

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117962.D
 Acq On : 23 Nov 2019 17:48
 Operator : JU
 Sample : K5951-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-4FTMS

Manual Integrations
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mohammad
 11/25/2019 2:32:20 PM

Quant Time: Nov 25 08:28:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	143681	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	486905	20.00	ng	-0.02
39) Acenaphthene-d10	9.96	164	309098	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	617759	20.00	ng	-0.02
76) Chrysene-d12	14.10	240	452264	20.00	ng	-0.02
87) Perylene-d12	15.60	264	402574	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	867436	106.87	ng	-0.01
7) Phenol-d6	6.53	99	1137101	116.14	ng	-0.01
23) Nitrobenzene-d5	7.47	82	717333	87.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	396459	121.15	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1367249	79.36	ng	-0.02
79) Terphenyl-d14	13.04	244	1643451	66.41	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	124341	32.771	ng	98
3) Pyridine	3.47	79	325088	32.663	ng	95
4) n-Nitrosodimethylamine	3.43	42	165248	38.035	ng	98
6) Aniline	6.56	93	400400	30.948	ng	98
8) 2-Chlorophenol	6.69	128	428033	48.597	ng	96
9) Benzaldehyde	6.45	77	202088	29.472	ng	98
10) Phenol	6.55	94	529497	52.045	ng	98
11) bis(2-Chloroethyl)ether	6.64	93	379347	46.432	ng	96
12) 1,3-Dichlorobenzene	6.85	146	463539	44.703	ng	98
13) 1,4-Dichlorobenzene	6.92	146	474910	45.310	ng	99
14) 1,2-Dichlorobenzene	7.07	146	459581	45.847	ng	100
15) Benzyl Alcohol	7.05	79	369001	48.818	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	498720	39.648	ng	98
17) 2-Methylphenol	7.16	107	338784	45.420	ng	98
18) Hexachloroethane	7.42	117	171720	44.598	ng	96
19) n-Nitroso-di-n-propylamine	7.32	70	255123	42.239	ng	98
20) 3+4-Methylphenols	7.30	107	427357	46.156	ng	# 87
22) Acetophenone	7.32	105	529371	48.392	ng	# 96
24) Nitrobenzene	7.49	77	422999	50.060	ng	97
25) Isophorone	7.73	82	796521	53.058	ng	98
26) 2-Nitrophenol	7.80	139	239208	58.162	ng	98
27) 2,4-Dimethylphenol	7.84	122	383468	60.003	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	427493	44.874	ng	99
29) 2,4-Dichlorophenol	8.05	162	324672	46.836	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	354448	44.081	ng	98
31) Naphthalene	8.22	128	1119556	49.322	ng	98
32) Benzoic acid	7.96	122	269514	50.367	ng	99
33) 4-Chloroaniline	8.26	127	161953	15.937	ng	98
34) Hexachlorobutadiene	8.33	225	204073	43.409	ng	100
35) Caprolactam	8.63	113	128161m	58.172	ng	
36) 4-Chloro-3-methylphenol	8.75	107	393849	55.983	ng	98
37) 2-Methylnaphthalene	8.91	142	851050	55.490	ng	98
38) 1-Methylnaphthalene	9.01	142	811043	55.936	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	384813	42.869	ng	99

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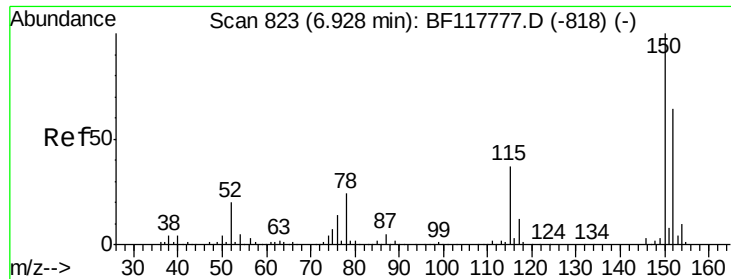
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	473598	94.146	nq	99
43) 2,4,6-Trichlorophenol	9.19	196	280147	43.572	nq	98
44) 2,4,5-Trichlorophenol	9.23	196	300866	45.069	nq	99
46) 1,1'-Biphenyl	9.37	154	1036902	45.216	nq	99
47) 2-Chloronaphthalene	9.40	162	826206	43.795	nq	97
48) 2-Nitroaniline	9.49	65	246074	43.205	nq	98
49) Acenaphthylene	9.82	152	1328913	48.316	nq	99
50) Dimethylphthalate	9.67	163	1207533	55.710	nq	99
51) 2,6-Dinitrotoluene	9.73	165	230347	48.625	nq	94
52) Acenaphthene	9.99	154	920119	52.222	nq	99
53) 3-Nitroaniline	9.90	138	139255	24.567	nq	95
54) 2,4-Dinitrophenol	10.02	184	249388	100.430	nq	93
55) Dibenzofuran	10.16	168	1169410	47.930	nq	99
56) 4-Nitrophenol	10.07	139	382392	90.376	nq	97
57) 2,4-Dinitrotoluene	10.15	165	312682	51.889	nq	87
58) Fluorene	10.51	166	803845	42.516	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.28	232	264170	48.162	nq	98
60) Diethylphthalate	10.37	149	980031	46.377	nq	99
61) 4-Chlorophenyl-phenylether	10.50	204	395135	41.181	nq	99
62) 4-Nitroaniline	10.52	138	228635	40.284	nq	98
63) Azobenzene	10.66	77	896710	46.642	nq	97
65) 4,6-Dinitro-2-methylphenol	10.55	198	168068	58.278	nq	84
66) n-Nitrosodiphenylamine	10.62	169	828673	46.092	nq	100
67) 4-Bromophenyl-phenylether	10.99	248	285750	42.870	nq	95
68) Hexachlorobenzene	11.06	284	338204	43.514	nq	98
69) Atrazine	11.15	200	285993	48.358	nq	99
70) Pentachlorophenol	11.25	266	389811	85.845	nq	98
71) Phenanthrene	11.47	178	1402541	45.157	nq	99
72) Anthracene	11.53	178	1455381	47.262	nq	99
73) Carbazole	11.68	167	1326407	49.291	nq	99
74) Di-n-butylphthalate	12.00	149	1556376	46.452	nq	100
75) Fluoranthene	12.67	202	1487353	54.111	nq	100
77) Benzidine	12.79	184	661493	44.652	nq	98
78) Pyrene	12.90	202	1496456	40.943	nq	99
80) Butylbenzylphthalate	13.51	149	600059	38.225	nq	93
81) Benzo(a)anthracene	14.09	228	1405997	47.045	nq	100
82) 3,3'-Dichlorobenzidine	14.04	252	334822	32.028	nq	98
83) Chrysene	14.13	228	1313745	45.364	nq	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	938851	49.331	nq	98
85) Di-n-octyl phthalate	14.69	149	1580312	56.522	nq	98
86) Indeno(1,2,3-cd)pyrene	17.14	276	1227048	49.784	nq	99
88) Benzo(b)fluoranthene	15.16	252	1255110	47.987	nq	99
89) Benzo(k)fluoranthene	15.19	252	1230362	49.925	nq	99
90) Benzo(a)pyrene	15.54	252	1142107	49.658	nq	99
91) Dibenzo(a,h)anthracene	17.16	278	1018321	51.440	nq	98
92) Benzo(g,h,i)perylene	17.60	276	1017910	51.625	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

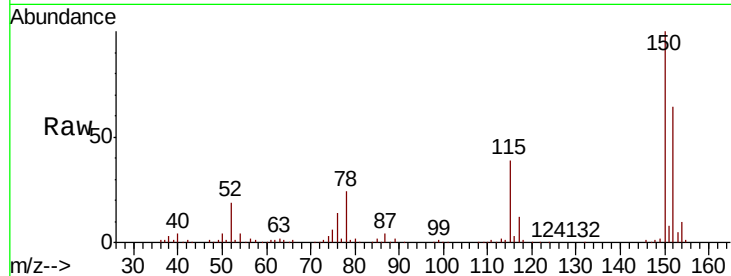
ClientSampleId :

IRONBOUND-4FTMS

Tot Ion:	152	Resp:	143681
Ion Ratio	Lower	Upper	
152	100		
150	156.1	125.3	187.9
115	60.4	47.0	70.4

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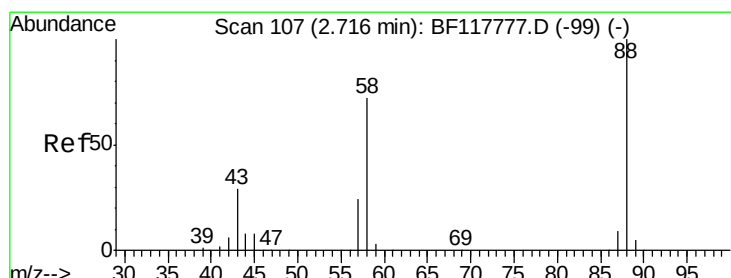
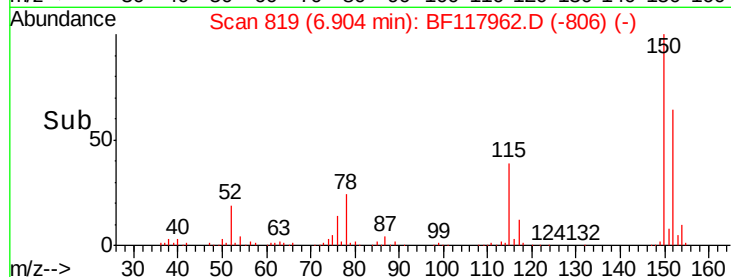
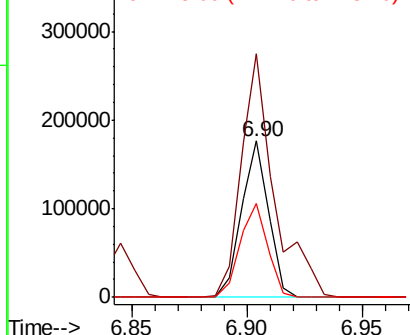


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.771 ng

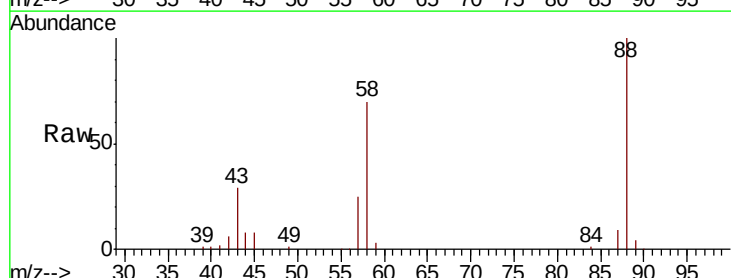
RT: 2.71 min Scan# 106

Delta R.T. -0.01 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Tgt Ion:	88	Resp:	124341
Ion Ratio	Lower	Upper	
88	100		
58	70.6	58.2	87.2
43	27.9	23.3	34.9

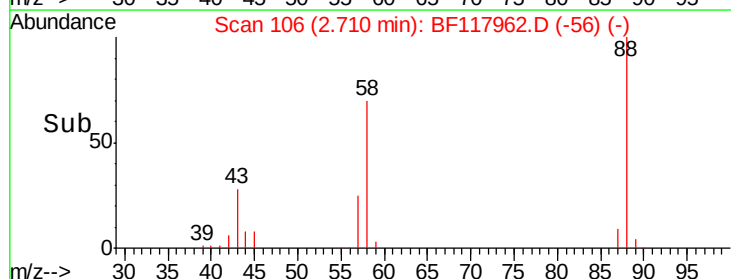
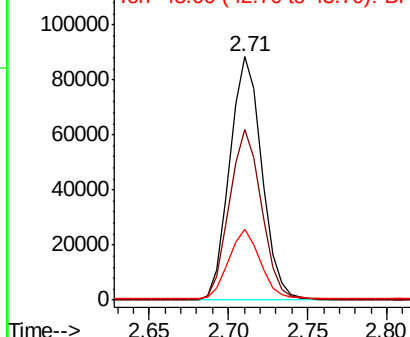


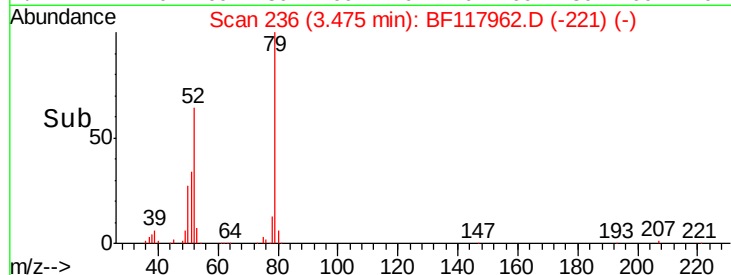
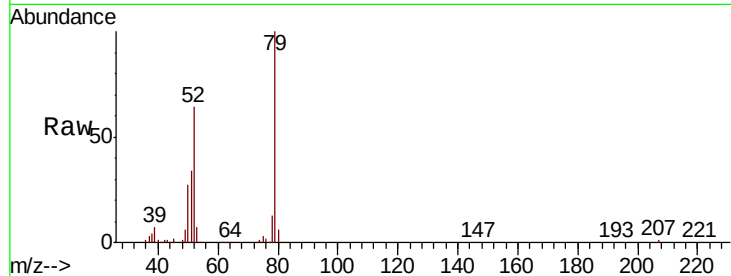
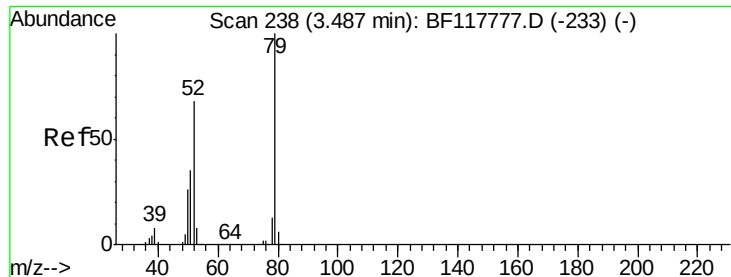
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





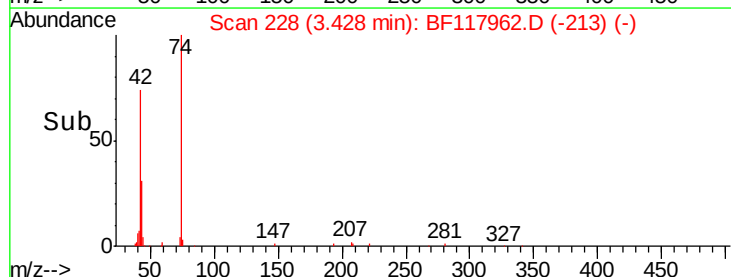
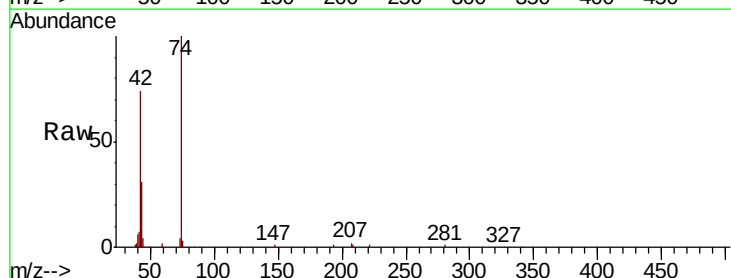
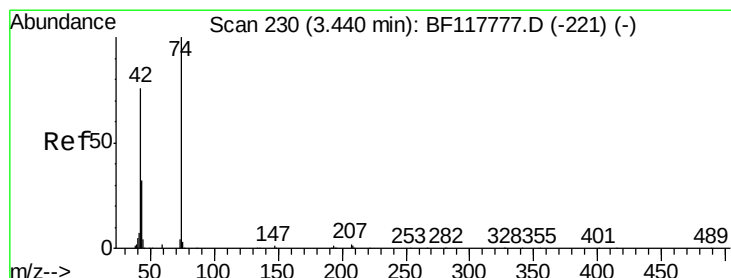
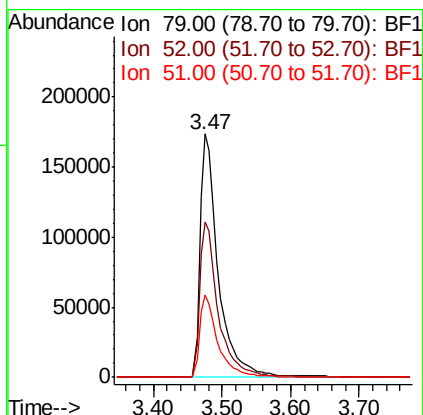
#3
Pvridine
Concen: 32.663 ng
RT: 3.47 min Scan# 236
Delta R.T. -0.01 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.8	54.8	82.2
51	33.8	28.2	42.4

Instrument :
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IRONBOUND-4FTMS

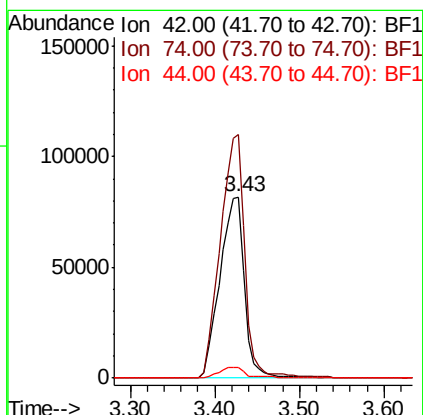
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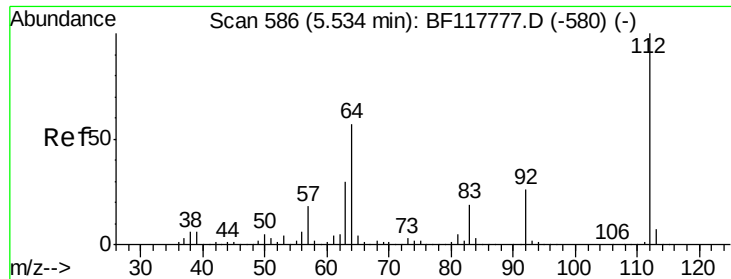
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#4
n-Nitrosodimethylamine
Concen: 38.035 ng
RT: 3.43 min Scan# 228
Delta R.T. -0.01 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.3	105.1	157.7
44	5.6	4.6	7.0





#5

2-Fluorophenol

Concen: 106.865 ng

RT: 5.52 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

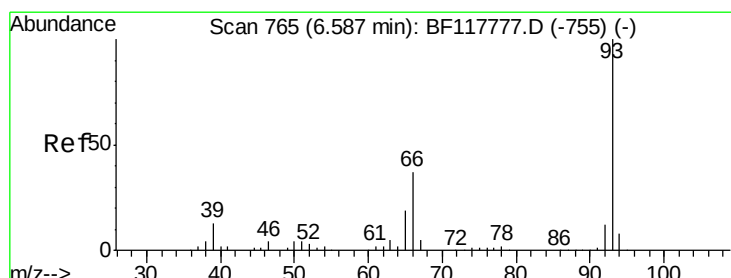
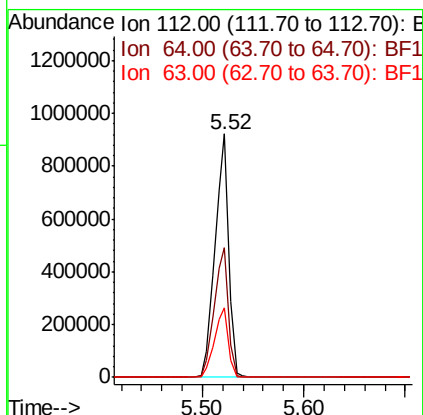
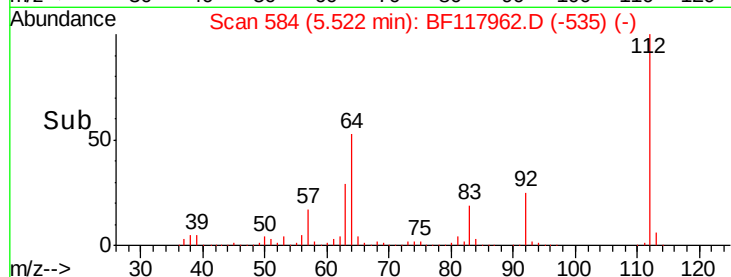
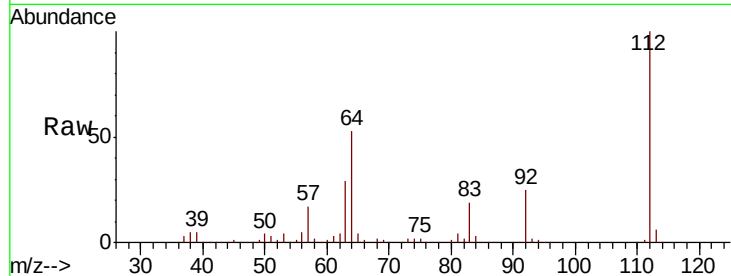
ClientSampleId :

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Tot Ion:	112	Resp:	867436
Ion Ratio	Lower	Upper	
112	100		
64	53.3	45.6	68.4
63	28.6	24.1	36.1

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#6

Aniline

Concen: 30.948 ng

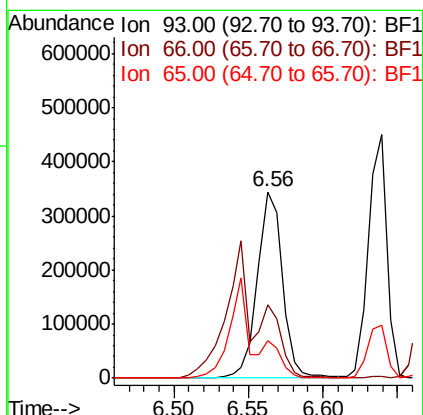
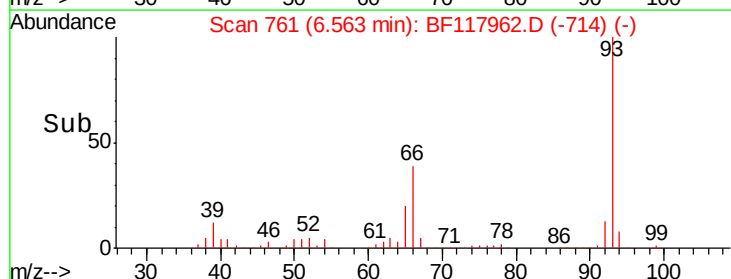
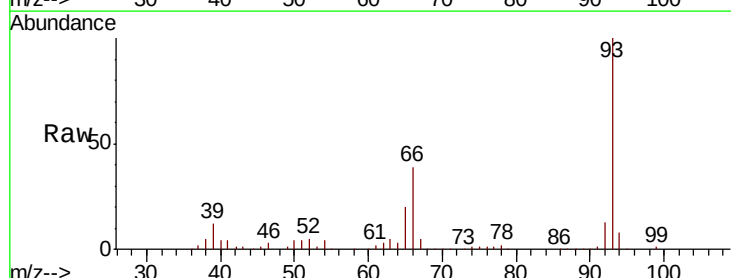
RT: 6.56 min Scan# 761

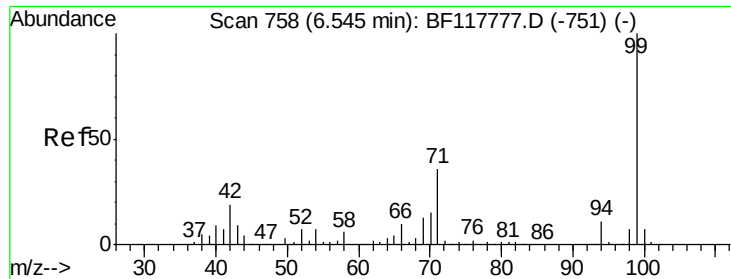
Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Tgt Ion:	93	Resp:	400400
Ion Ratio	Lower	Upper	
93	100		
66	39.4	30.6	45.8
65	19.9	15.6	23.4





#7

Phenol-d6

Concen: 116.143 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1137101

Ion Ratio Lower Upper

99 100

42 17.4 14.9 22.3

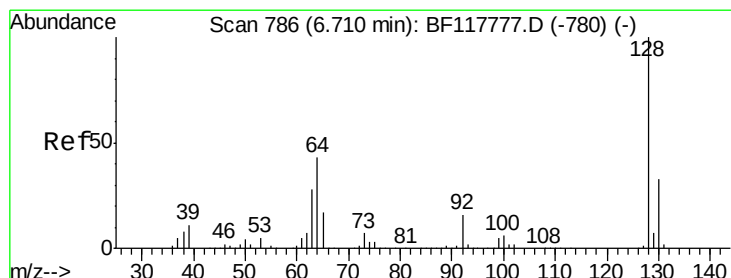
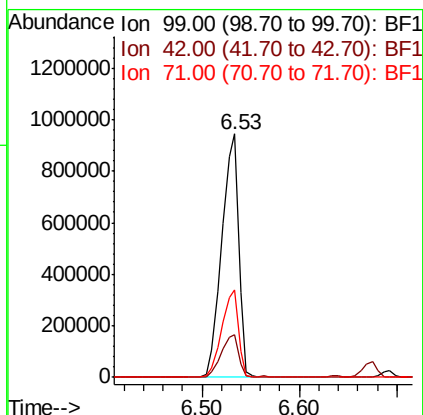
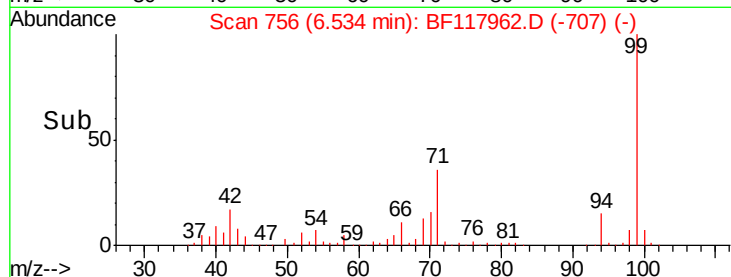
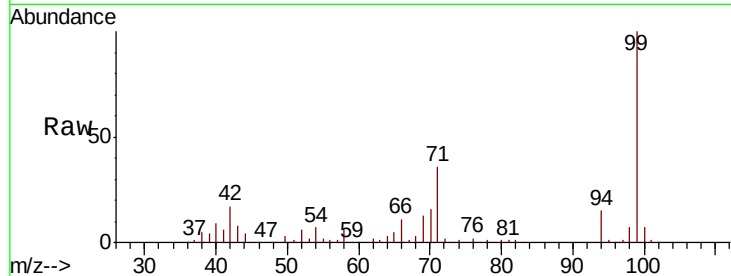
71 35.8 28.6 43.0

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#8

2-Chlorophenol

Concen: 48.597 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

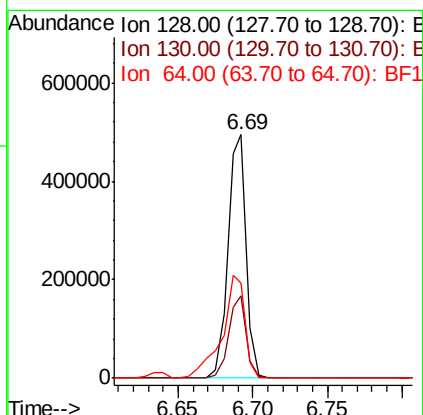
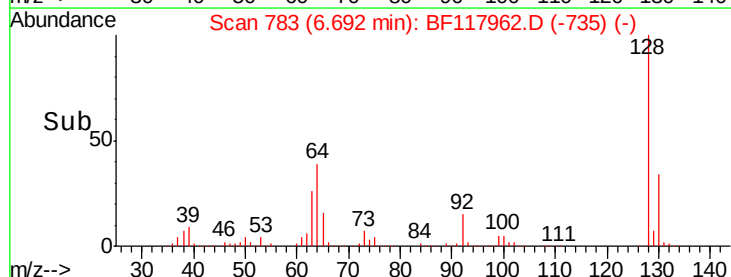
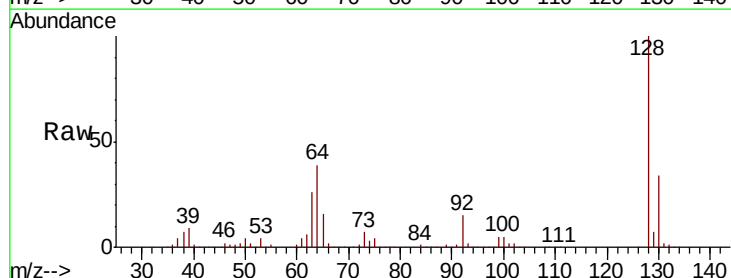
Tgt Ion: 128 Resp: 428033

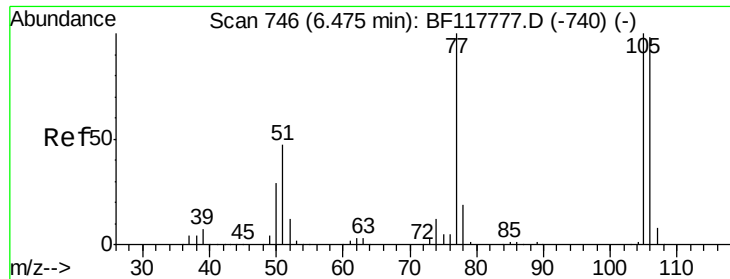
Ion Ratio Lower Upper

128 100

130 33.7 13.2 53.2

64 39.1 23.7 63.7





#9

Benzaldehyde

Concen: 29.472 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

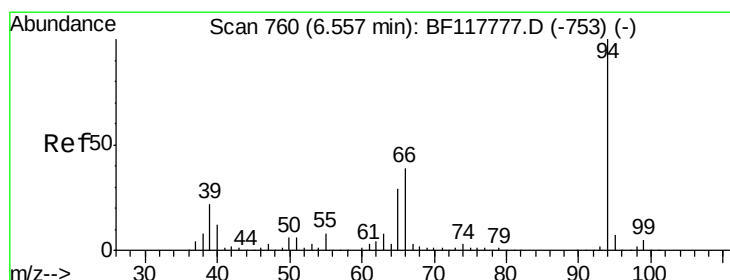
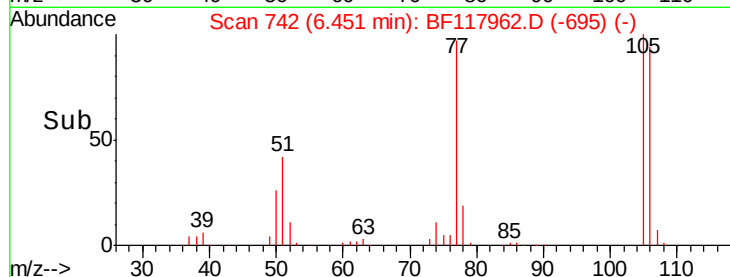
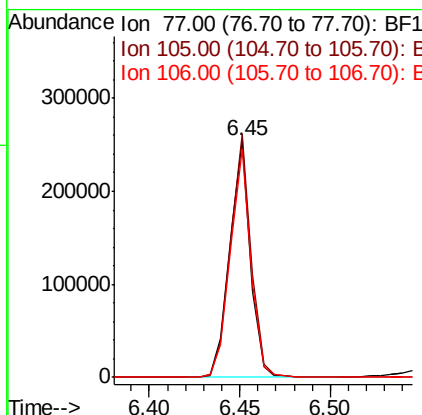
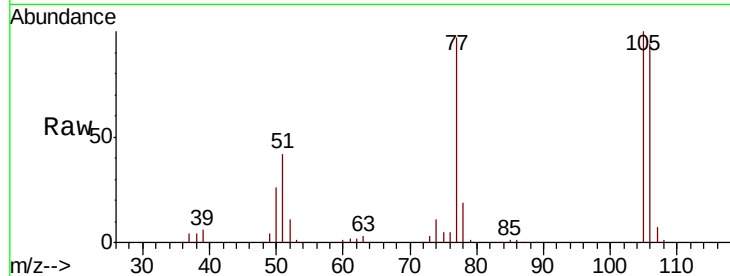
ClientSampleID :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	102.8	80.2	120.2		
106	96.6	78.4	118.4		

