

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
 Data File : BF115196.D
 Acq On : 25 Jun 2019 19:17
 Operator : HP/JU
 Sample : K3447-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-1MS

Manual Integrations
 APPROVED

mohammad
 6/26/2019 2:03:38 PM

Quant Time: Jun 26 07:13:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	274728	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	968644	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	387456	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	662568	20.00	ng	-0.01
76) Chrysene-d12	13.73	240	576735	20.00	ng	-0.02
87) Perylene-d12	15.09	264	704242	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1843608	103.56	ng	0.01
7) Phenol-d6	6.25	99	2257016	104.45	ng	0.00
23) Nitrobenzene-d5	7.18	82	1377717	87.49	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	467279	114.36	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2121501	93.01	ng	-0.01
79) Terphenyl-d14	12.69	244	1959468	72.24	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	241349	28.725	ng	99
3) Pyridine	2.92	79	623527	26.330	ng	99
4) n-Nitrosodimethylamine	2.86	42	280738	30.240	ng	97
6) Aniline	6.27	93	342897	11.546	ng	# 1
8) 2-Chlorophenol	6.40	128	655949	32.767	ng	95
9) Benzaldehyde	6.15	77	447260	31.726	ng	96
10) Phenol	6.27	94	767333	30.316	ng	99
11) bis(2-Chloroethyl)ether	6.35	93	600921	32.207	ng	99
12) 1,3-Dichlorobenzene	6.55	146	723555	32.568	ng	99
13) 1,4-Dichlorobenzene	6.63	146	734275	32.959	ng	100
14) 1,2-Dichlorobenzene	6.78	146	676114	32.772	ng	99
15) Benzyl Alcohol	6.75	79	457906	29.102	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	838678	30.992	ng	95
17) 2-Methylphenol	6.88	107	557152	33.719	ng	99
18) Hexachloroethane	7.12	117	257642	32.078	ng	97
19) n-Nitroso-di-n-propylamine	7.04	70	403380	29.159	ng	99
20) 3+4-Methylphenols	7.03	107	609066	31.923	ng	# 85
22) Acetophenone	7.02	105	855902	38.597	ng	# 97
24) Nitrobenzene	7.20	77	642311	37.026	ng	97
25) Isophorone	7.44	82	1095368	33.957	ng	100
26) 2-Nitrophenol	7.51	139	340106	39.700	ng	97
27) 2,4-Dimethylphenol	7.55	122	537946	38.352	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	709876	34.818	ng	100
29) 2,4-Dichlorophenol	7.75	162	508285	35.114	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	583659	36.503	ng	99
31) Naphthalene	7.91	128	1771165	37.250	ng	99
32) Benzoic acid	7.61	122	117280m	11.714	ng	
33) 4-Chloroaniline	7.96	127	228534	10.517	ng	99
34) Hexachlorobutadiene	8.04	225	323793	36.954	ng	99
35) Caprolactam	8.32	113	131555m	27.032	ng	
36) 4-Chloro-3-methylphenol	8.45	107	468086	31.931	ng	100
37) 2-Methylnaphthalene	8.61	142	1130898	35.275	ng	98
38) 1-Methylnaphthalene	8.70	142	1053005	34.390	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	480587	43.894	ng	99

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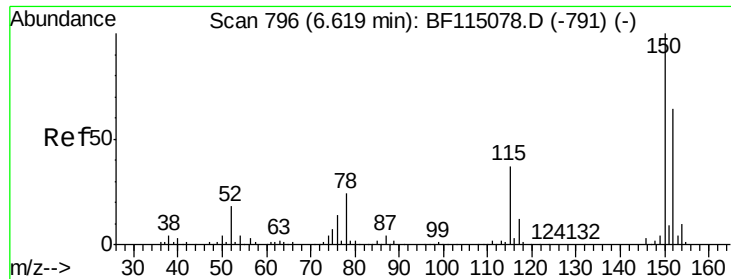
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	460715	70.964	ng	100
43) 2,4,6-Trichlorophenol	8.88	196	311414	36.841	ng	98
44) 2,4,5-Trichlorophenol	8.92	196	328884	37.782	ng	98
46) 1,1'-Biphenyl	9.07	154	1272725	41.053	ng	100
47) 2-Chloronaphthalene	9.09	162	998252	39.696	ng	99
48) 2-Nitroaniline	9.18	65	267898	36.541	ng	99
49) Acenaphthylene	9.50	152	1507104	38.466	ng	99
50) Dimethylphthalate	9.37	163	1273382	44.671	ng	99
51) 2,6-Dinitrotoluene	9.42	165	241746	36.733	ng	98
52) Acenaphthene	9.67	154	934126	38.101	ng	98
53) 3-Nitroaniline	9.58	138	149483	18.613	ng	98
54) 2,4-Dinitrophenol	9.69	184	130727	42.403	ng	91
55) Dibenzofuran	9.84	168	1291130	36.692	ng	99
56) 4-Nitrophenol	9.75	139	420089	65.246	ng	92
57) 2,4-Dinitrotoluene	9.82	165	306115	36.024	ng	96
58) Fluorene	10.18	166	898061	37.189	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.96	232	247249	33.873	ng	97
60) Diethylphthalate	10.07	149	983603	34.326	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	437518	38.281	ng	96
62) 4-Nitroaniline	10.20	138	247112	30.671	ng	97
63) Azobenzene	10.34	77	906696	33.877	ng	95
65) 4,6-Dinitro-2-methylphenol	10.22	198	113502	33.828	ng	83
66) n-Nitrosodiphenylamine	10.30	169	827426	40.084	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	280323	39.023	ng	96
68) Hexachlorobenzene	10.73	284	303704	38.950	ng	97
69) Atrazine	10.82	200	243468	36.666	ng	99
70) Pentachlorophenol	10.92	266	361023	72.677	ng	98
71) Phenanthrene	11.14	178	1351742	37.892	ng	99
72) Anthracene	11.18	178	1407781	39.094	ng	99
73) Carbazole	11.34	167	1258971	39.152	ng	99
74) Di-n-butylphthalate	11.69	149	1430398	38.495	ng	100
75) Fluoranthene	12.31	202	1447480	40.667	ng	99
77) Benzidine	12.44	184	569543	22.240	ng	98
78) Pyrene	12.54	202	1513040	34.137	ng	100
80) Butylbenzylphthalate	13.17	149	692839	35.421	ng	100
81) Benzo(a)anthracene	13.72	228	1500644	36.263	ng	100
82) 3,3'-Dichlorobenzidine	13.69	252	364754	24.408	ng	99
83) Chrysene	13.76	228	1422853	37.535	ng	100
84) Bis(2-ethylhexyl)phthalate	13.74	149	948791	37.019	ng	100
85) Di-n-octyl phthalate	14.35	149	1714444	39.813	ng	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	1660795	37.025	ng	99
88) Benzo(b)fluoranthene	14.72	252	1567328	35.668	ng	98
89) Benzo(k)fluoranthene	14.75	252	1561682	39.629	ng	98
90) Benzo(a)pyrene	15.04	252	1558433	39.348	ng	98
91) Dibenzo(a,h)anthracene	16.38	278	1389424	37.577	ng	98
92) Benzo(g,h,i)perylene	16.74	276	1316596	35.182	ng	99

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



#1

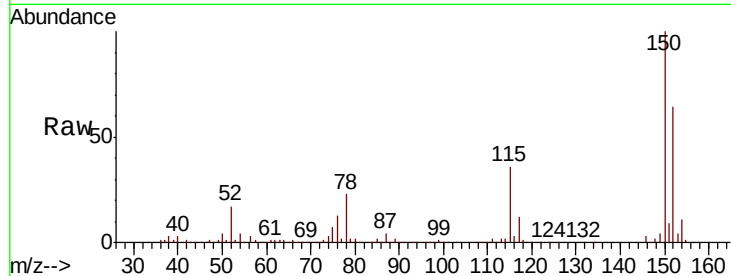
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.2	186.2
115	56.6	46.1	69.1

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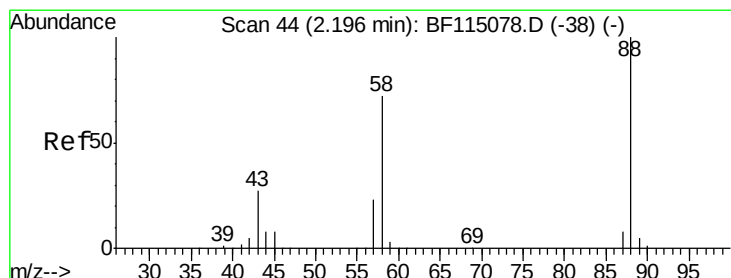
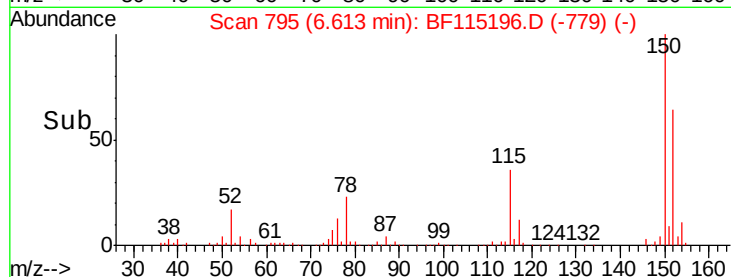
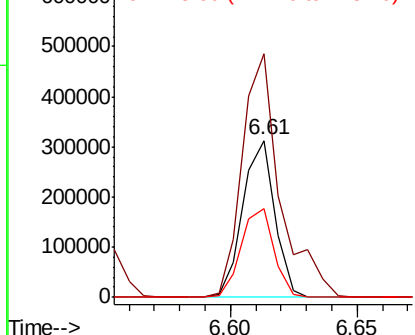


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

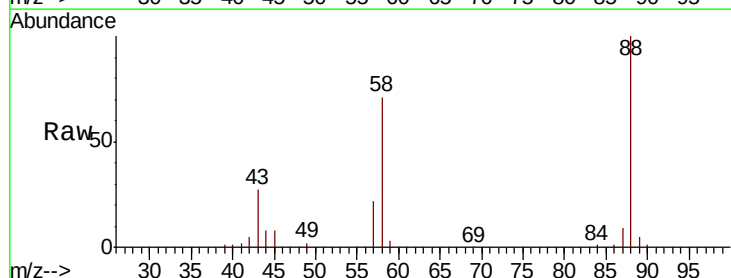
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.725 ng
RT: 2.27 min Scan# 56
Delta R.T. 0.07 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	56.1	84.1
43	26.5	21.3	31.9

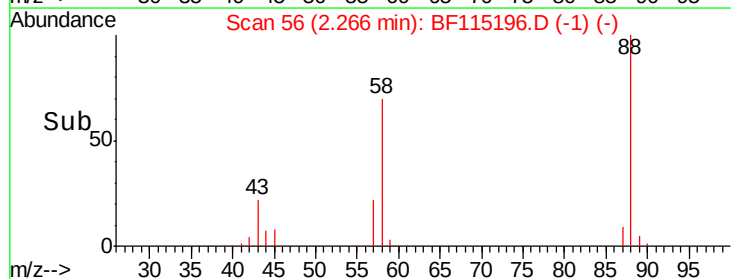
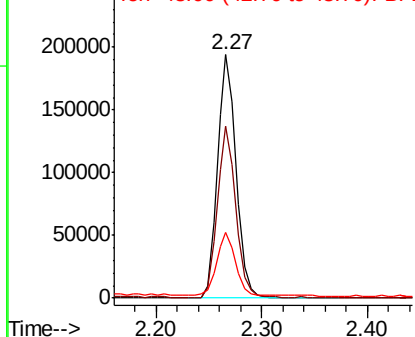


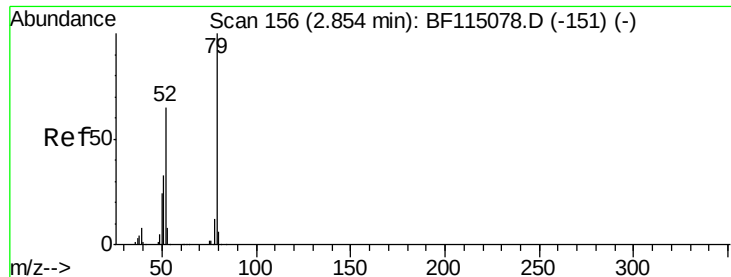
Abundance

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: 26.330 ng

RT: 2.92 min Scan# 167

Delta R.T. 0.06 min

Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

Instrument :

BNA_F

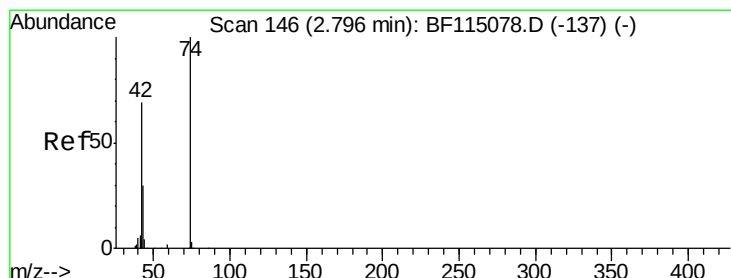
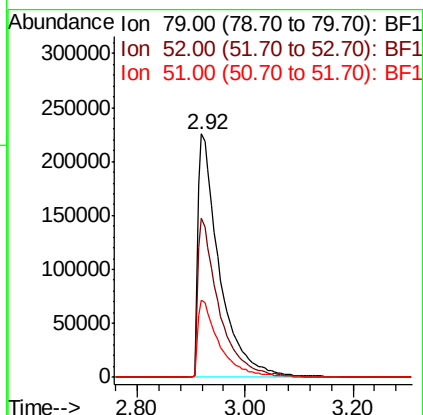
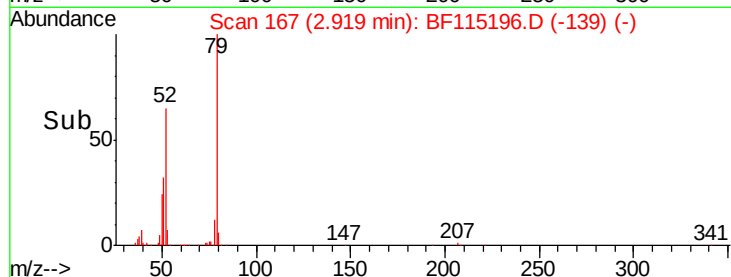
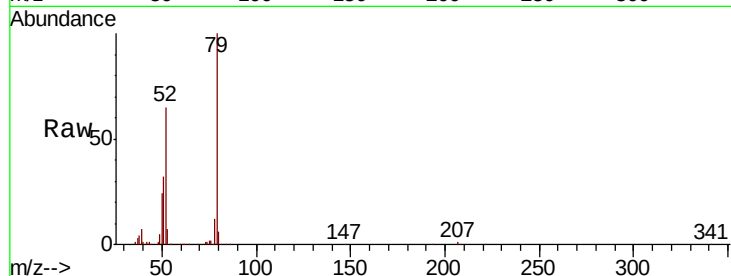
ClientSampleId :

SIDEWALL-1MS

Tot Ion:	79	Resp:	623527
Ion Ratio	Lower	Upper	
79	100		
52	65.3	52.3	78.5
51	31.9	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 30.240 ng

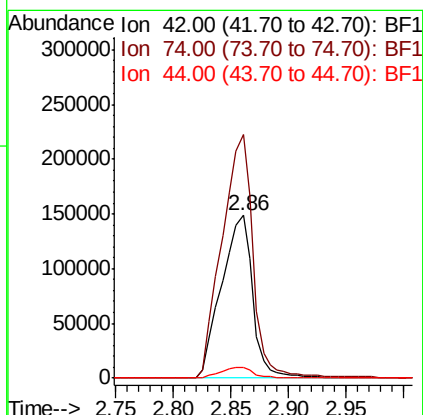
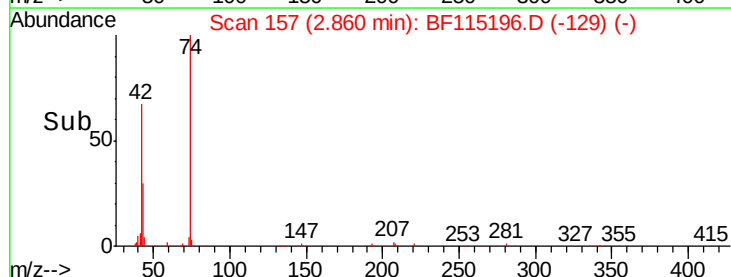
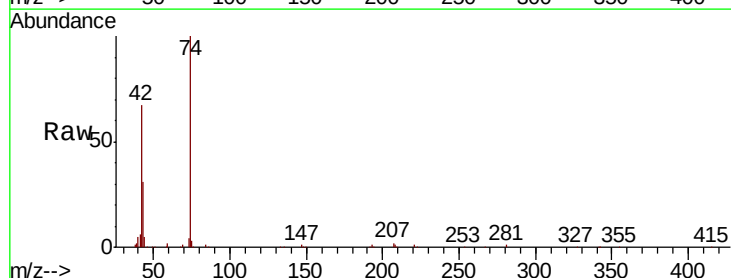
RT: 2.86 min Scan# 157

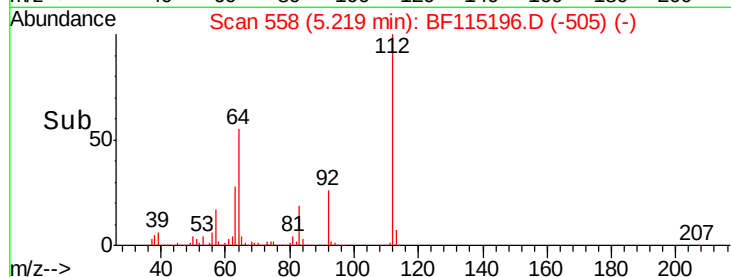
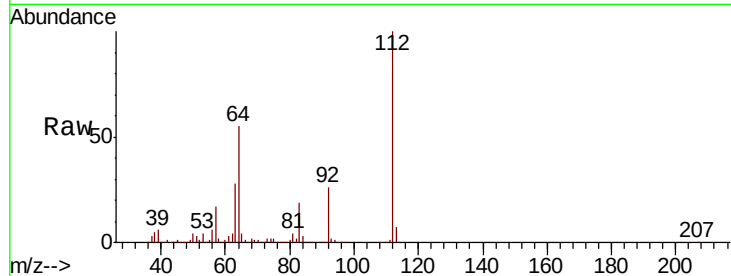
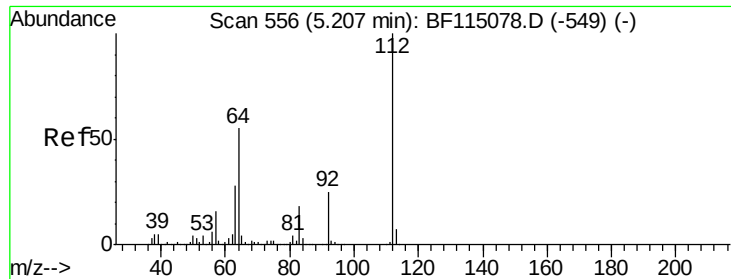
Delta R.T. 0.06 min

Lab File: BF115196.D

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Tgt Ion:	42	Resp:	280738
Ion Ratio	Lower	Upper	
42	100		
74	149.8	116.6	175.0
44	6.8	5.3	7.9





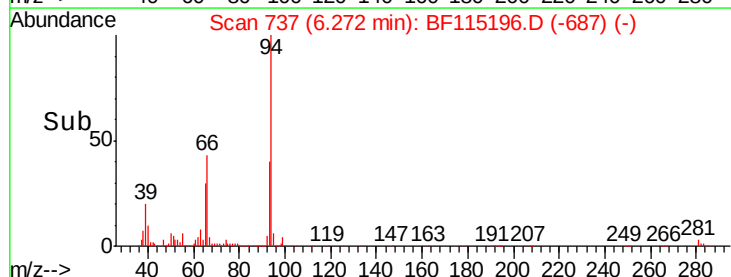
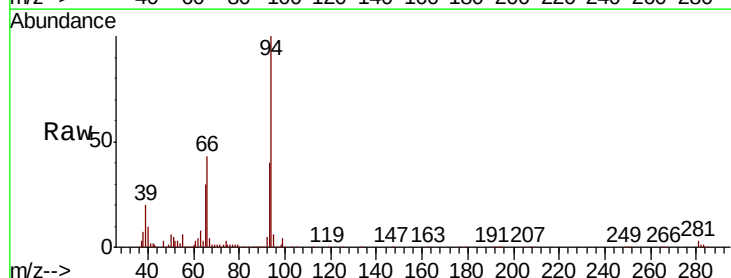
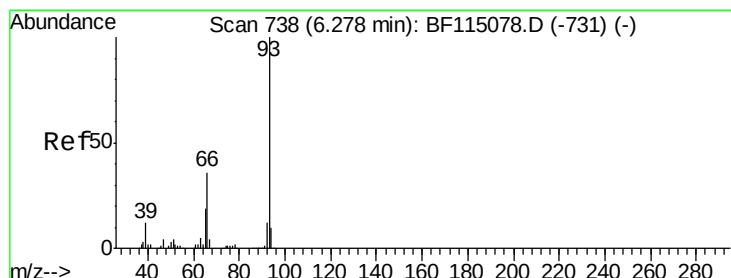
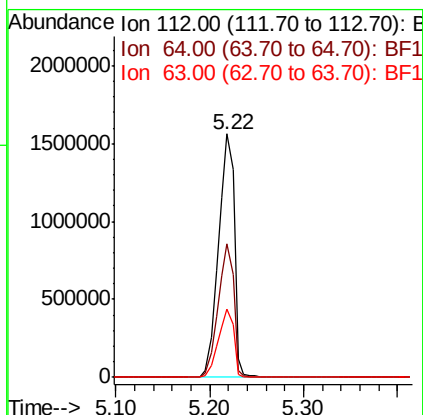
#5
2-Fluorophenol
Concen: 103.557 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Tot Ion	Ratio	Lower	Upper
112	100		
64	55.1	43.8	65.6
63	28.2	22.2	33.4

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

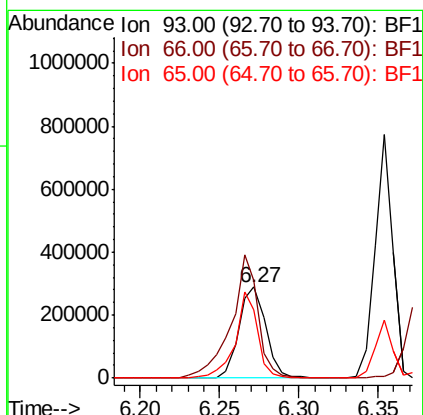
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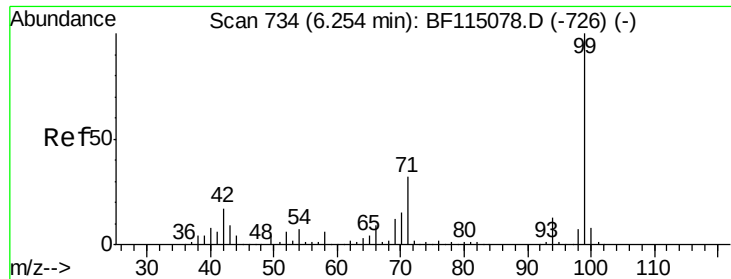
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#6
Aniline
Concen: 11.546 ng
RT: 6.27 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Tgt Ion	Ratio	Lower	Upper
93	100		
66	108.0	30.0	45.0#
65	75.2	15.6	23.4#





#7

Phenol-d6

Concen: 104.451 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-1MS

Tot Ion: 99 Resp: 2257016

Ion Ratio Lower Upper

99 100

42 17.2 13.6 20.4

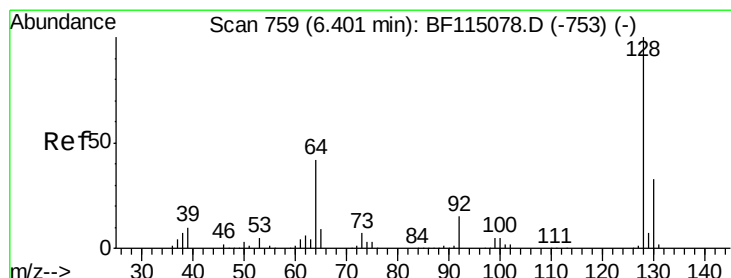
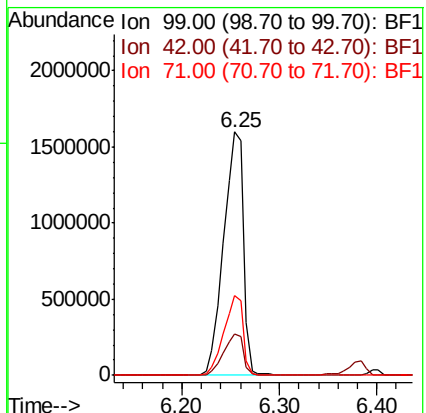
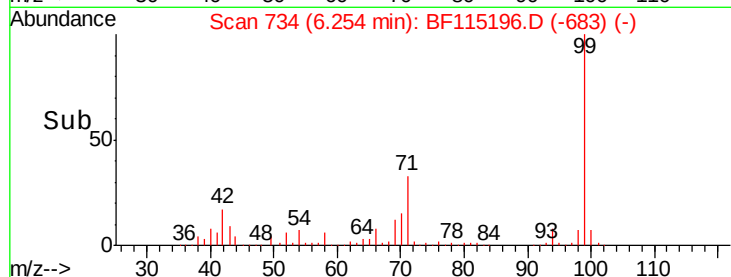
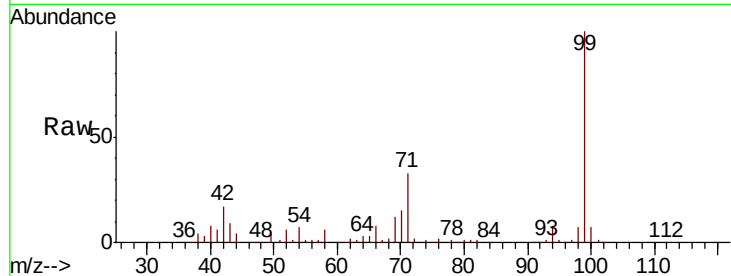
71 33.0 25.5 38.3

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#8

2-Chlorophenol

Concen: 32.767 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

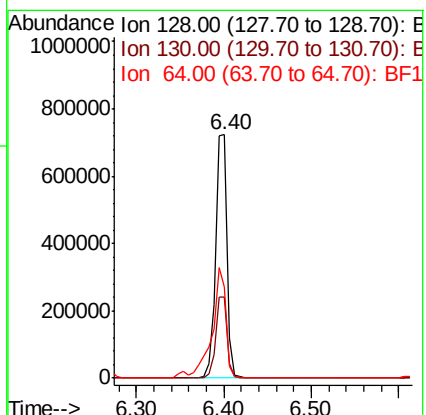
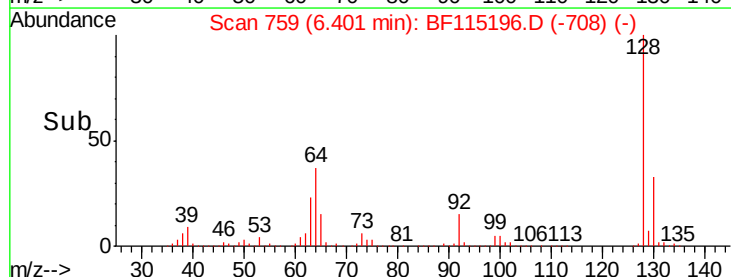
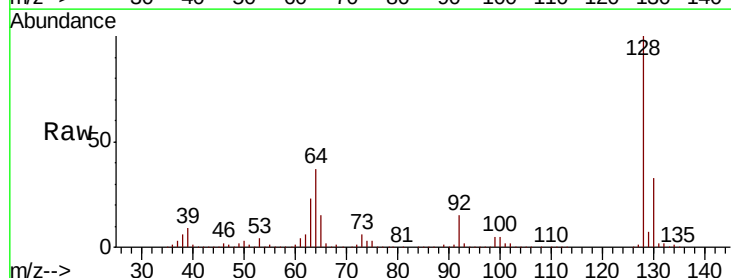
Tgt Ion: 128 Resp: 655949

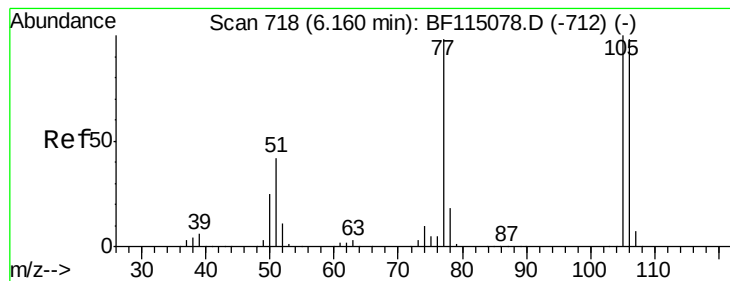
Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

64 37.3 22.9 62.9





#9

Benzaldehyde

Concen: 31.726 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

Instrument :

