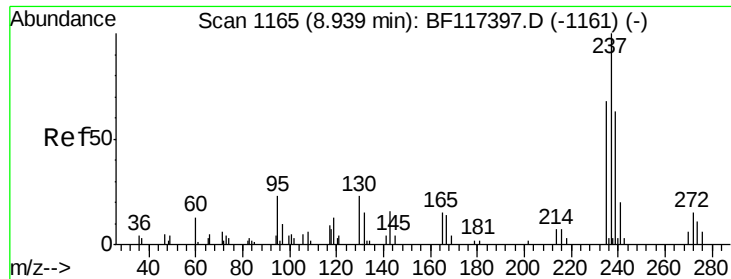
Ion 216.00 (215.70 to 216.70): E

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: 76.566 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:03

Instrument :

BNA_F

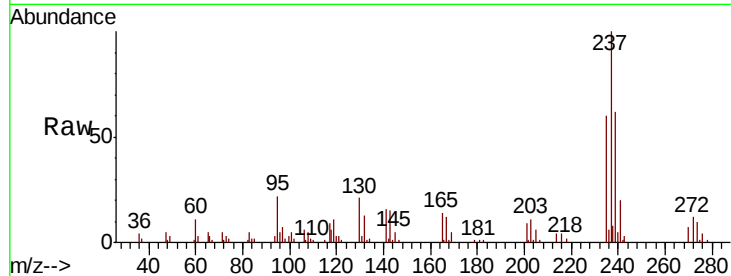
ClientSampleId :

SSTDCCC040

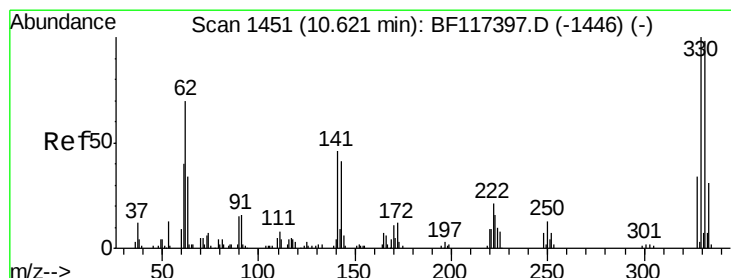
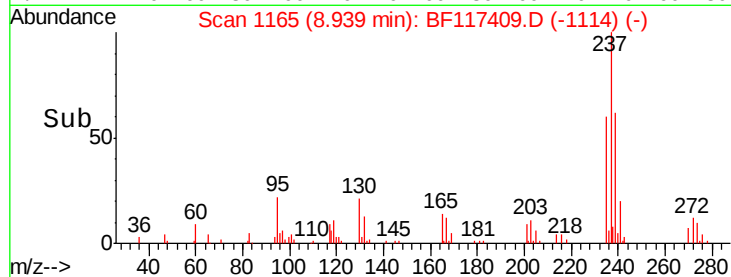
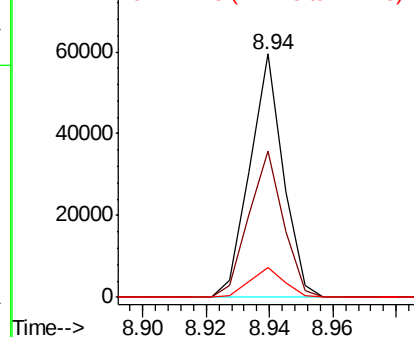
Tot Ion:	237	Resp:	43384
Ion Ratio	Lower	Upper	
237	100		
235	60.2	47.8	87.8
272	12.5	0.0	35.0

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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: 83.427 ng

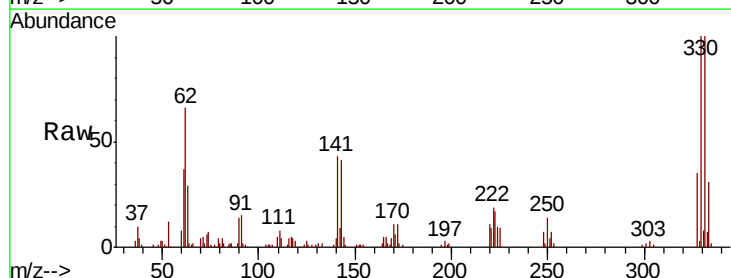
RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

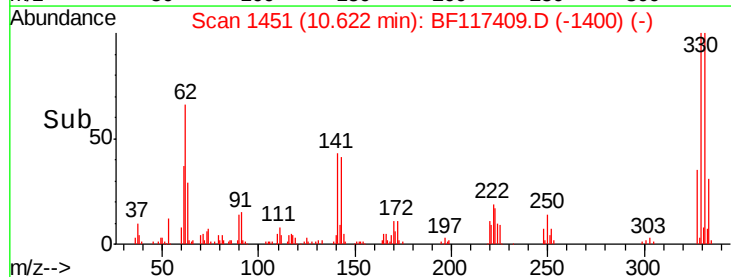
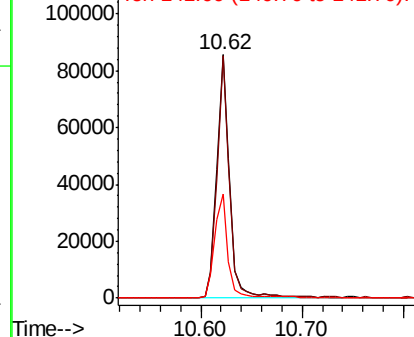
Lab File: BF117409.D

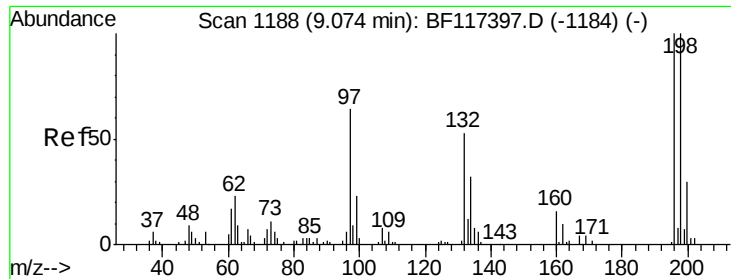
Acq: 16 Oct 2019 13:03

Tgt Ion:	330	Resp:	76552
Ion Ratio	Lower	Upper	
330	100		
332	96.7	75.0	112.6
141	42.9	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





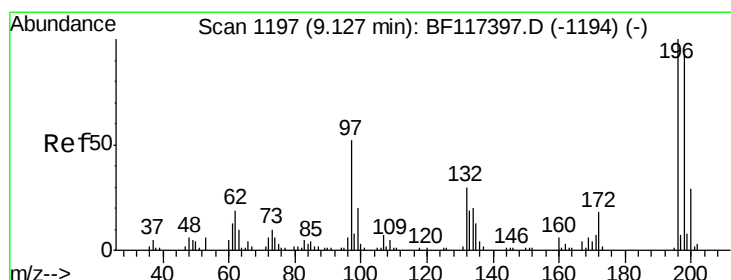
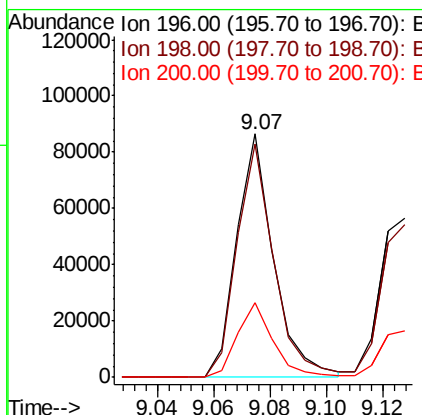
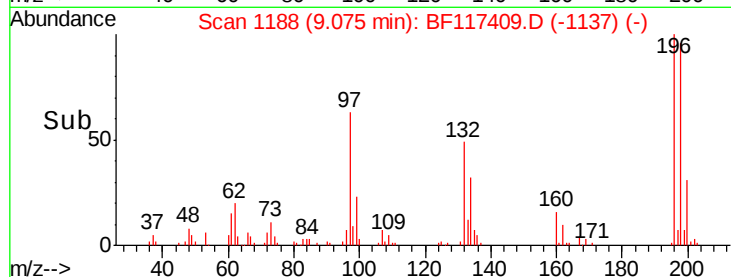
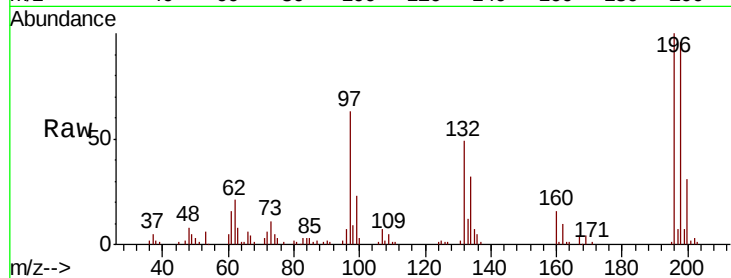
#43
 2,4,6-Trichlorophenol
 Concen: 41.028 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	78785
Ion Ratio	Lower	Upper	
196	100		
198	96.1	79.8	119.6
200	30.9	23.7	35.5

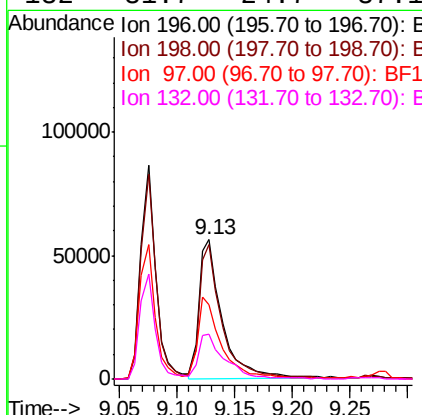
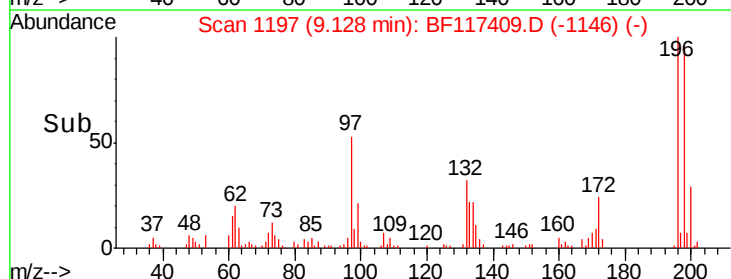
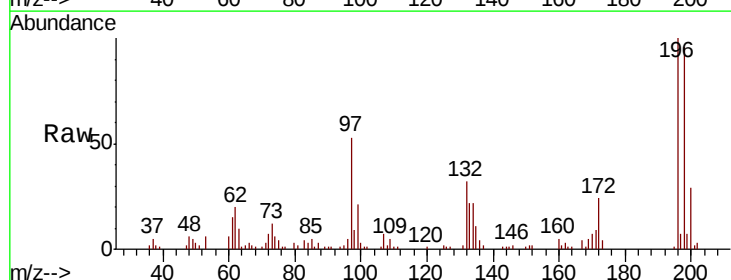
Manual Integrations
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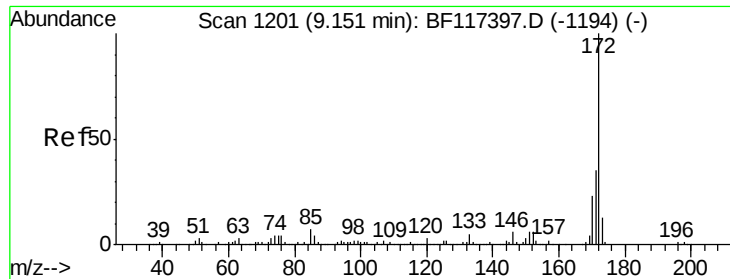
mohammad
 10/18/2019 8:26:25 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.333 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:03

Tgt Ion:	196	Resp:	79002
Ion Ratio	Lower	Upper	
196	100		
198	96.4	74.9	112.3
97	53.4	42.5	63.7
132	31.7	24.7	37.1





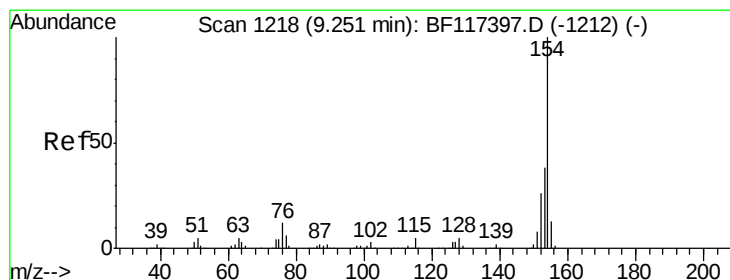
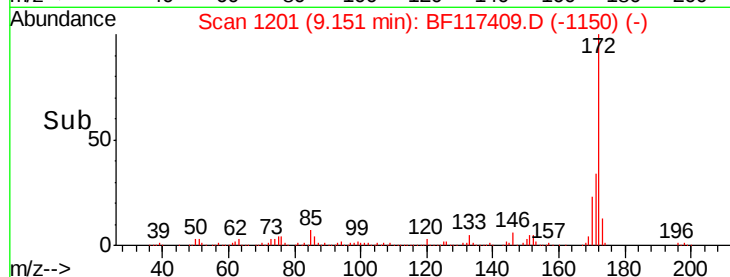
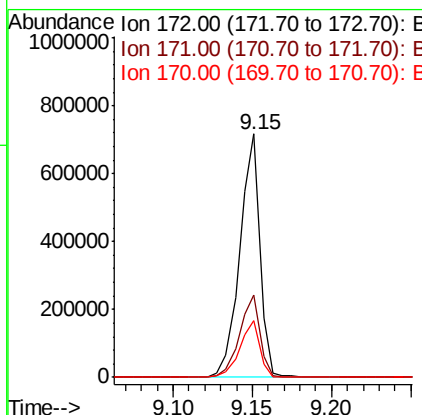
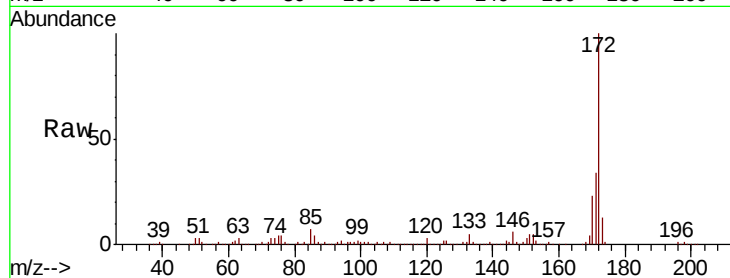
#45
2-Fluorobiphenyl
Concen: 81.514 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.2	42.2
170	23.1	18.2	27.2

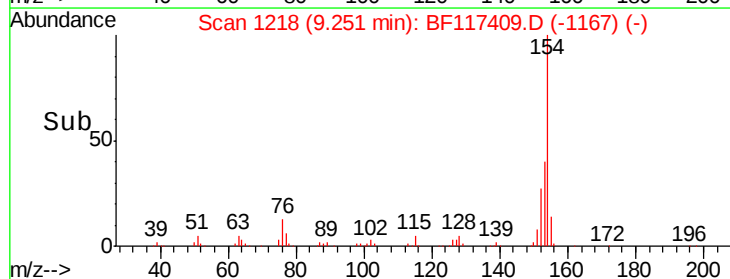
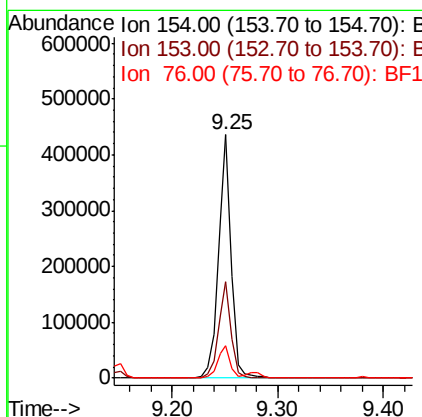
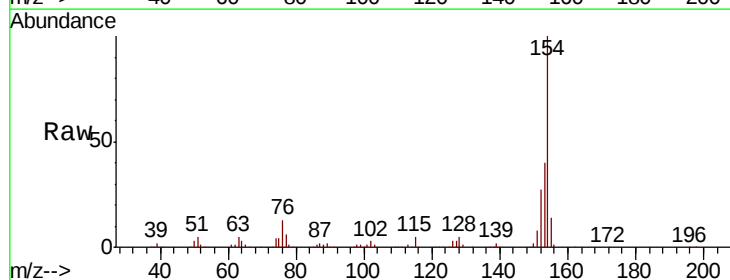
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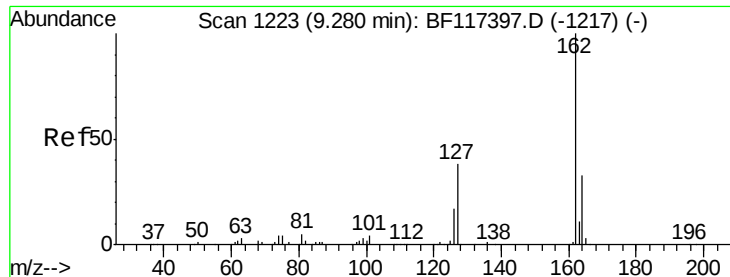
mohammad
10/18/2019 8:26:25 AM



#46
1,1'-Biphenyl
Concen: 40.425 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	18.3	58.3
76	13.1	0.0	32.3