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#10

Phenol

Concen: 52.045 ng

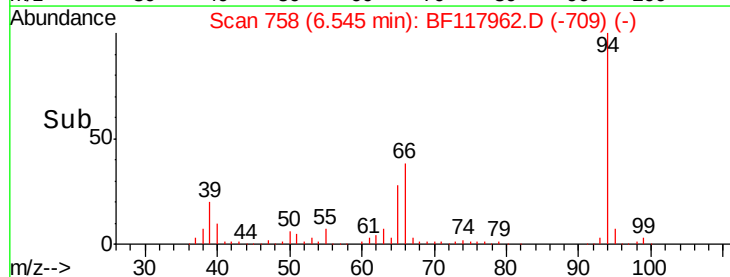
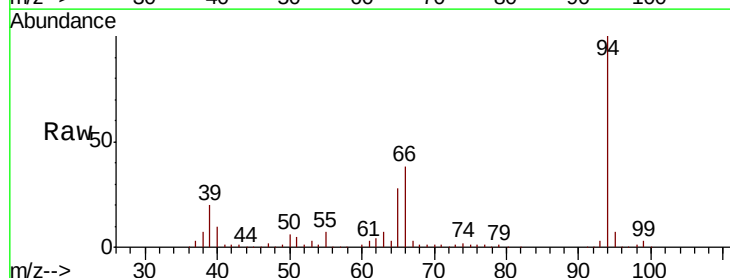
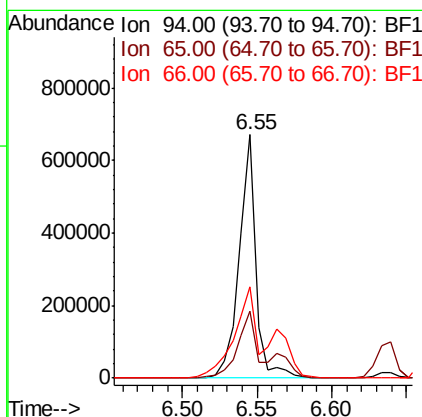
RT: 6.55 min Scan# 758

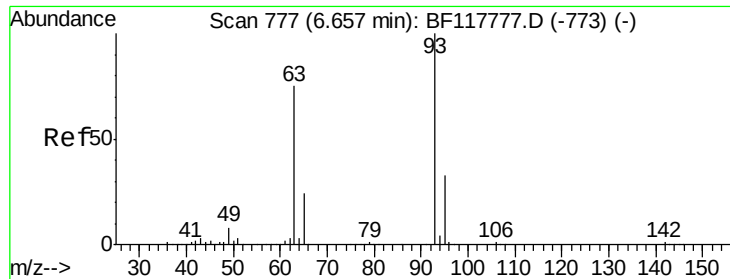
Delta R.T. -0.01 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	27.7	8.9	48.9		
66	37.7	18.7	58.7		





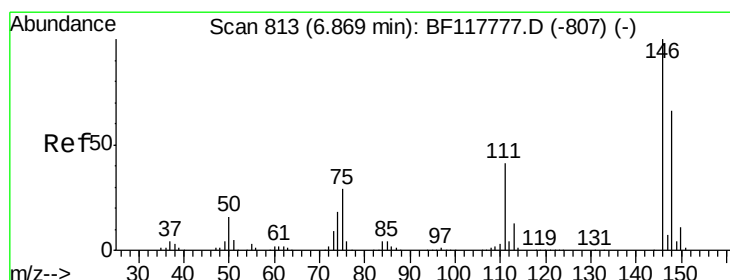
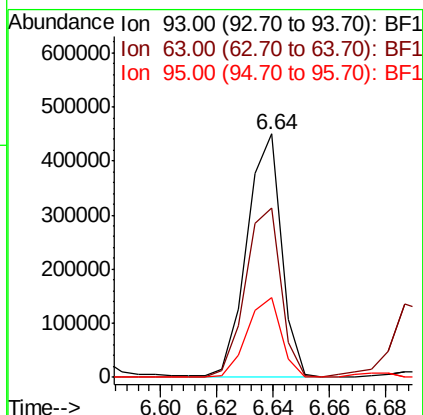
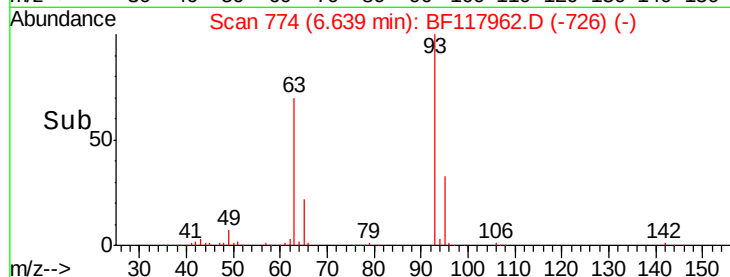
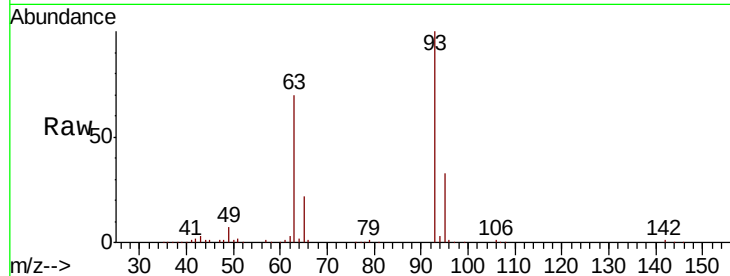
#11
bis(2-Chloroethyl)ether
Concen: 46.432 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion:	93	Resp:	379347
Ion	Ratio	Lower	Upper
93	100		
63	69.7	54.8	94.8
95	32.9	12.7	52.7

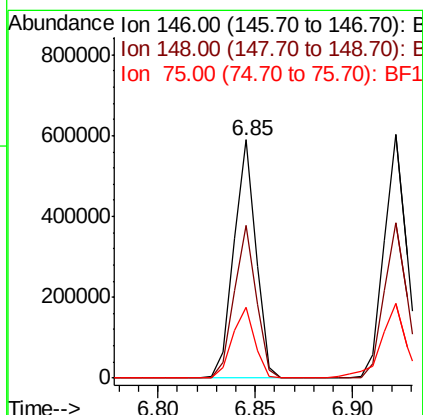
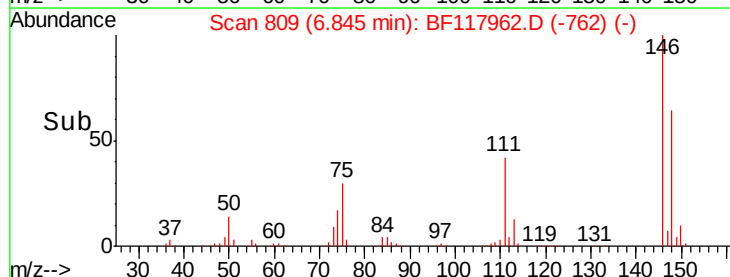
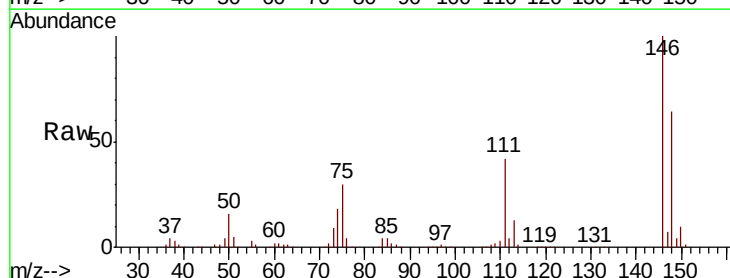
Manual Integrations
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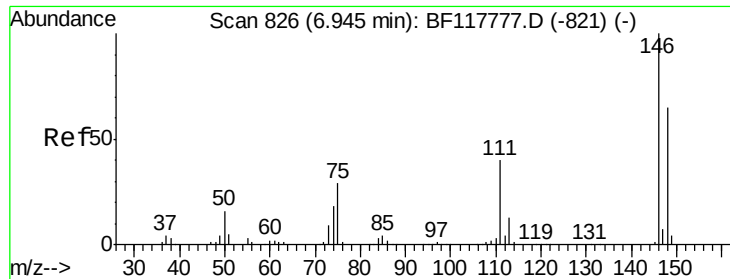
mohammad
11/25/2019 2:32:20 PM



#12
1,3-Dichlorobenzene
Concen: 44.703 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion:	146	Resp:	463539
Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.8	79.2
75	30.0	23.4	35.0





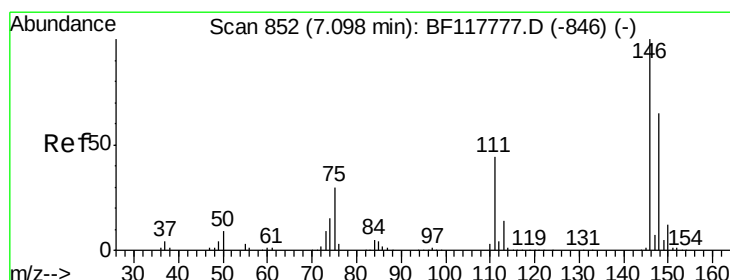
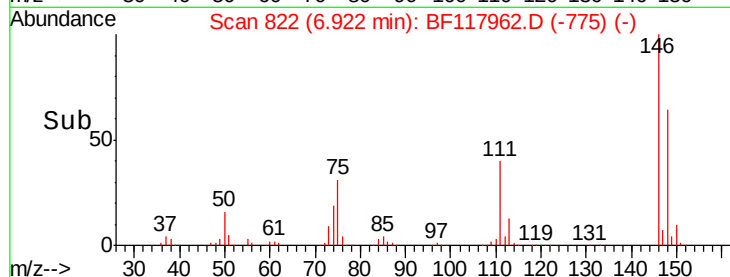
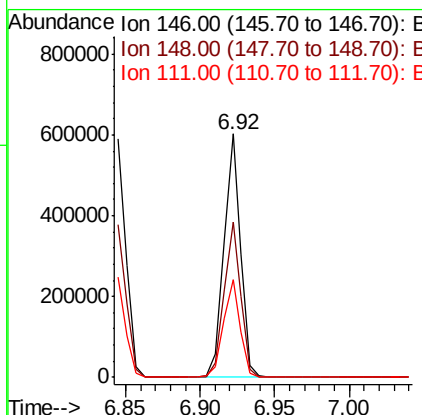
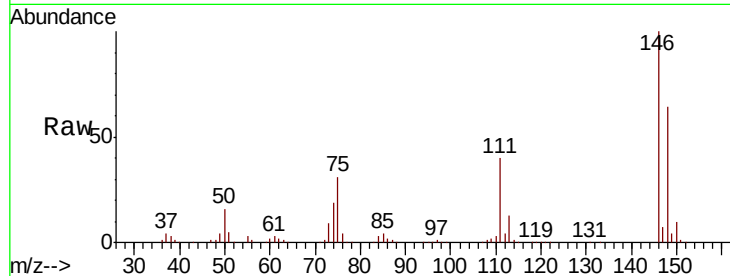
#13
 1,4-Dichlorobenzene
 Concen: 45.310 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-4FTMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.3	78.5
111	40.1	32.2	48.4

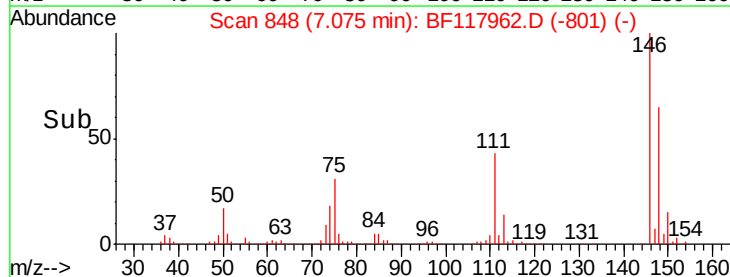
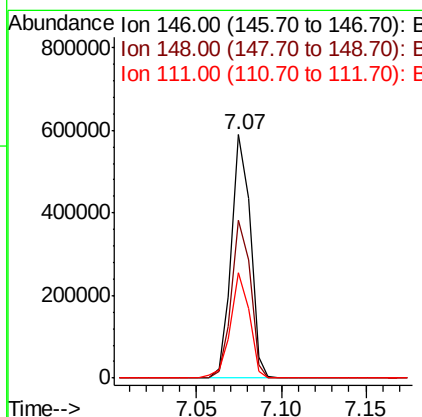
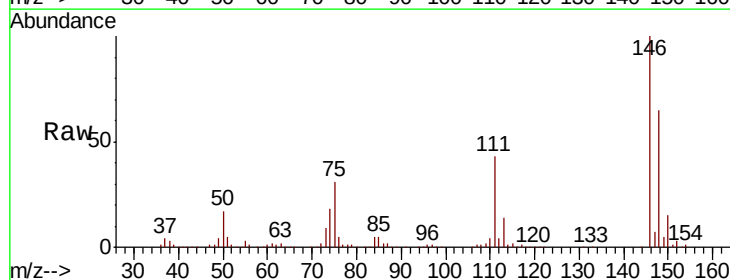
Manual Integrations
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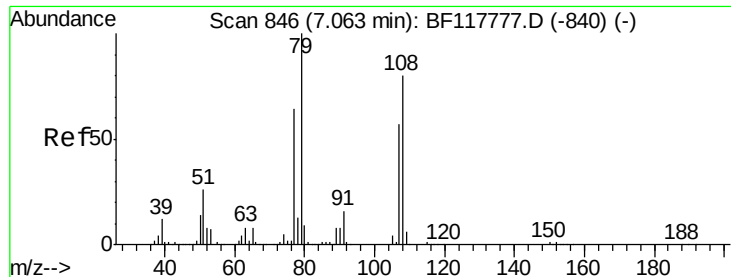
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 45.847 ng
 RT: 7.07 min Scan# 848
 Delta R.T. -0.02 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
111	43.4	35.0	52.6





#15

Benzyl Alcohol

Concen: 48.818 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

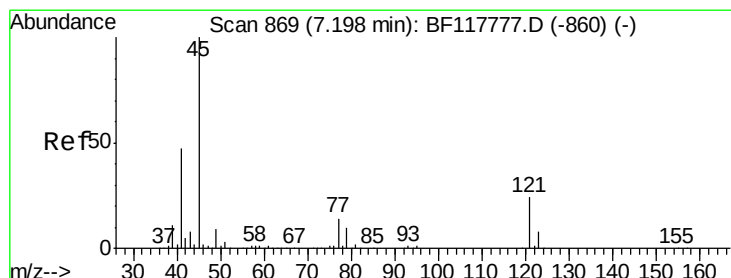
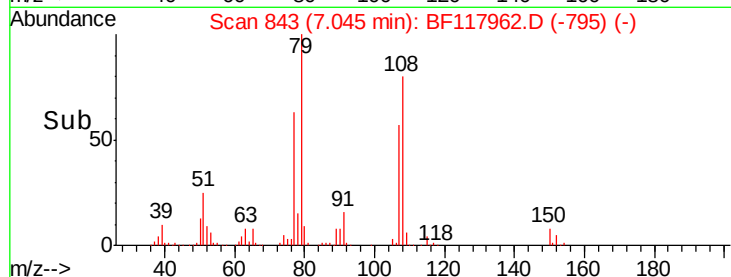
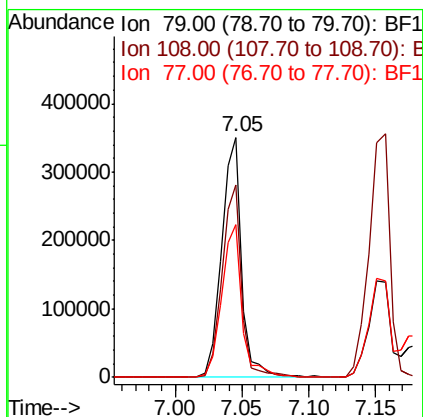
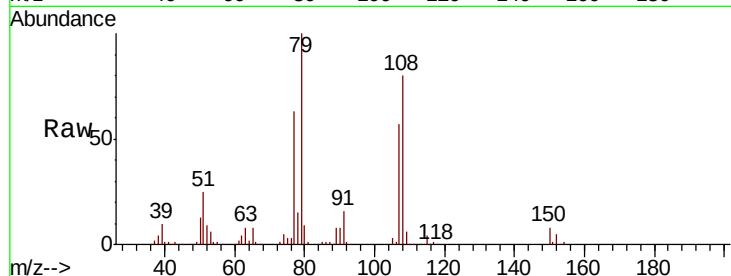
ClientSampleId :

IRONBOUND-4FTMS

Tot Ion:	79	Resp:	369001
Ion Ratio	Lower	Upper	
79	100		
108	80.1	64.1	96.1
77	63.5	51.3	76.9

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.648 ng

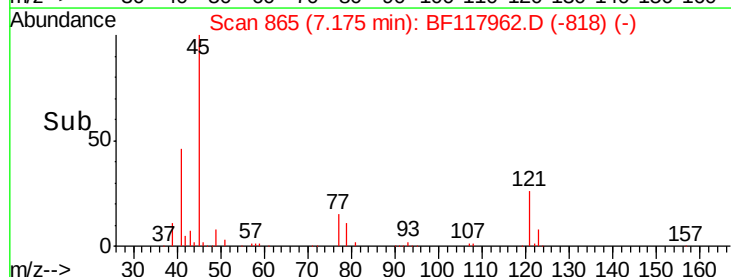
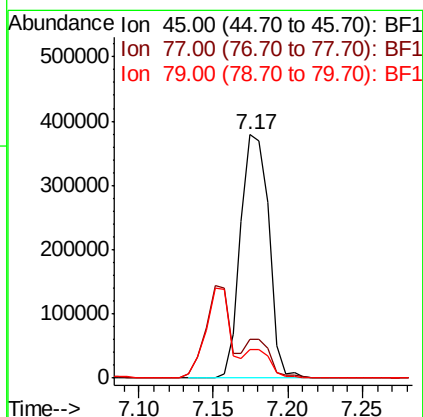
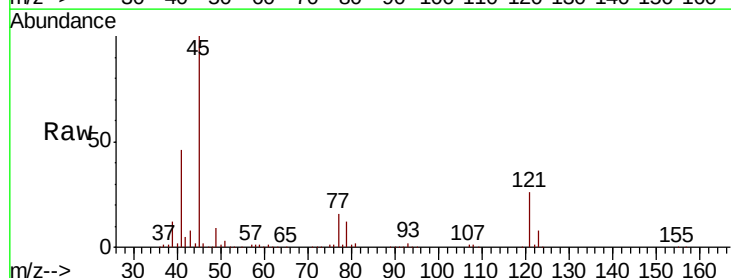
RT: 7.17 min Scan# 865

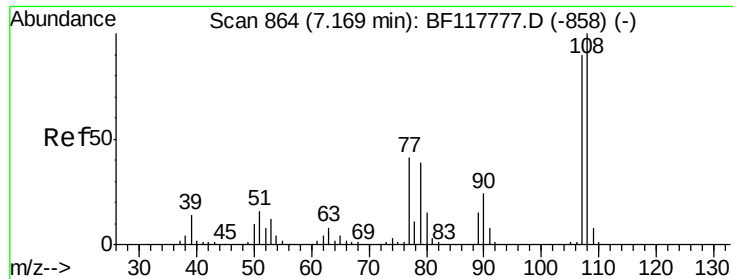
Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Tgt Ion:	45	Resp:	498720
Ion Ratio	Lower	Upper	
45	100		
77	16.0	0.0	35.0
79	11.7	0.0	31.1





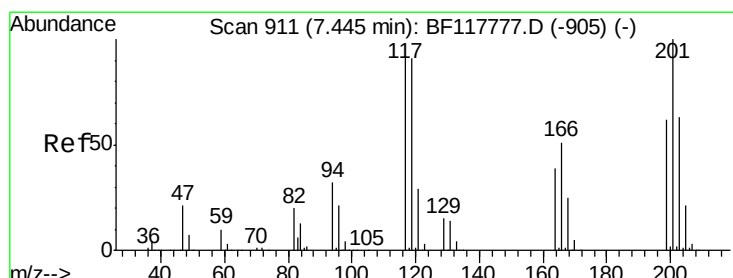
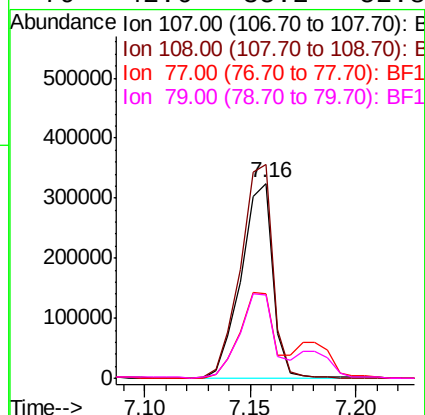
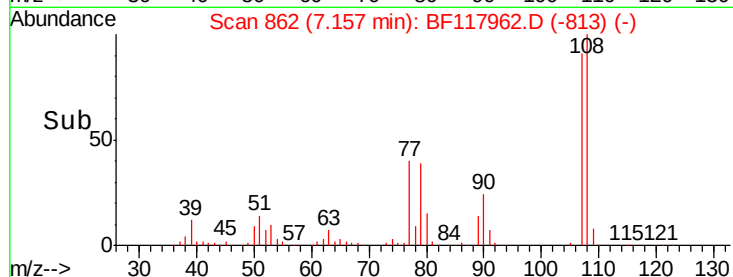
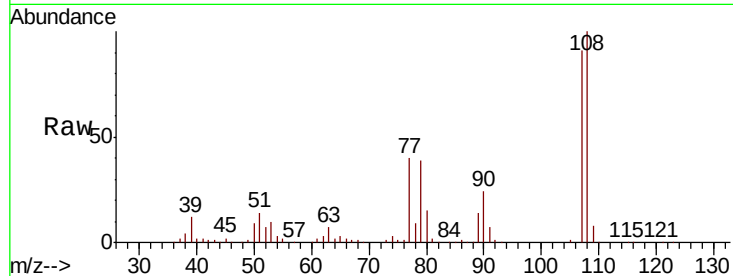
#17
2-Methylphenol
Concen: 45.420 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion:	107	Resp:	338784
Ion	Ratio	Lower	Upper
107	100		
108	109.6	89.1	133.7
77	43.4	36.6	54.8
79	42.6	35.2	52.8

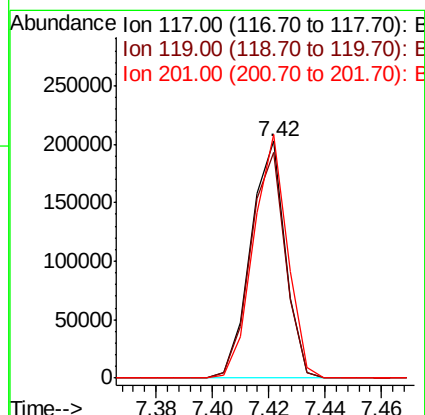
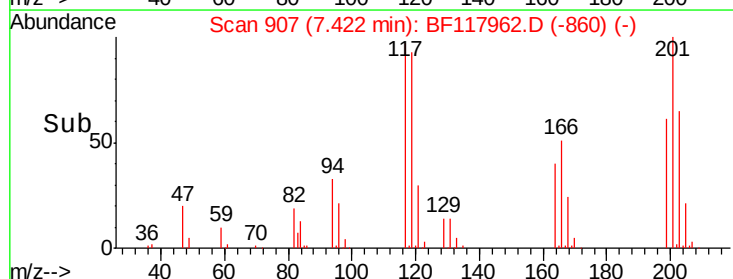
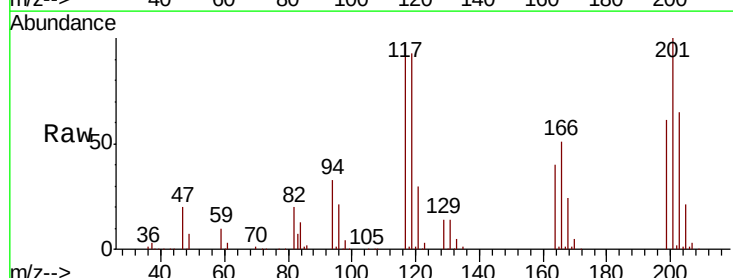
Manual Integrations
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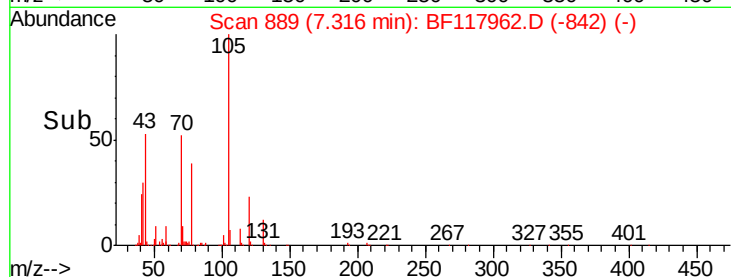
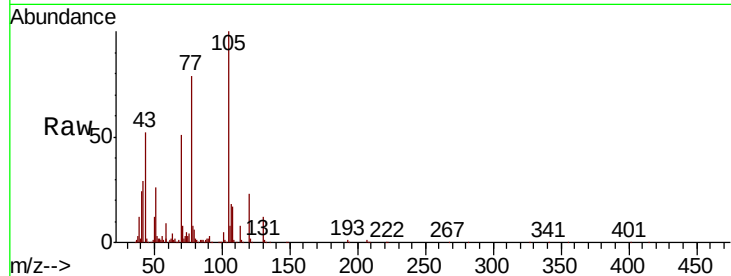
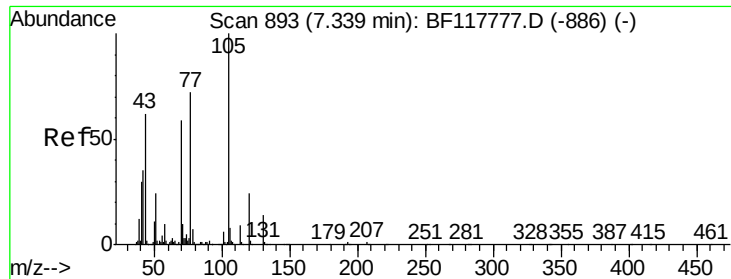
mohammad
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#18
Hexachloroethane
Concen: 44.598 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion:	117	Resp:	171720
Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.7	118.1
201	102.9	86.5	129.7





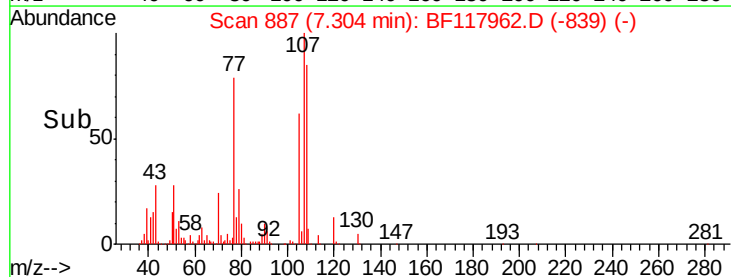
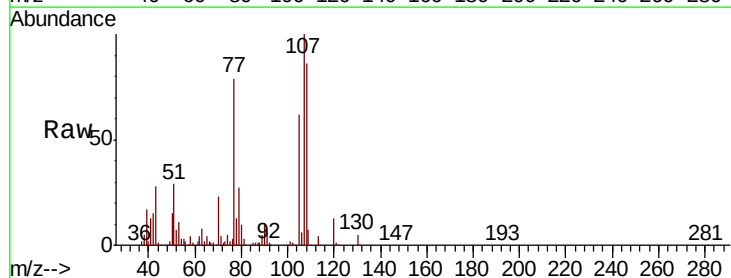
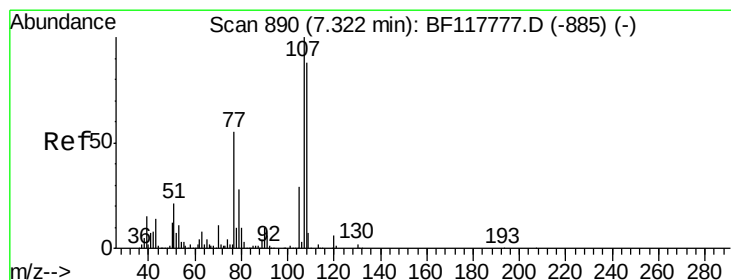
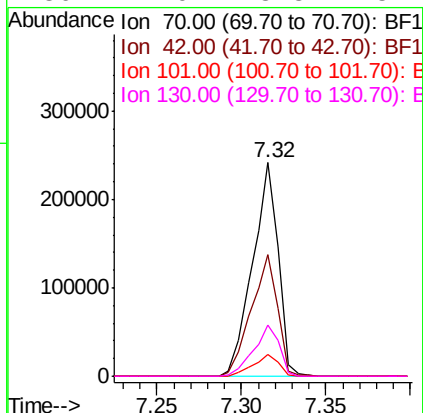
#19
n-Nitroso-di-n-propylamine
Concen: 42.239 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Manual Integrations
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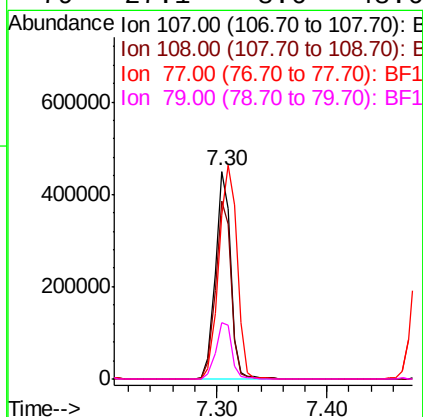
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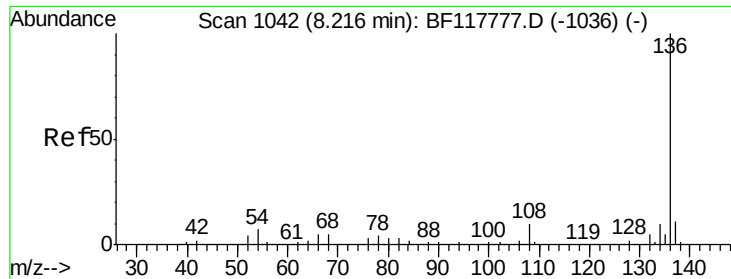
Tot Ion	Ratio	Lower	Upper
70	100		
42	57.1	47.4	71.2
101	10.5	8.4	12.6
130	24.0	18.8	28.2



#20
3+4-Methylphenols
Concen: 46.156 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	68.4	108.4
77	79.0	35.2	75.2#
79	27.1	8.6	48.6