BNA_F

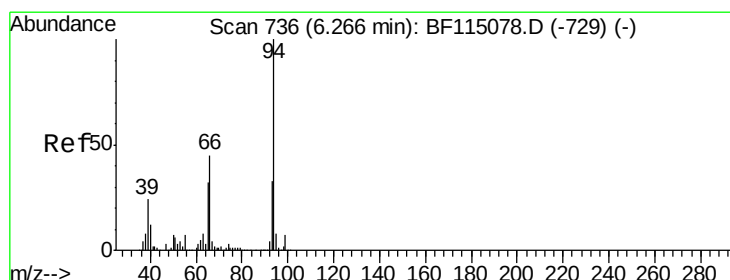
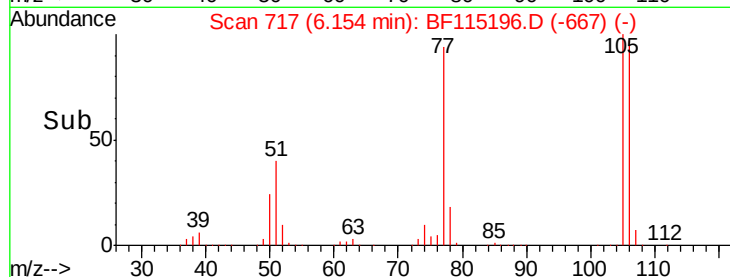
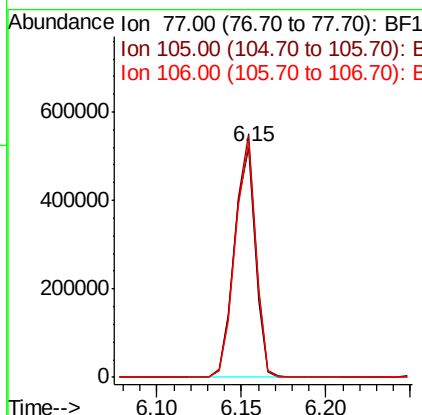
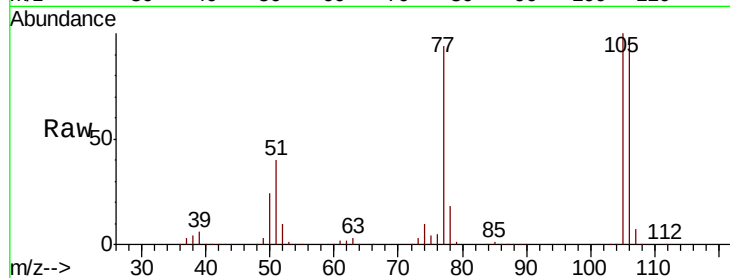
ClientSampleId :

SIDEWALL-1MS

Tot Ion:	77	Resp:	447260
Ion	Ratio	Lower	Upper
77	100		
105	106.0	81.5	121.5
106	102.5	79.7	119.7

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#10

Phenol

Concen: 30.316 ng

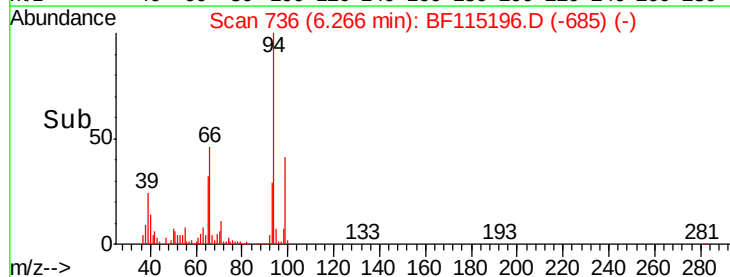
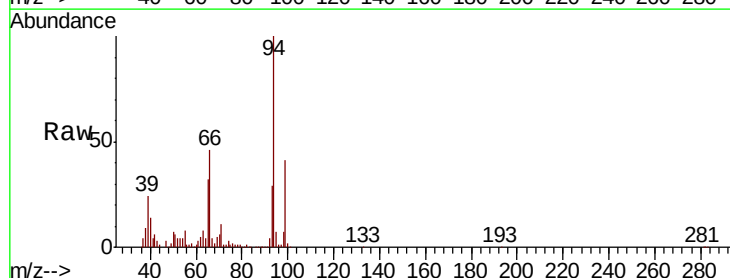
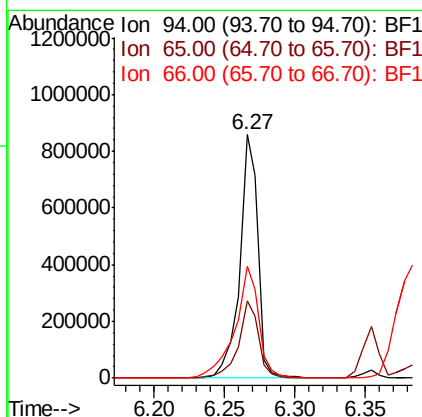
RT: 6.27 min Scan# 736

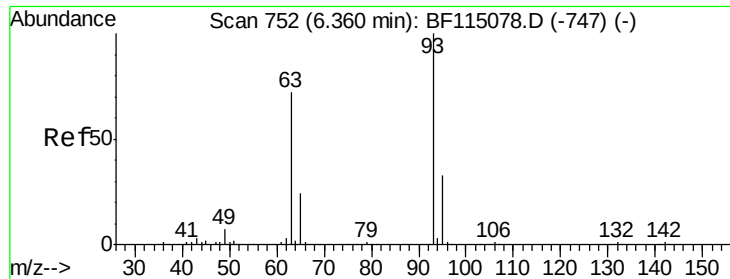
Delta R.T. -0.00 min

Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

Tgt Ion:	94	Resp:	767333
Ion	Ratio	Lower	Upper
94	100		
65	31.7	11.9	51.9
66	45.8	25.2	65.2





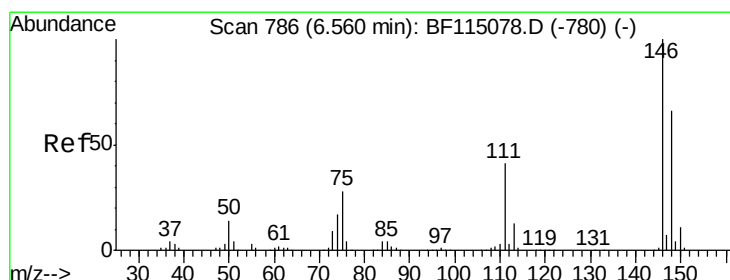
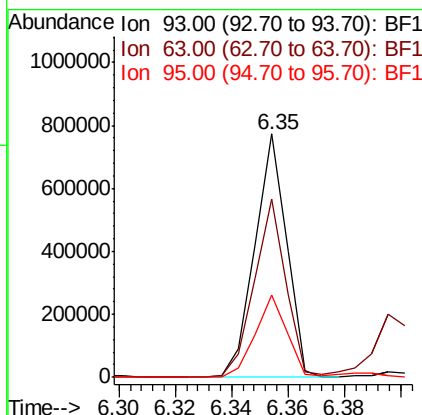
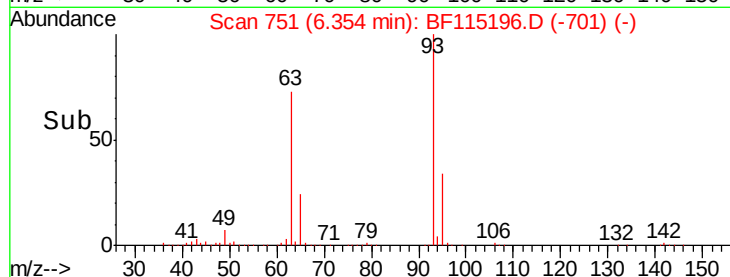
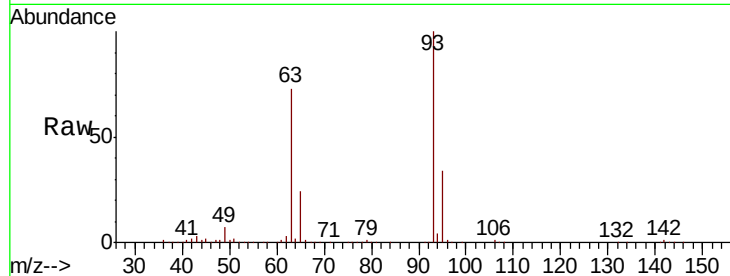
#11
bis(2-Chloroethyl)ether
Concen: 32.207 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.0	51.5	91.5
95	33.7	13.4	53.4

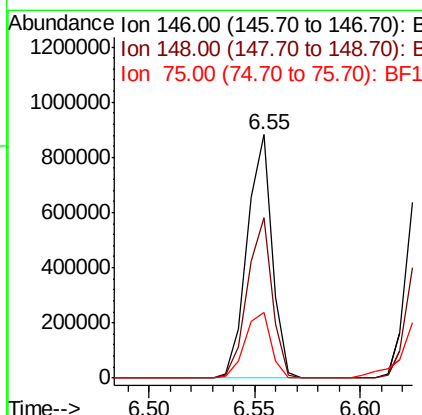
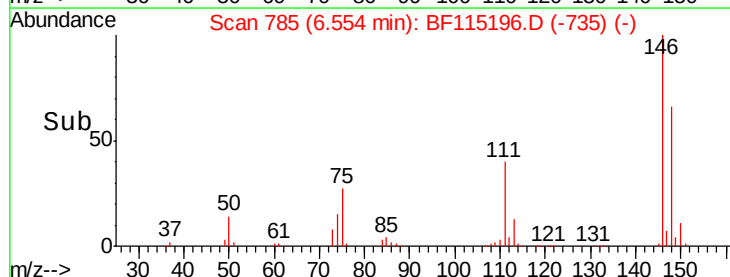
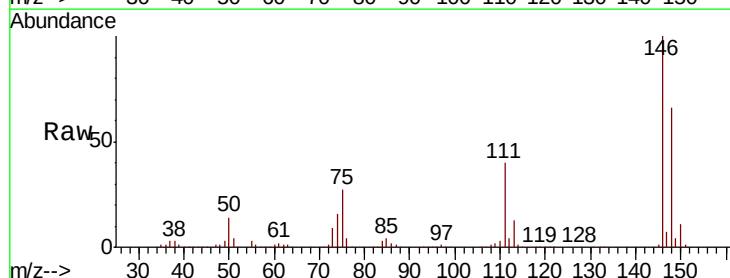
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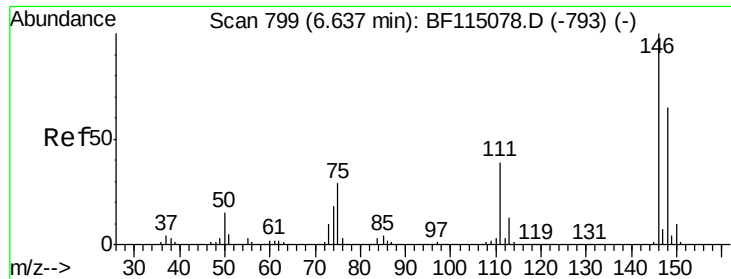
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#12
1,3-Dichlorobenzene
Concen: 32.568 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.6	78.8
75	27.2	22.6	34.0





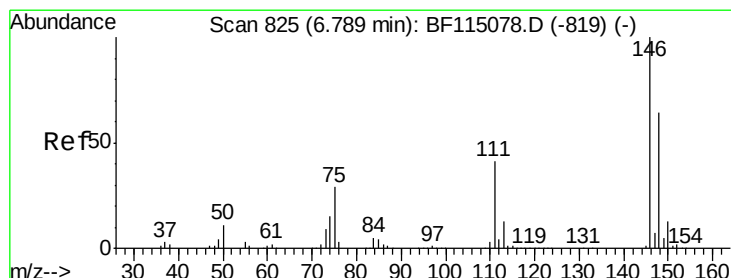
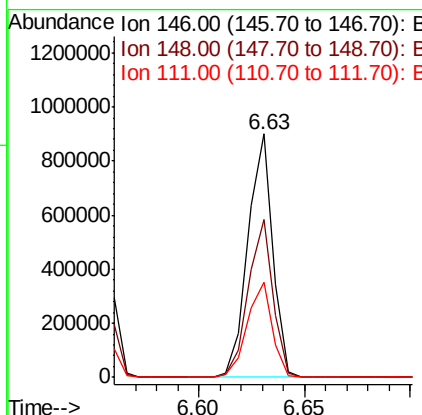
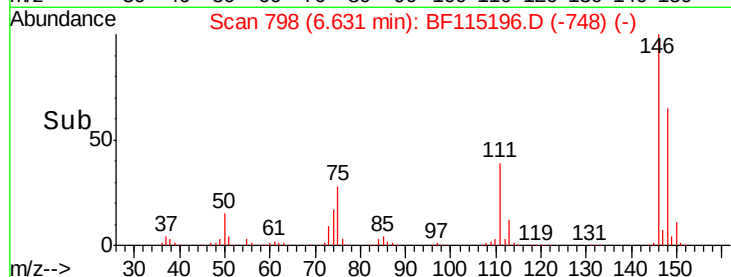
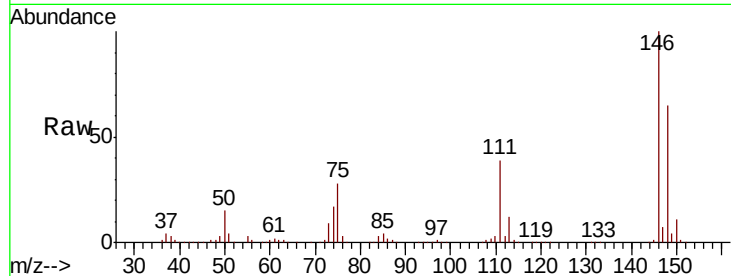
#13
 1,4-Dichlorobenzene
 Concen: 32.959 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115196.D
 Acq: 25 Jun 2019 19:17

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.9	77.9
111	39.0	31.4	47.0

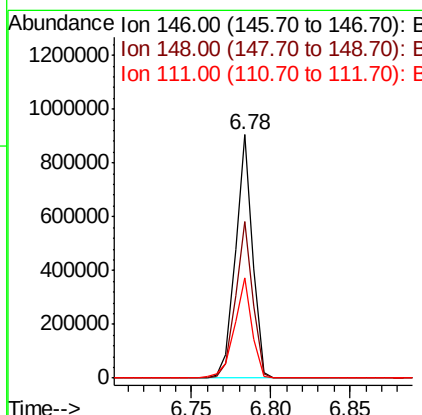
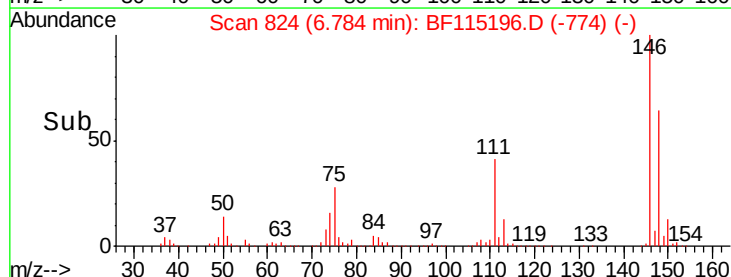
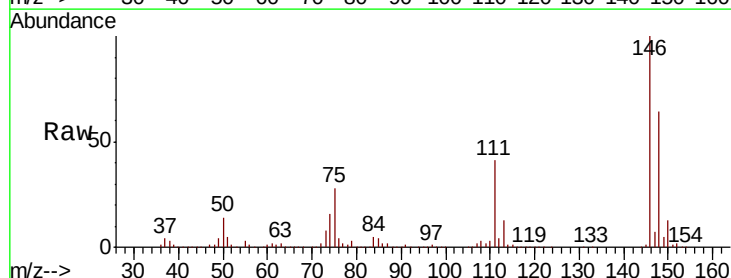
Manual Integrations
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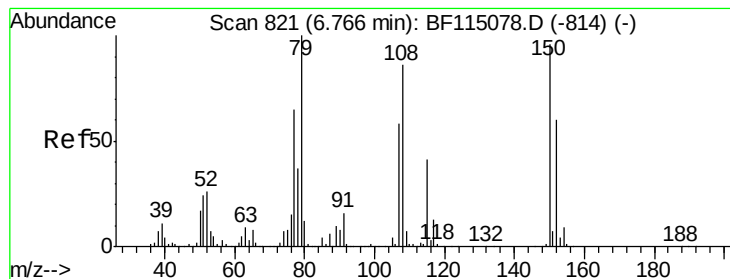
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#14
 1,2-Dichlorobenzene
 Concen: 32.772 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115196.D
 Acq: 25 Jun 2019 19:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	41.2	33.2	49.8





#15

Benzyl Alcohol

Concen: 29.102 ng

RT: 6.75 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-1MS

Tot Ion: 79 Resp: 457906

Ion Ratio Lower Upper

79 100

108 82.2 68.7 103.1

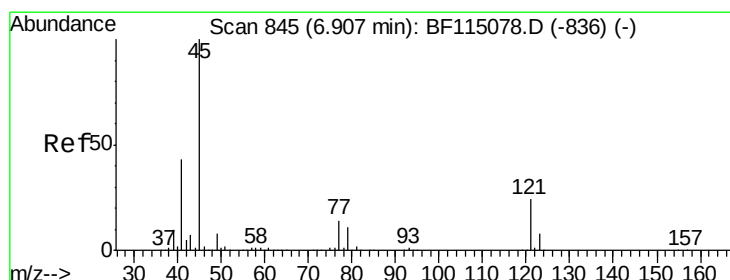
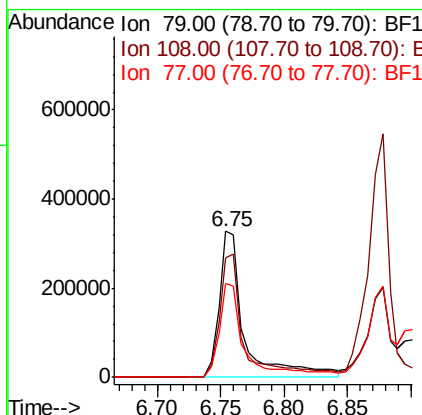
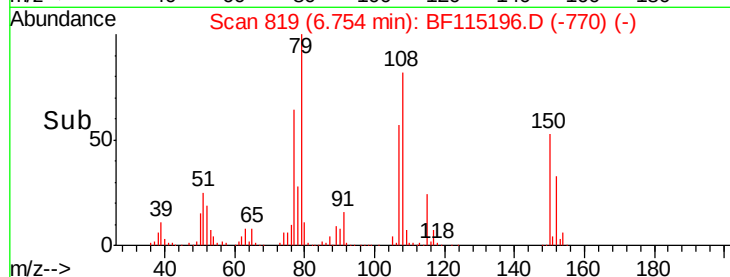
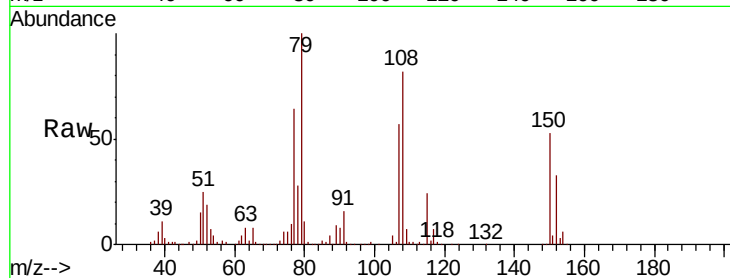
77 64.3 51.7 77.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 30.992 ng

RT: 6.90 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

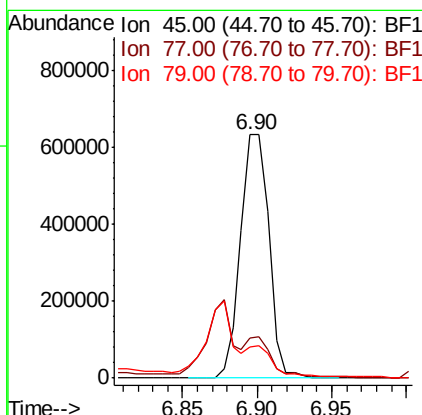
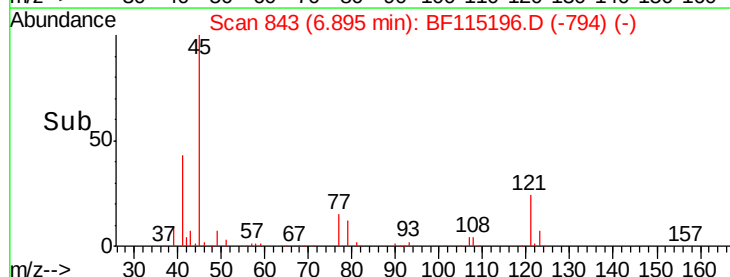
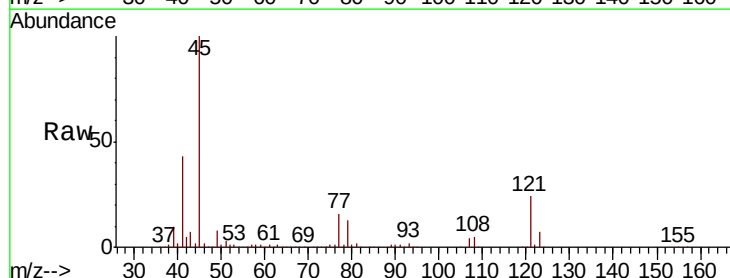
Tgt Ion: 45 Resp: 838678

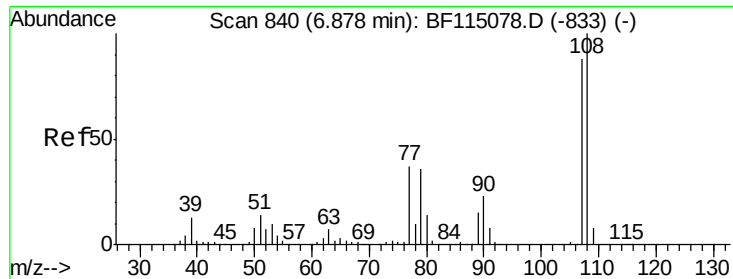
Ion Ratio Lower Upper

45 100

77 16.5 0.0 34.6

79 13.0 0.0 31.2





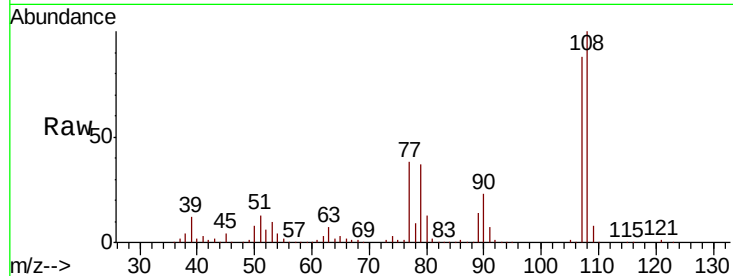
#17
2-Methylphenol
Concen: 33.719 ng
RT: 6.88 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	557152		
108	113.1	90.9	136.3	
77	42.5	33.4	50.2	
79	41.8	32.3	48.5	

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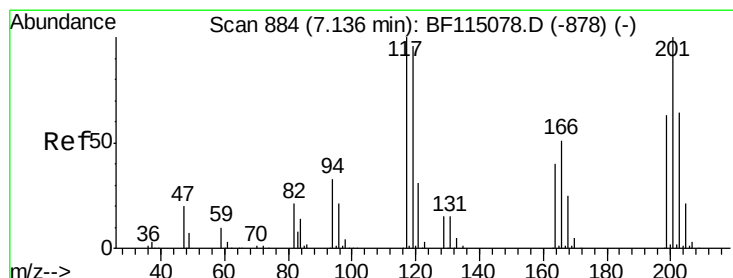
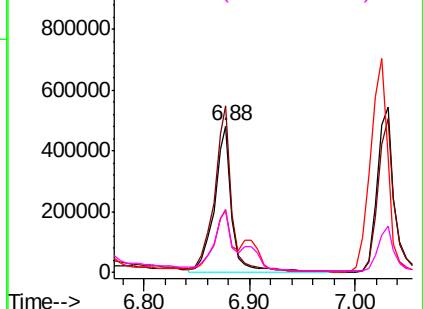
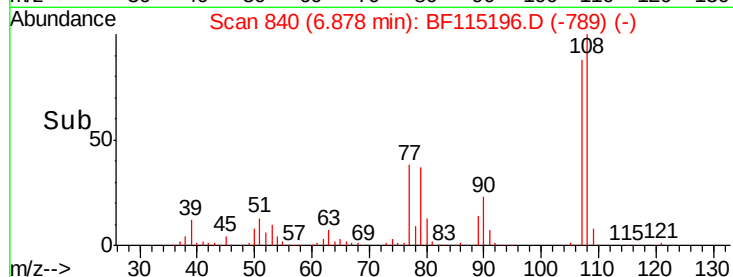
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

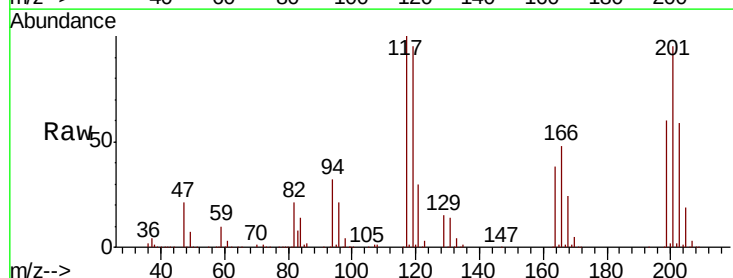
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 32.078 ng
RT: 7.12 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	257642		
119	94.6	76.6	114.8	
201	94.7	80.2	120.2	

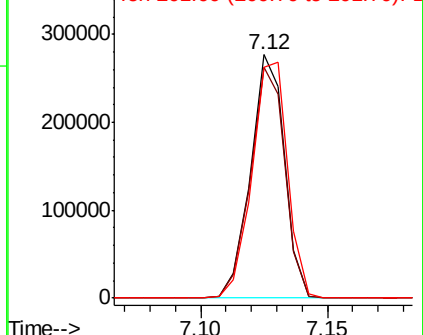
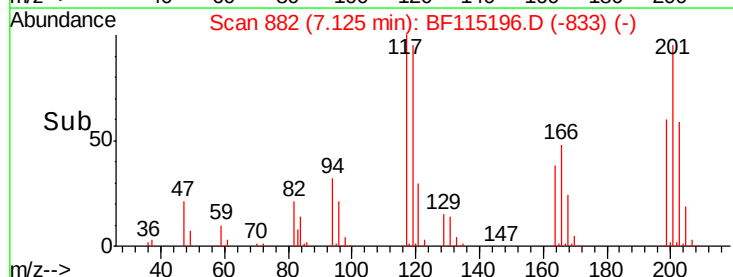


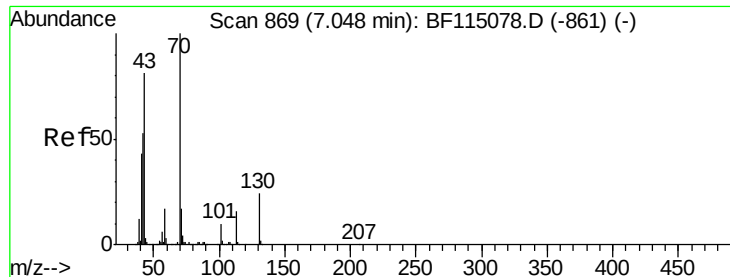
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





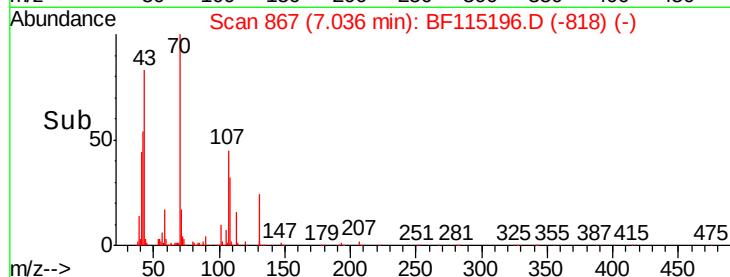
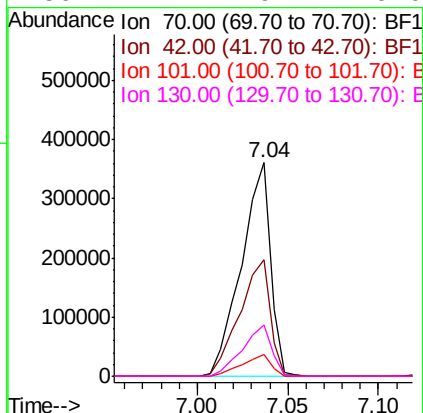
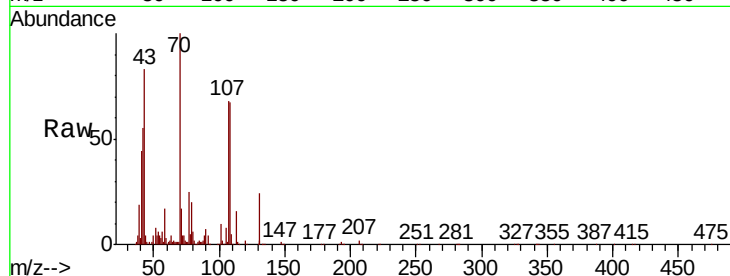
#19
n-Nitroso-di-n-propylamine
Concen: 29.159 ng
RT: 7.04 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	54.7	42.6	63.8		
101	10.4	8.0	12.0		
130	24.2	19.4	29.0		