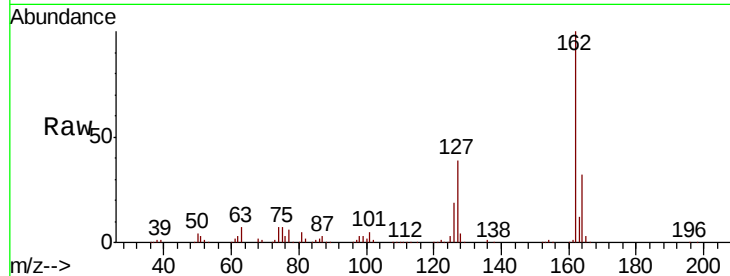
#47
2-Chloronaphthalene
Concen: 40.623 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	291672		
127	38.9		32.6	48.8
164	32.1		26.2	39.4

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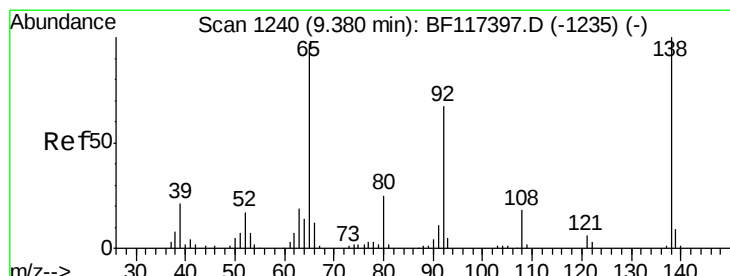
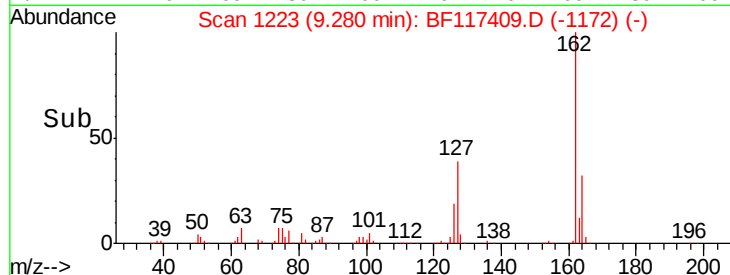
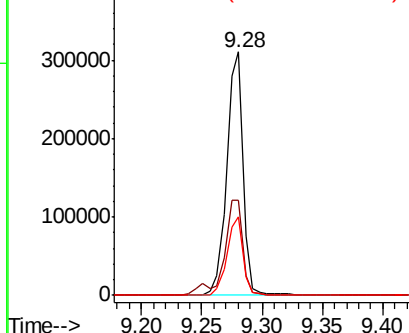


Abundance

Ion 162.00 (161.70 to 162.70): E

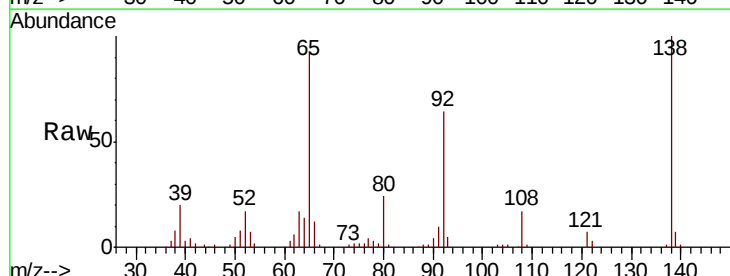
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 40.651 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	93126		
92	68.9		55.4	83.0
138	107.2		82.6	124.0

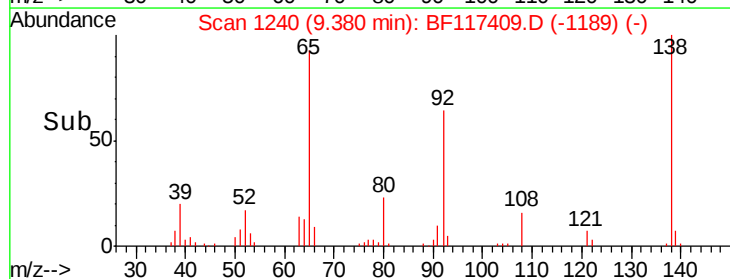
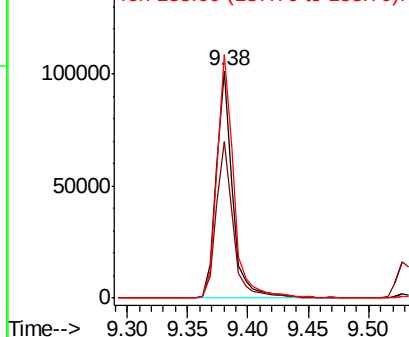


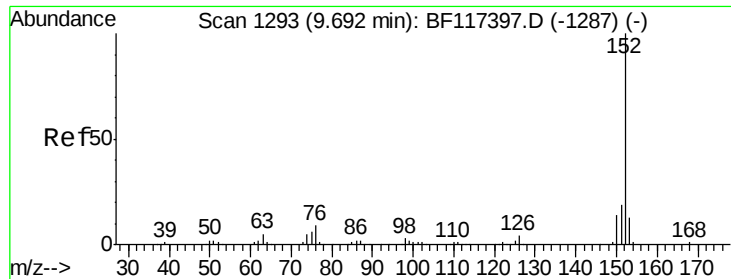
Abundance

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





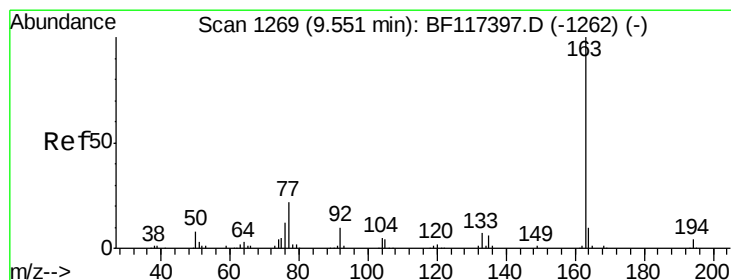
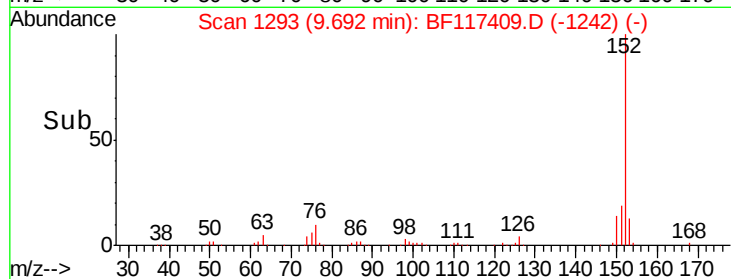
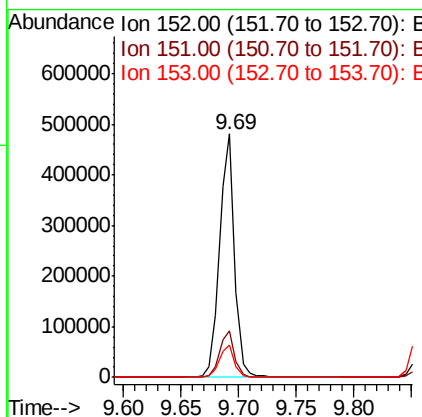
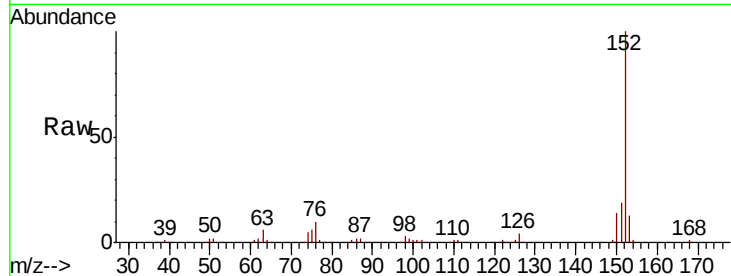
#49
Acenaphthylene
Concen: 40.953 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.2	10.6	16.0

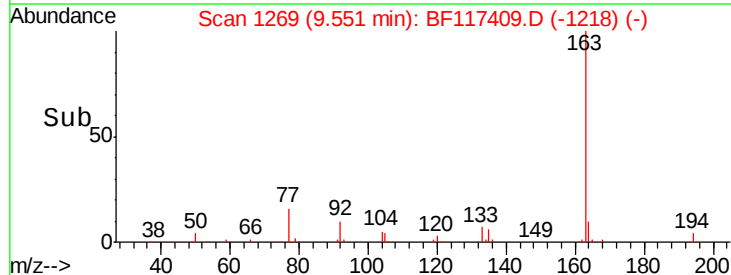
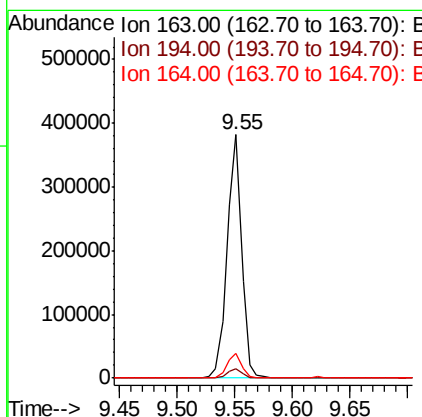
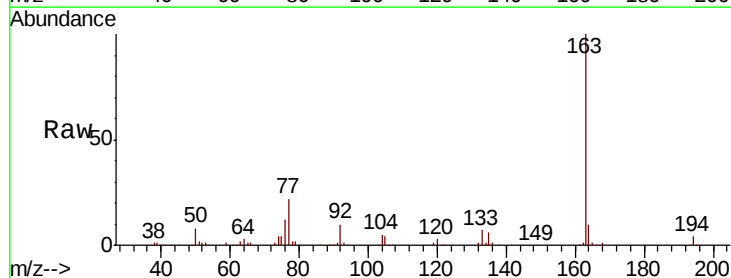
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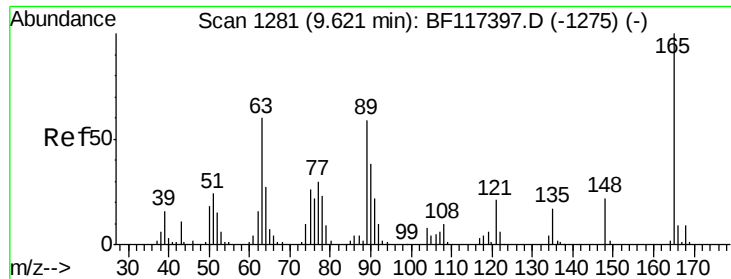
mohammad
10/18/2019 8:26:25 AM



#50
Dimethylphthalate
Concen: 41.176 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.4	8.0	12.0





#51

2,6-Dinitrotoluene

Concen: 40.885 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:03

Instrument :

BNA_F

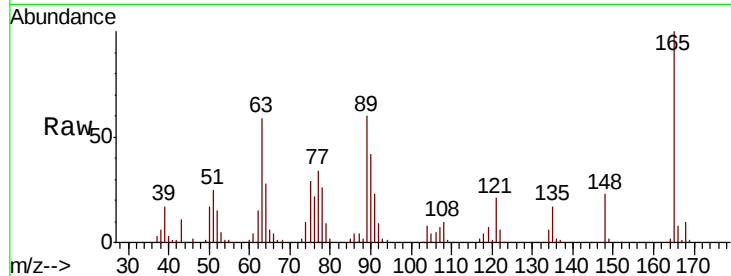
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	69584
Ion Ratio	Lower	Upper	
165	100		
63	58.9	47.8	71.6
89	59.9	47.4	71.0

Manual Integrations
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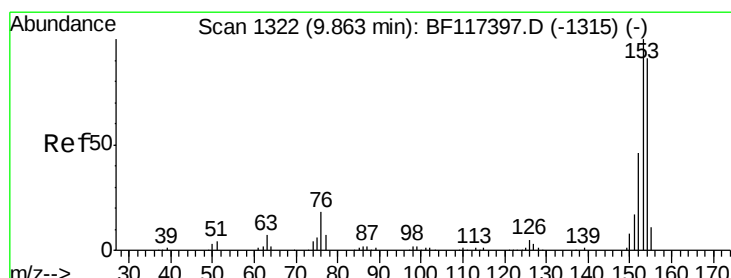
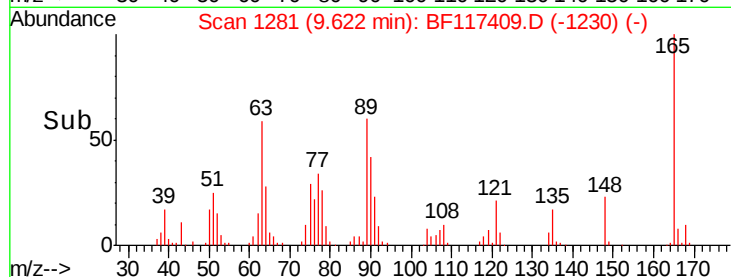
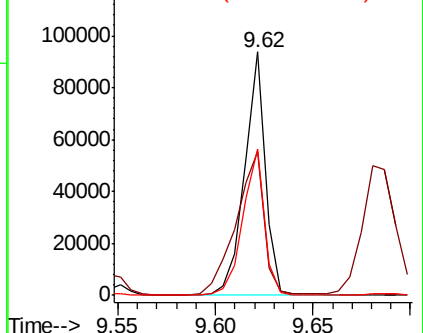
mohammad
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.492 ng

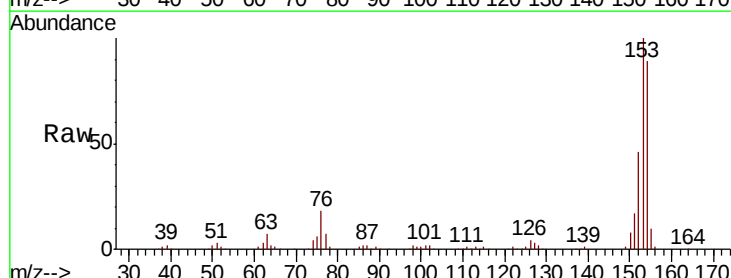
RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:03

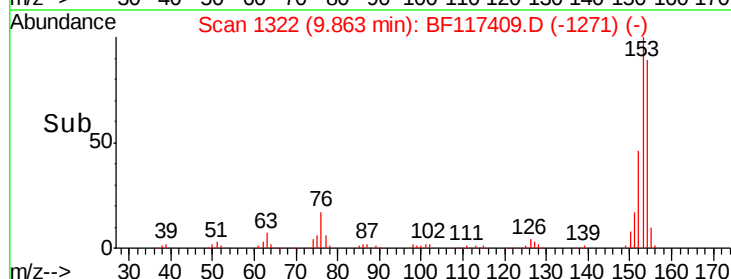
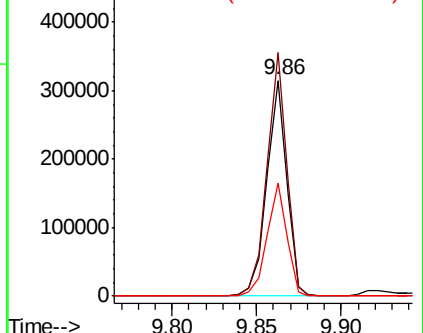
Tgt Ion:	154	Resp:	258983
Ion Ratio	Lower	Upper	
154	100		
153	112.7	87.9	131.9
152	52.1	40.8	61.2

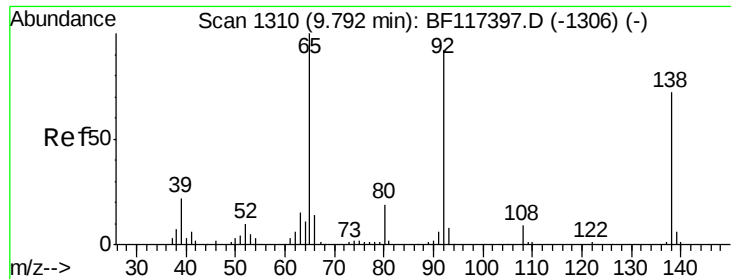


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





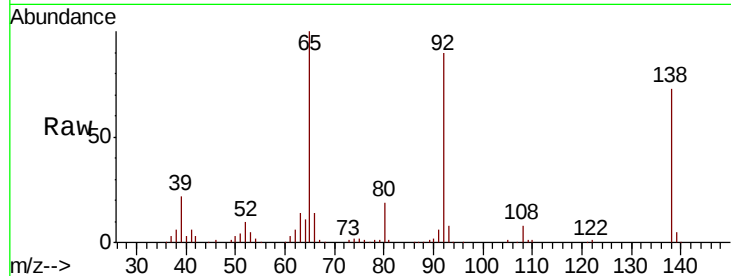
#53
3-Nitroaniline
Concen: 41.502 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.5	14.3
92	124.2	102.2	153.4

