

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
 Data File : BF117403.D
 Acq On : 14 Oct 2019 17:26
 Operator : JU
 Sample : PB123882BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123882BS

Manual Integrations
 APPROVED

mohammad
 10/16/2019 8:10:29 AM

Quant Time: Oct 15 02:09:23 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	51351	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	218896	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	114060	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	185456	20.00	ng	0.00
76) Chrysene-d12	13.96	240	128739	20.00	ng	0.00
87) Perylene-d12	15.42	264	90408	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	390897	117.12	ng	0.01
7) Phenol-d6	6.44	99	516678	116.68	ng	0.00
23) Nitrobenzene-d5	7.36	82	268956	62.28	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	110258	118.77	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	487359	62.29	ng	0.00
79) Terphenyl-d14	12.90	244	457199	57.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	56383	41.038	ng	99
3) Pyridine	3.38	79	131336	37.562	ng	97
4) n-Nitrosodimethylamine	3.32	42	53394	43.334	ng	# 83
6) Aniline	6.46	93	147863	26.730	ng	# 82
8) 2-Chlorophenol	6.58	128	157048	42.325	ng	93
9) Benzaldehyde	6.35	77	81614	36.429	ng	99
10) Phenol	6.45	94	198328	41.486	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	147773	40.657	ng	97
12) 1,3-Dichlorobenzene	6.73	146	162449	39.149	ng	98
13) 1,4-Dichlorobenzene	6.80	146	167054	39.494	ng	99
14) 1,2-Dichlorobenzene	6.96	146	156844	39.258	ng	98
15) Benzyl Alcohol	6.95	79	140973	41.611	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	145494	38.122	ng	74
17) 2-Methylphenol	7.06	107	134444	43.403	ng	94
18) Hexachloroethane	7.30	117	62074	37.745	ng	92
19) n-Nitroso-di-n-propylamine	7.20	70	118700	42.041	ng	96
20) 3+4-Methylphenols	7.21	107	175809	44.079	ng	# 87
22) Acetophenone	7.20	105	231016	40.219	ng	98
24) Nitrobenzene	7.37	77	176297	40.756	ng	98
25) Isophorone	7.62	82	319874	41.583	ng	98
26) 2-Nitrophenol	7.69	139	83902	43.717	ng	95
27) 2,4-Dimethylphenol	7.73	122	136926	46.943	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	190418	39.930	ng	100
29) 2,4-Dichlorophenol	7.94	162	129788	43.123	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	128296	39.542	ng	99
31) Naphthalene	8.09	128	453109	41.449	ng	99
32) Benzoic acid	7.90	122	81522	42.246	ng	90
33) 4-Chloroaniline	8.15	127	123528	26.608	ng	99
34) Hexachlorobutadiene	8.21	225	68566	36.898	ng	98
35) Caprolactam	8.53	113	46229m	49.049	ng	
36) 4-Chloro-3-methylphenol	8.65	107	148403	43.333	ng	97
37) 2-Methylnaphthalene	8.79	142	315744	42.773	ng	98
38) 1-Methylnaphthalene	8.89	142	298321	42.893	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	118331	38.548	ng	98

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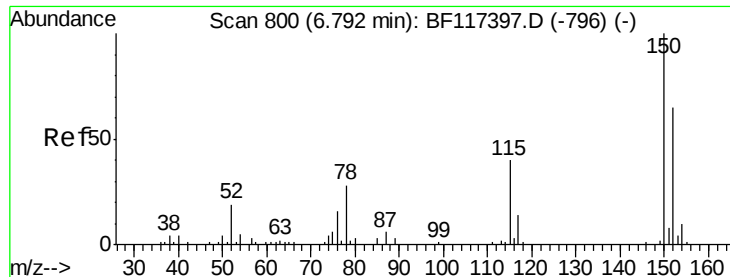
Manual Integrations
 APPROVED

mohammad
 10/16/2019 8:10:29 AM

Quant Time: Oct 15 02:09:23 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)
41) Hexachlorocyclopentadiene	8.94	237	54410	94.918	nq	92
43) 2,4,6-Trichlorophenol	9.07	196	80629	41.504	nq	98
44) 2,4,5-Trichlorophenol	9.12	196	89451	45.141	nq	94
46) 1,1'-Biphenyl	9.25	154	367939	39.487	nq	97
47) 2-Chloronaphthalene	9.27	162	289542	39.861	nq	99
48) 2-Nitroaniline	9.38	65	93047	40.148	nq	98
49) Acenaphthylene	9.69	152	443894	41.686	nq	98
50) Dimethylphthalate	9.55	163	328793	40.138	nq	99
51) 2,6-Dinitrotoluene	9.62	165	71621	41.597	nq	99
52) Acenaphthene	9.86	154	261132	40.357	nq	99
53) 3-Nitroaniline	9.79	138	53108	25.259	nq	93
54) 2,4-Dinitrophenol	9.92	184	60296	81.660	nq	95
55) Dibenzofuran	10.03	168	397029	42.063	nq	99
56) 4-Nitrophenol	9.97	139	78933	83.029	nq	85
57) 2,4-Dinitrotoluene	10.03	165	94851	41.750	nq	97
58) Fluorene	10.38	166	321471	40.904	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	65351	42.660	nq	98
60) Diethylphthalate	10.25	149	328084	39.734	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	142285	40.892	nq	98
62) 4-Nitroaniline	10.42	138	70446	35.247	nq	98
63) Azobenzene	10.53	77	348174	41.095	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	45237	45.933	nq	94
66) n-Nitrosodiphenylamine	10.49	169	279953	40.408	nq	97
67) 4-Bromophenyl-phenylether	10.86	248	78544	38.613	nq	96
68) Hexachlorobenzene	10.93	284	83498	38.222	nq	93
69) Atrazine	11.02	200	80435	71.599	nq	98
70) Pentachlorophenol	11.13	266	64312	98.405	nq	92
71) Phenanthrene	11.35	178	440237	40.156	nq	98
72) Anthracene	11.39	178	463221	40.930	nq	100
73) Carbazole	11.55	167	419835	40.839	nq	100
74) Di-n-butylphthalate	11.87	149	516162	37.079	nq	99
75) Fluoranthene	12.53	202	440221	40.383	nq	99
77) Benzdine	12.65	184	118159	37.110	nq	99
78) Pyrene	12.76	202	446799	39.263	nq	98
80) Butylbenzylphthalate	13.37	149	204759	35.783	nq	98
81) Benzo(a)anthracene	13.95	228	351420	39.784	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	96993	34.729	nq	99
83) Chrysene	13.99	228	341027	39.149	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	283817	35.177	nq	99
85) Di-n-octyl phthalate	14.54	149	472577	38.473	nq	100
86) Indeno(1,2,3-cd)pyrene	16.87	276	226938	37.258	nq	99
88) Benzo(b)fluoranthene	15.00	252	281917	50.089	nq	100
89) Benzo(k)fluoranthene	15.03	252	286594	51.238	nq	99
90) Benzo(a)pyrene	15.36	252	245645	49.287	nq	97
91) Dibenzo(a,h)anthracene	16.87	278	196974	46.122	nq	97
92) Benzo(g,h,i)perylene	17.30	276	185272	45.575	nq	98

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



#1

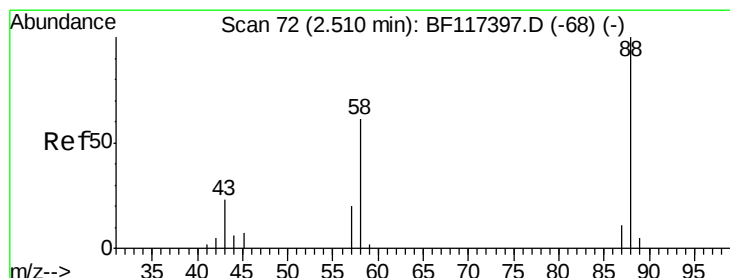
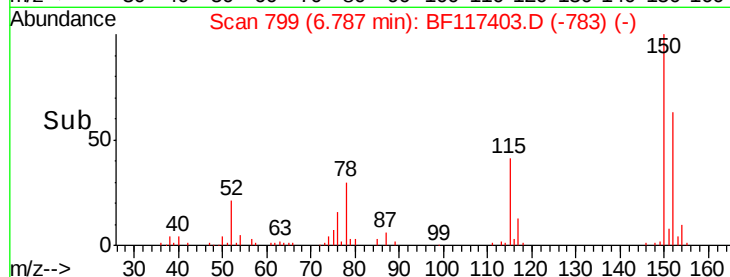
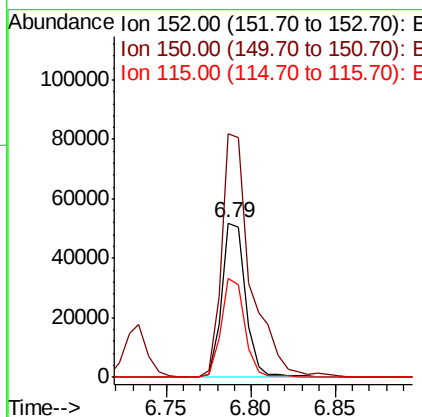
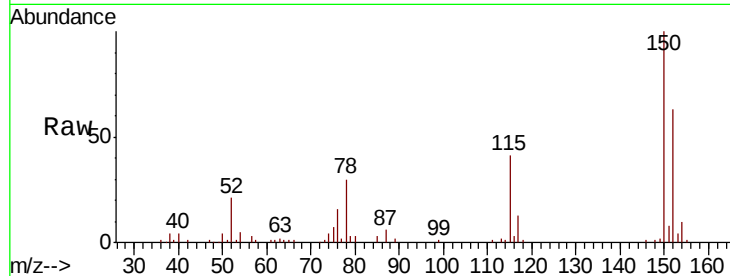
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	122.7	184.1
115	64.4	48.6	73.0

Manual Integrations
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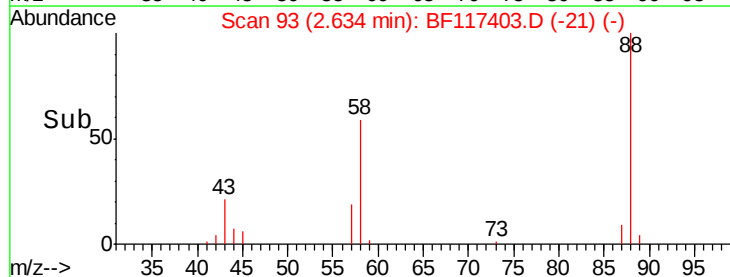
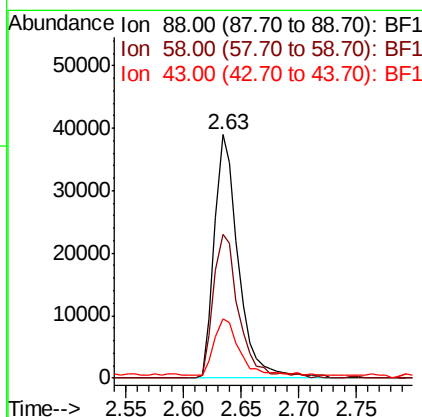
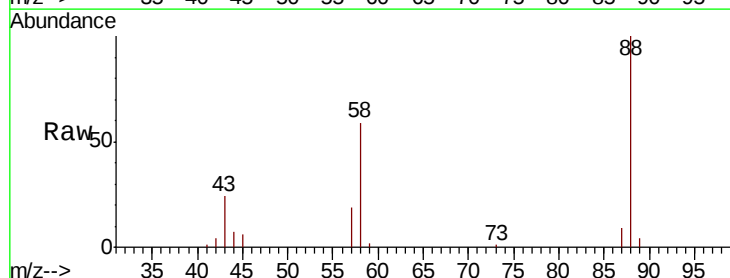
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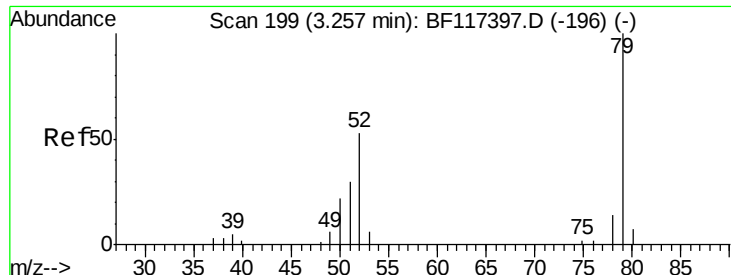


#2

1,4-Dioxane
Concen: 41.038 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.12 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.8	49.4	74.2
43	23.1	18.1	27.1





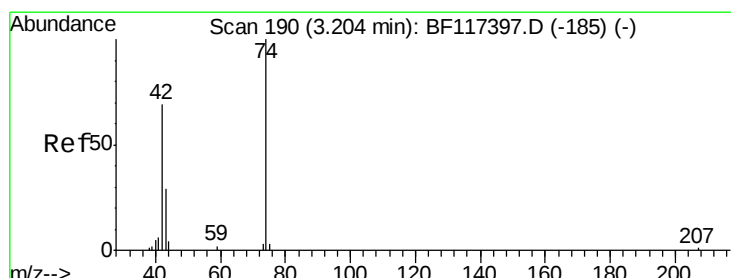
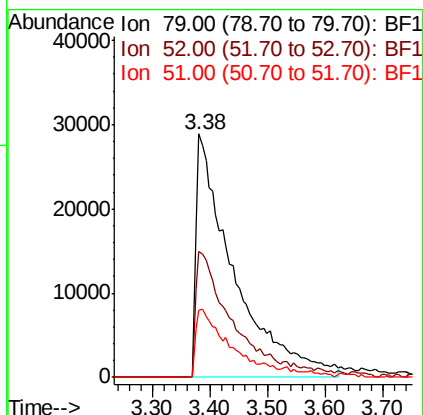
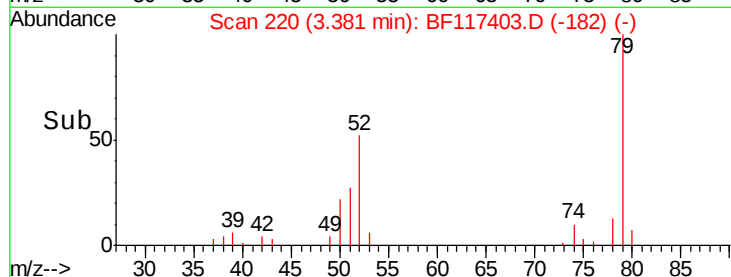
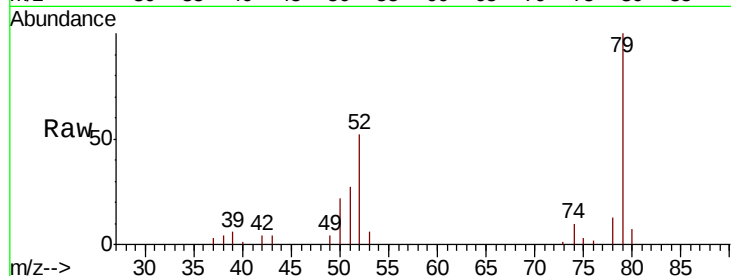
#3
Pvridine
Concen: 37.562 ng
RT: 3.38 min Scan# 220
Delta R.T. 0.12 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	51.8	42.7	64.1
51	27.2	23.8	35.8

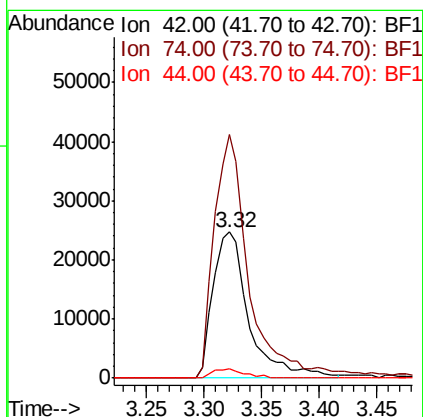
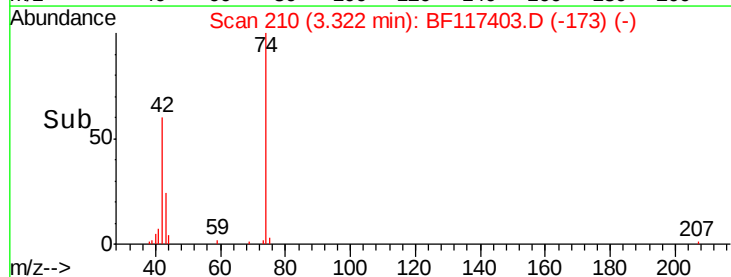
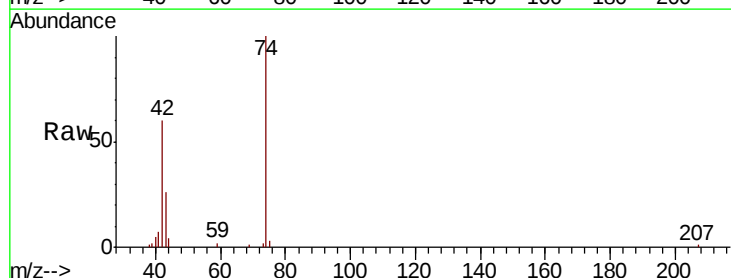
Manual Integrations
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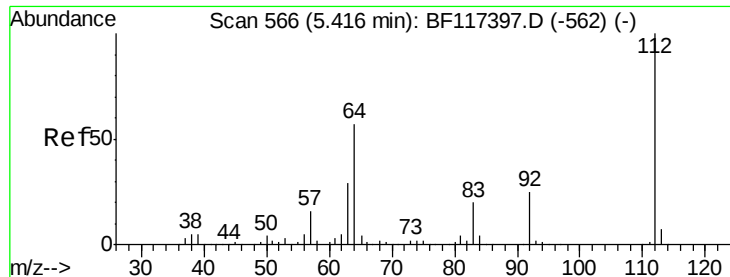
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#4
n-Nitrosodimethylamine
Concen: 43.334 ng
RT: 3.32 min Scan# 210
Delta R.T. 0.12 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	166.6	116.2	174.4
44	6.5	4.2	6.4#





#5

2-Fluorophenol

Concen: 117.124 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

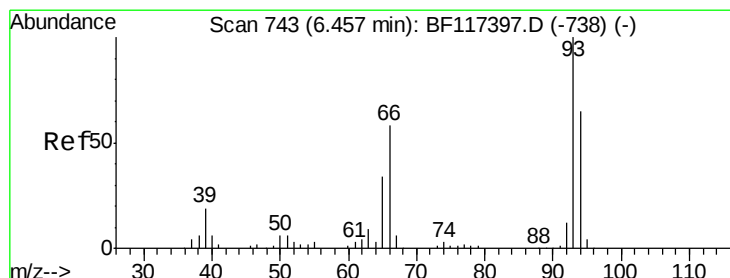
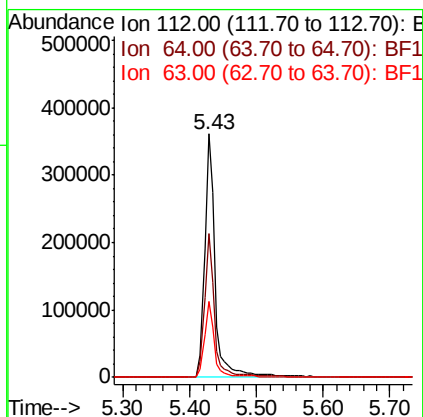
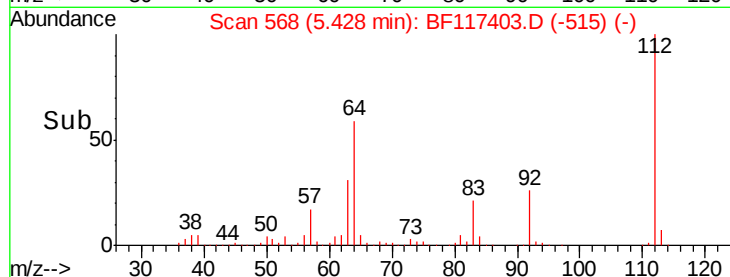
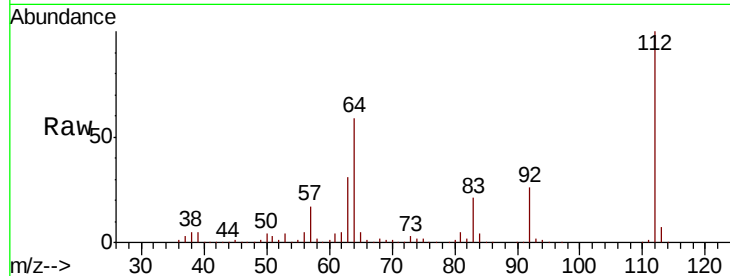
ClientSampleId :

PB123882BS

Tot Ion:	112	Resp:	390897
Ion Ratio	Lower	Upper	
112	100		
64	59.3	45.2	67.8
63	31.5	23.4	35.2

Manual Integrations
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#6

Aniline

Concen: 26.730 ng

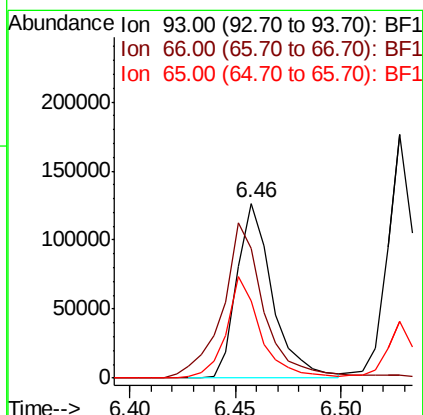
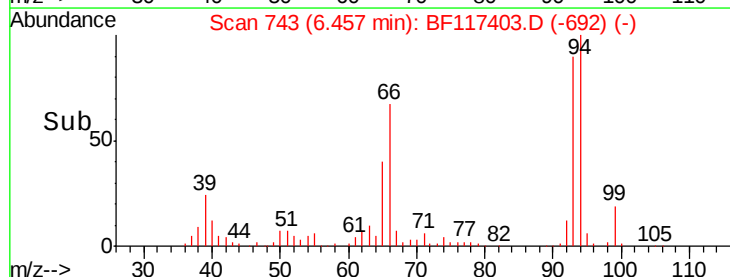
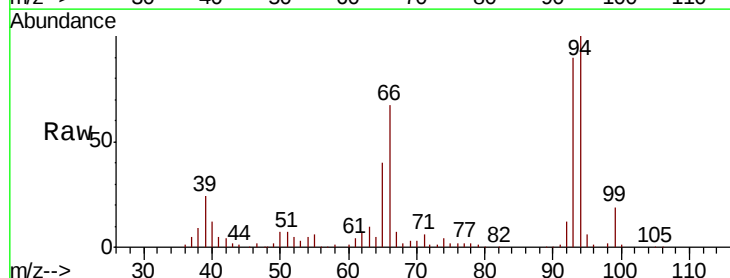
RT: 6.46 min Scan# 743

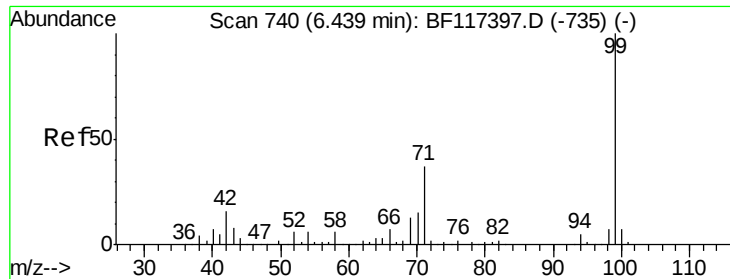
Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Tgt Ion:	93	Resp:	147863
Ion Ratio	Lower	Upper	
93	100		
66	74.2	48.4	72.6#
65	44.5	27.8	41.6#





#7

Phenol-d6

Concen: 116.680 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

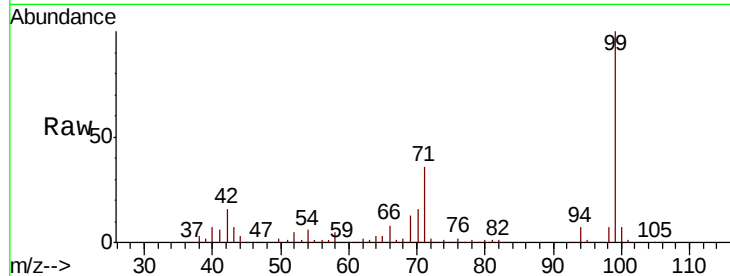
ClientSampleId :

PB123882BS

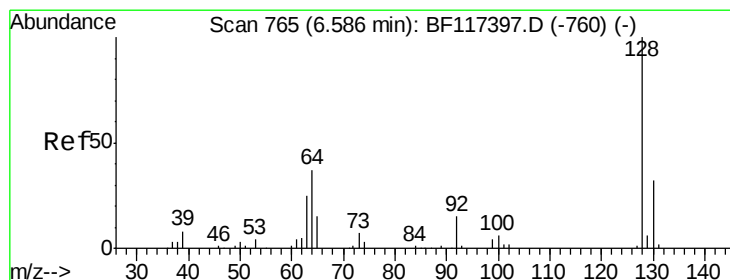
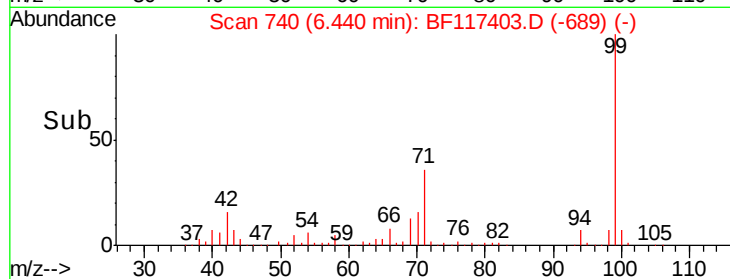
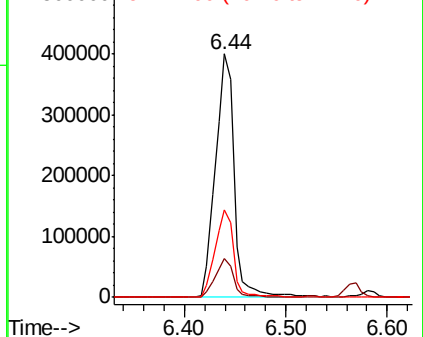
Tot Ion:	99	Resp:	516678
Ion Ratio	Lower	Upper	
99	100		
42	15.8	12.5	18.7
71	35.7	29.2	43.8

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



#8

2-Chlorophenol

Concen: 42.325 ng

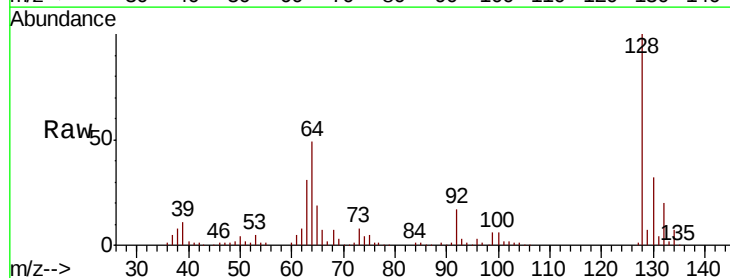
RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

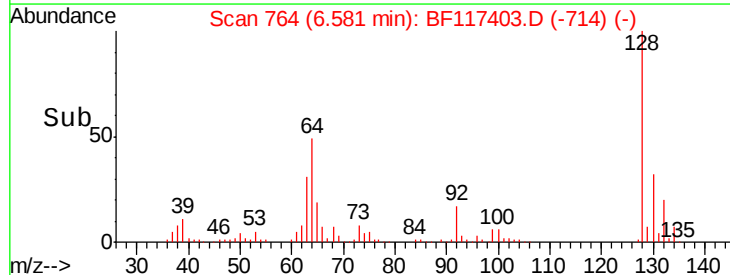
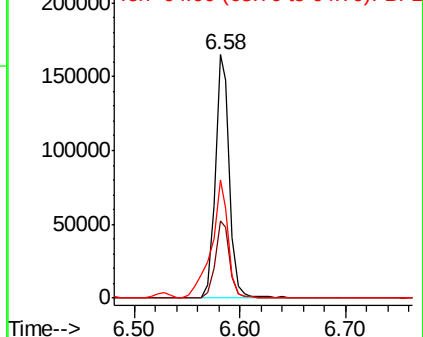
Lab File: BF117403.D

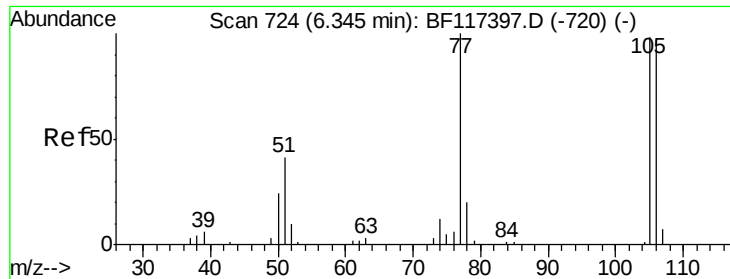
Acq: 14 Oct 2019 17:26

Tgt Ion:	128	Resp:	157048
Ion Ratio	Lower	Upper	
128	100		
130	31.8	11.7	51.7
64	48.6	20.4	60.4



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





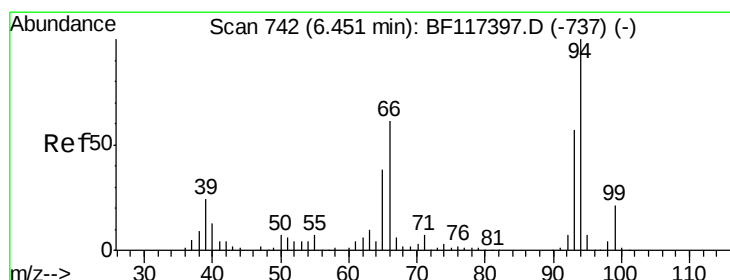
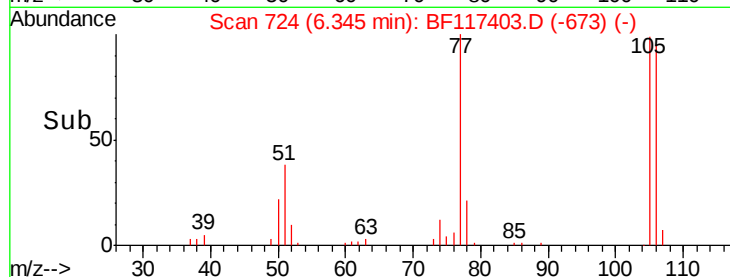
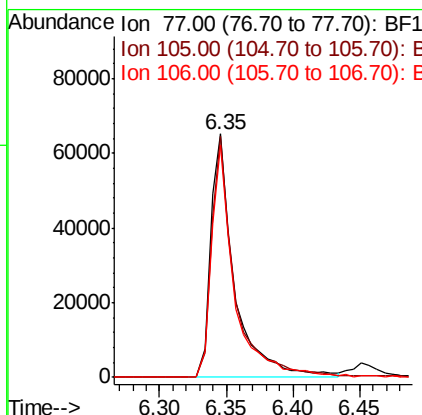
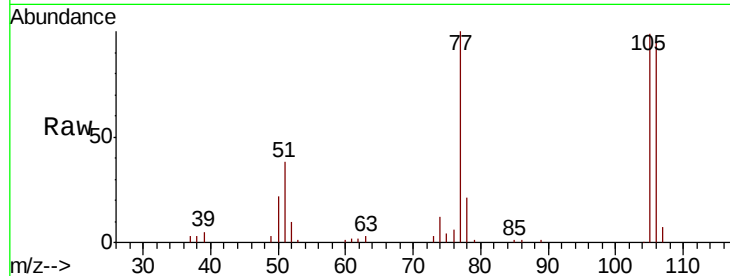
#9
Benzaldehyde
Concen: 36.429 ng
RT: 6.35 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.0	77.9	117.9
106	95.5	77.2	117.2