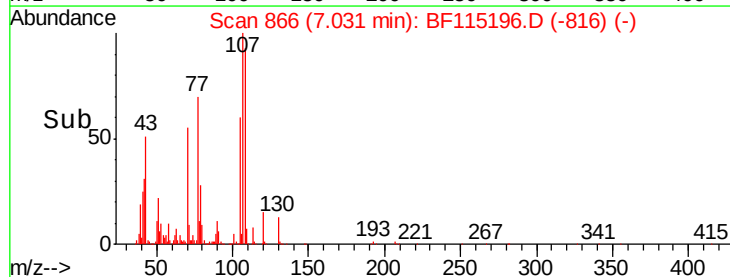
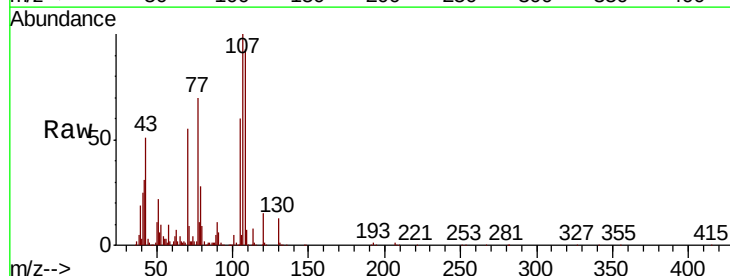
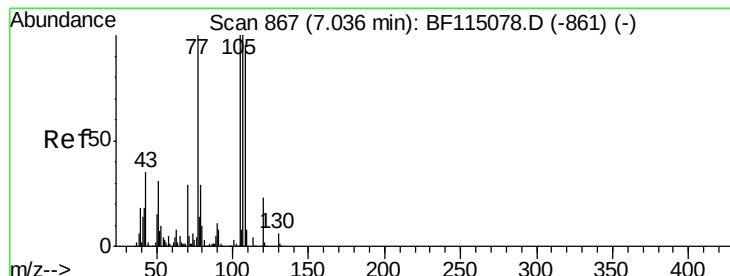
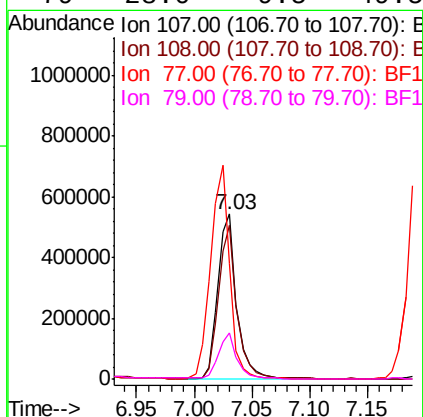
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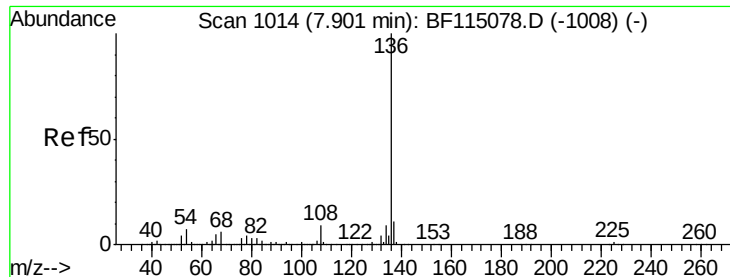
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#20
3+4-Methylphenols
Concen: 31.923 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	93.5	75.5	115.5		
77	69.9	80.2	120.2#		
79	28.0	9.5	49.5		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

Instrument :

BNA_F

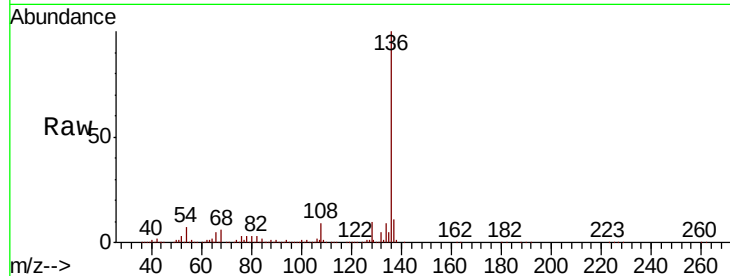
ClientSampleId :

SIDEWALL-1MS

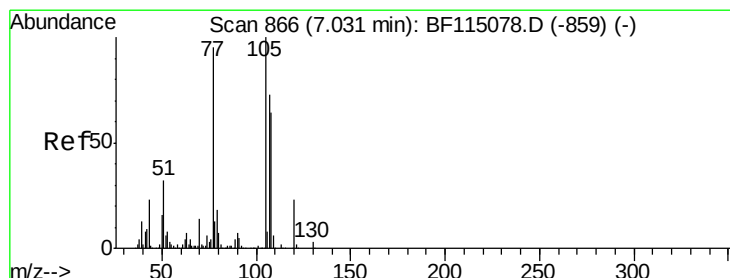
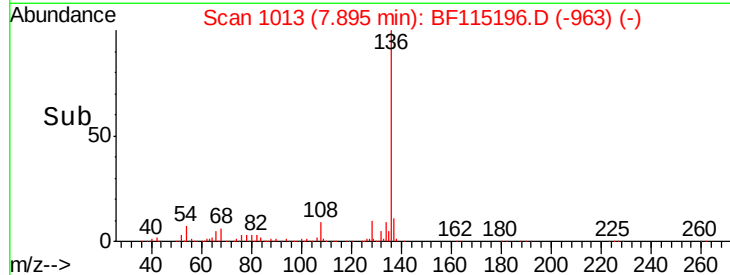
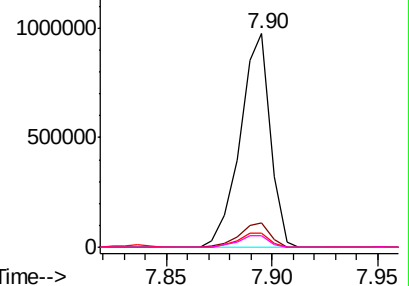
Tot Ion	Ratio	Resp	Lower	Upper
136	100	968644		
137	11.2	8.9	13.3	
54	6.5	5.6	8.4	
68	5.6	4.8	7.2	

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Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.597 ng

RT: 7.02 min Scan# 865

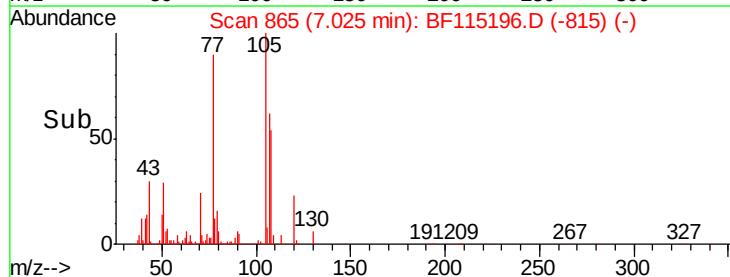
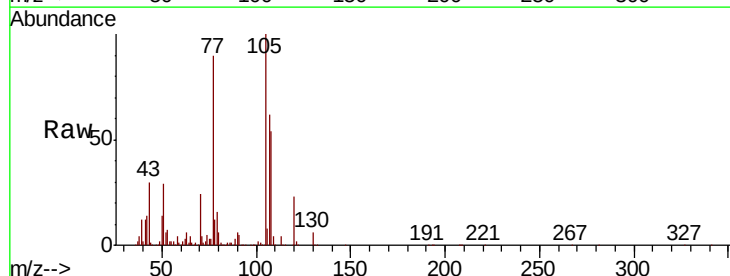
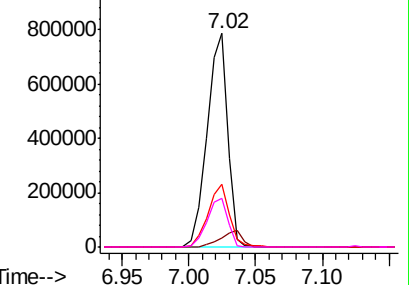
Delta R.T. -0.01 min

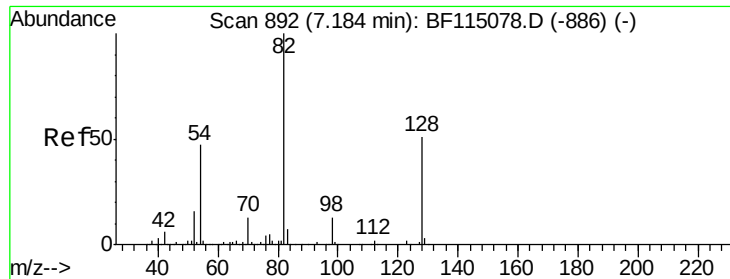
Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	855902		
71	4.1	1.9	2.9#	
51	29.3	25.8	38.8	
120	23.1	18.5	27.7	

Abundance Ion 105.00 (104.70 to 105.70): E
1200000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





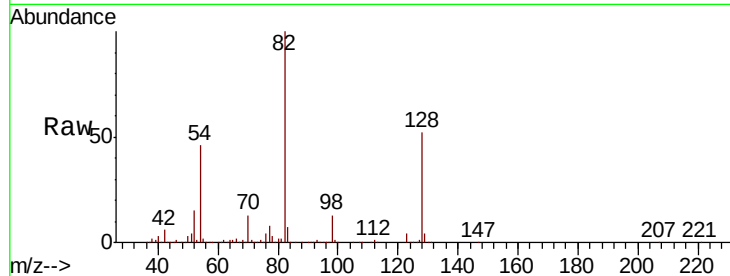
#23
 Nitrobenzene-d5
 Concen: 87.494 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115196.D
 Acq: 25 Jun 2019 19:17

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-1MS

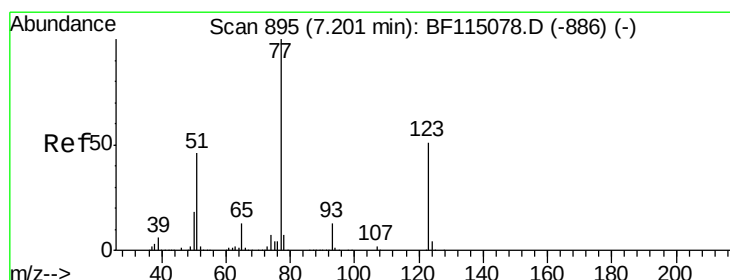
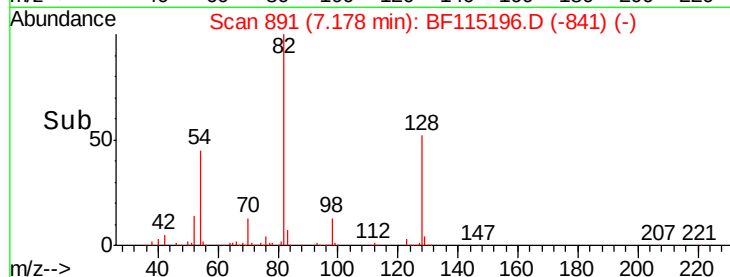
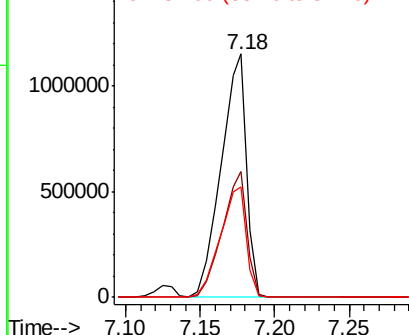
Tot Ion	Ratio	Lower	Upper
82	100		
128	51.8	40.4	60.6
54	45.6	37.5	56.3

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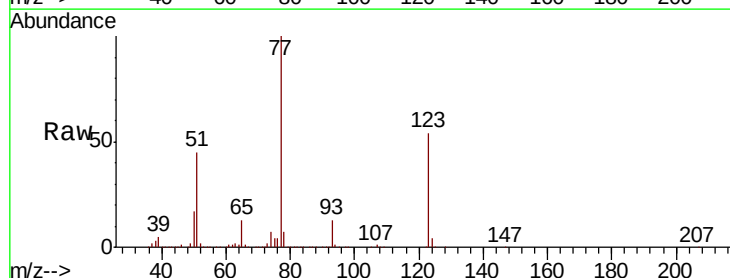


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

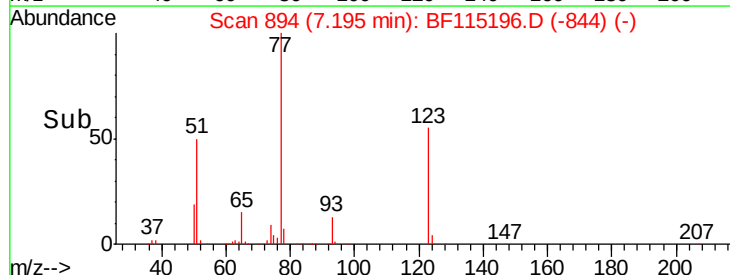
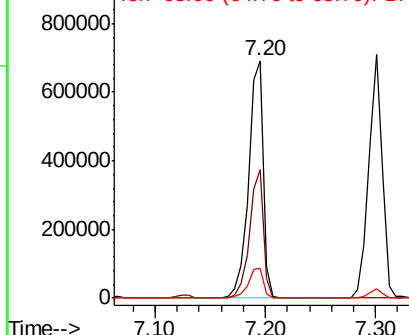


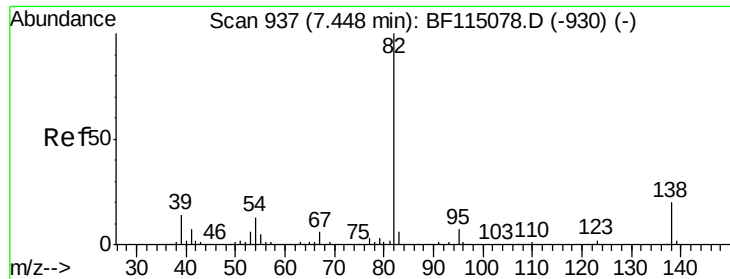
#24
 Nitrobenzene
 Concen: 37.026 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115196.D
 Acq: 25 Jun 2019 19:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.1	41.0	61.6
65	12.8	10.5	15.7



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: 33.957 ng

RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-1MS

Tot Ion: 82 Resp: 1095368

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

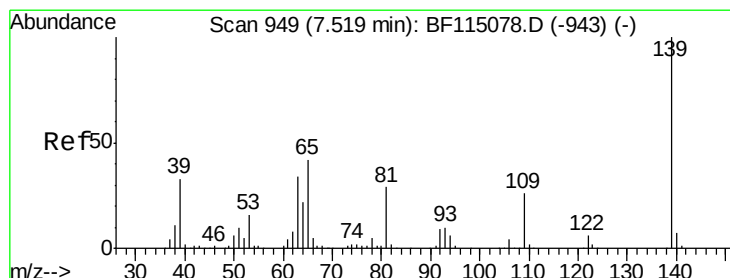
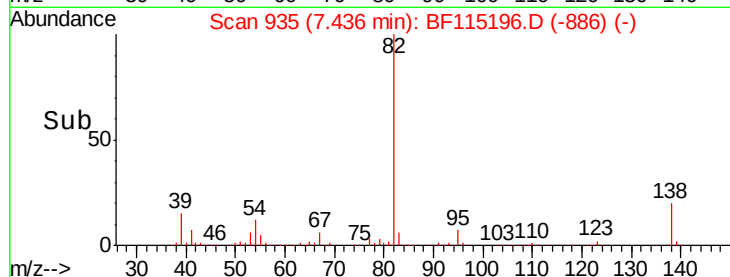
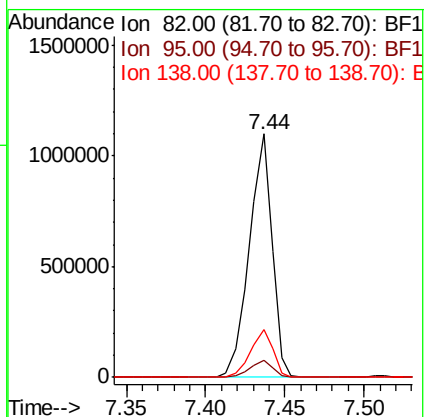
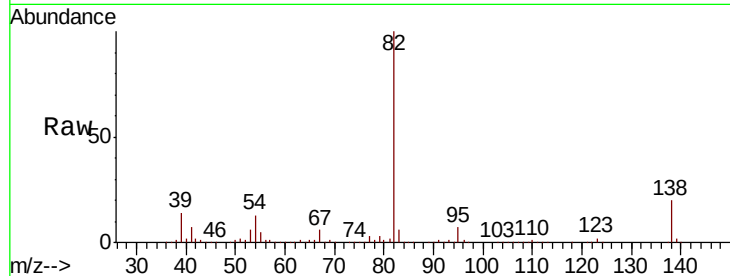
138 19.7 15.9 23.9

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#26

2-Nitrophenol

Concen: 39.700 ng

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

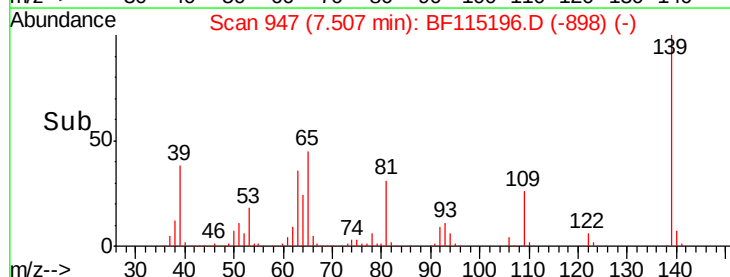
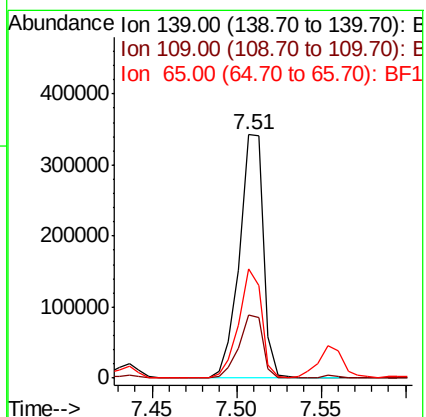
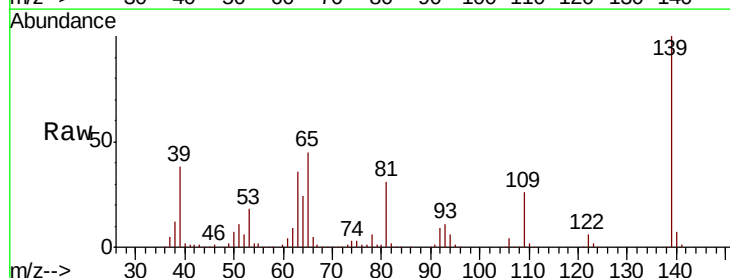
Tgt Ion: 139 Resp: 340106

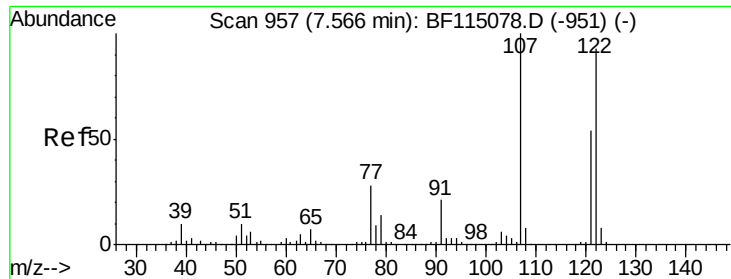
Ion Ratio Lower Upper

139 100

109 25.8 20.4 30.6

65 45.0 33.6 50.4





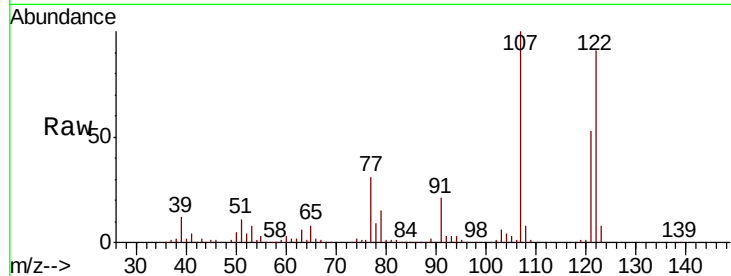
#27
2,4-Dimethylphenol
Concen: 38.352 ng
RT: 7.55 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.9	85.8	128.6
121	57.7	46.3	69.5

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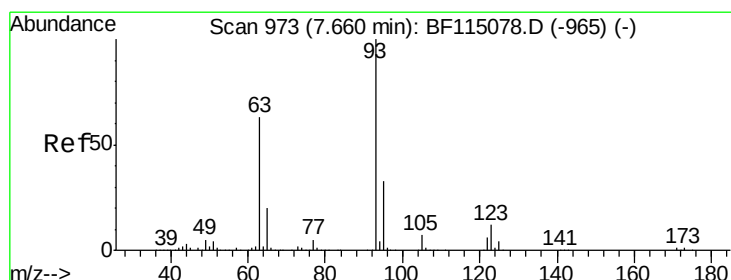
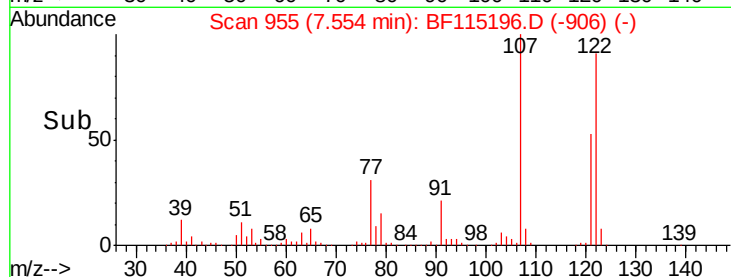
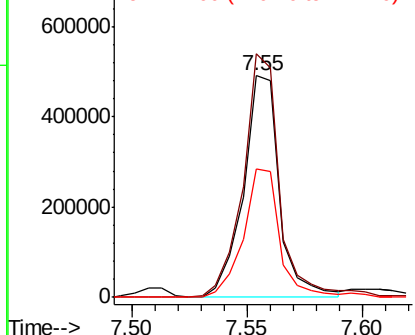


Abundance

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: 34.818 ng
RT: 7.65 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

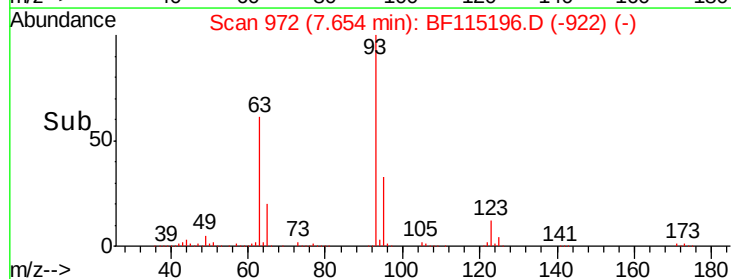
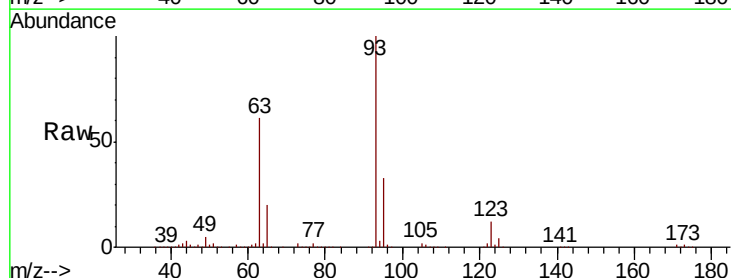
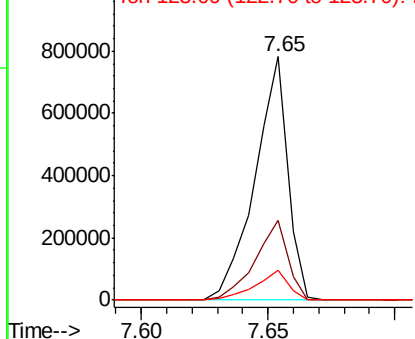
Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	12.3	9.7	14.5

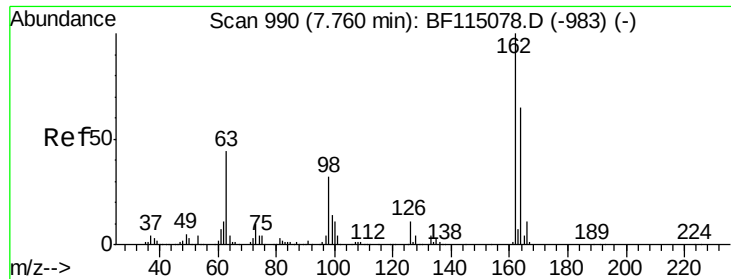
Abundance

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





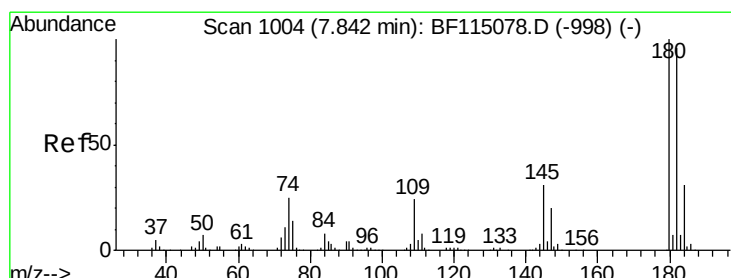
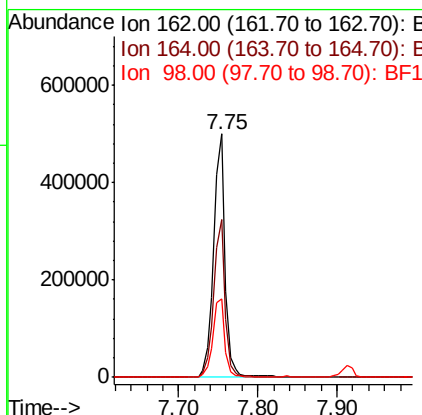
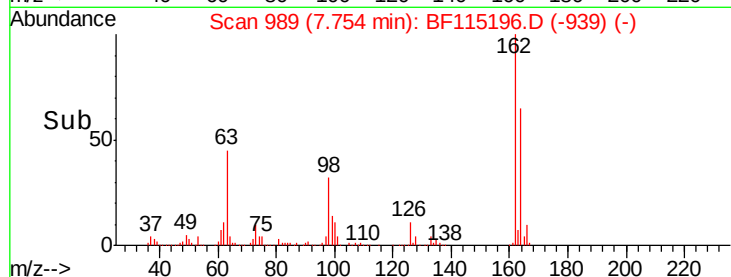
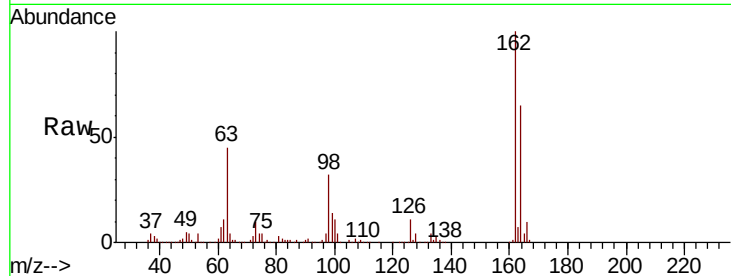
#29
 2,4-Dichlorophenol
 Concen: 35.114 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF115196.D
 Acq: 25 Jun 2019 19:17

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-1MS

Tot Ion:	162	Resp:	508285
Ion Ratio	Lower	Upper	
162	100		
164	64.7	45.3	85.3
98	32.5	12.5	52.5

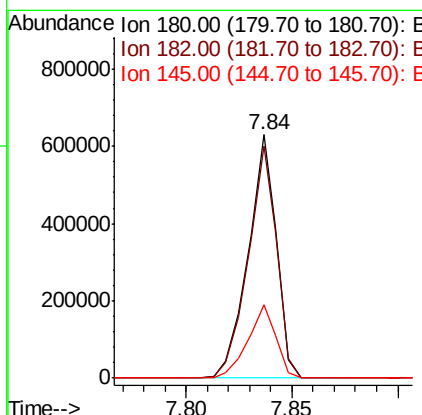
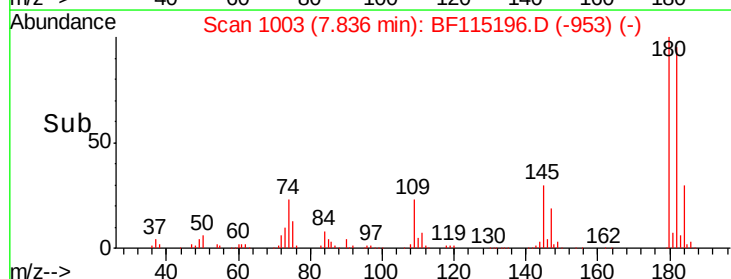
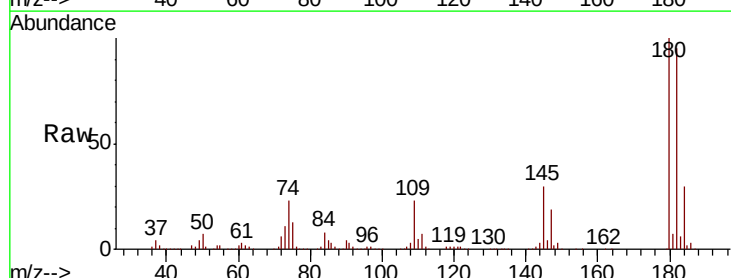
Manual Integrations
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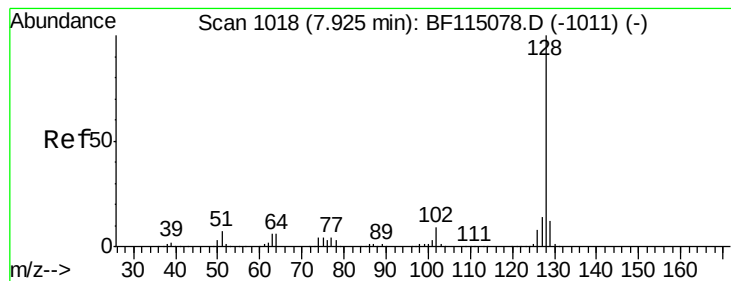
mohammad
 6/26/2019 2:03:38 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.503 ng
 RT: 7.84 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF115196.D
 Acq: 25 Jun 2019 19:17