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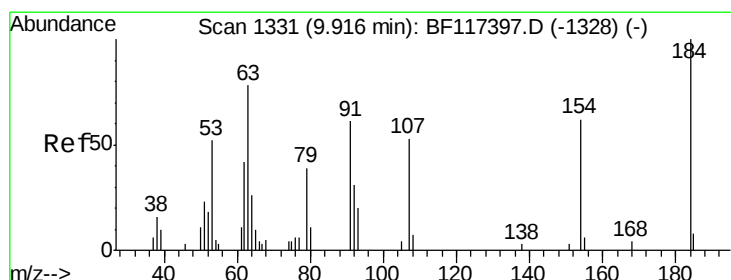
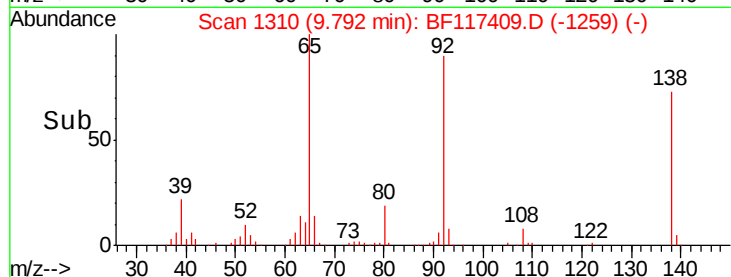
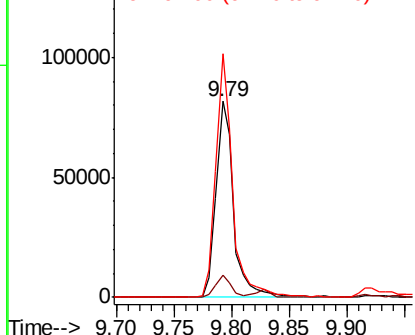


Abundance

Ion 138.00 (137.70 to 138.70): E

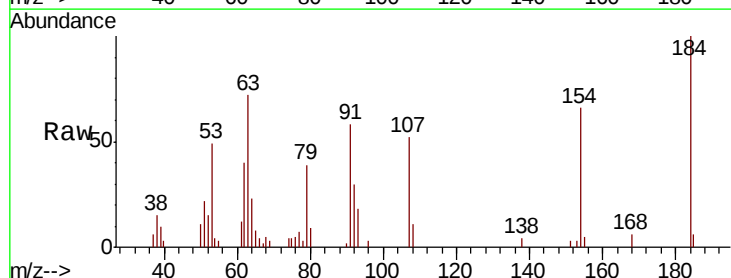
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 36.087 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.7	62.4	93.6
154	65.9	53.5	80.3

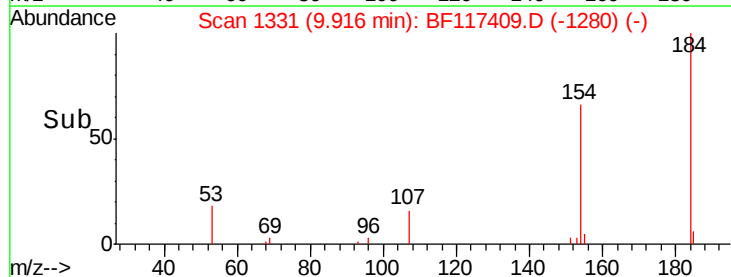
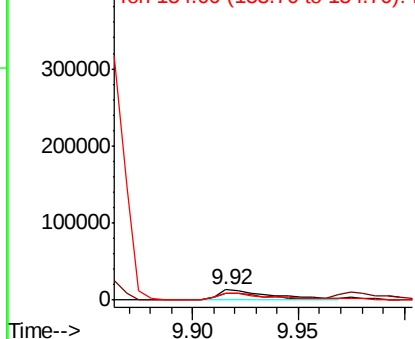


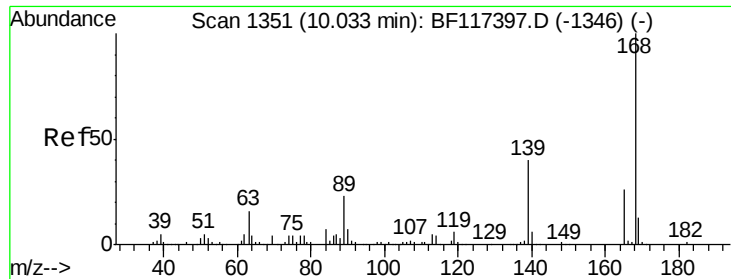
Abundance

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





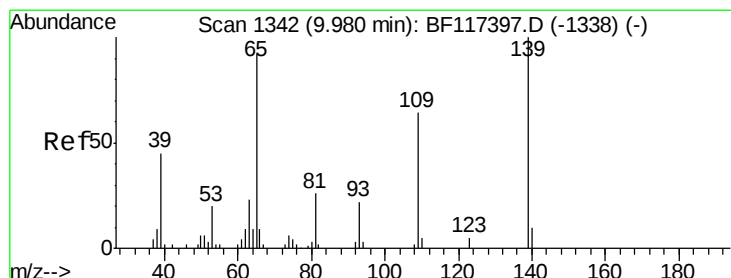
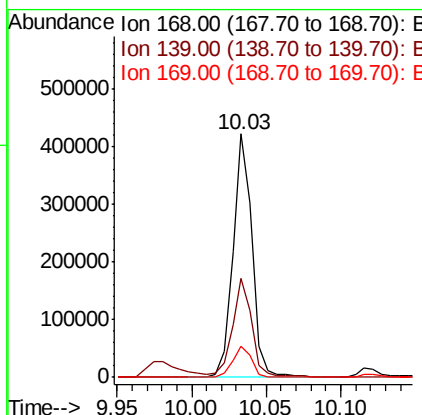
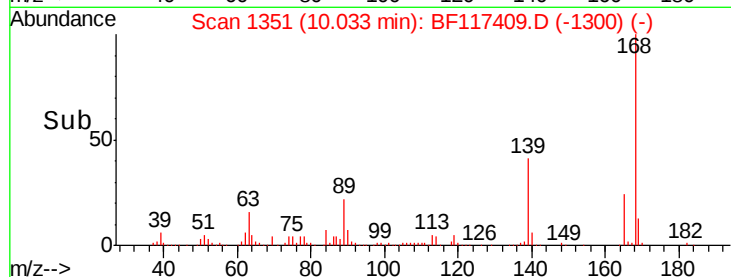
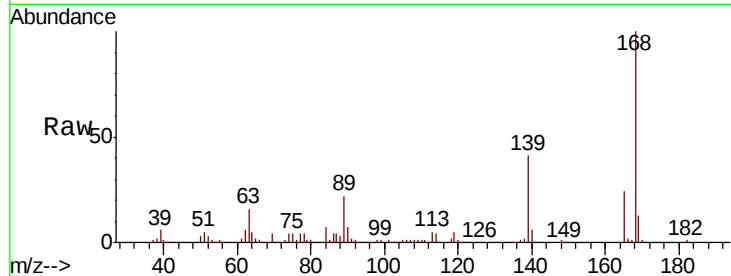
#55
Dibenzofuran
Concen: 40.775 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.7	33.3	49.9
169	13.0	10.7	16.1

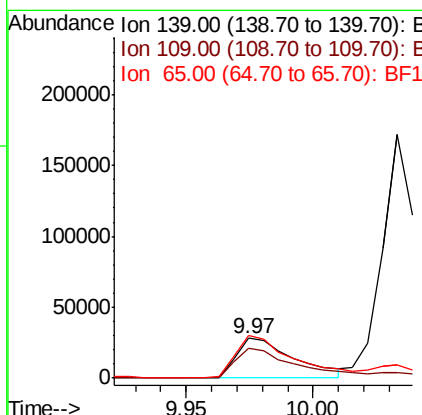
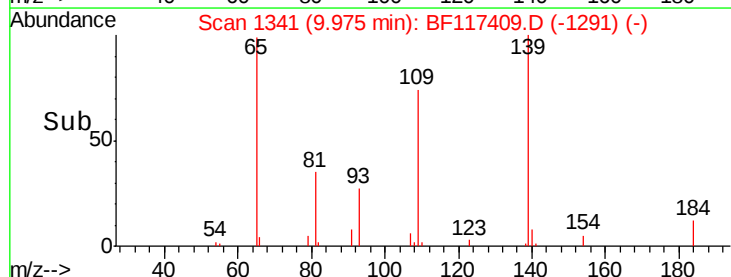
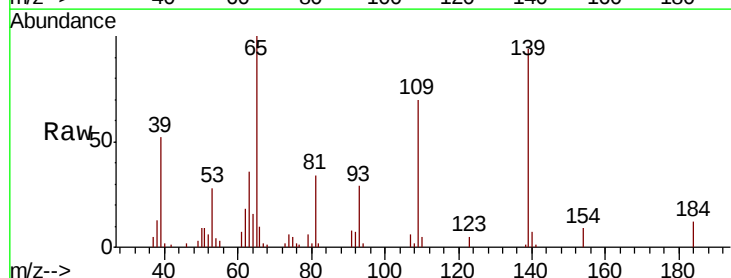
Manual Integrations
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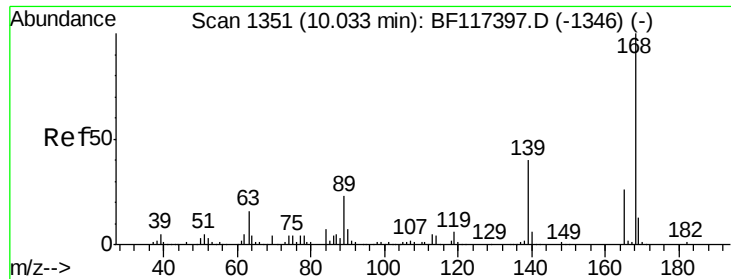
mohammad
10/18/2019 8:26:25 AM



#56
4-Nitrophenol
Concen: 49.470 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.8	43.8	83.8
65	106.2	73.9	113.9





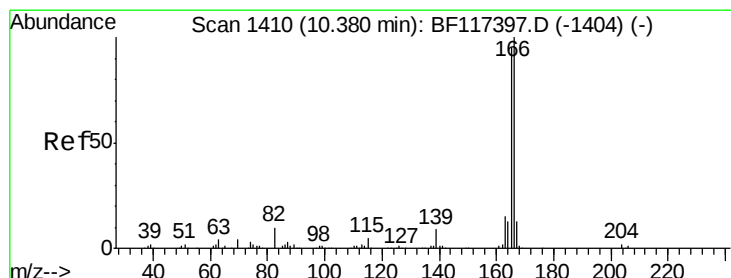
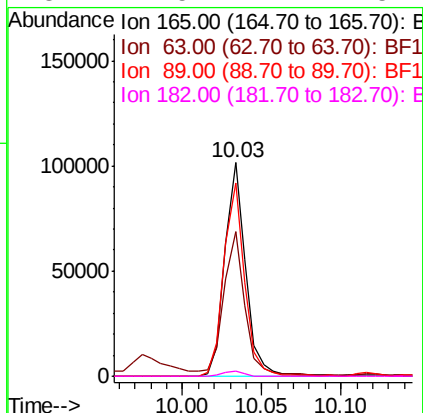
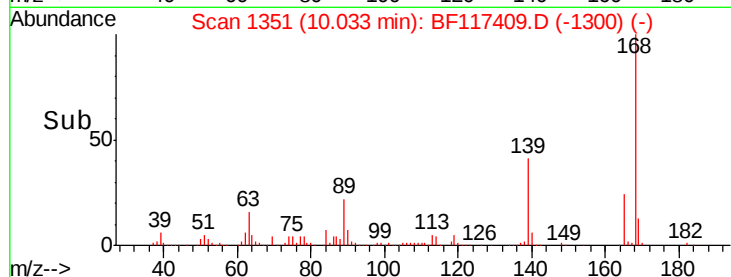
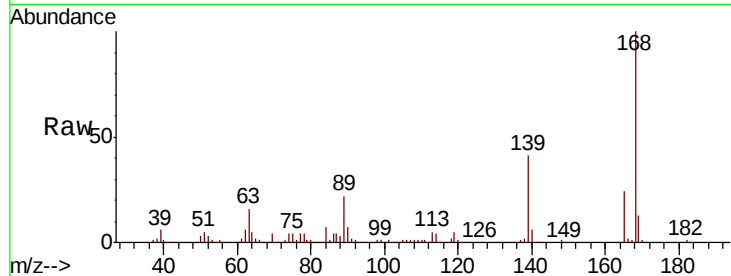
#57
2,4-Dinitrotoluene
Concen: 41.395 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	92960		
63	67.9	51.0	76.4	
89	90.2	70.7	106.1	
182	2.5	2.1	3.1	

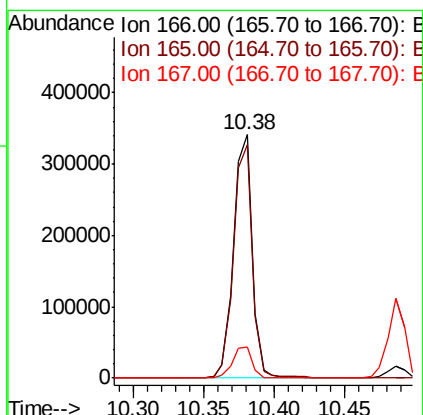
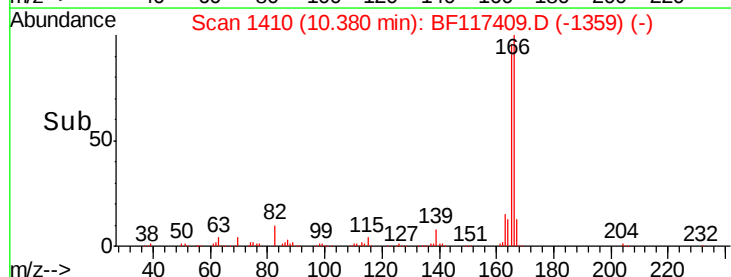
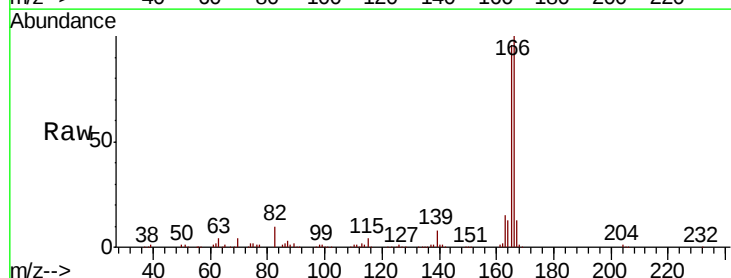
Manual Integrations
APPROVED

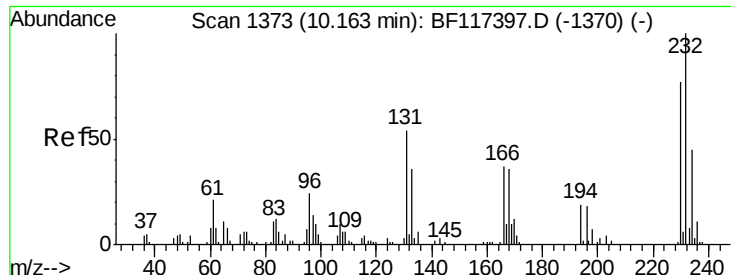
mohammad
10/18/2019 8:26:25 AM



#58
Fluorene
Concen: 40.924 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	317914		
165	96.0	75.7	113.5	
167	12.8	10.4	15.6	





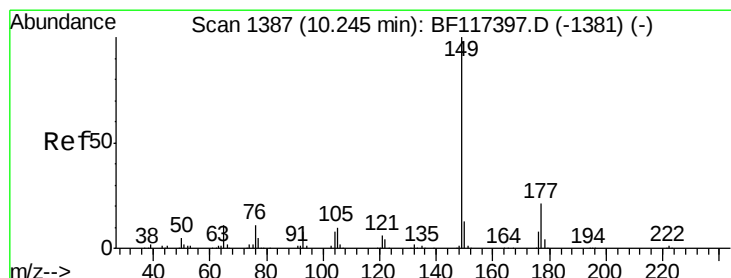
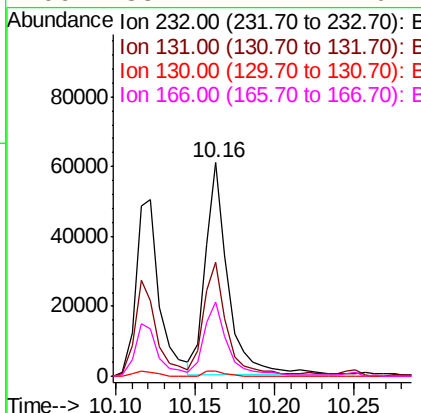
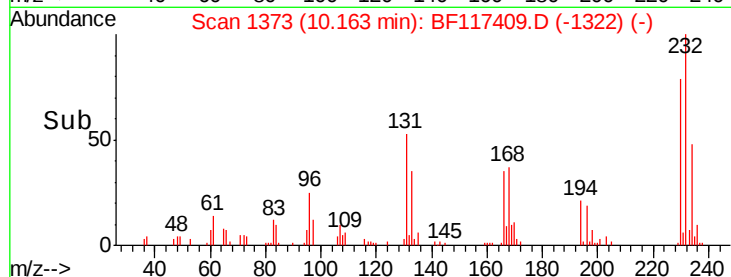
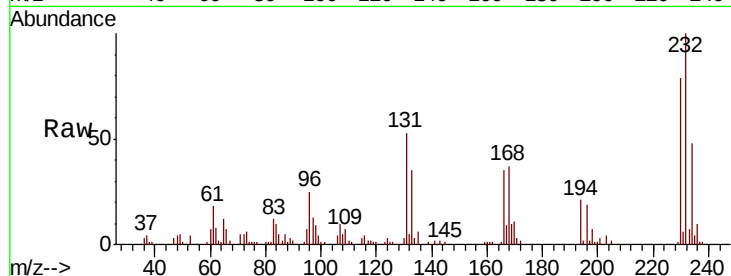
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.059 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	57.2	44.5	66.7
130	2.3	2.0	3.0
166	35.1	27.1	40.7