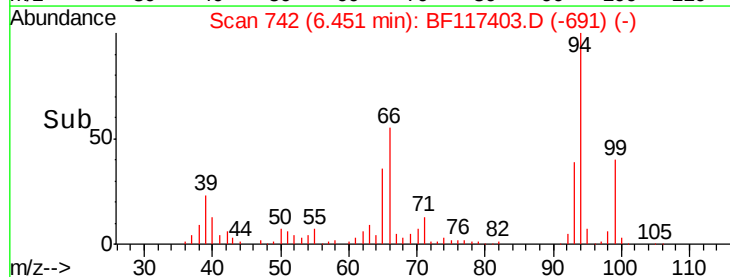
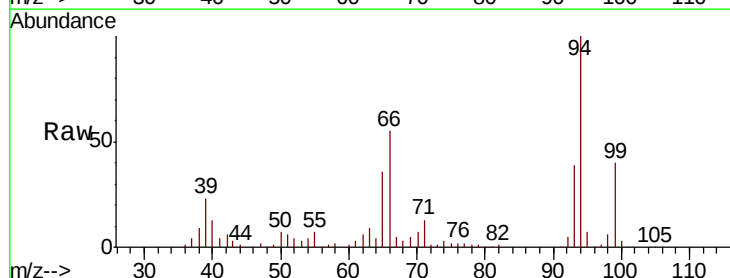
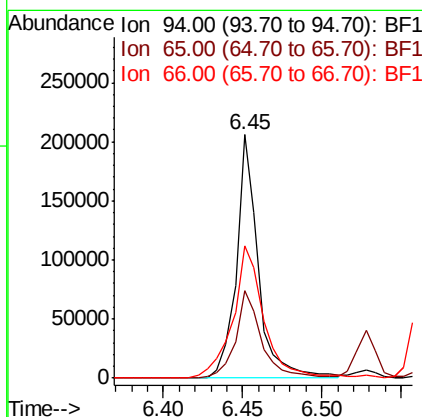
Manual Integrations
APPROVED

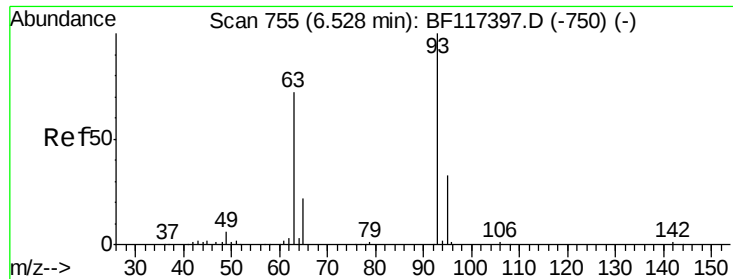
mohammad
10/16/2019 8:10:29 AM



#10
Phenol
Concen: 41.486 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.8	18.2	58.2
66	54.6	41.1	81.1





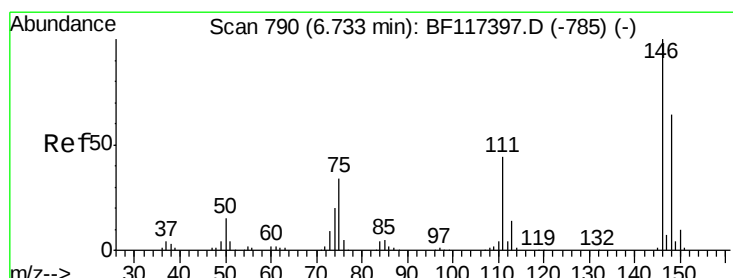
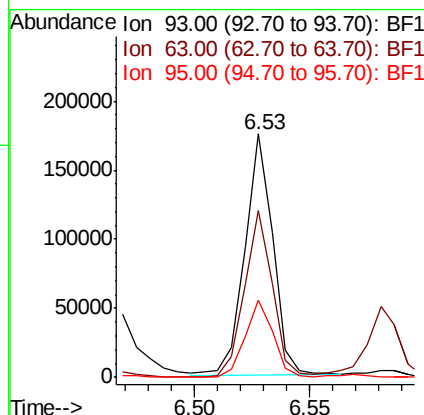
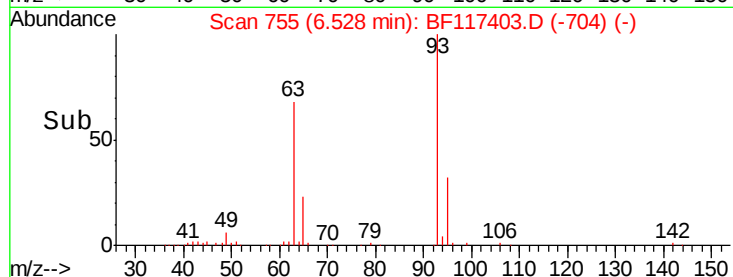
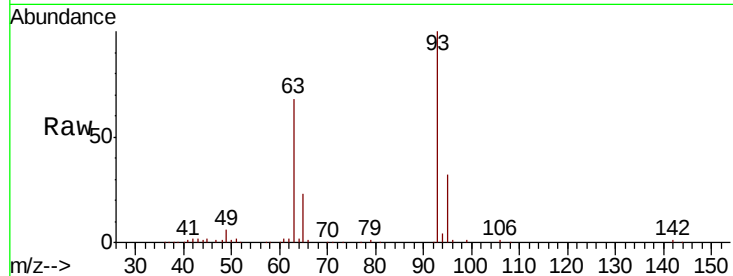
#11
bis(2-Chloroethyl)ether
Concen: 40.657 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion:	93	Resp:	147773
Ion Ratio	Lower	Upper	
93	100		
63	68.3	50.9	90.9
95	31.7	12.4	52.4

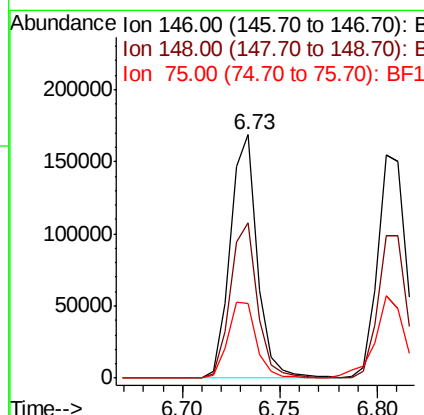
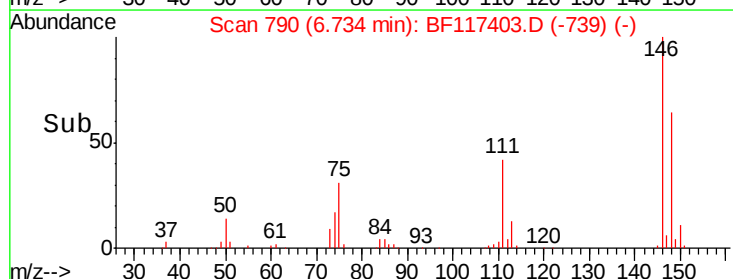
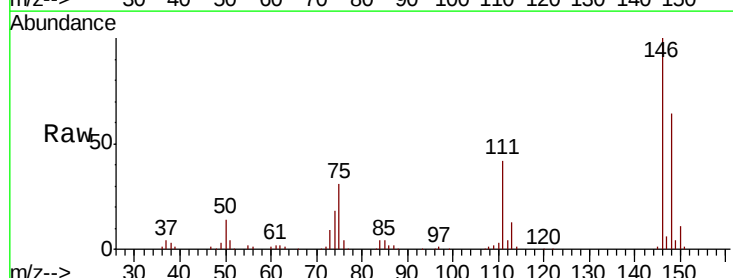
Manual Integrations
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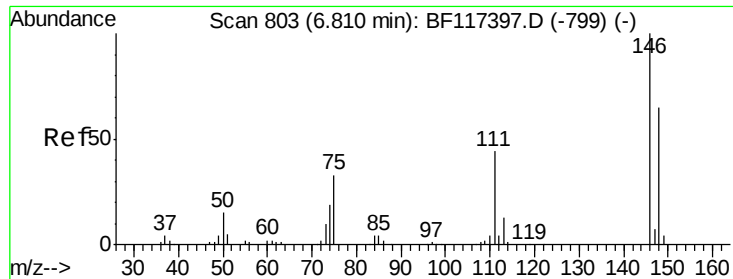
mohammad
10/16/2019 8:10:29 AM



#12
1,3-Dichlorobenzene
Concen: 39.149 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion:	146	Resp:	162449
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.0	76.6
75	30.8	27.4	41.2





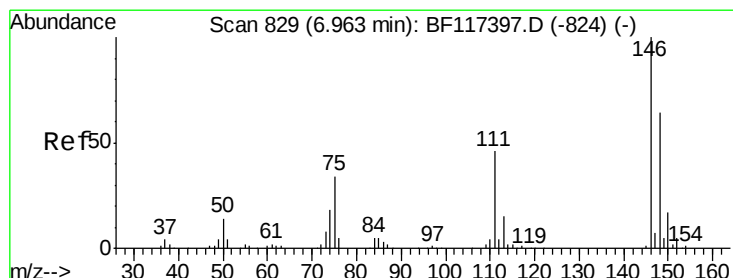
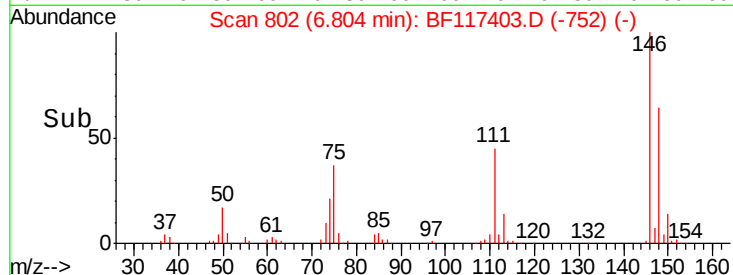
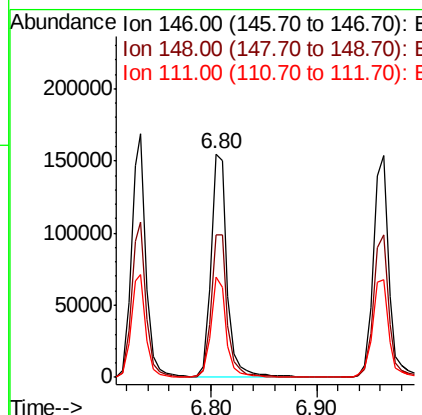
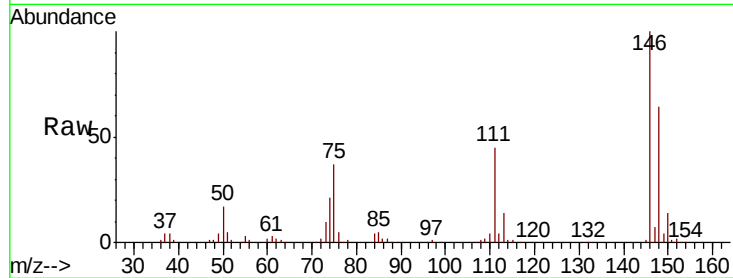
#13
 1,4-Dichlorobenzene
 Concen: 39.494 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB123882BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.2
111	44.9	35.7	53.5

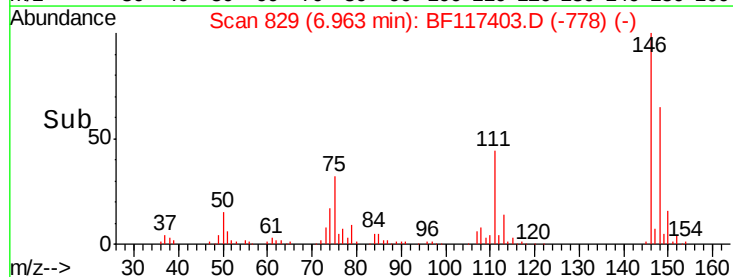
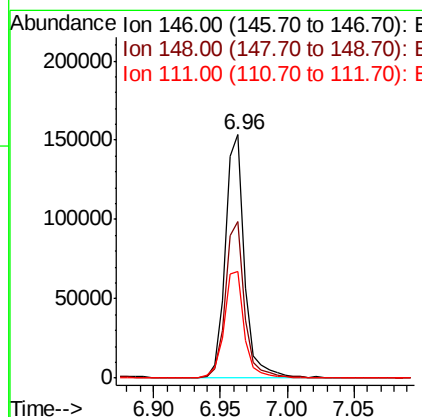
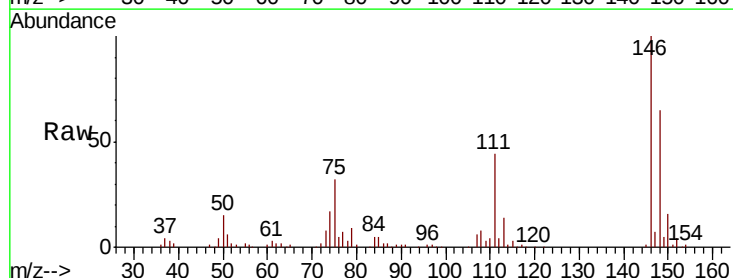
Manual Integrations
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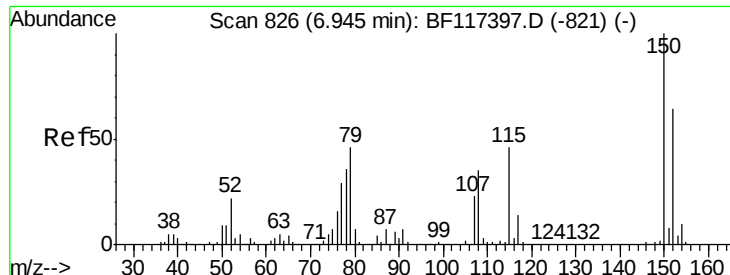
mohammad
 10/16/2019 8:10:29 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.258 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.6
111	44.0	36.5	54.7





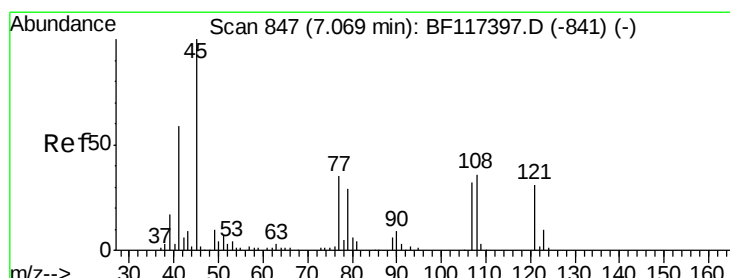
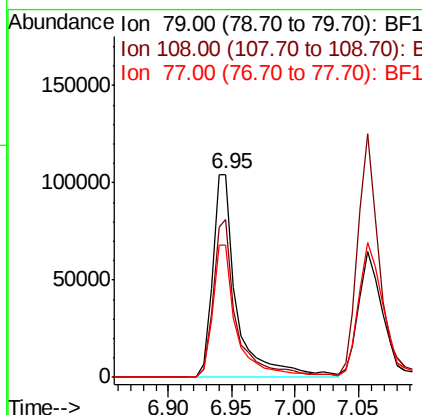
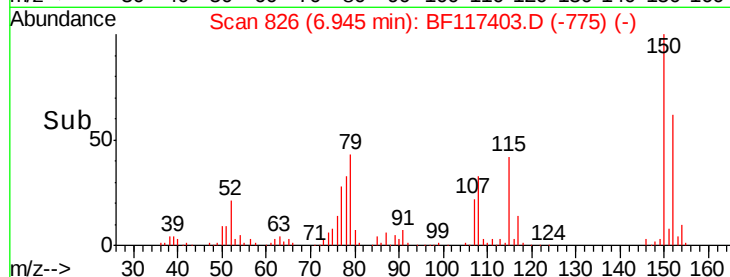
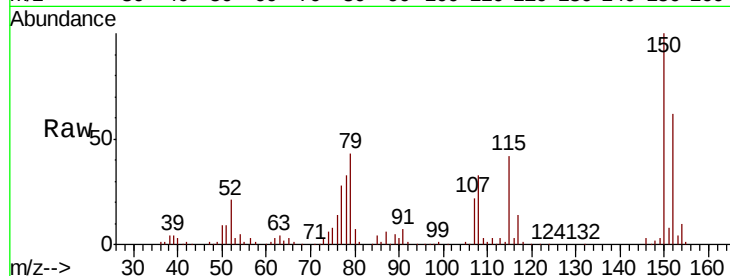
#15
Benzyl Alcohol
Concen: 41.611 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.8	60.4	90.6
77	65.4	50.6	76.0

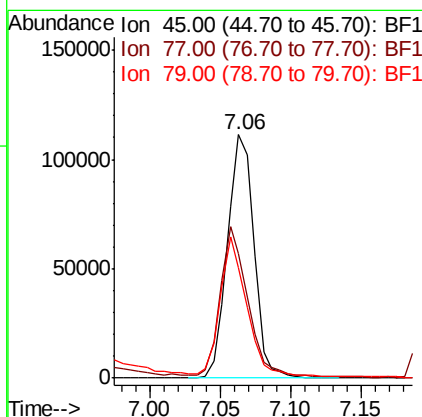
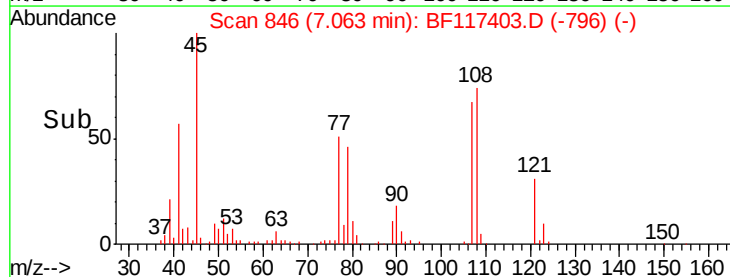
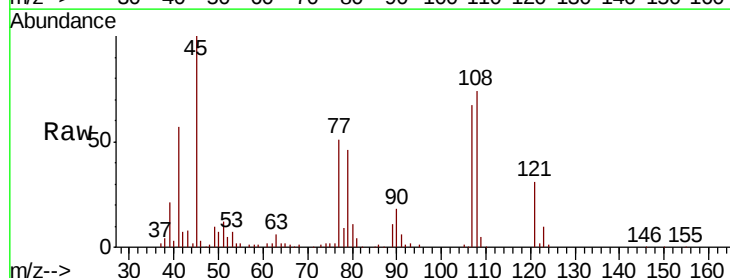
Manual Integrations
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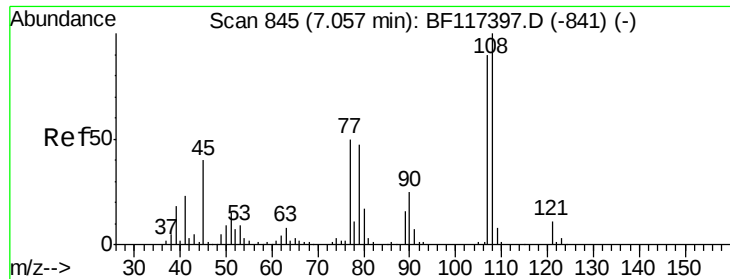
mohammad
10/16/2019 8:10:29 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.122 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	51.0	15.9	55.9
79	45.6	10.7	50.7





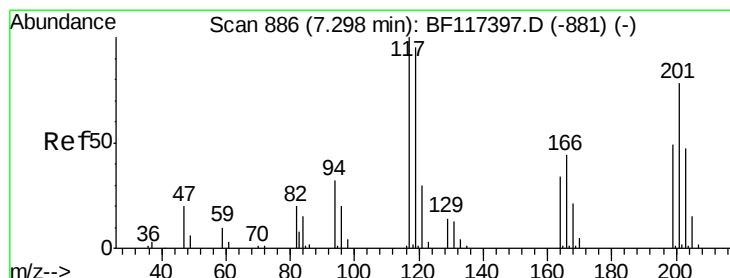
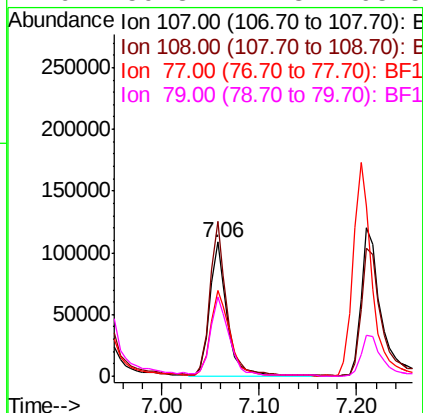
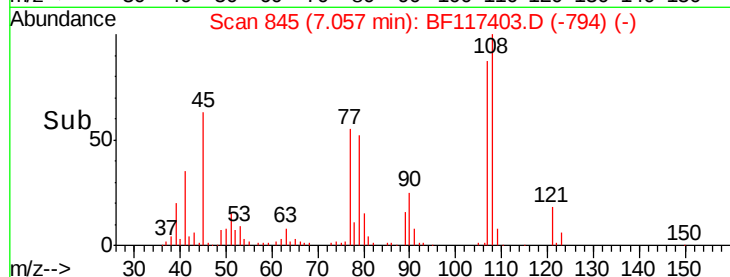
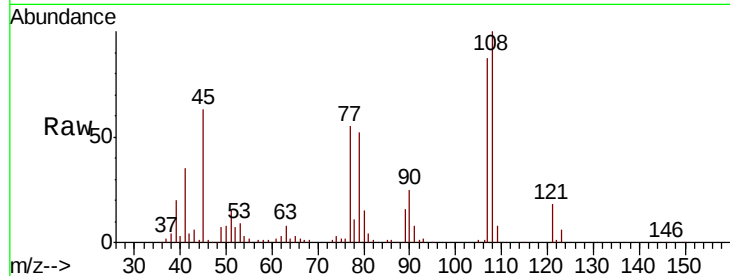
#17
2-Methylphenol
Concen: 43.403 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.1	89.4	134.2
77	63.6	45.1	67.7
79	59.3	42.3	63.5

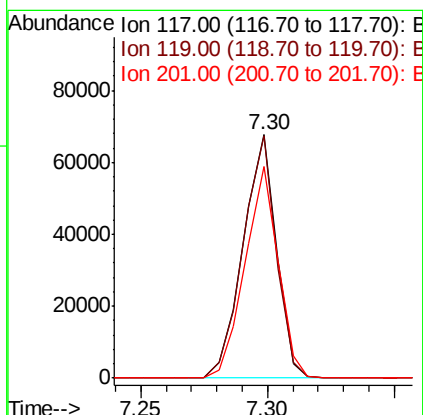
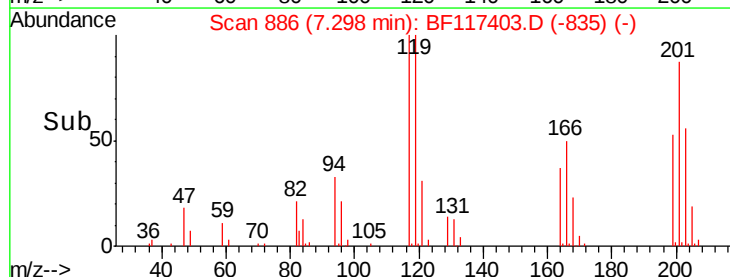
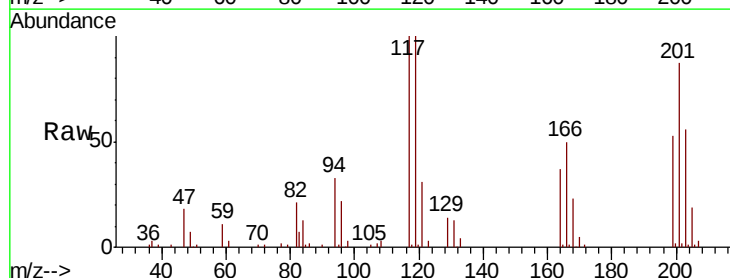
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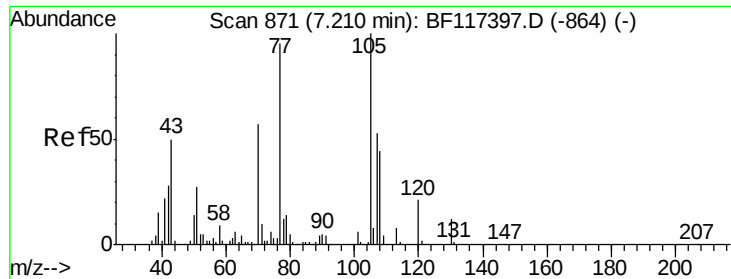
mohammad
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#18
Hexachloroethane
Concen: 37.745 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.7	75.7	113.5
201	86.9	62.2	93.4





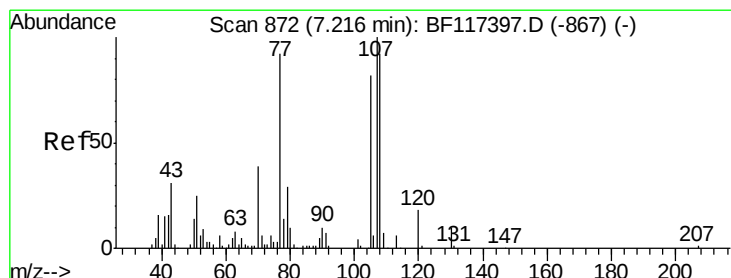
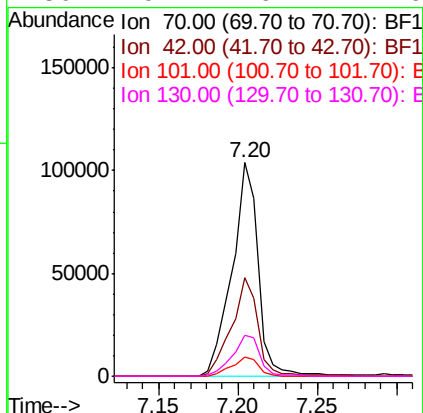
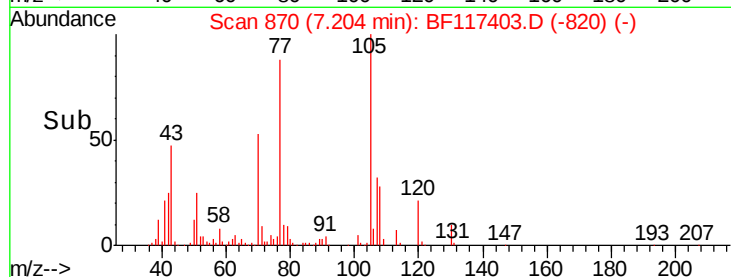
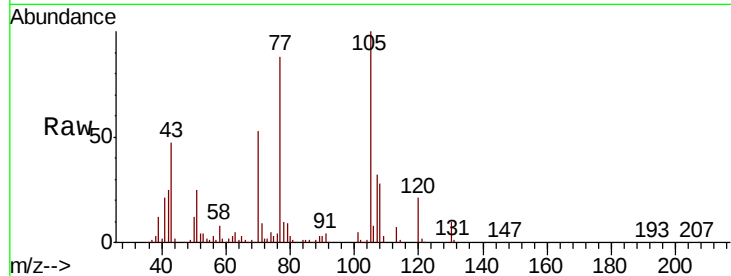
#19
n-Nitroso-di-n-propylamine
Concen: 42.041 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	46.4	39.8	59.8	
101	8.8	8.1	12.1	
130	19.4	16.4	24.6	

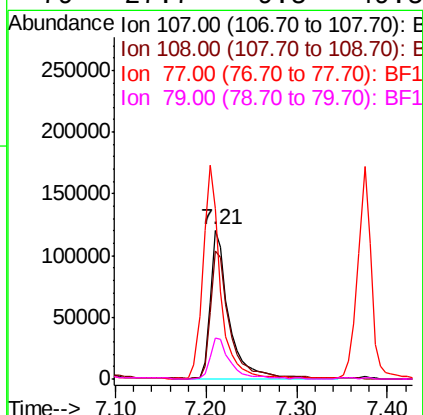
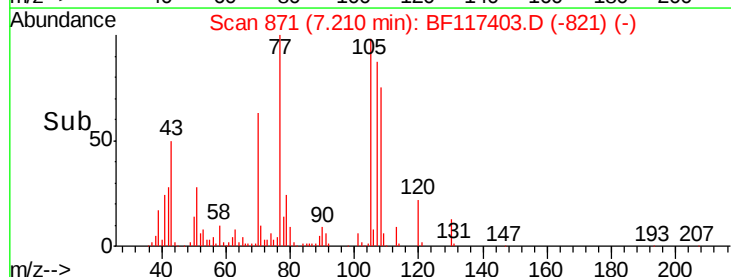
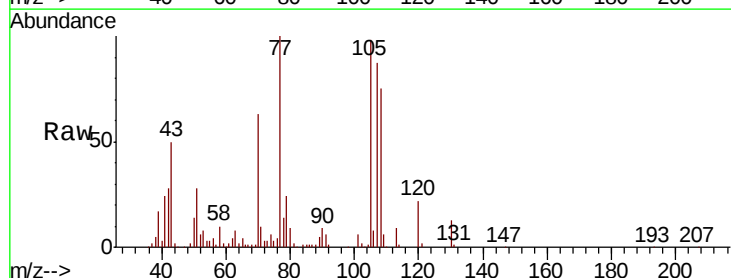
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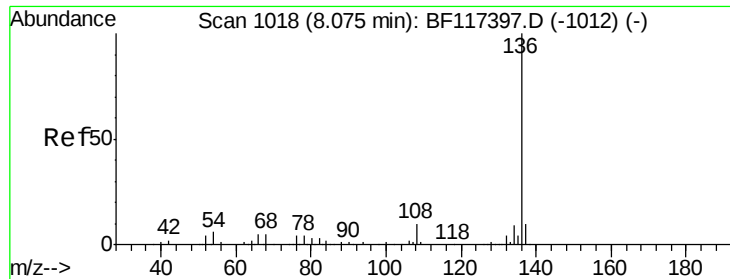
mohammad
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#20
3+4-Methylphenols
Concen: 44.079 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.9	71.8	111.8	
77	114.6	72.7	112.7#	
79	27.7	9.5	49.5	





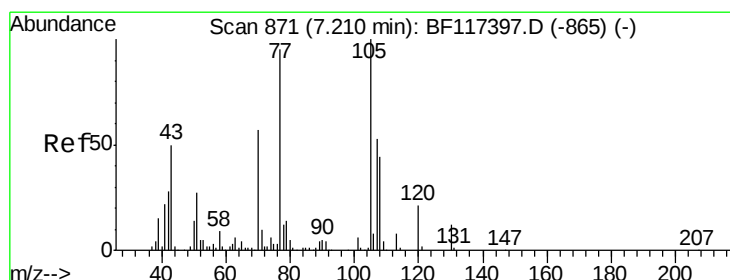
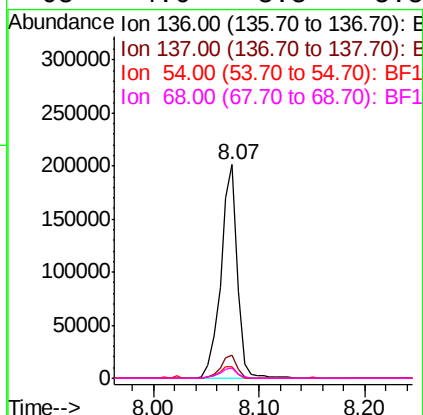
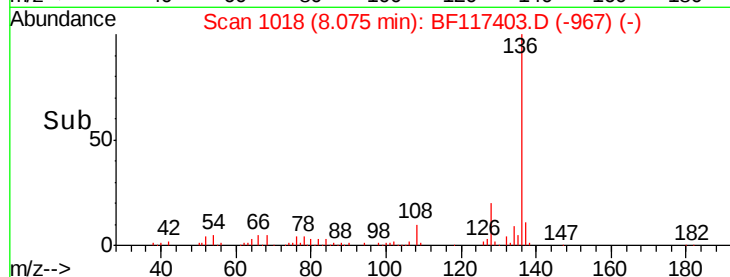
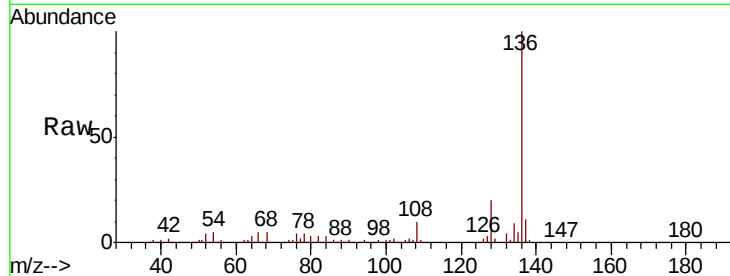
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	218896		
137	10.7		8.4	12.6
54	5.5		4.6	6.8
68	4.6		3.8	5.8