Tgt Ion:	180	Resp:	583659
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.4	114.6
145	30.3	24.8	37.2





#31

Naphthalene

Concen: 37.250 ng

RT: 7.91 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-1MS

Tot Ion:128 Resp: 1771165

Ion Ratio Lower Upper

128 100

129 12.1 9.6 14.4

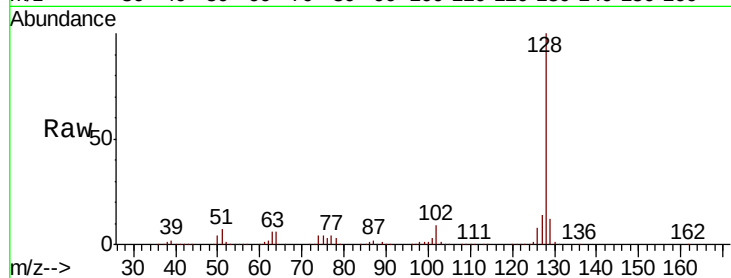
127 13.9 11.4 17.0

Manual Integrations

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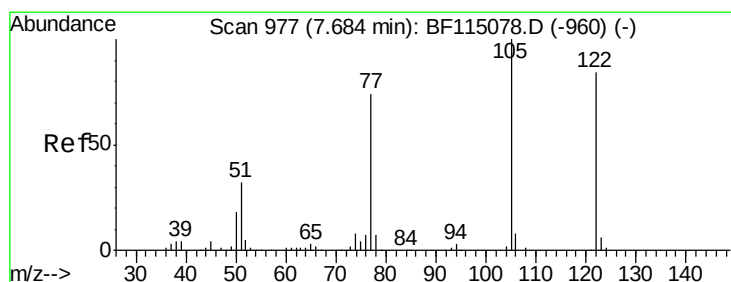
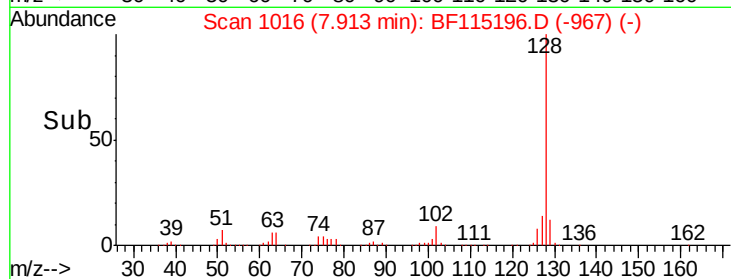
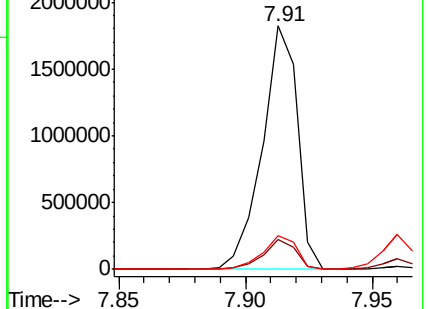
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.714 ng m

RT: 7.61 min Scan# 964

Delta R.T. -0.08 min

Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

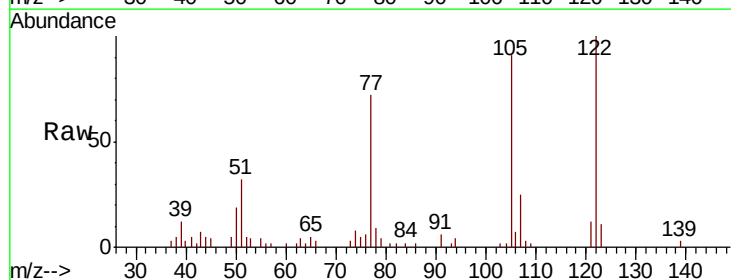
Tgt Ion:122 Resp: 117280

Ion Ratio Lower Upper

122 100

105 91.4 98.2 138.2#

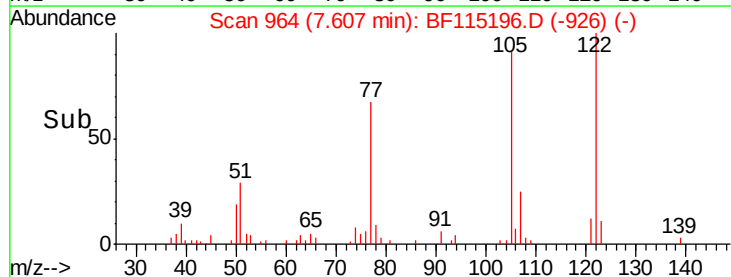
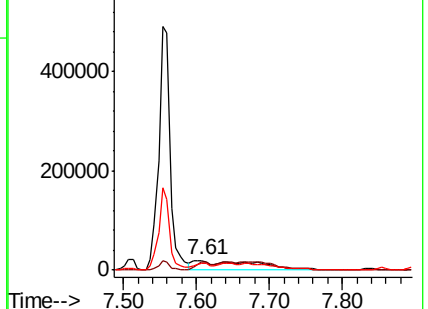
77 72.5 67.0 107.0

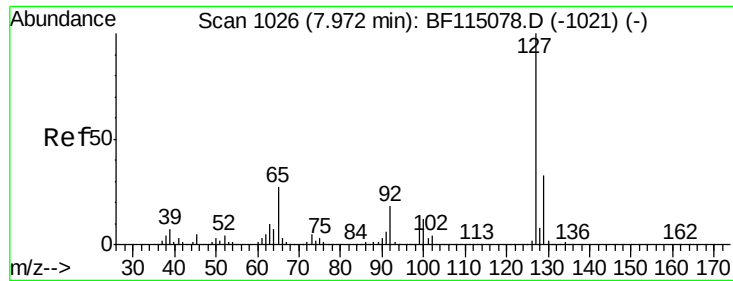


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





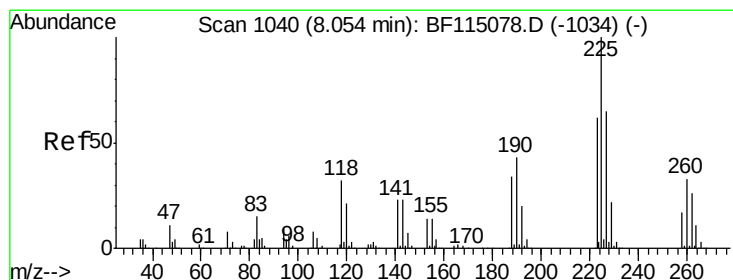
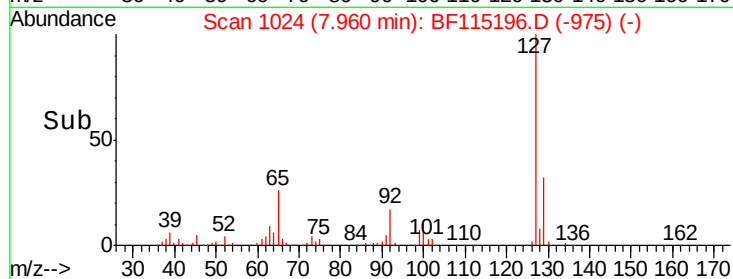
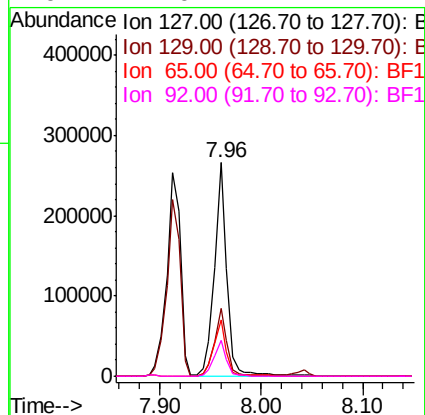
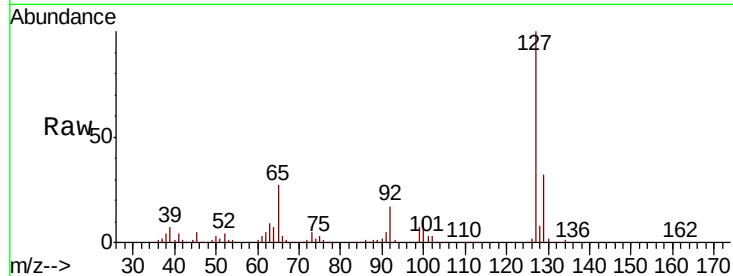
#33
4-Chloroaniline
Concen: 10.517 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		228534		
129	31.8	26.1	39.1		
65	26.5	21.4	32.2		
92	17.0	14.1	21.1		

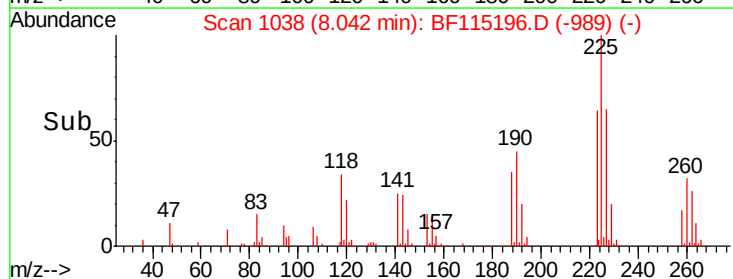
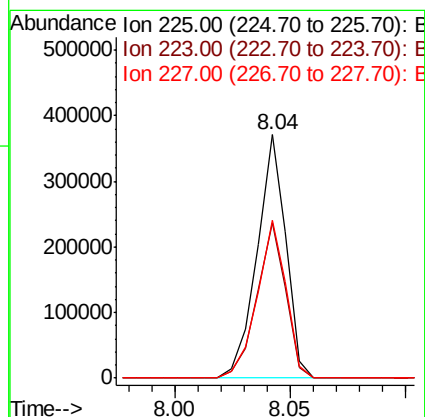
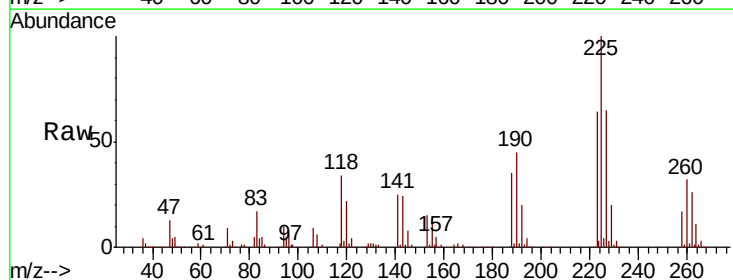
Manual Integrations
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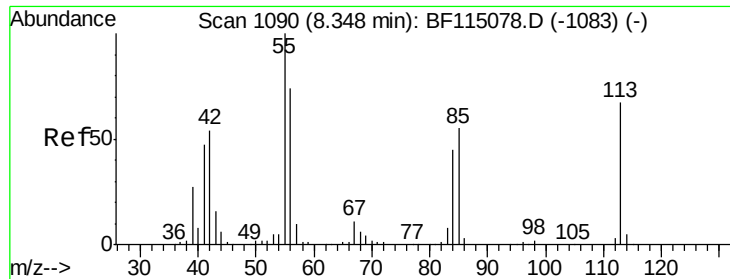
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#34
Hexachlorobutadiene
Concen: 36.954 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		323793		
223	63.9	49.4	74.2		
227	64.9	51.8	77.8		





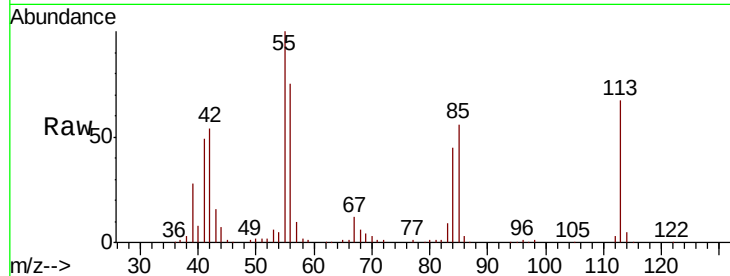
#35
Caprolactam
Concen: 27.032 ng/ml
RT: 8.32 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	148.2	130.2	170.2
56	110.9	91.6	131.6

Manual Integrations
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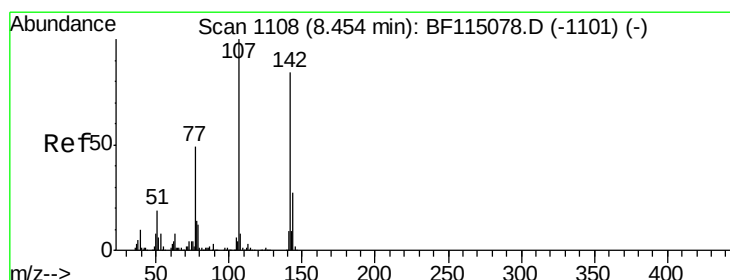
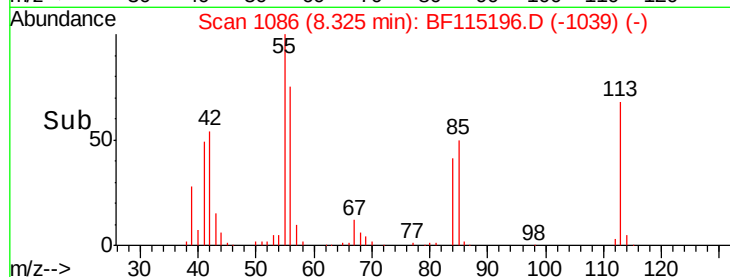
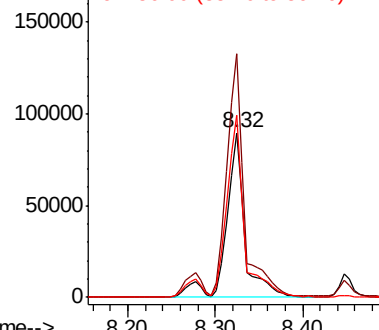


Abundance

Ion 113.00 (112.70 to 113.70): E

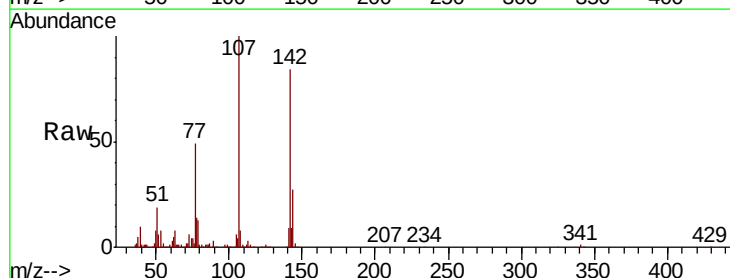
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 31.931 ng/ml
RT: 8.45 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	21.7	32.5
142	83.6	67.0	100.4

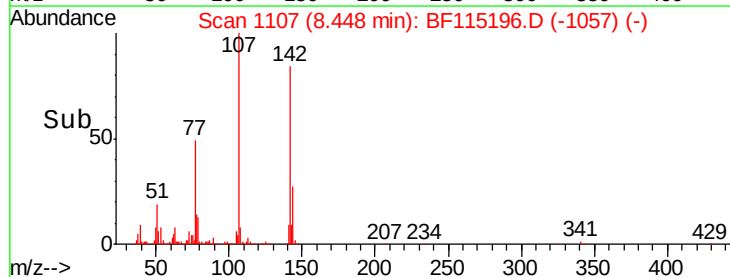
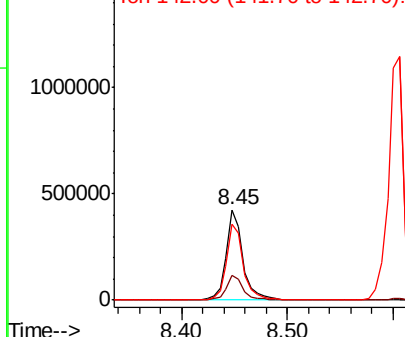


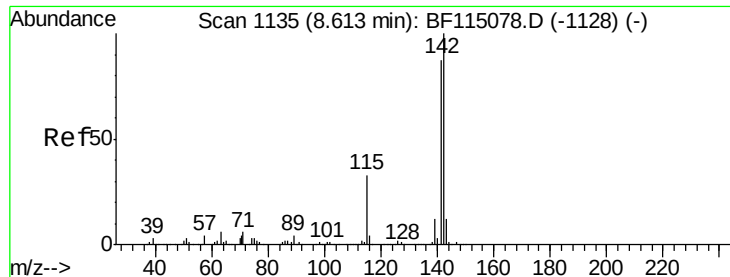
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





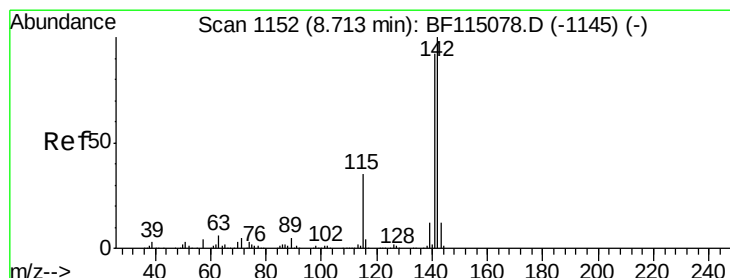
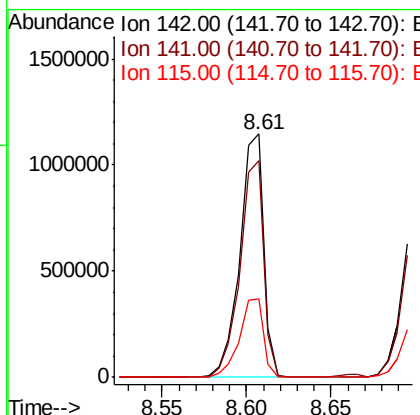
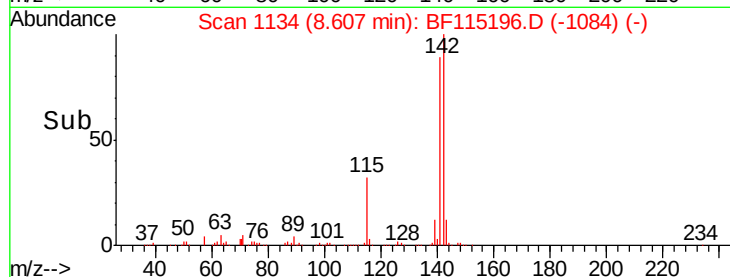
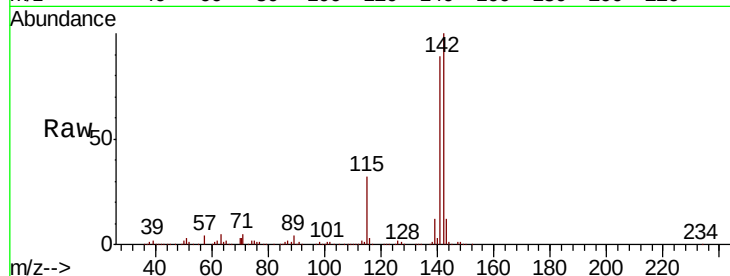
#37
2-Methylnaphthalene
Concen: 35.275 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	69.8	104.6
115	32.2	26.7	40.1

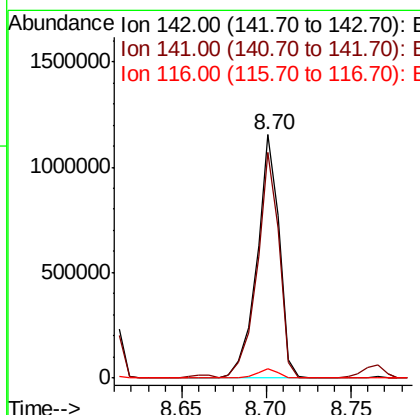
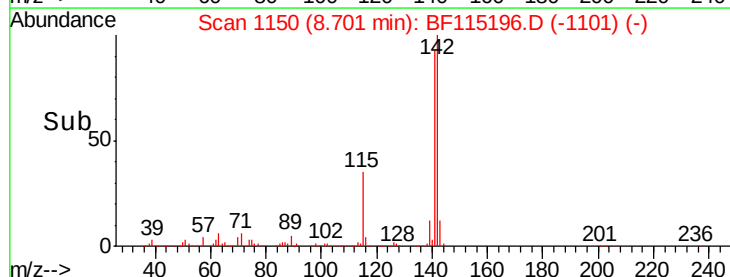
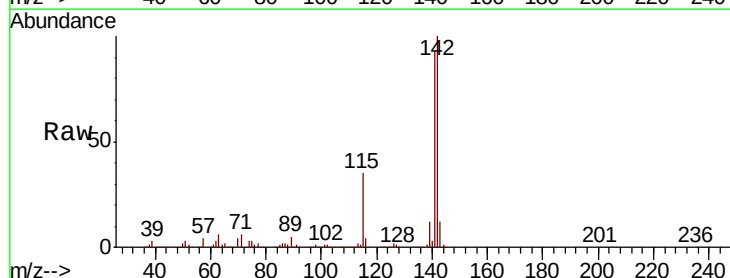
Manual Integrations
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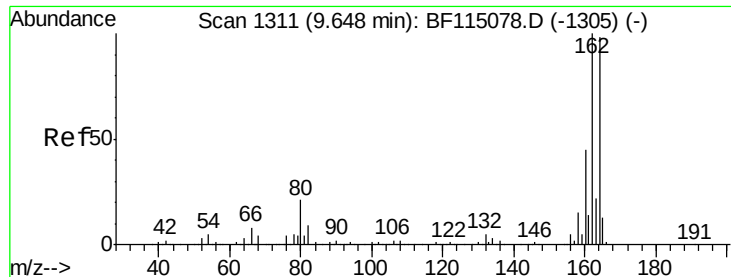
mohammad
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#38
1-Methylnaphthalene
Concen: 34.390 ng
RT: 8.70 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.8	110.8
116	3.7	2.8	4.2





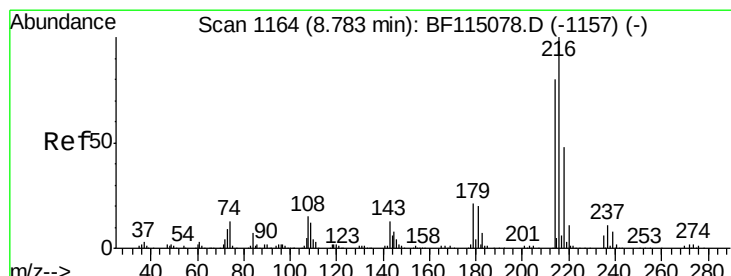
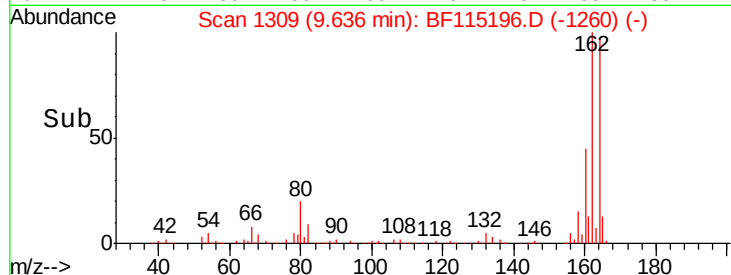
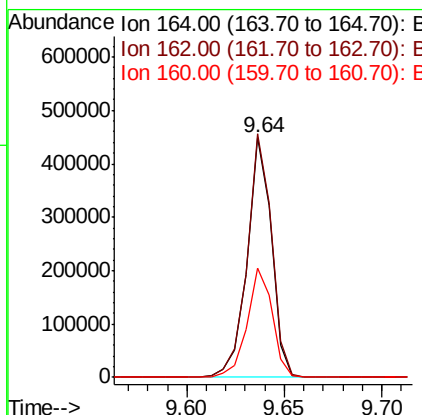
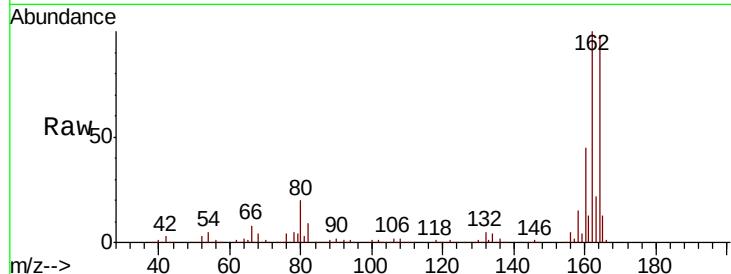
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.7	122.5
160	45.9	37.0	55.4

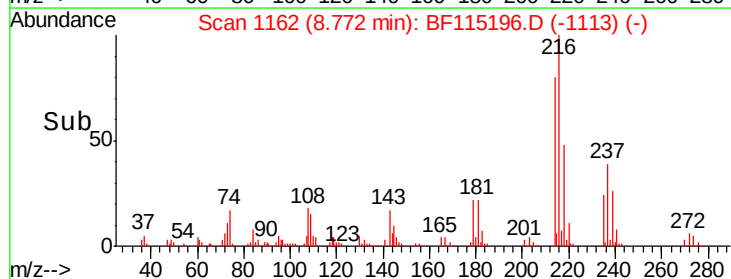
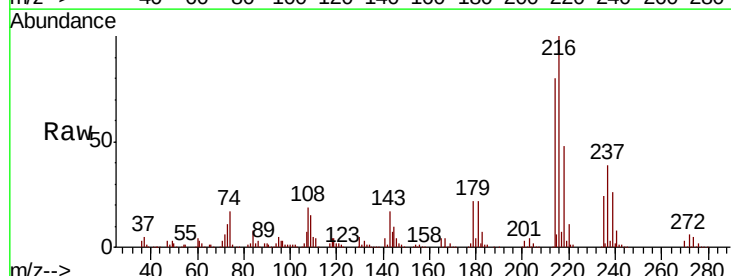
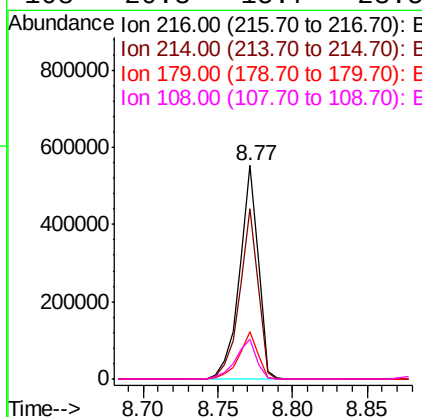
Manual Integrations
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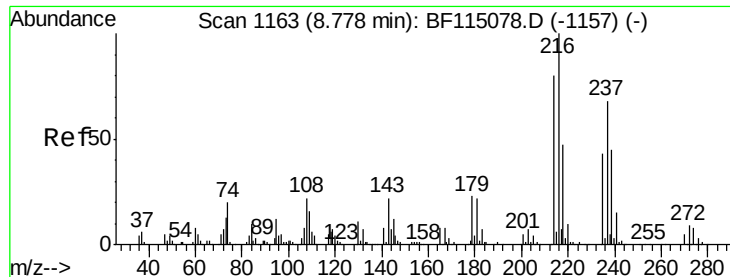
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.894 ng
RT: 8.77 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.6
179	22.0	17.6	26.4
108	20.3	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 70.964 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

Instrument :

BNA_F

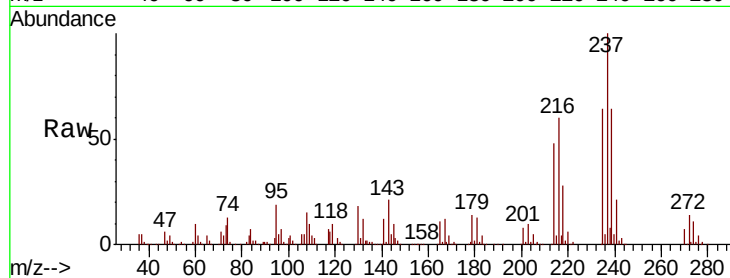
ClientSampleId :