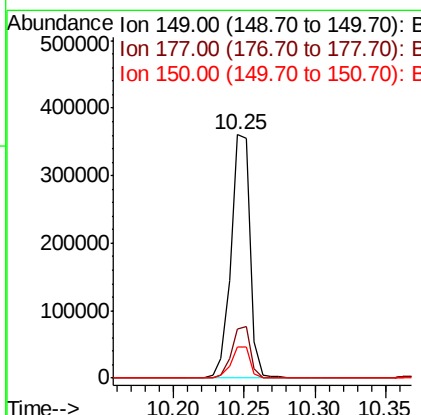
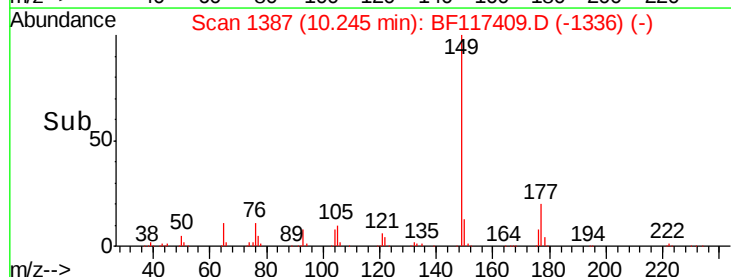
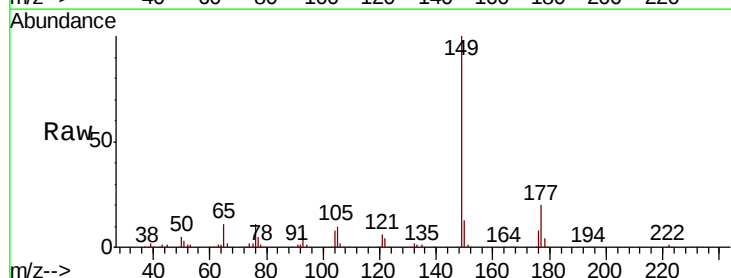
Manual Integrations
APPROVED

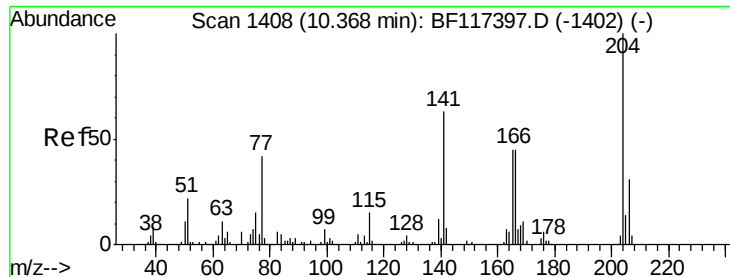
mohammad
10/18/2019 8:26:25 AM



#60
Diethylphthalate
Concen: 41.529 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.1	16.5	24.7
150	12.8	10.1	15.1





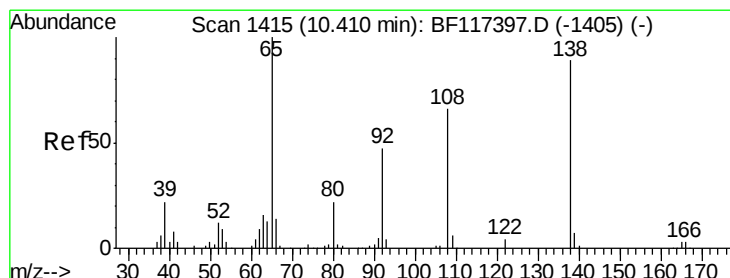
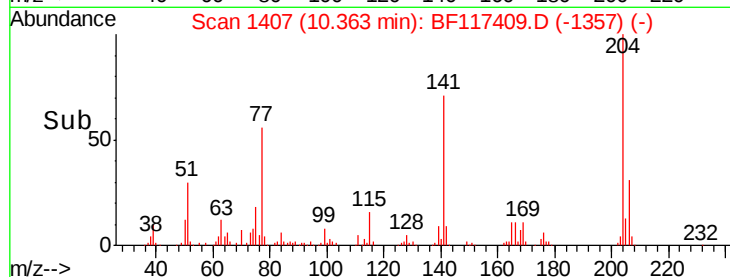
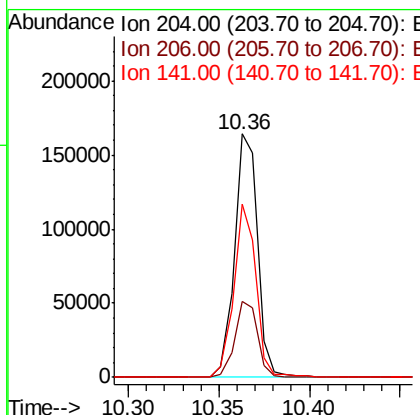
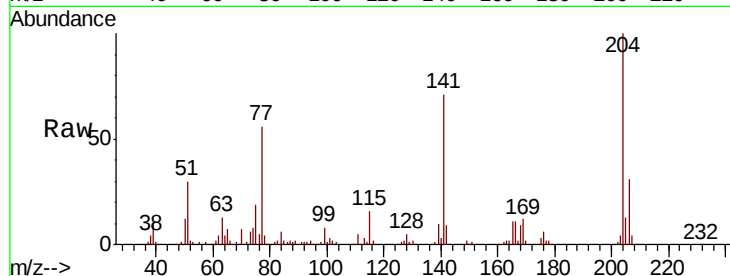
#61
4-Chlorophenyl-phenylether
Concen: 42.336 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.0	25.0	37.4
141	71.3	50.7	76.1

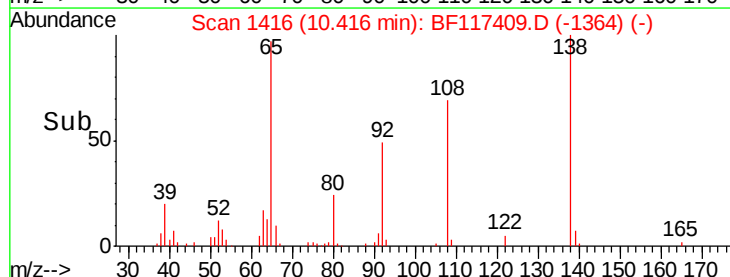
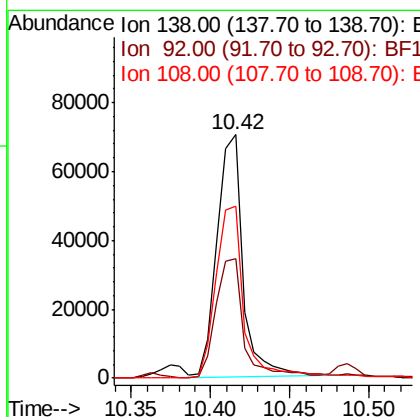
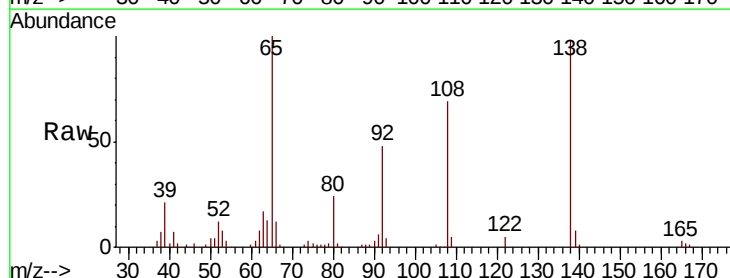
Manual Integrations
APPROVED

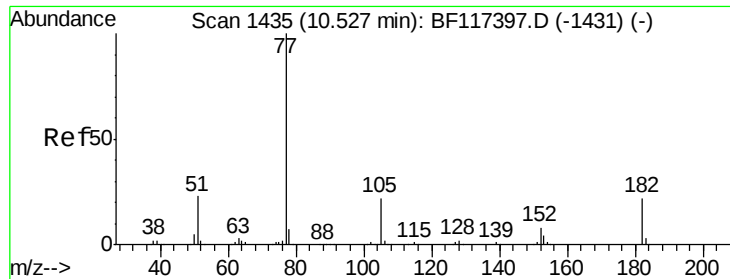
mohammad
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#62
4-Nitroaniline
Concen: 40.337 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	32.4	72.4
108	70.5	53.8	93.8





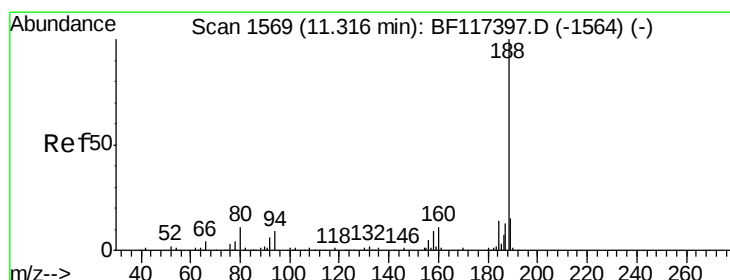
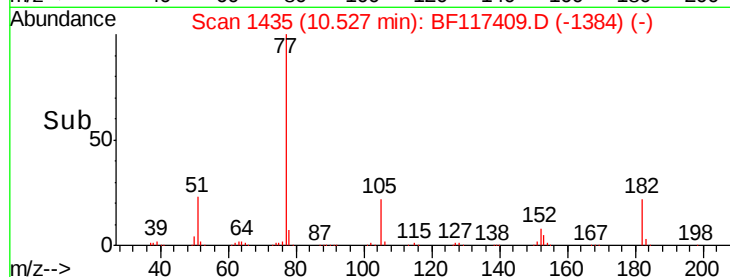
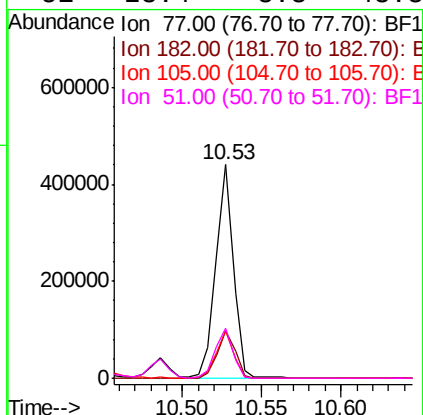
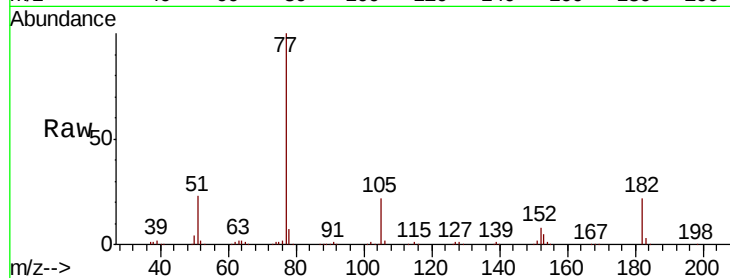
#63
Azobenzene
Concen: 40.469 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.3	1.5	41.5	
105	22.3	1.8	41.8	
51	23.4	3.3	43.3	

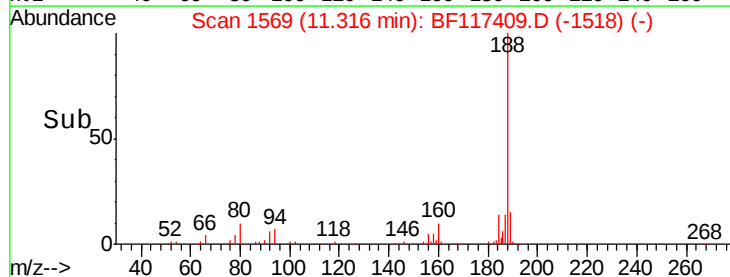
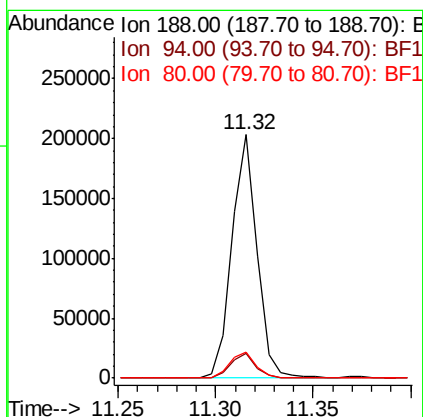
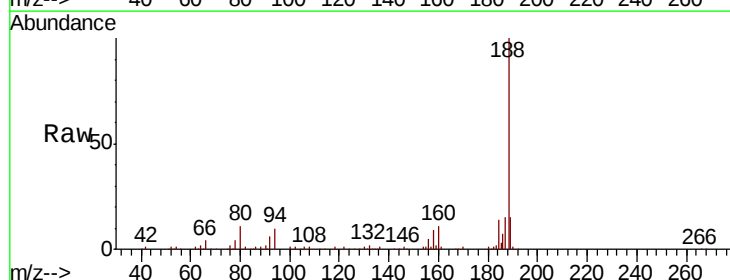
Manual Integrations
APPROVED

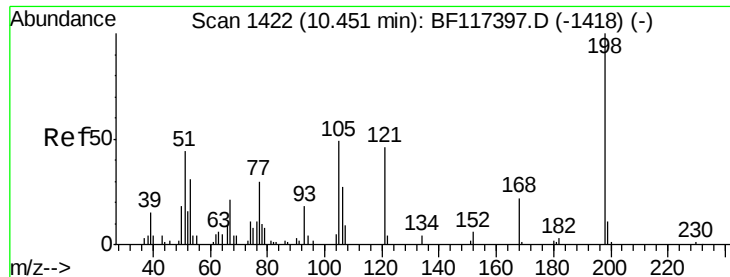
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.0	7.5	11.3	
80	10.6	8.7	13.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 38.872 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:03

Instrument :

BNA_F

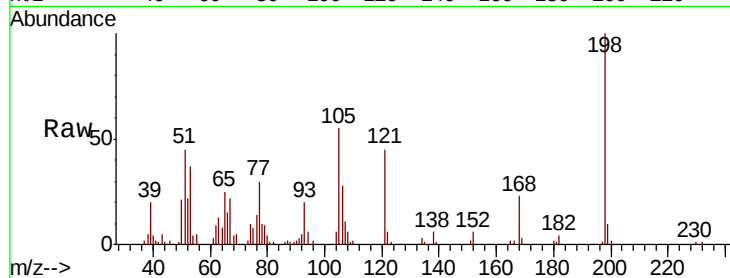
ClientSampleId :

SSTDCCC040

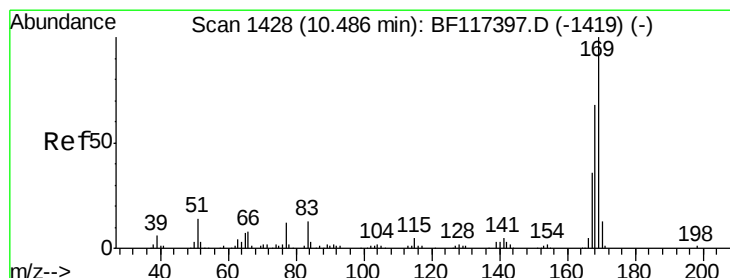
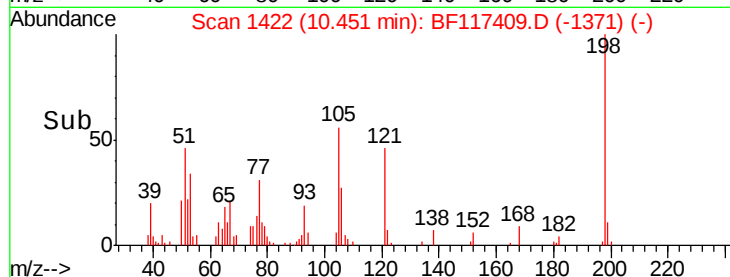
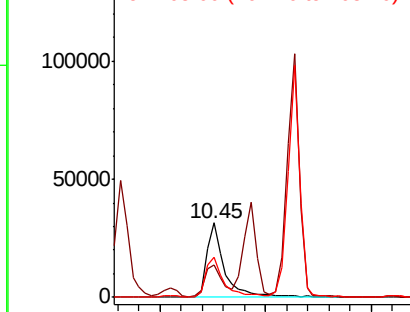
Tot Ion:	198	Resp:	36632
Ion Ratio	Lower	Upper	
198	100		
51	44.6	25.9	65.9
105	54.6	29.4	69.4

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



#66

n-Nitrosodiphenylamine

Concen: 39.639 ng

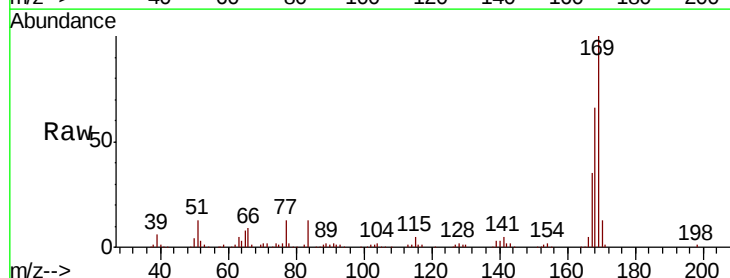
RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