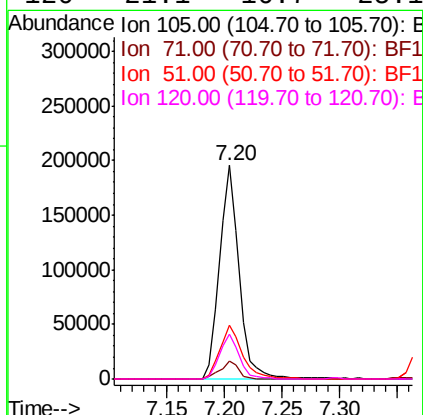
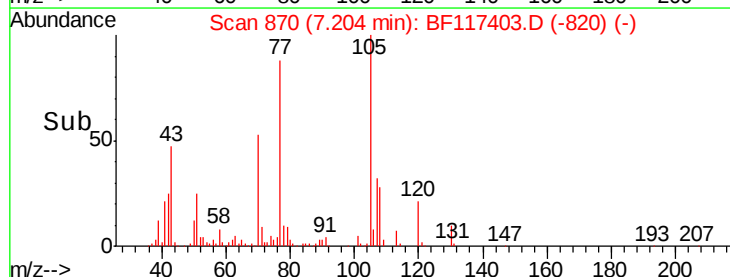
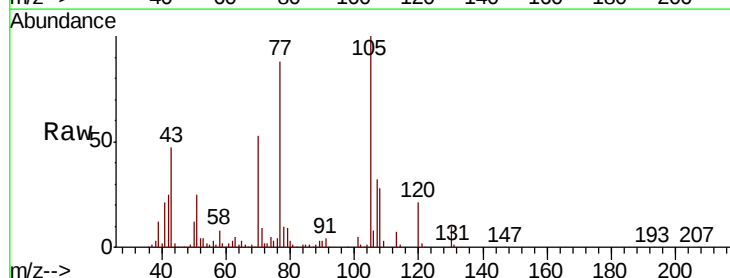
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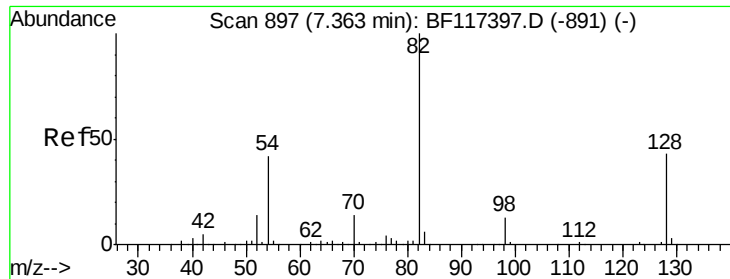
mohammad
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#22
Acetophenone
Concen: 40.219 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	231016		
71	8.5		7.8	11.6
51	25.0		21.5	32.3
120	21.1		16.7	25.1





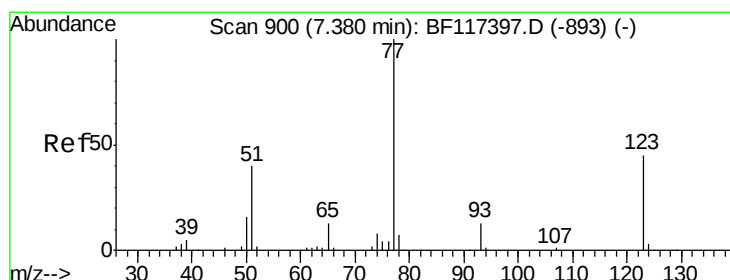
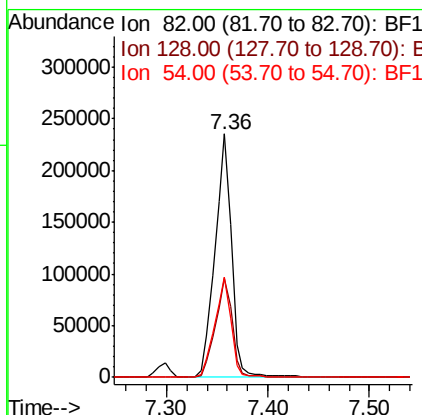
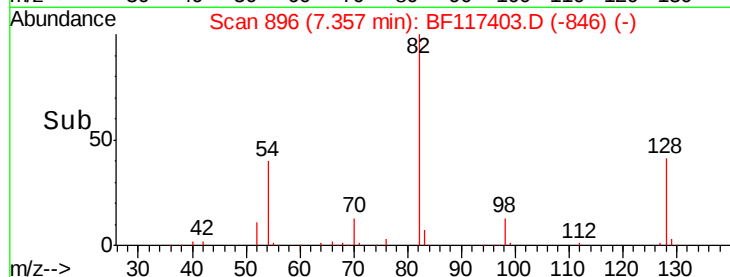
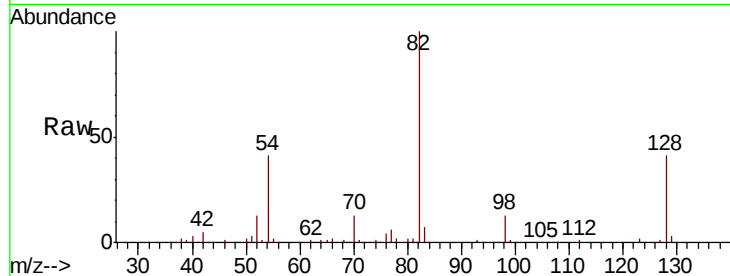
#23
Nitrobenzene-d5
Concen: 62.283 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	268956		
128	40.7		34.1	51.1
54	41.3		33.3	49.9

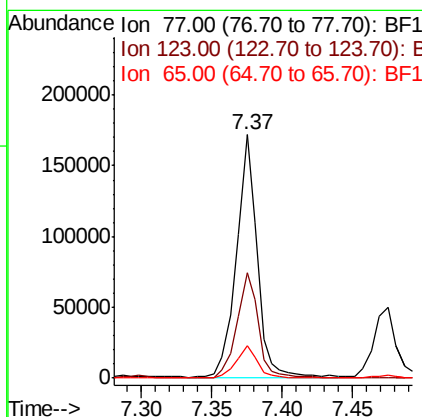
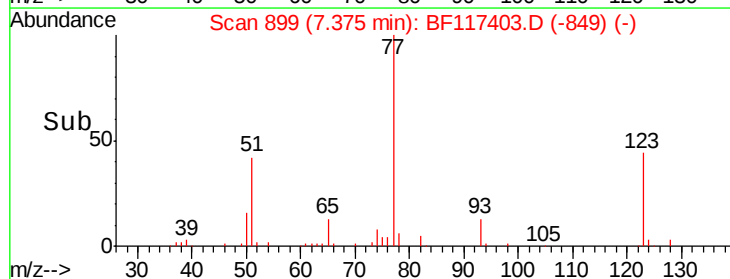
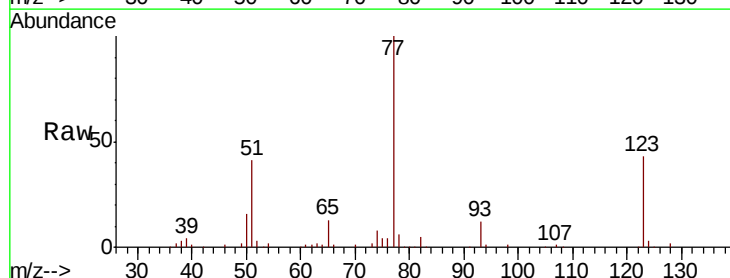
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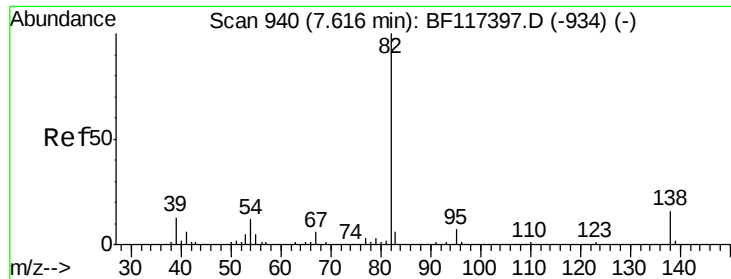
mohammad
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#24
Nitrobenzene
Concen: 40.756 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	176297		
123	43.1		35.8	53.8
65	13.2		10.1	15.1





#25

Isophorone

Concen: 41.583 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

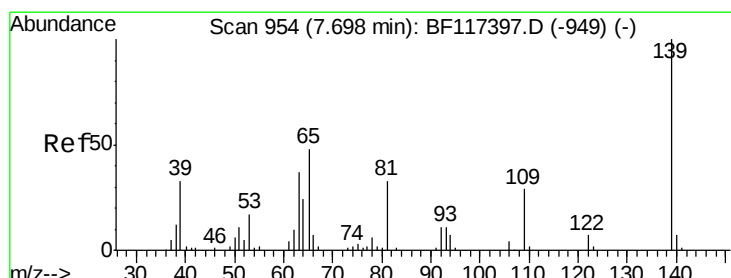
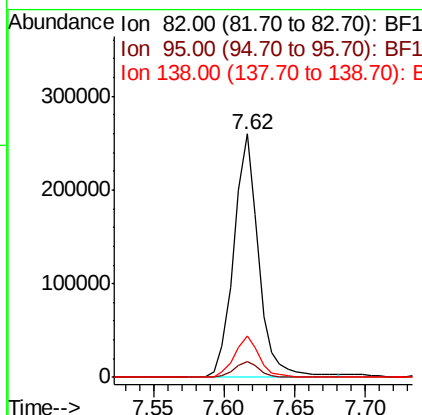
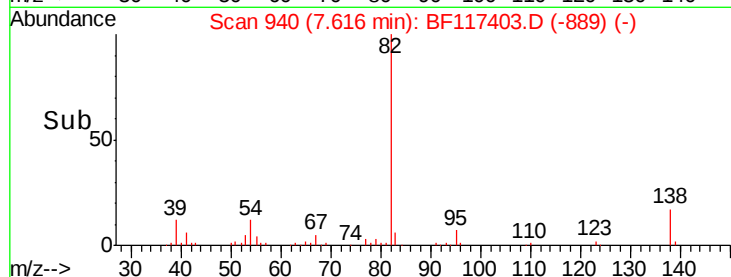
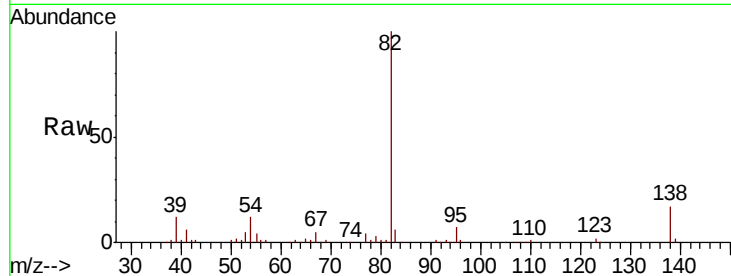
ClientSampleId :

PB123882BS

Tot Ion:	82	Resp:	319874
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.0
138	17.2	13.0	19.4

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#26

2-Nitrophenol

Concen: 43.717 ng

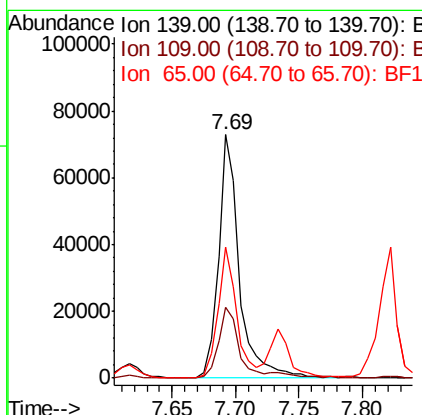
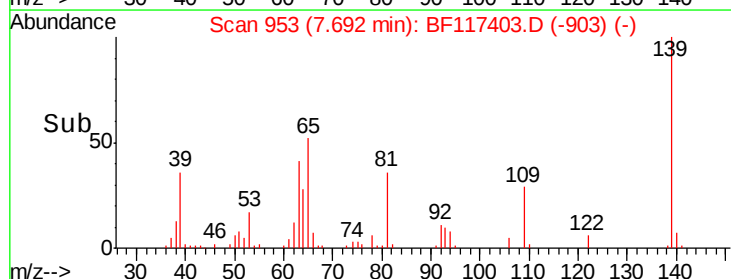
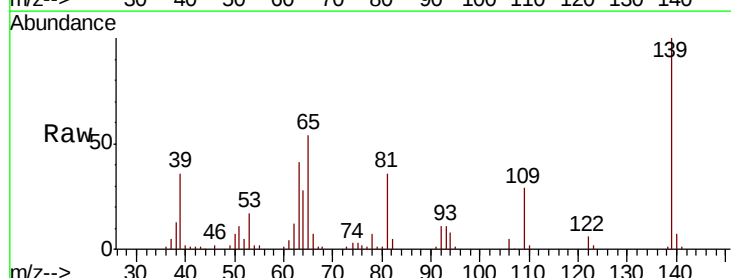
RT: 7.69 min Scan# 953

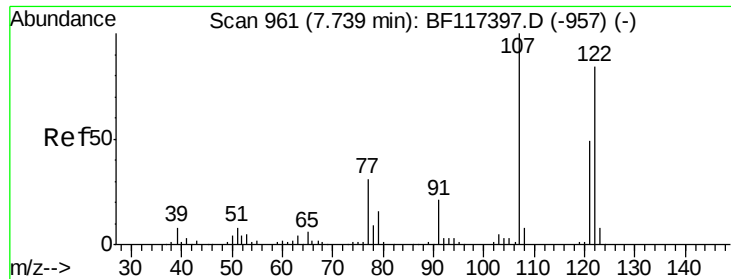
Delta R.T. -0.01 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Tgt Ion:	139	Resp:	83902
Ion Ratio	Lower	Upper	
139	100		
109	28.9	23.1	34.7
65	53.6	38.2	57.4





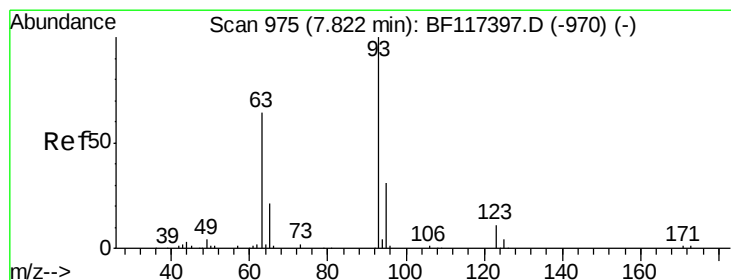
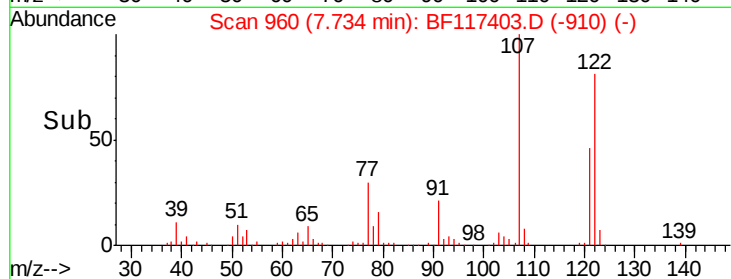
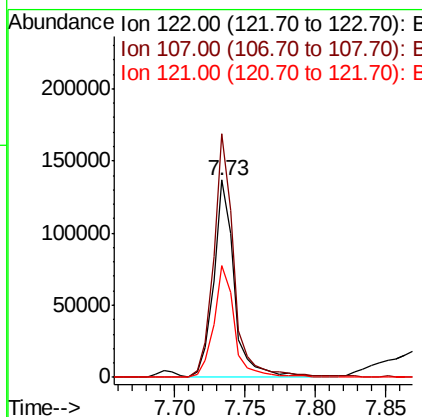
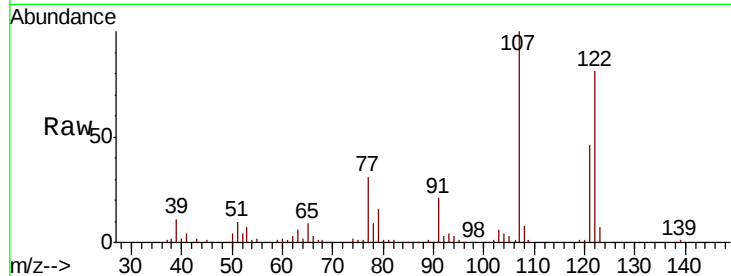
#27
 2,4-Dimethylphenol
 Concen: 46.943 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB123882BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	136926		
107	123.4	95.0	142.6	
121	56.9	46.6	69.8	

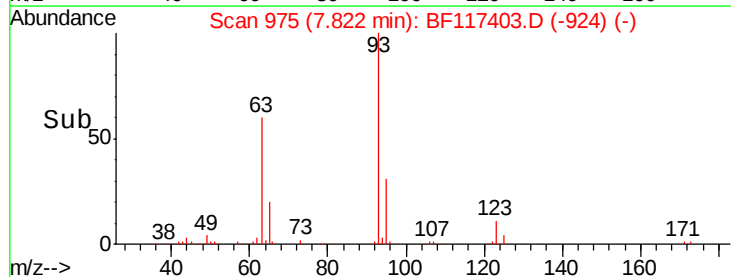
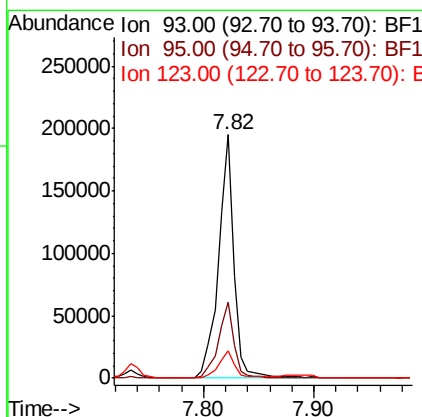
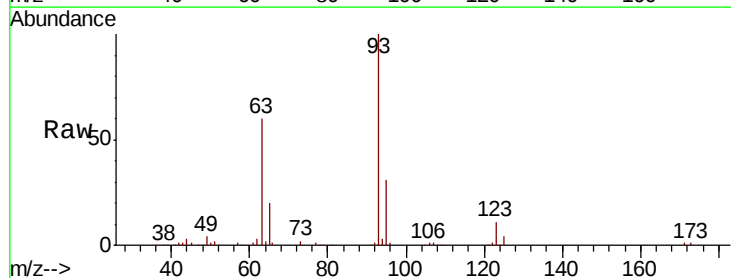
Manual Integrations
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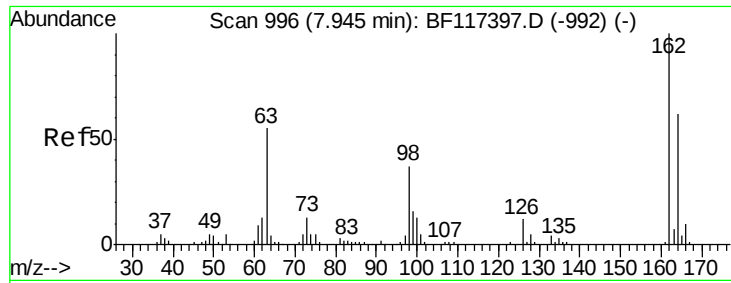
mohammad
 10/16/2019 8:10:29 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.930 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	190418		
95	31.4	25.1	37.7	
123	11.3	8.6	12.8	





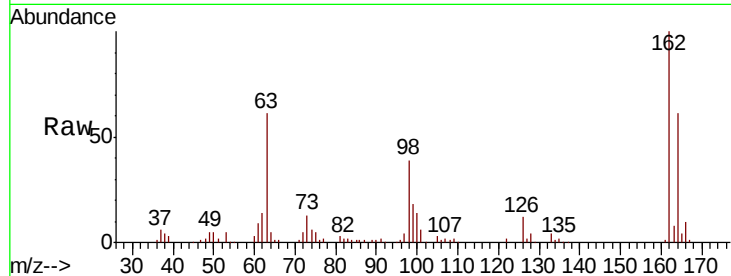
#29
2,4-Dichlorophenol
Concen: 43.123 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	129788		
164	60.5	42.2	82.2	
98	39.1	17.4	57.4	

Manual Integrations
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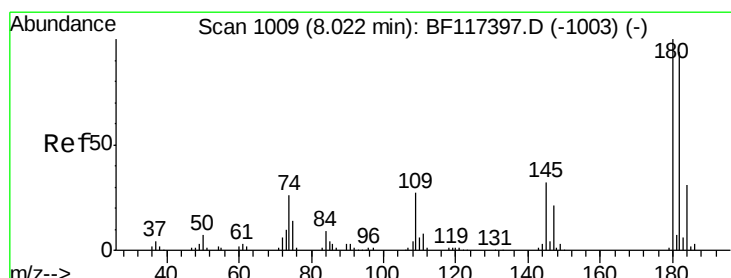
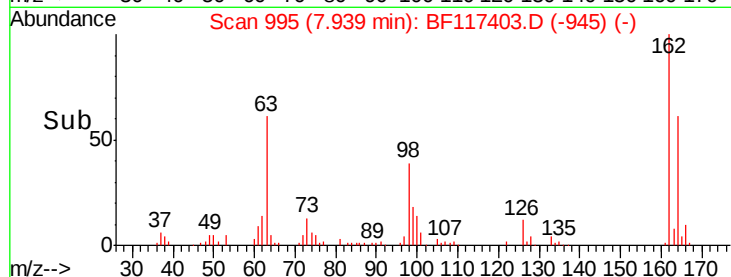
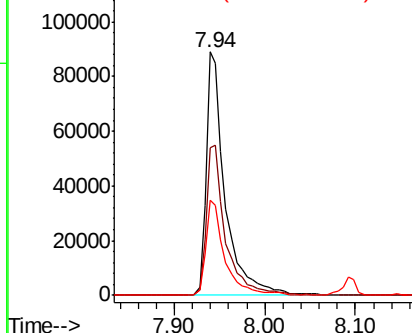


Abundance

Ion 162.00 (161.70 to 162.70): E

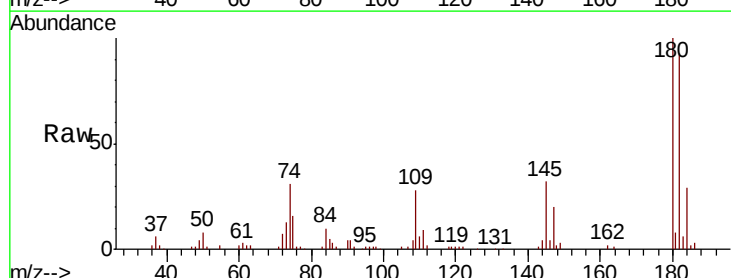
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.542 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	128296		
182	93.1	75.4	113.2	
145	32.2	25.5	38.3	

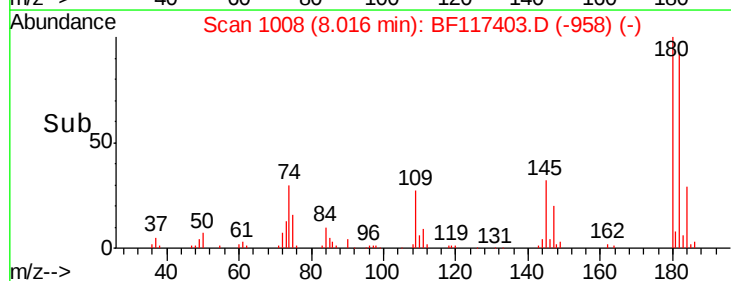
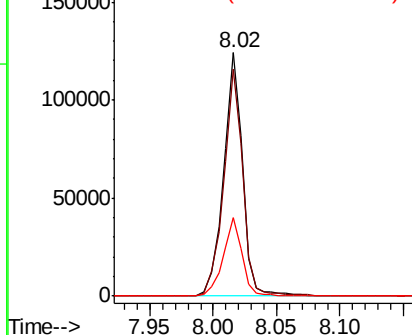


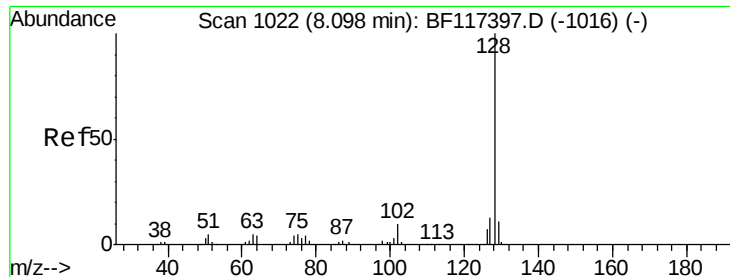
Abundance

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





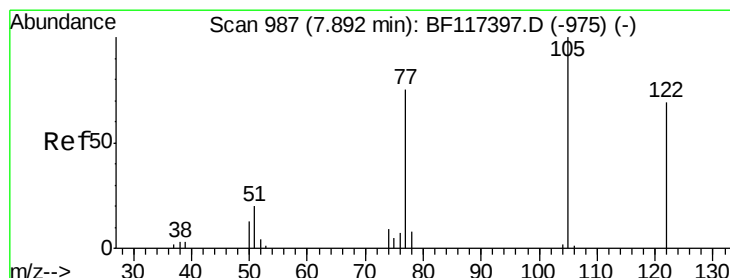
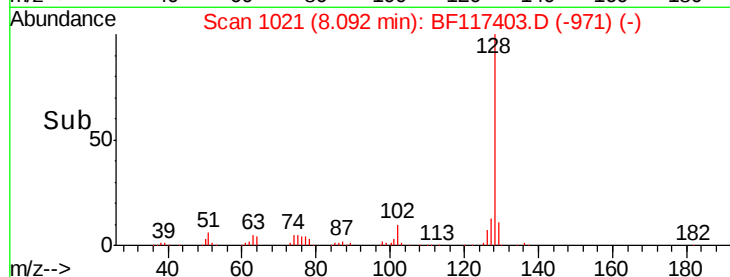
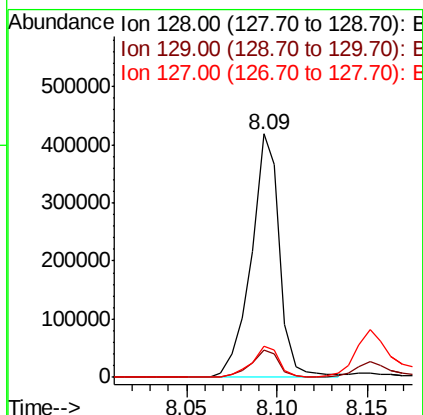
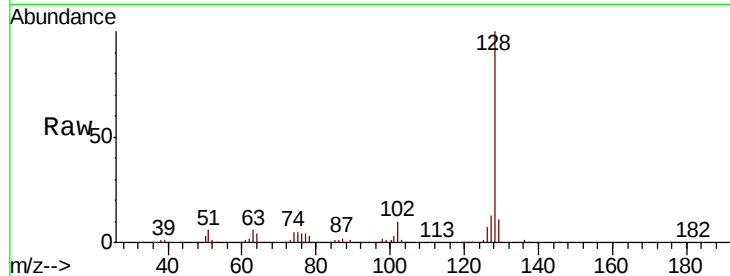
#31
Naphthalene
Concen: 41.449 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

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

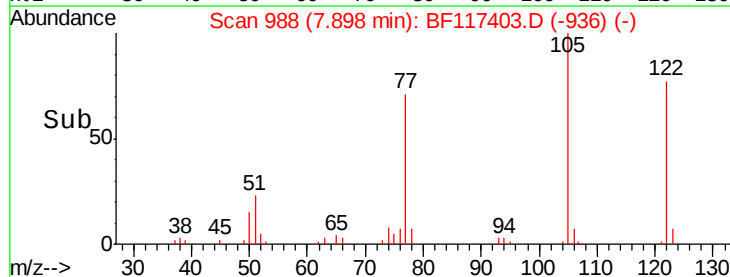
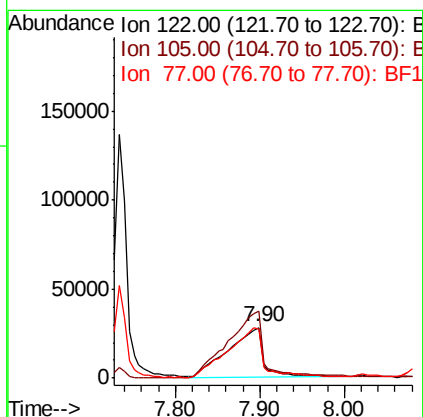
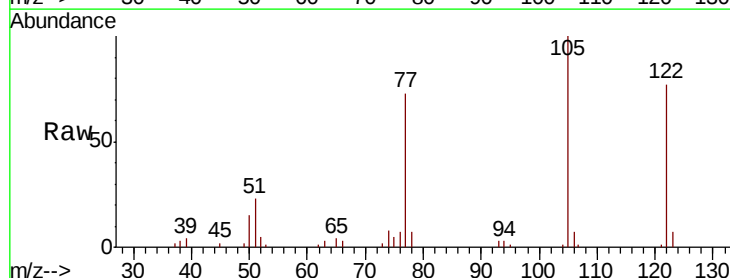
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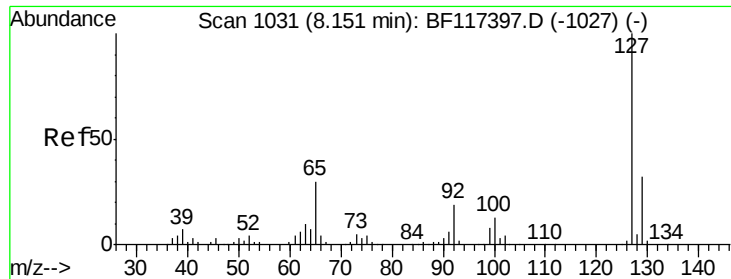
mohammad
10/16/2019 8:10:29 AM



#32
Benzoic acid
Concen: 42.246 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.5	121.5	161.5
77	95.3	88.3	128.3