SIDEWALL-1MS

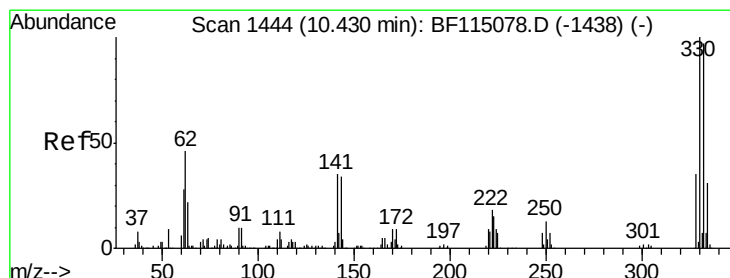
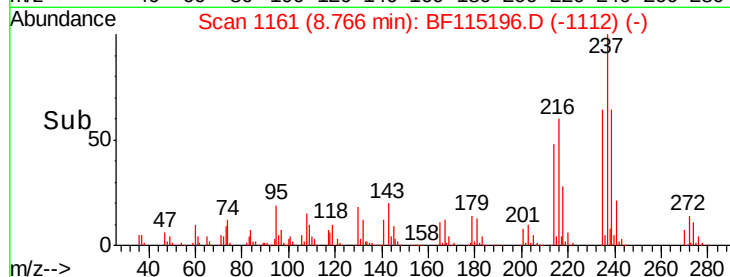
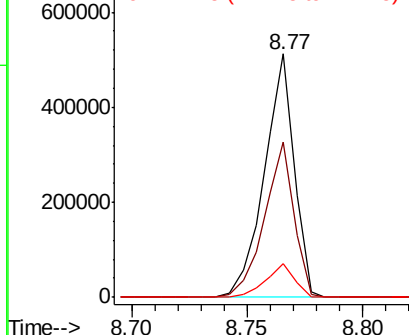
Tot Ion:	237	Resp:	460715
Ion Ratio	Lower	Upper	
237	100		
235	63.7	43.9	83.9
272	13.6	0.0	33.8

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: 114.365 ng

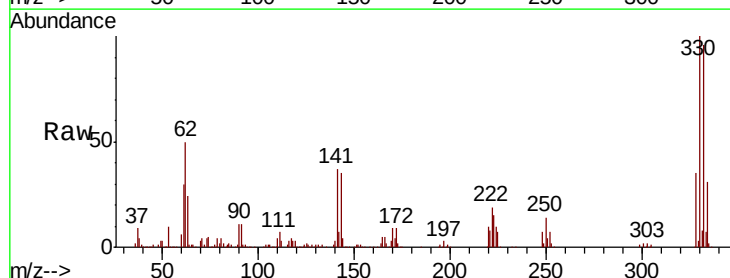
RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

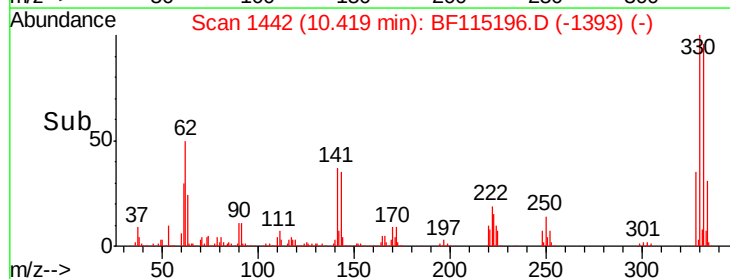
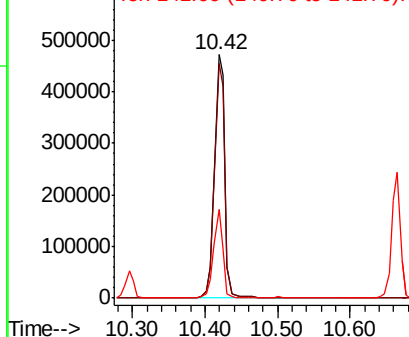
Lab File: BF115196.D

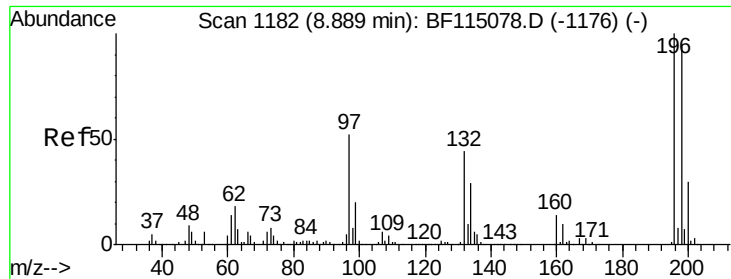
Acq: 25 Jun 2019 19:17

Tgt Ion:	330	Resp:	467279
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.3	115.9
141	33.3	28.2	42.2



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





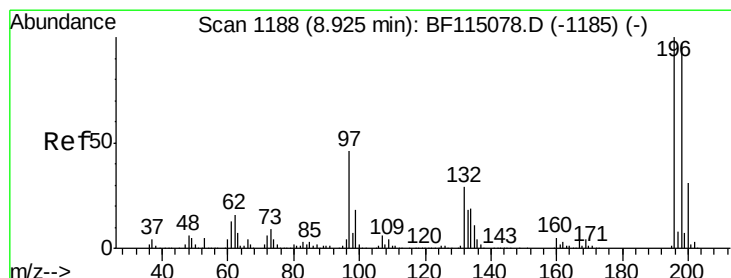
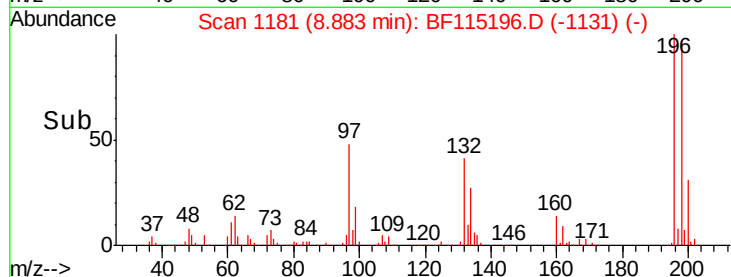
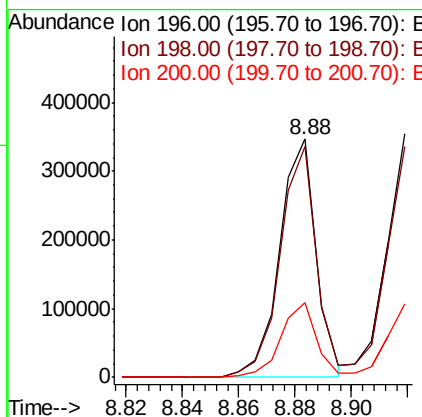
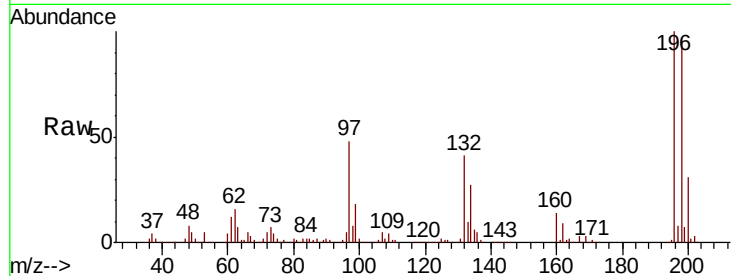
#43
 2,4,6-Trichlorophenol
 Concen: 36.841 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115196.D
 Acq: 25 Jun 2019 19:17

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-1MS

Tot Ion:	196	Resp:	311414
Ion Ratio	Lower	Upper	
196	100		
198	97.0	76.3	114.5
200	31.5	24.2	36.4

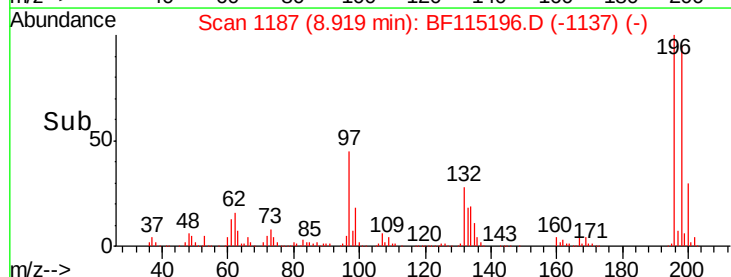
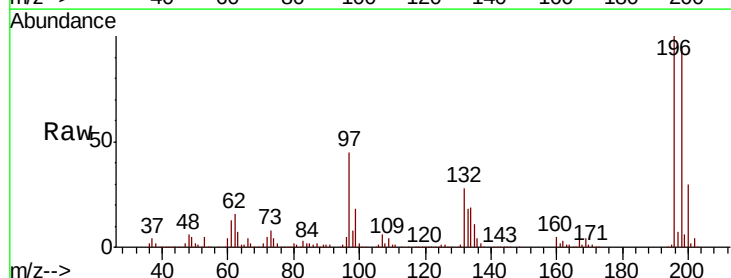
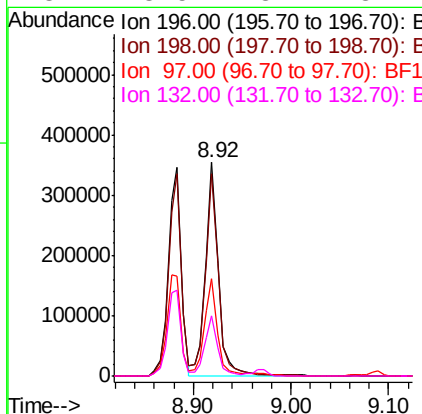
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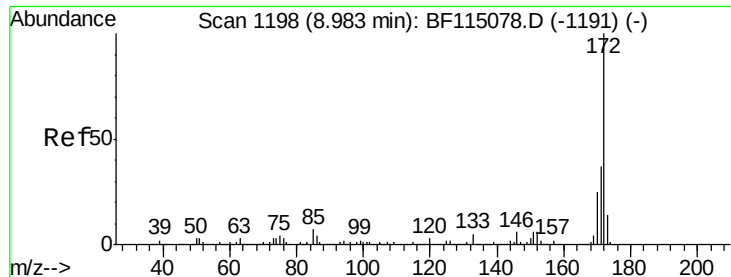
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#44
 2,4,5-Trichlorophenol
 Concen: 37.782 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF115196.D
 Acq: 25 Jun 2019 19:17

Tgt Ion:	196	Resp:	328884
Ion Ratio	Lower	Upper	
196	100		
198	94.7	77.1	115.7
97	45.3	37.7	56.5
132	28.5	23.1	34.7





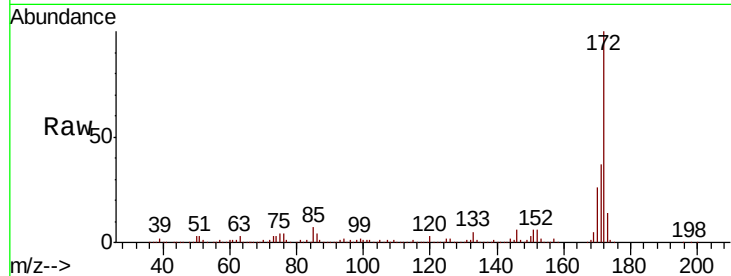
#45
2-Fluorobiphenyl
Concen: 93.007 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	25.6	20.3	30.5

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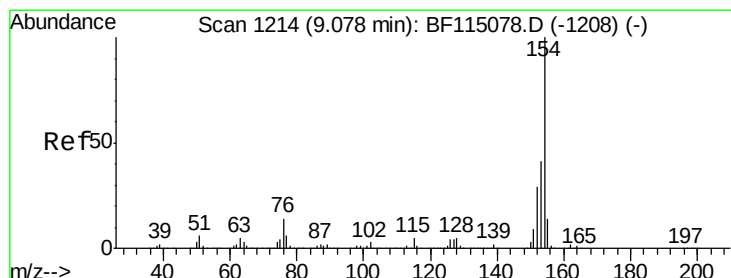
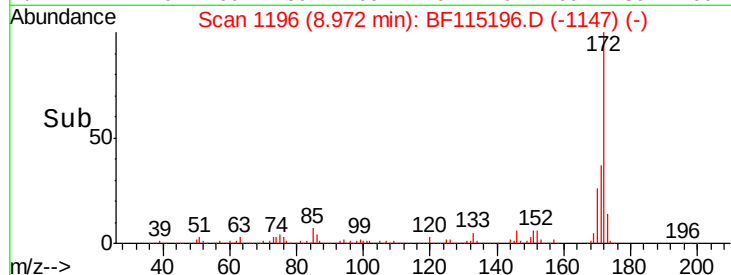
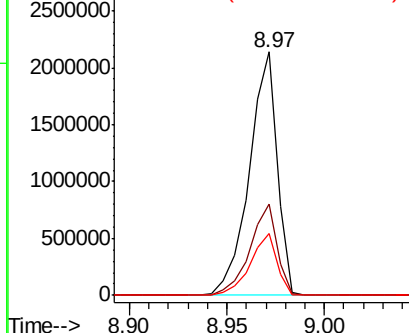


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.053 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

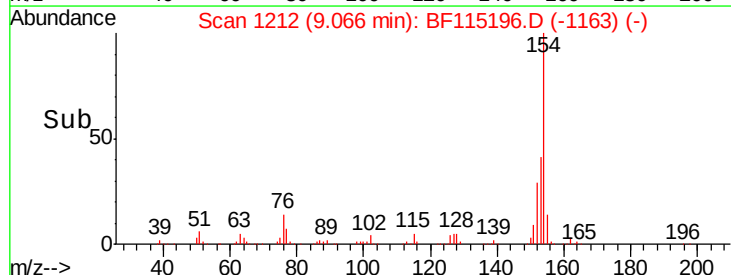
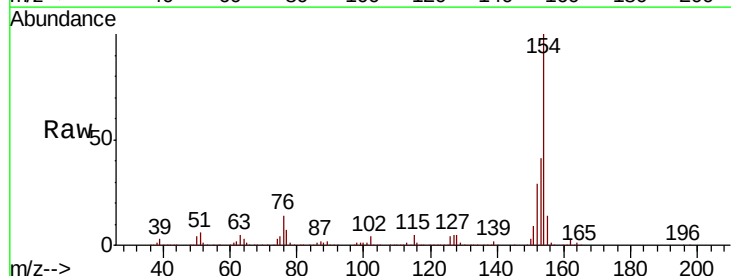
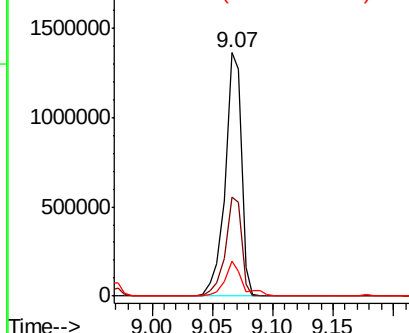
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.9	60.9
76	14.2	0.0	34.1

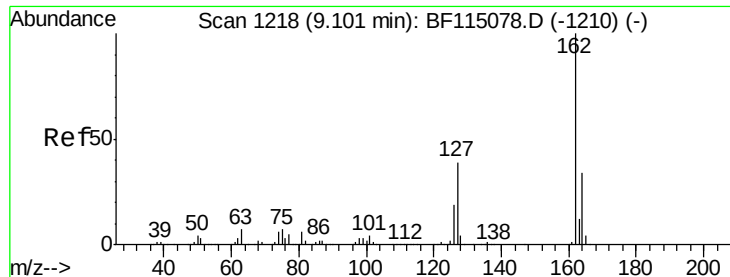
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





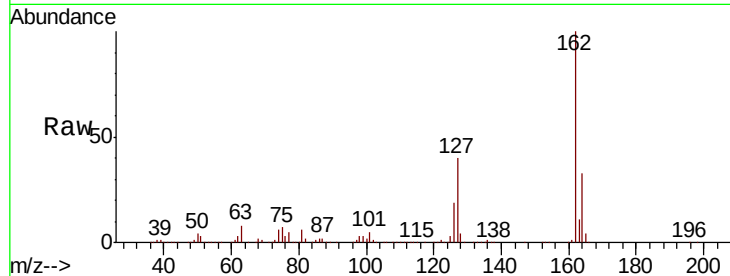
#47
2-Chloronaphthalene
Concen: 39.696 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

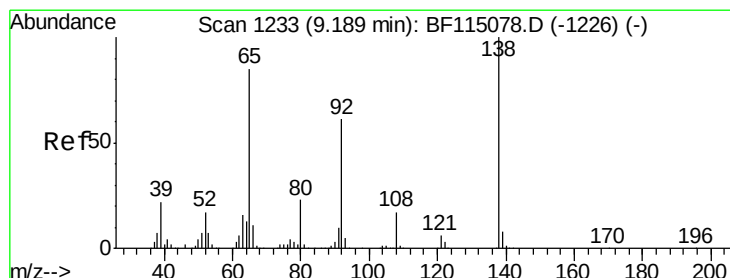
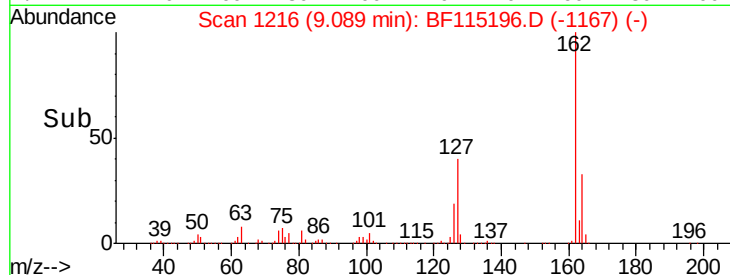
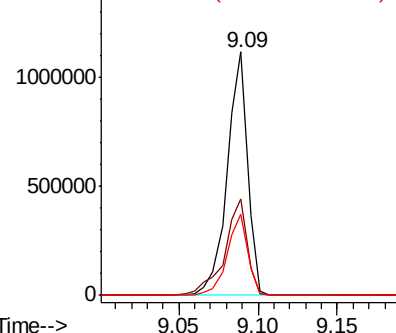
Tot Ion	Ratio	Resp	Lower	Upper
162	100	998252		
127	39.6		30.8	46.2
164	33.3		27.0	40.4

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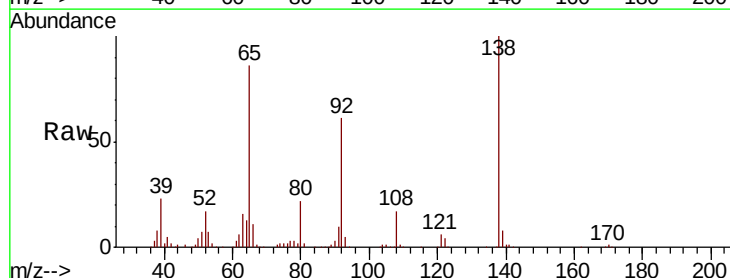


Abundance Ion 162.00 (161.70 to 162.70): E
1500000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

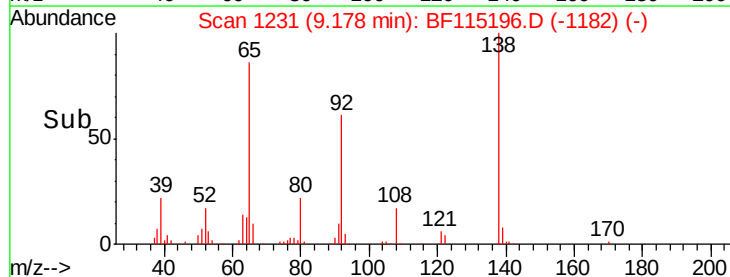
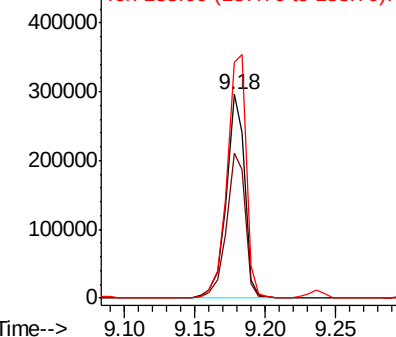


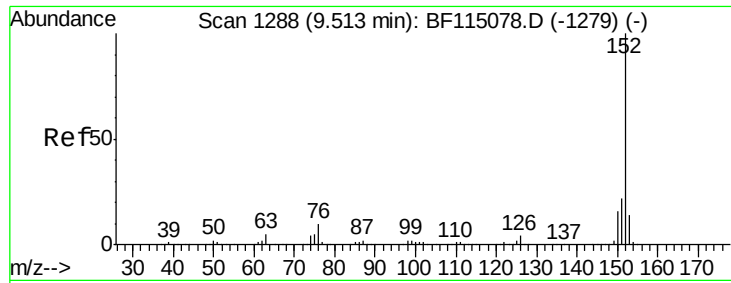
#48
2-Nitroaniline
Concen: 36.541 ng
RT: 9.18 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	267898		
92	71.0		57.4	86.2
138	116.2		94.1	141.1



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: 38.466 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

Instrument :

BNA_F

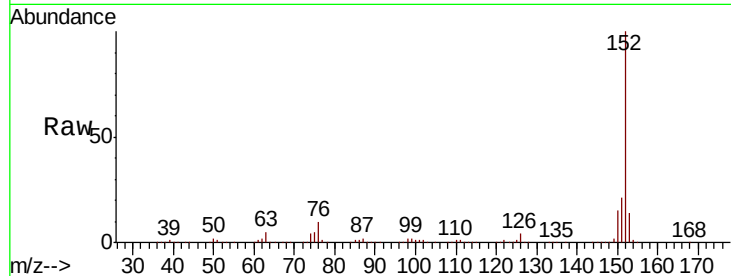
ClientSampleId :

SIDEWALL-1MS

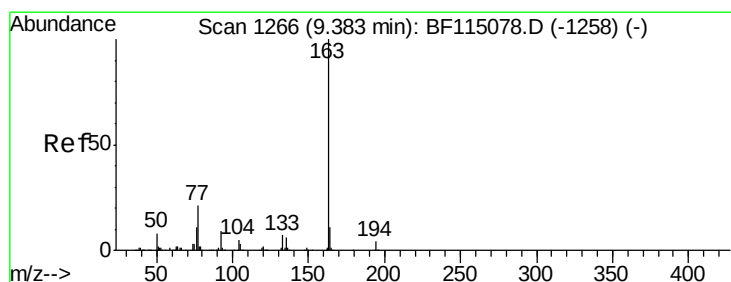
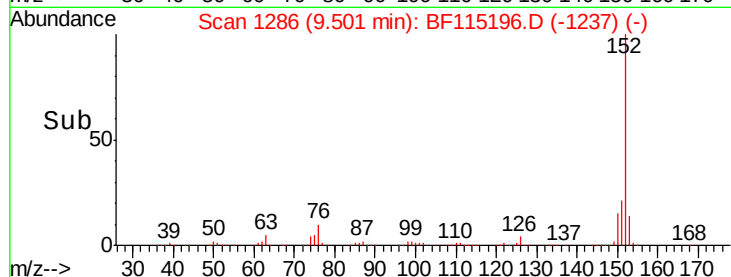
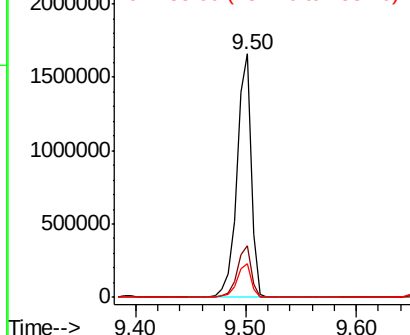
Tot Ion:	152	Resp:	1507104
Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.2	25.8
153	13.6	11.0	16.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.671 ng

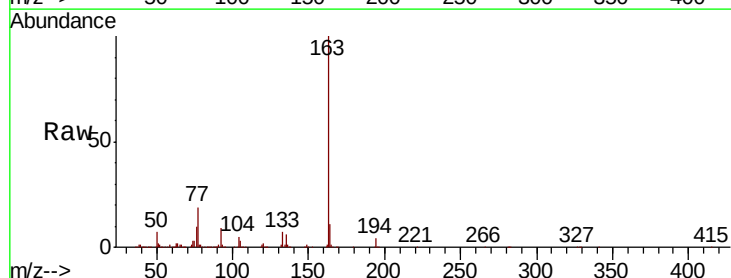
RT: 9.37 min Scan# 1264

Delta R.T. -0.01 min

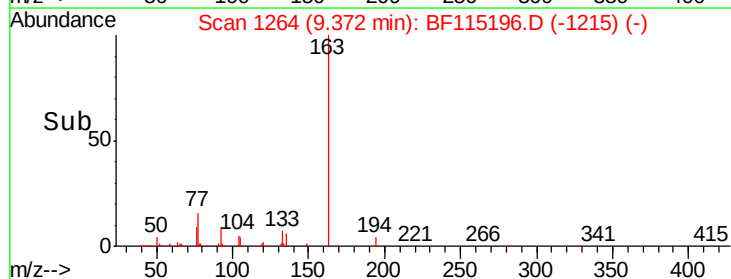
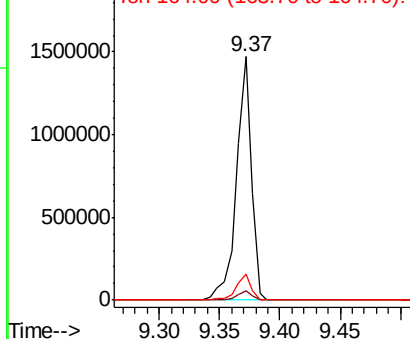
Lab File: BF115196.D

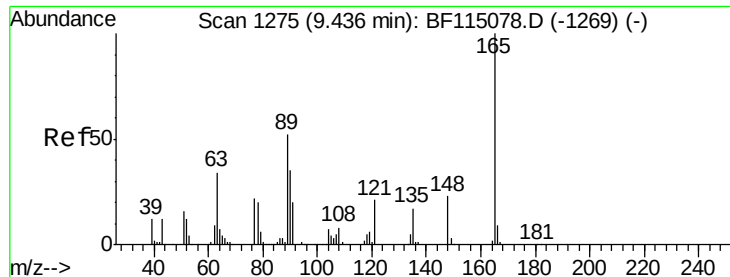
Acq: 25 Jun 2019 19:17

Tgt Ion:	163	Resp:	1273382
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.5	8.6	13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





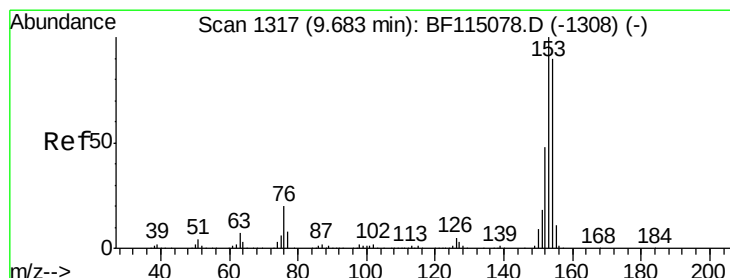
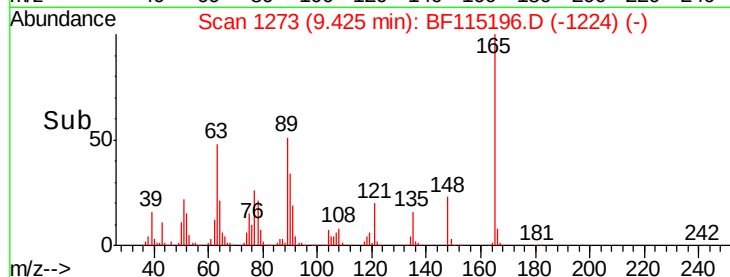
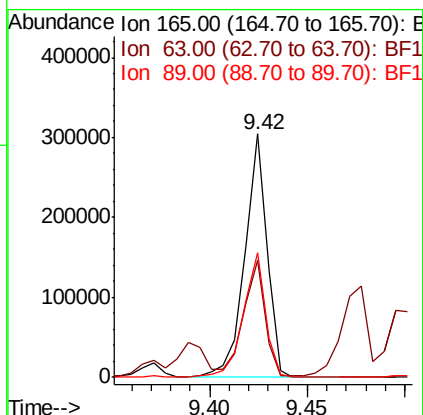
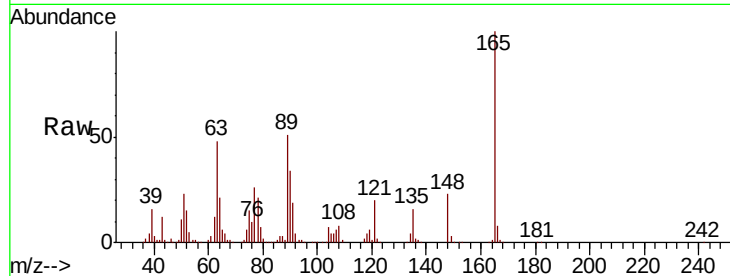
#51
2,6-Dinitrotoluene
Concen: 36.733 ng
RT: 9.42 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	241746		
63	48.2		39.4	59.2
89	51.4		42.0	63.0