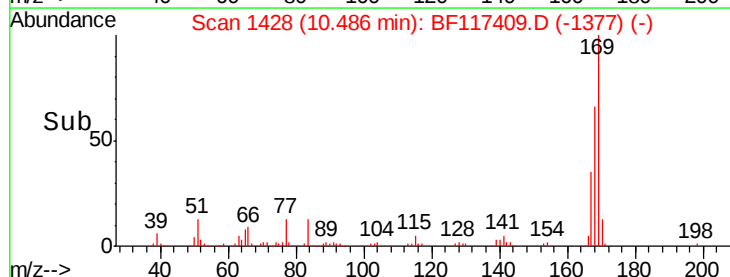
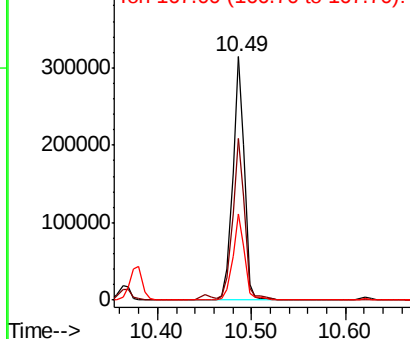
Lab File: BF117409.D

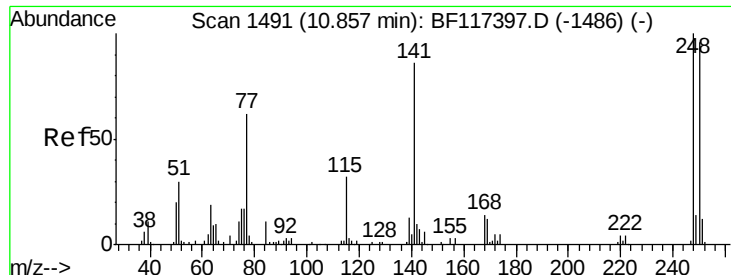
Acq: 16 Oct 2019 13:03

Tgt Ion:	169	Resp:	269006
Ion Ratio	Lower	Upper	
169	100		
168	66.5	54.1	81.1
167	35.4	28.8	43.2



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





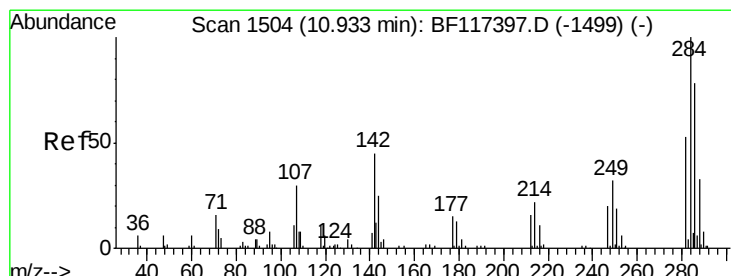
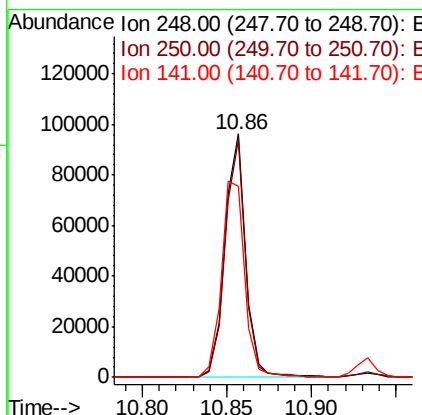
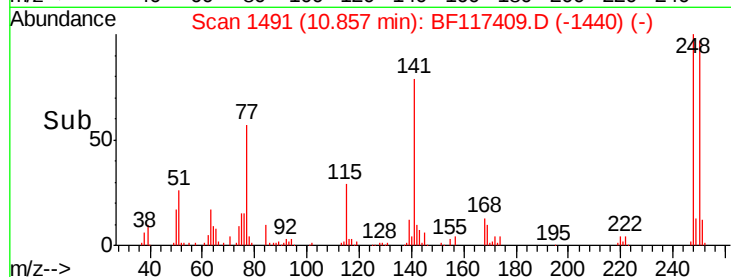
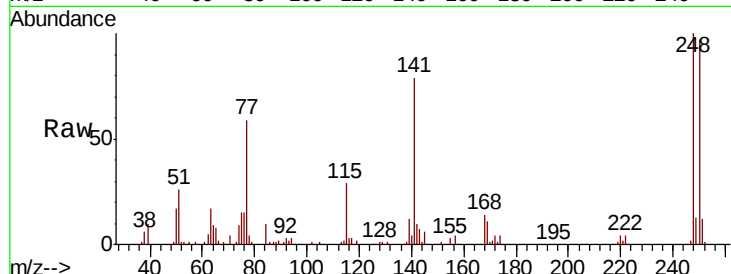
#67
4-Bromophenyl-phenylether
Concen: 41.077 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.1	115.7
141	78.8	69.1	103.7

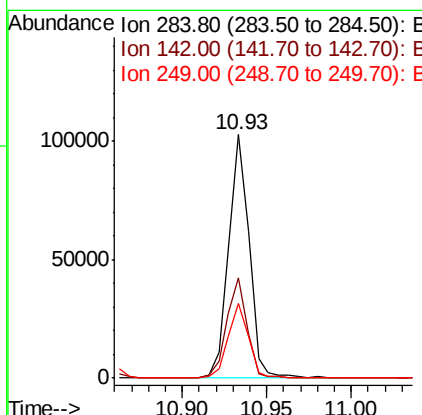
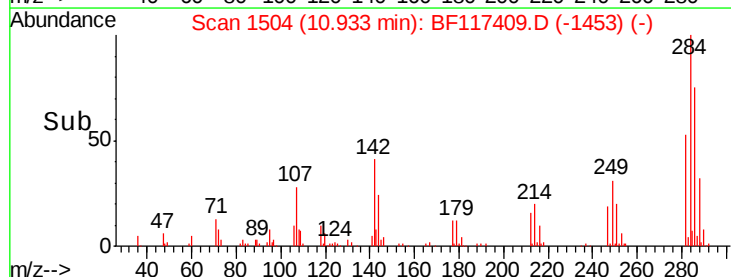
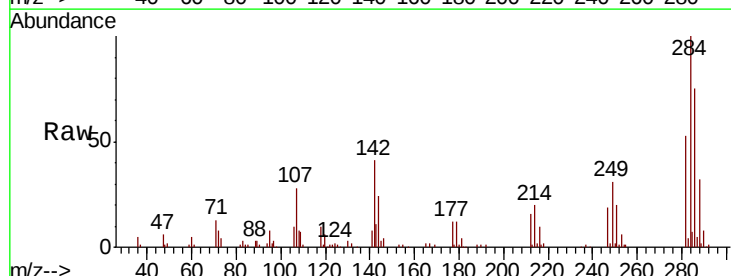
Manual Integrations
APPROVED

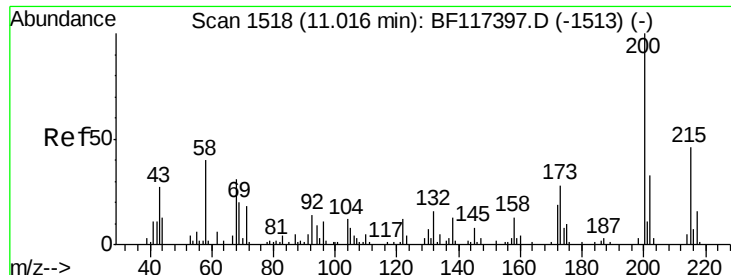
mohammad
10/18/2019 8:26:25 AM



#68
Hexachlorobenzene
Concen: 40.431 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.1	35.7	53.5
249	30.8	25.8	38.6





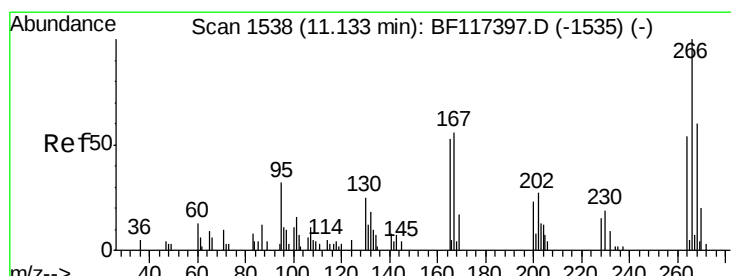
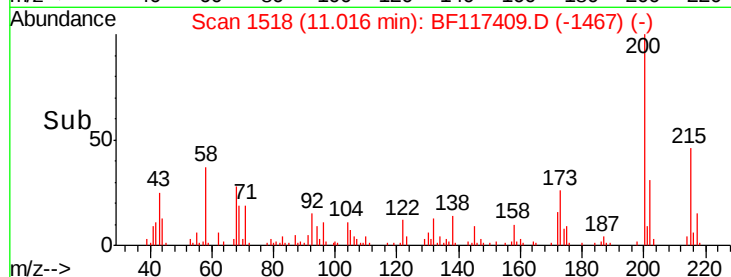
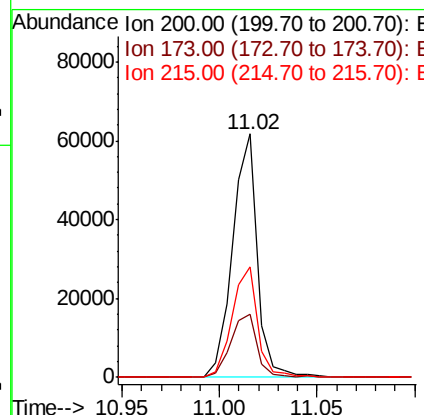
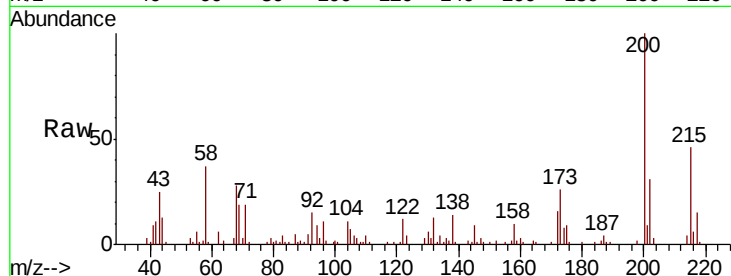
#69
Atrazine
Concen: 49.291 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	8.0	48.0
215	45.6	25.8	65.8

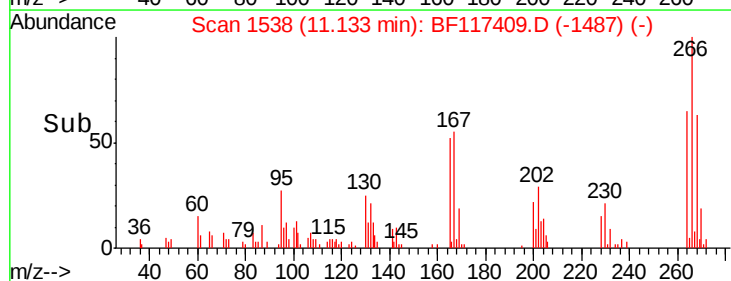
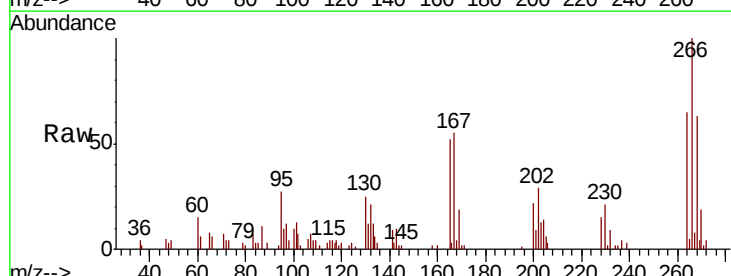
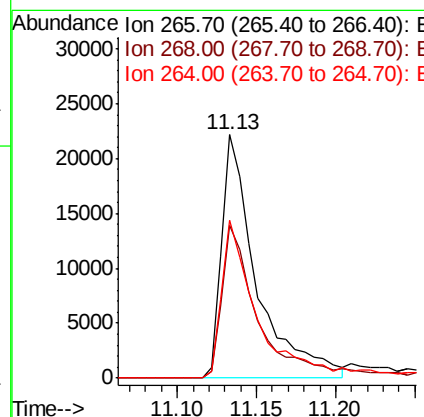
Manual Integrations
APPROVED

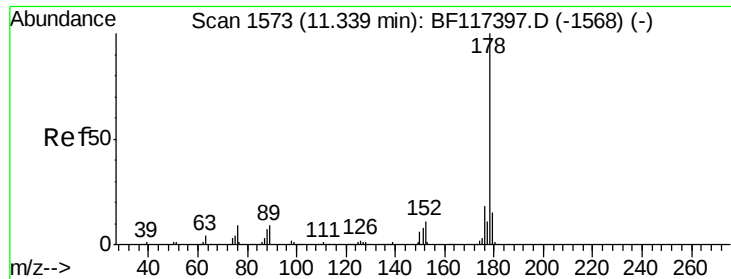
mohammad
10/18/2019 8:26:25 AM



#70
Pentachlorophenol
Concen: 52.940 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	47.8	71.6
264	64.8	42.9	64.3#





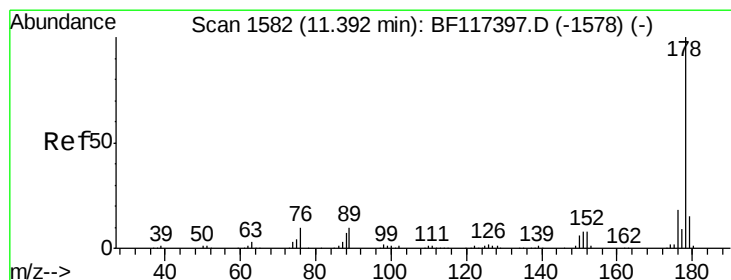
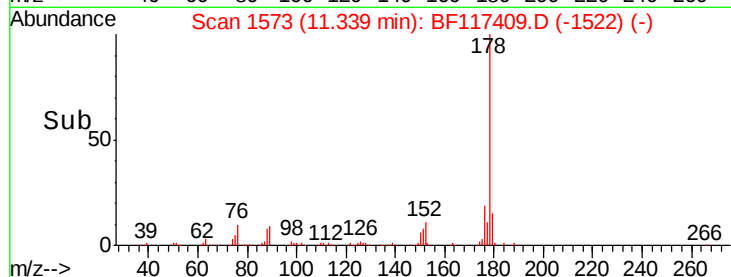
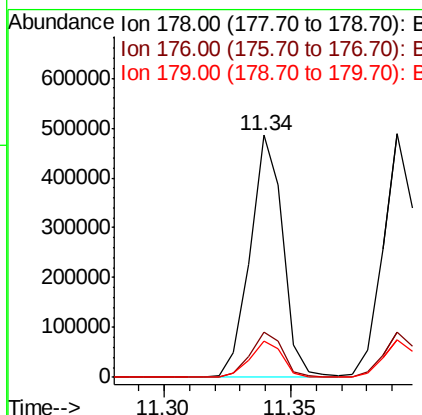
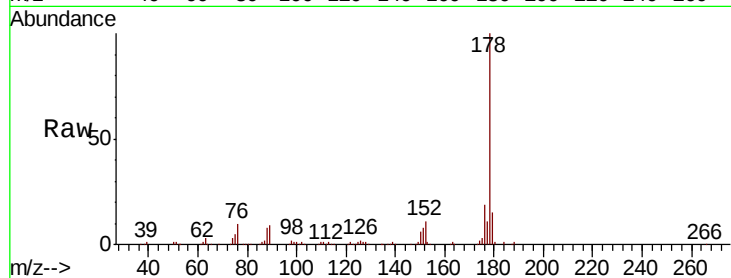
#71
Phenanthrene
Concen: 40.622 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.2	12.3	18.5

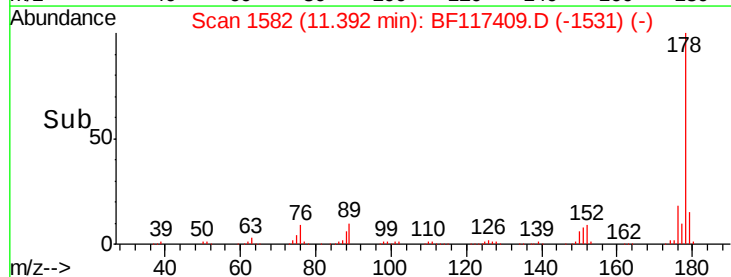
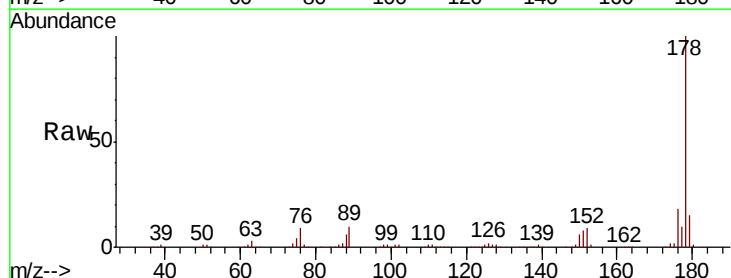
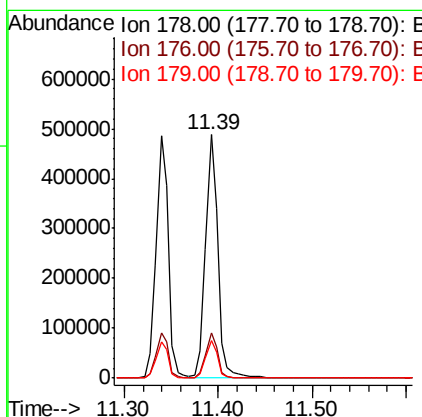
Manual Integrations
APPROVED