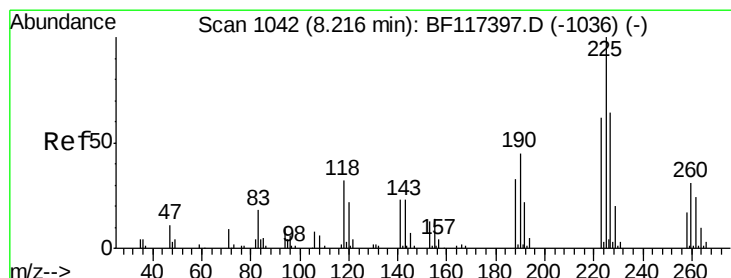
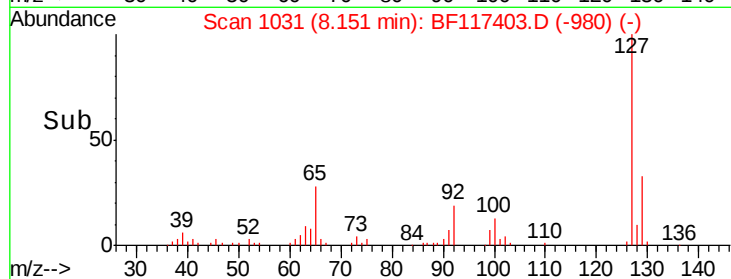
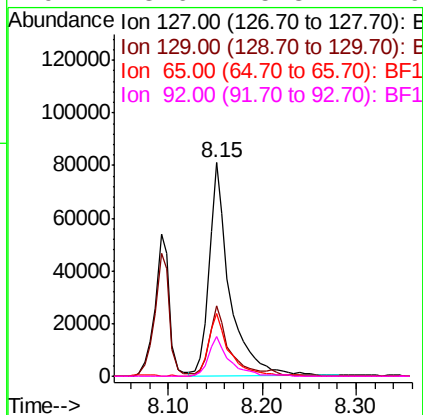
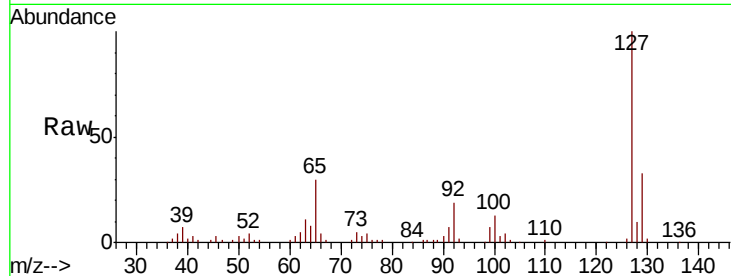
#33
4-Chloroaniline
Concen: 26.608 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	25.4	38.0	
65	29.6	23.8	35.8	
92	18.6	15.3	22.9	

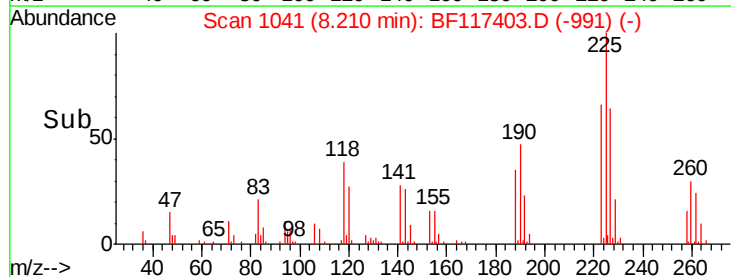
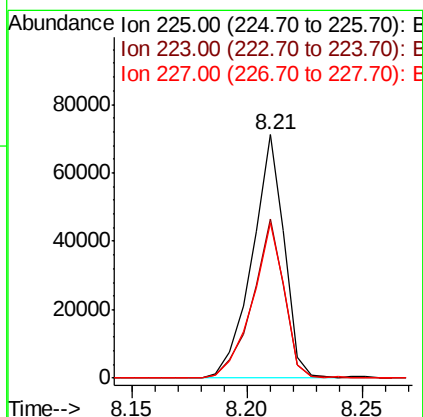
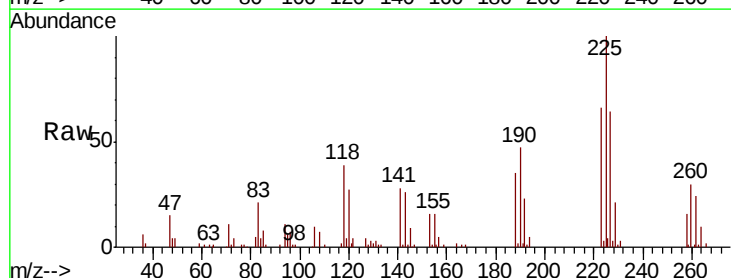
Manual Integrations
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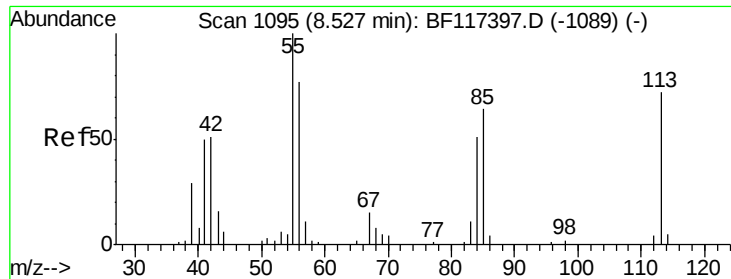
mohammad
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#34
Hexachlorobutadiene
Concen: 36.898 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.5	49.7	74.5	
227	63.6	50.9	76.3	





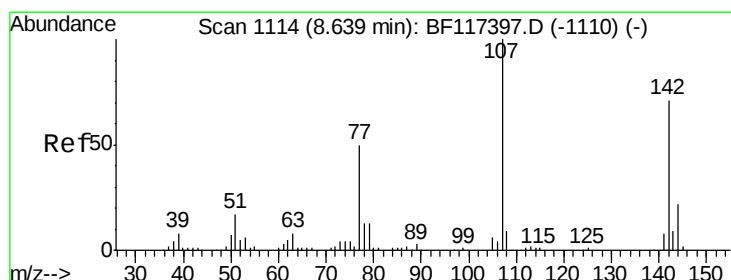
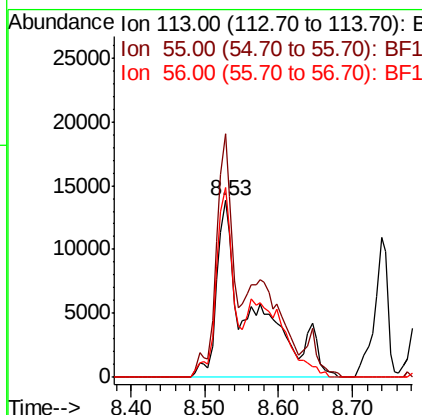
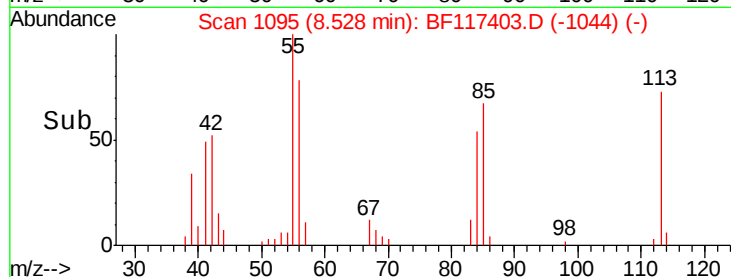
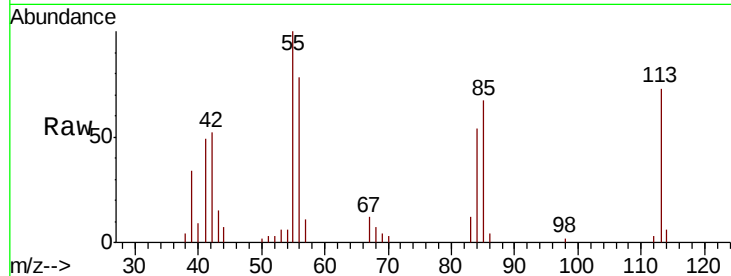
#35
Caprolactam
Concen: 49.049 ng/ml
RT: 8.53 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleID :
PB123882BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	137.8	118.5	158.5
56	107.5	86.7	126.7

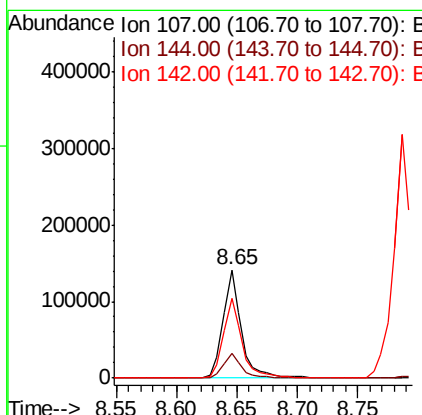
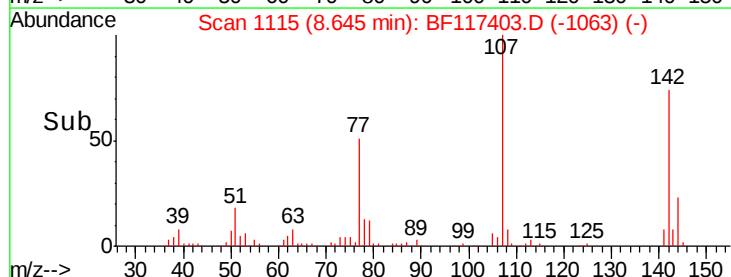
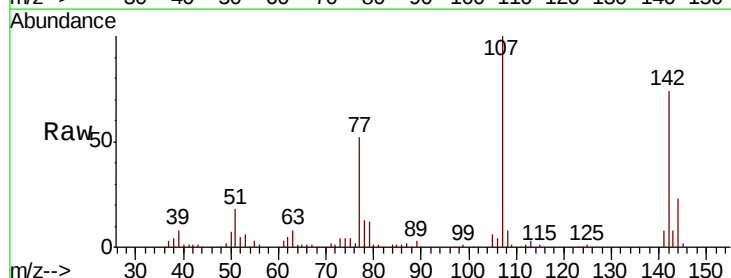
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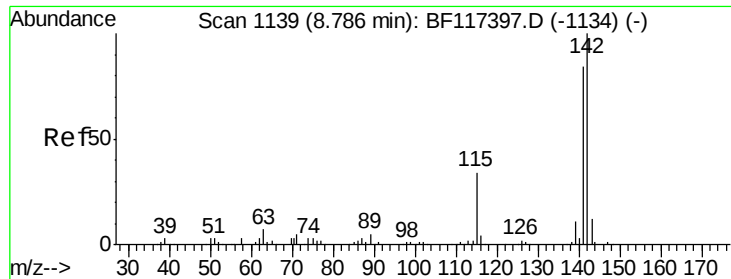
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 43.333 ng/ml
RT: 8.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.1	17.9	26.9
142	73.7	56.9	85.3





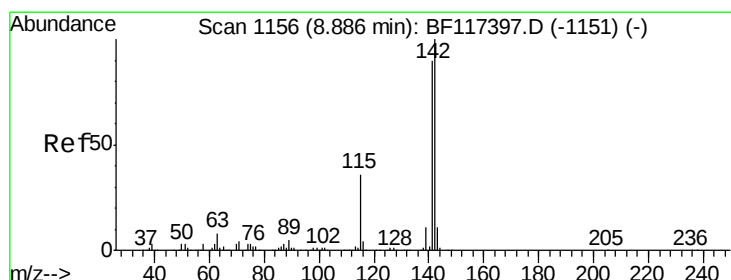
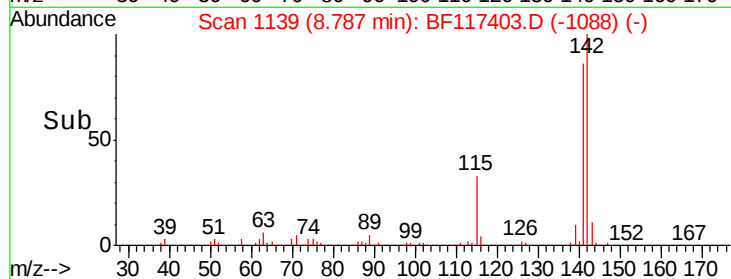
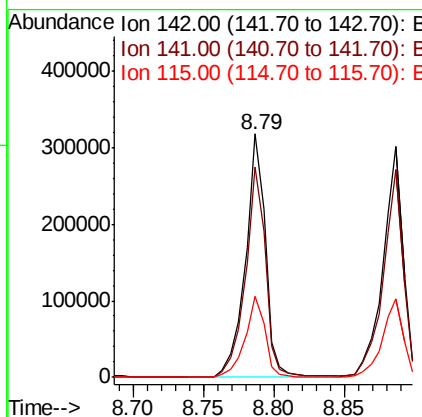
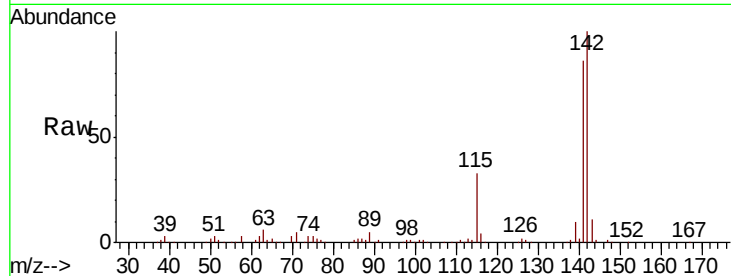
#37
2-Methylnaphthalene
Concen: 42.773 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	315744		
141	86.2	67.2	100.8	
115	33.4	26.9	40.3	

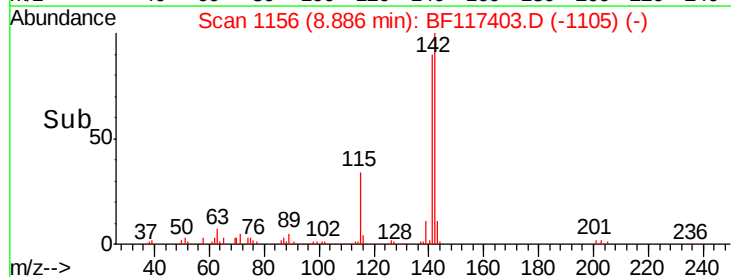
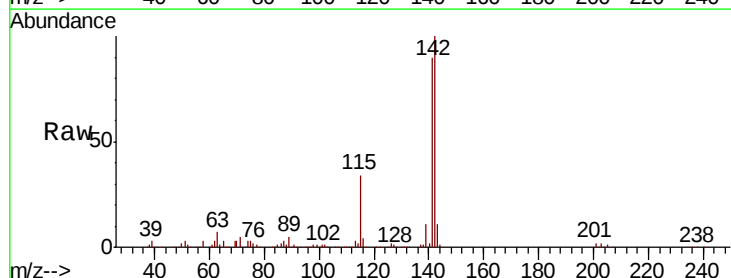
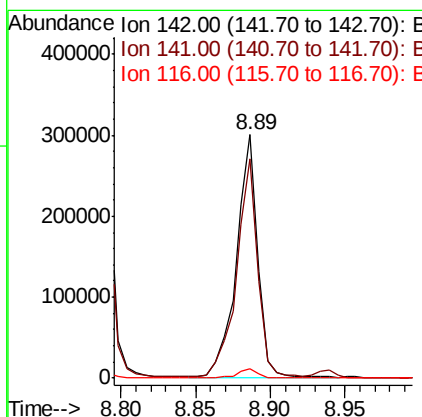
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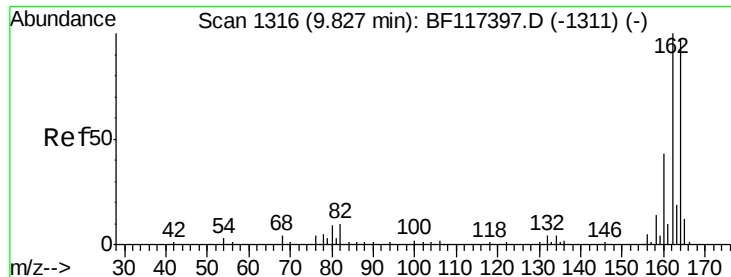
mohammad
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#38
1-Methylnaphthalene
Concen: 42.893 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	298321		
141	90.0	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: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

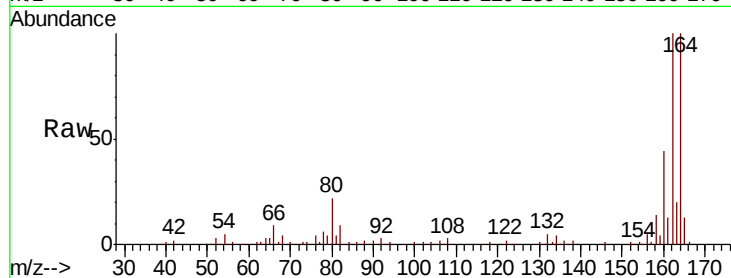
ClientSampleId :

PB123882BS

Tot Ion:	164	Resp:	114060
Ion Ratio	Lower	Upper	
164	100		
162	100.1	82.4	123.6
160	44.1	35.4	53.0

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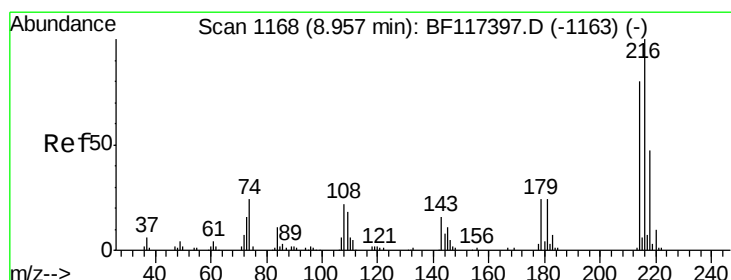
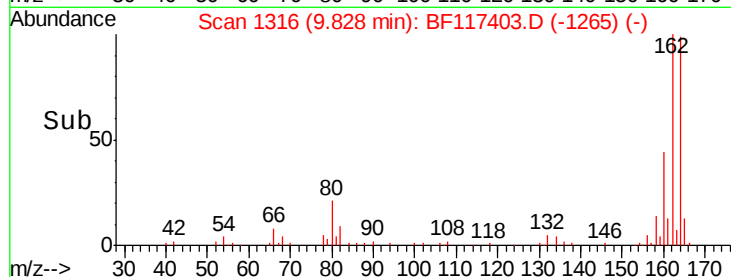
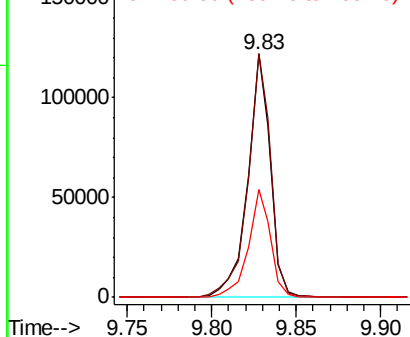


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.548 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Tgt Ion:	216	Resp:	118331
Ion Ratio	Lower	Upper	
216	100		
214	81.4	63.8	95.6
179	23.9	18.6	28.0
108	22.3	17.0	25.4

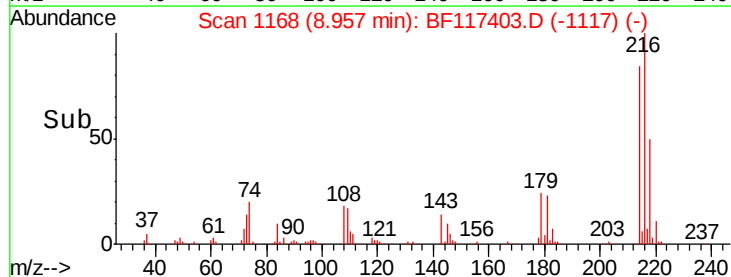
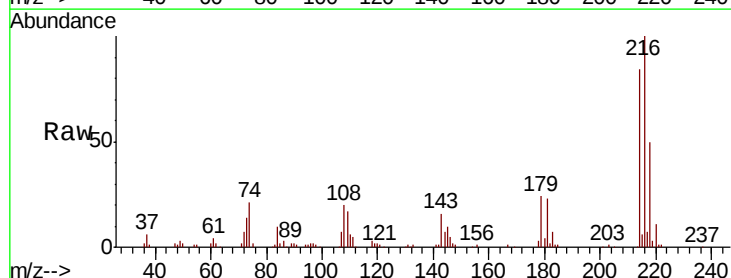
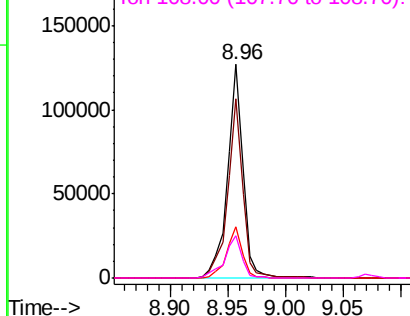
Abundance

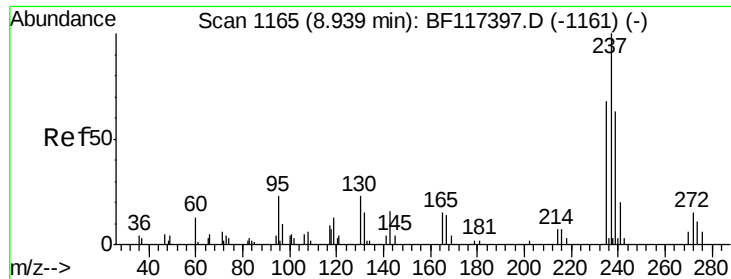
Ion 216.00 (215.70 to 216.70): E

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: 94.918 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

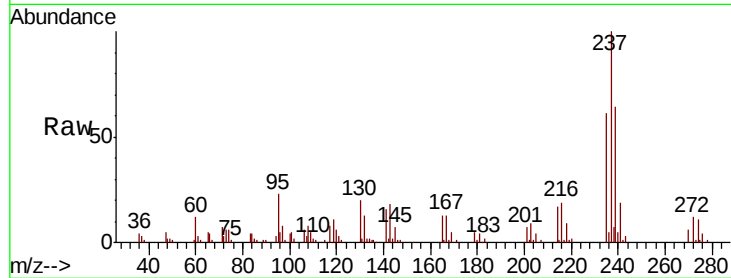
ClientSampleId :

PB123882BS

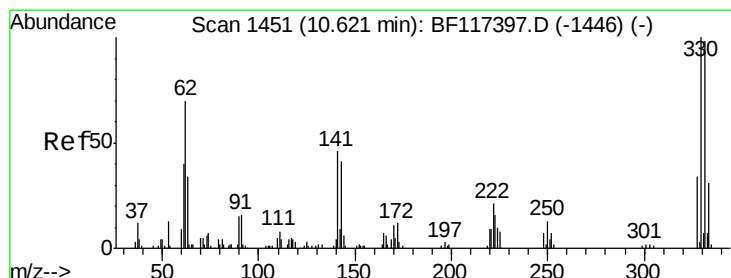
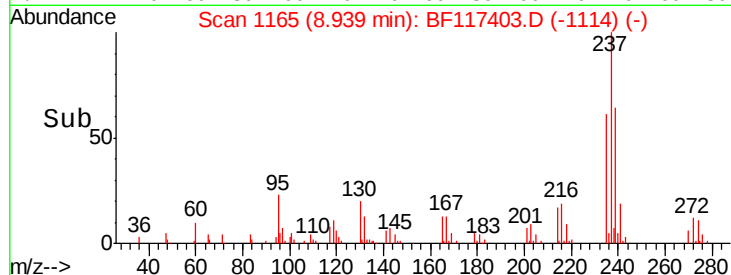
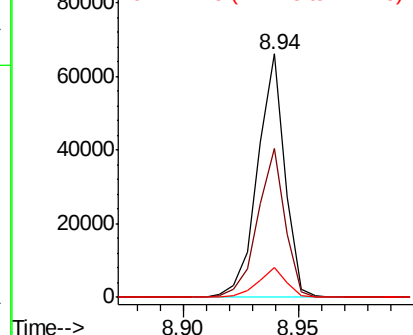
Tot Ion:	237	Resp:	54410
Ion Ratio	Lower	Upper	
237	100		
235	61.3	47.8	87.8
272	12.4	0.0	35.0

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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: 118.775 ng

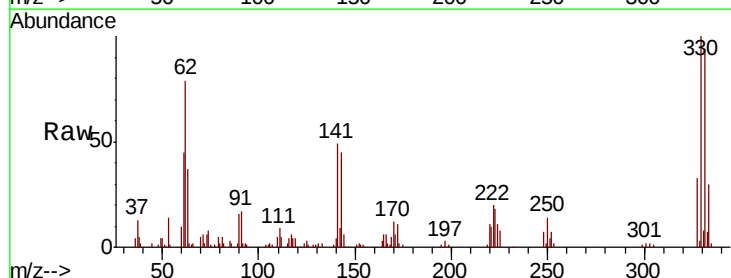
RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

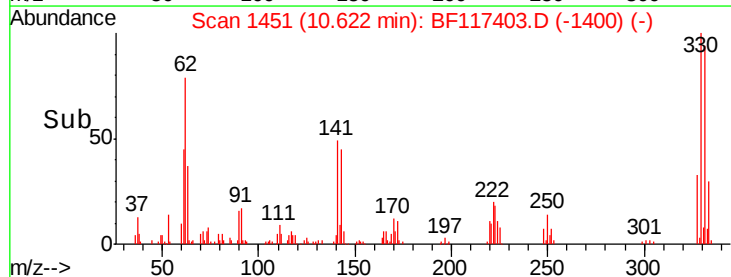
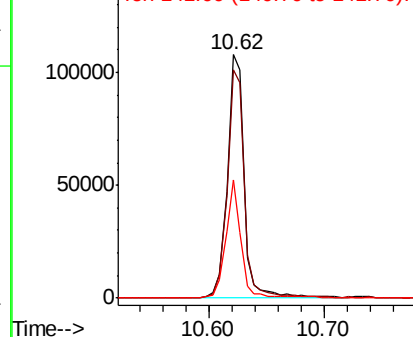
Lab File: BF117403.D

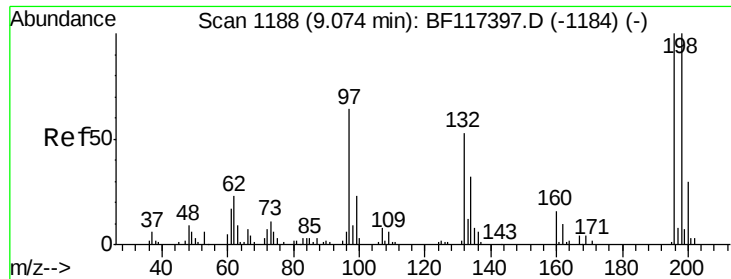
Acq: 14 Oct 2019 17:26

Tgt Ion:	330	Resp:	110258
Ion Ratio	Lower	Upper	
330	100		
332	95.0	75.0	112.6
141	43.0	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





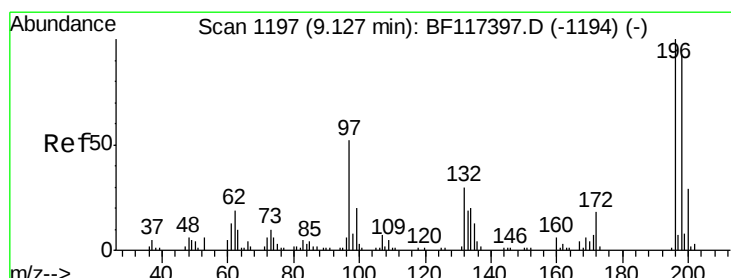
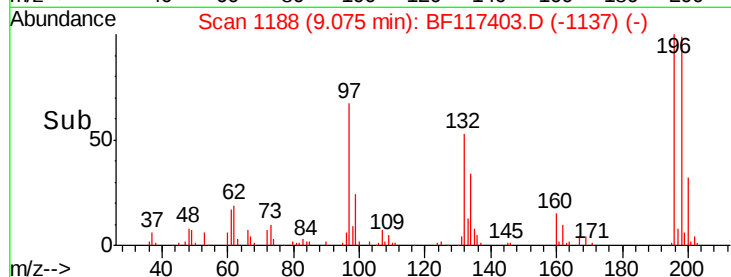
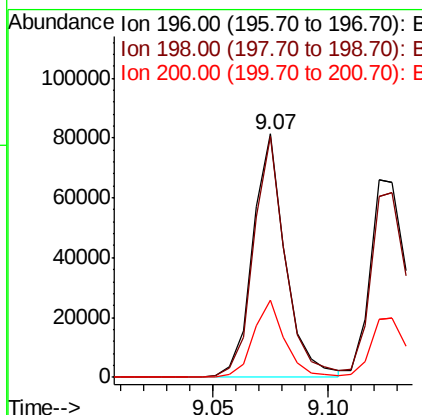
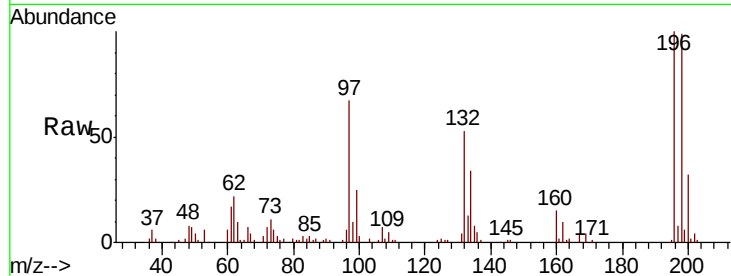
#43
 2,4,6-Trichlorophenol
 Concen: 41.504 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Instrument :
 BNA_F
 ClientSampleID :
 PB123882BS

Tot Ion:	196	Resp:	80629
Ion Ratio	Lower	Upper	
196	100		
198	98.8	79.8	119.6
200	31.6	23.7	35.5

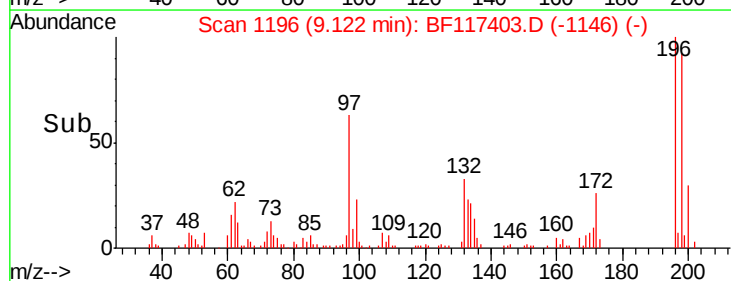
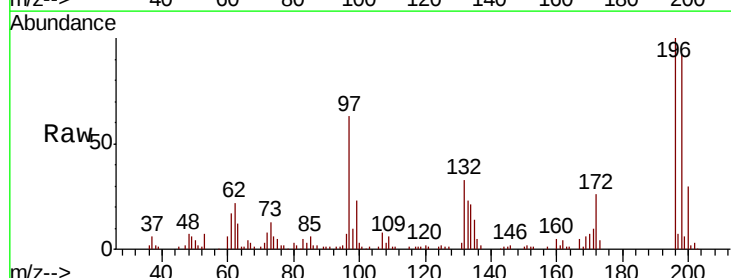
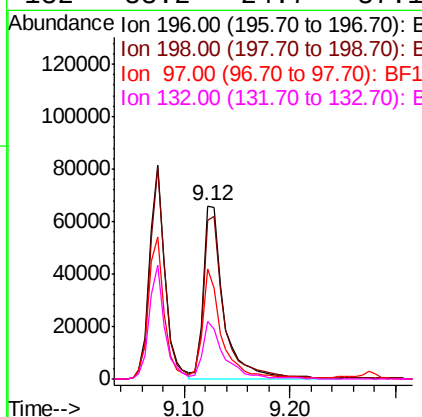
Manual Integrations
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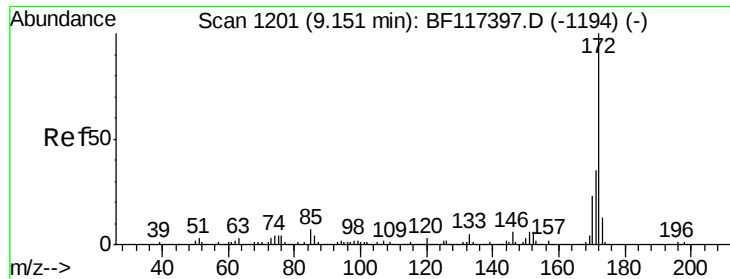
mohammad
 10/16/2019 8:10:29 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.141 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Tgt Ion:	196	Resp:	89451
Ion Ratio	Lower	Upper	
196	100		
198	91.6	74.9	112.3
97	63.1	42.5	63.7
132	33.2	24.7	37.1