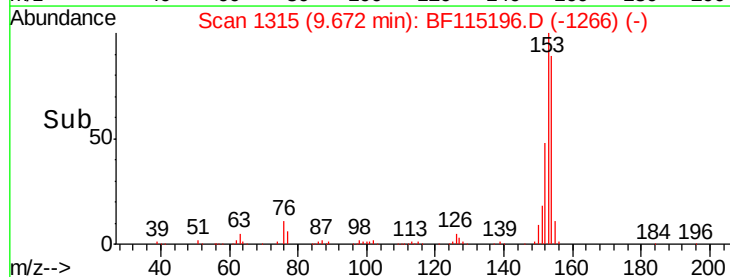
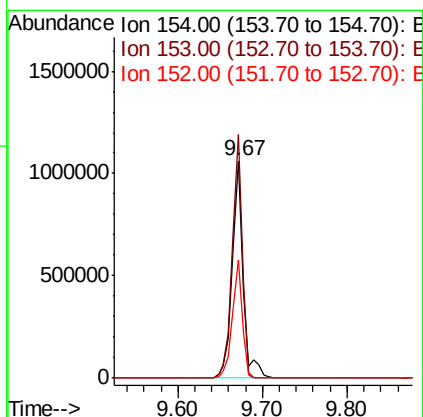
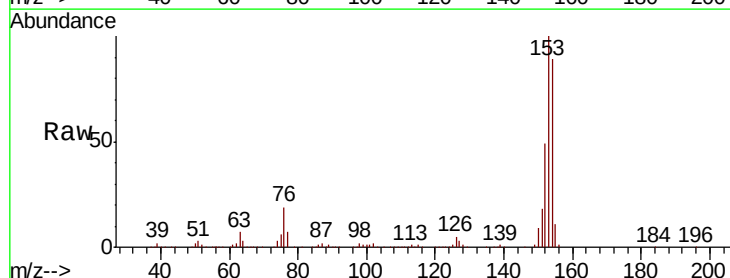
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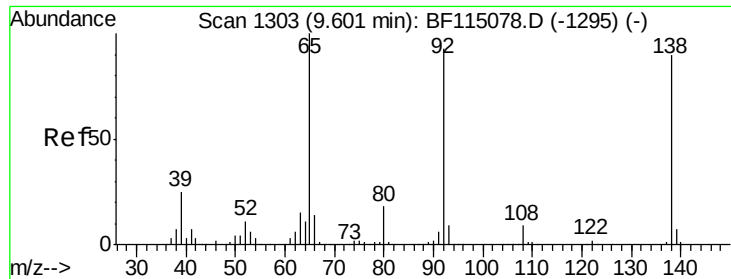
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#52
Acenaphthene
Concen: 38.101 ng
RT: 9.67 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	934126		
153	112.3		88.7	133.1
152	54.6		42.6	64.0





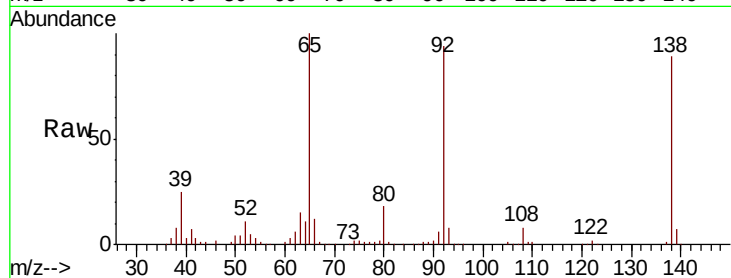
#53
3-Nitroaniline
Concen: 18.613 ng
RT: 9.58 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.9	7.8	11.6
92	105.3	82.9	124.3

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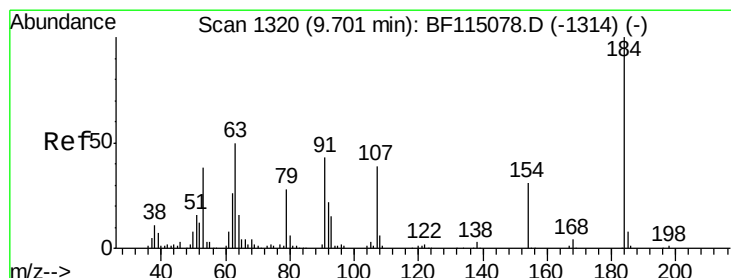
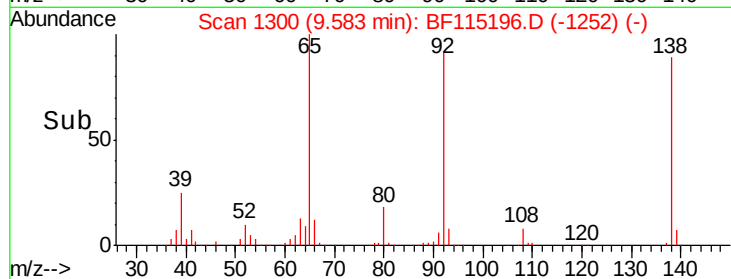
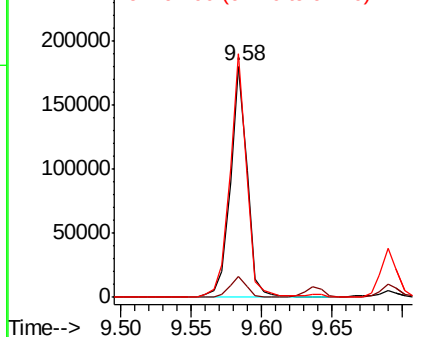


Abundance

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: 42.403 ng
RT: 9.69 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

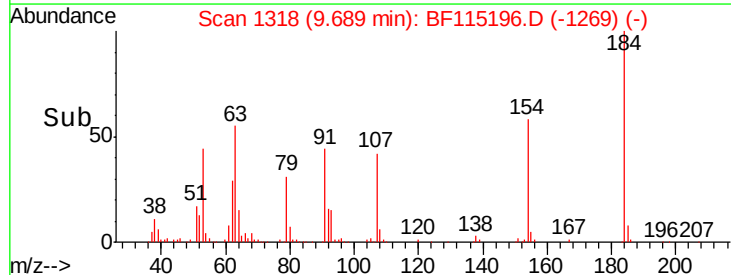
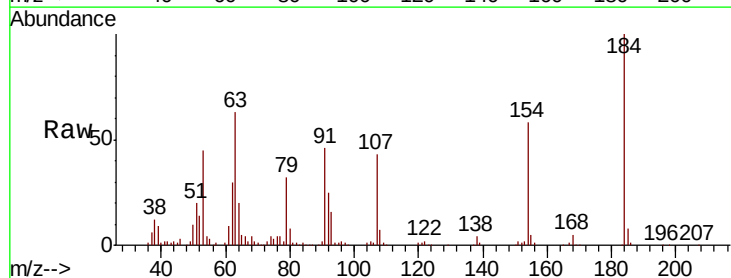
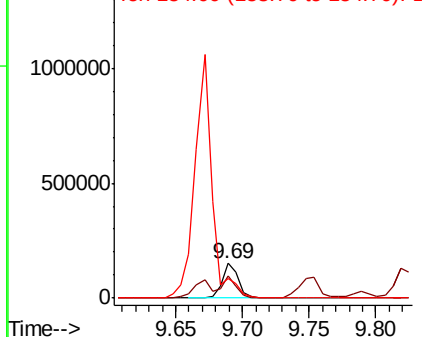
Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.7	41.9	62.9
154	58.4	44.7	67.1

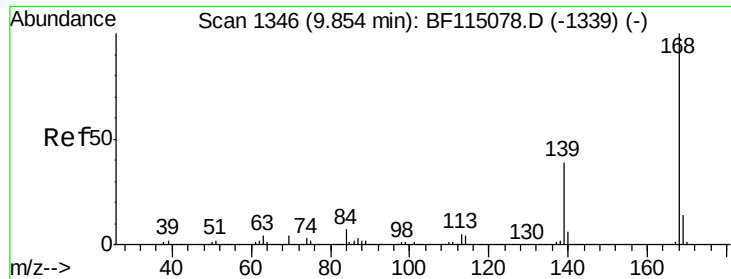
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





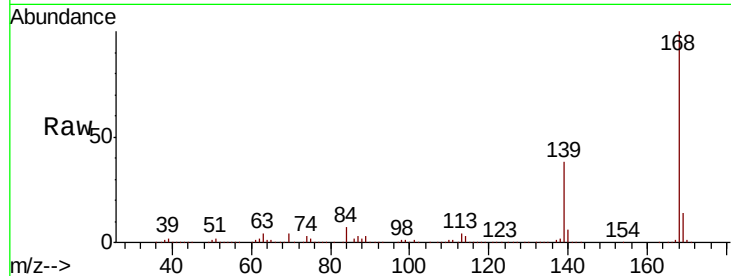
#55
Dibenzofuran
Concen: 36.692 ng
RT: 9.84 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	31.1	46.7
169	14.1	11.3	16.9

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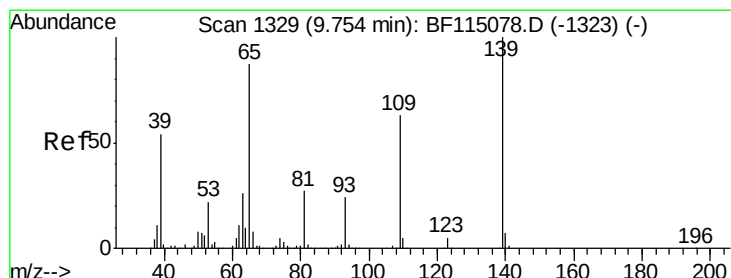
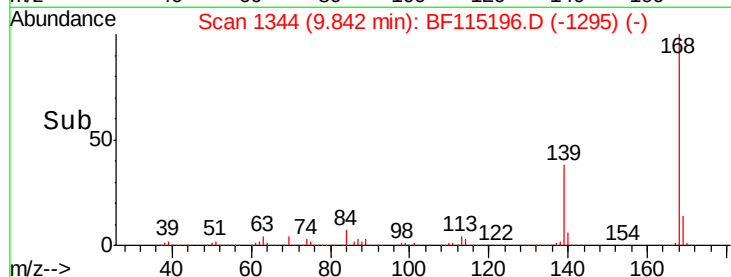
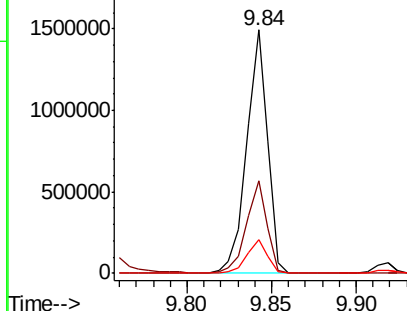


Abundance

Ion 168.00 (167.70 to 168.70): E

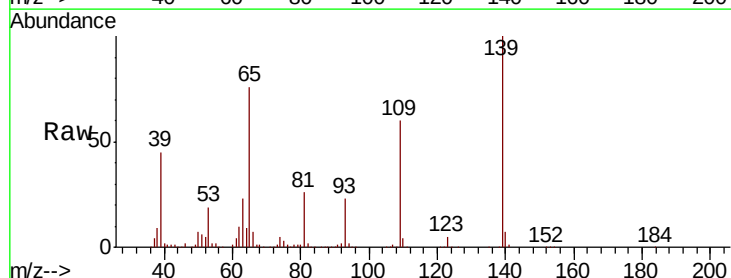
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 65.246 ng
RT: 9.75 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.3	43.0	83.0
65	76.0	67.0	107.0

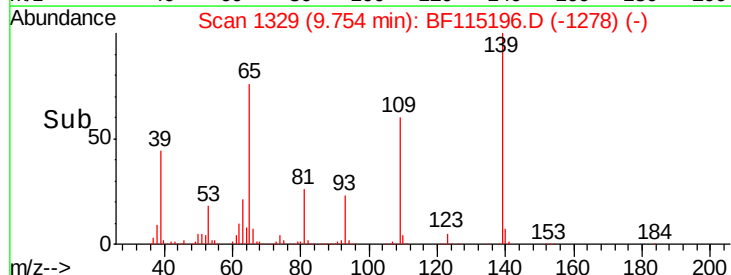
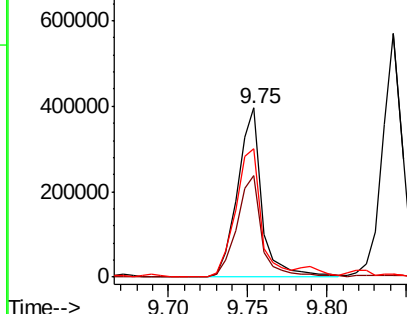


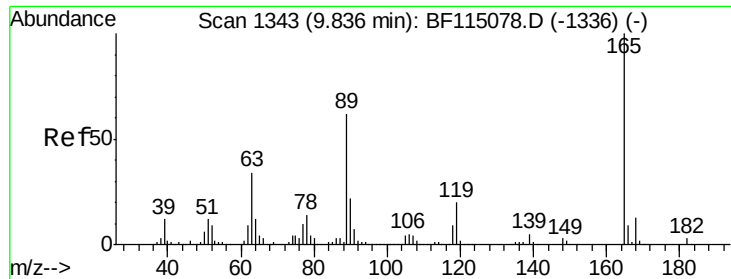
Abundance

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





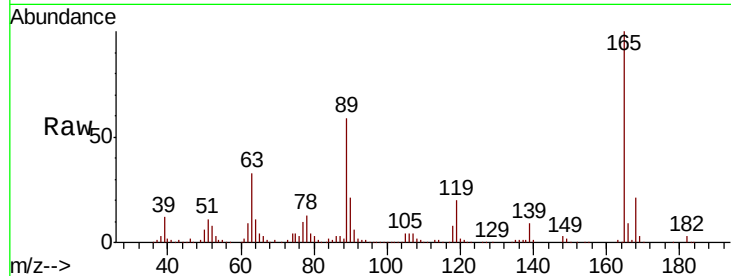
#57
2,4-Dinitrotoluene
Concen: 36.024 ng
RT: 9.82 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

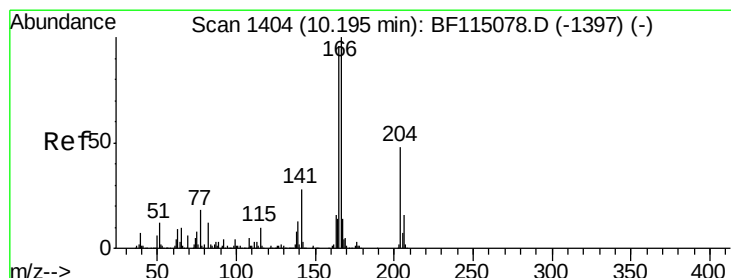
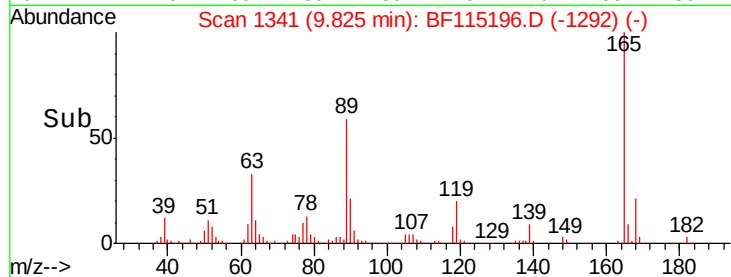
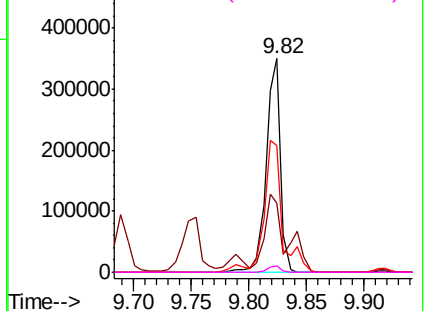
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		306115		
63	32.7	27.5	41.3		
89	59.3	49.9	74.9		
182	2.8	2.1	3.1		

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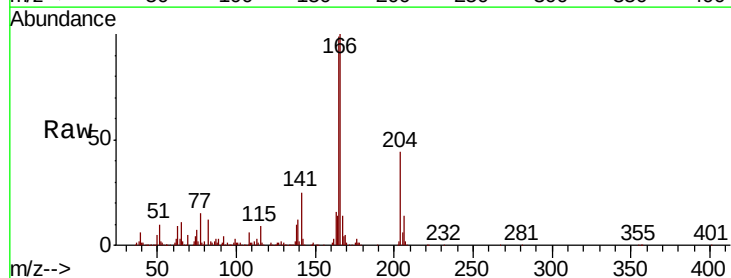


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

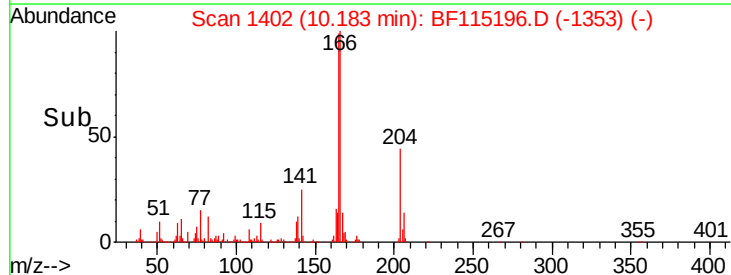
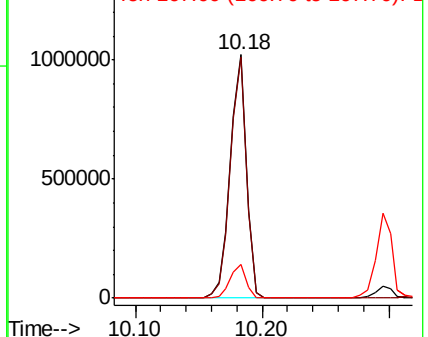


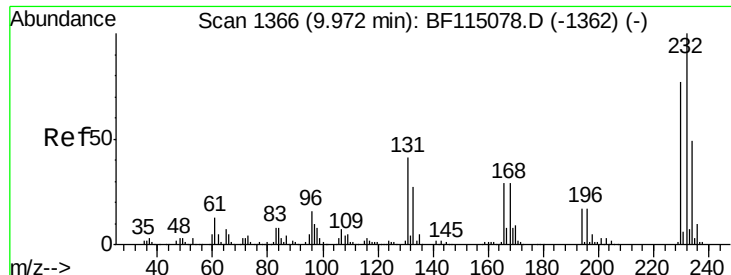
#58
Fluorene
Concen: 37.189 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		898061		
165	98.9	76.5	114.7		
167	13.8	11.0	16.4		



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





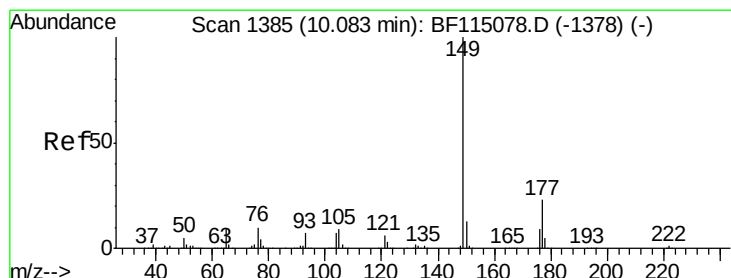
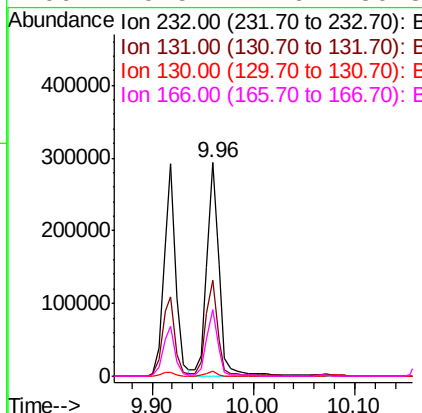
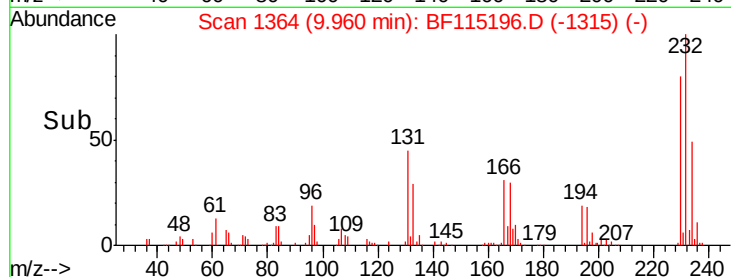
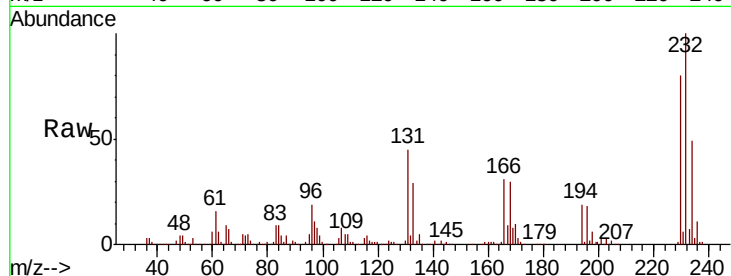
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.873 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF115196.D
 Acq: 25 Jun 2019 19:17

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-1MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.4	37.4	56.0
130	2.2	1.8	2.6
166	29.5	24.6	36.8

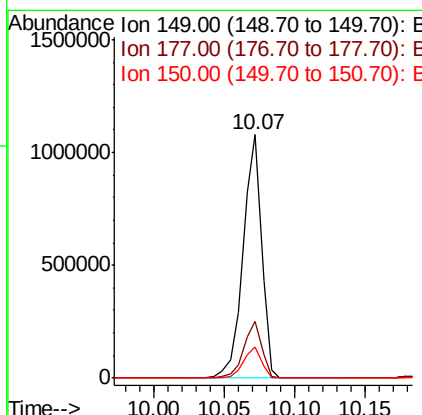
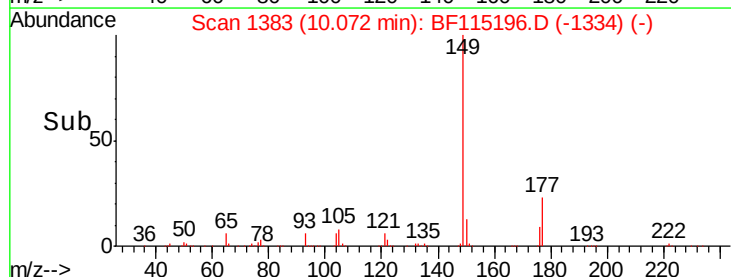
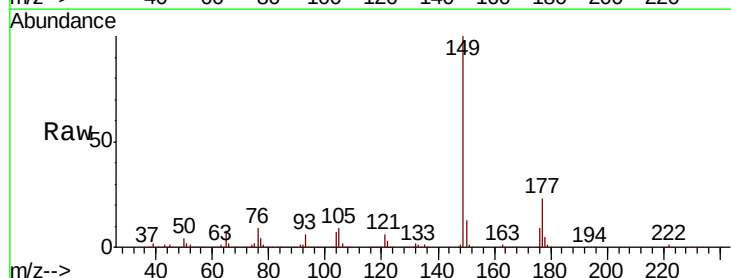
Manual Integrations
 APPROVED

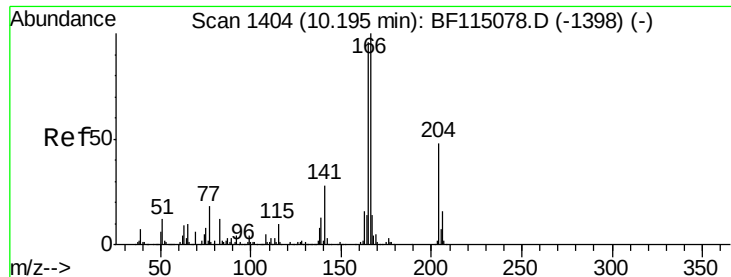
mohammad
 6/26/2019 2:03:38 PM



#60
 Diethylphthalate
 Concen: 34.326 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF115196.D
 Acq: 25 Jun 2019 19:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.7	28.1
150	12.7	10.4	15.6





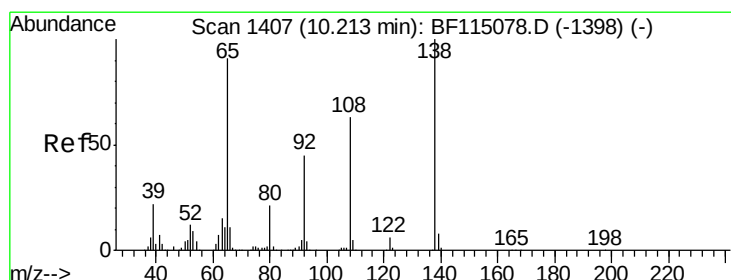
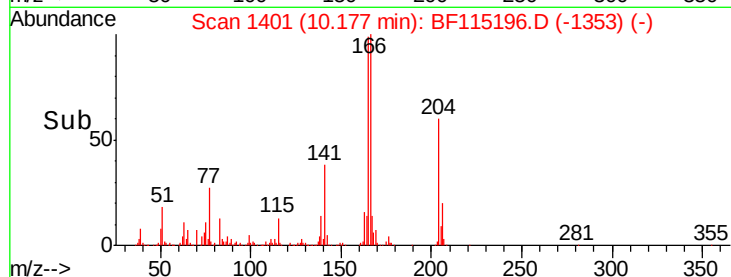
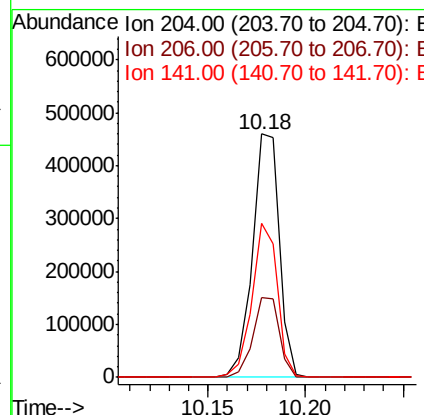
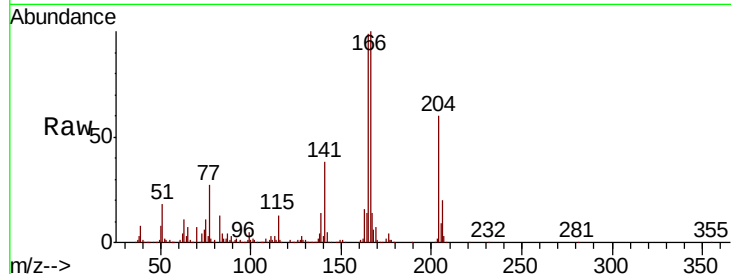
#61
4-Chlorophenyl-phenylether
Concen: 38.281 ng
RT: 10.18 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	40.0
141	63.1	46.7	70.1

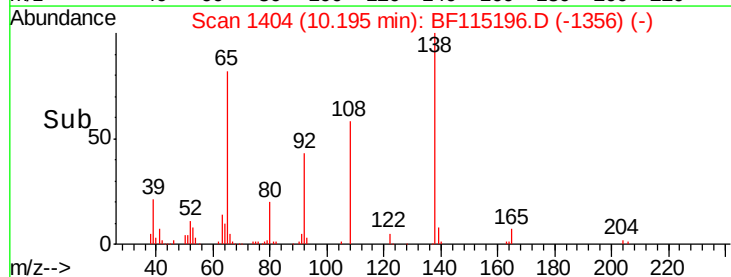
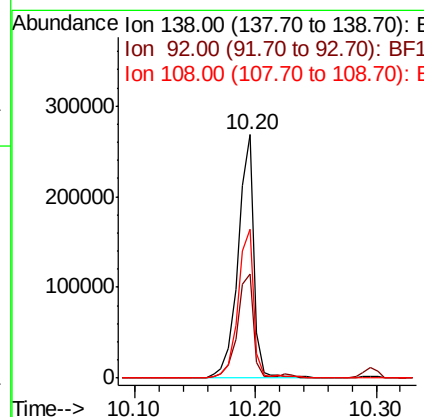
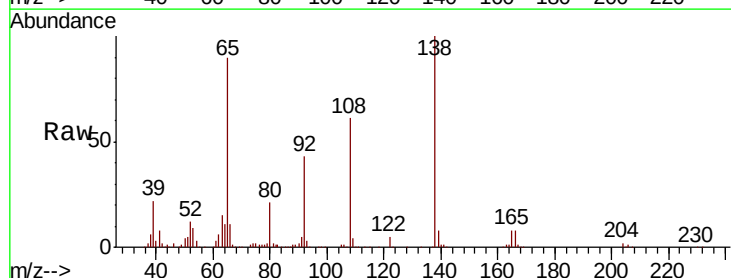
Manual Integrations
APPROVED

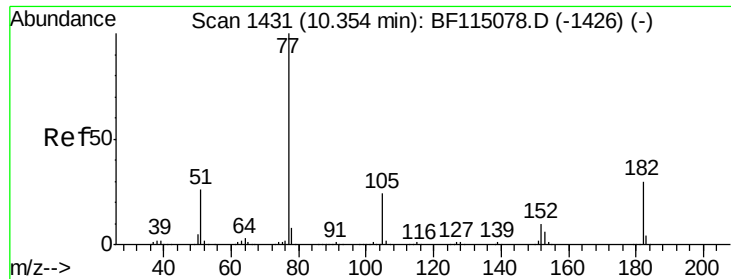
mohammad
6/26/2019 2:03:38 PM



#62
4-Nitroaniline
Concen: 30.671 ng
RT: 10.20 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.9	24.8	64.8
108	61.2	43.3	83.3