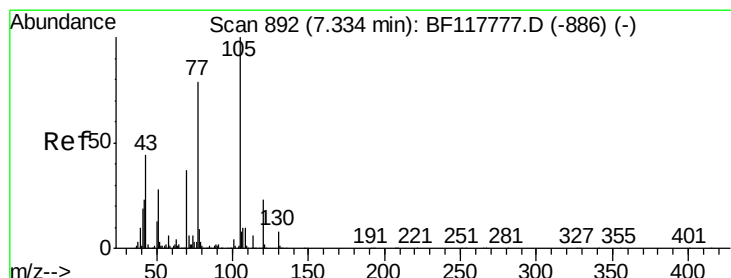
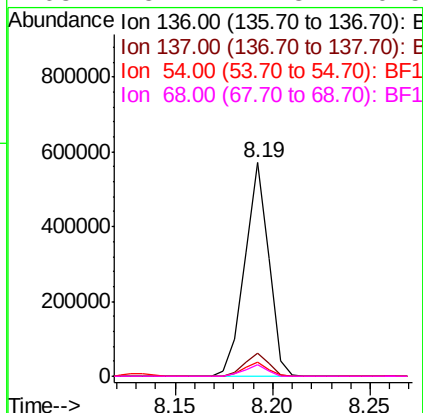
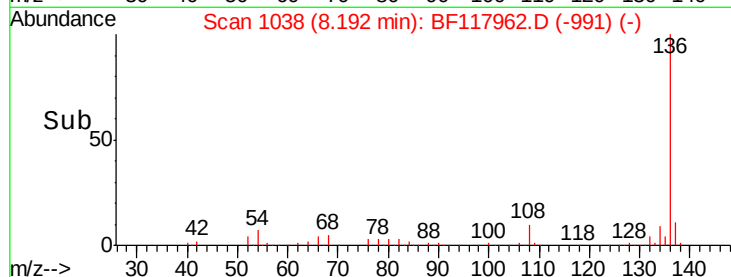
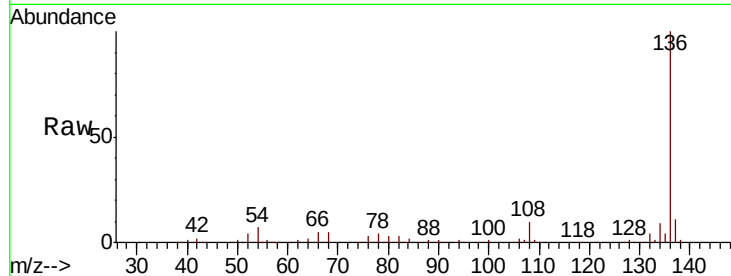
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		486905		
137	10.9	9.0	13.4		
54	6.7	5.4	8.2		
68	5.2	4.3	6.5		

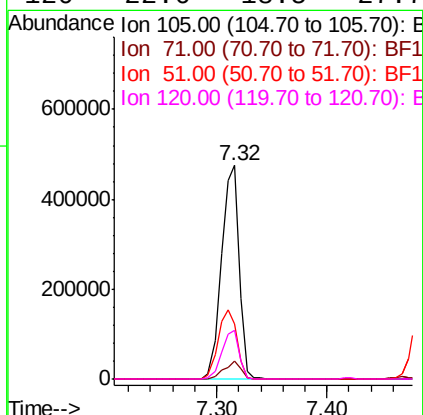
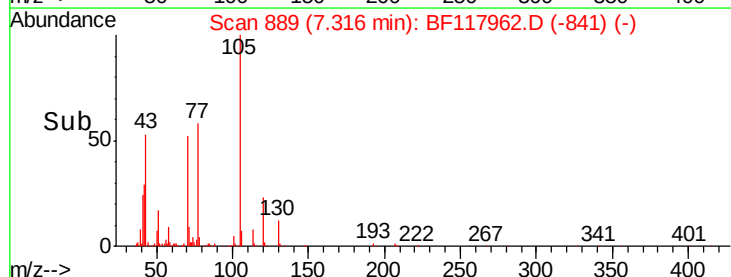
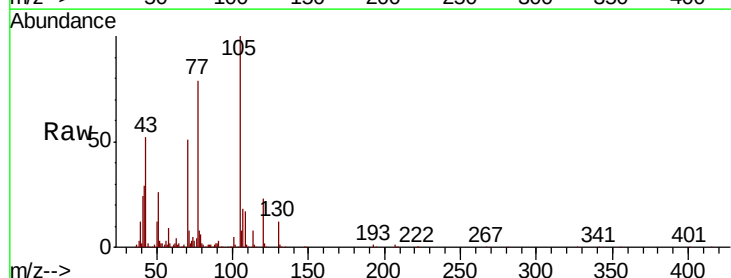
Manual Integrations
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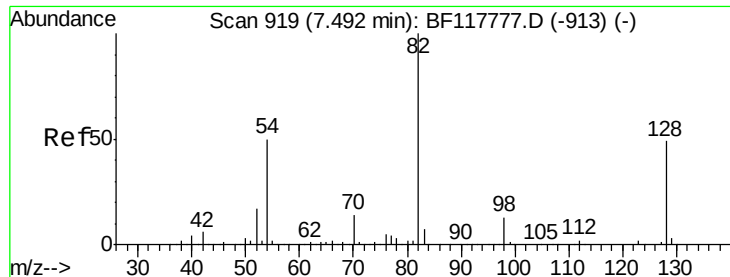
mohammad
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#22
Acetophenone
Concen: 48.392 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		529371		
71	8.4	4.9	7.3#		
51	25.8	22.7	34.1		
120	22.6	18.5	27.7		





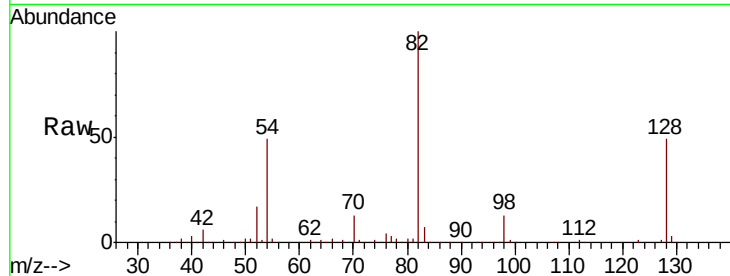
#23
 Nitrobenzene-d5
 Concen: 87.579 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-4FTMS

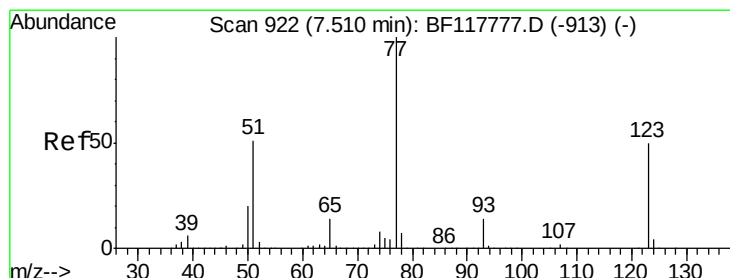
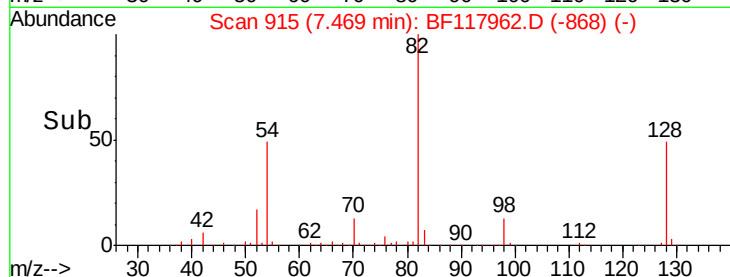
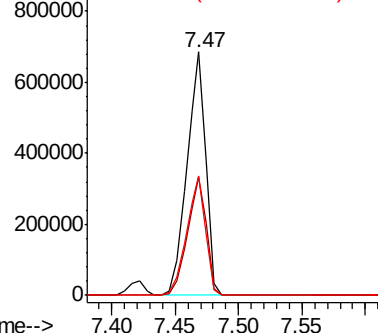
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.6	38.9	58.3
54	49.1	39.8	59.6

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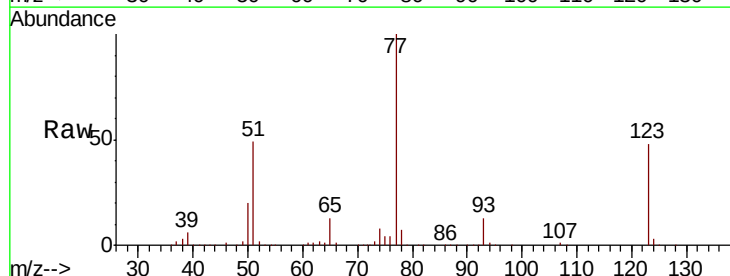


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

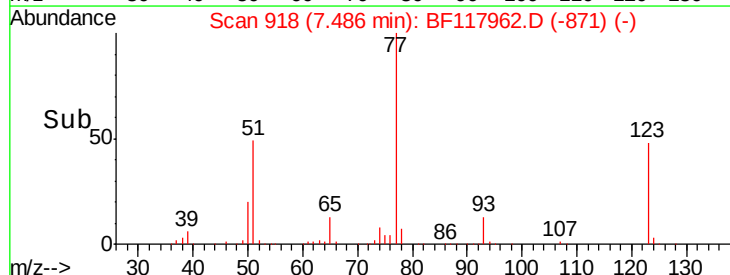
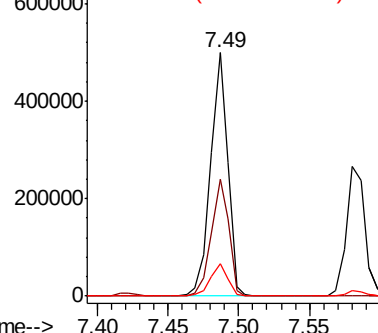


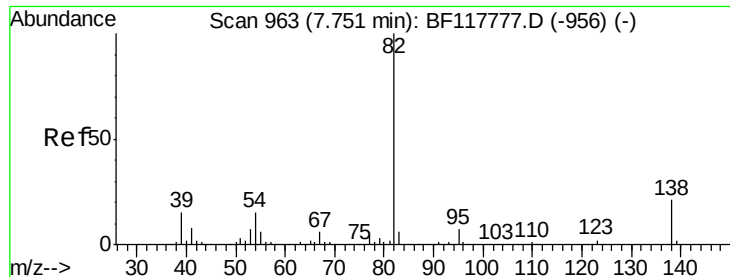
#24
 Nitrobenzene
 Concen: 50.060 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.02 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	40.3	60.5
65	13.4	10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





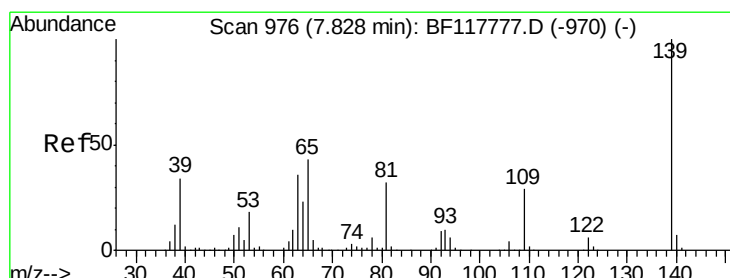
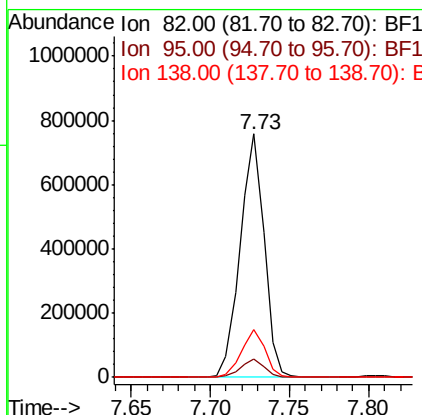
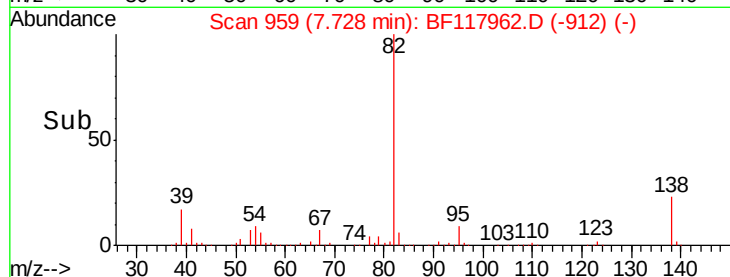
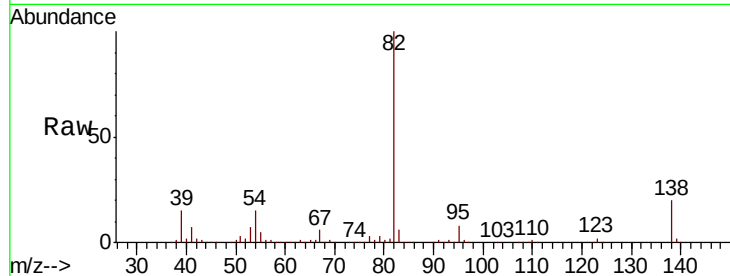
#25
Isophorone
Concen: 53.058 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	796521		
95	7.6		5.8	8.8
138	19.7		16.5	24.7

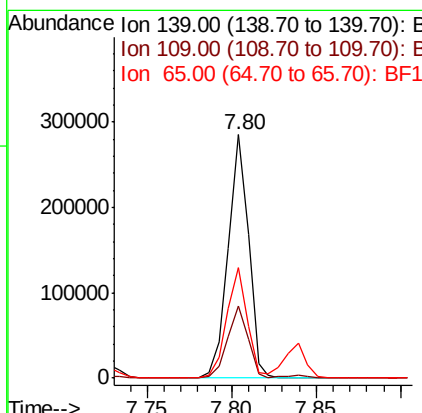
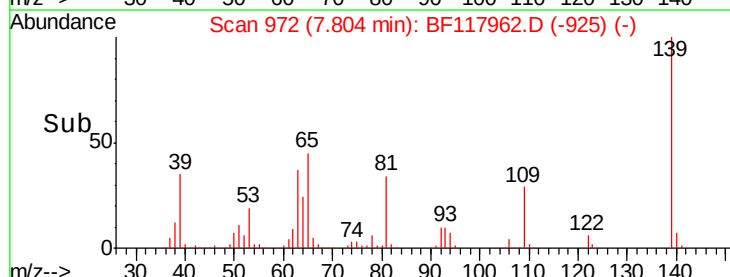
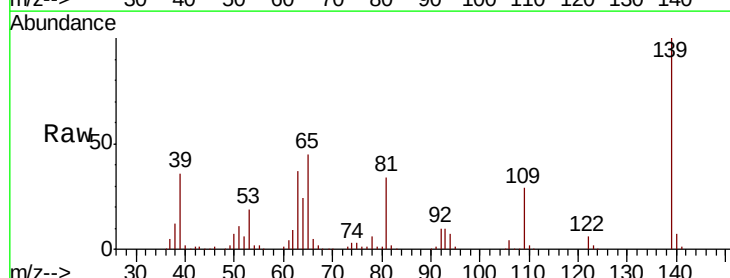
Manual Integrations
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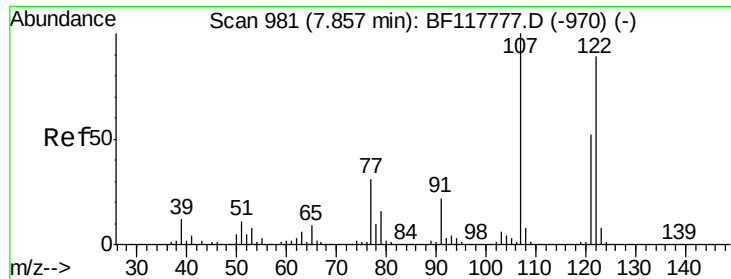
mohammad
11/25/2019 2:32:20 PM



#26
2-Nitrophenol
Concen: 58.162 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	239208		
109	29.4		23.0	34.4
65	45.5		34.7	52.1





#27

2,4-Dimethylphenol

Concen: 60.003 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

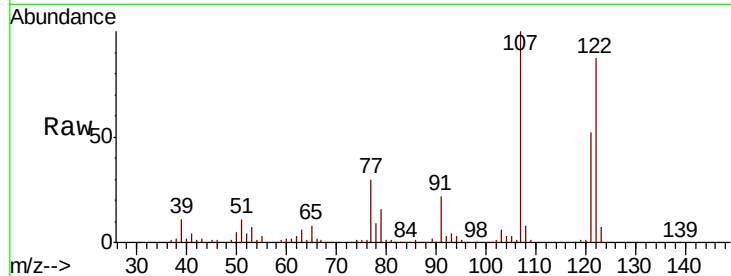
ClientSampleId :

IRONBOUND-4FTMS

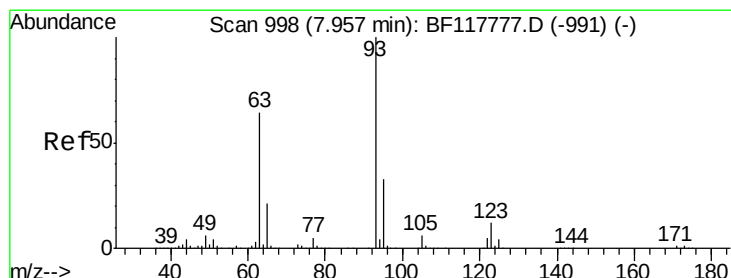
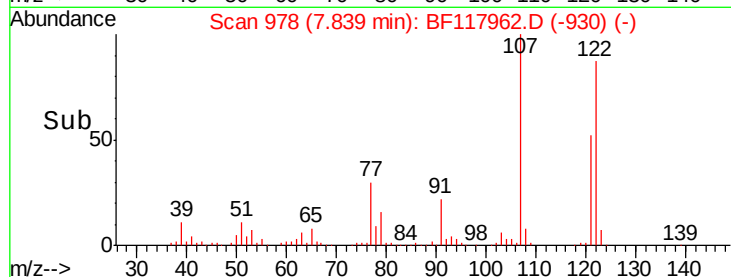
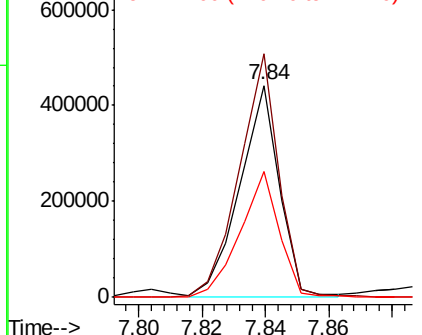
Tot Ion:	122	Resp:	383468
Ion Ratio	Lower	Upper	
122	100		
107	114.9	90.0	135.0
121	59.2	46.7	70.1

Manual Integrations
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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.874 ng

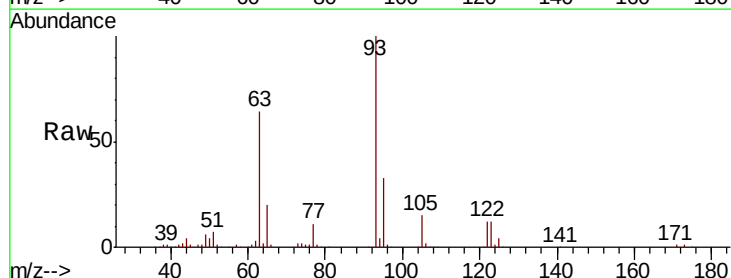
RT: 7.93 min Scan# 994

Delta R.T. -0.02 min

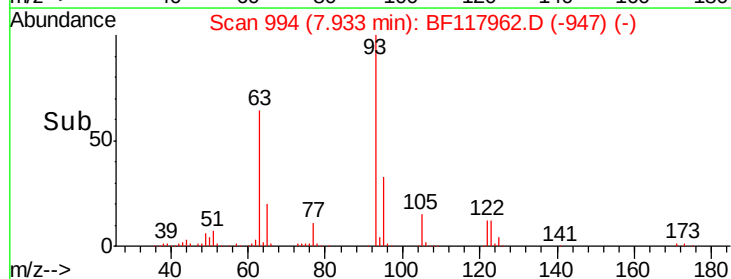
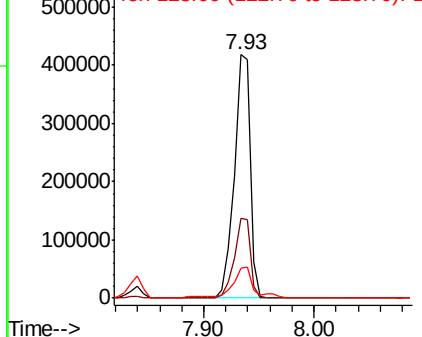
Lab File: BF117962.D

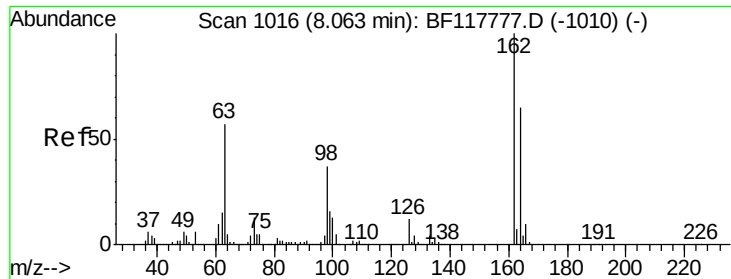
Acq: 23 Nov 2019 17:48

Tgt Ion:	93	Resp:	427493
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.6	40.0
123	12.5	10.3	15.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





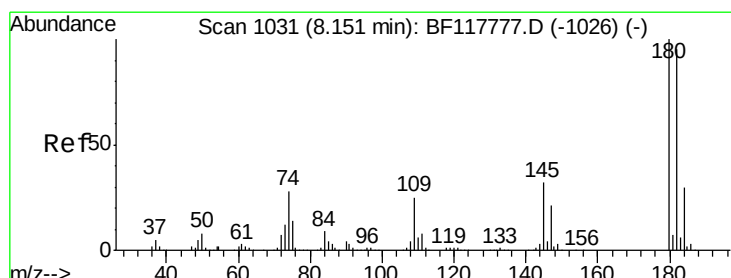
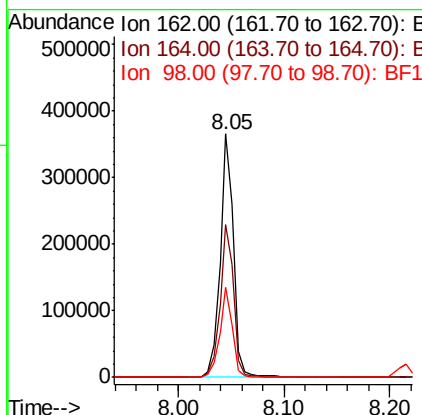
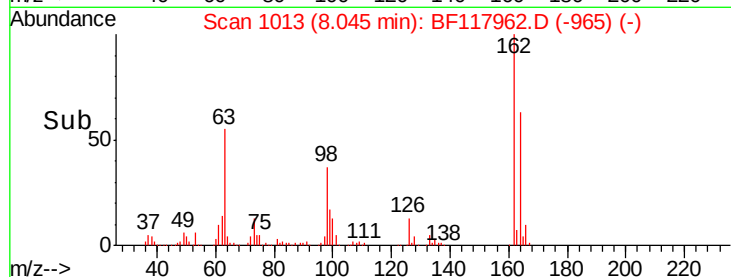
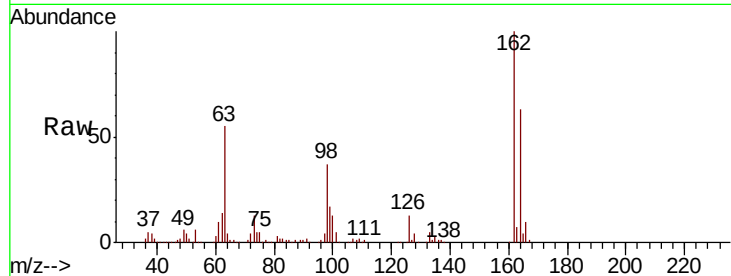
#29
2,4-Dichlorophenol
Concen: 46.836 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	324672		
164	62.5	45.1	85.1	
98	37.0	17.2	57.2	

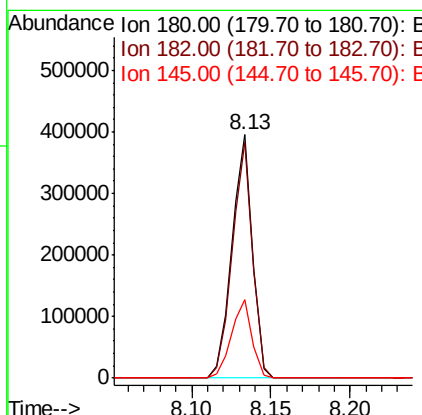
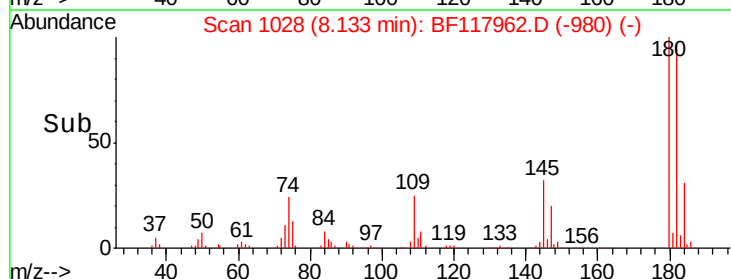
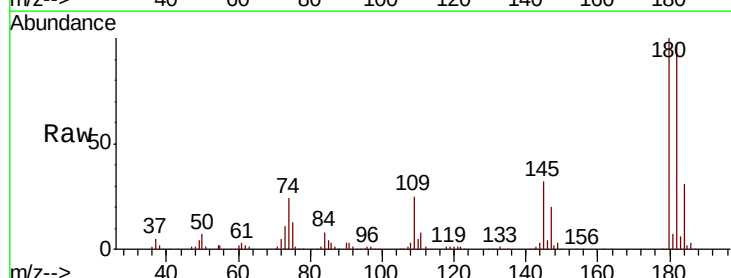
Manual Integrations
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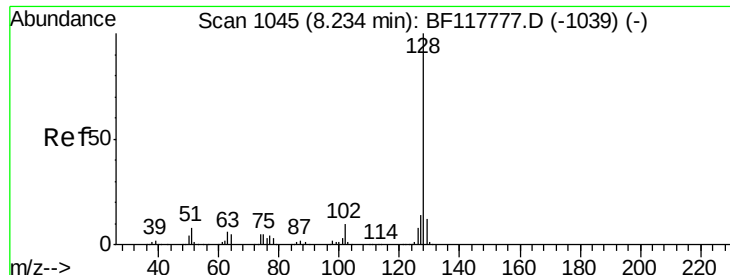
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.081 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	354448		
182	96.8	75.8	113.6	
145	32.0	25.5	38.3	





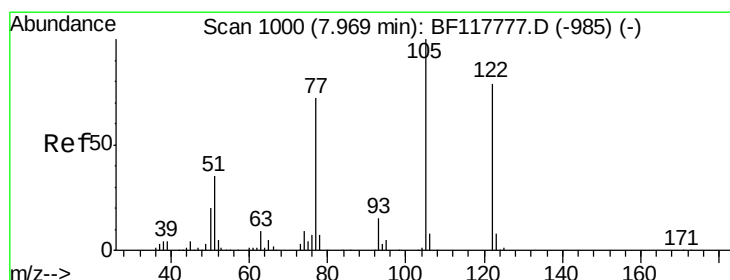
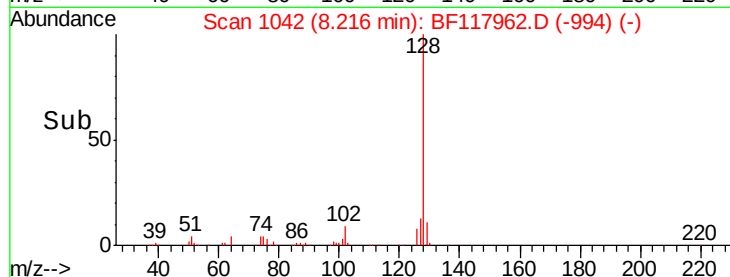
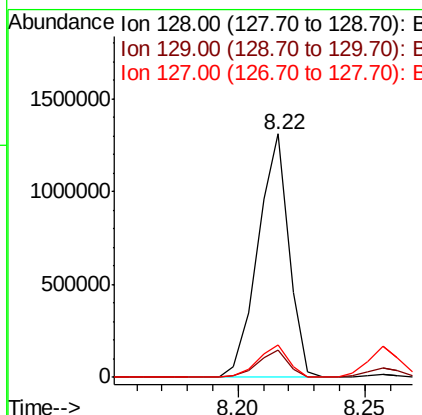
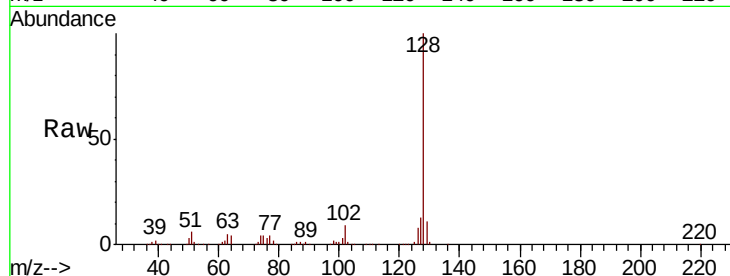
#31
Naphthalene
Concen: 49.322 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	13.5	11.3	16.9

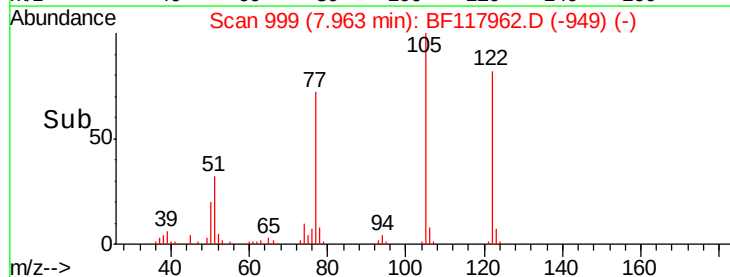
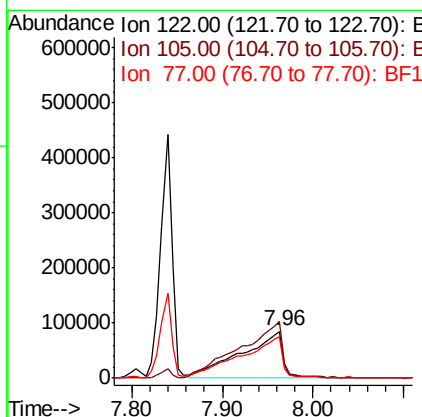
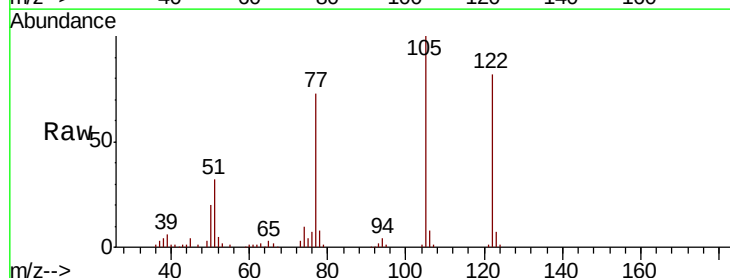
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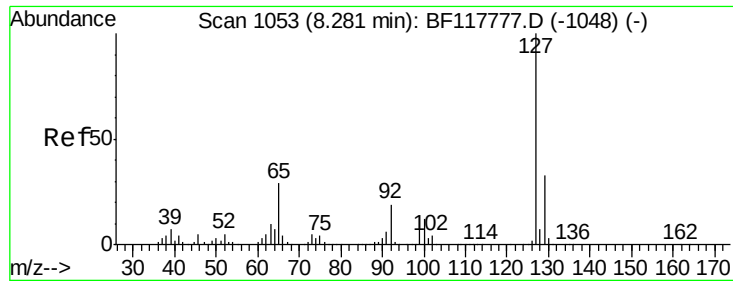
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#32
Benzoic acid
Concen: 50.367 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.7	102.7	142.7
77	88.3	70.5	110.5