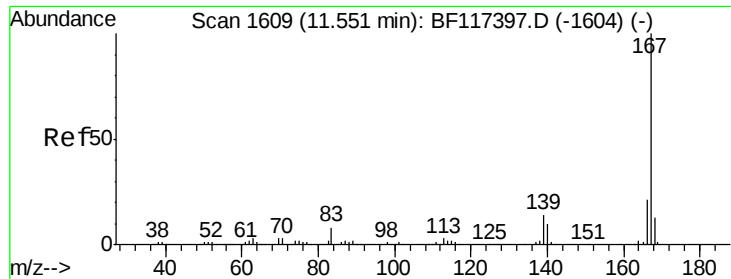
mohammad
10/18/2019 8:26:25 AM



#72
Anthracene
Concen: 40.737 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.4	21.6
179	15.4	12.1	18.1





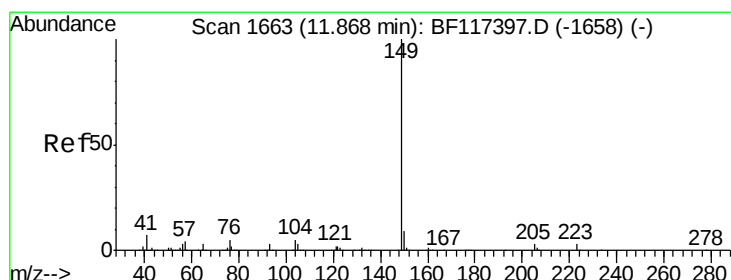
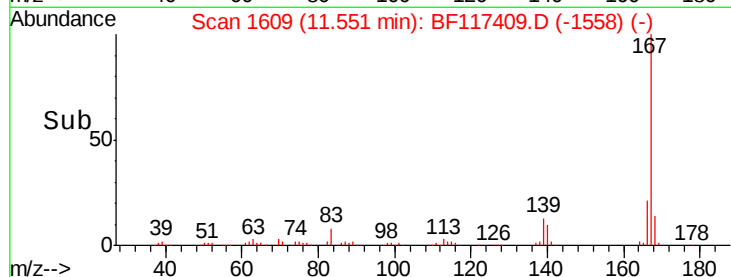
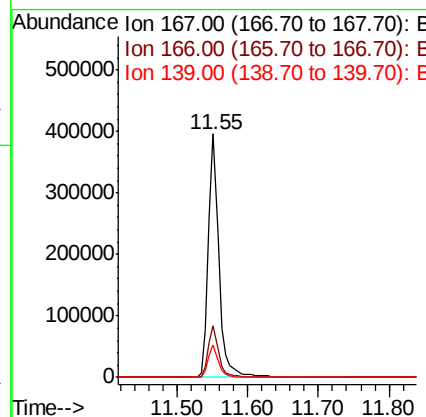
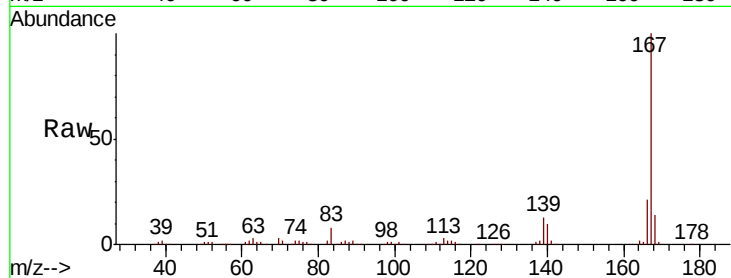
#73
 Carbazole
 Concen: 41.184 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.4
139	13.2	10.8	16.2

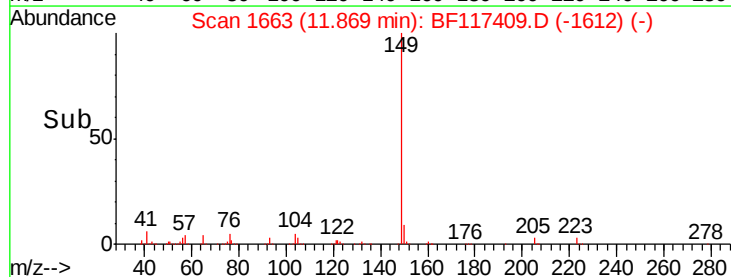
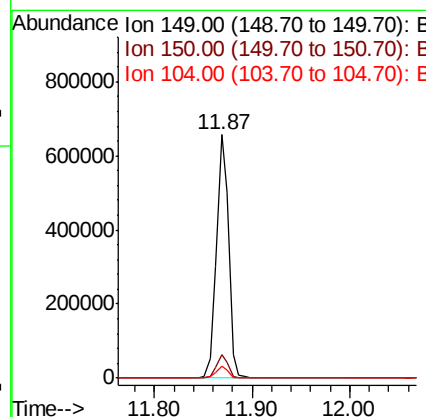
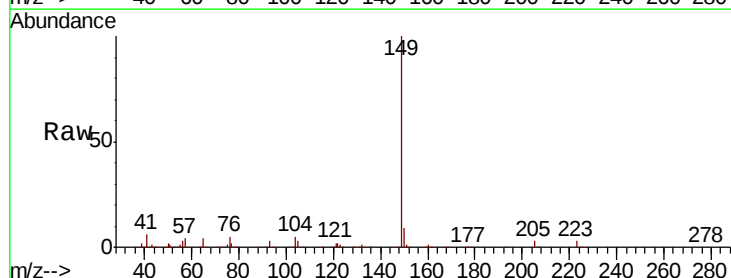
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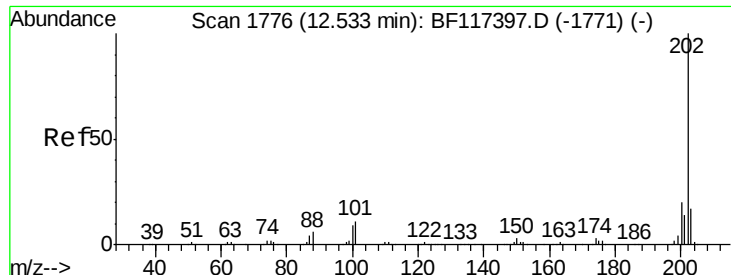
mohammad
 10/18/2019 8:26:25 AM



#74
 Di-n-butylphthalate
 Concen: 41.590 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.0	10.6
104	5.0	4.2	6.2





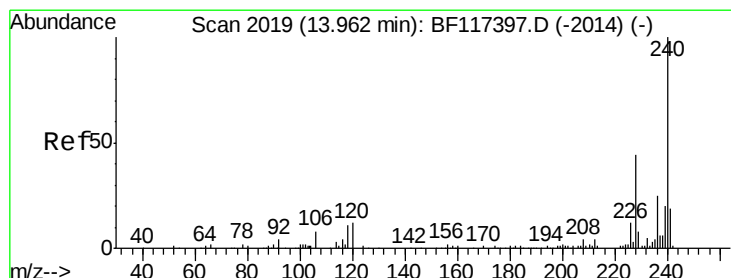
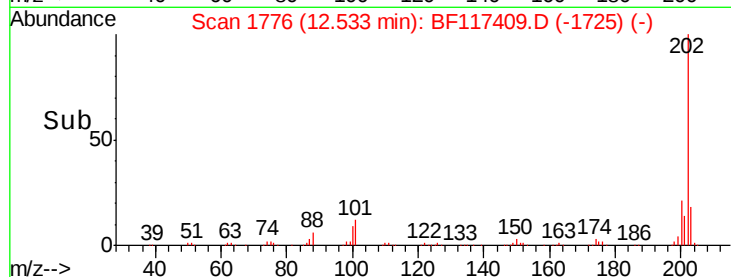
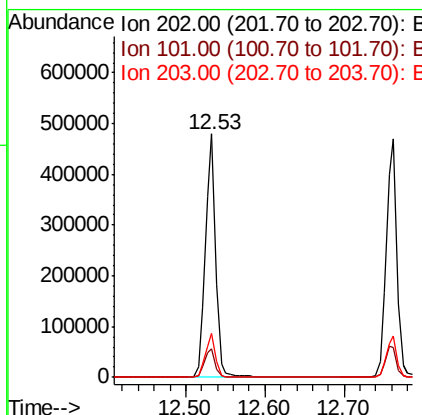
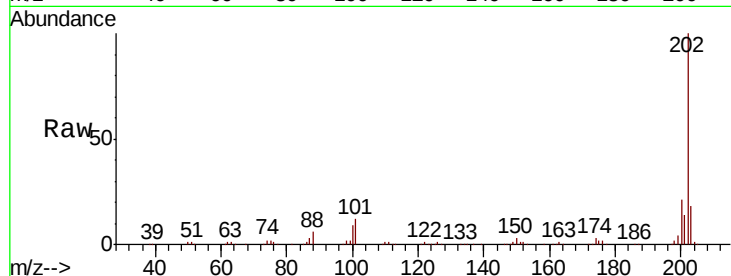
#75
 Fluoranthene
 Concen: 41.105 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	0.0	31.3
203	17.9	0.0	36.9

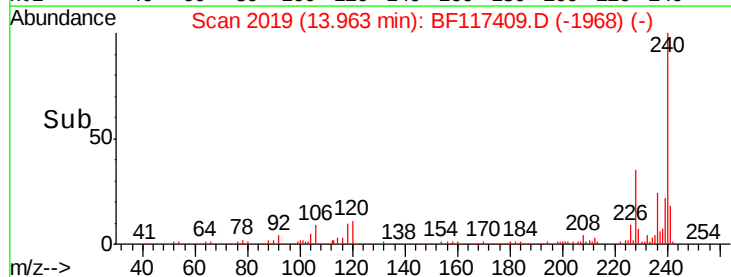
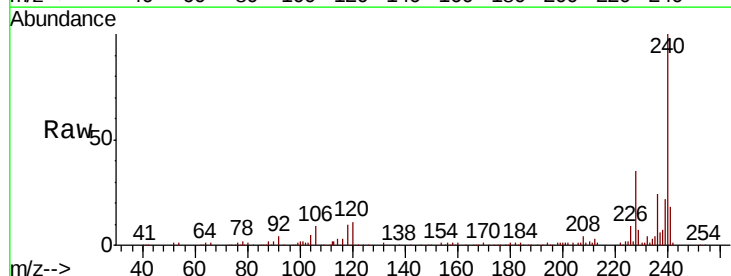
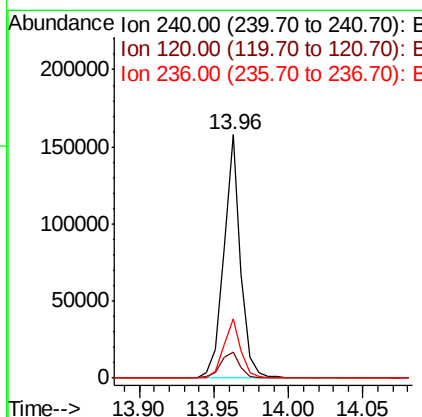
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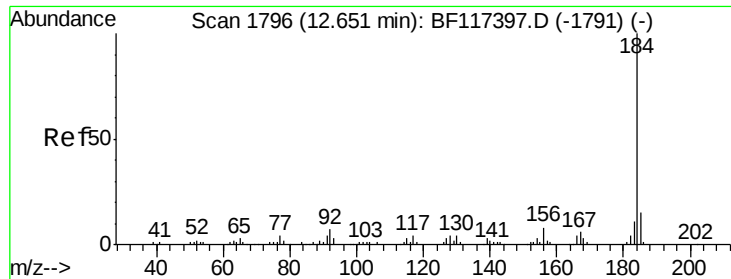
mohammad
 10/18/2019 8:26:25 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.7	9.4	14.0
236	24.4	19.8	29.6





#77

Benzidine

Concen: 40.862 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:03

Instrument :

BNA_F

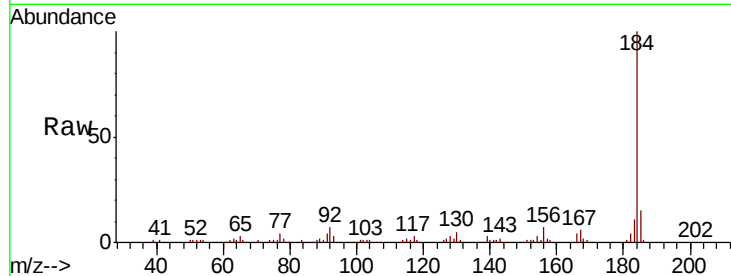
ClientSampleId :

SSTDCCC040

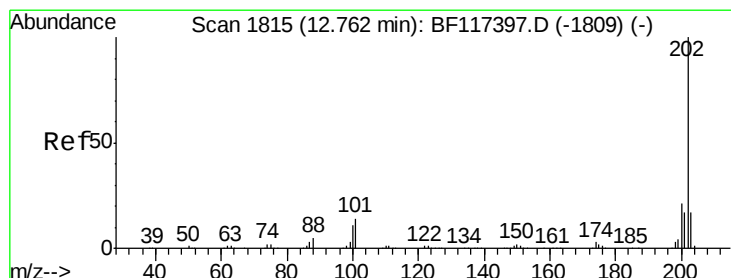
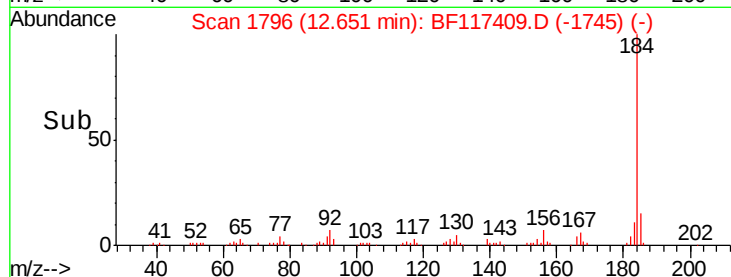
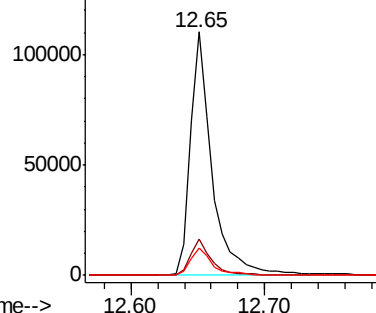
Tot Ion:	184	Resp:	126183
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.2	18.2
183	11.3	8.9	13.3

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Abundance Ion 184.00 (183.70 to 184.70): E
150000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.557 ng

RT: 12.76 min Scan# 1815

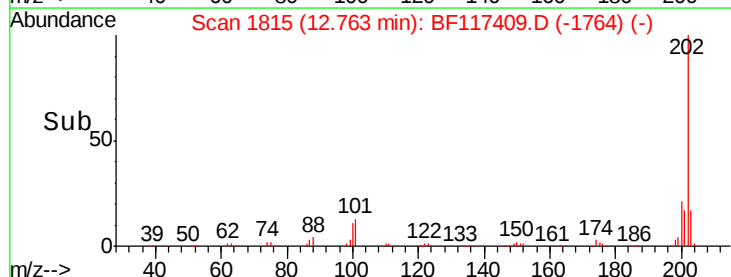
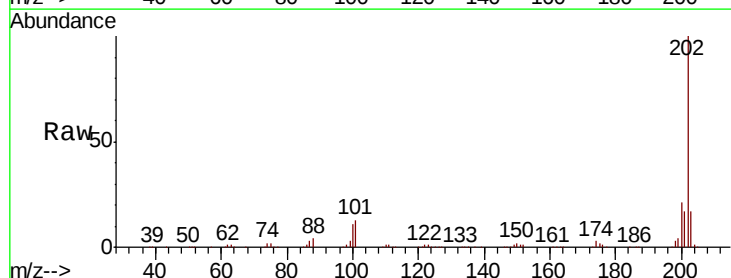
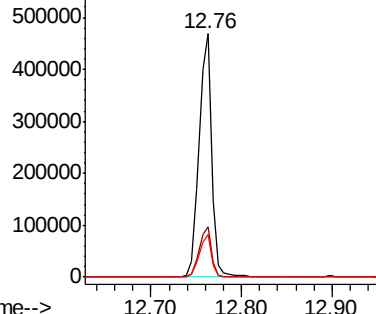
Delta R.T. 0.00 min

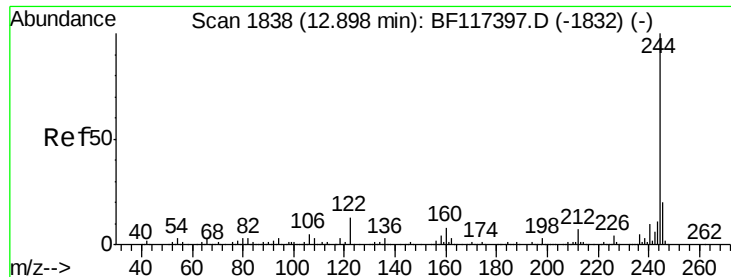
Lab File: BF117409.D

Acq: 16 Oct 2019 13:03

Tgt Ion:	202	Resp:	447619
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.8	25.2
203	17.4	14.0	21.0

Abundance Ion 202.00 (201.70 to 202.70): E
600000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