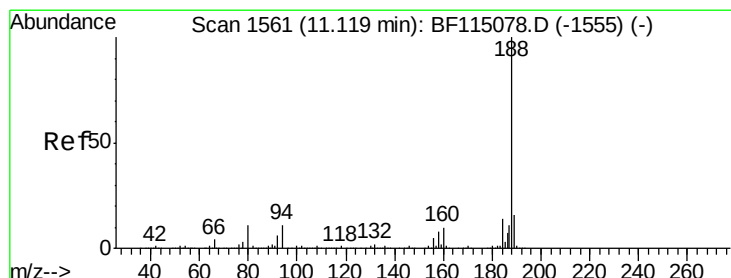
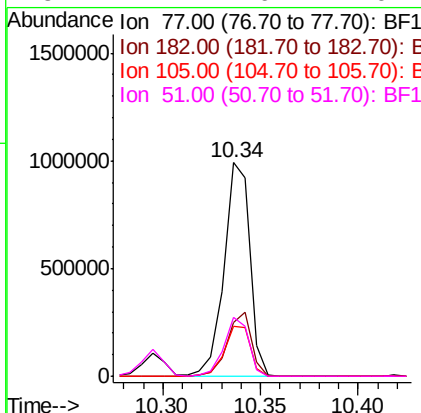
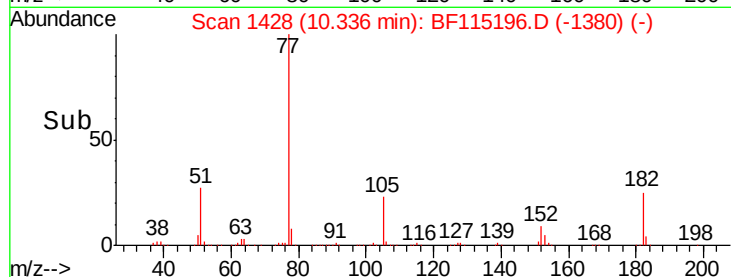
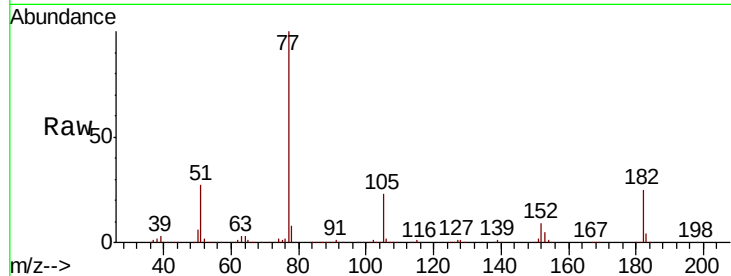
#63
Azobenzene
Concen: 33.877 ng
RT: 10.34 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	25.1	10.1	50.1		
105	23.3	4.5	44.5		
51	27.4	6.4	46.4		

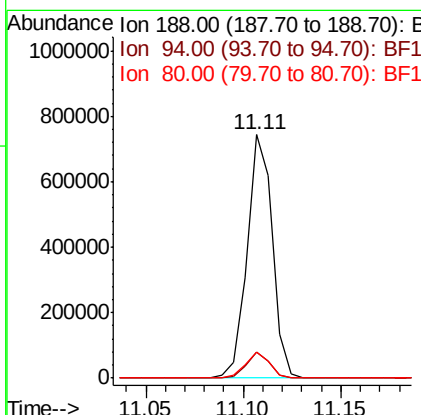
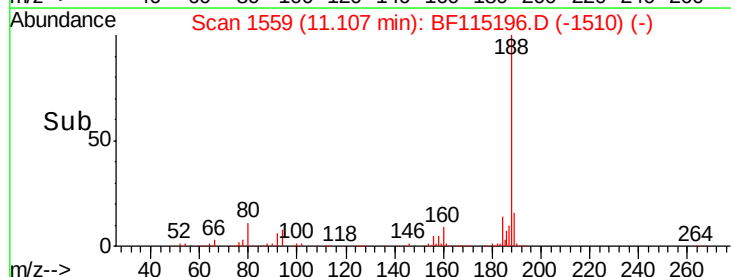
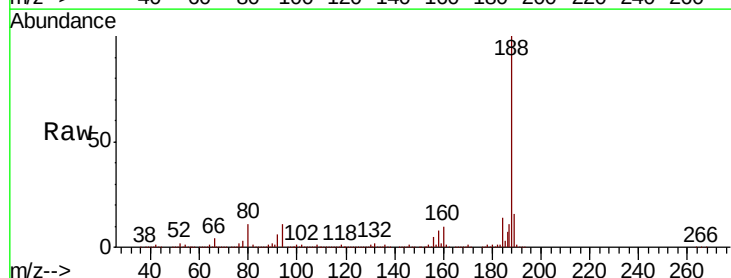
Manual Integrations
APPROVED

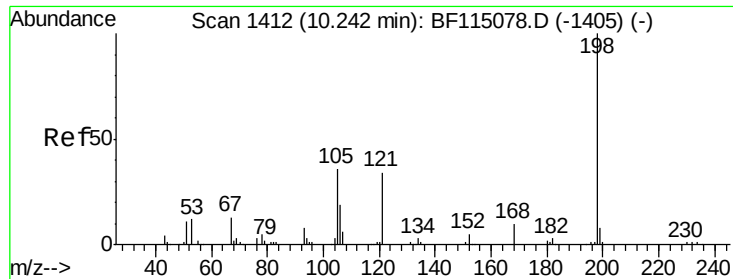
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.5	8.6	12.8		
80	10.9	8.8	13.2		





#65

4,6-Dinitro-2-methylphenol

Concen: 33.828 ng

RT: 10.22 min Scan# 1409

Delta R.T. -0.02 min

Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-1MS

Tot Ion:198 Resp: 113502

Ion Ratio Lower Upper

198 100

51 42.3 11.0 51.0

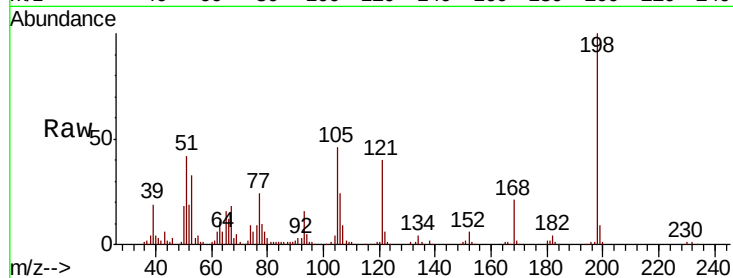
105 45.6 17.3 57.3

Manual Integrations

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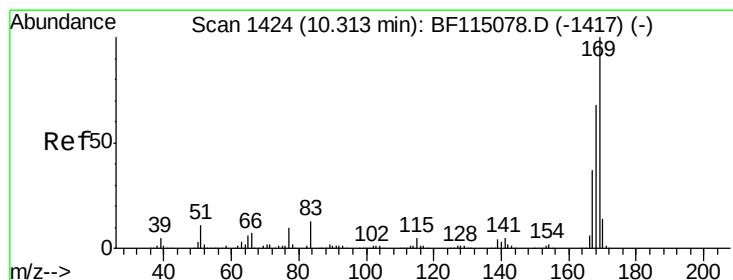
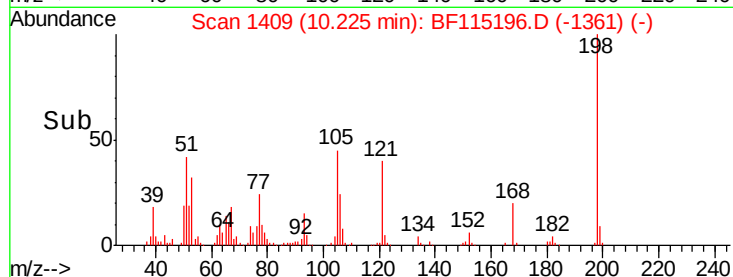
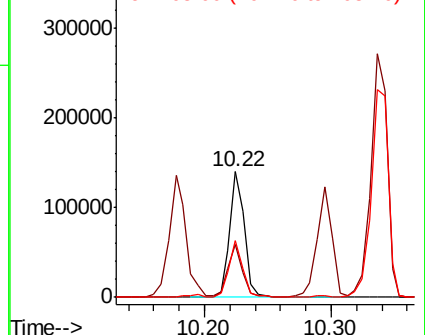
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.084 ng

RT: 10.30 min Scan# 1421

Delta R.T. -0.02 min

Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

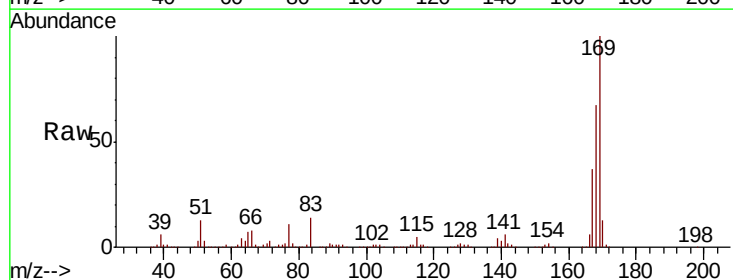
Tgt Ion:169 Resp: 827426

Ion Ratio Lower Upper

169 100

168 67.0 54.2 81.4

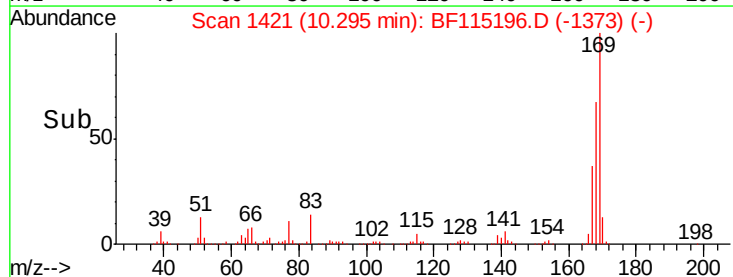
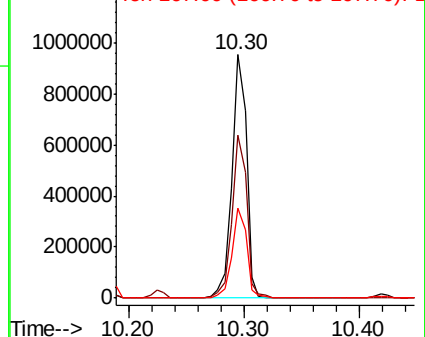
167 37.2 29.4 44.0

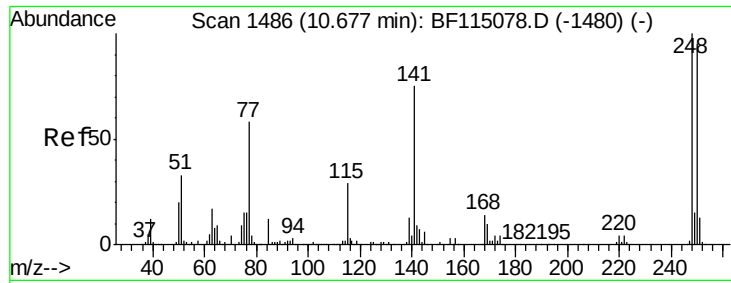


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





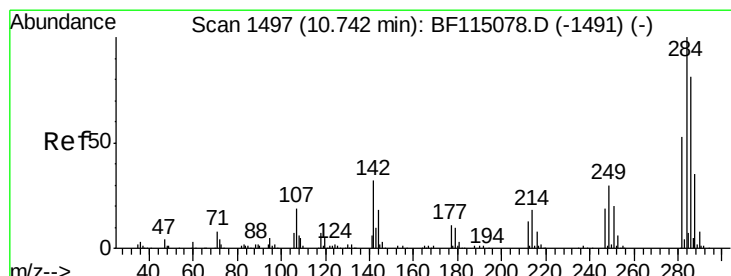
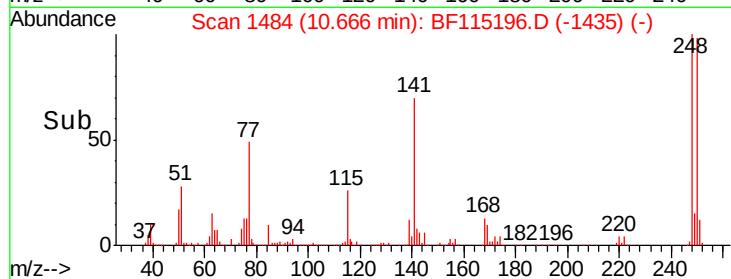
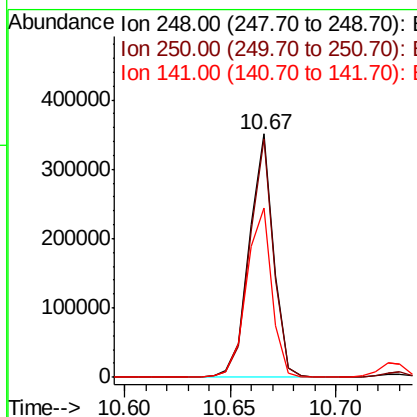
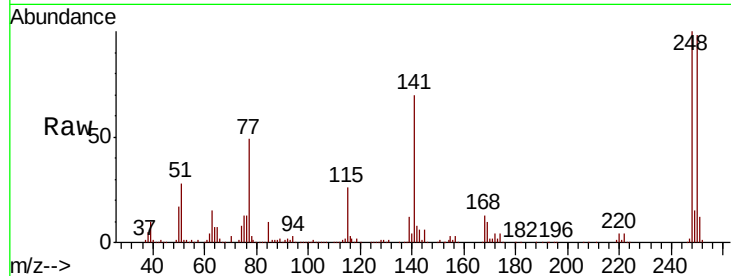
#67
 4-Bromophenyl-phenylether
 Concen: 39.023 ng
 RT: 10.67 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF115196.D
 Acq: 25 Jun 2019 19:17

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-1MS

Tot Ion:	248	Resp:	280323
Ion Ratio	Lower	Upper	
248	100		
250	98.1	76.2	114.2
141	69.6	59.6	89.4

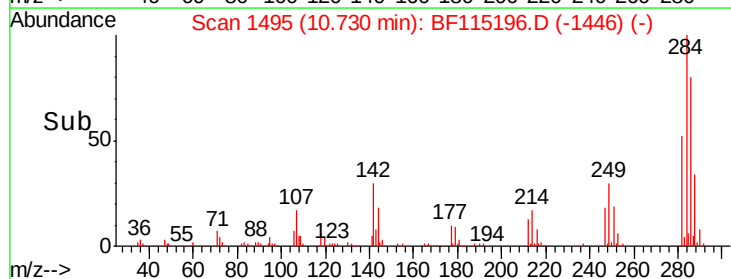
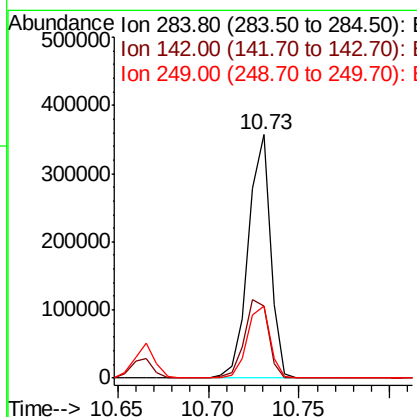
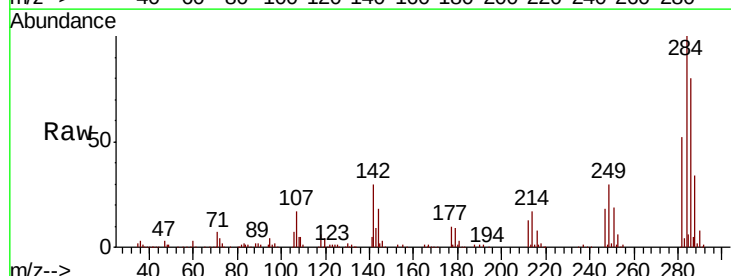
Manual Integrations
 APPROVED

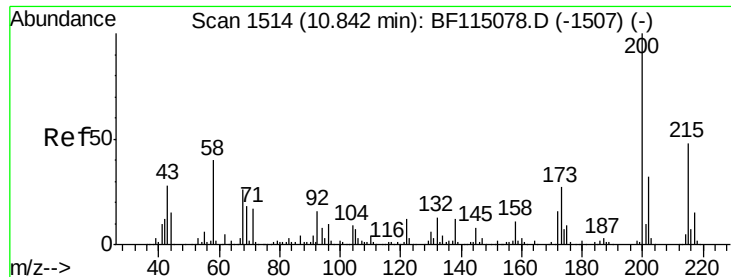
mohammad
 6/26/2019 2:03:38 PM



#68
 Hexachlorobenzene
 Concen: 38.950 ng
 RT: 10.73 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BF115196.D
 Acq: 25 Jun 2019 19:17

Tgt Ion:	284	Resp:	303704
Ion Ratio	Lower	Upper	
284	100		
142	29.7	25.8	38.8
249	29.7	24.2	36.4





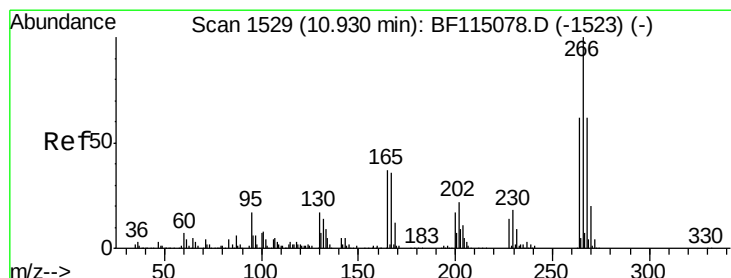
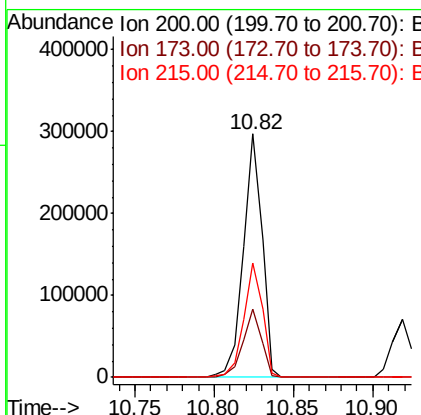
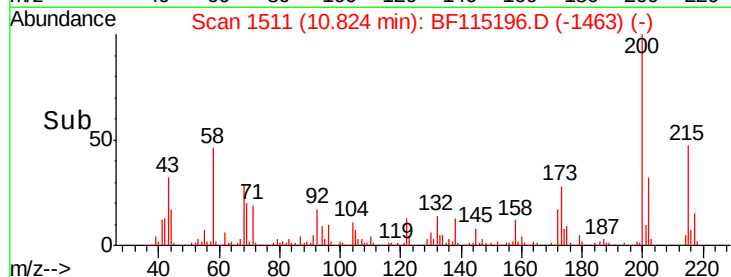
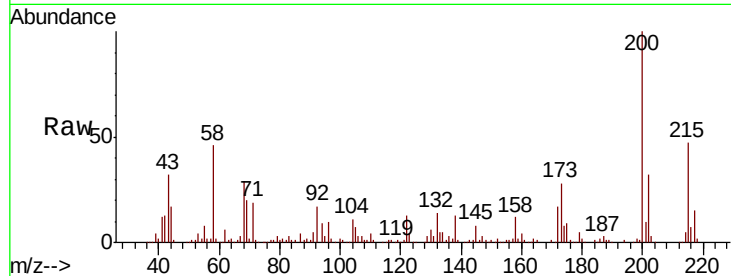
#69
Atrazine
Concen: 36.666 ng
RT: 10.82 min Scan# 1511
Delta R.T. -0.02 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	7.4	47.4
215	47.0	27.8	67.8

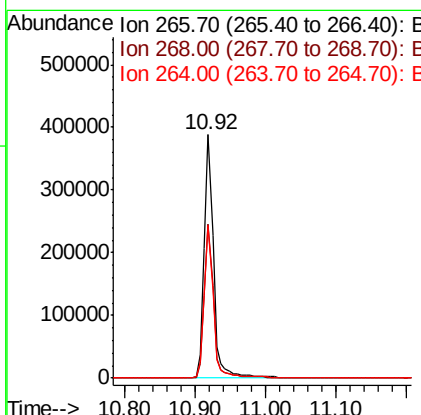
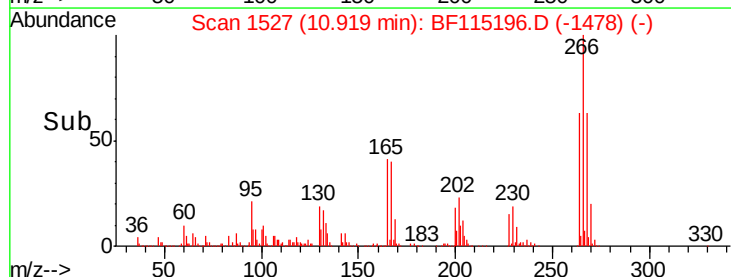
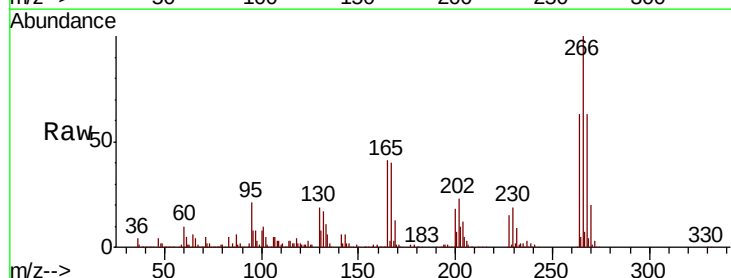
Manual Integrations
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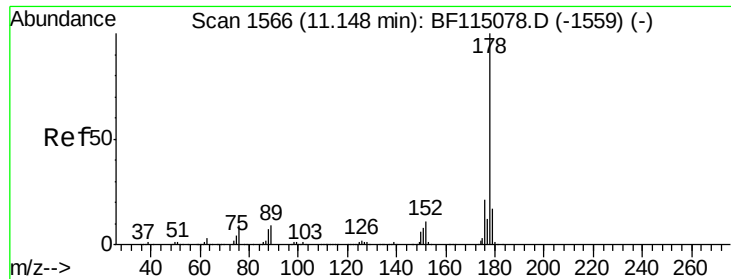
mohammad
6/26/2019 2:03:38 PM



#70
Pentachlorophenol
Concen: 72.677 ng
RT: 10.92 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	49.5	74.3
264	62.8	49.3	73.9





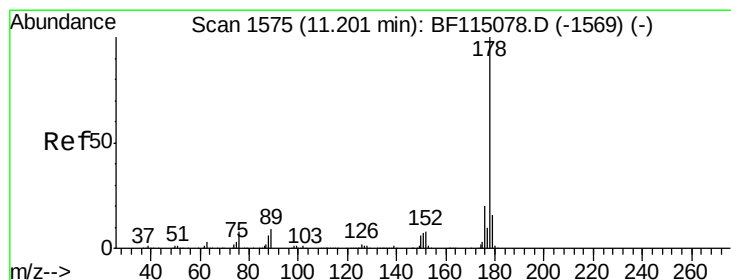
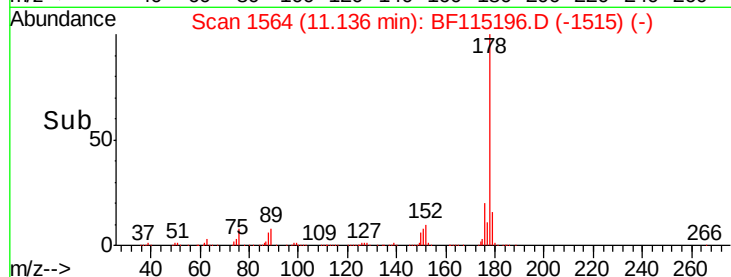
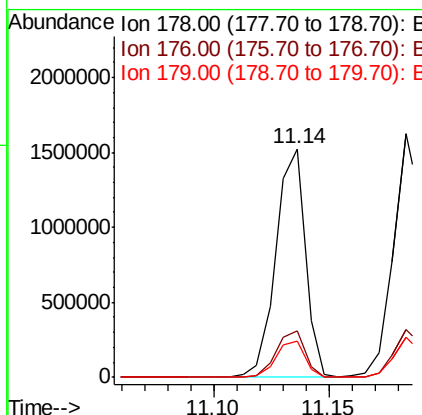
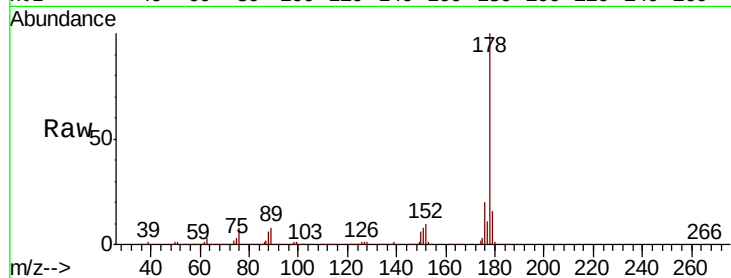
#71
Phenanthrene
Concen: 37.892 ng
RT: 11.14 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

Tot Ion:178 Resp: 1351742
Ion Ratio Lower Upper
178 100
176 20.4 16.9 25.3
179 16.0 13.2 19.8

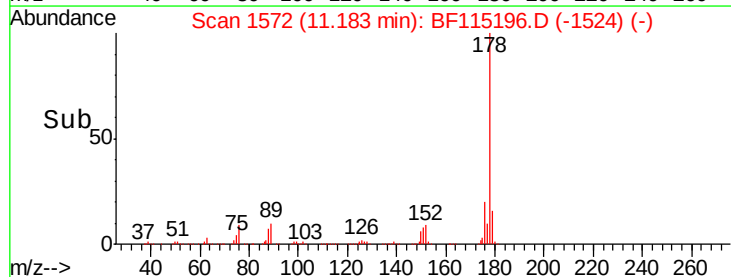
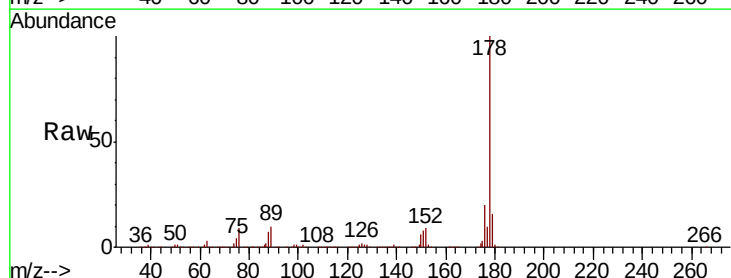
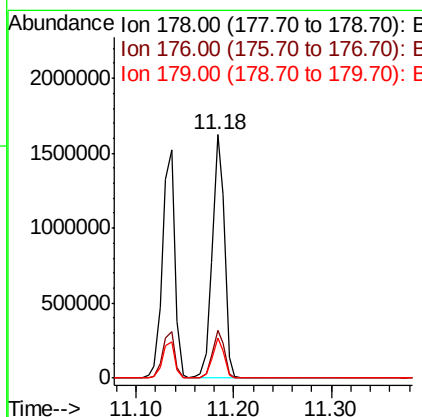
Manual Integrations
APPROVED

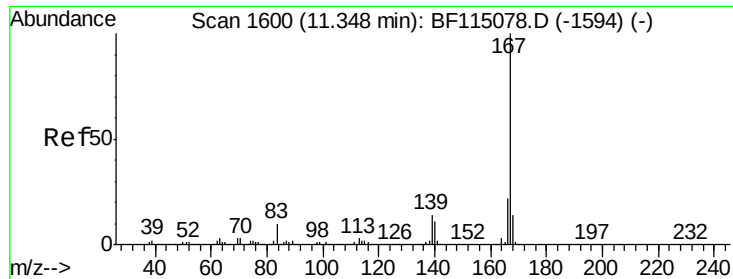
mohammad
6/26/2019 2:03:38 PM



#72
Anthracene
Concen: 39.094 ng
RT: 11.18 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Tgt Ion:178 Resp: 1407781
Ion Ratio Lower Upper
178 100
176 19.7 16.1 24.1
179 16.3 12.9 19.3