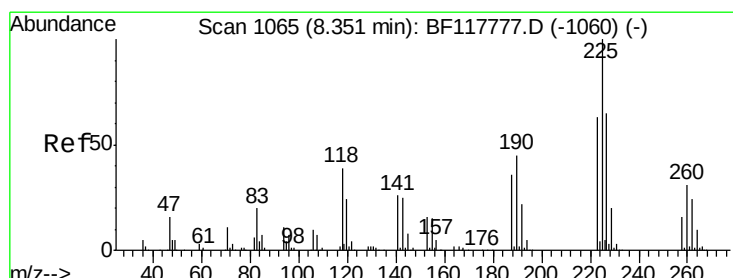
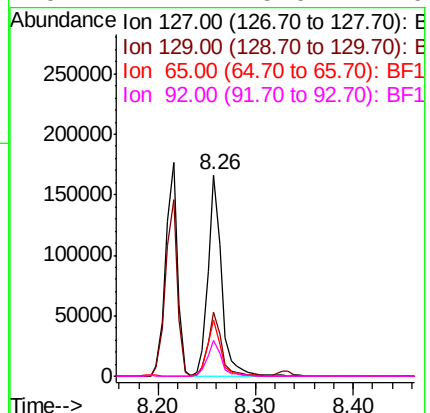
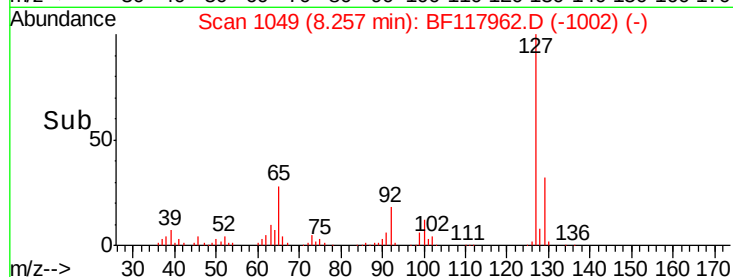
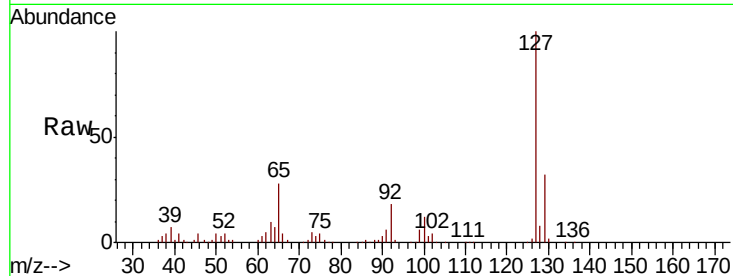
#33
4-Chloroaniline
Concen: 15.937 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	26.5	39.7		
65	28.0	22.9	34.3		
92	17.7	15.0	22.6		

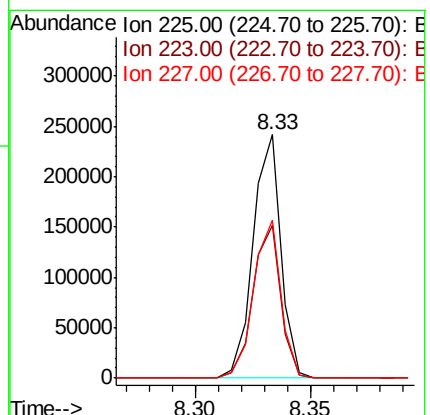
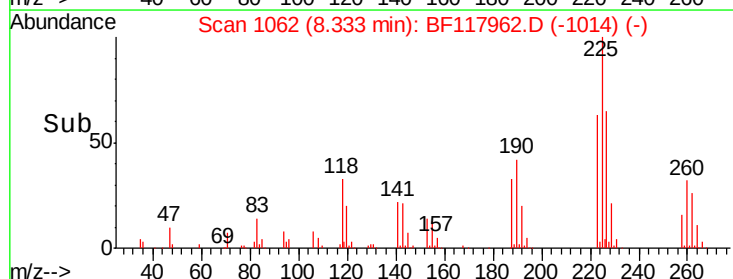
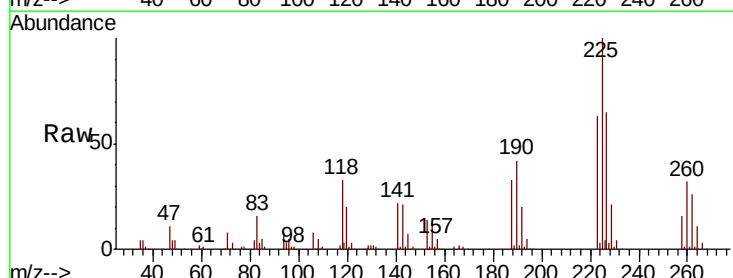
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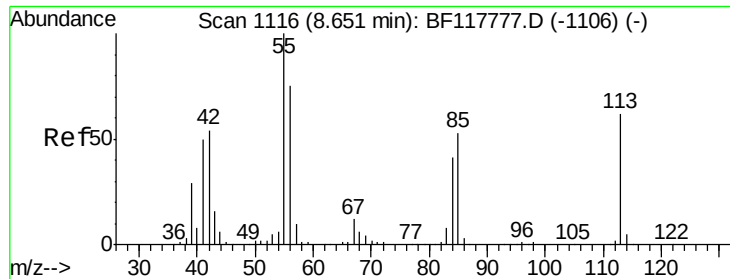
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#34
Hexachlorobutadiene
Concen: 43.409 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	50.0	75.0		
227	64.9	51.8	77.6		





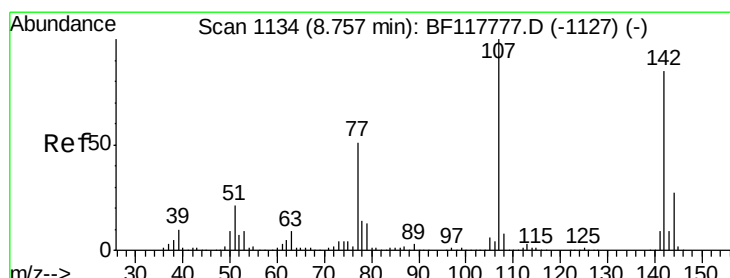
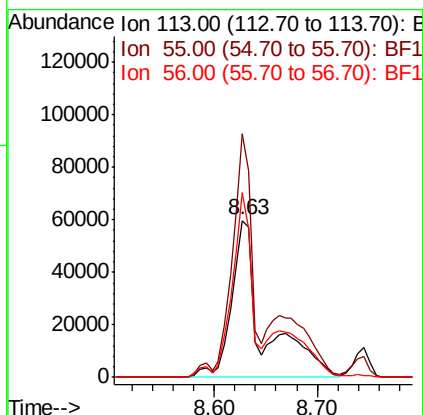
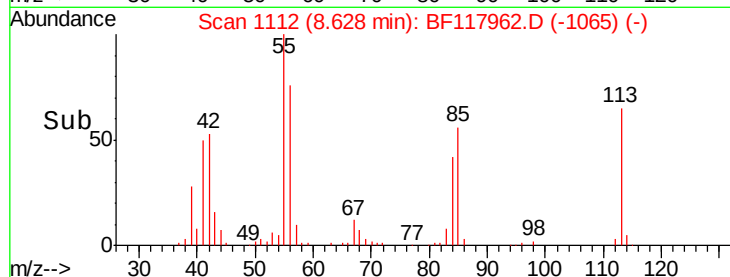
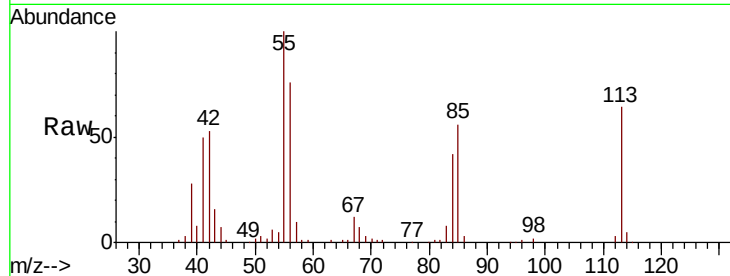
#35
Caprolactam
Concen: 58.172 ng/ml
RT: 8.63 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	155.5	141.1	181.1
56	117.8	100.5	140.5

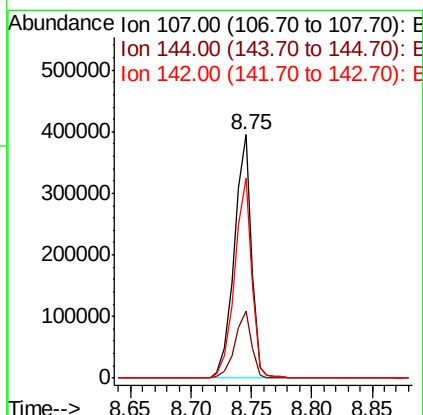
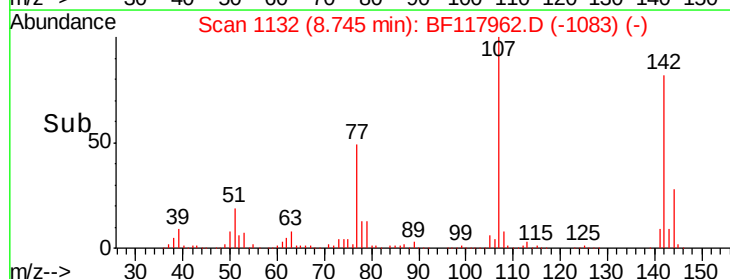
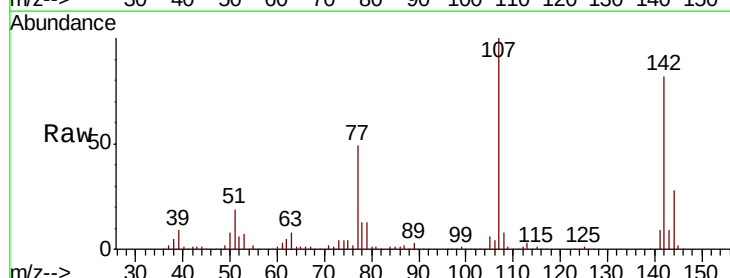
Manual Integrations
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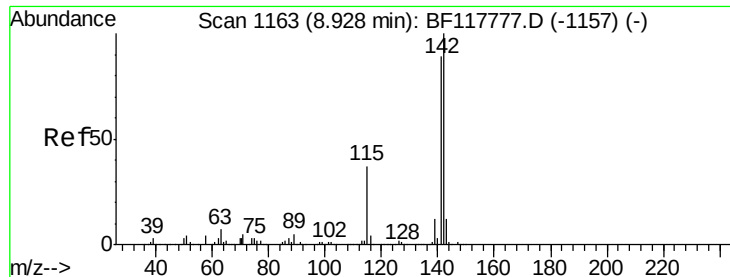
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 55.983 ng/ml
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	21.9	32.9
142	82.4	67.7	101.5





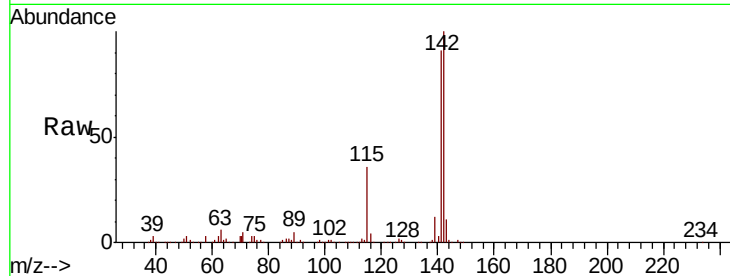
#37
2-Methylnaphthalene
Concen: 55.490 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.1	106.7
115	35.6	29.2	43.8

Manual Integrations
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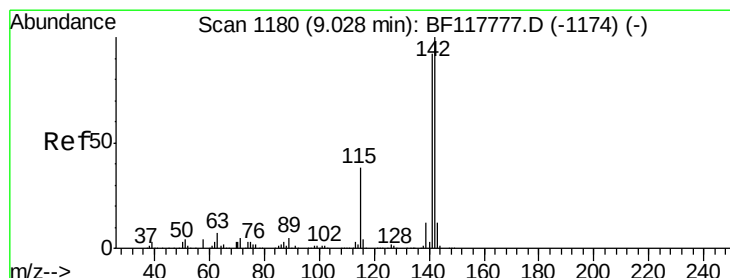
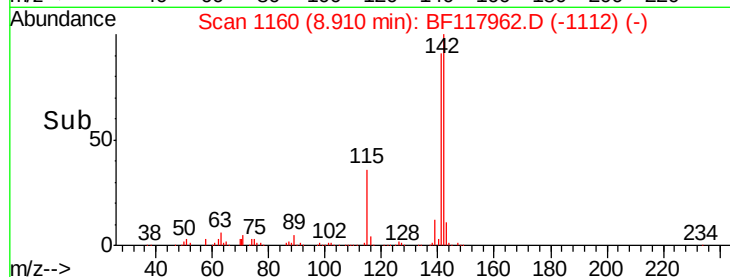
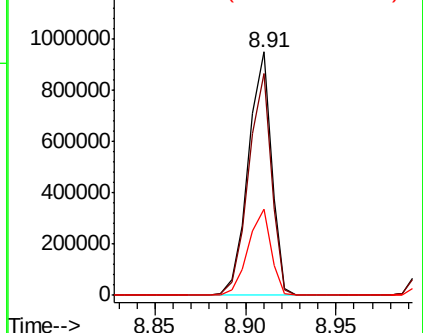


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 55.936 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

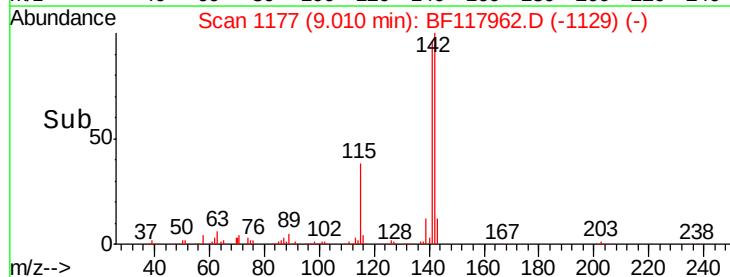
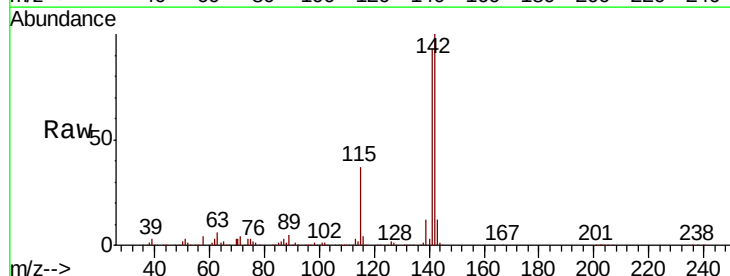
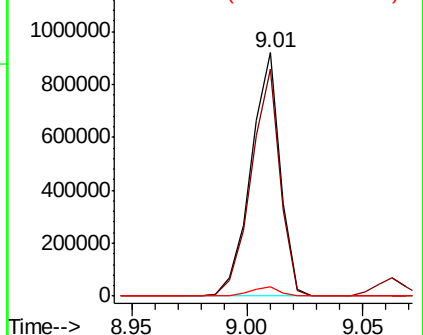
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.5	110.3
116	3.8	3.2	4.8

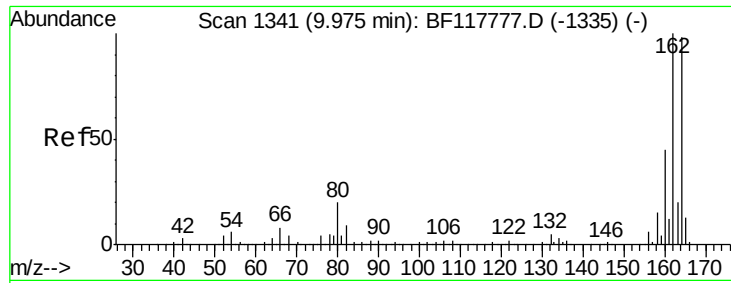
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





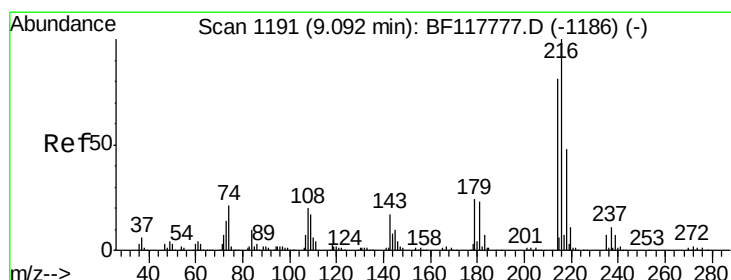
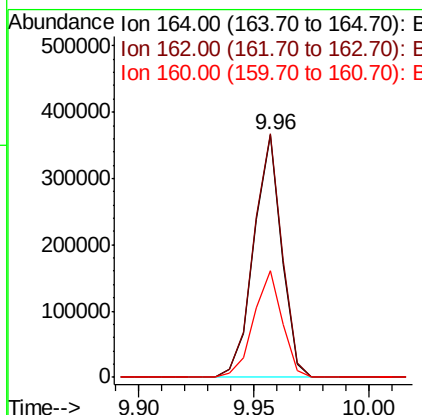
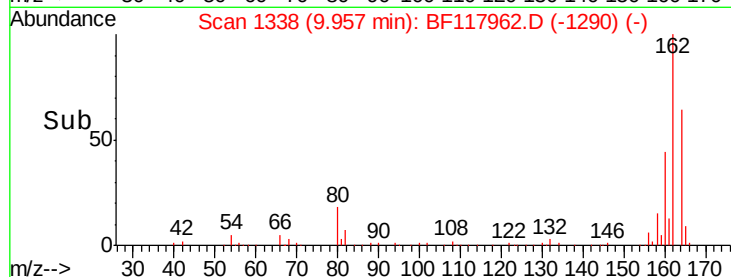
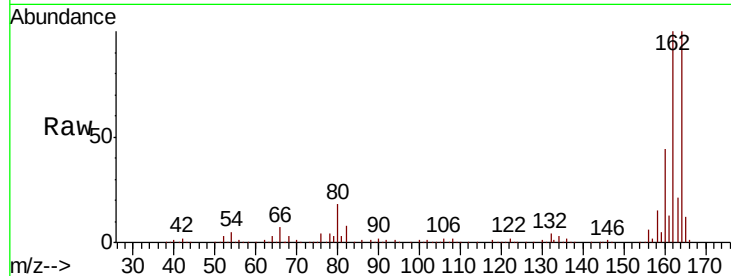
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.3	81.3	121.9	
160	43.9	36.6	55.0	

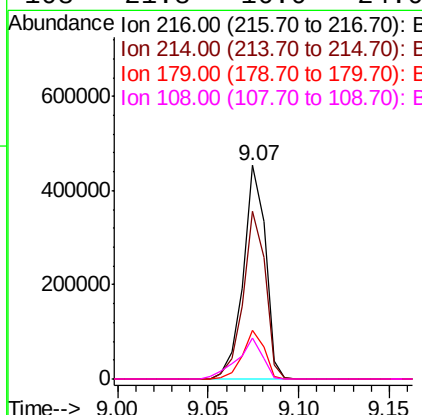
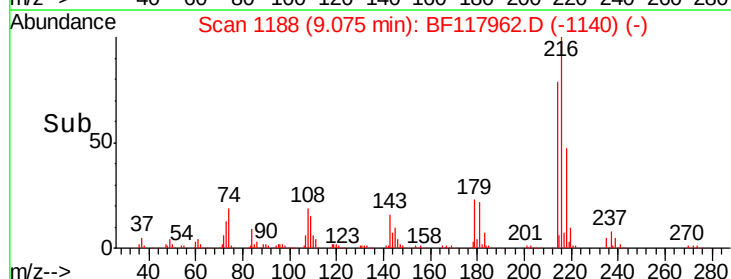
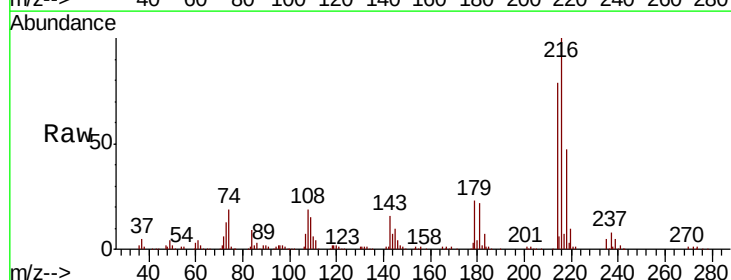
Manual Integrations
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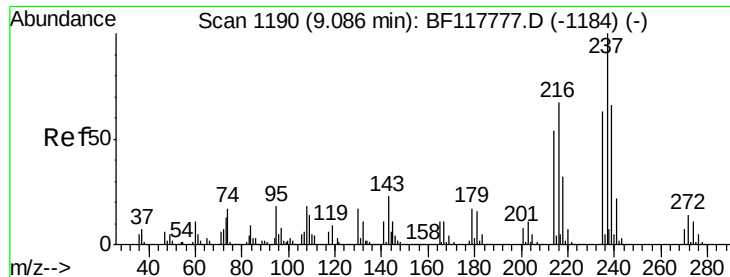
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.869 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.6	63.4	95.0	
179	22.2	18.2	27.4	
108	21.8	16.0	24.0	





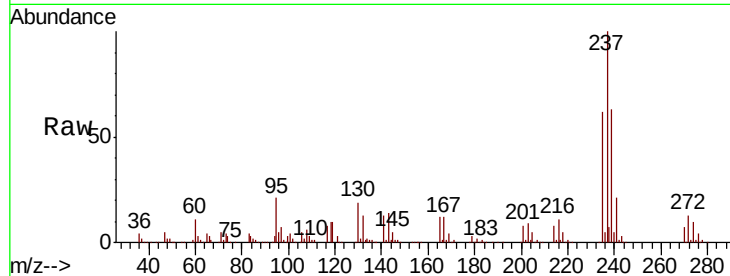
#41
Hexachlorocyclopentadiene
Concen: 94.146 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

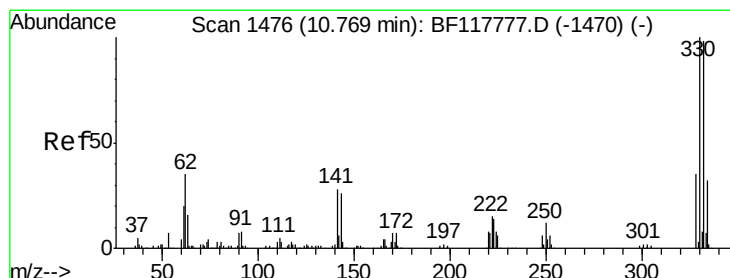
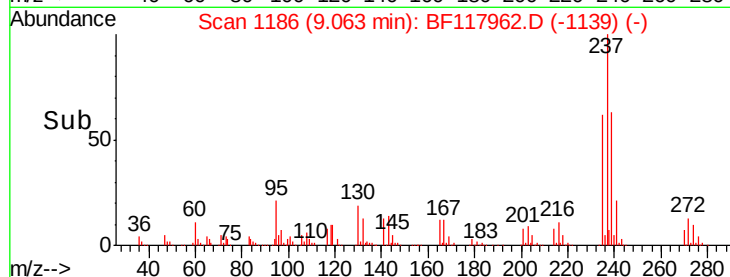
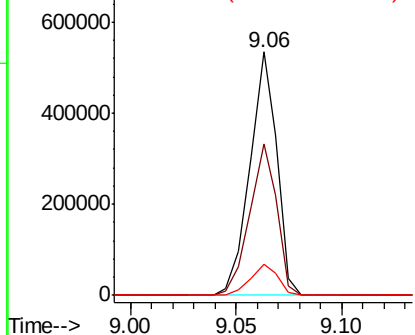
Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.2	42.6	82.6		
272	12.7	0.0	34.3		

Manual Integrations
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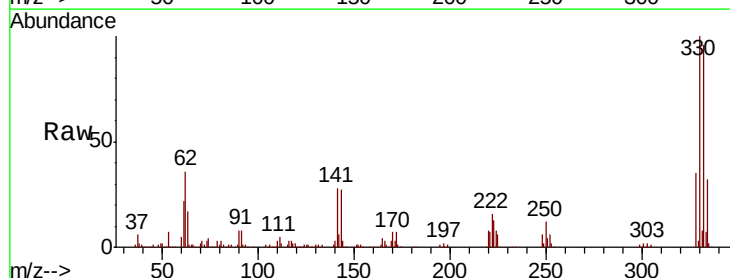


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

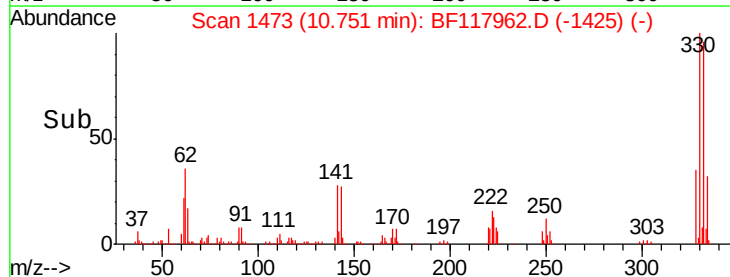
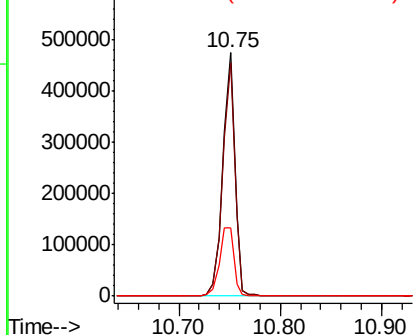


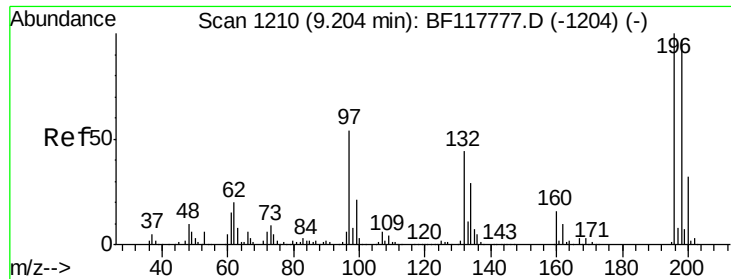
#42
2,4,6-Tribromophenol
Concen: 121.153 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	96.5	76.7	115.1		
141	33.3	27.7	41.5		



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





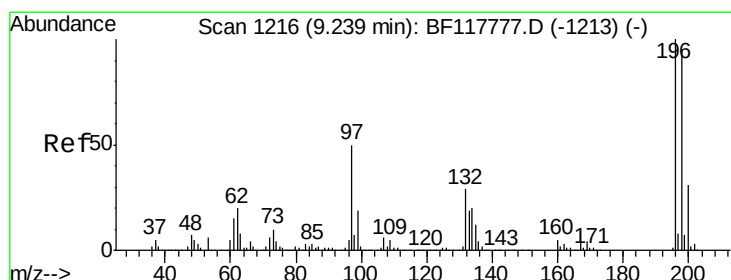
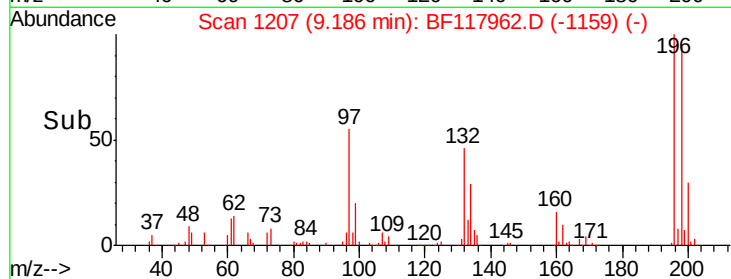
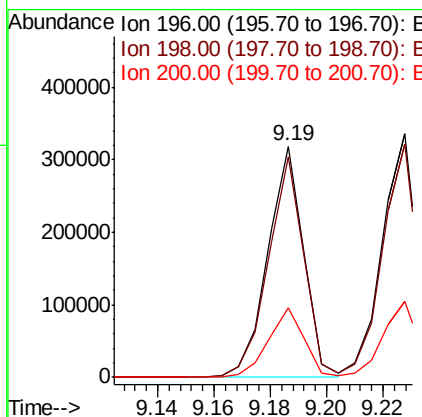
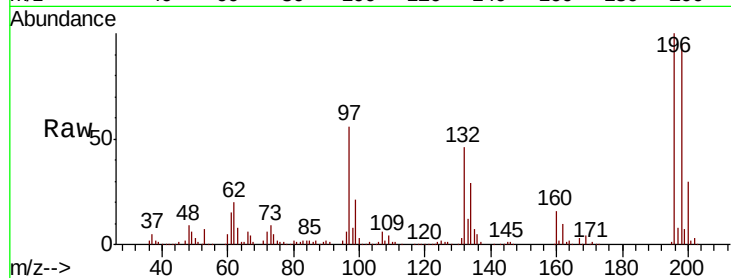
#43
2,4,6-Trichlorophenol
Concen: 43.572 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	280147		
198	95.4	77.8	116.6	
200	30.1	25.4	38.0	

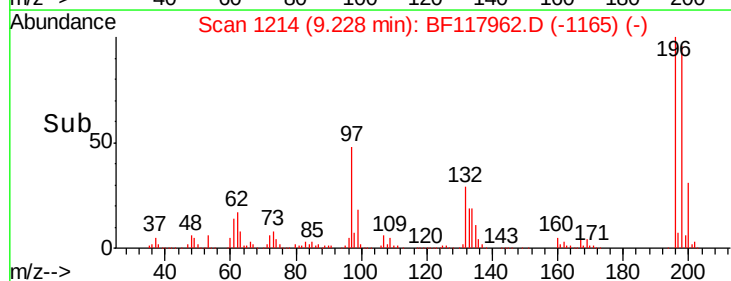
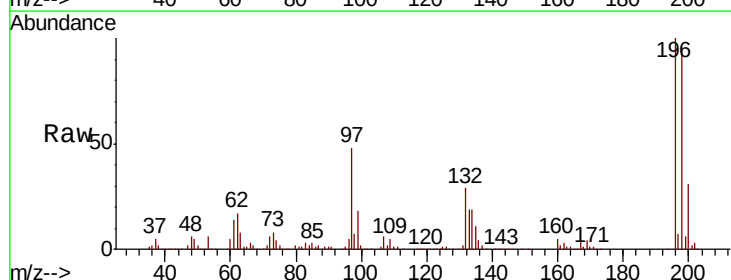
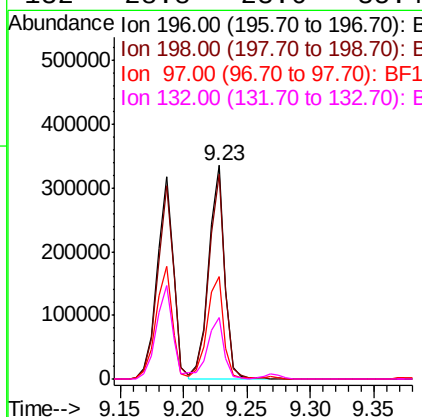
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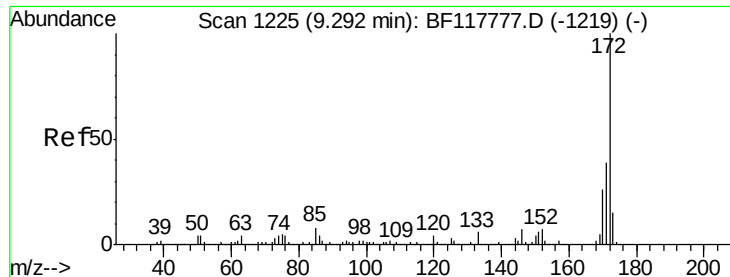
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#44
2,4,5-Trichlorophenol
Concen: 45.069 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	300866		
198	96.1	76.3	114.5	
97	48.1	40.0	60.0	
132	28.8	23.6	35.4	