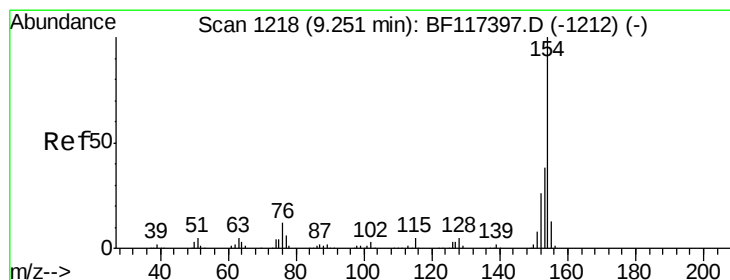
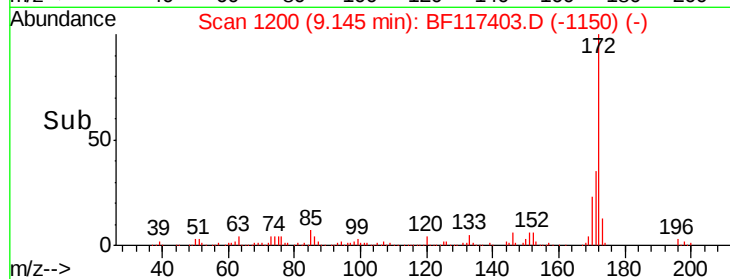
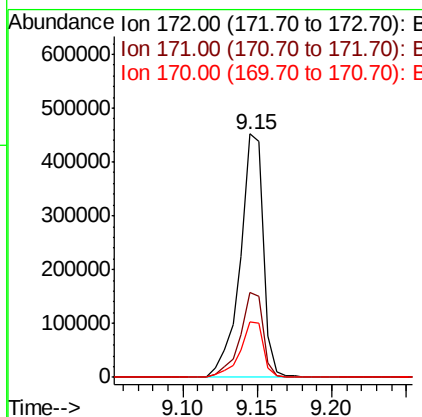
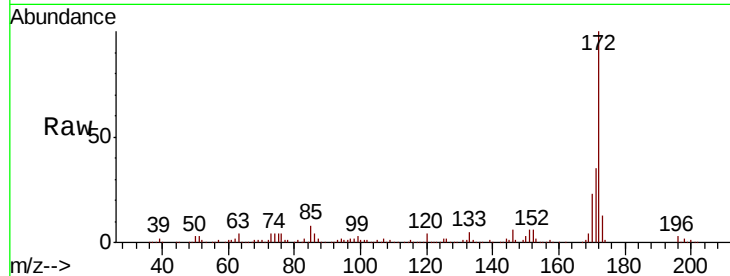
#45
2-Fluorobiphenyl
Concen: 62.293 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.2
170	23.0	18.2	27.2

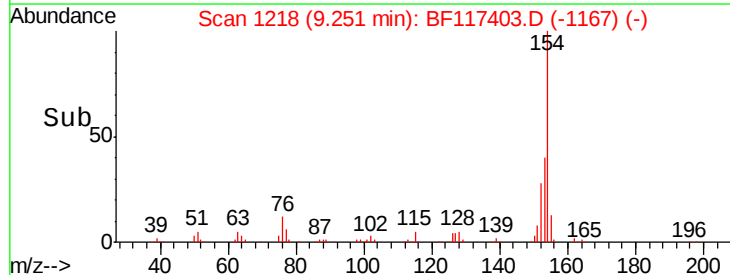
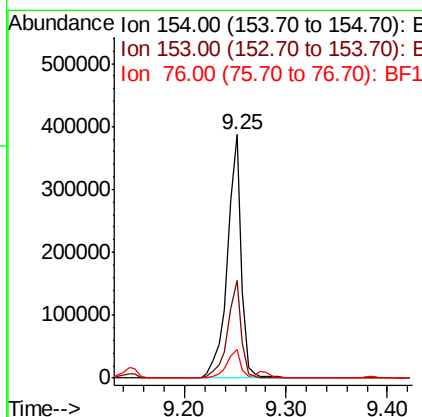
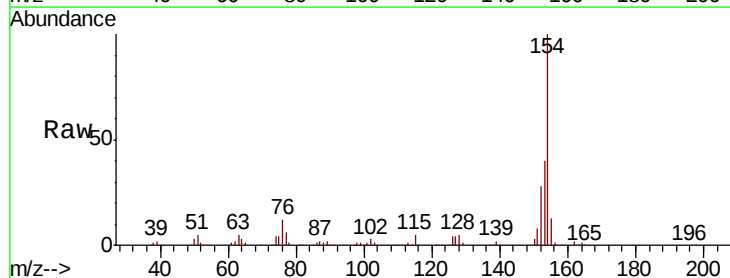
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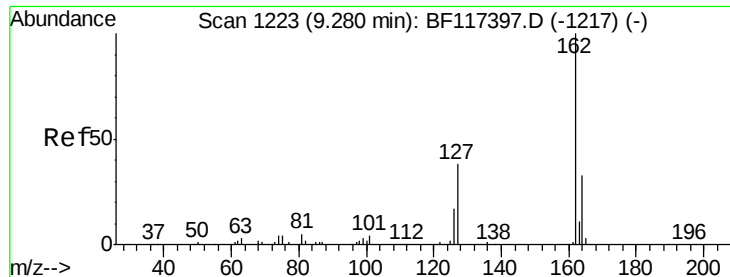
mohammad
10/16/2019 8:10:29 AM



#46
1,1'-Biphenyl
Concen: 39.487 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	18.3	58.3
76	12.0	0.0	32.3





#47

2-Chloronaphthalene

Concen: 39.861 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

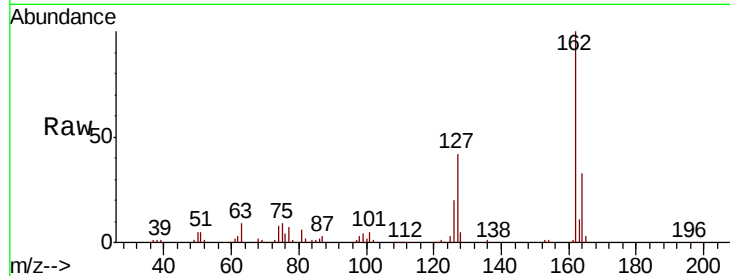
ClientSampleId :

PB123882BS

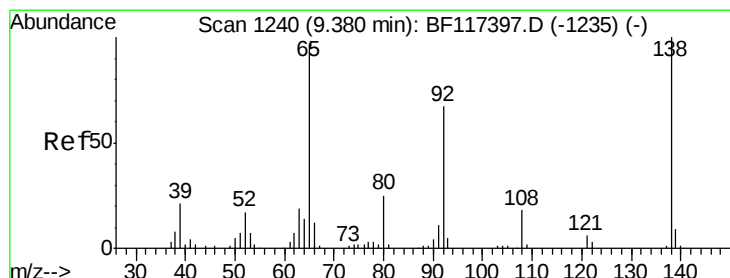
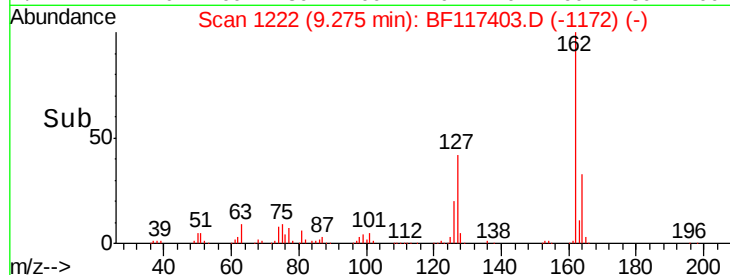
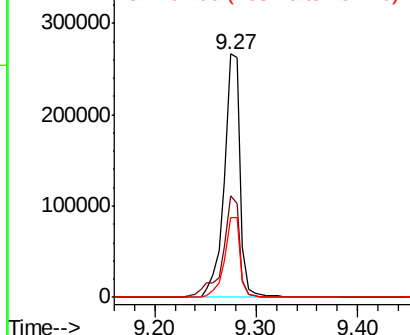
Tot Ion:	162	Resp:	289542
Ion Ratio	Lower	Upper	
162	100		
127	41.7	32.6	48.8
164	32.8	26.2	39.4

Manual Integrations
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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: 40.148 ng

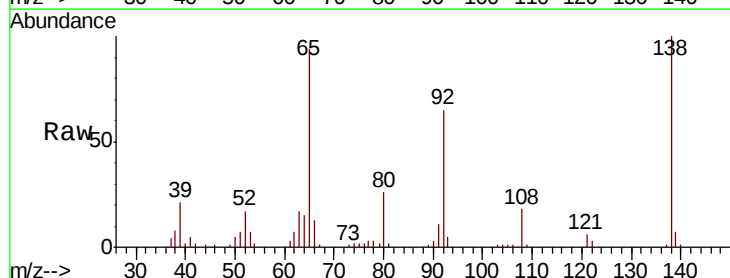
RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

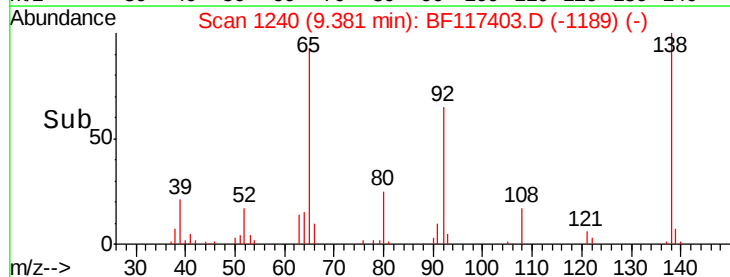
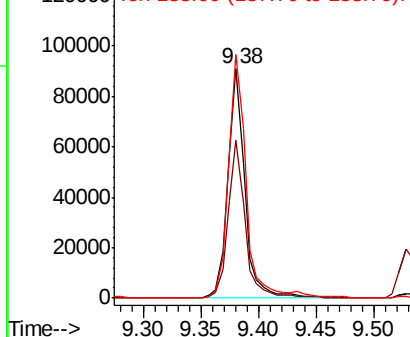
Lab File: BF117403.D

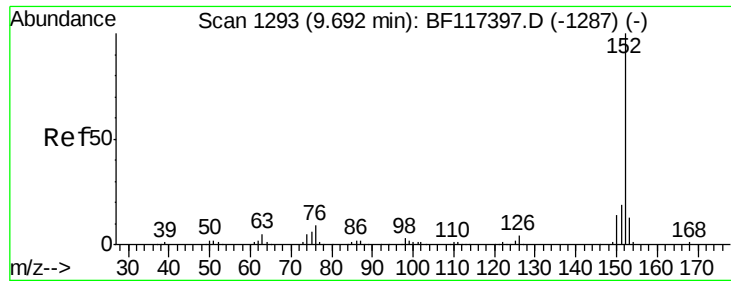
Acq: 14 Oct 2019 17:26

Tgt Ion:	65	Resp:	93047
Ion Ratio	Lower	Upper	
65	100		
92	69.1	55.4	83.0
138	106.3	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





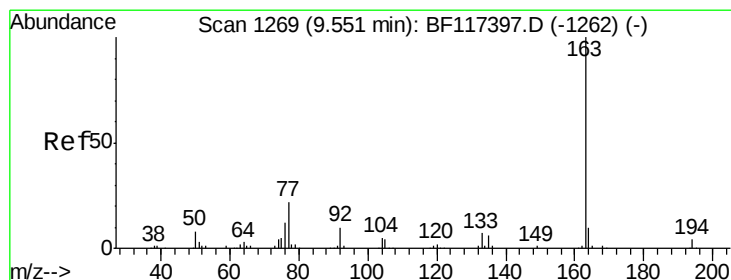
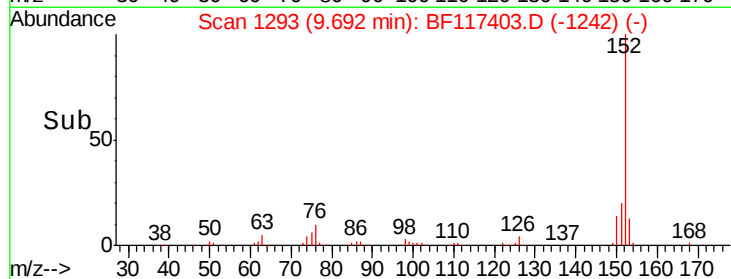
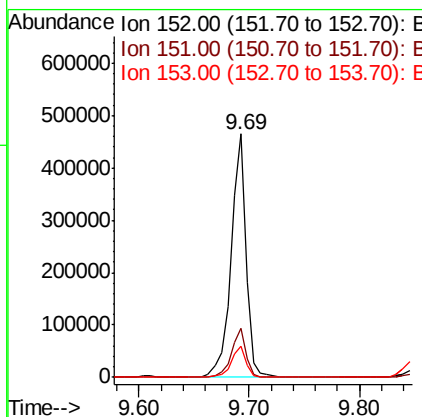
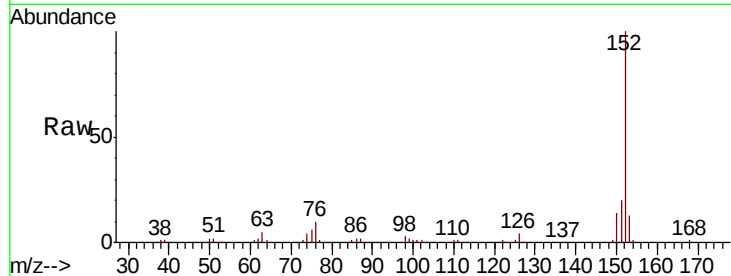
#49
Acenaphthylene
Concen: 41.686 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.5	23.3
153	12.9	10.6	16.0

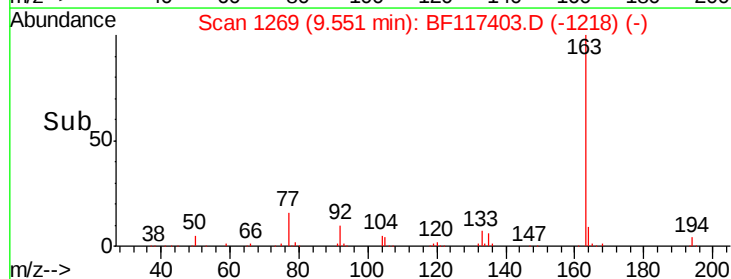
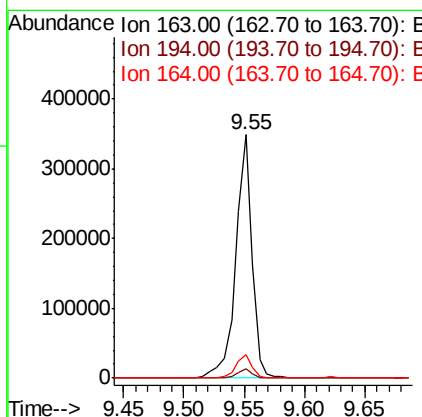
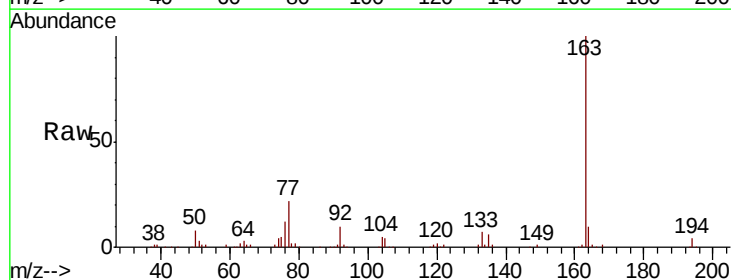
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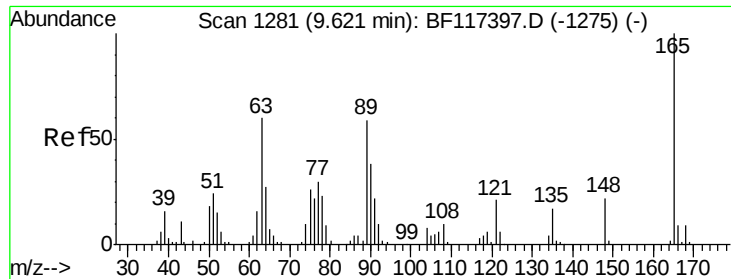
mohammad
10/16/2019 8:10:29 AM



#50
Dimethylphthalate
Concen: 40.138 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	9.8	8.0	12.0





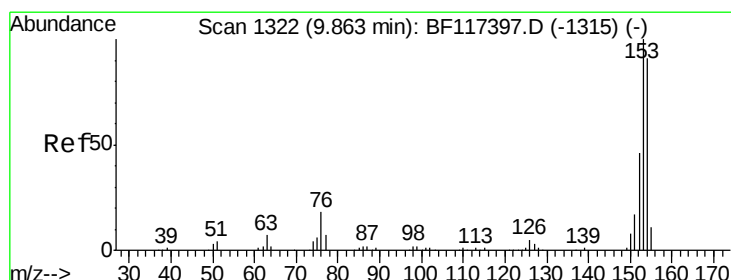
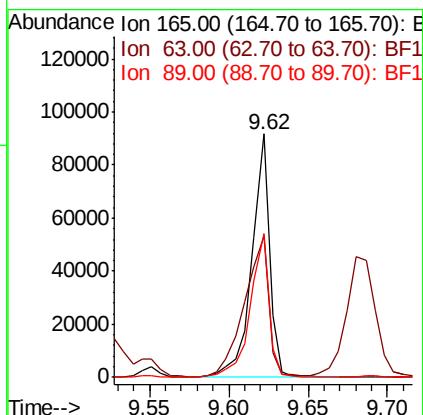
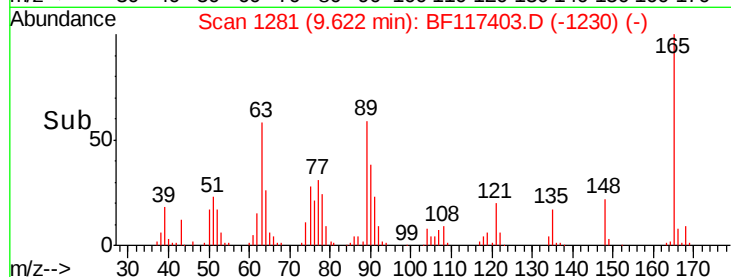
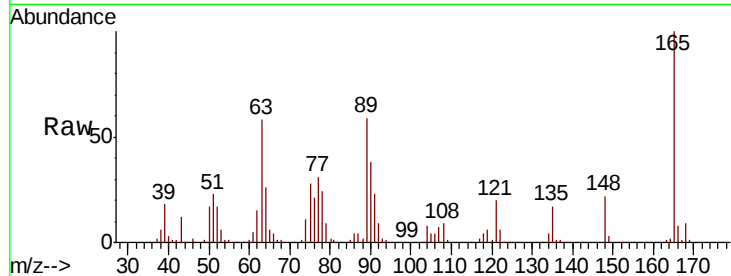
#51
2,6-Dinitrotoluene
Concen: 41.597 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.0	47.8	71.6
89	58.9	47.4	71.0

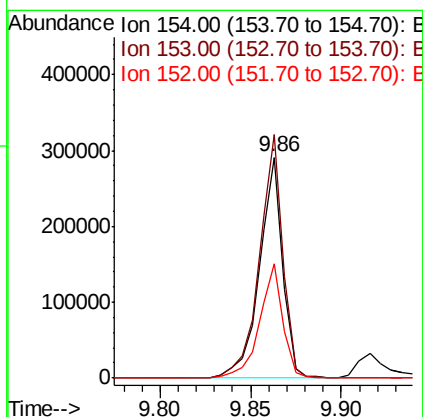
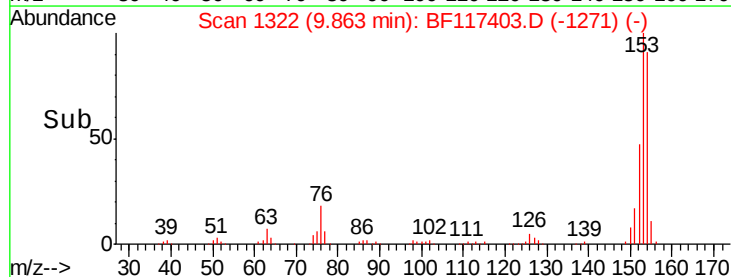
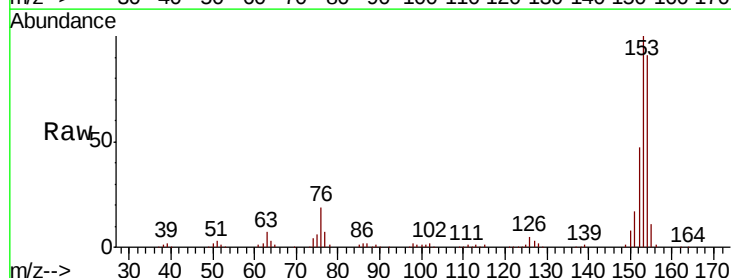
Manual Integrations
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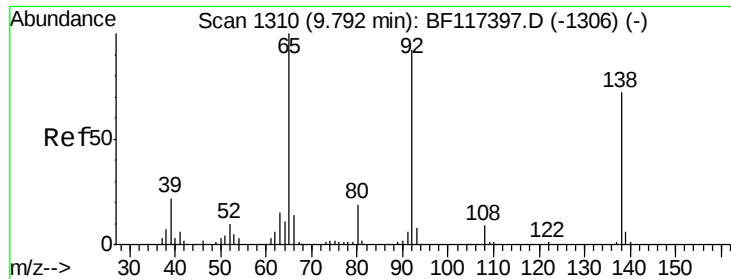
mohammad
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#52
Acenaphthene
Concen: 40.357 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.2	87.9	131.9
152	52.0	40.8	61.2





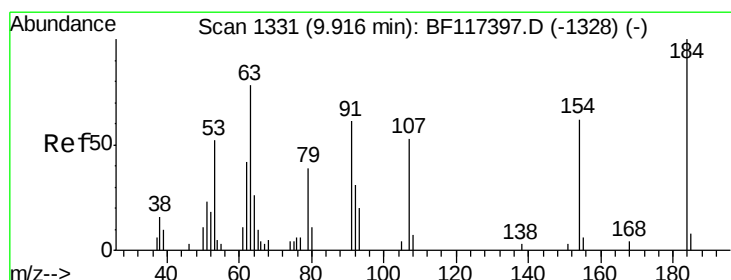
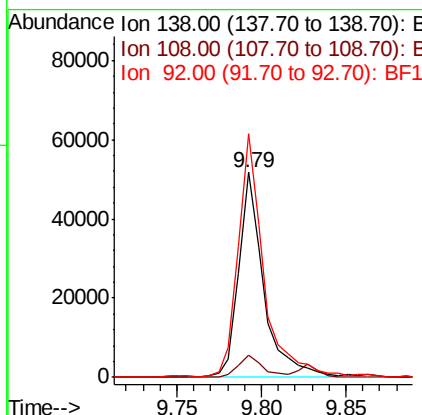
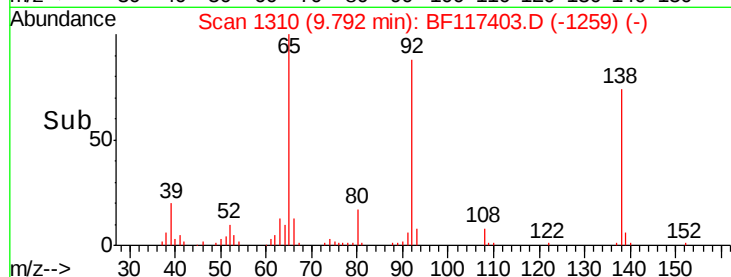
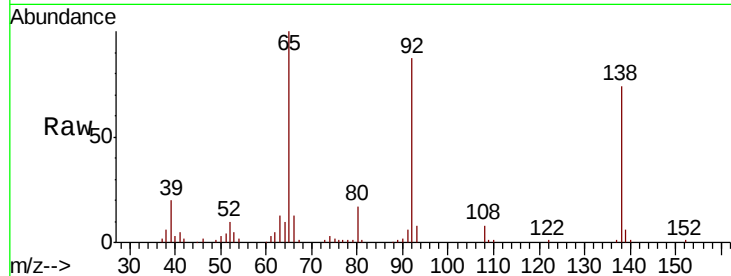
#53
3-Nitroaniline
Concen: 25.259 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.5	14.3
92	118.8	102.2	153.4

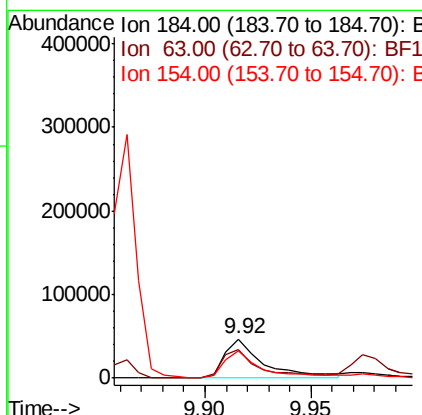
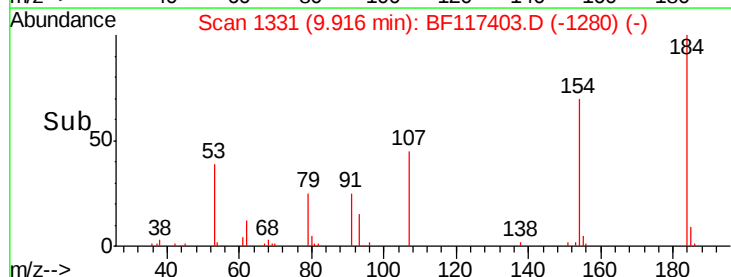
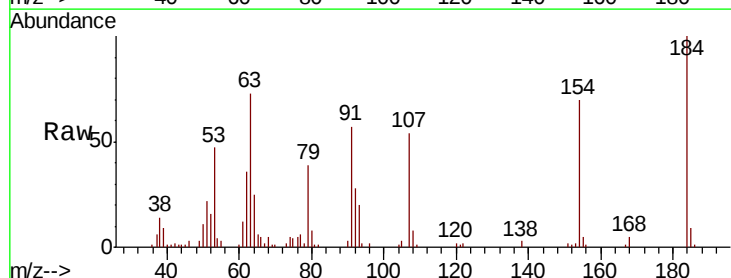
Manual Integrations
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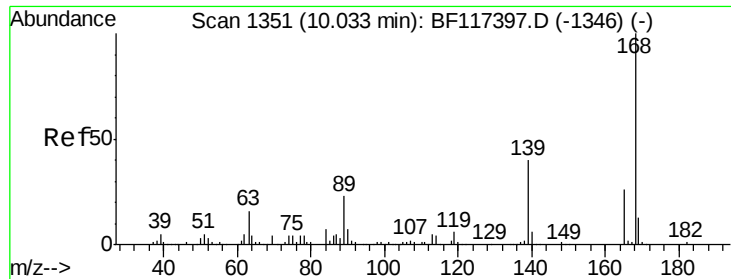
mohammad
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#54
2,4-Dinitrophenol
Concen: 81.660 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.2	62.4	93.6
154	70.4	53.5	80.3





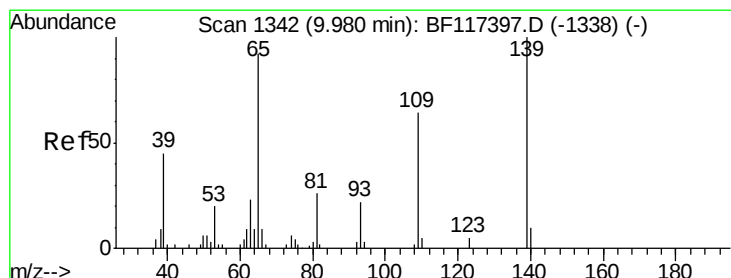
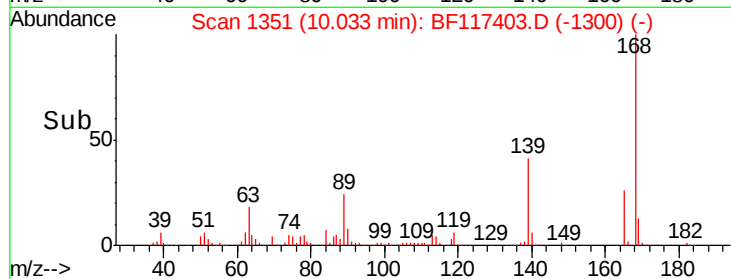
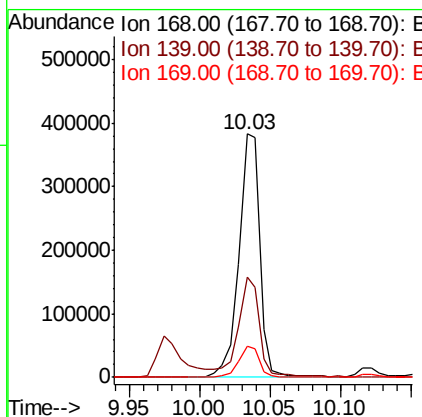
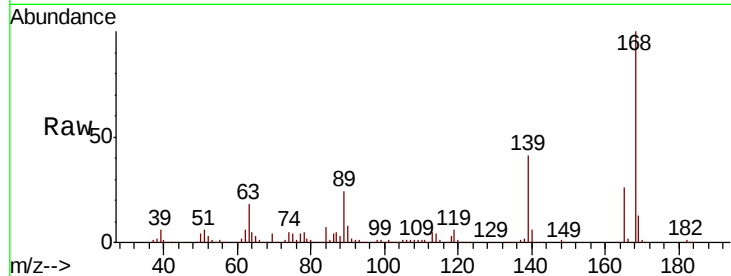
#55
Dibenzofuran
Concen: 42.063 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.2	33.3	49.9
169	13.0	10.7	16.1

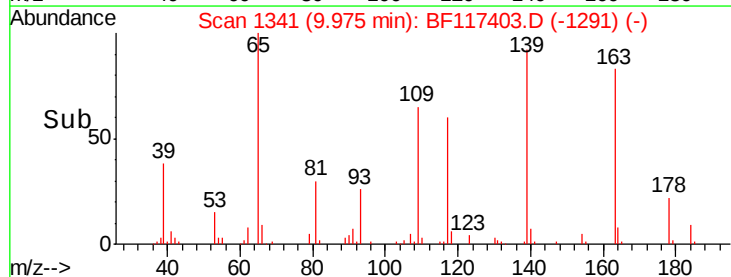
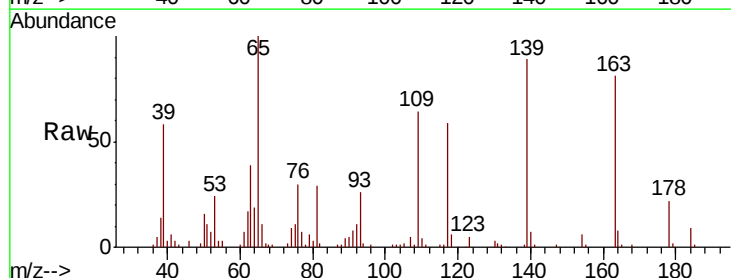
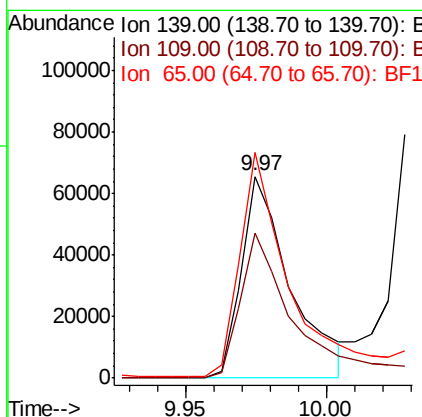
Manual Integrations
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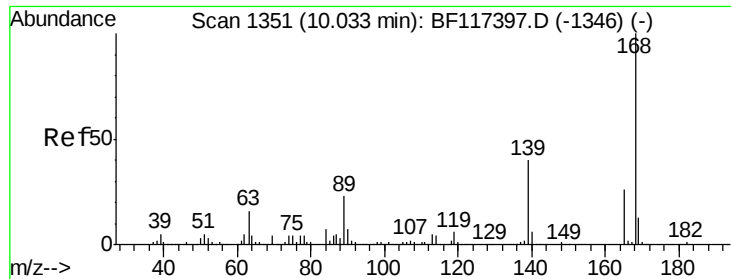
mohammad
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#56
4-Nitrophenol
Concen: 83.029 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.0	43.8	83.8
65	111.9	73.9	113.9