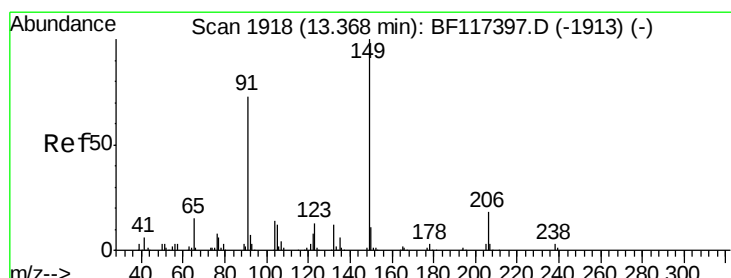
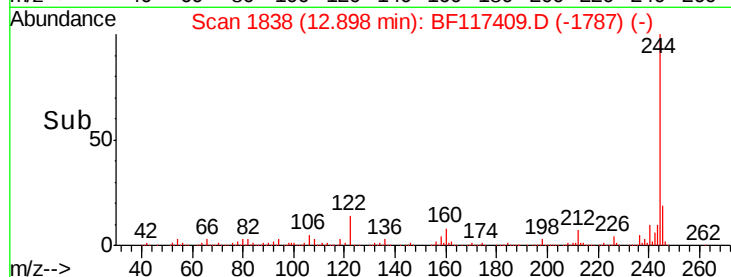
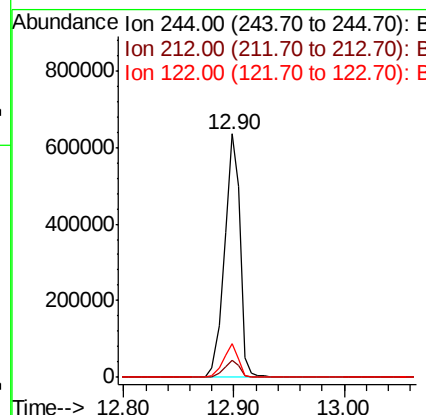
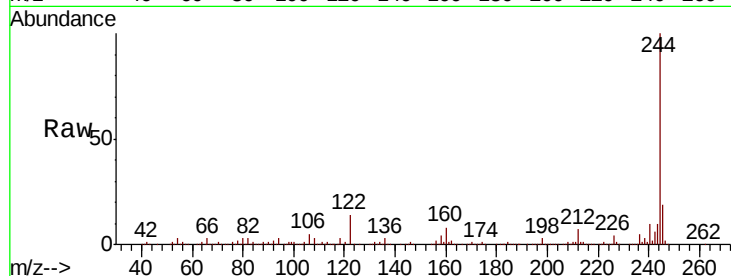
#79
 Terphenyl-d14
 Concen: 81.246 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	14.0	10.7	16.1

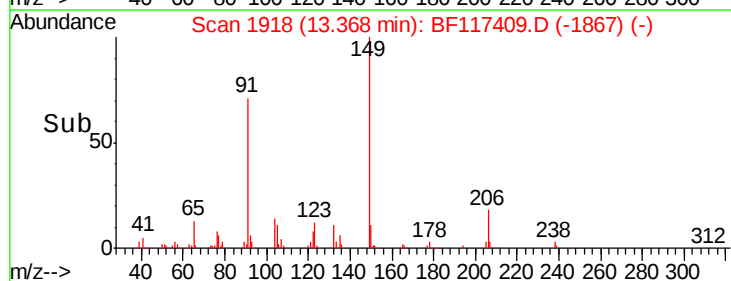
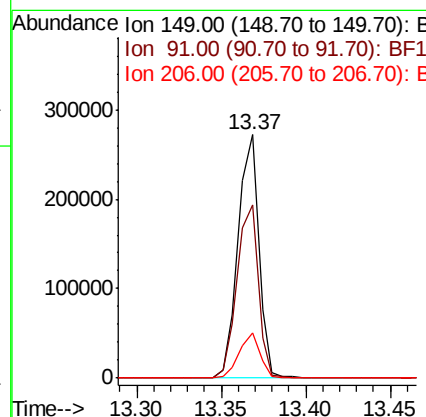
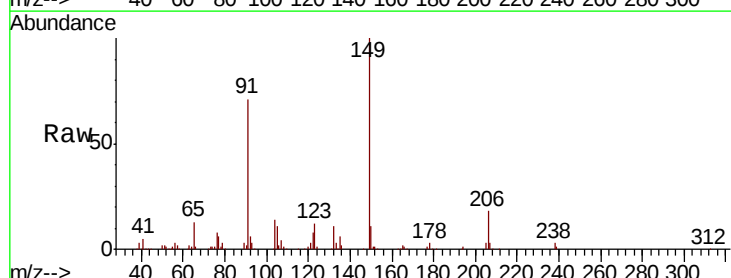
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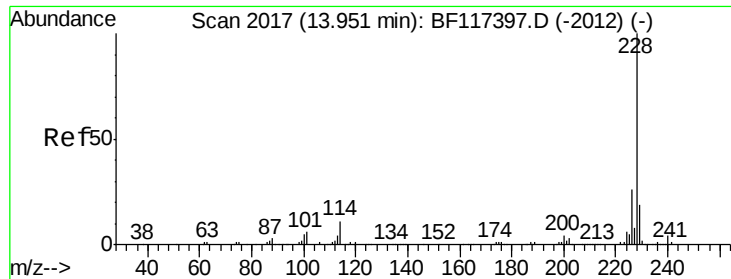
mohammad
 10/18/2019 8:26:25 AM



#80
 Butylbenzylphthalate
 Concen: 42.097 ng
 RT: 13.37 min Scan# 1918
 Delta R.T. 0.00 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.3	58.5	87.7
206	18.5	14.4	21.6





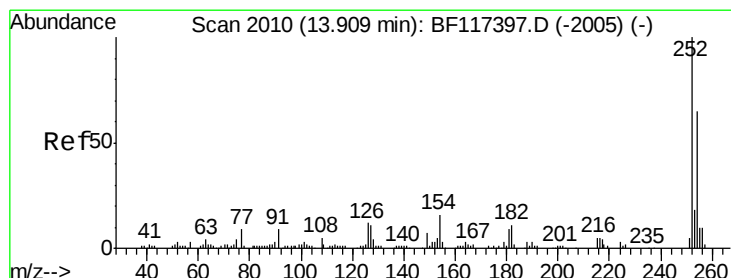
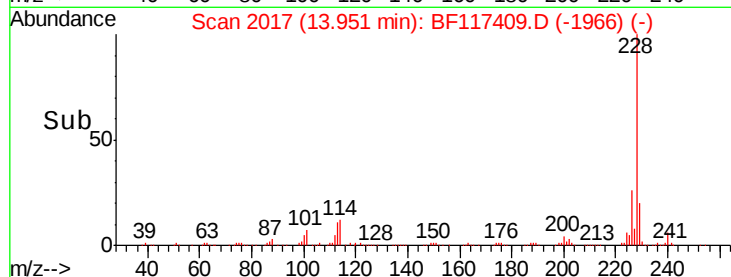
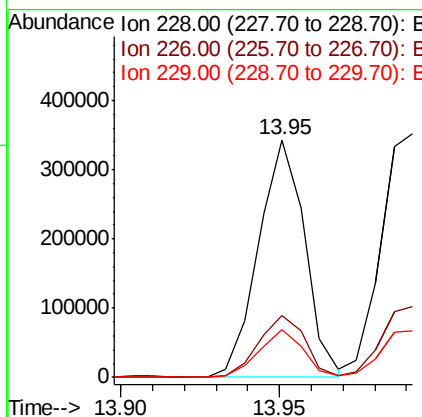
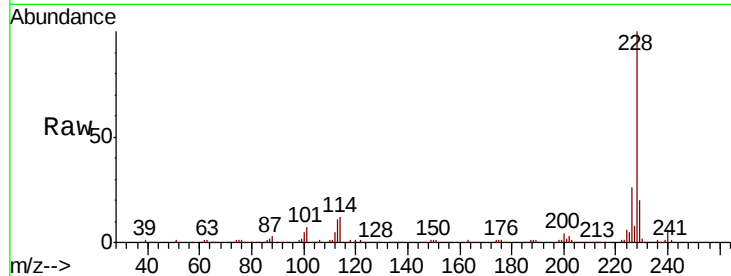
#81
Benzo(a)anthracene
Concen: 40.520 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.2	20.9	31.3
229	19.9	15.2	22.8

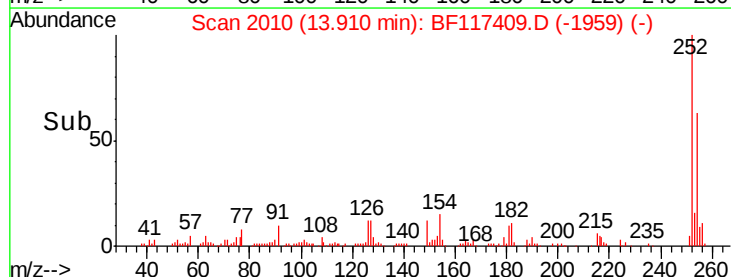
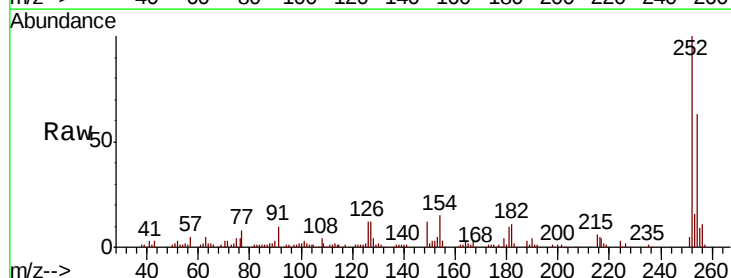
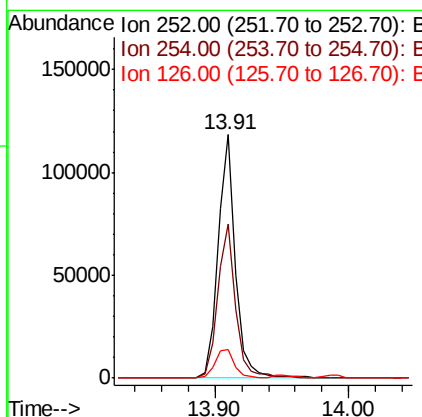
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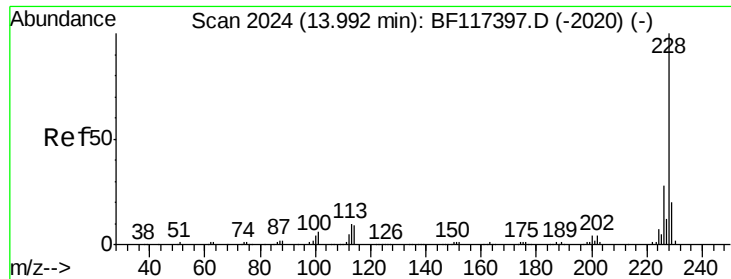
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 40.021 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.6	77.4
126	11.9	9.6	14.4





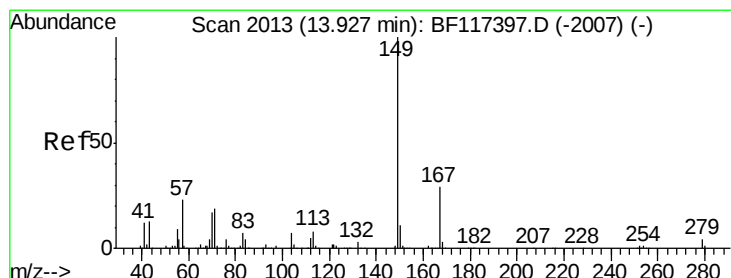
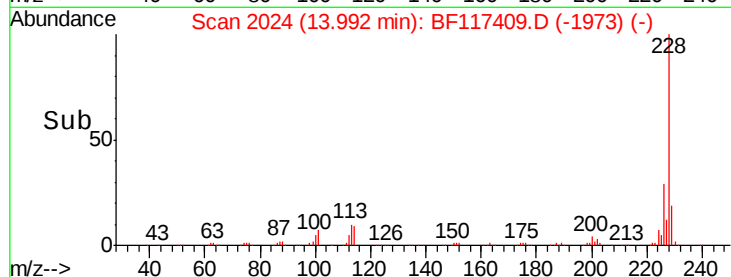
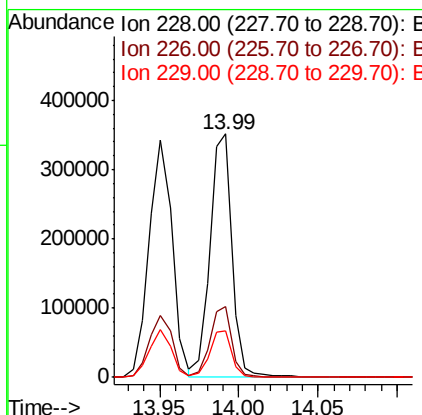
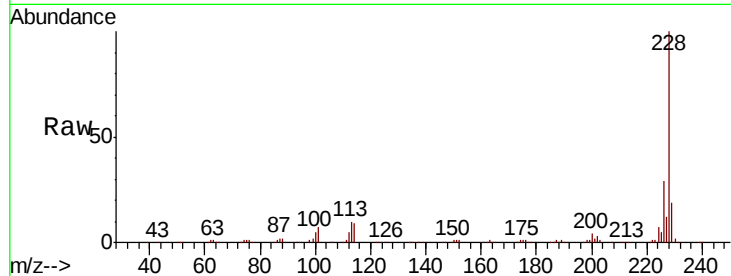
#83
Chrysene
Concen: 40.288 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.8	34.2
229	19.3	15.7	23.5

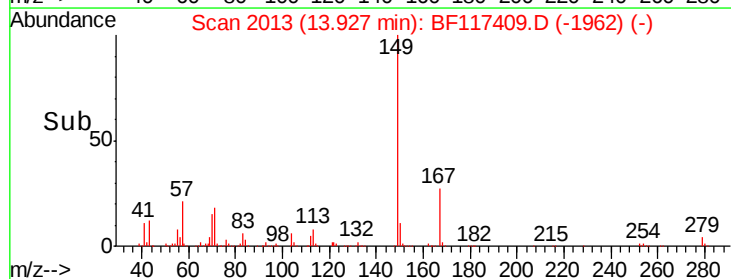
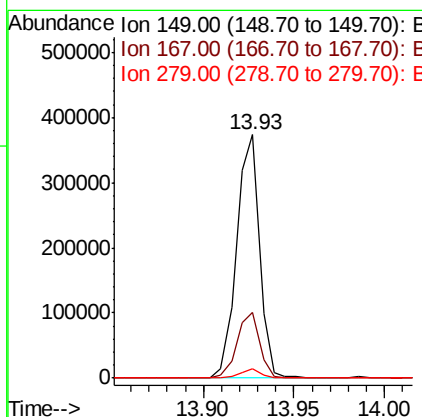
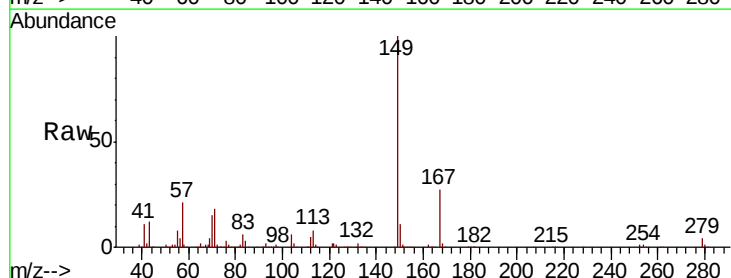
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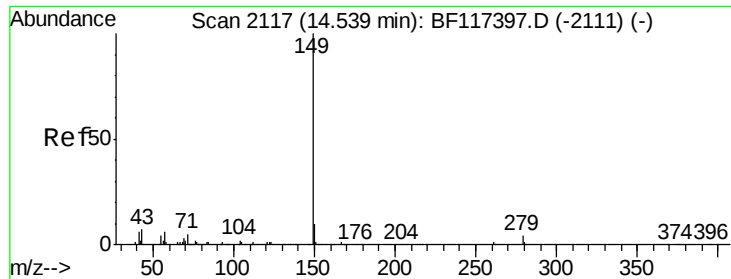
mohammad
10/18/2019 8:26:25 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.069 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	23.0	34.6
279	3.9	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 42.126 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:03

Instrument :

BNA_F

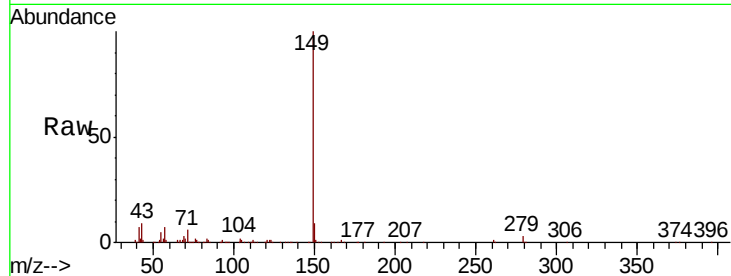
ClientSampleId :