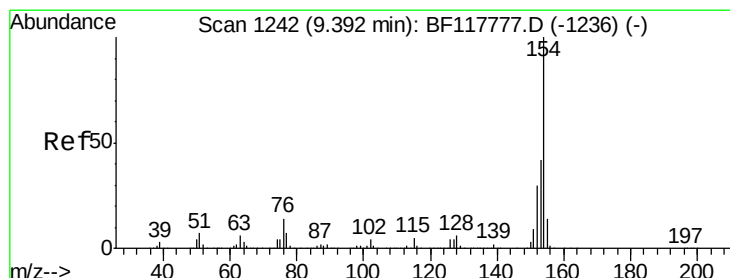
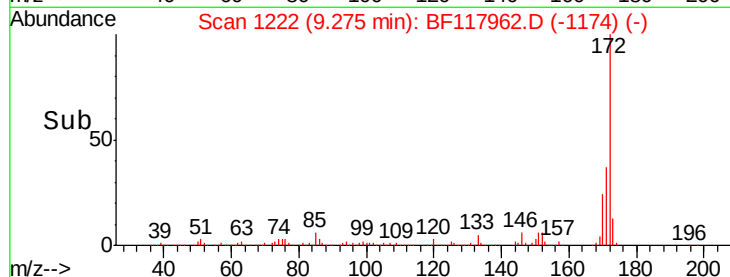
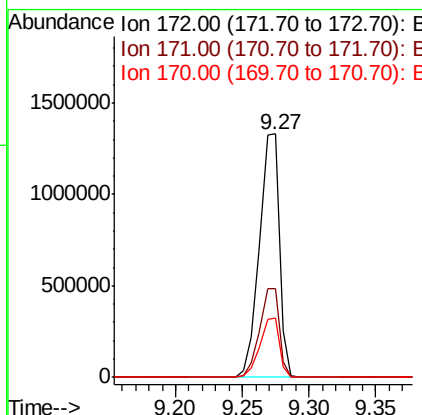
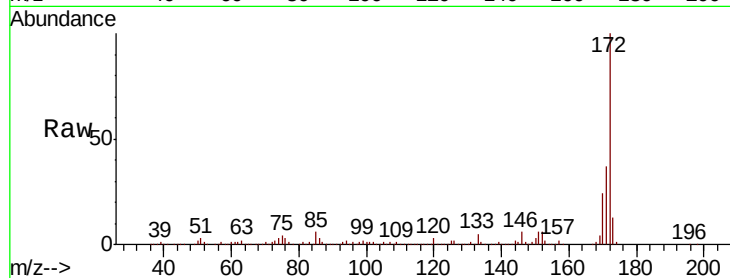
#45
2-Fluorobiphenyl
Concen: 79.356 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion:172 Resp: 1367249
Ion Ratio Lower Upper
172 100
171 36.5 30.9 46.3
170 24.2 21.0 31.4

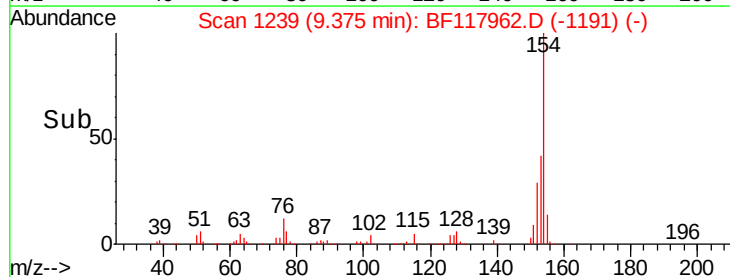
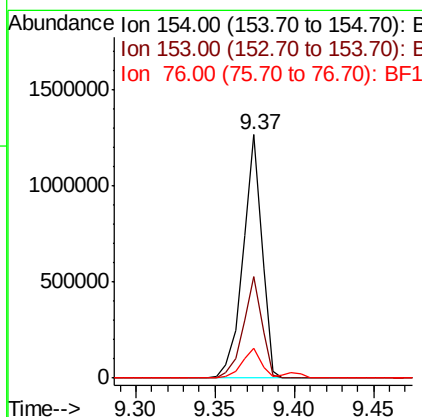
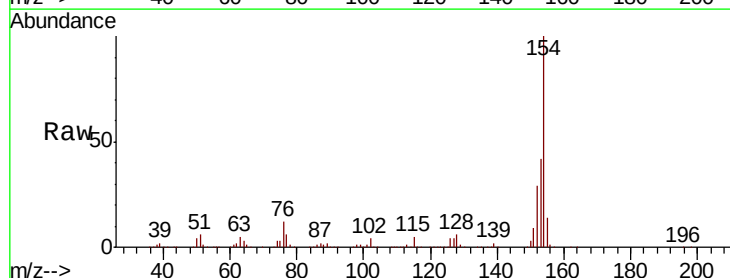
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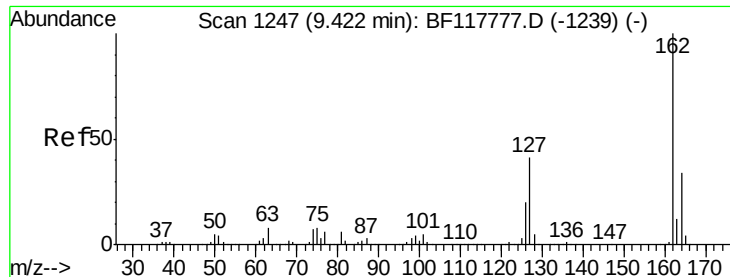
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#46
1,1'-Biphenyl
Concen: 45.216 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion:154 Resp: 1036902
Ion Ratio Lower Upper
154 100
153 41.5 21.9 61.9
76 12.2 0.0 33.6





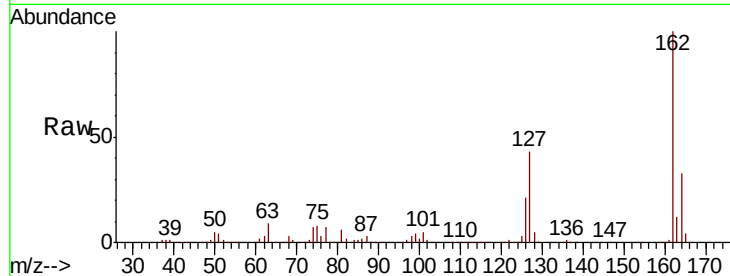
#47
2-Chloronaphthalene
Concen: 43.795 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	826206		
127	43.2		33.2	49.8
164	32.8		27.3	40.9

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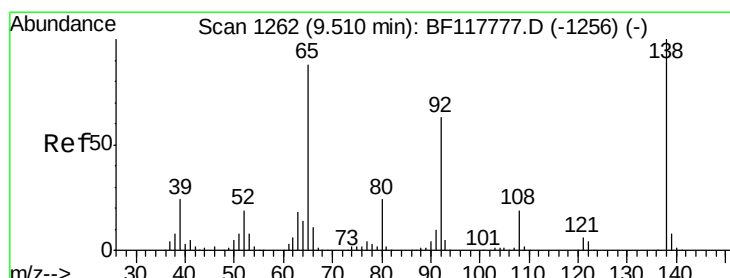
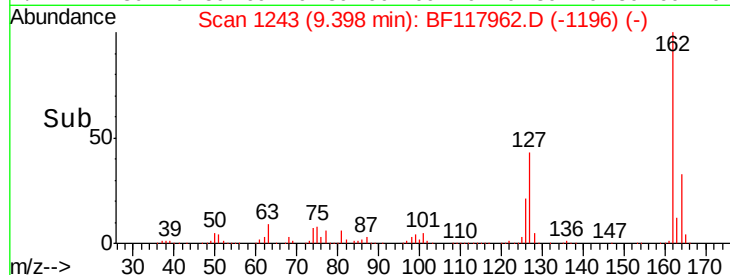
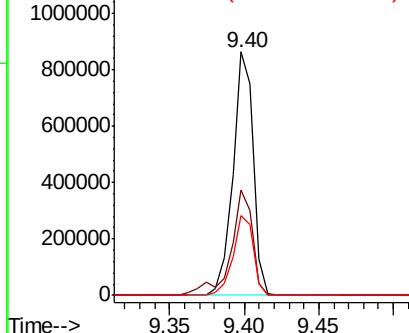


Abundance

Ion 162.00 (161.70 to 162.70): E

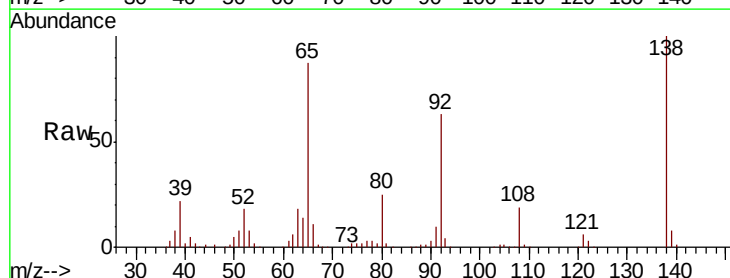
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.205 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	246074		
92	72.7		56.6	84.8
138	114.9		90.5	135.7

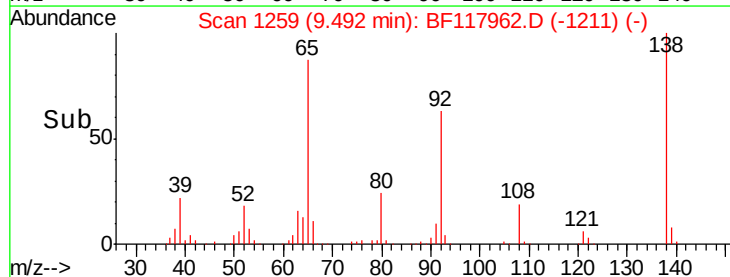
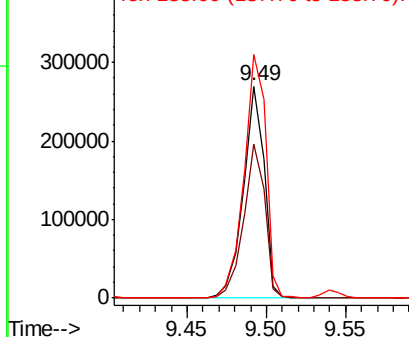


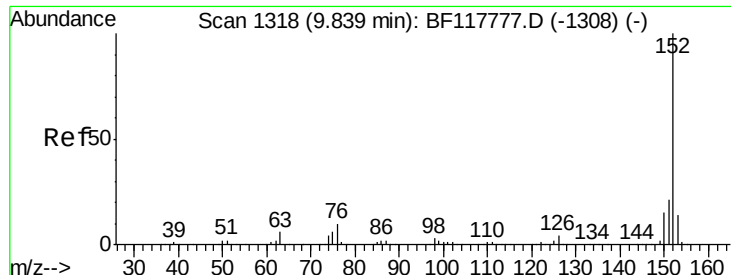
Abundance

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: 48.316 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-4FTMS

Tot Ion:152 Resp: 1328913

Ion Ratio Lower Upper

152 100

151 20.9 17.0 25.6

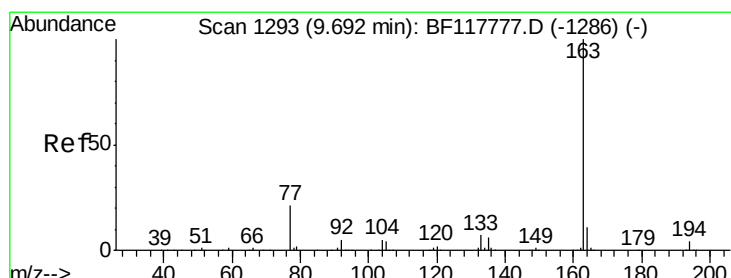
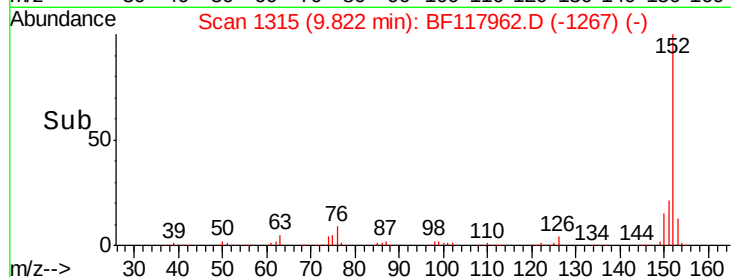
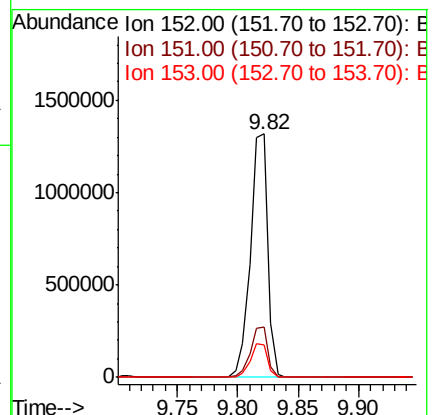
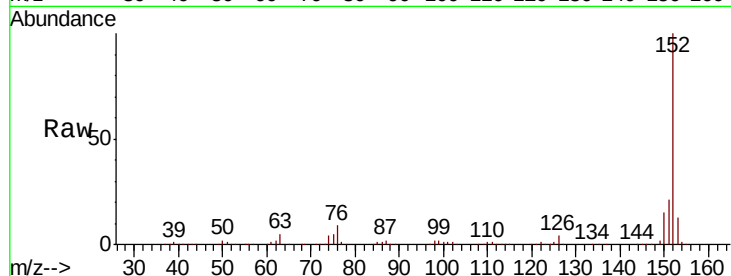
153 13.3 11.0 16.6

Manual Integrations

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#50

Dimethylphthalate

Concen: 55.710 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

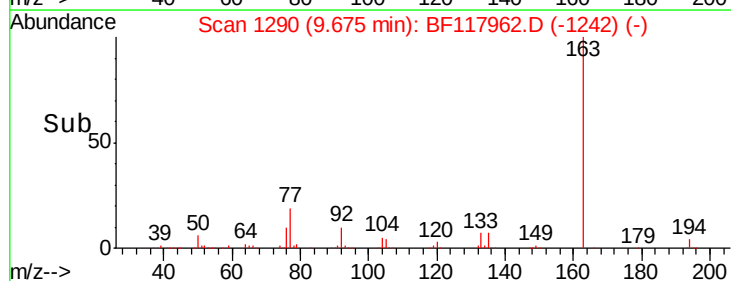
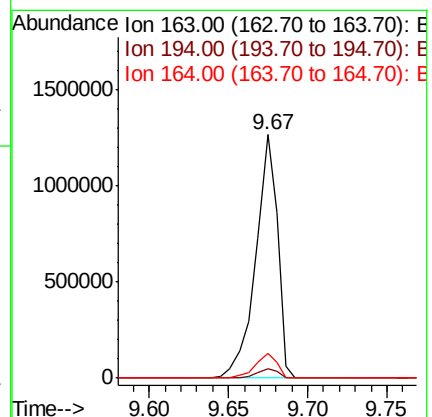
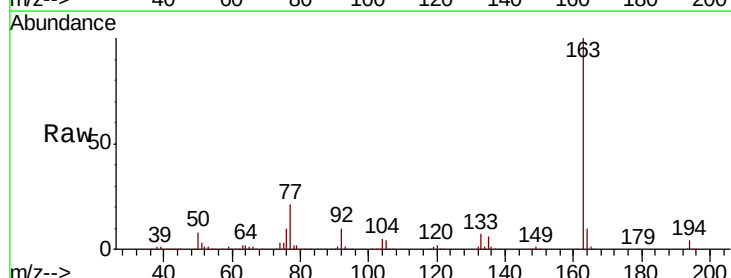
Tgt Ion:163 Resp: 1207533

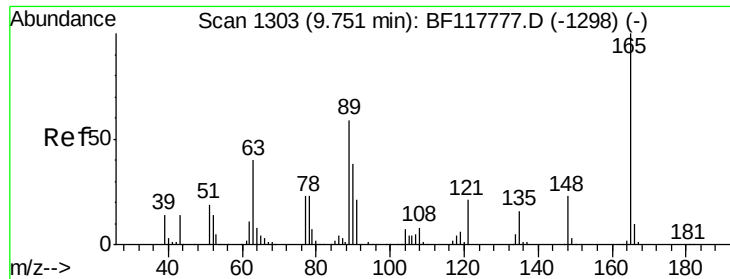
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.4 8.7 13.1





#51

2,6-Dinitrotoluene

Concen: 48.625 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

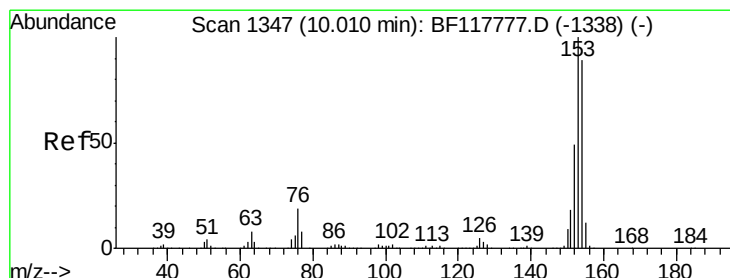
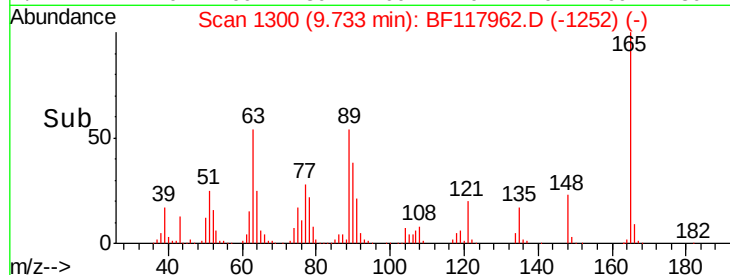
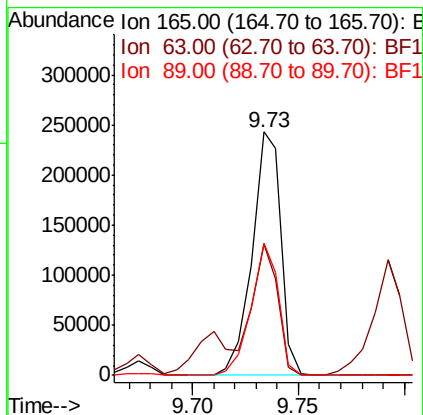
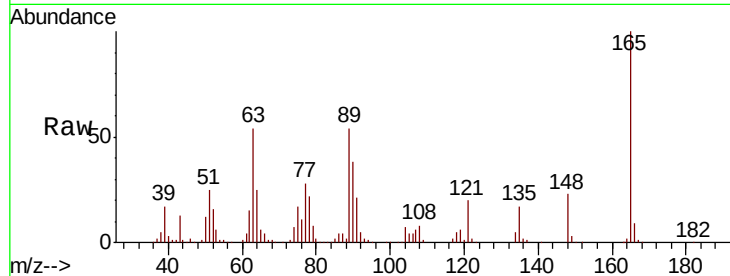
ClientSampleId :

IRONBOUND-4FTMS

Tot Ion:	165	Resp:	230347
Ion Ratio	Lower	Upper	
165	100		
63	53.9	46.0	69.0
89	54.1	47.7	71.5

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#52

Acenaphthene

Concen: 52.222 ng

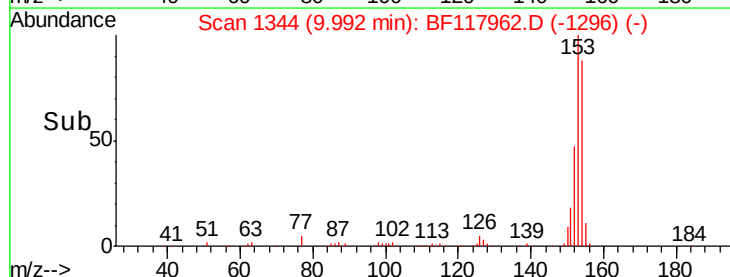
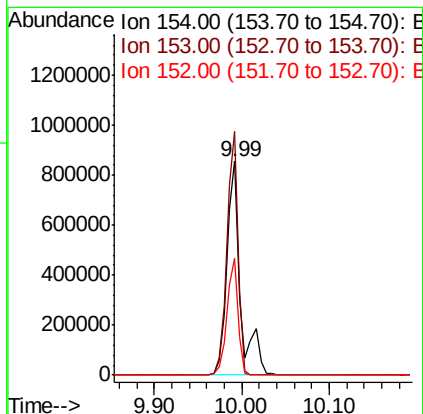
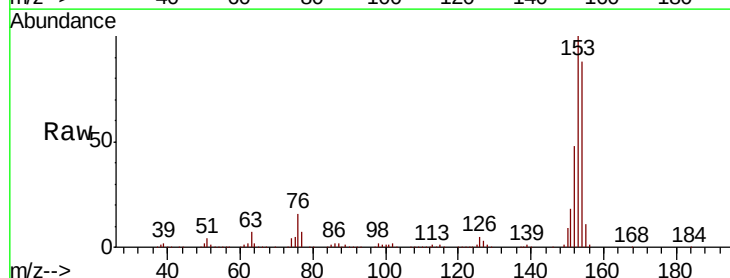
RT: 9.99 min Scan# 1344

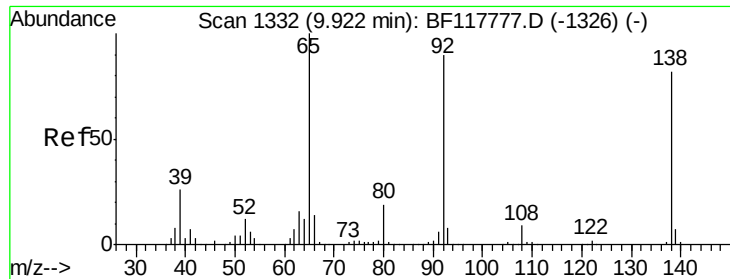
Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Tgt Ion:	154	Resp:	920119
Ion Ratio	Lower	Upper	
154	100		
153	113.7	90.1	135.1
152	54.6	44.0	66.0





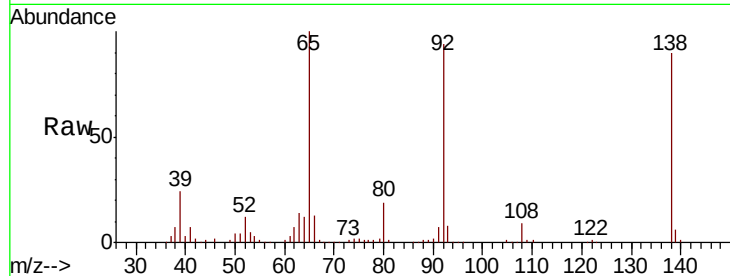
#53
3-Nitroaniline
Concen: 24.567 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.6	12.8
92	104.7	87.9	131.9

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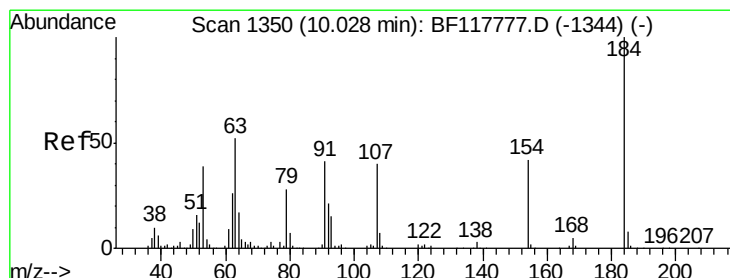
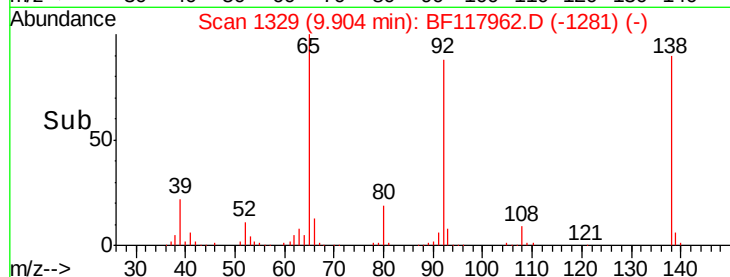
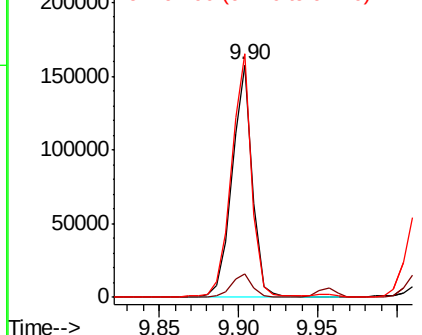


Abundance

Ion 138.00 (137.70 to 138.70): E

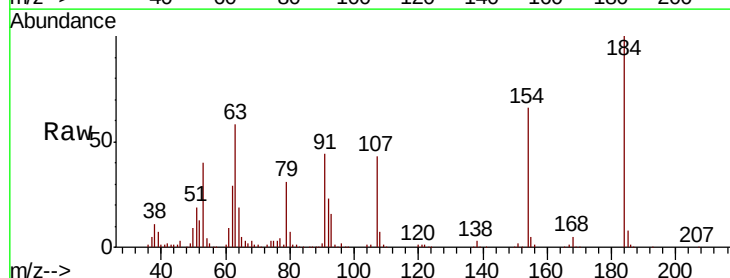
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 100.430 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.5	43.0	64.6
154	66.2	48.0	72.0

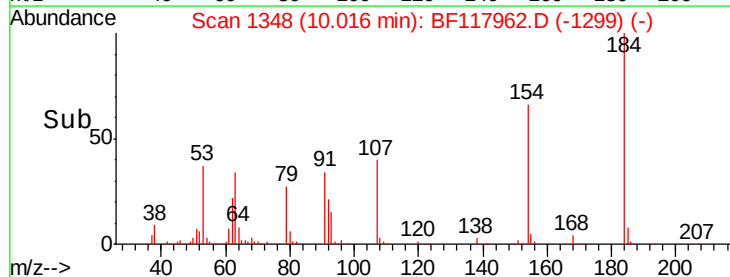
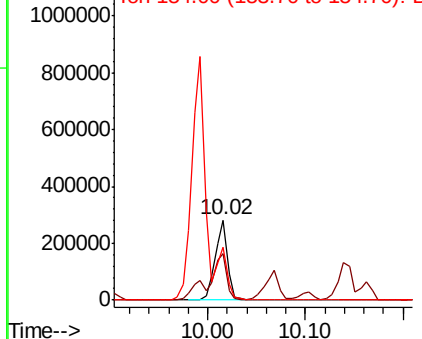


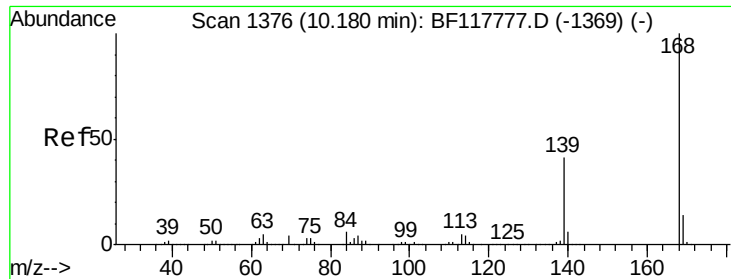
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 47.930 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-4FTMS

Tot Ion:168 Resp: 1169410

Ion Ratio Lower Upper

168 100

139 40.6 33.0 49.6

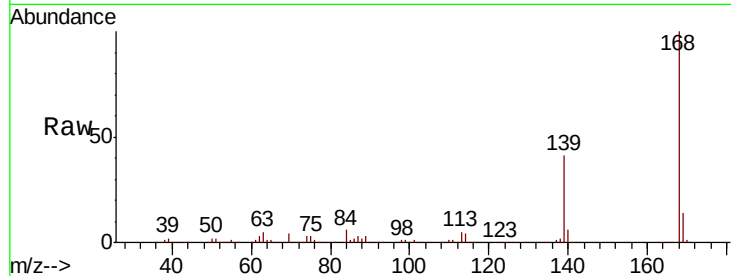
169 13.8 11.5 17.3

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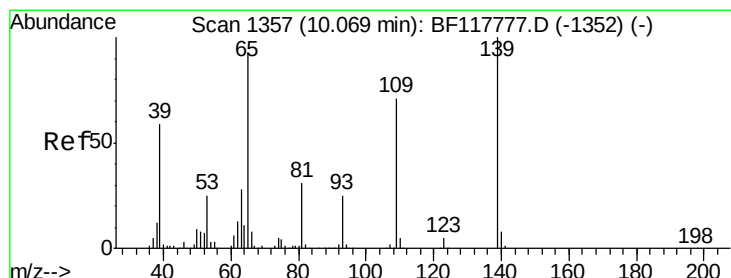
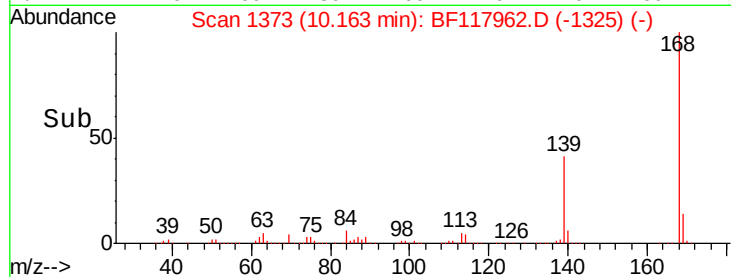
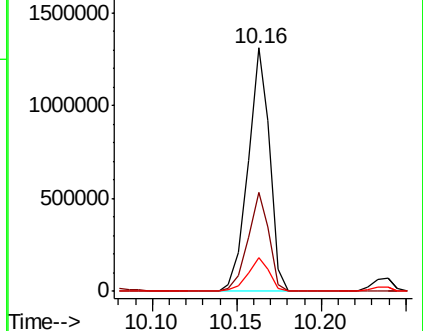
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 90.376 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

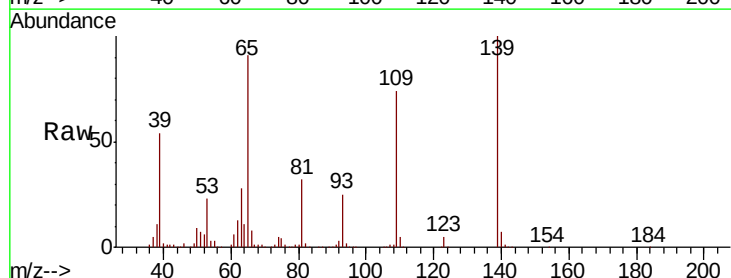
Tgt Ion:139 Resp: 382392

Ion Ratio Lower Upper

139 100

109 73.8 50.8 90.8

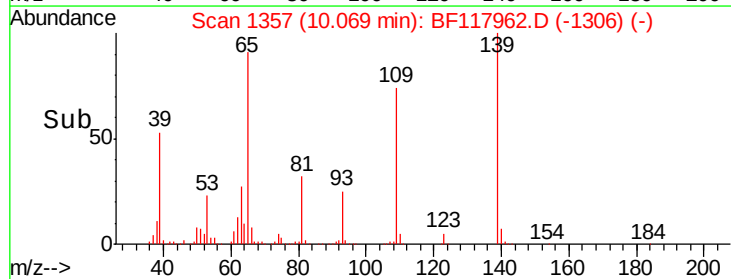
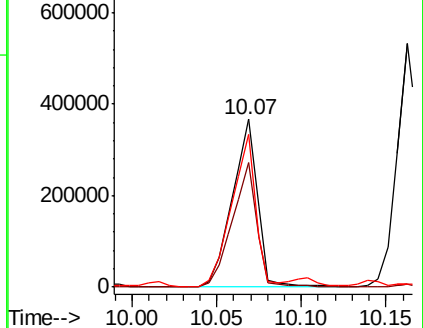
65 90.8 73.6 113.6