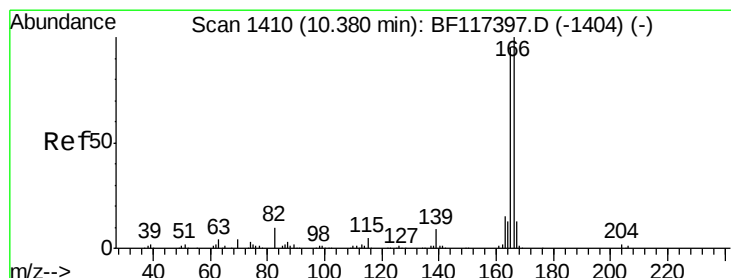
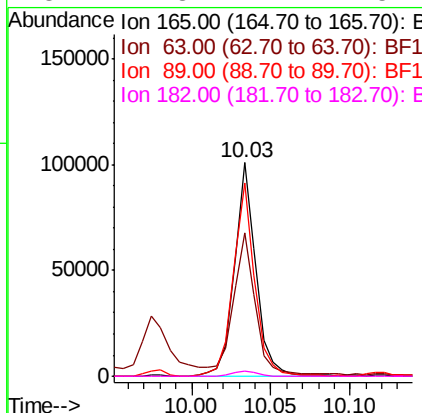
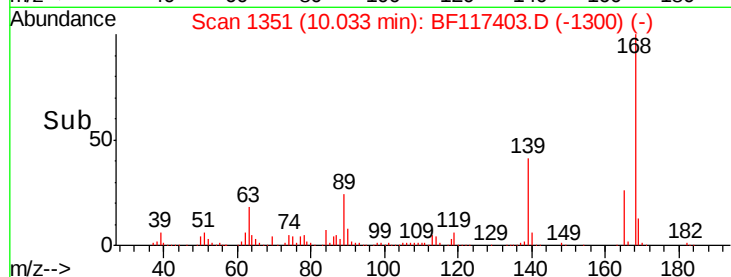
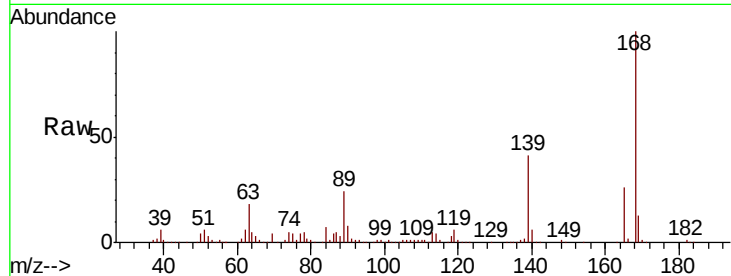
#57
2,4-Dinitrotoluene
Concen: 41.750 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	67.0	51.0	76.4
89	90.7	70.7	106.1
182	2.3	2.1	3.1

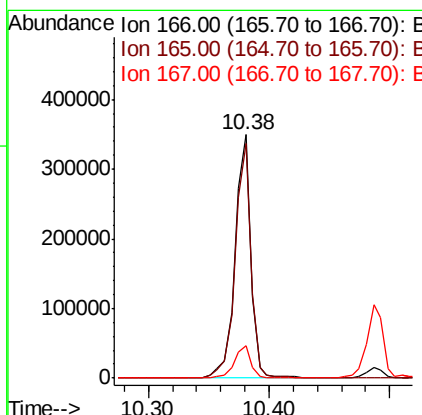
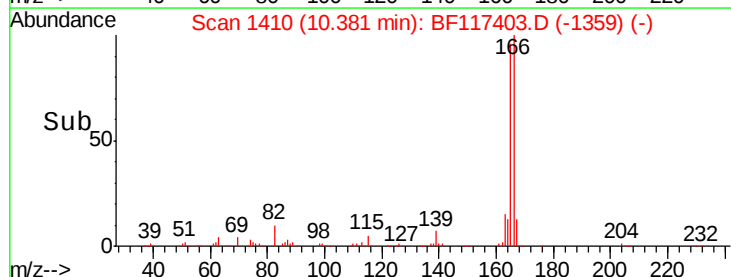
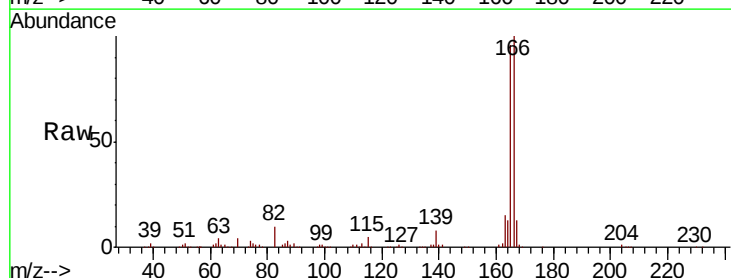
Manual Integrations
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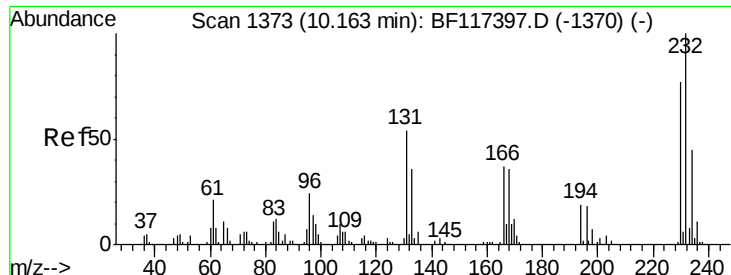
mohammad
10/16/2019 8:10:29 AM



#58
Fluorene
Concen: 40.904 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	75.7	113.5
167	13.1	10.4	15.6





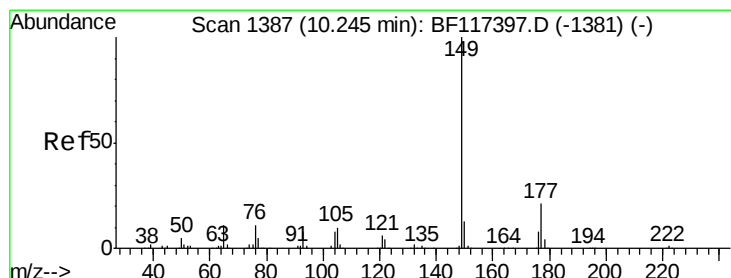
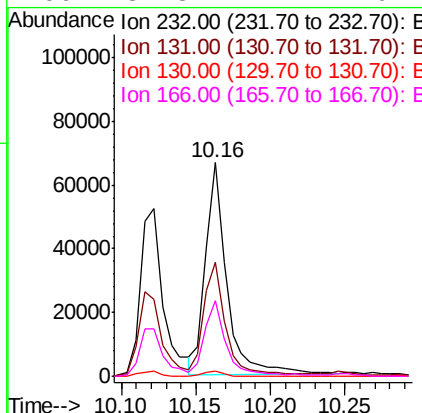
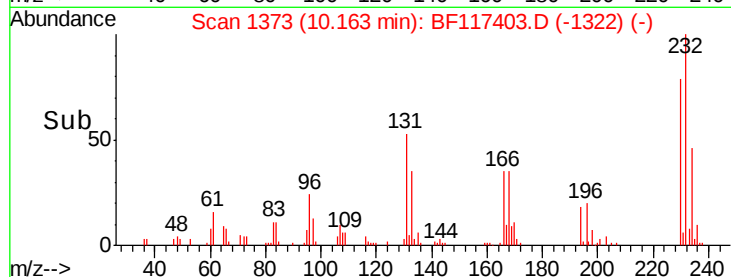
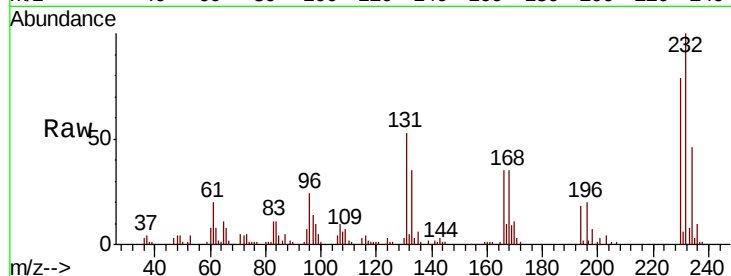
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.660 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB123882BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	53.3	44.5	66.7
130	2.3	2.0	3.0
166	34.8	27.1	40.7

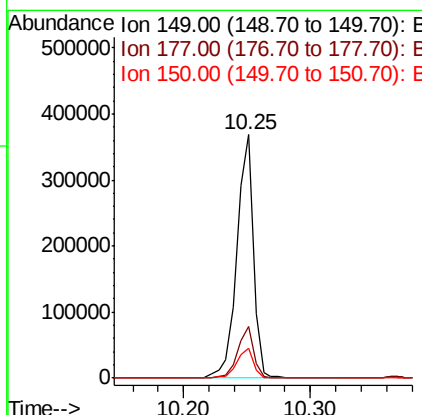
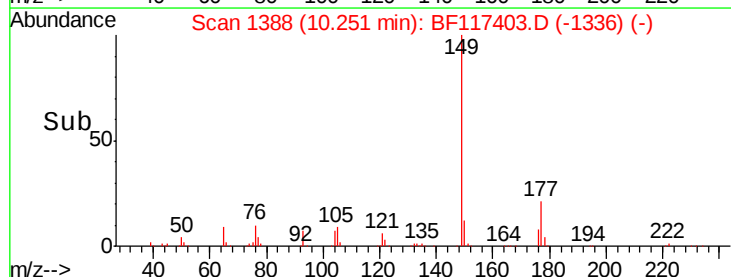
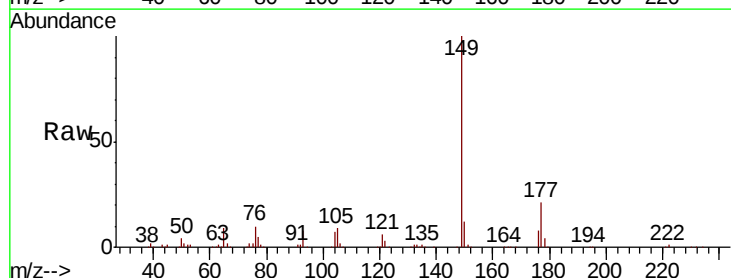
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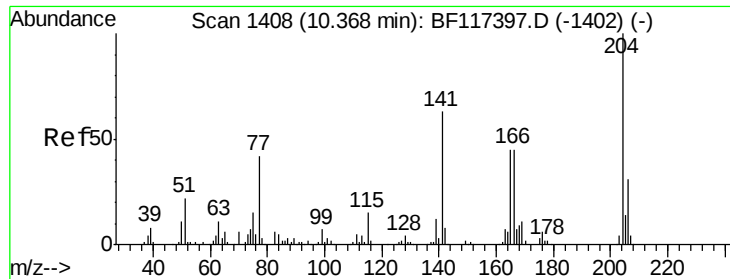
mohammad
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#60
 Diethylphthalate
 Concen: 39.734 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.5	24.7
150	12.3	10.1	15.1





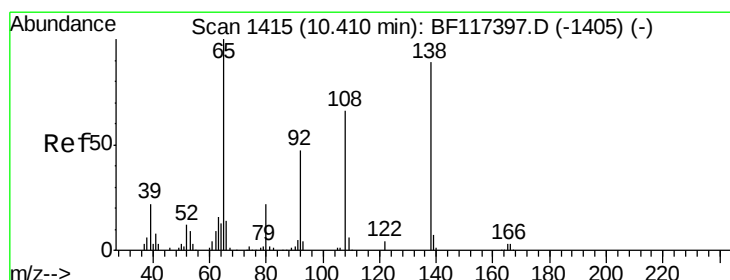
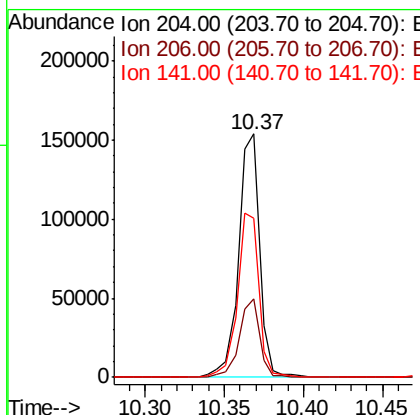
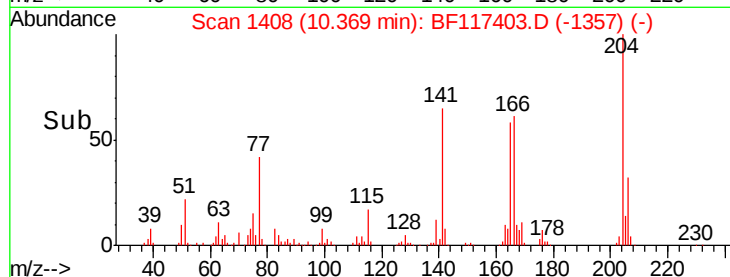
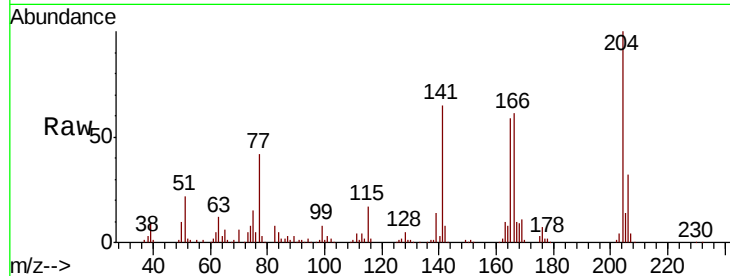
#61
 4-Chlorophenyl-phenylether
 Concen: 40.892 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB123882BS

Tot Ion:	204	Resp:	142285
Ion Ratio	Lower	Upper	
204	100		
206	32.3	25.0	37.4
141	65.3	50.7	76.1

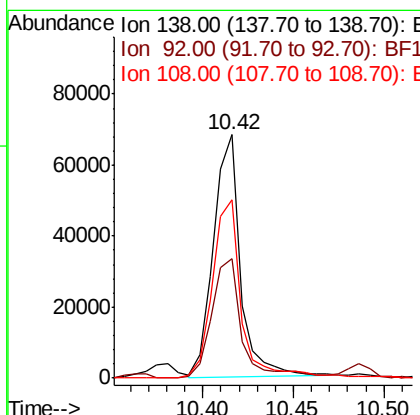
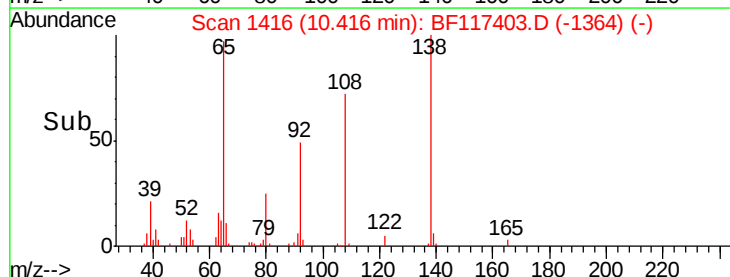
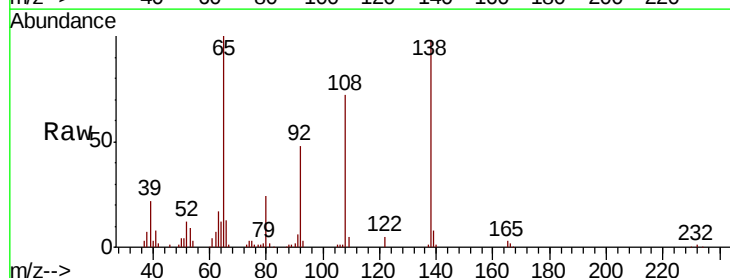
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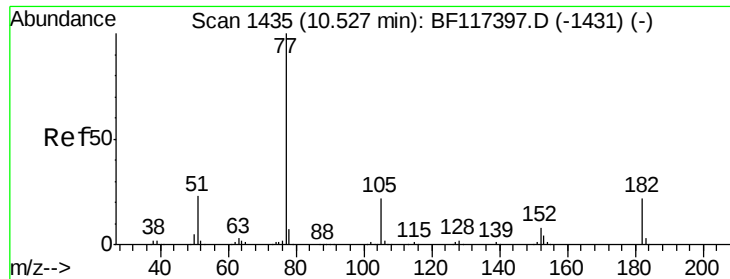
mohammad
 10/16/2019 8:10:29 AM



#62
 4-Nitroaniline
 Concen: 35.247 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Tgt Ion:	138	Resp:	70446
Ion Ratio	Lower	Upper	
138	100		
92	49.1	32.4	72.4
108	73.1	53.8	93.8





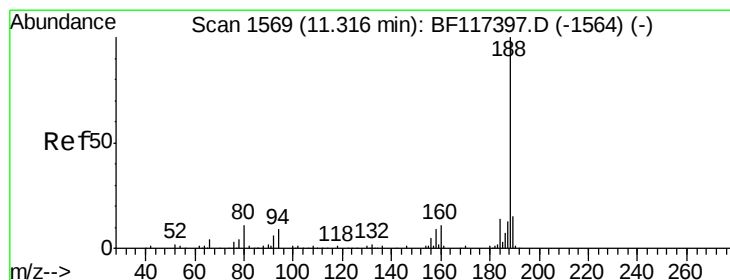
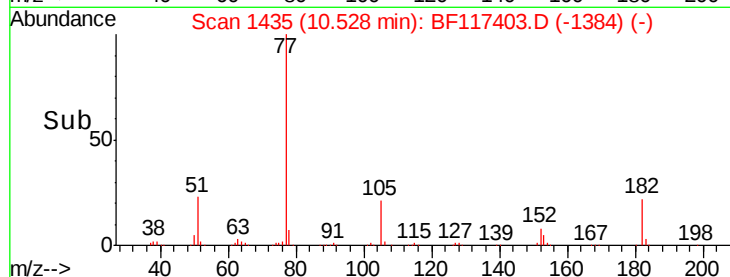
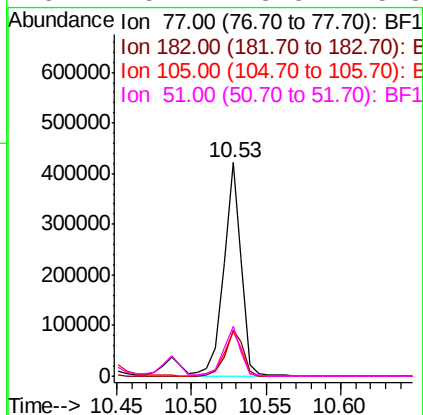
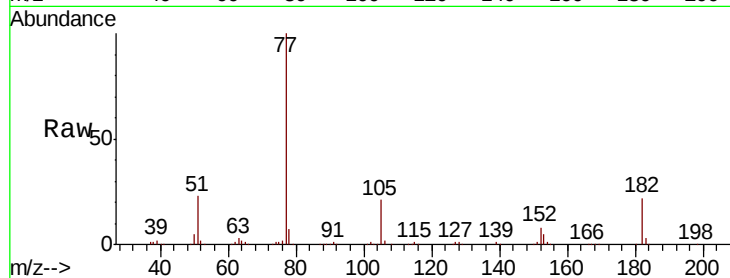
#63
Azobenzene
Concen: 41.095 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	21.6	1.5	41.5		
105	21.1	1.8	41.8		
51	23.4	3.3	43.3		

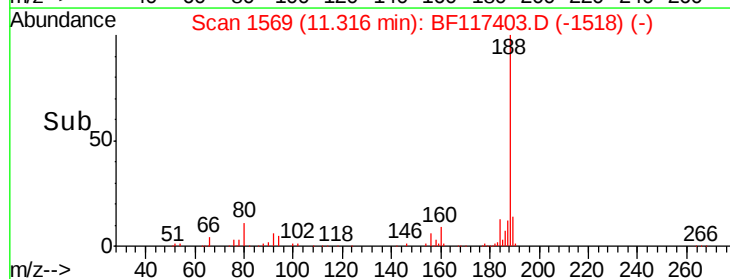
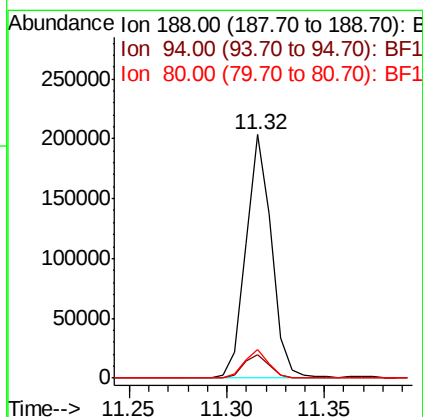
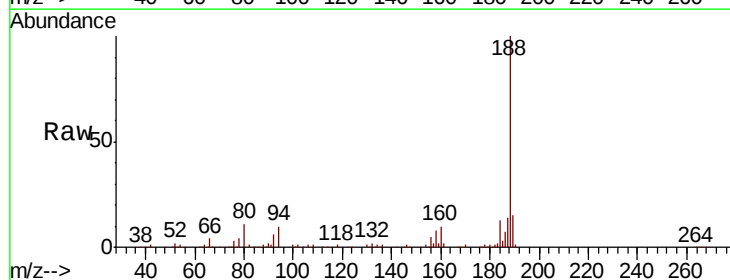
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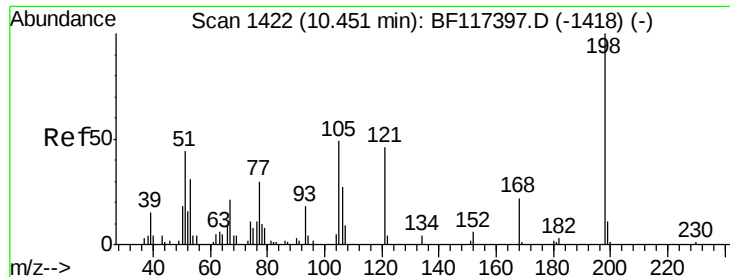
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.5	7.5	11.3		
80	11.5	8.7	13.1		





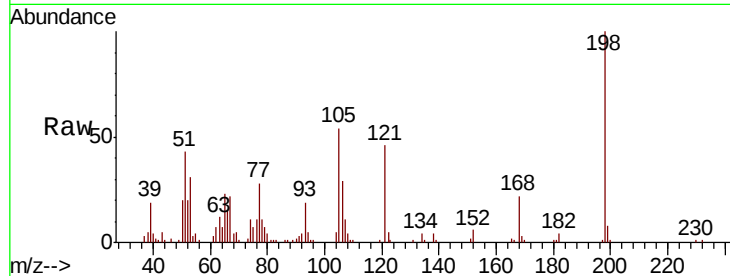
#65
4,6-Dinitro-2-methylphenol
Concen: 45.933 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	45237		
51	42.7	25.9	65.9	
105	53.9	29.4	69.4	

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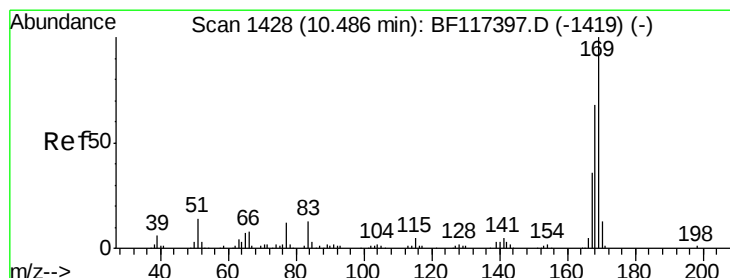
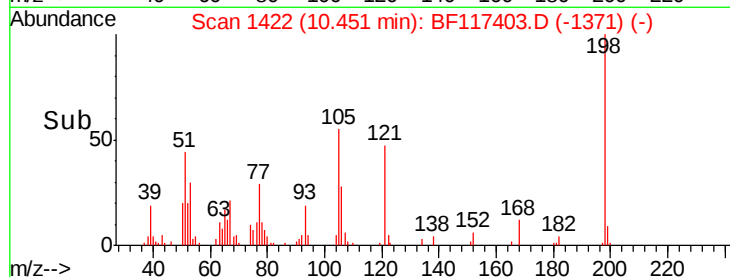
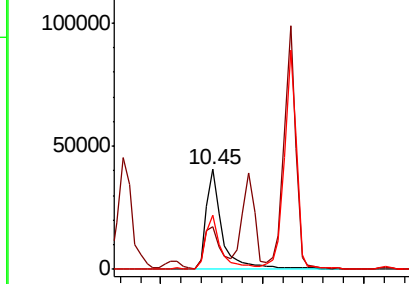


Abundance

Ion 198.00 (197.70 to 198.70): E

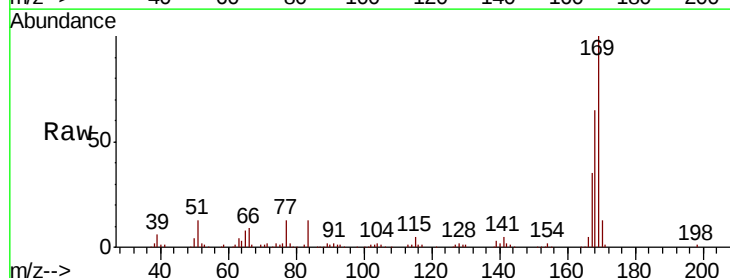
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 40.408 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	279953		
168	64.8	54.1	81.1	
167	35.4	28.8	43.2	

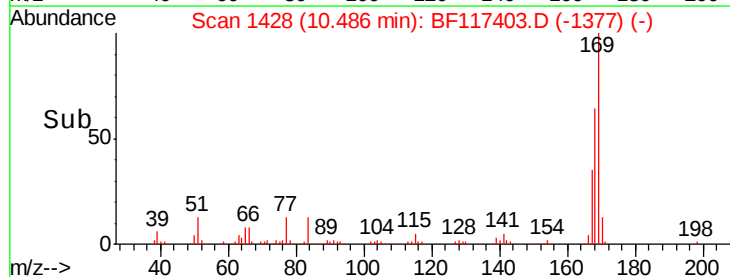
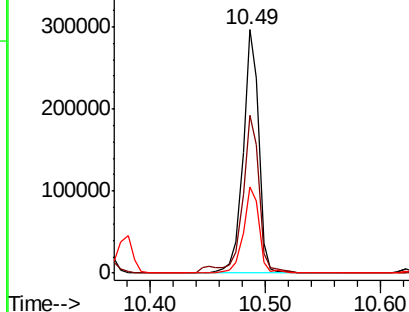


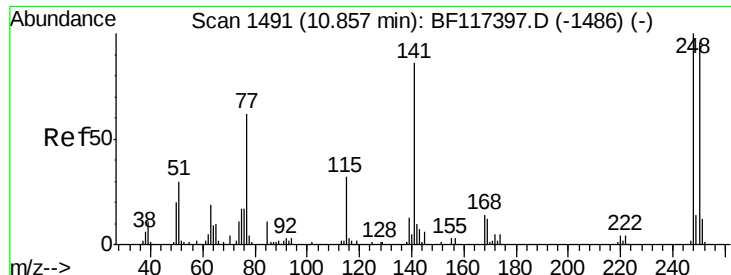
Abundance

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





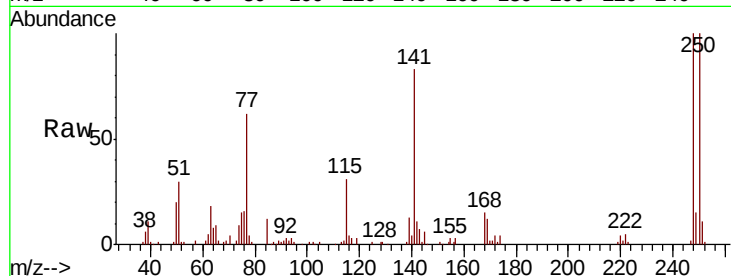
#67
 4-Bromophenyl-phenylether
 Concen: 38.613 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Instrument :
 BNA_F
 ClientSampled :
 PB123882BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.1	77.1	115.7
141	83.1	69.1	103.7

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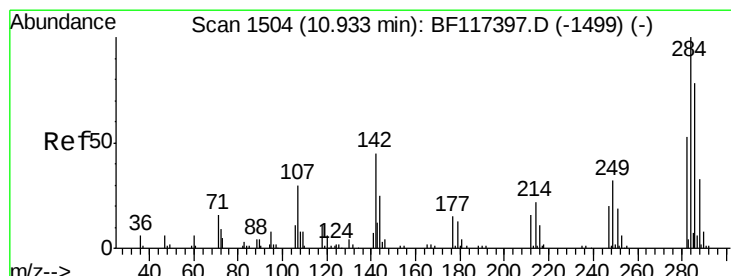
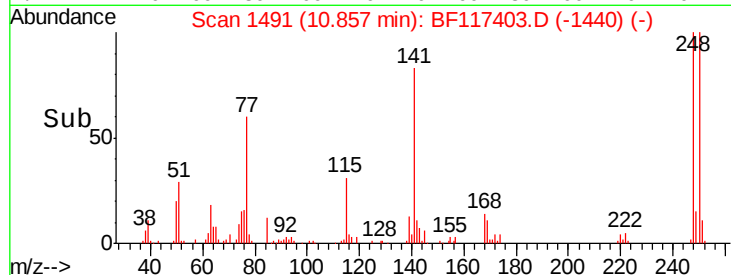
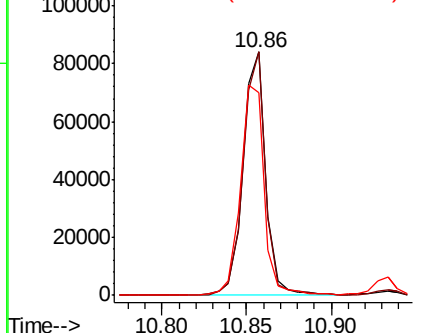


Abundance

Ion 248.00 (247.70 to 248.70): E

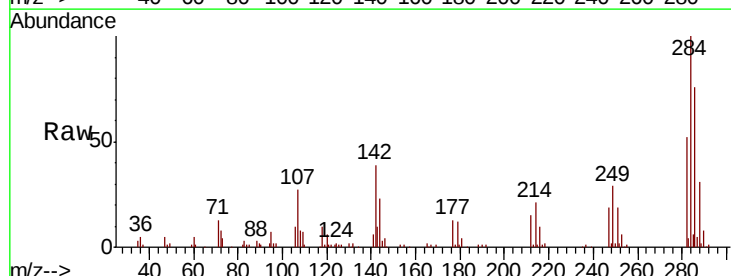
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.222 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.2	35.7	53.5
249	29.2	25.8	38.6