SSTDCCC040

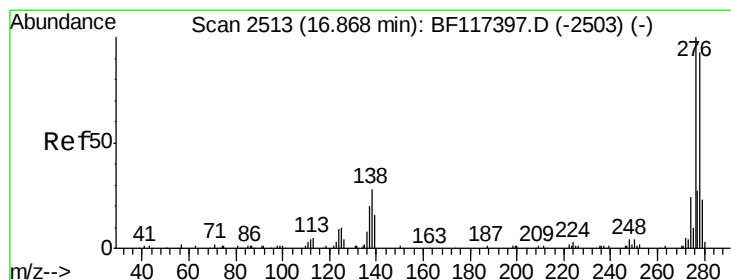
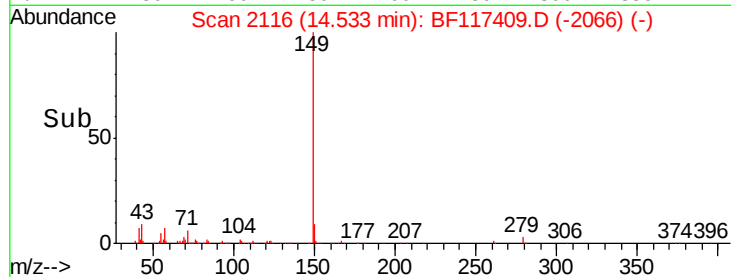
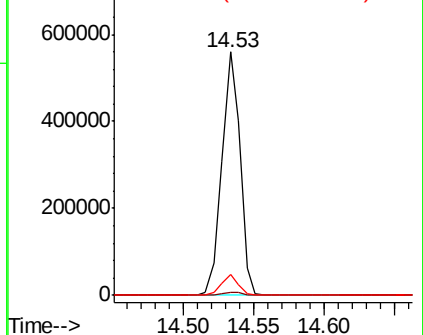
Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.1	1.7
43	8.2	6.6	9.8

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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: 39.639 ng

RT: 16.87 min Scan# 2513

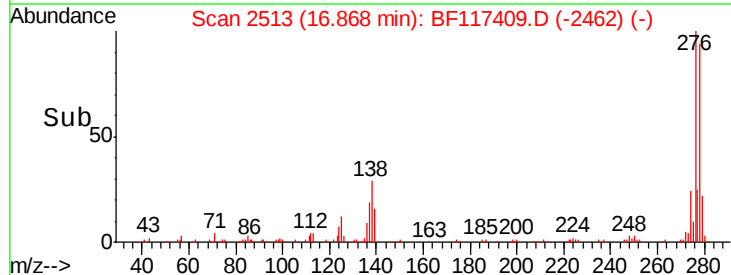
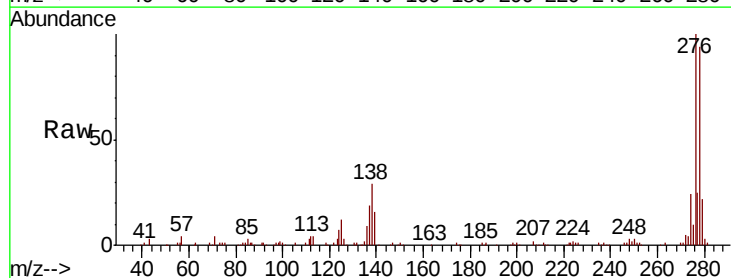
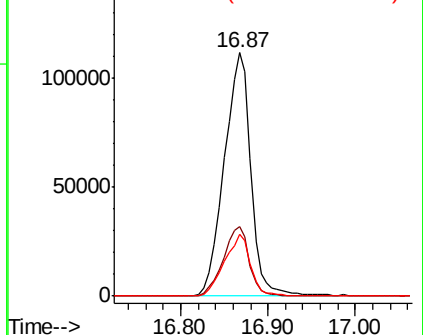
Delta R.T. 0.00 min

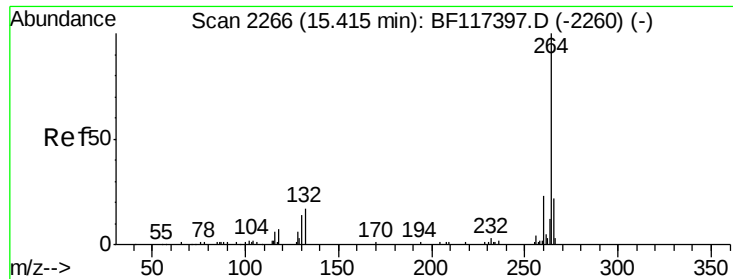
Lab File: BF117409.D

Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	27.6	21.5	32.3
277	24.8	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: BF117409.D

Acq: 16 Oct 2019 13:03

Instrument :

BNA_F

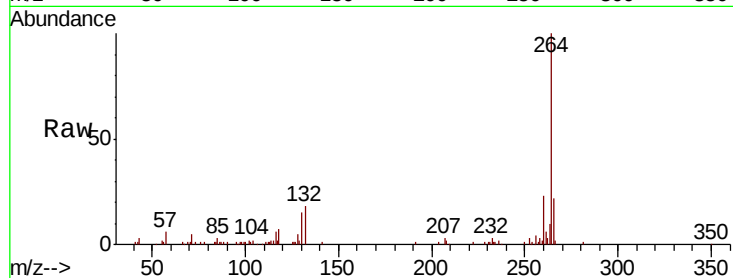
ClientSampleId :

SSTDCCC040

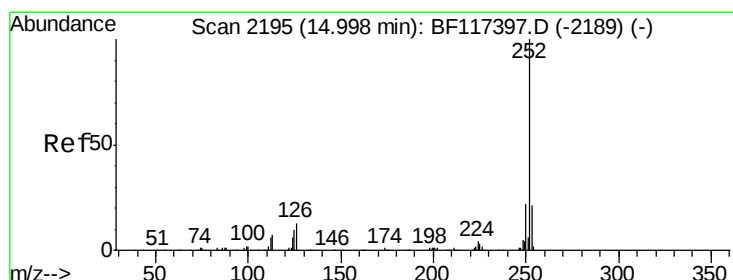
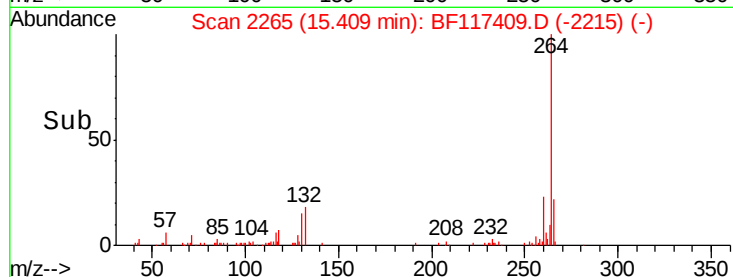
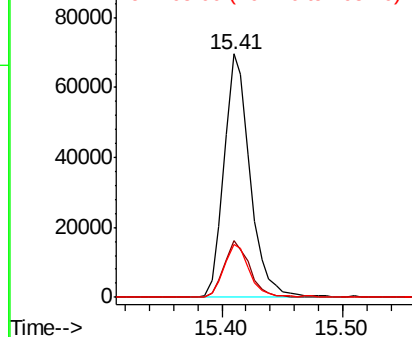
Tot Ion:	264	Resp:	103374
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.6	27.8
265	21.9	17.4	26.0

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



#88

Benzo(b)fluoranthene

Concen: 38.373 ng

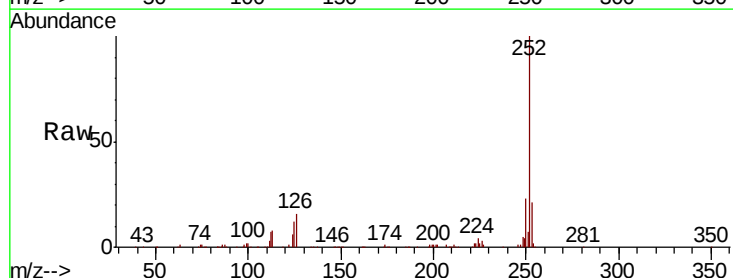
RT: 14.99 min Scan# 2194

Delta R.T. -0.01 min

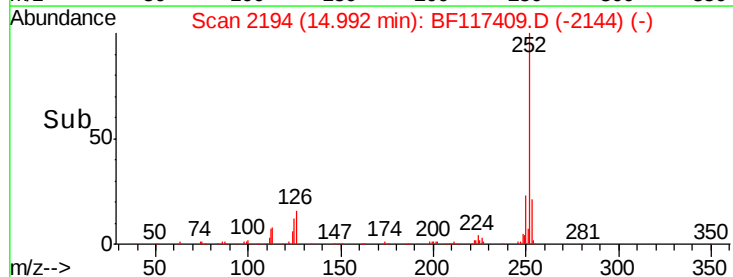
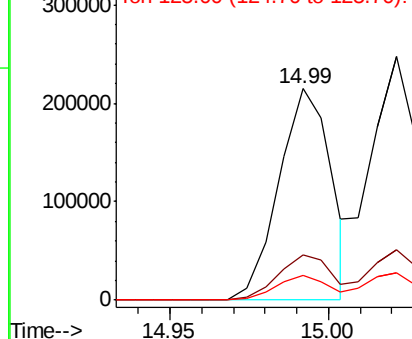
Lab File: BF117409.D

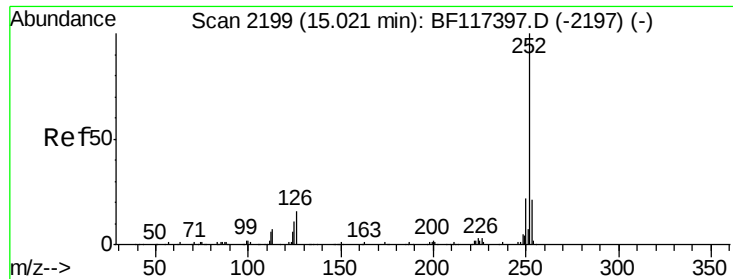
Acq: 16 Oct 2019 13:03

Tgt Ion:	252	Resp:	246949
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.2	25.8
125	11.9	8.2	12.2



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





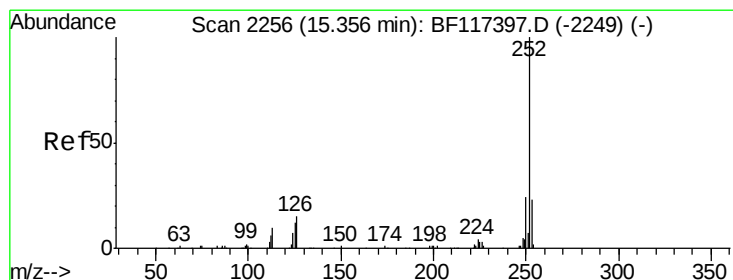
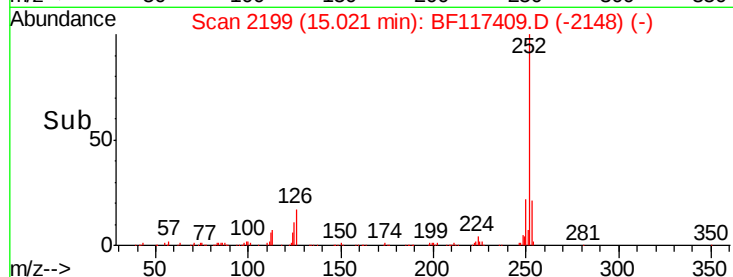
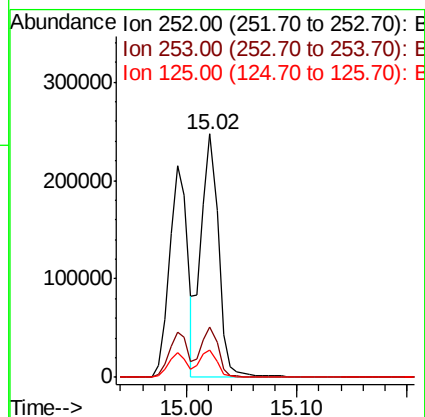
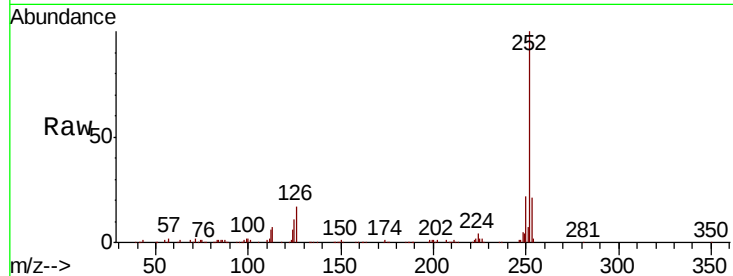
#89
Benzo(k)fluoranthene
Concen: 41.816 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.0	25.6
125	11.2	9.4	14.2

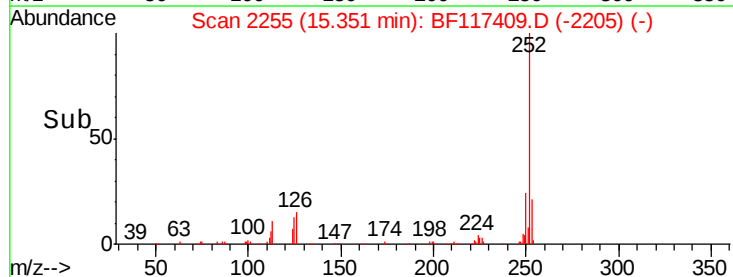
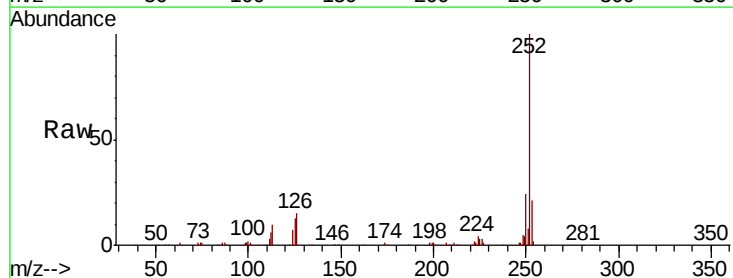
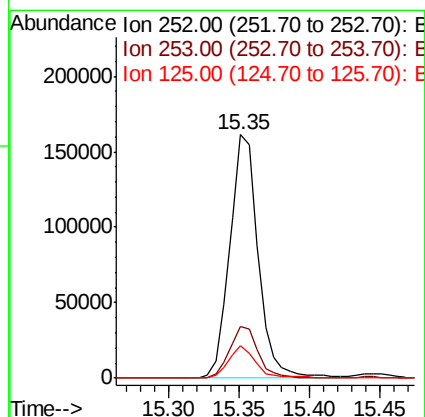
Manual Integrations
APPROVED

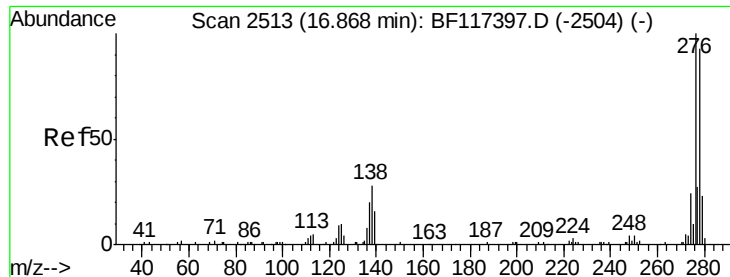
mohammad
10/18/2019 8:26:25 AM



#90
Benzo(a)pyrene
Concen: 39.741 ng
RT: 15.35 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.0	27.0
125	13.1	9.4	14.0





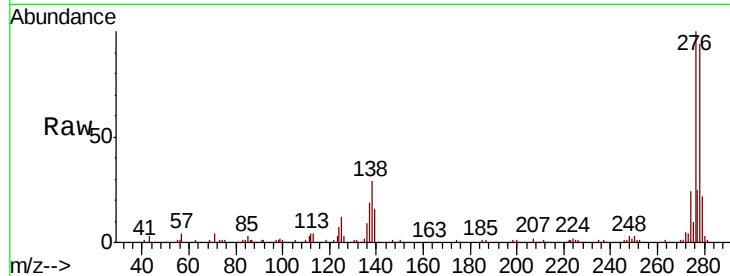
#91
Dibenzo(a,h)anthracene
Concen: 39.678 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

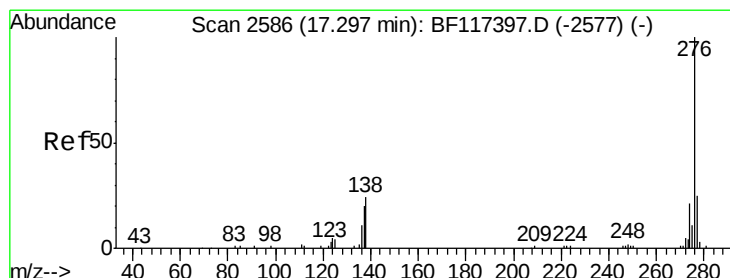
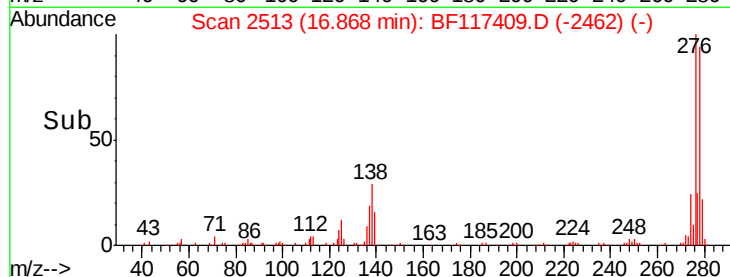
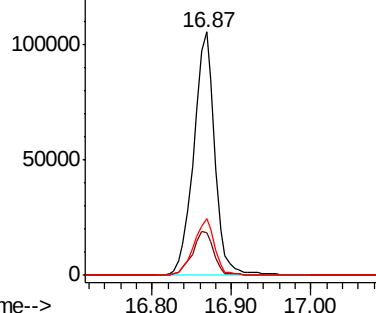
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.1	21.1
279	23.4	19.8	29.6

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:25 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.202 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.9	29.9
138	21.8	19.3	28.9

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