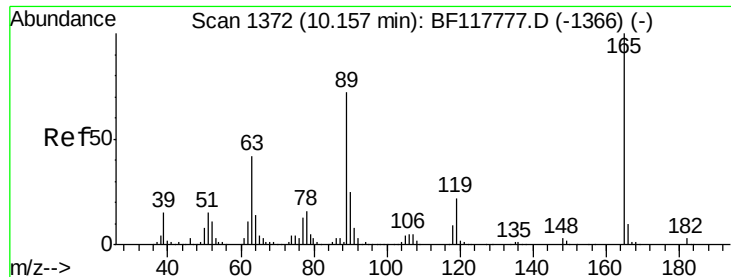


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





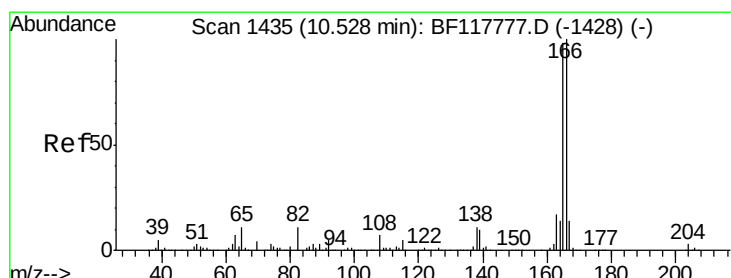
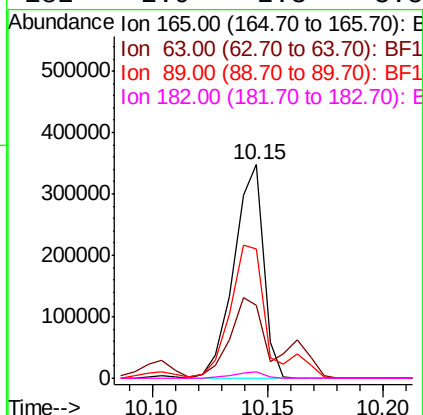
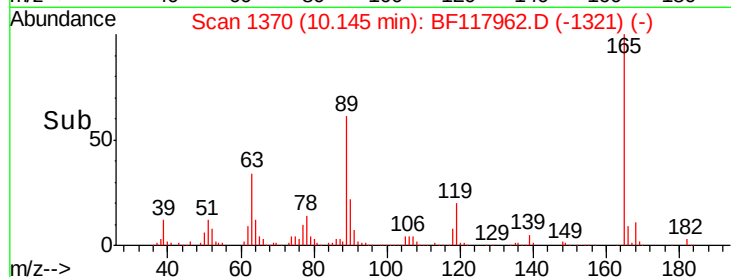
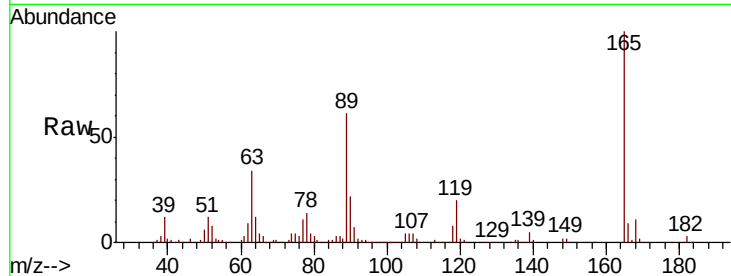
#57
2,4-Dinitrotoluene
Concen: 51.889 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	312682		
63	34.4		33.7	50.5
89	60.6		57.3	85.9
182	2.9		2.3	3.5

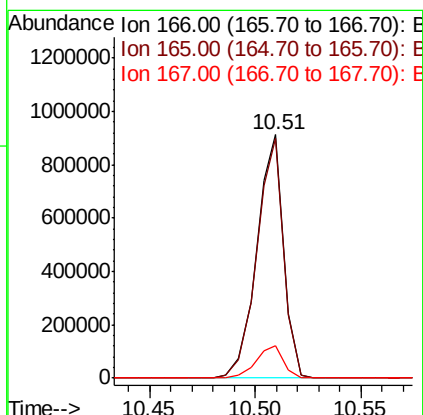
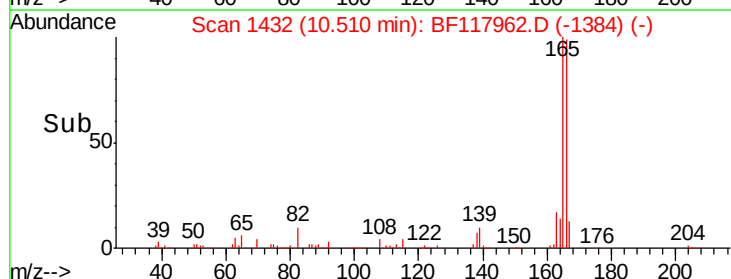
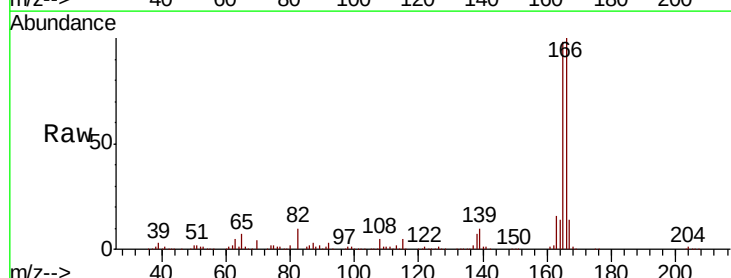
Manual Integrations
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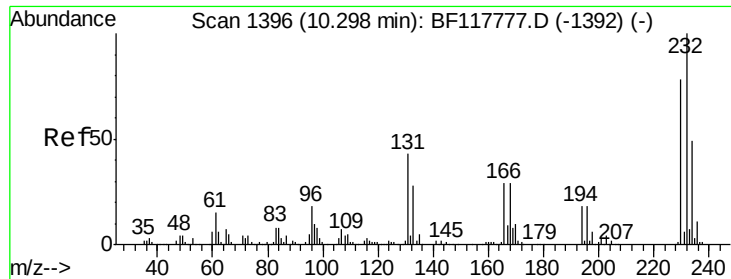
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#58
Fluorene
Concen: 42.516 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	803845		
165	98.4		78.4	117.6
167	13.6		11.0	16.4





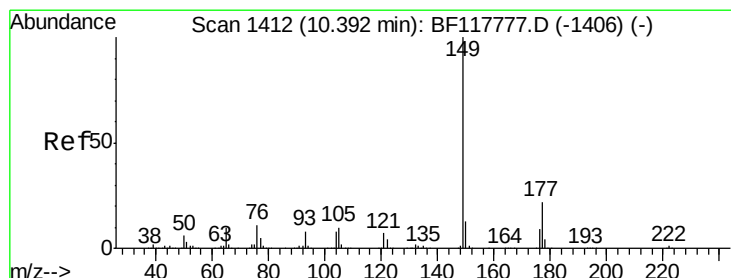
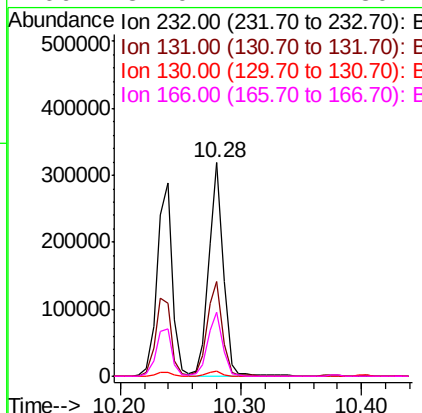
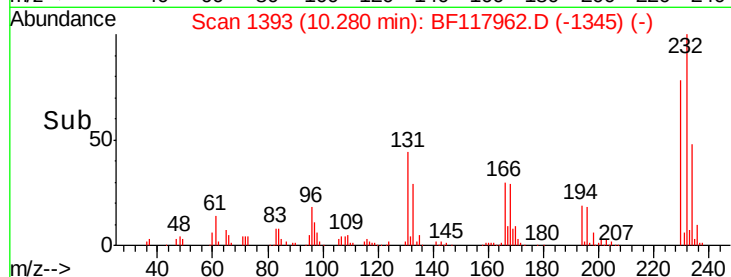
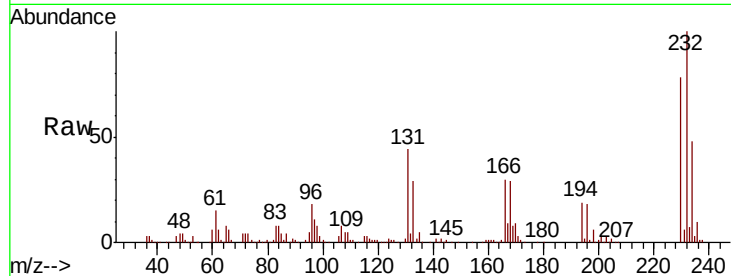
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.162 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		264170		
131	45.8	37.6	56.4		
130	2.2	1.9	2.9		
166	31.0	24.2	36.4		

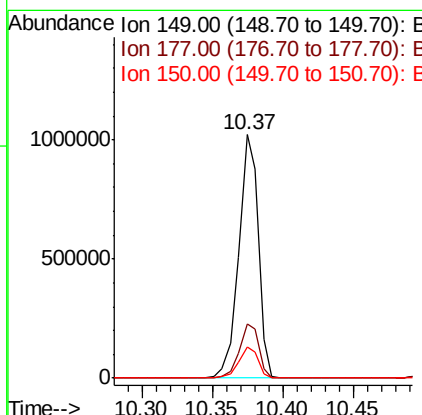
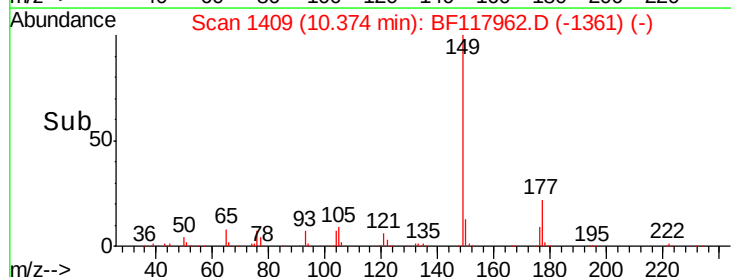
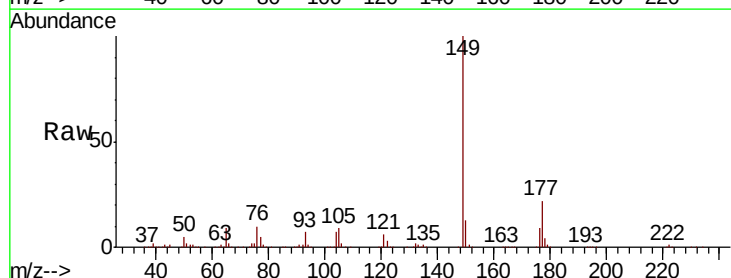
Manual Integrations
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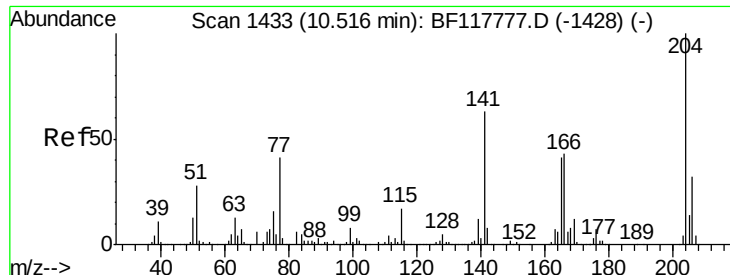
mohammad
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#60
Diethylphthalate
Concen: 46.377 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		980031		
177	22.4	18.0	27.0		
150	12.7	10.5	15.7		





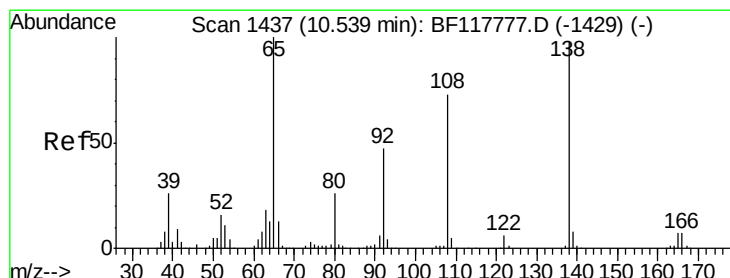
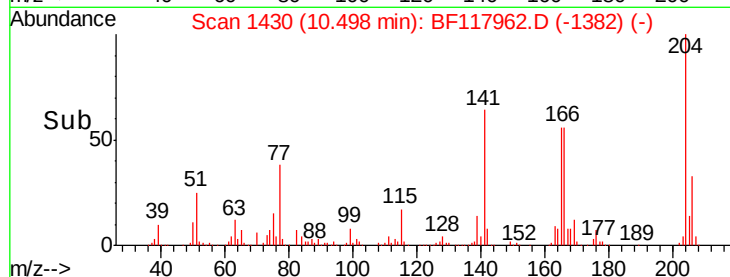
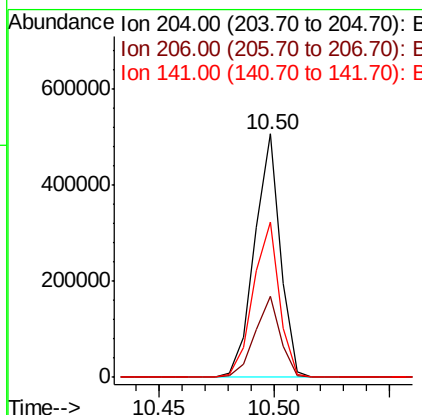
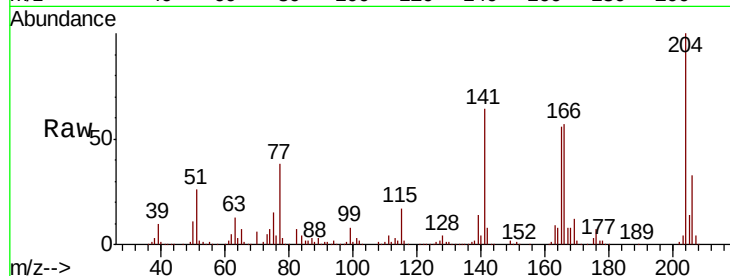
#61
4-Chlorophenyl-phenylether
Concen: 41.181 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	33.2	25.6	38.4
141	64.0	50.7	76.1

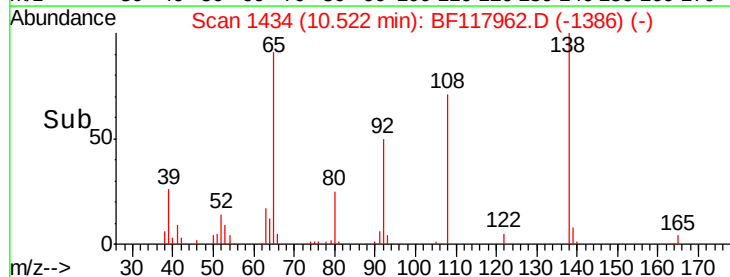
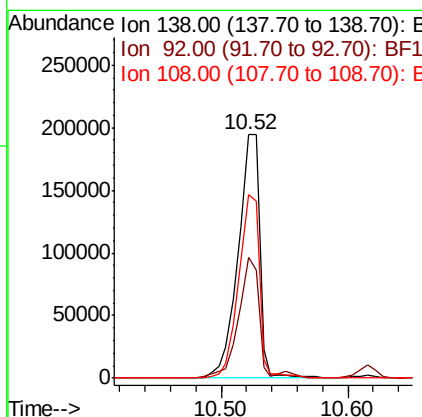
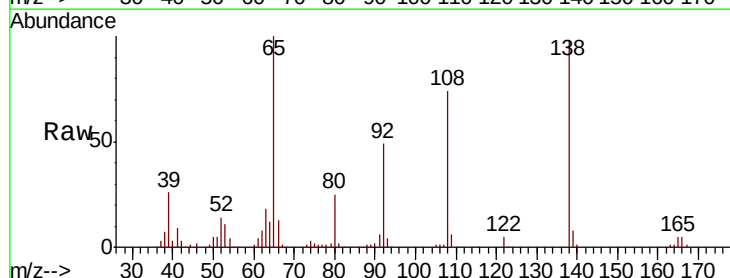
Manual Integrations
APPROVED

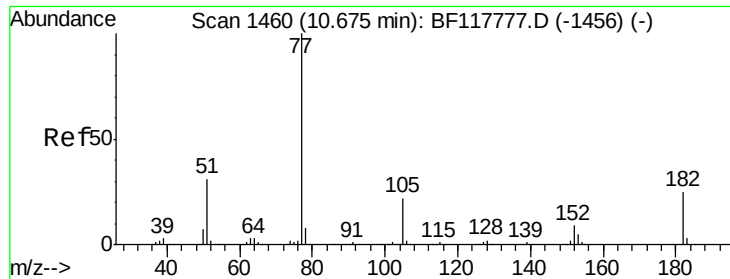
mohammad
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#62
4-Nitroaniline
Concen: 40.284 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	49.6	28.3	68.3
108	75.4	54.3	94.3





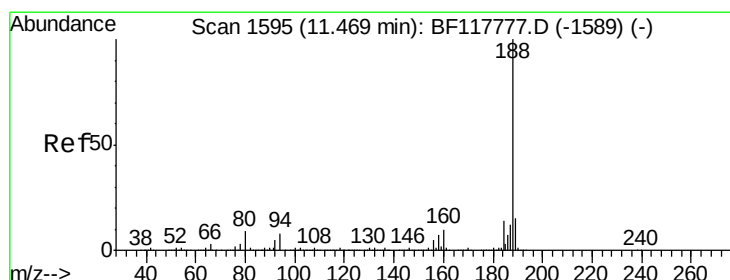
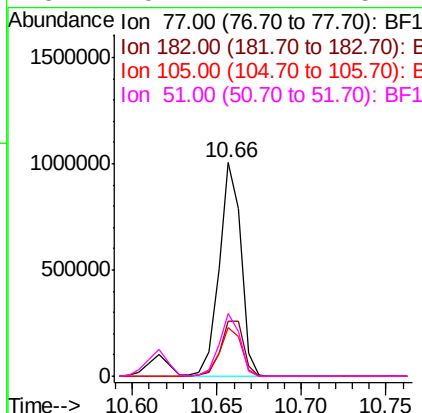
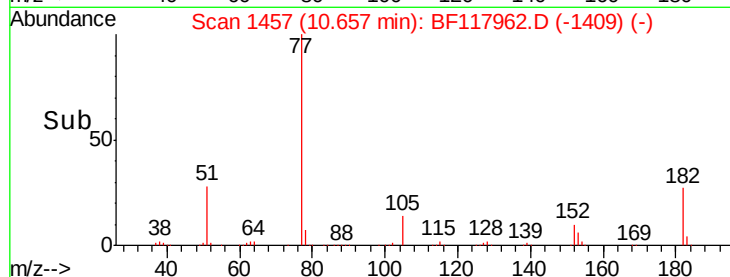
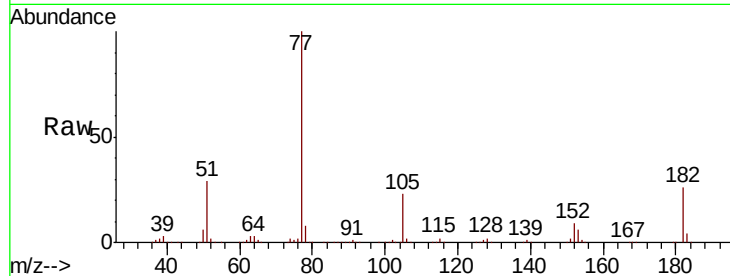
#63
Azobenzene
Concen: 46.642 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.0	4.8	44.8		
105	22.6	2.1	42.1		
51	29.1	11.4	51.4		

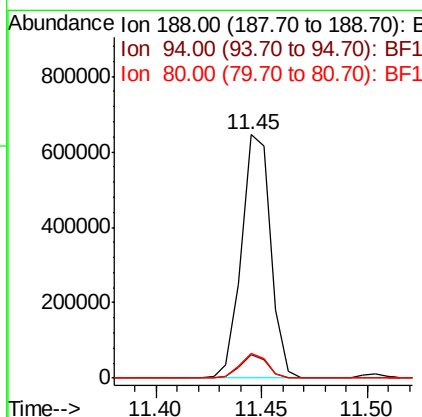
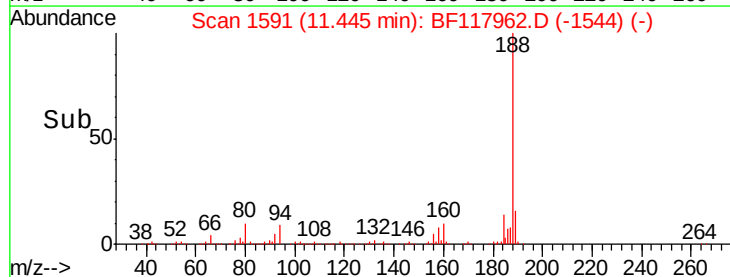
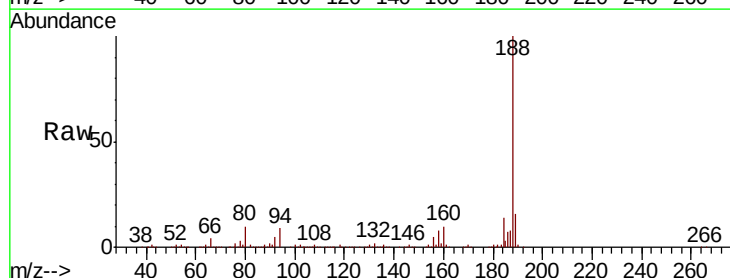
Manual Integrations
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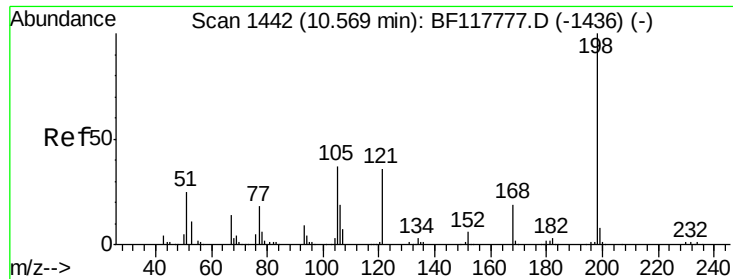
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.5	6.6	10.0		
80	10.2	7.2	10.8		





#65

4,6-Dinitro-2-methylphenol

Concen: 58.278 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

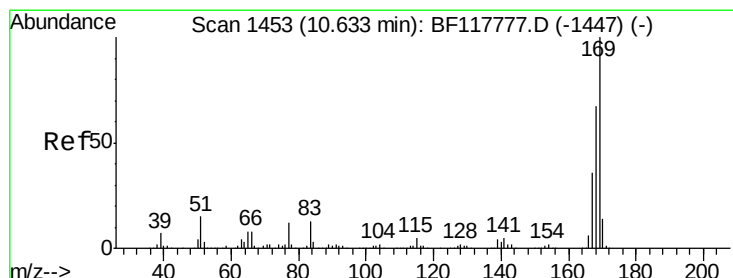
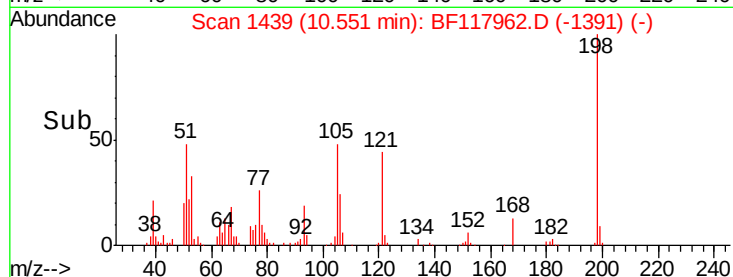
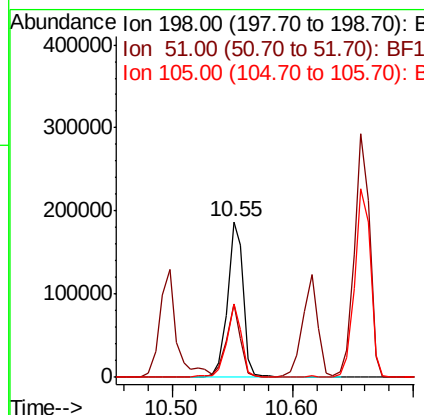
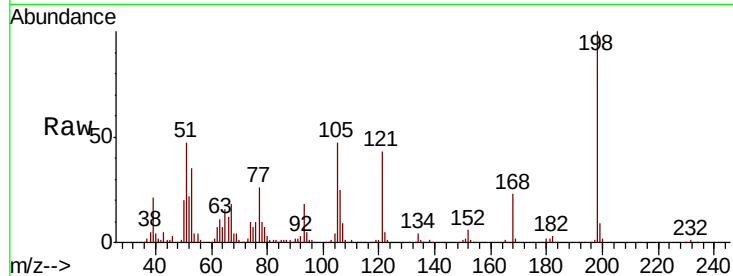
ClientSampleId :

IRONBOUND-4FTMS

Tot Ion:	198	Resp:	168068
Ion Ratio	Lower	Upper	
198	100		
51	47.3	16.0	56.0
105	47.1	19.1	59.1

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 46.092 ng

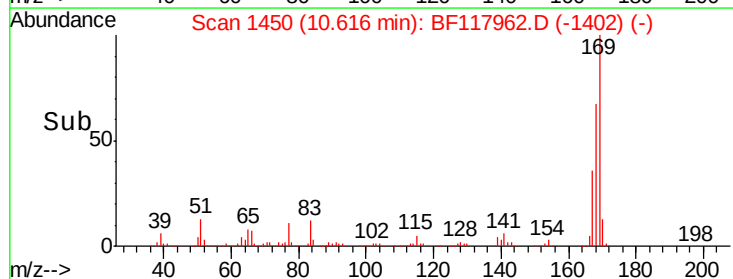
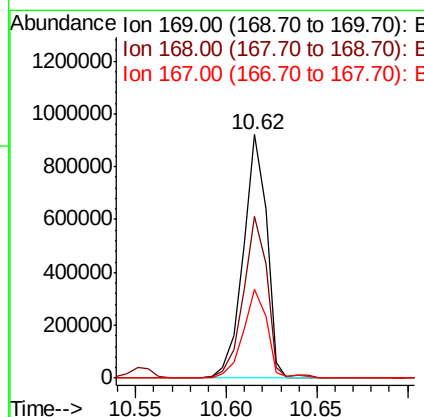
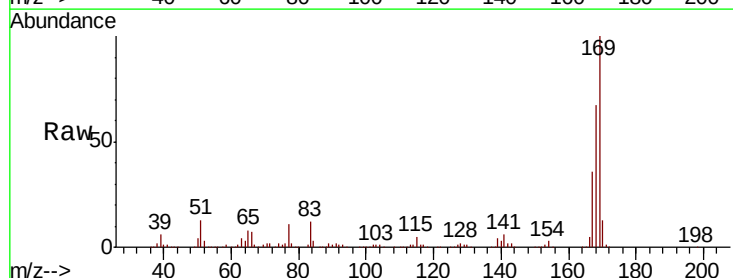
RT: 10.62 min Scan# 1450

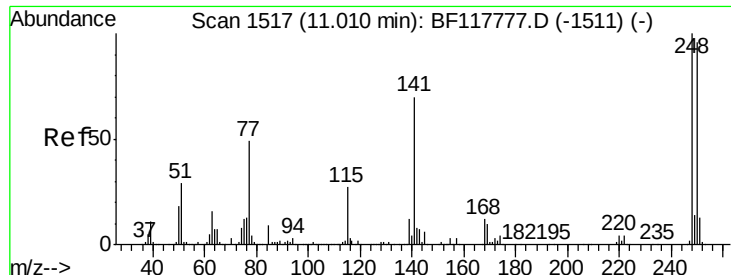
Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Tgt Ion:	169	Resp:	828673
Ion Ratio	Lower	Upper	
169	100		
168	66.6	53.5	80.3
167	36.3	29.0	43.4





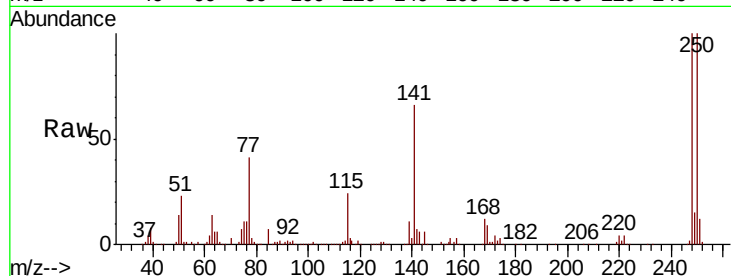
#67
4-Bromophenyl-phenylether
Concen: 42.870 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.1	76.6	115.0
141	65.8	55.9	83.9

Manual Integrations
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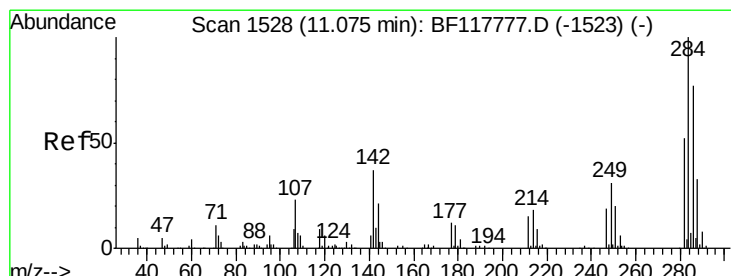
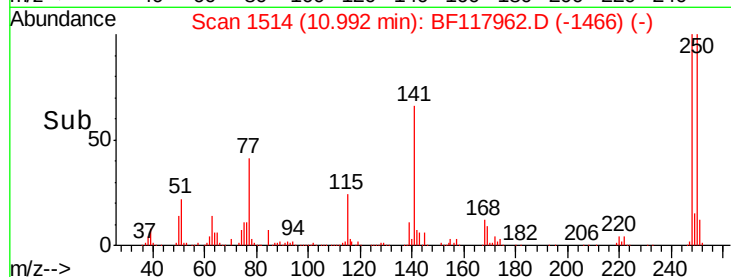
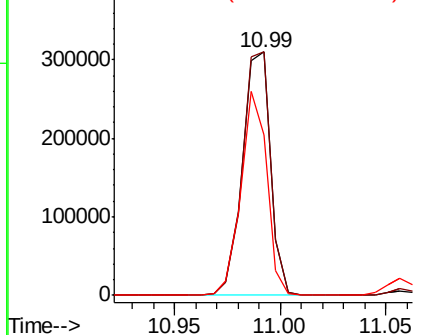


Abundance

Ion 248.00 (247.70 to 248.70): E

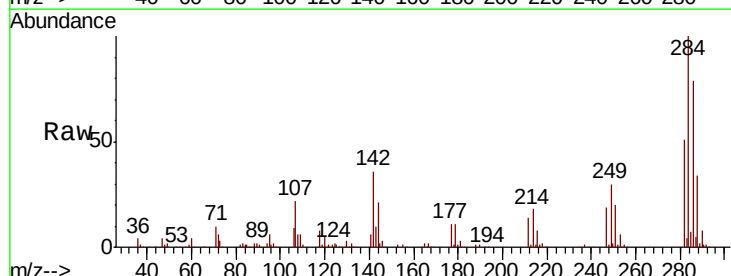
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.514 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.5	29.4	44.2
249	30.2	24.6	37.0

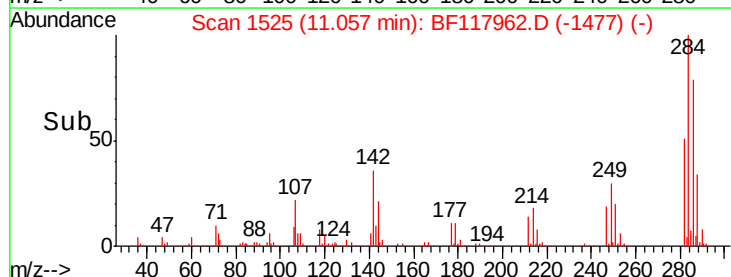
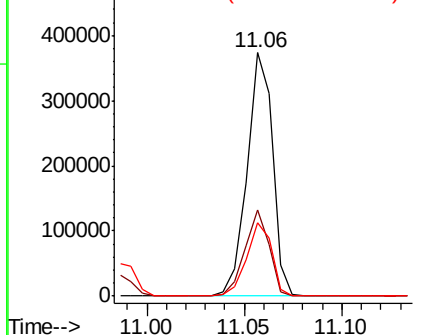