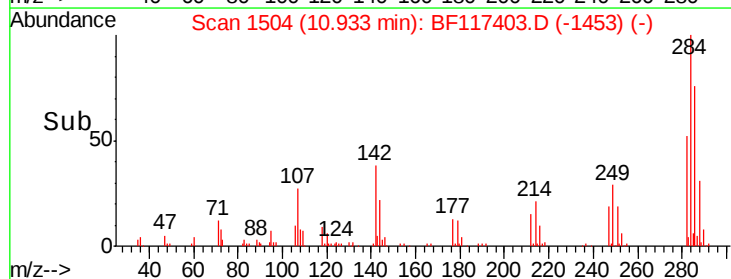
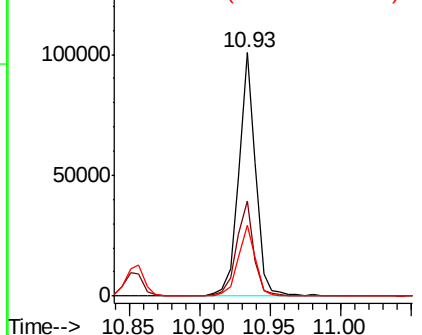


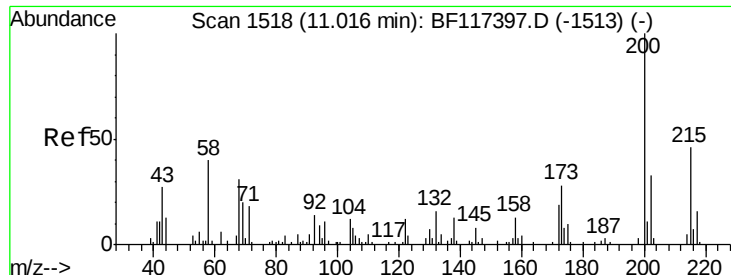
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





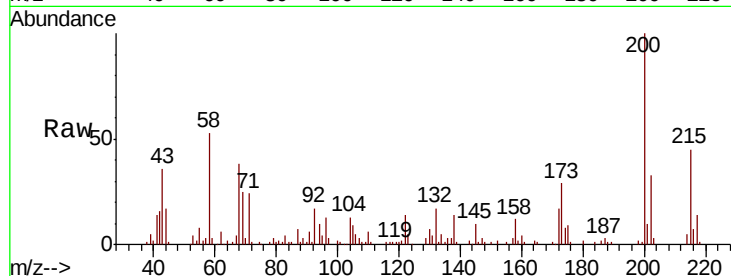
#69
Atrazine
Concen: 71.599 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.1	8.0	48.0
215	44.6	25.8	65.8

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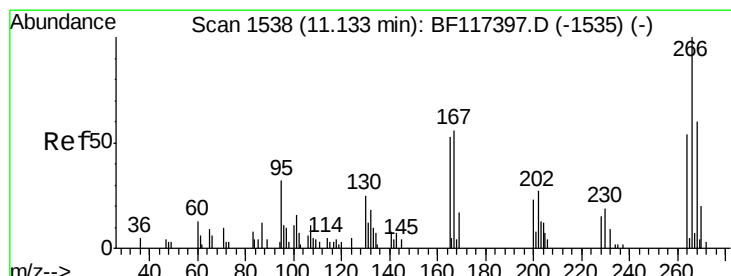
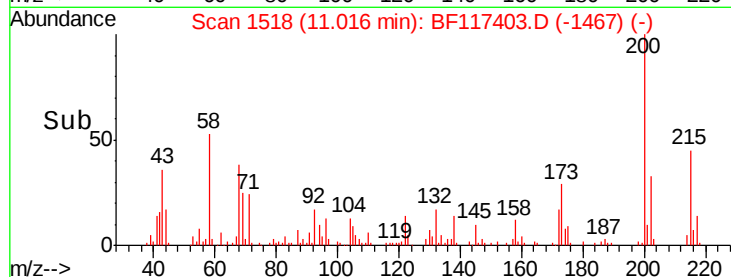
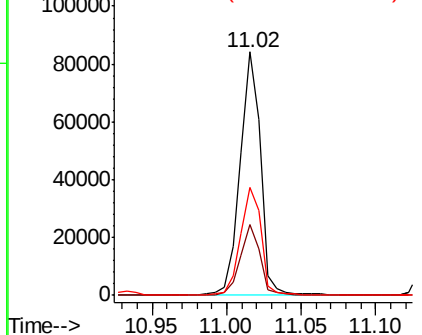


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 98.405 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

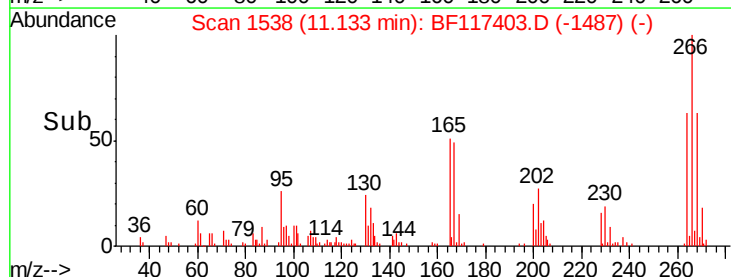
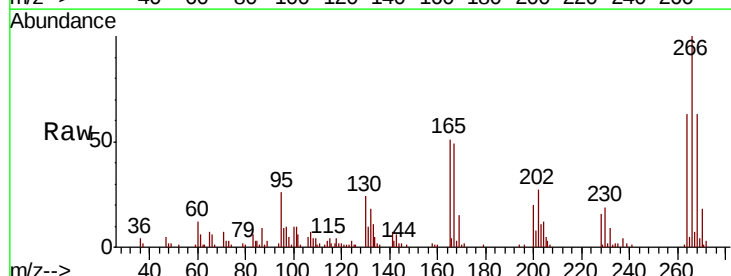
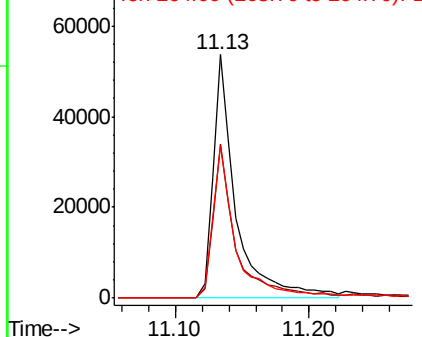
Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	47.8	71.6
264	62.6	42.9	64.3

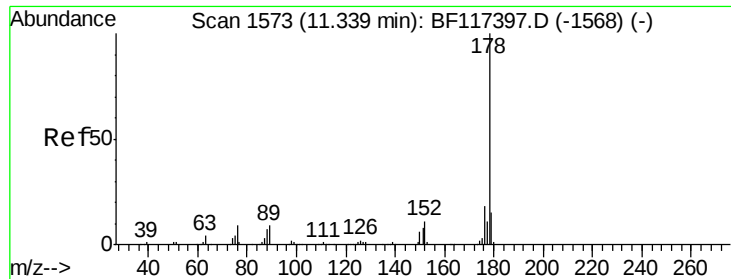
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.156 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

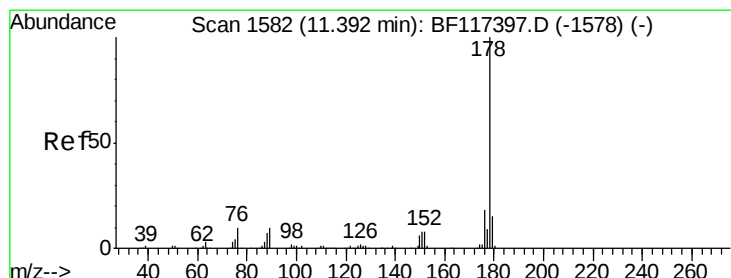
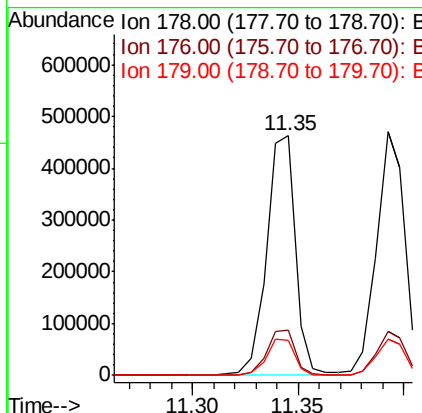
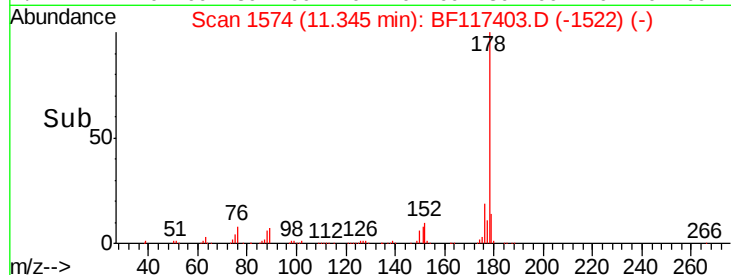
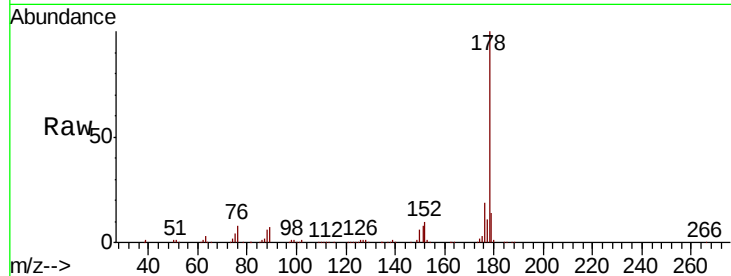
ClientSampleId :

PB123882BS

Tot Ion:178	Resp:	440237
Ion Ratio	Lower	Upper
178	100	
176	19.0	14.6 22.0
179	14.5	12.3 18.5

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#72

Anthracene

Concen: 40.930 ng

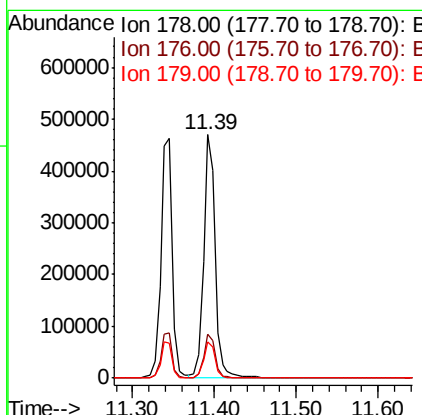
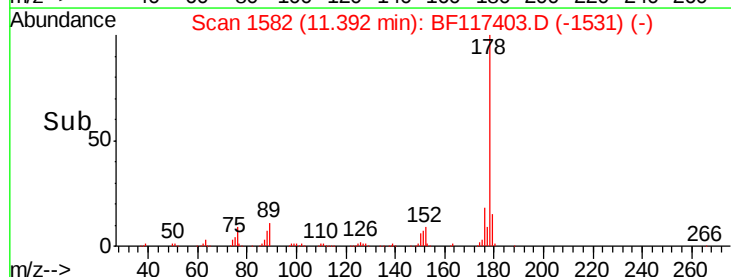
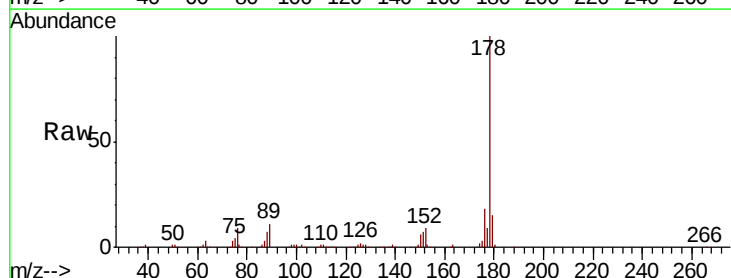
RT: 11.39 min Scan# 1582

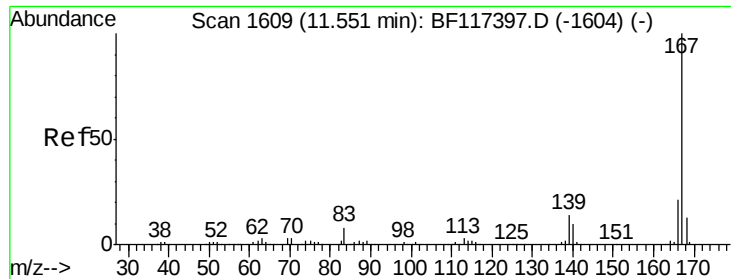
Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Tgt Ion:178	Resp:	463221
Ion Ratio	Lower	Upper
178	100	
176	18.0	14.4 21.6
179	14.9	12.1 18.1





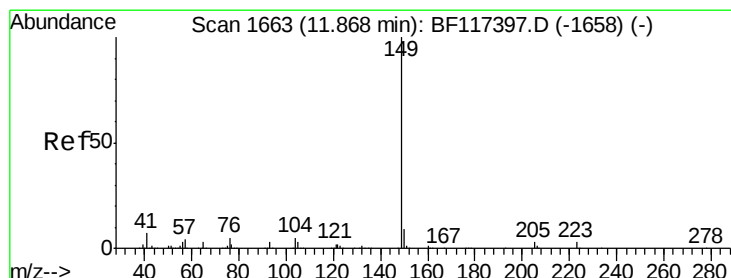
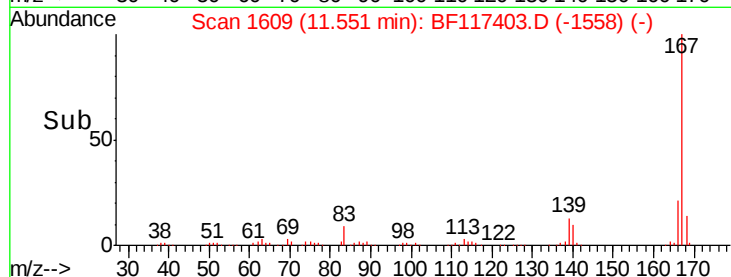
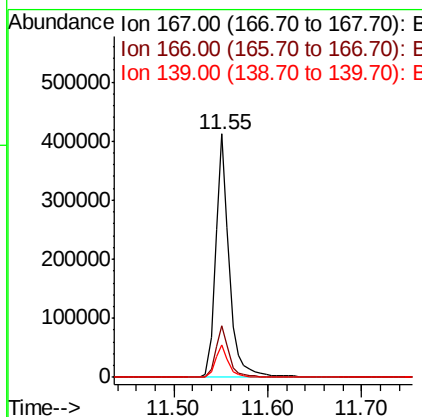
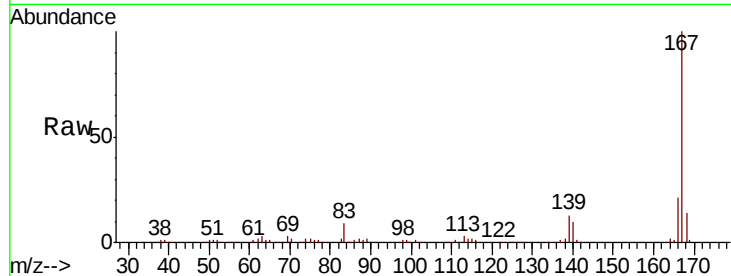
#73
 Carbazole
 Concen: 40.839 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB123882BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	419835		
166	21.3		17.0	25.4
139	13.2		10.8	16.2

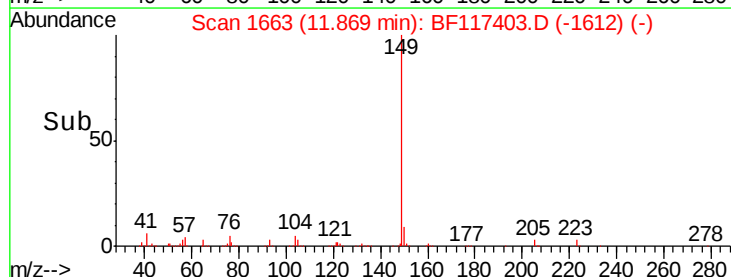
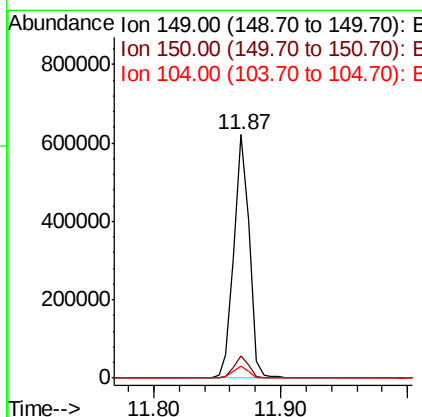
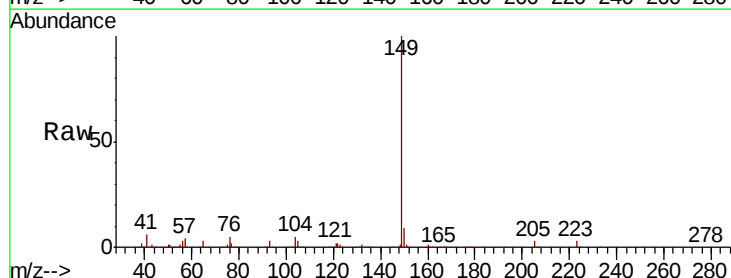
Manual Integrations
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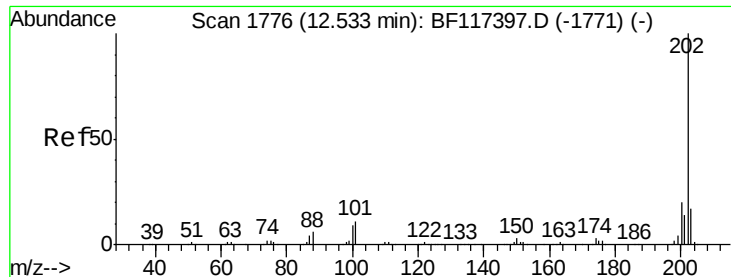
mohammad
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#74
 Di-n-butylphthalate
 Concen: 37.079 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	516162		
150	9.4		7.0	10.6
104	4.9		4.2	6.2





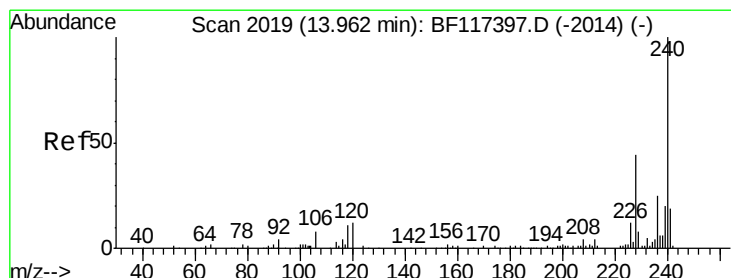
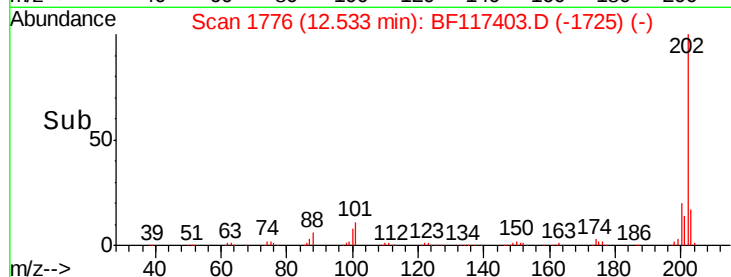
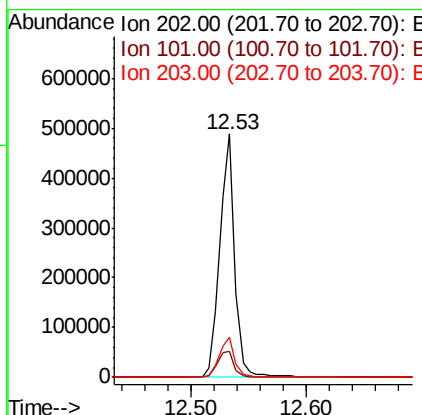
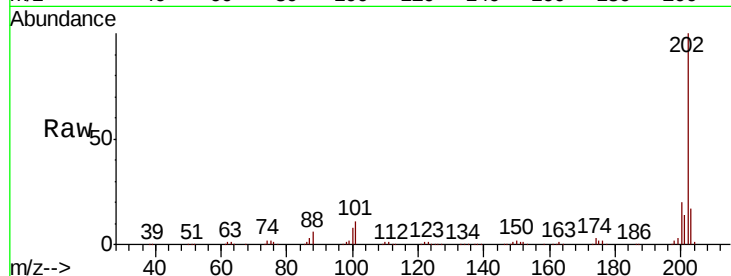
#75
 Fluoranthene
 Concen: 40.383 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB123882BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	0.0	31.3
203	16.6	0.0	36.9

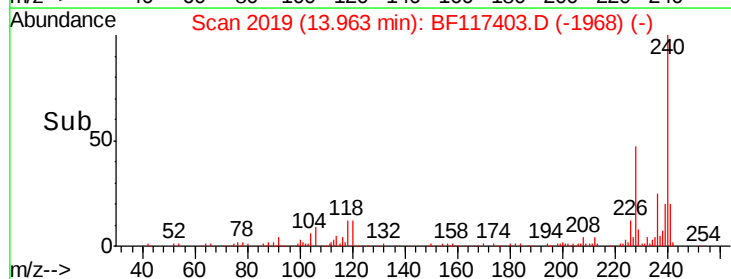
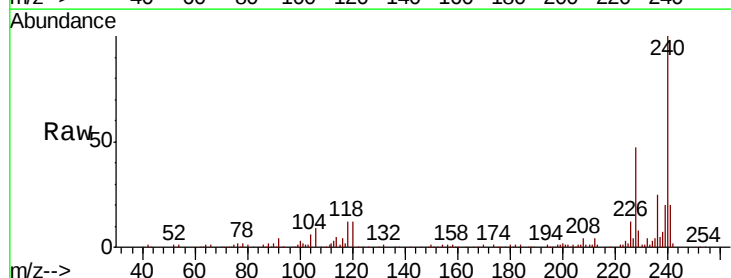
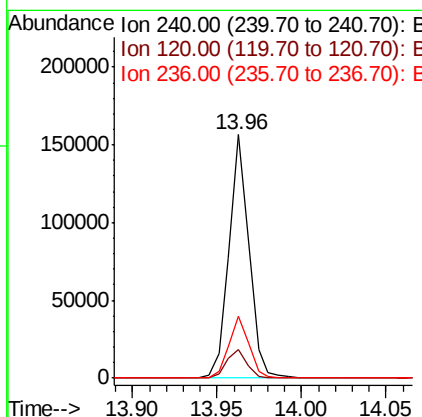
Manual Integrations
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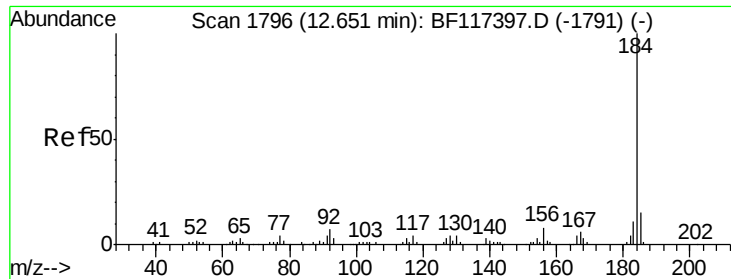
mohammad
 10/16/2019 8:10:29 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.7	9.4	14.0
236	25.4	19.8	29.6





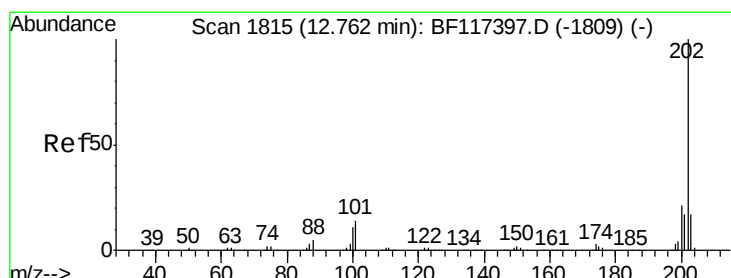
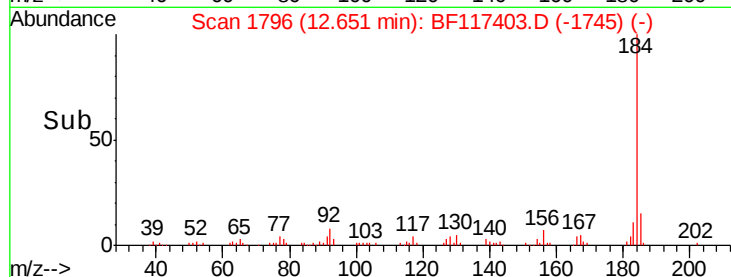
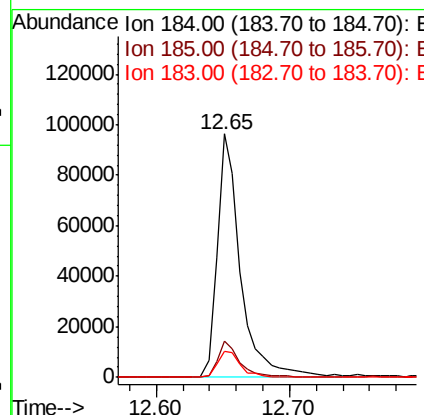
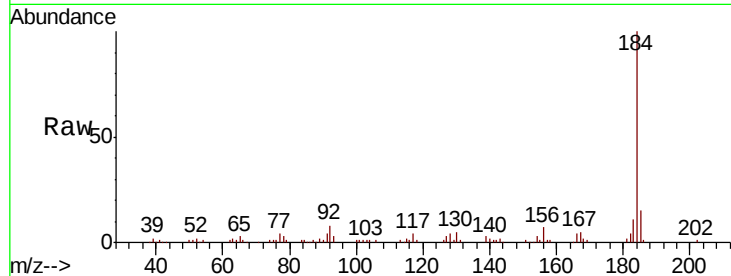
#77
Benzidine
Concen: 37.110 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.2	18.2
183	10.6	8.9	13.3

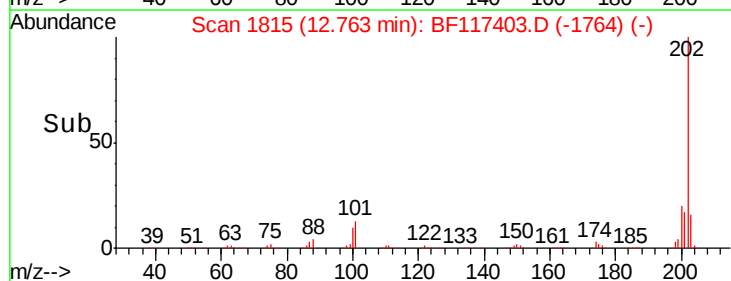
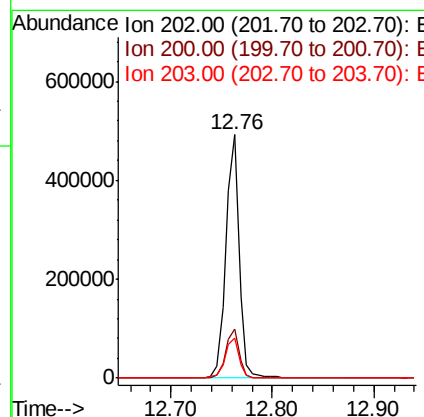
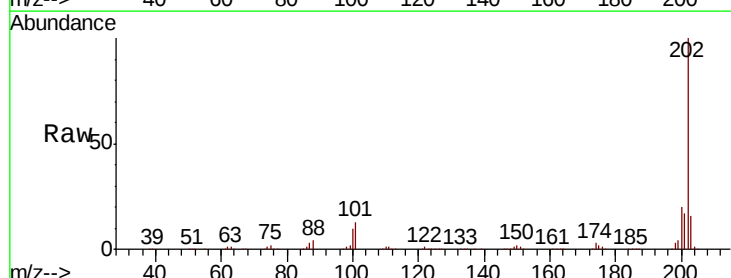
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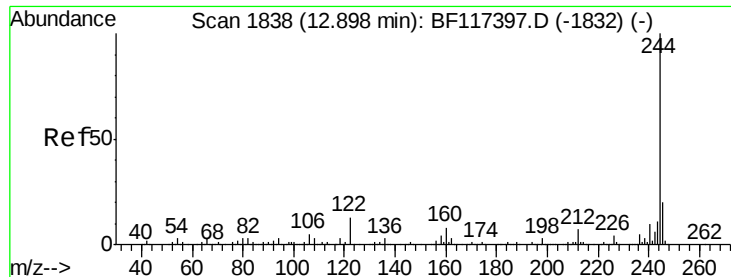
mohammad
10/16/2019 8:10:29 AM



#78
Pyrene
Concen: 39.263 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.8	25.2
203	16.4	14.0	21.0





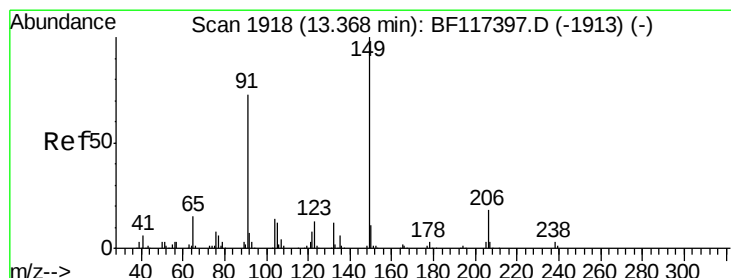
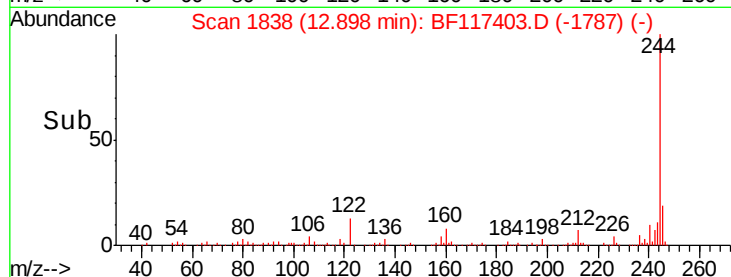
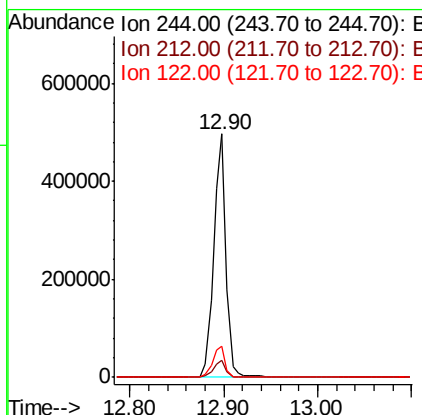
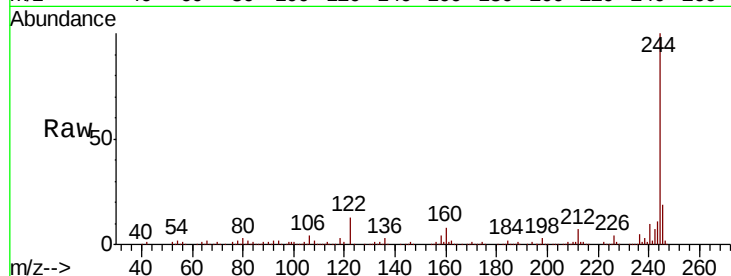
#79
 Terphenyl-d14
 Concen: 57.893 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB123882BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	12.7	10.7	16.1