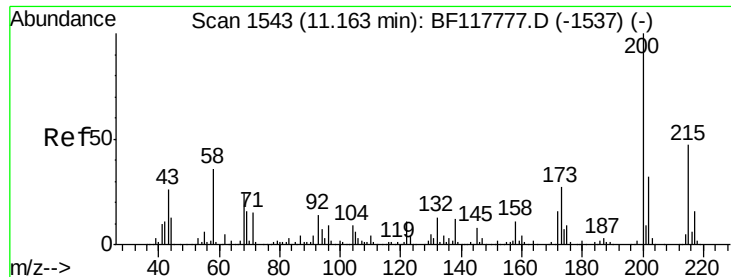
Abundance

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





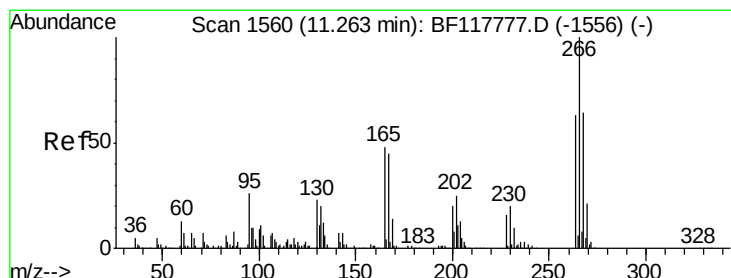
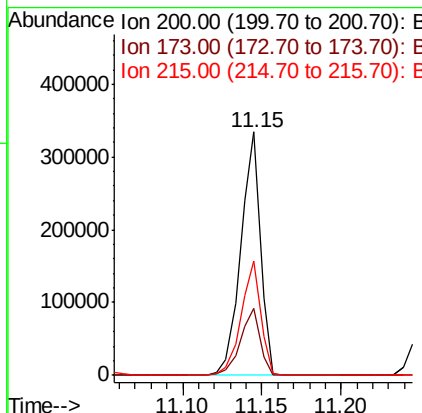
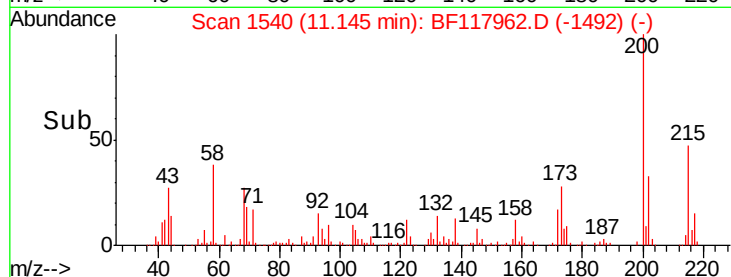
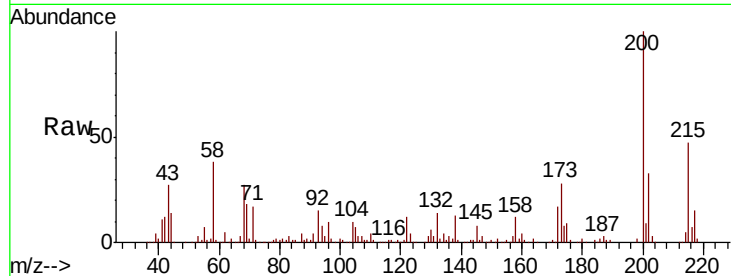
#69
Atrazine
Concen: 48.358 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.7	6.7	46.7
215	46.7	27.5	67.5

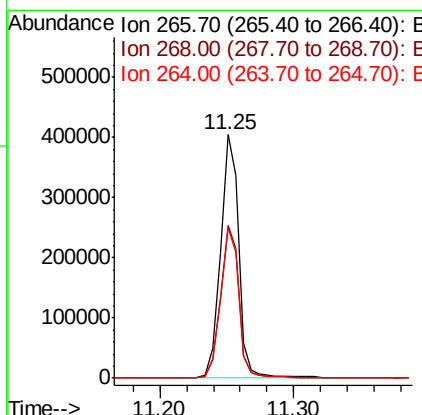
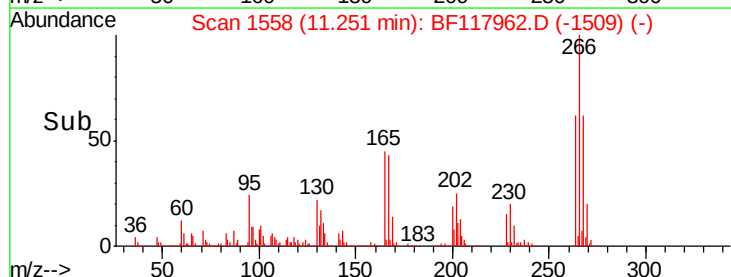
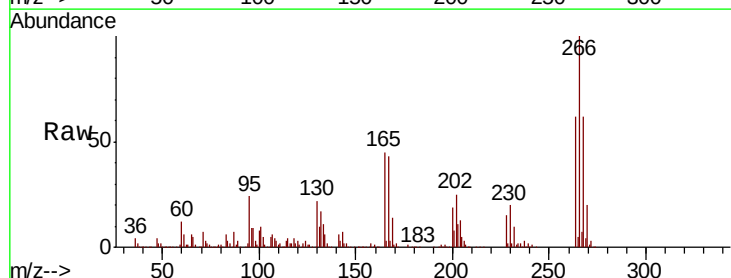
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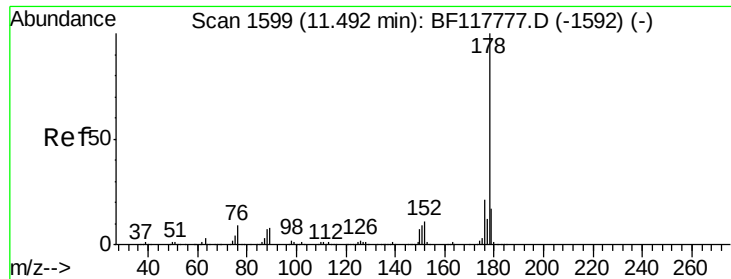
mohammad
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#70
Pentachlorophenol
Concen: 85.845 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.5	50.8	76.2
264	61.7	50.7	76.1





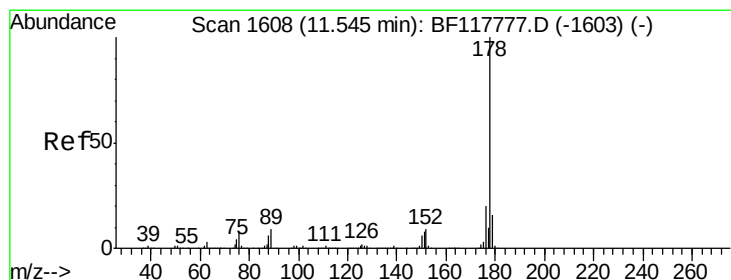
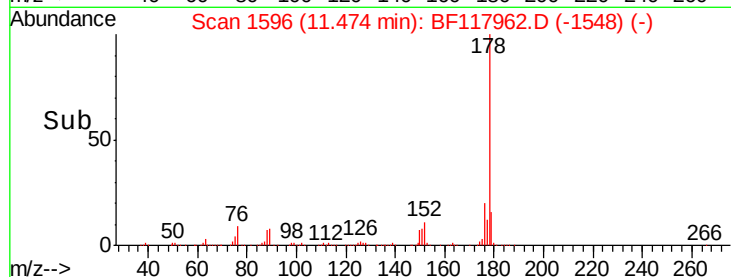
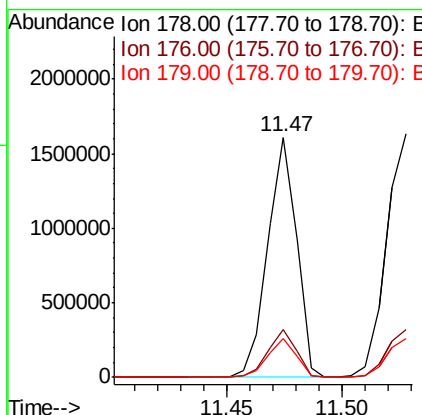
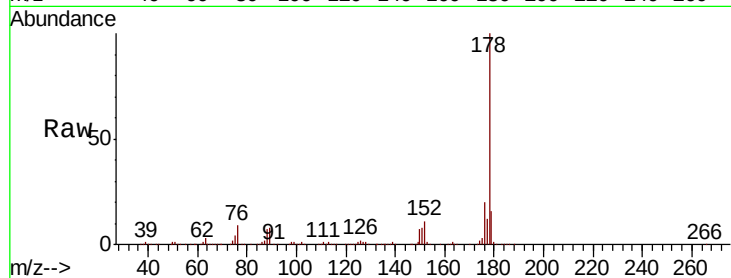
#71
Phenanthrene
Concen: 45.157 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion:178 Resp: 1402541
Ion Ratio Lower Upper
178 100
176 20.2 16.6 25.0
179 15.9 13.2 19.8

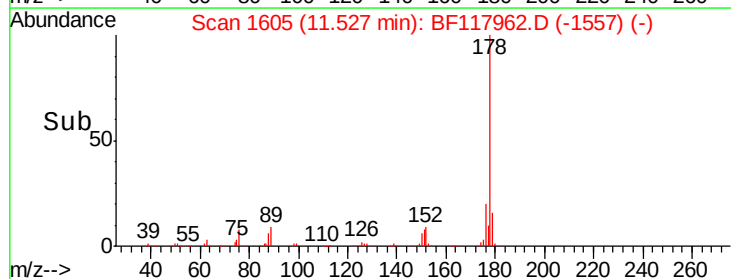
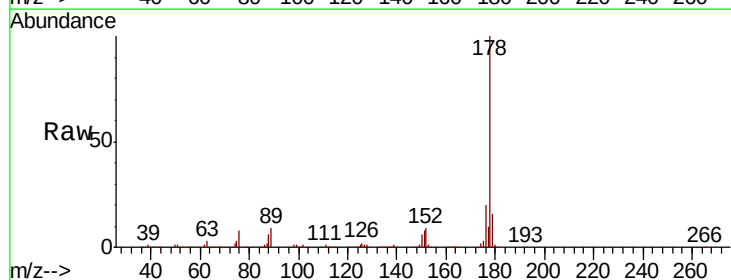
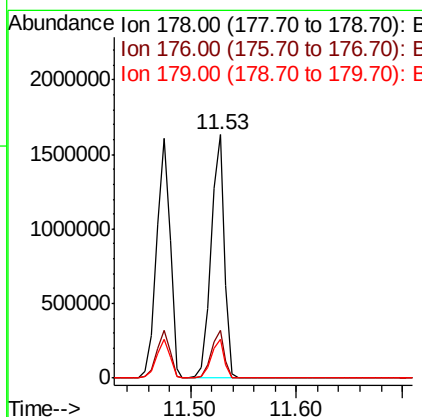
Manual Integrations
APPROVED

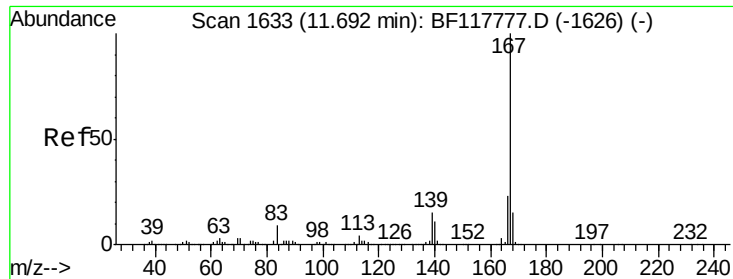
mohammad
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#72
Anthracene
Concen: 47.262 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion:178 Resp: 1455381
Ion Ratio Lower Upper
178 100
176 19.7 16.1 24.1
179 16.1 13.0 19.4





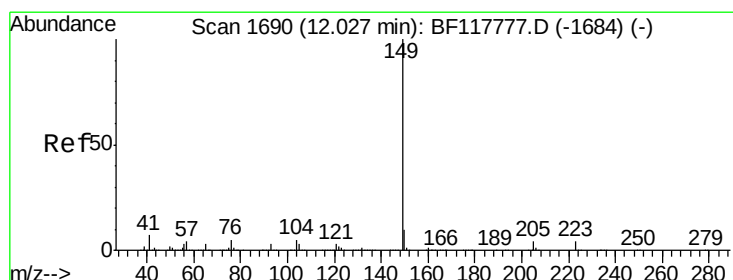
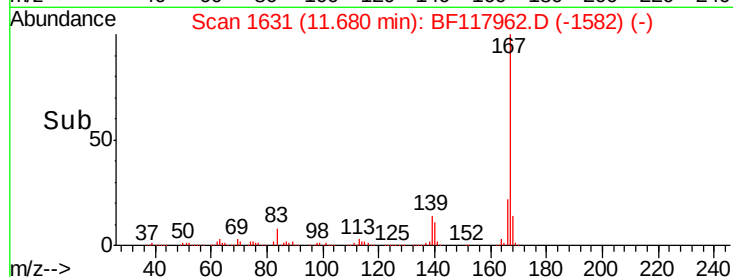
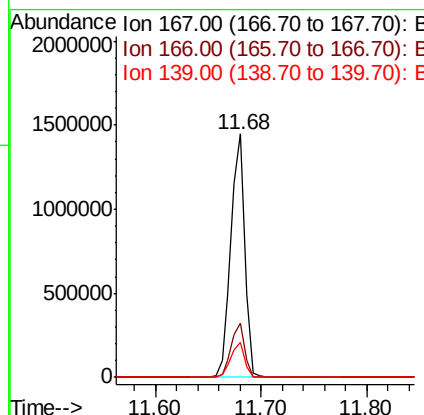
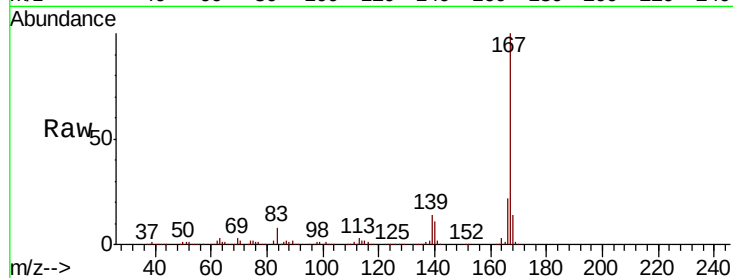
#73
 Carbazole
 Concen: 49.291 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-4FTMS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.2	18.0	27.0	
139	14.1	11.7	17.5	

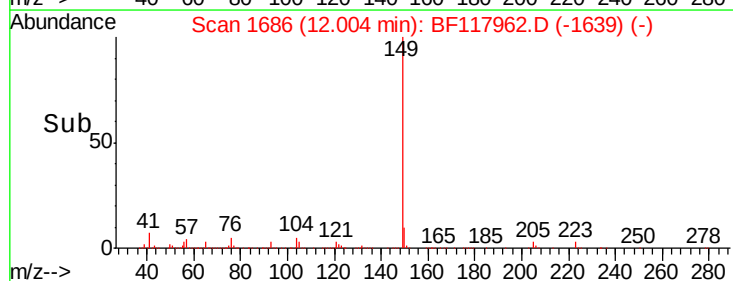
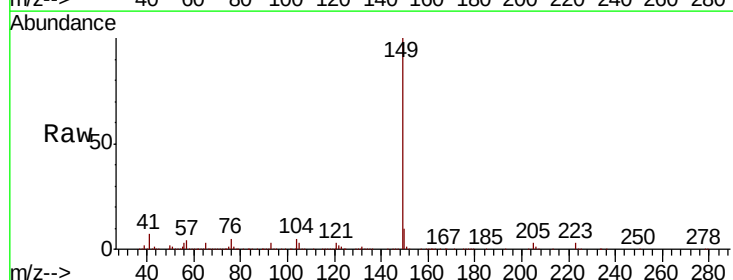
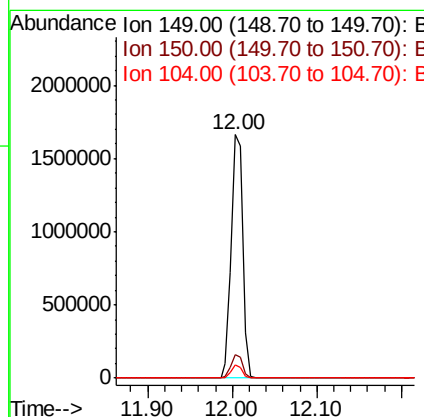
Manual Integrations
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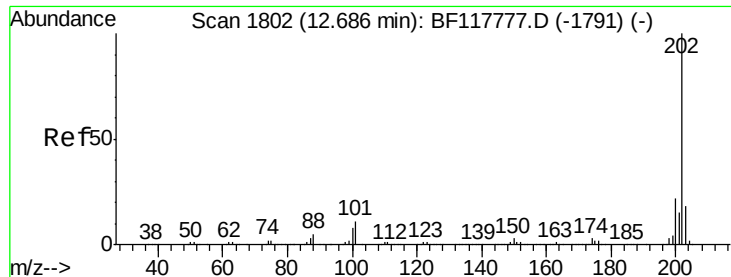
mohammad
 11/25/2019 2:32:20 PM



#74
 Di-n-butylphthalate
 Concen: 46.452 ng
 RT: 12.00 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.8	7.9	11.9	
104	5.2	4.2	6.4	





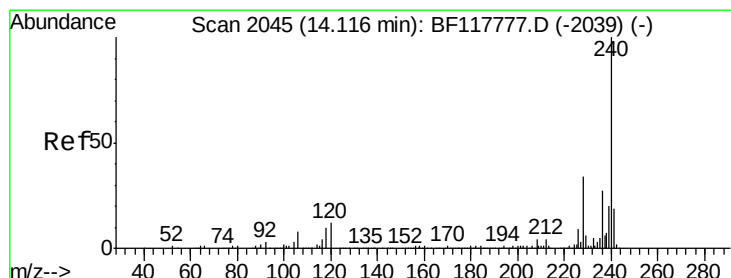
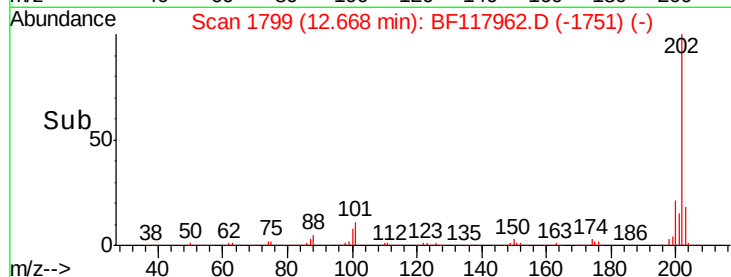
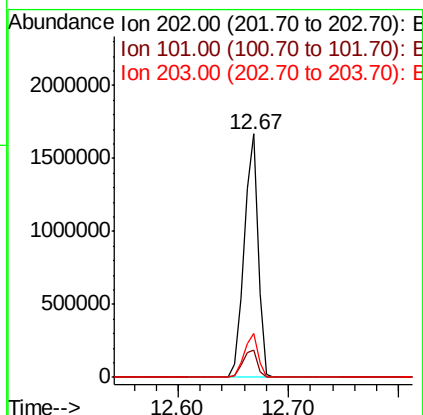
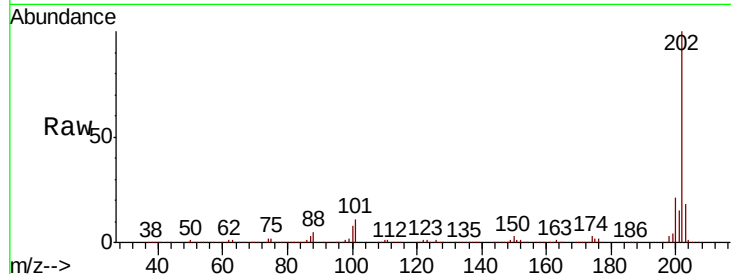
#75
Fluoranthene
Concen: 54.111 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.1
203	18.0	0.0	38.2

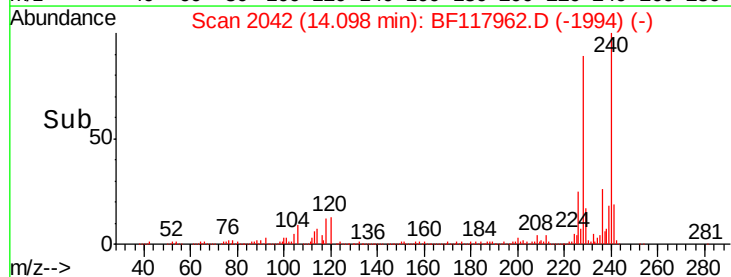
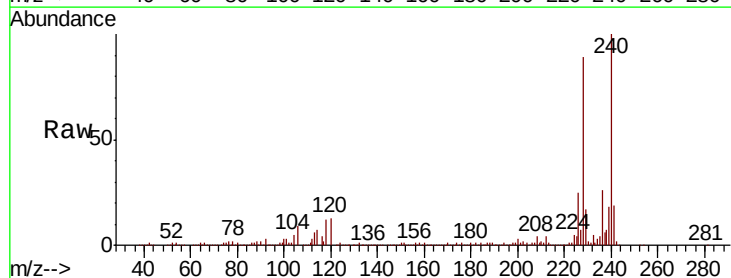
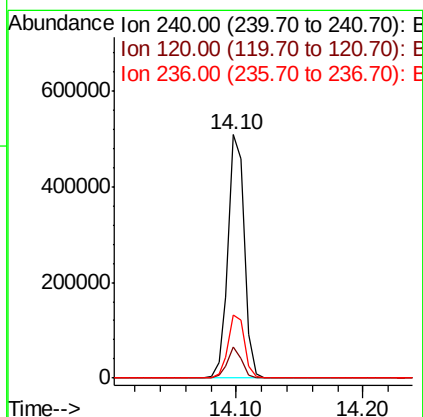
Manual Integrations
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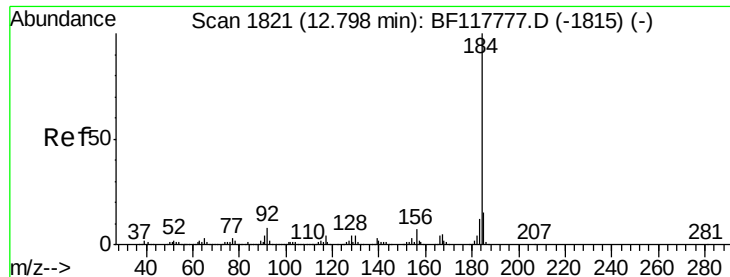
mohammad
11/25/2019 2:32:20 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	26.1	21.3	31.9





#77

Benzidine

Concen: 44.652 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

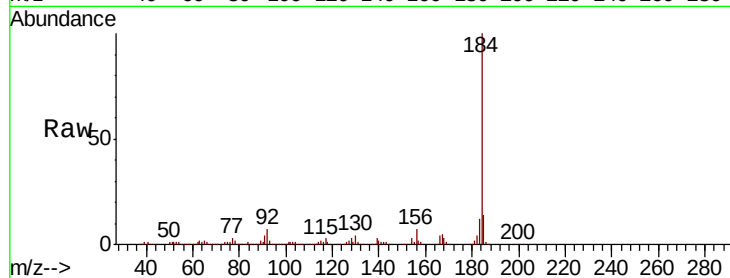
ClientSampleId :

IRONBOUND-4FTMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.2	18.4
183	11.8	9.5	14.3

Manual Integrations
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11/25/2019 2:32:20 PM

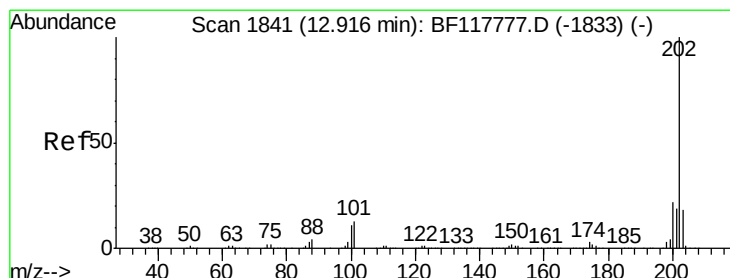
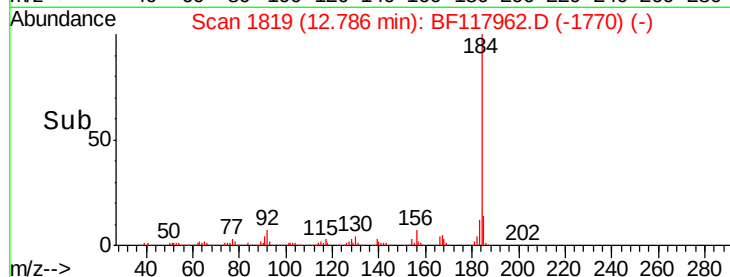
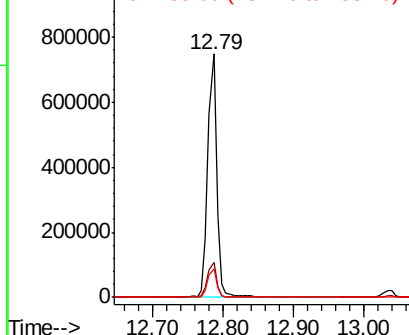


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.943 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

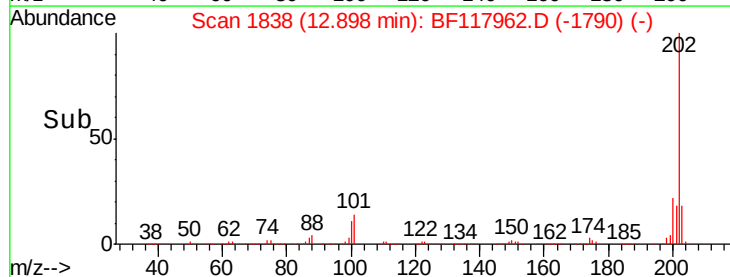
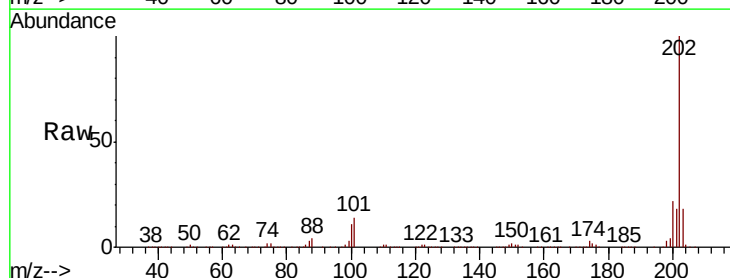
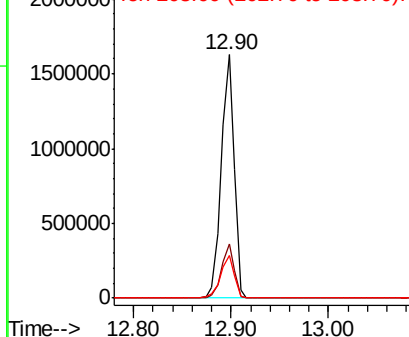
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.8	26.8
203	17.8	14.6	22.0

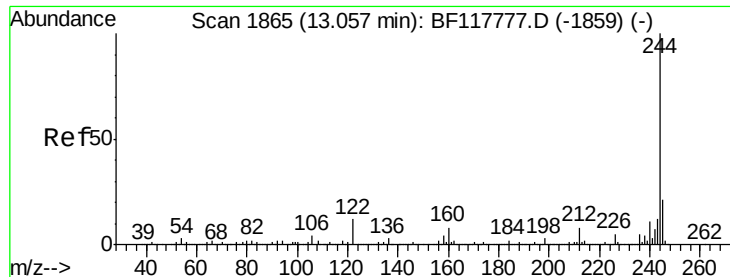
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





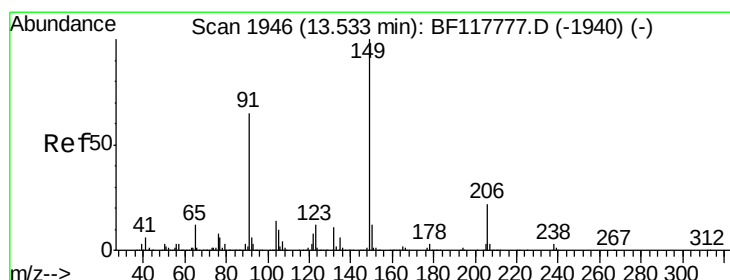
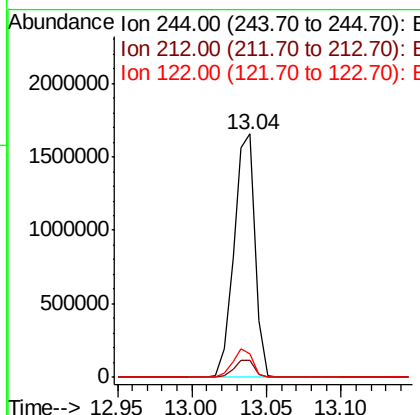
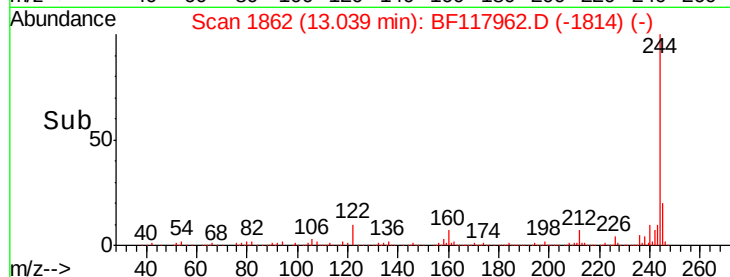
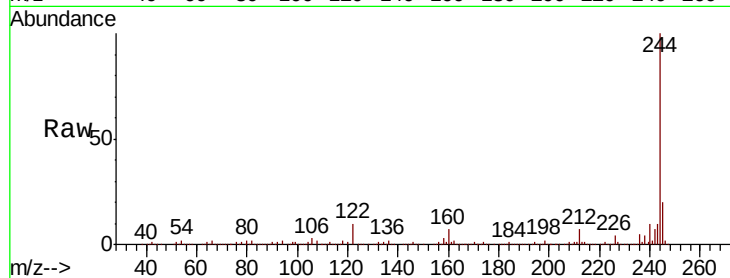
#79
 Terphenyl-d14
 Concen: 66.412 ng
 RT: 13.04 min Scan# 1862
 Delta R.T. -0.02 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-4FTMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.3	9.5
122	9.9	9.4	14.2

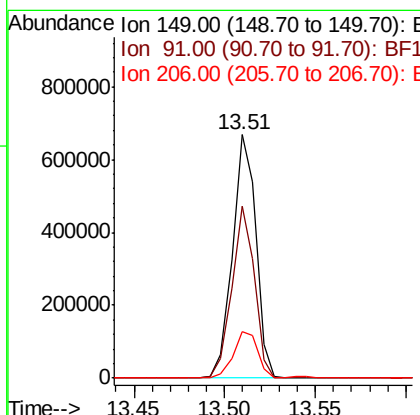
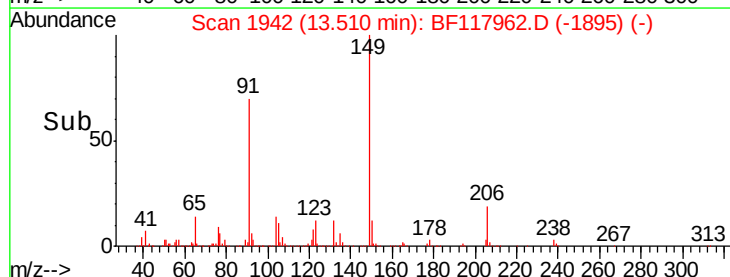
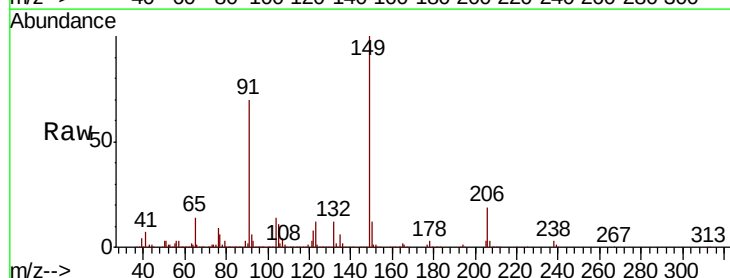
Manual Integrations
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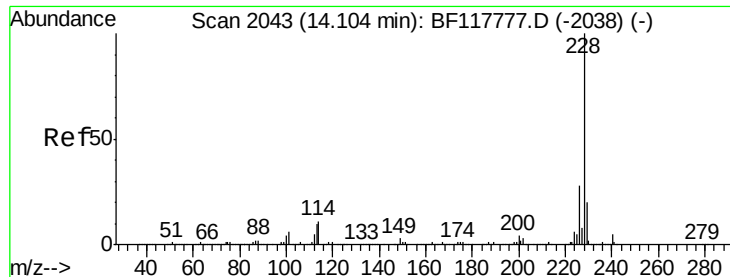
mohammad
 11/25/2019 2:32:20 PM



#80
 Butylbenzylphthalate
 Concen: 38.225 ng
 RT: 13.51 min Scan# 1942
 Delta R.T. -0.02 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.5	51.9	77.9
206	18.9	17.2	25.8





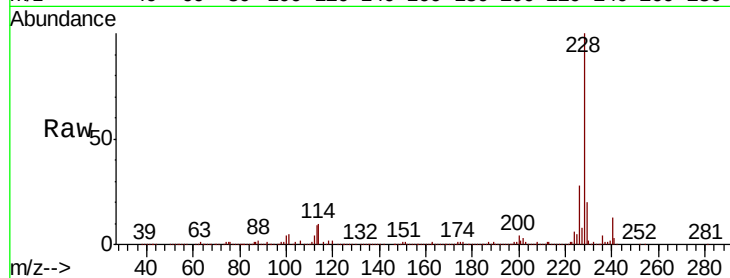
#81
Benzo(a)anthracene
Concen: 47.045 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	20.2	15.9	23.9

Manual Integrations
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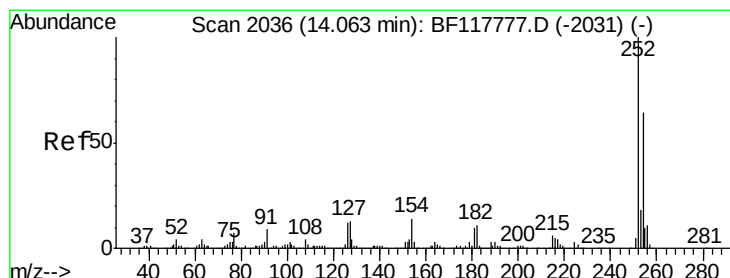
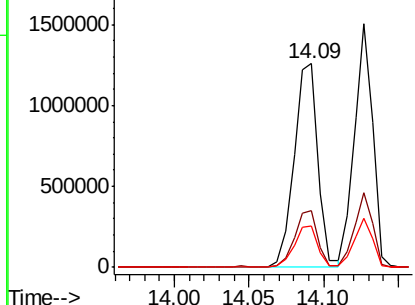
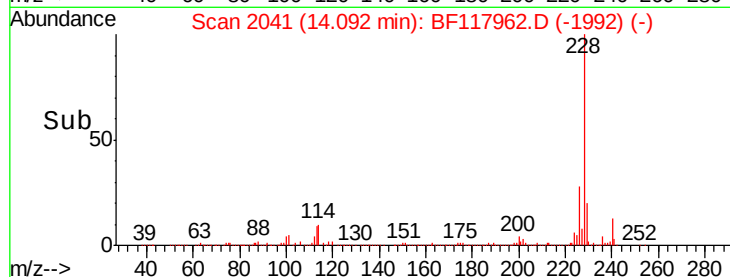


Abundance

Ion 228.00 (227.70 to 228.70): E

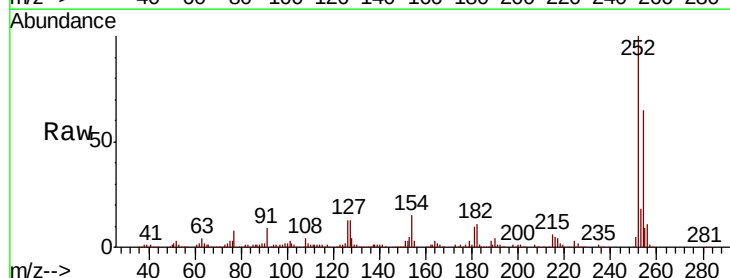
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 32.028 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.0	76.6
126	12.8	9.7	14.5

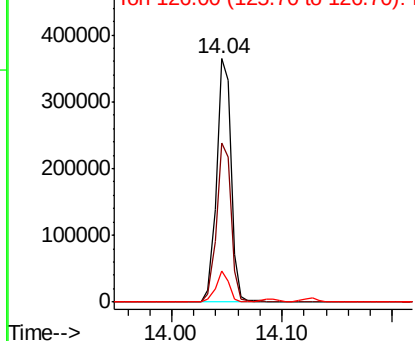
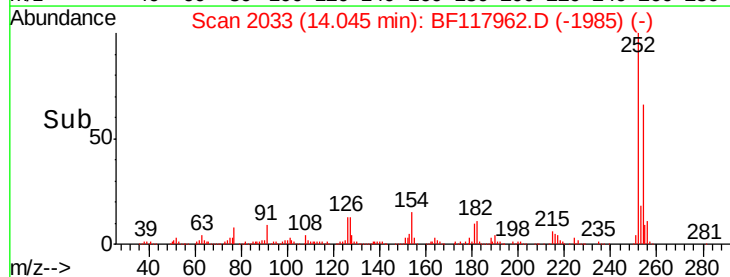


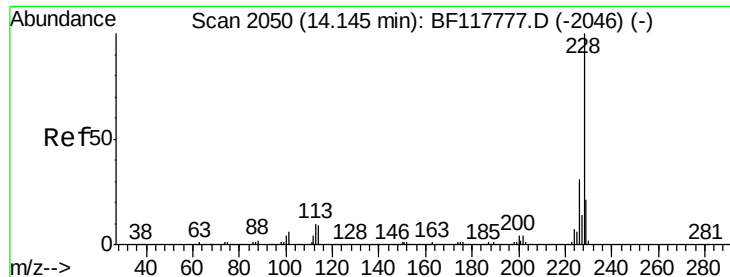
Abundance

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





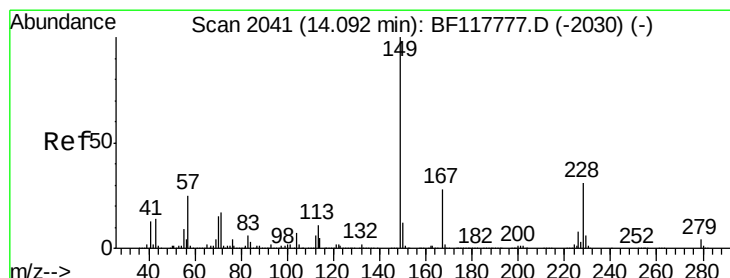
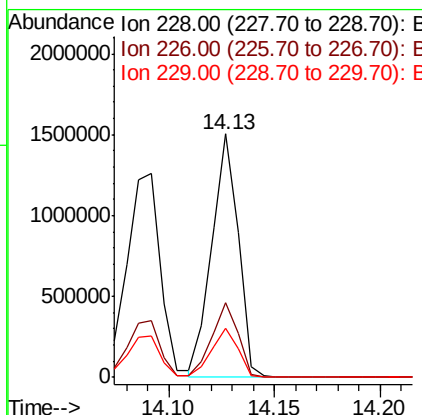
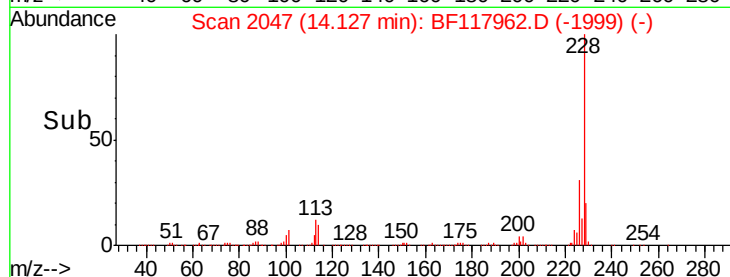
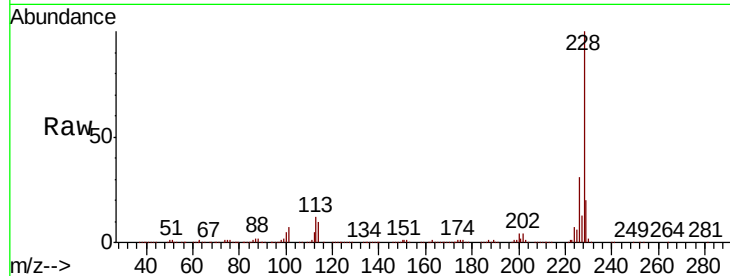
#83
Chrysene
Concen: 45.364 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion:228 Resp: 1313745
Ion Ratio Lower Upper
228 100
226 30.9 25.0 37.4
229 20.4 16.6 25.0

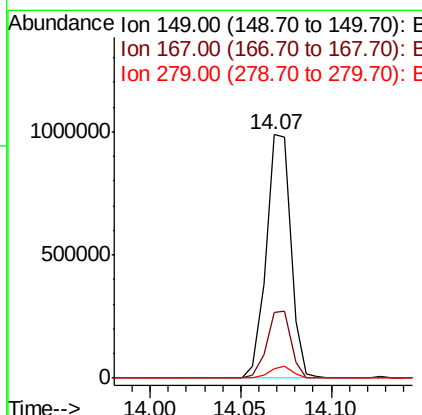
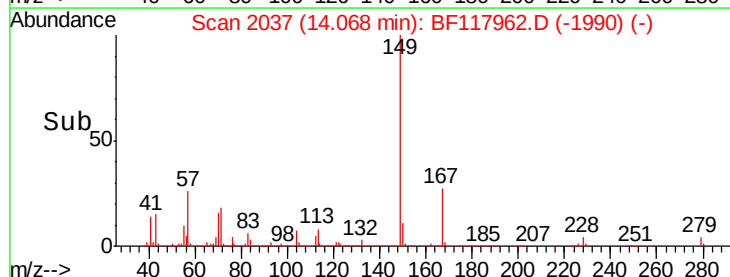
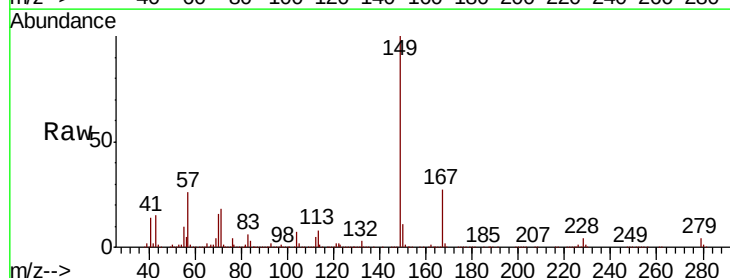
Manual Integrations
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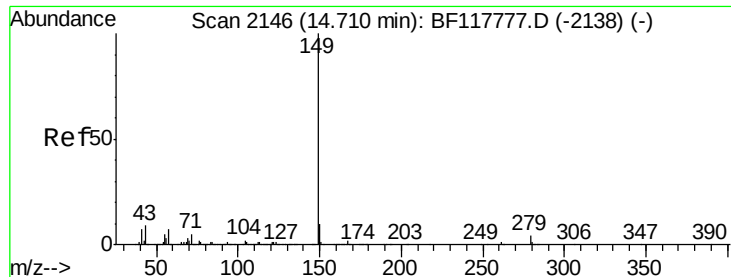
mohammad
11/25/2019 2:32:20 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.331 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion:149 Resp: 938851
Ion Ratio Lower Upper
149 100
167 26.8 22.2 33.2
279 3.8 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 56.522 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

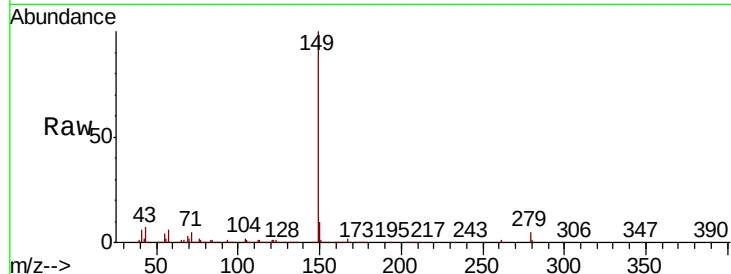
ClientSampleId :

IRONBOUND-4FTMS

Tot Ion:	149	Resp:	1580312
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.4	7.4	11.2

Manual Integrations
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11/25/2019 2:32:20 PM

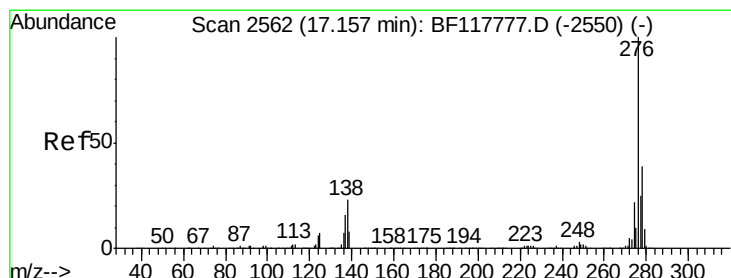
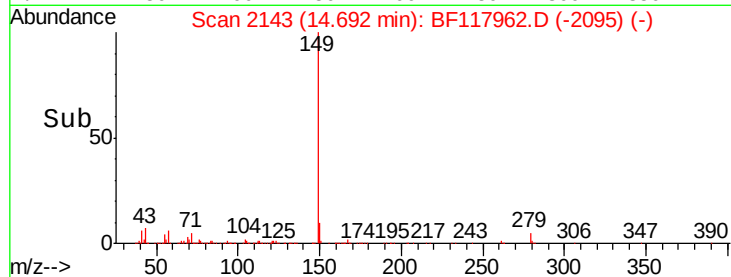
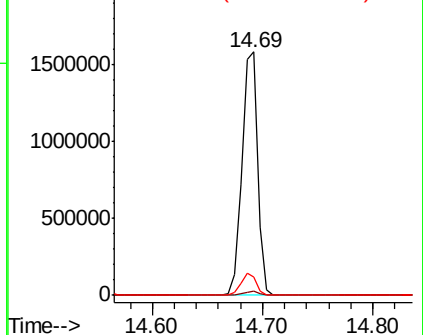


Abundance

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: 49.784 ng

RT: 17.14 min Scan# 2559

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

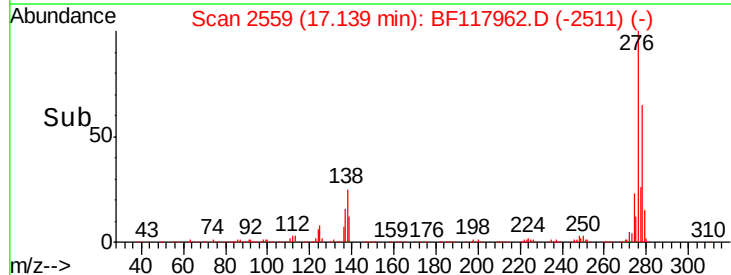
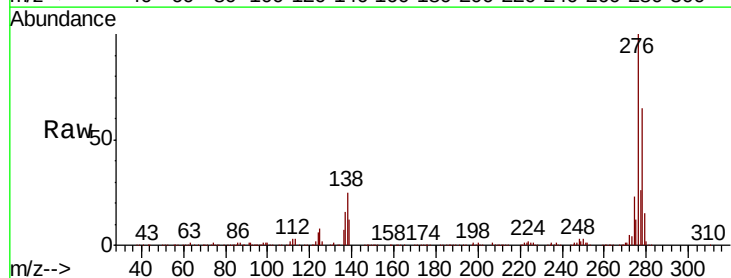
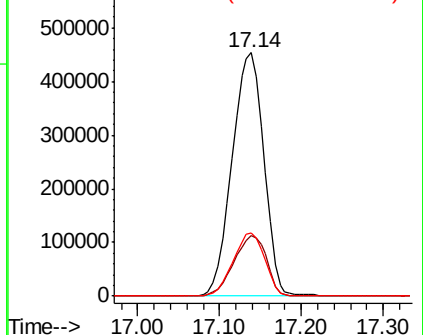
Tgt Ion:	276	Resp:	1227048
Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.9	31.3
277	26.0	20.3	30.5

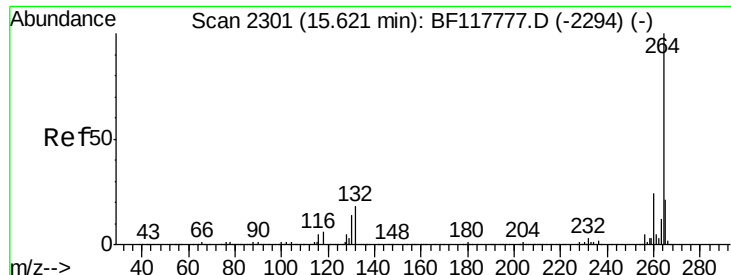
Abundance

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





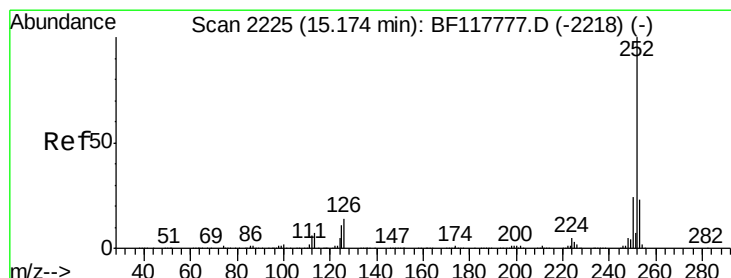
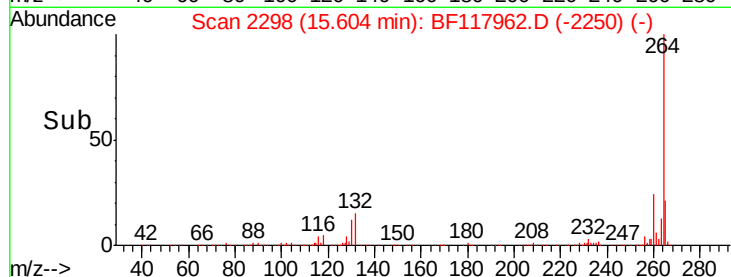
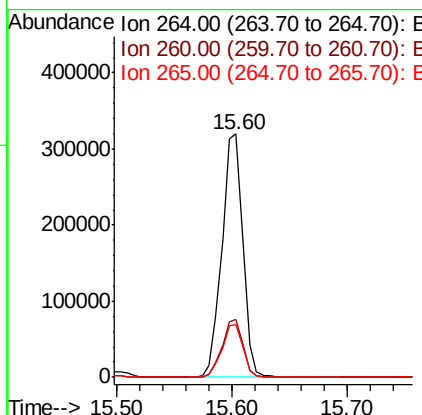
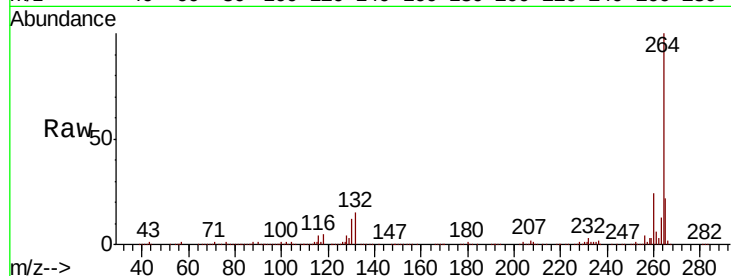
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.5	17.1	25.7

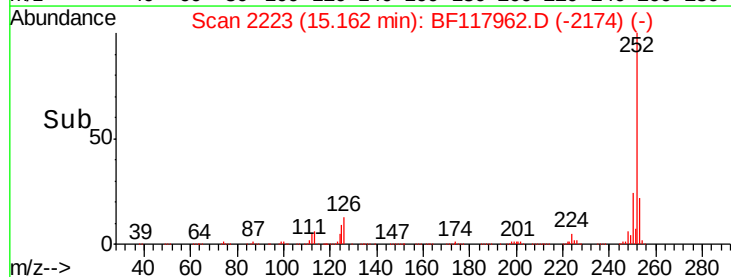
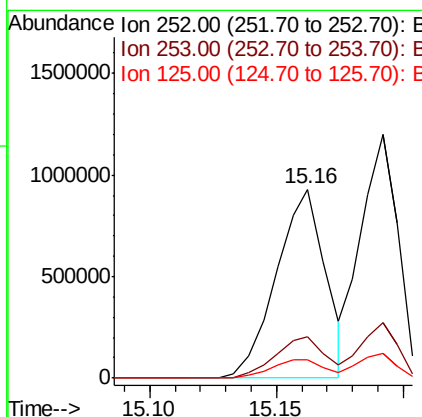
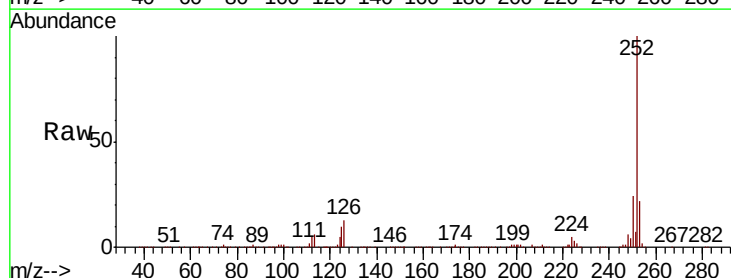
Manual Integrations
APPROVED

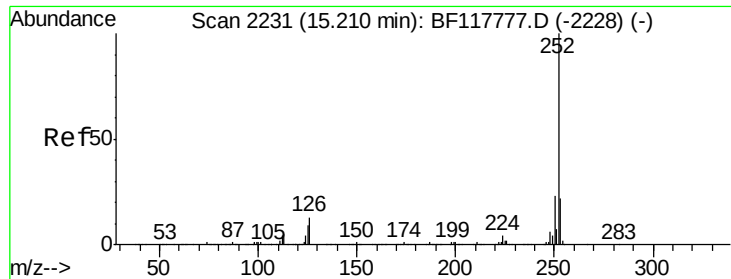
mohammad
11/25/2019 2:32:20 PM



#88
Benzo(b)fluoranthene
Concen: 47.987 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	9.6	8.6	13.0





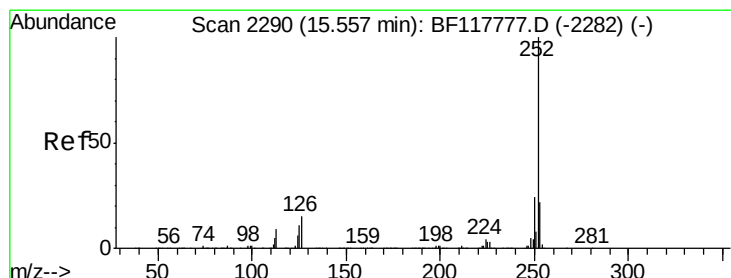
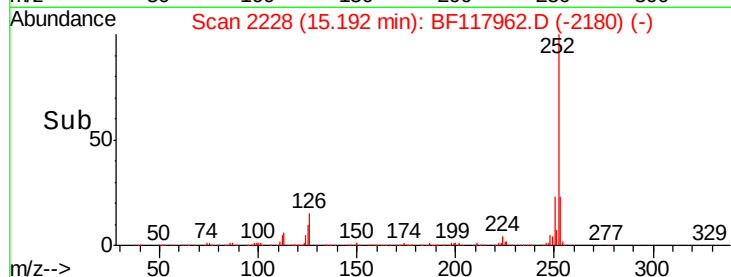
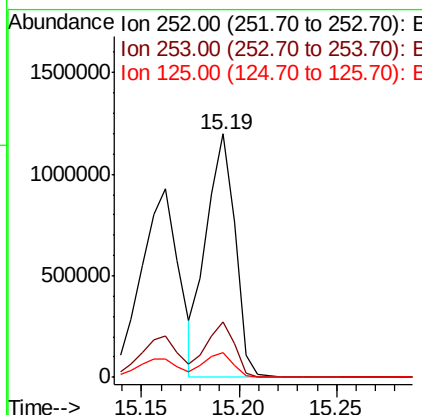
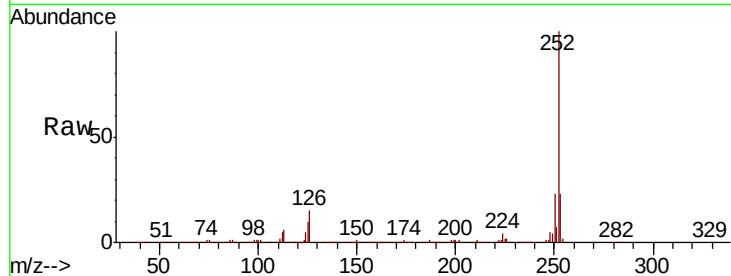
#89
Benzo(k)fluoranthene
Concen: 49.925 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	10.2	7.9	11.9

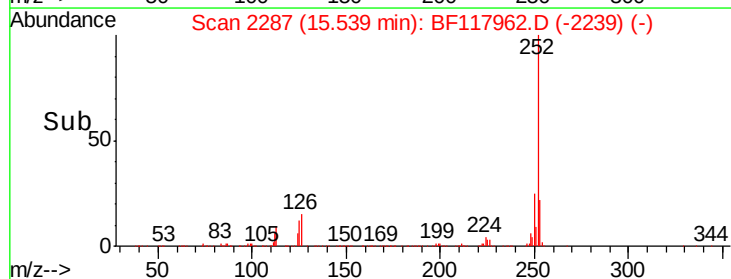
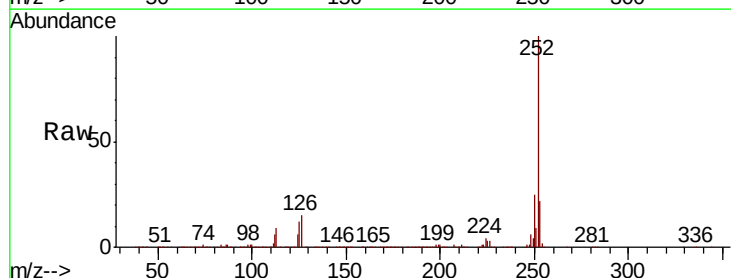
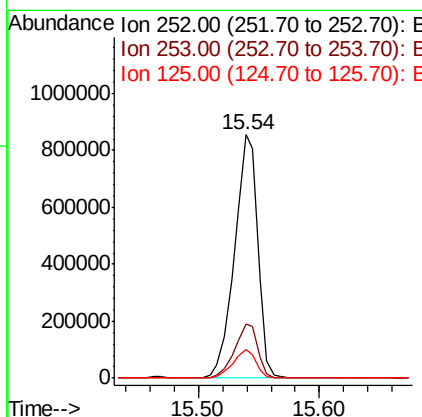
Manual Integrations
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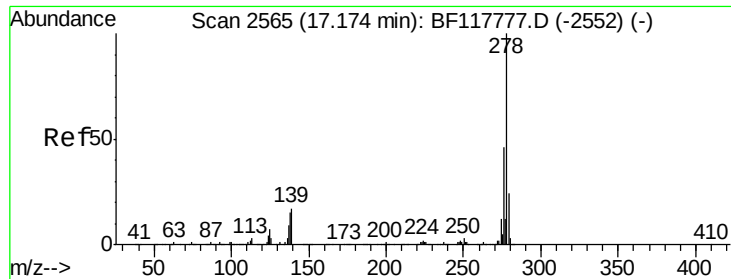
mohammad
11/25/2019 2:32:20 PM



#90
Benzo(a)pyrene
Concen: 49.658 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	11.9	9.2	13.8





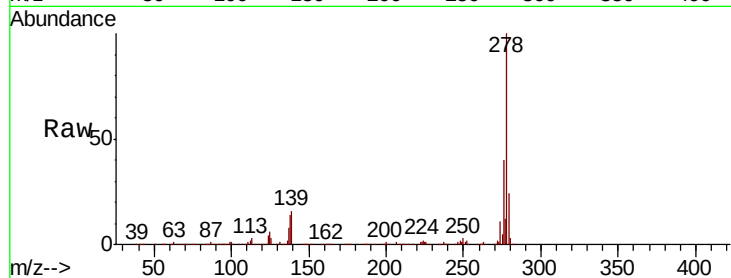
#91
Dibenzo(a,h)anthracene
Concen: 51.440 ng
RT: 17.16 min Scan# 2562
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.8	20.8
279	24.0	19.6	29.4

Manual Integrations
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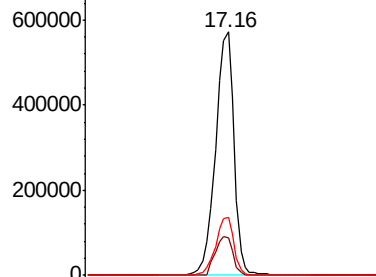


Abundance

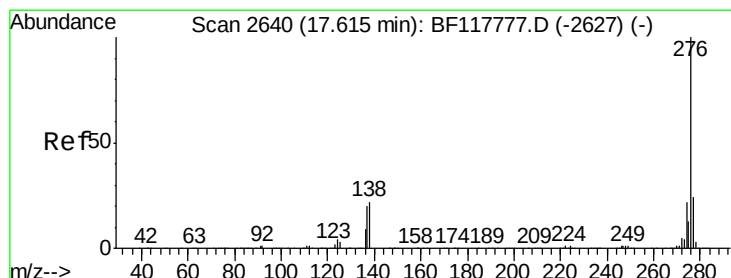
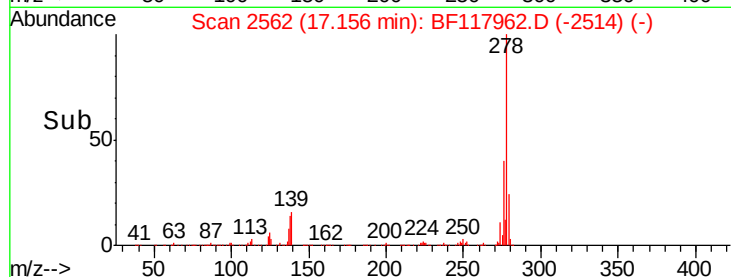
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

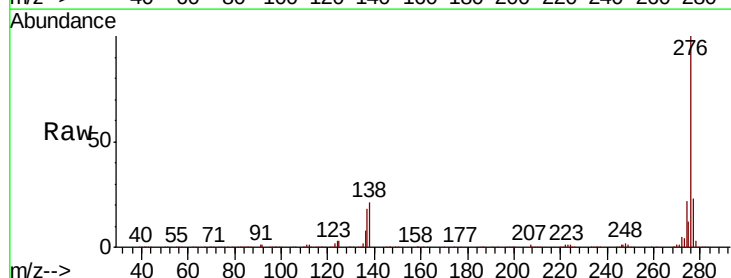


Time-->



#92
Benzo(g,h,i)perylene
Concen: 51.625 ng
RT: 17.60 min Scan# 2638
Delta R.T. -0.01 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	20.6	17.4	26.2

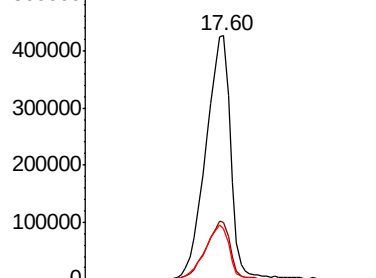


Abundance

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



Time-->