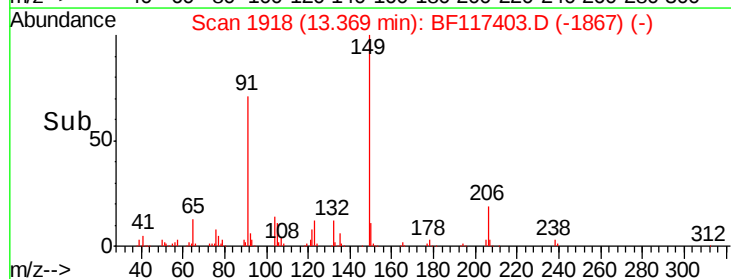
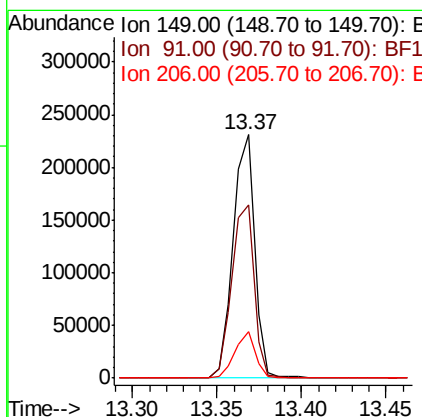
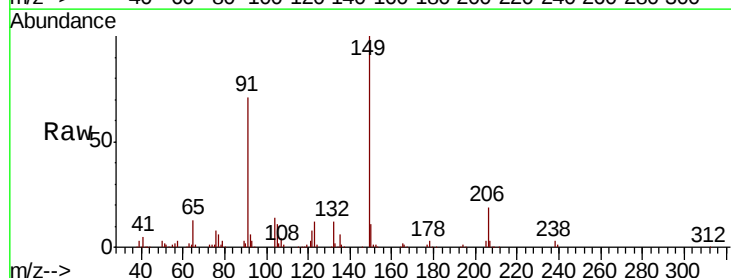
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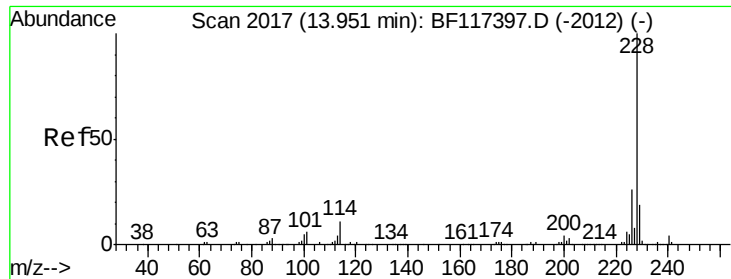
mohammad
 10/16/2019 8:10:29 AM



#80
 Butylbenzylphthalate
 Concen: 35.783 ng
 RT: 13.37 min Scan# 1918
 Delta R.T. 0.00 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.3	58.5	87.7
206	19.2	14.4	21.6





#81

Benzo(a)anthracene

Concen: 39.784 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

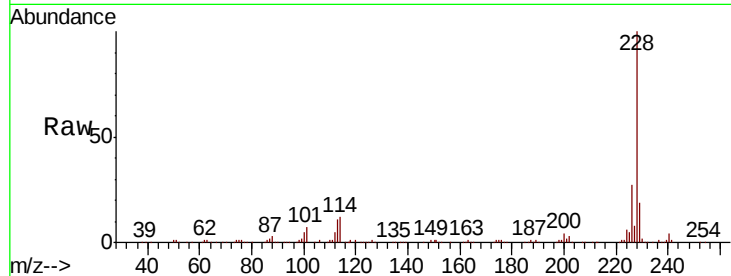
ClientSampleId :

PB123882BS

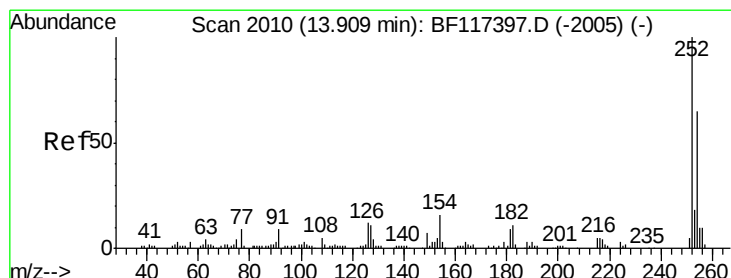
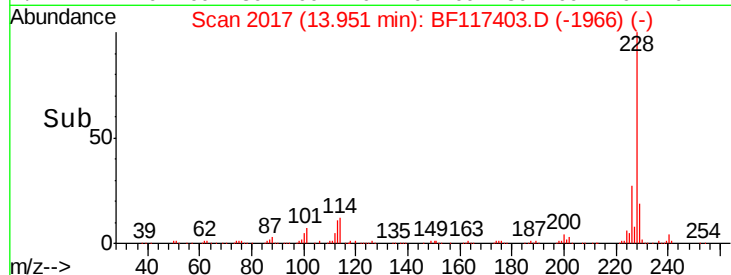
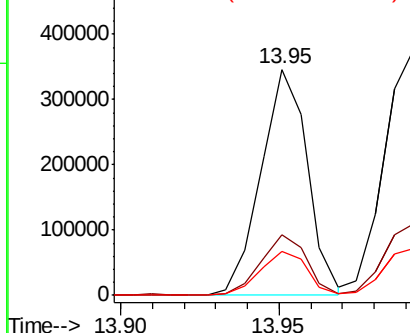
Tot Ion:	228	Resp:	351420
Ion Ratio	Lower	Upper	
228	100		
226	26.7	20.9	31.3
229	19.2	15.2	22.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.729 ng

RT: 13.91 min Scan# 2010

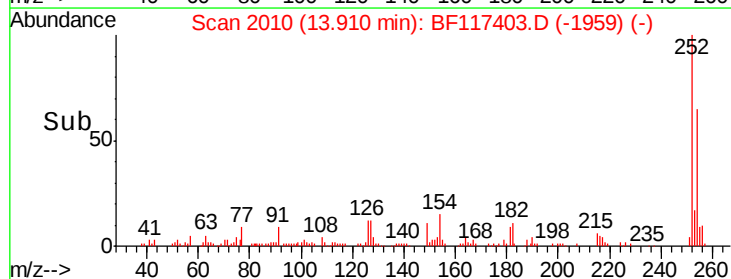
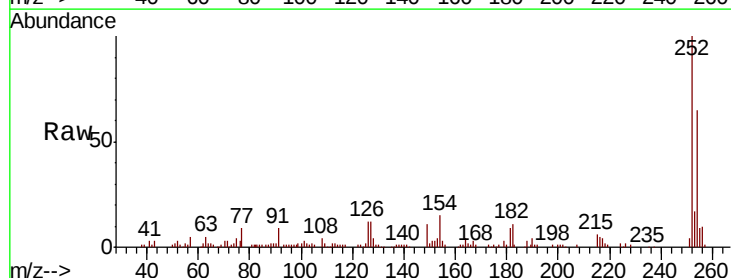
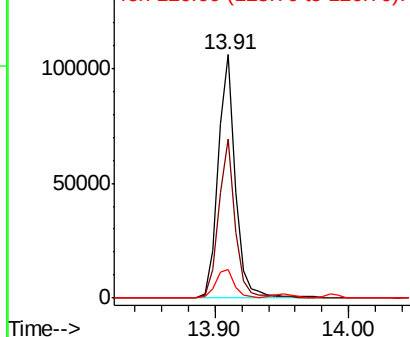
Delta R.T. 0.00 min

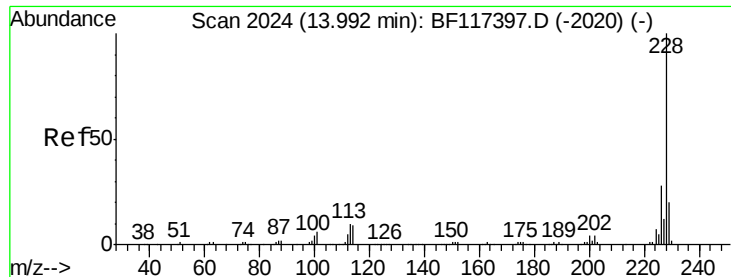
Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Tgt Ion:	252	Resp:	96993
Ion Ratio	Lower	Upper	
252	100		
254	65.2	51.6	77.4
126	11.8	9.6	14.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





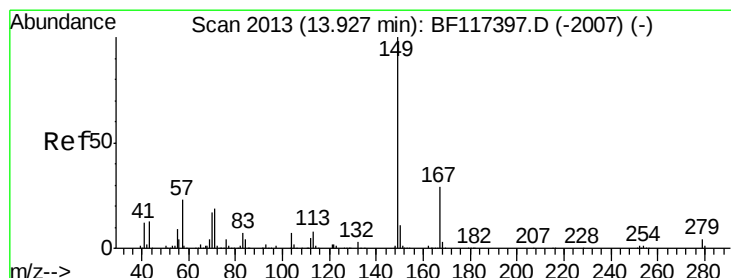
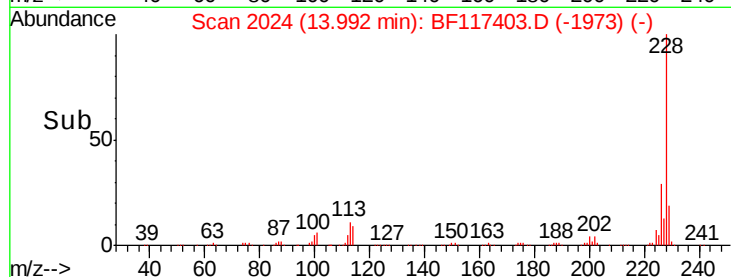
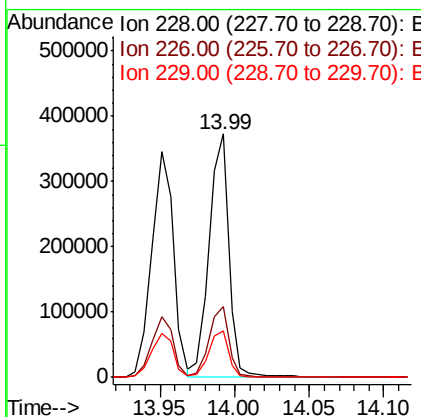
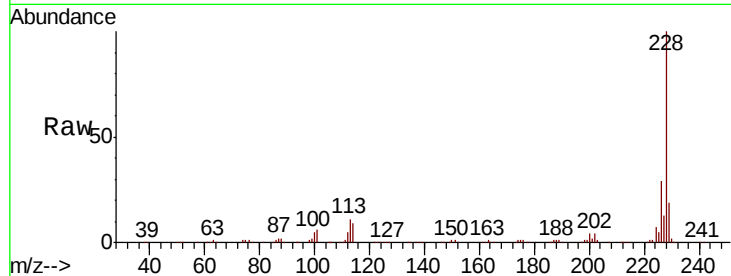
#83
 Chrvsene
 Concen: 39.149 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB123882BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.8	34.2
229	19.2	15.7	23.5

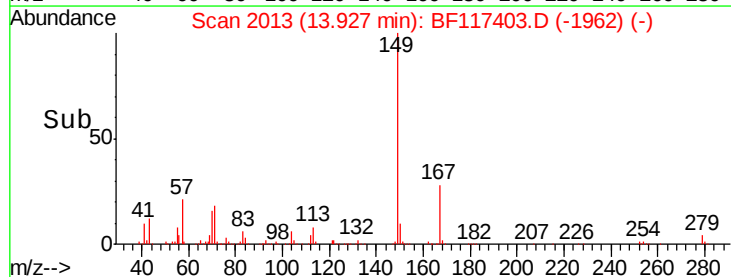
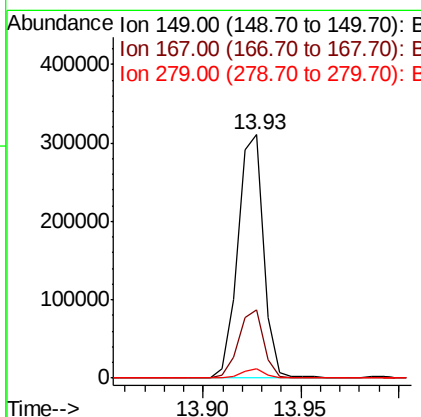
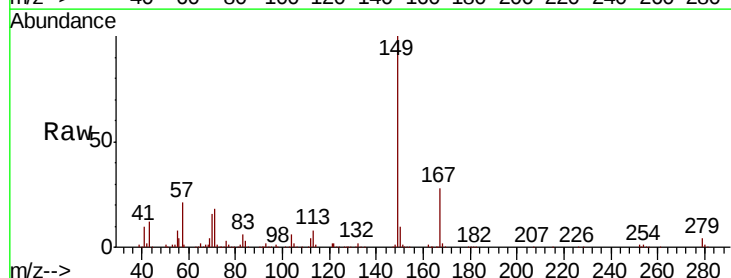
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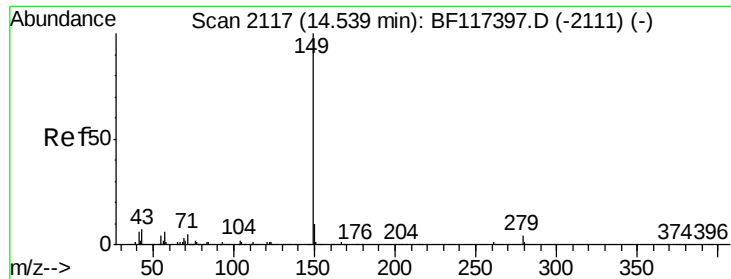
mohammad
 10/16/2019 8:10:29 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.177 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.0	34.6
279	4.0	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 38.473 ng

RT: 14.54 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

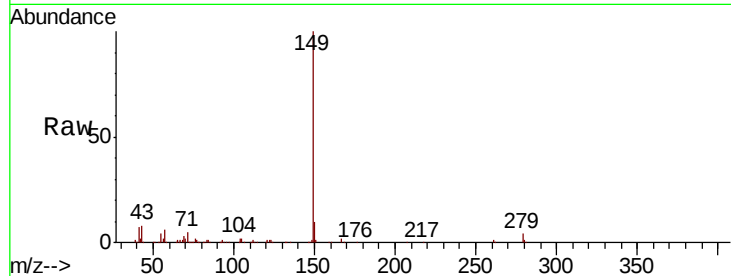
ClientSampleId :

PB123882BS

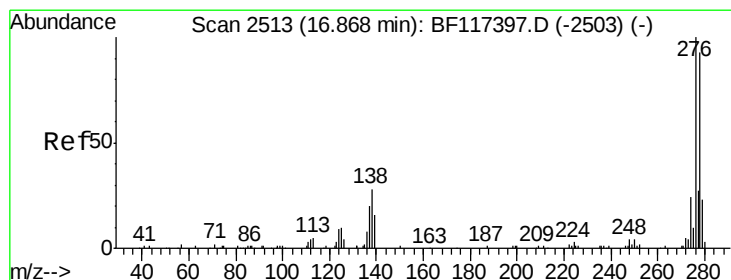
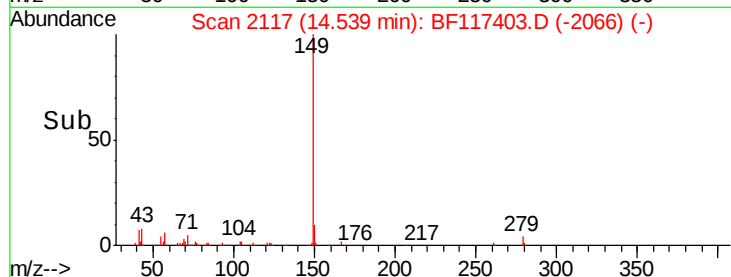
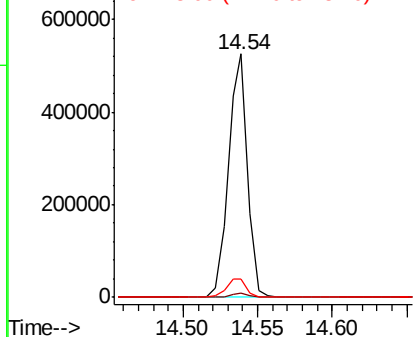
Tot Ion	Ratio	Resp	Lower	Upper
149	100	472577		
167	1.5		1.1	1.7
43	8.3		6.6	9.8

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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: 37.258 ng

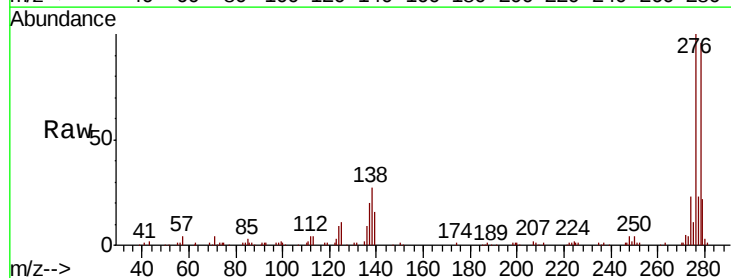
RT: 16.87 min Scan# 2514

Delta R.T. 0.01 min

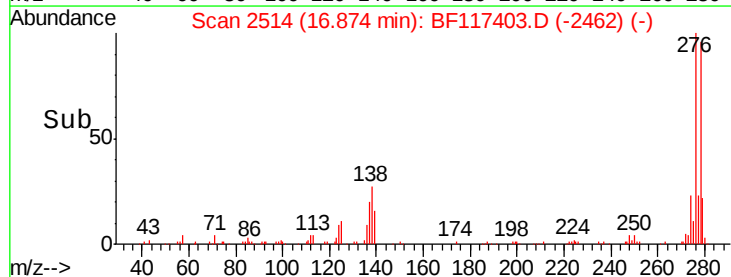
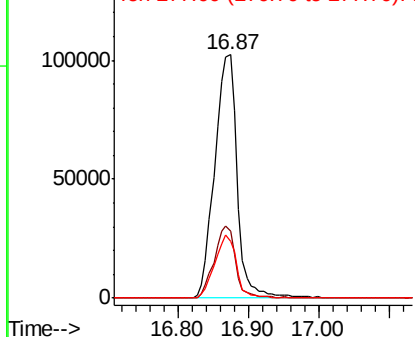
Lab File: BF117403.D

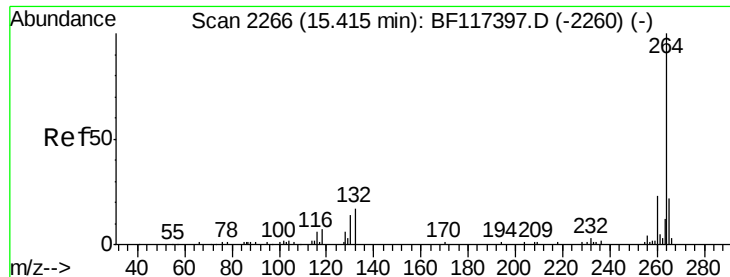
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	226938		
138	28.0		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





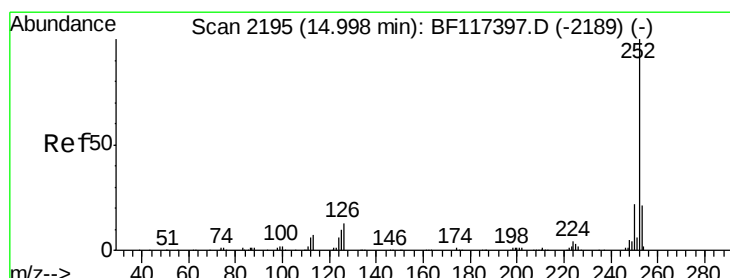
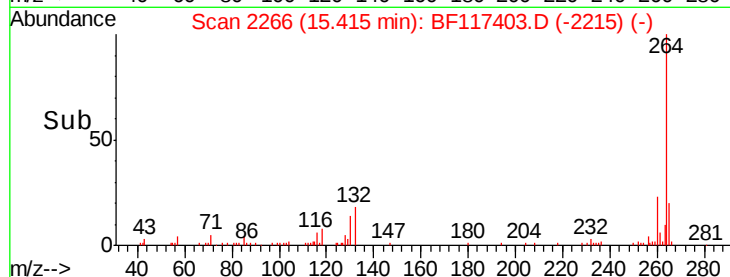
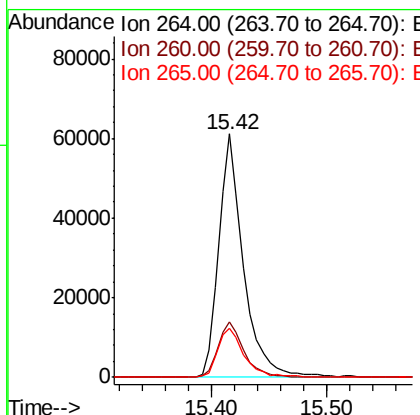
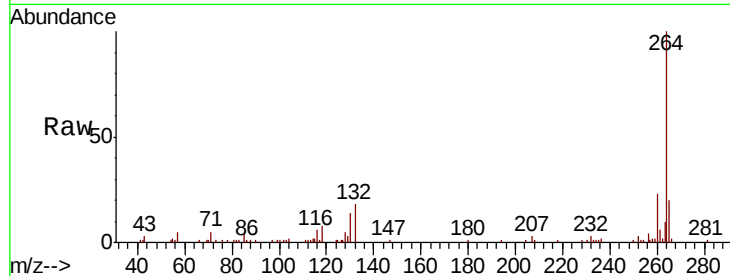
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	20.4	17.4	26.0

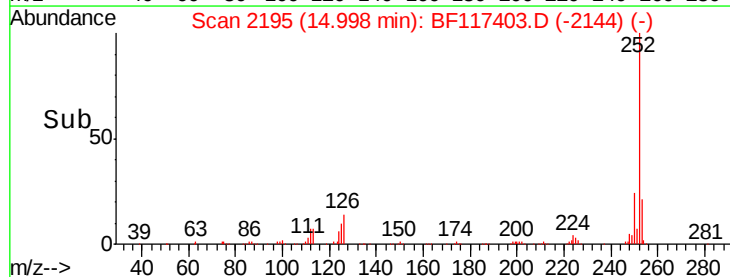
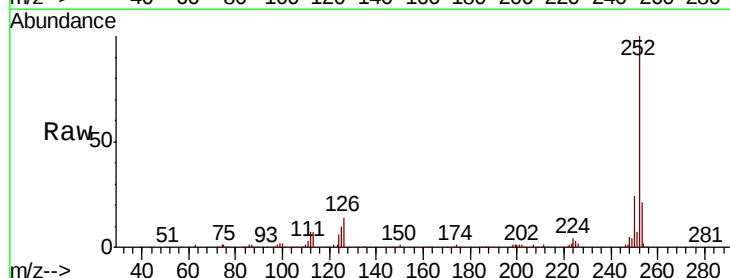
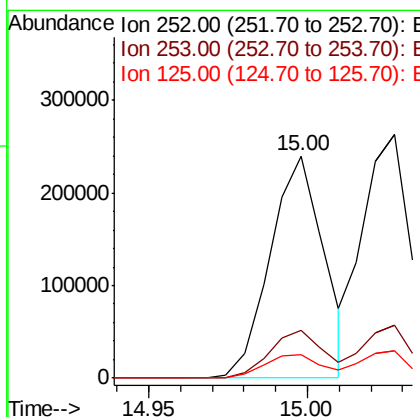
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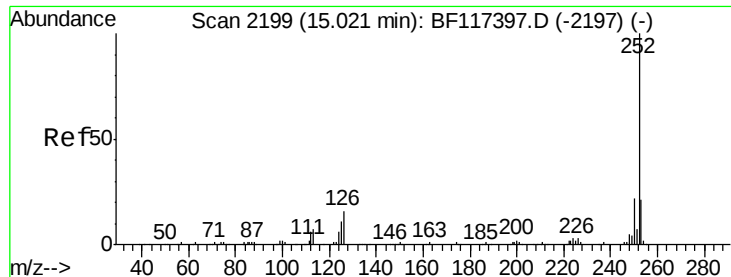
mohammad
10/16/2019 8:10:29 AM



#88
Benzo(b)fluoranthene
Concen: 50.089 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	10.5	8.2	12.2





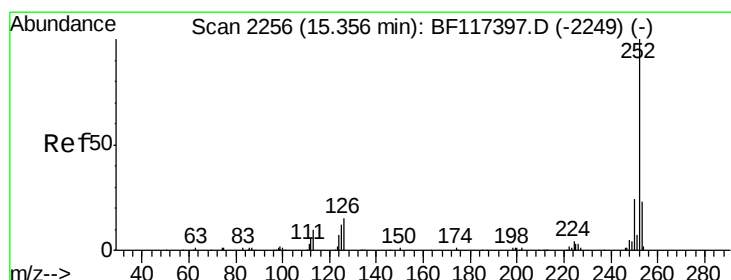
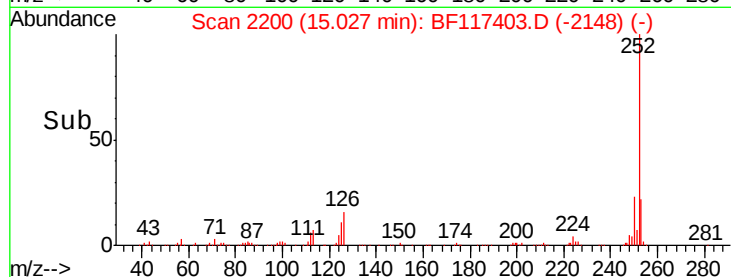
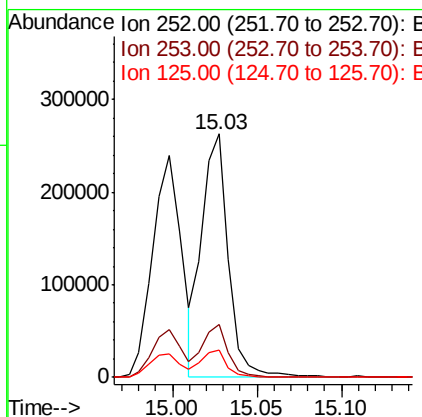
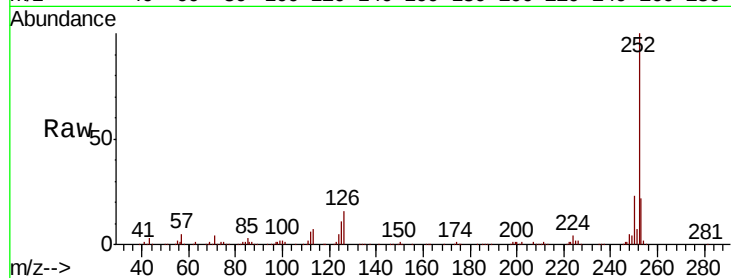
#89
Benzo(k)fluoranthene
Concen: 51.238 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	11.1	9.4	14.2

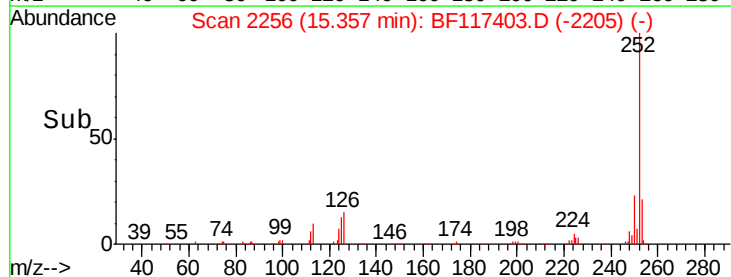
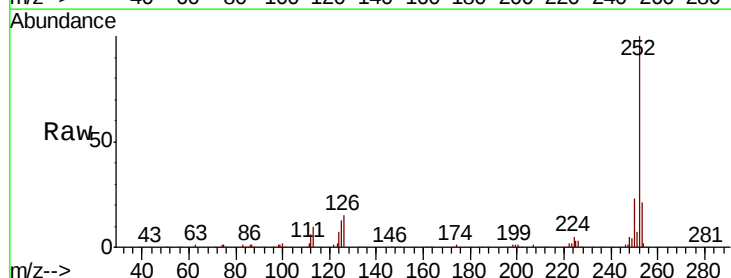
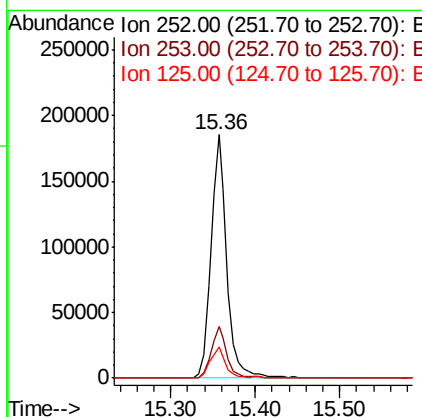
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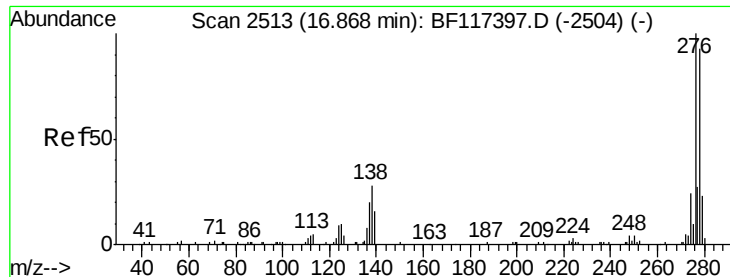
mohammad
10/16/2019 8:10:29 AM



#90
Benzo(a)pyrene
Concen: 49.287 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	12.8	9.4	14.0





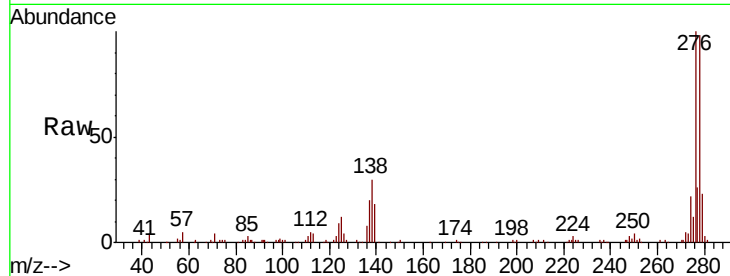
#91
Dibenzo(a,h)anthracene
Concen: 46.122 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :
PB123882BS

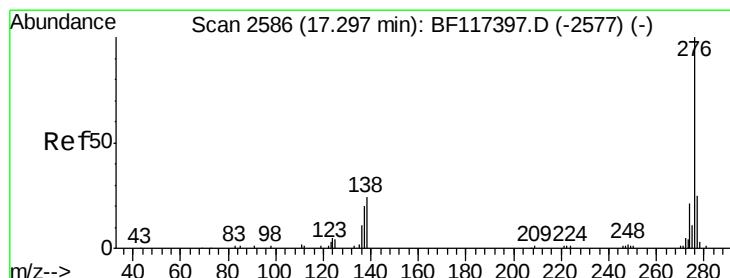
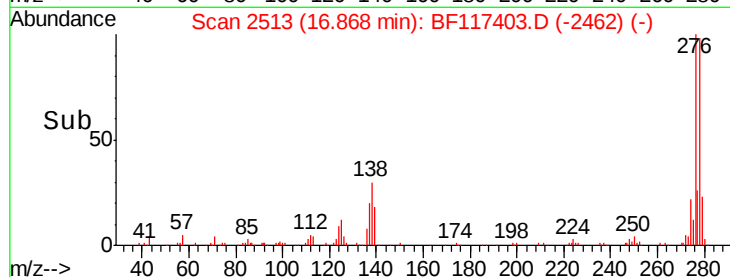
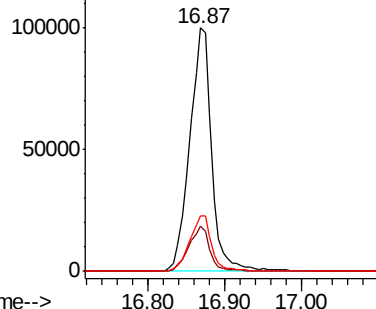
Tot Ion:278	Resp:	196974
Ion Ratio	Lower	Upper
278 100		
139 18.7	14.1	21.1
279 23.0	19.8	29.6

Manual Integrations
APPROVED

mohammad
10/16/2019 8:10:29 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: 45.575 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion:276	Resp:	185272
Ion Ratio	Lower	Upper
276 100		
277 23.7	19.9	29.9
138 23.7	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