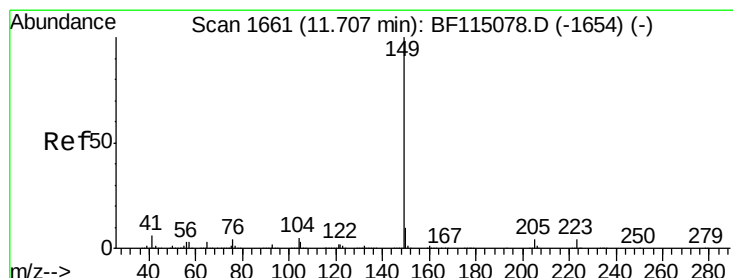
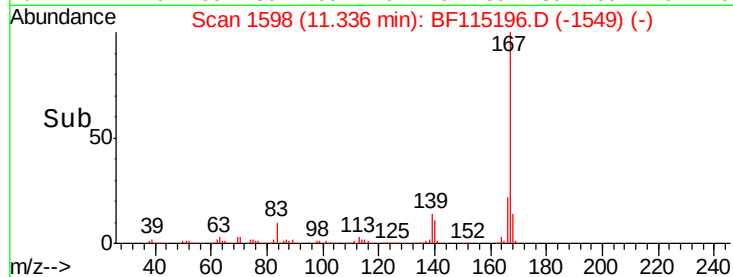
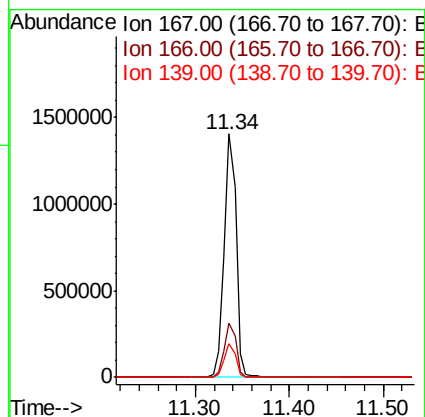
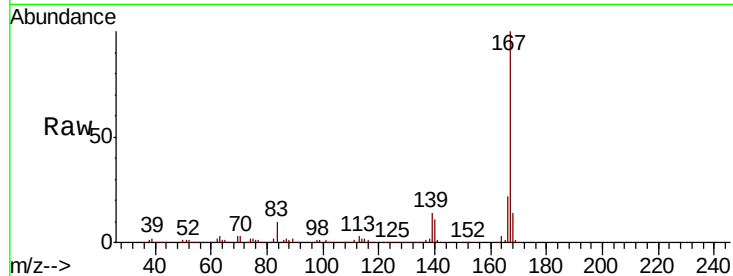
#73
 Carbazole
 Concen: 39.152 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF115196.D
 Acq: 25 Jun 2019 19:17

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-1MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.0	27.0
139	14.0	11.1	16.7

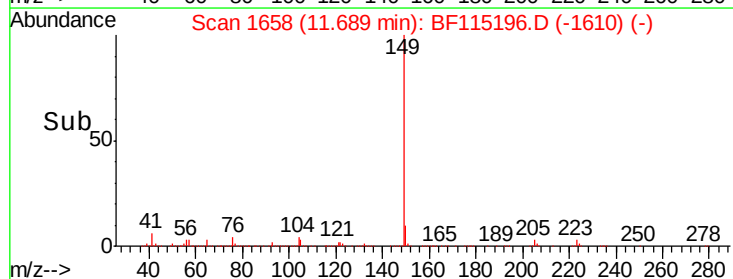
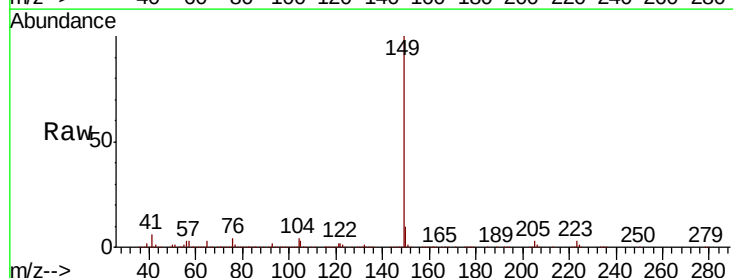
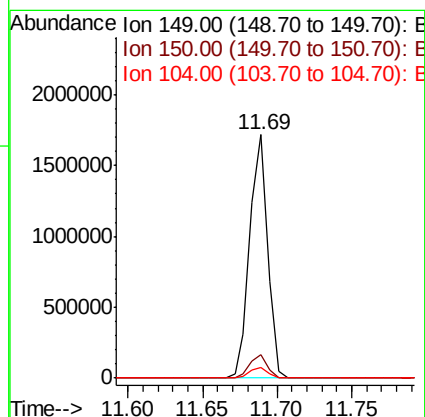
Manual Integrations
 APPROVED

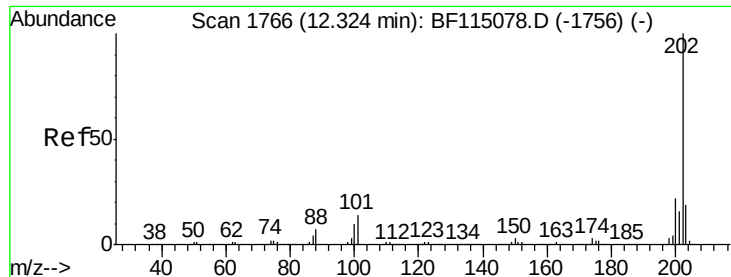
mohammad
 6/26/2019 2:03:38 PM



#74
 Di-n-butylphthalate
 Concen: 38.495 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115196.D
 Acq: 25 Jun 2019 19:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.8
104	4.5	3.7	5.5





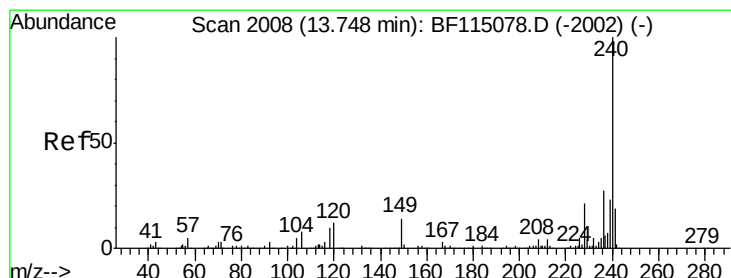
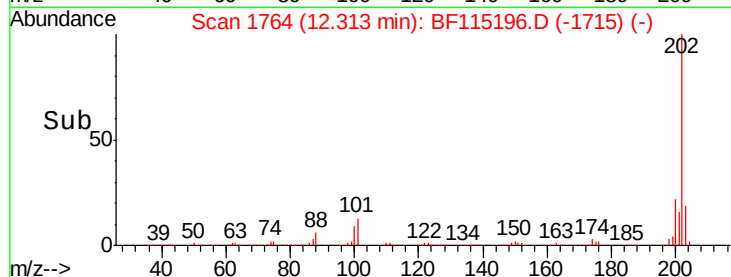
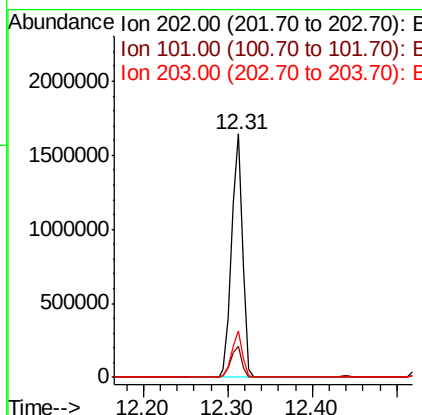
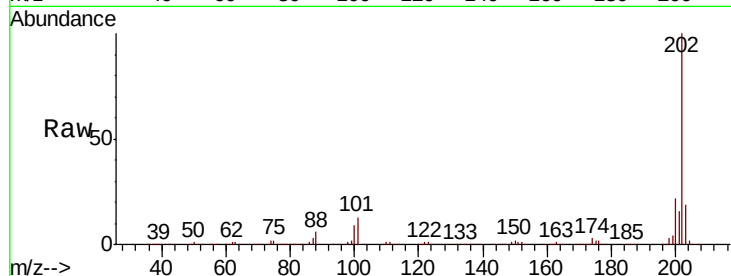
#75
 Fluoranthene
 Concen: 40.667 ng
 RT: 12.31 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BF115196.D
 Acq: 25 Jun 2019 19:17

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-1MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.0
203	18.9	0.0	38.8

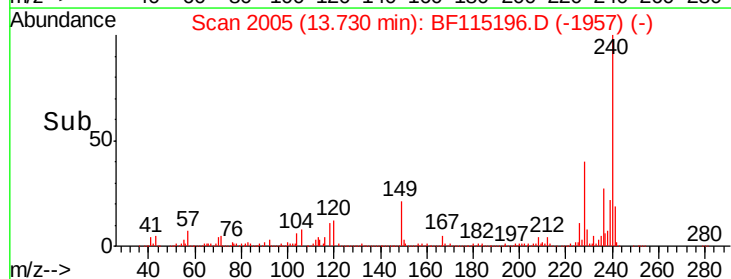
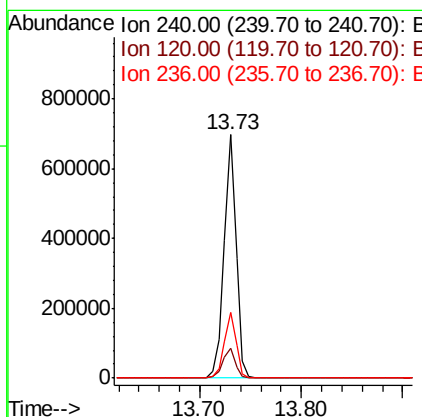
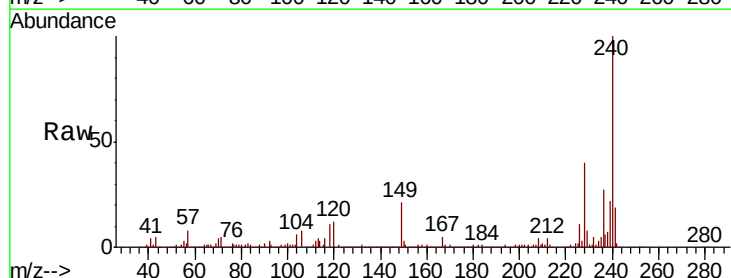
Manual Integrations
 APPROVED

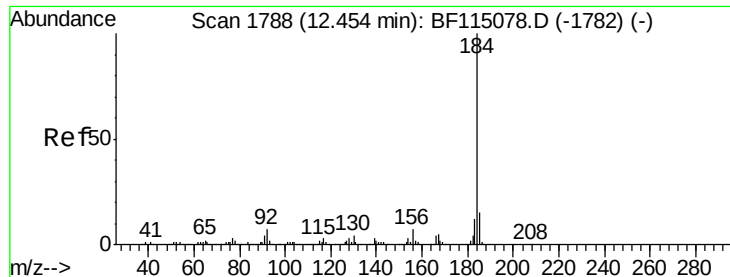
mohammad
 6/26/2019 2:03:38 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.73 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF115196.D
 Acq: 25 Jun 2019 19:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.4	14.2
236	27.2	21.7	32.5





#77

Benzidine

Concen: 22.240 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-1MS

Tot Ion:184 Resp: 569543

Ion Ratio Lower Upper

184 100

185 16.3 12.2 18.2

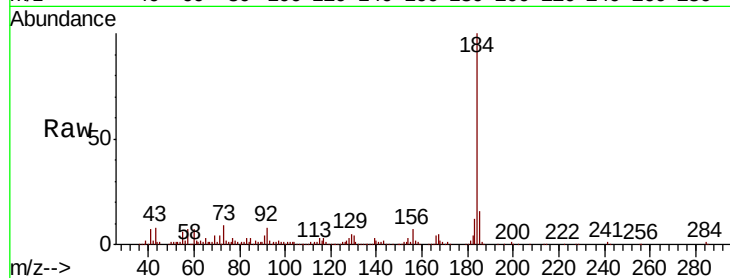
183 11.6 9.6 14.4

Manual Integrations

APPROVED

mohammad

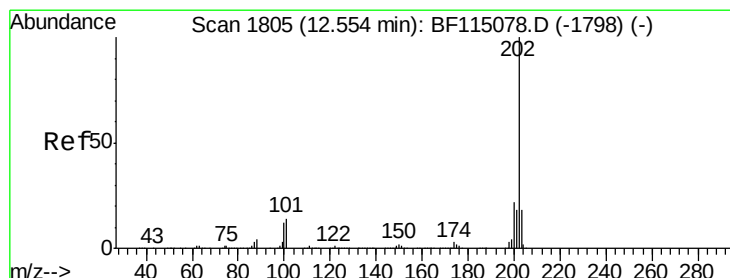
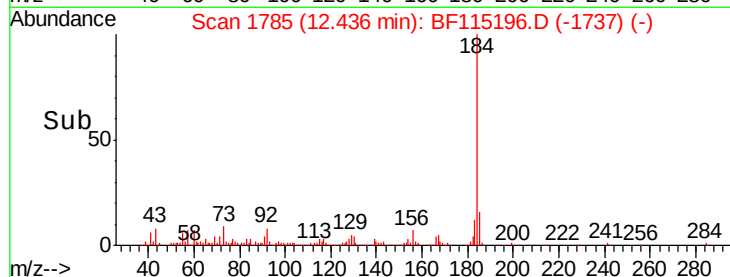
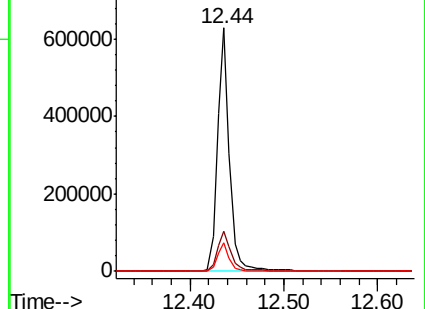
6/26/2019 2:03:38 PM



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: 34.137 ng

RT: 12.54 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

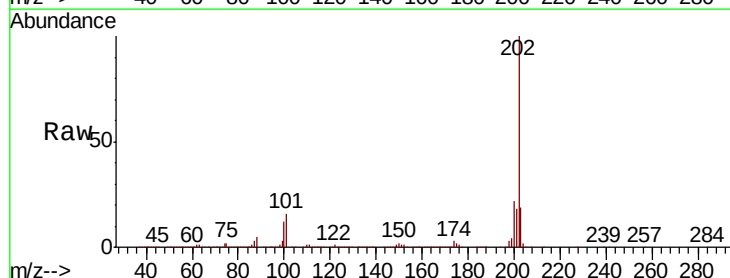
Tgt Ion:202 Resp: 1513040

Ion Ratio Lower Upper

202 100

200 22.3 17.9 26.9

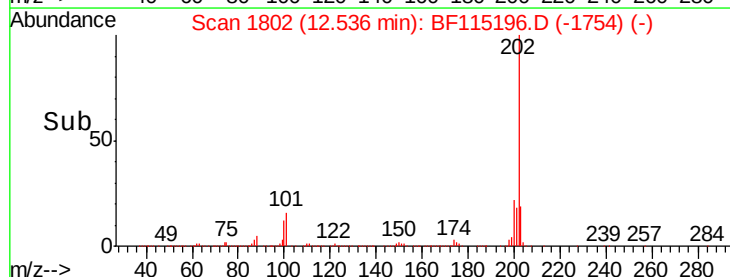
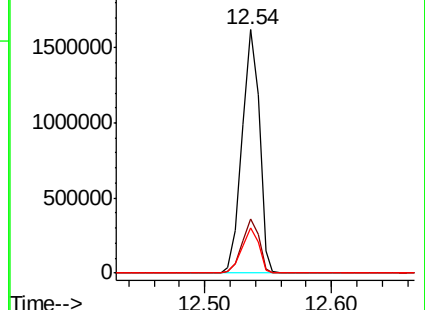
203 18.6 14.6 21.8

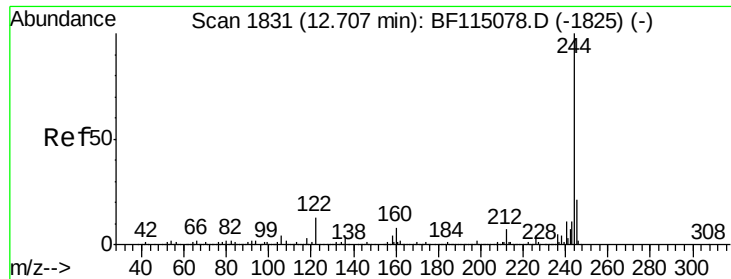


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





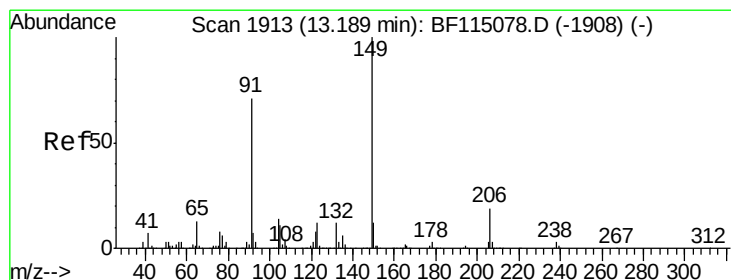
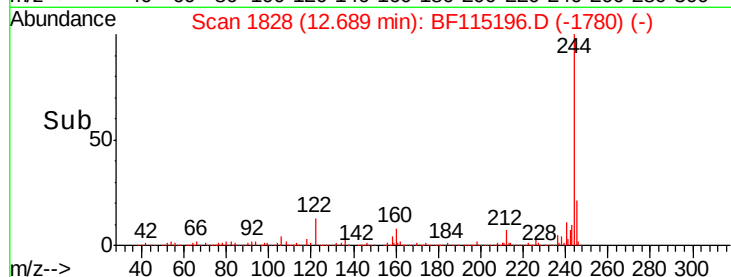
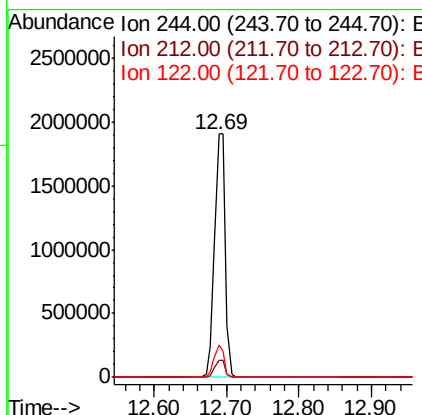
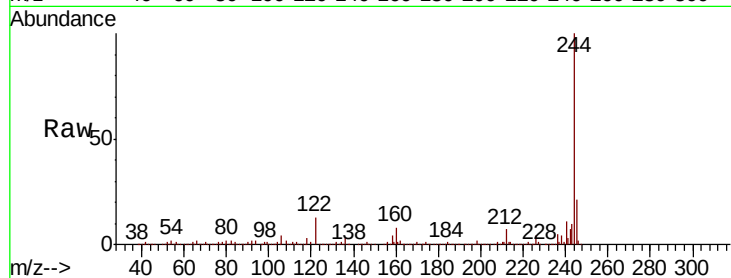
#79
 Terphenyl-d14
 Concen: 72.237 ng
 RT: 12.69 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BF115196.D
 Acq: 25 Jun 2019 19:17

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-1MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	13.1	10.4	15.6

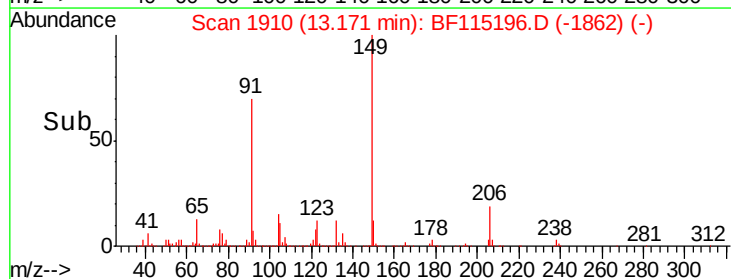
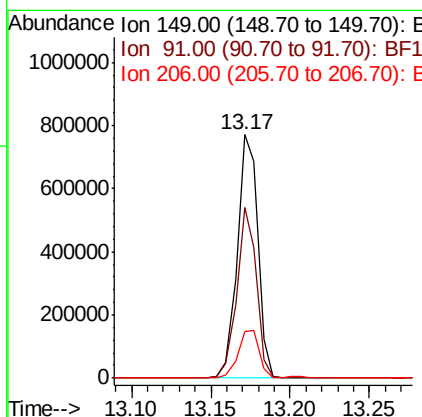
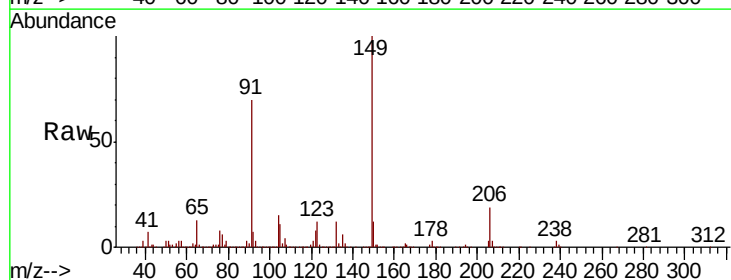
Manual Integrations
 APPROVED

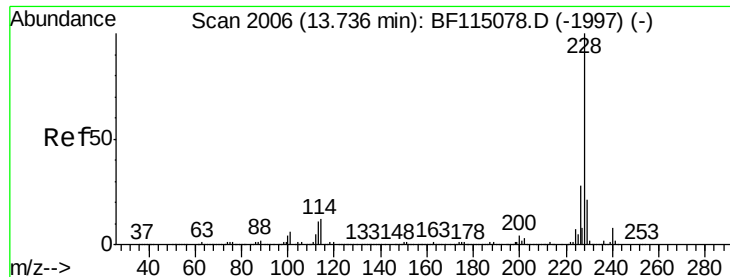
mohammad
 6/26/2019 2:03:38 PM



#80
 Butylbenzylphthalate
 Concen: 35.421 ng
 RT: 13.17 min Scan# 1910
 Delta R.T. -0.02 min
 Lab File: BF115196.D
 Acq: 25 Jun 2019 19:17

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.2	56.5	84.7
206	19.0	15.3	22.9





#81

Benzo(a)anthracene

Concen: 36.263 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

Instrument :

BNA_F

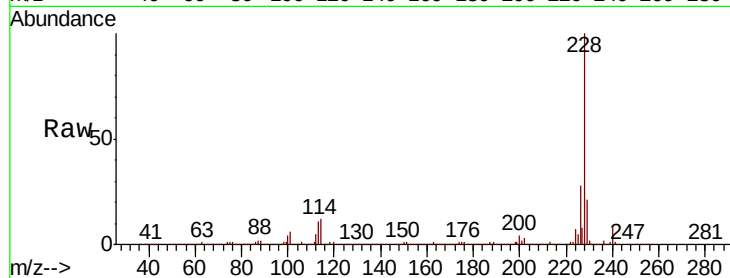
ClientSampleId :

SIDEWALL-1MS

Tot Ion:	228	Resp:	1500644
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.5	33.7
229	20.7	16.6	24.8

Manual Integrations
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6/26/2019 2:03:38 PM

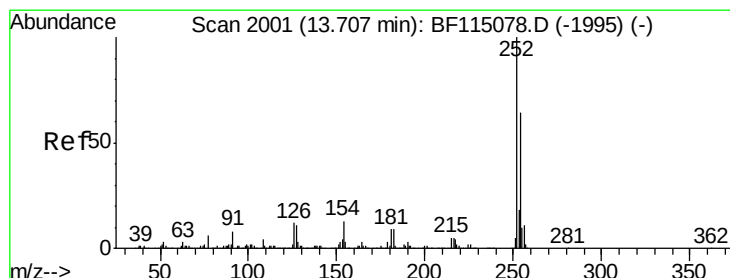
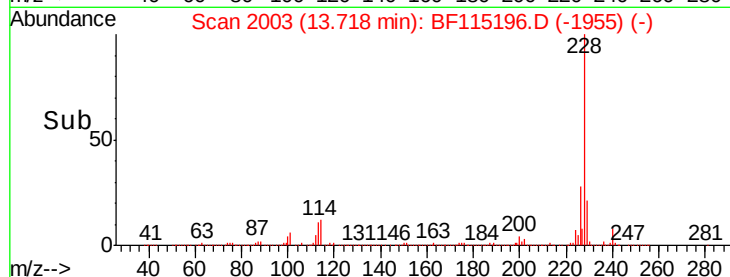
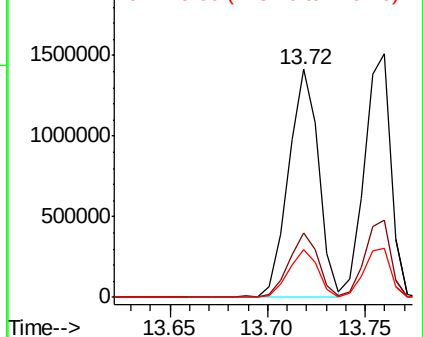


Abundance

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: 24.408 ng

RT: 13.69 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

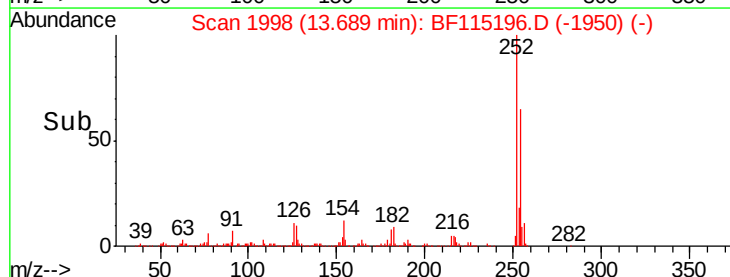
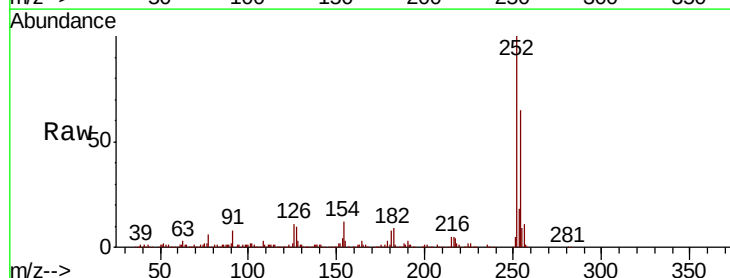
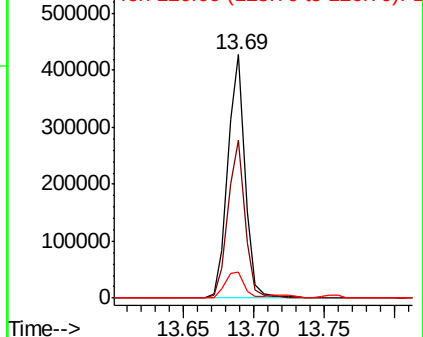
Tgt Ion:	252	Resp:	364754
Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.1	76.7
126	10.6	9.4	14.0

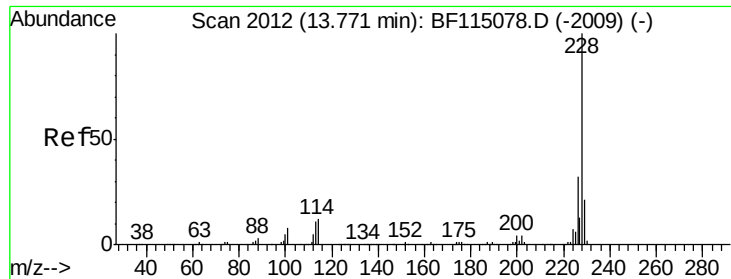
Abundance

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





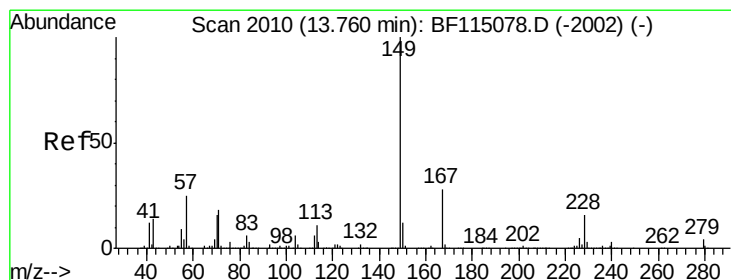
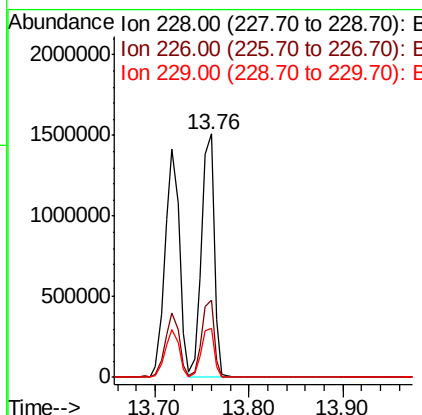
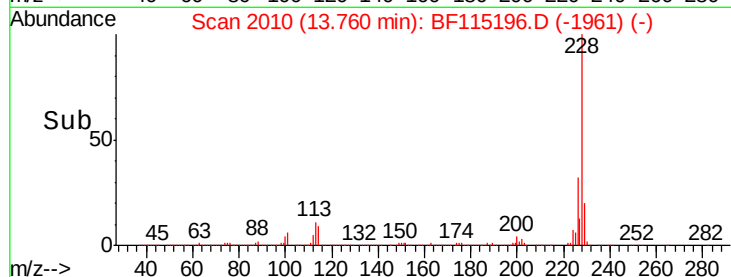
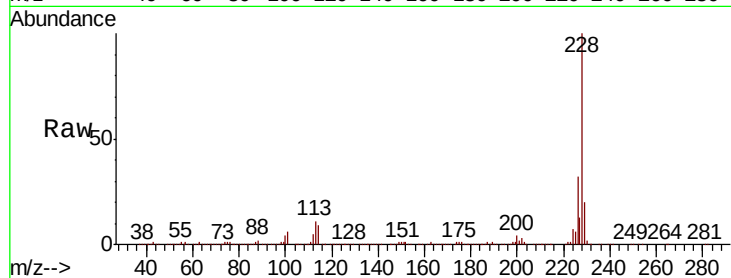
#83
Chrysene
Concen: 37.535 ng
RT: 13.76 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.4	16.5	24.7

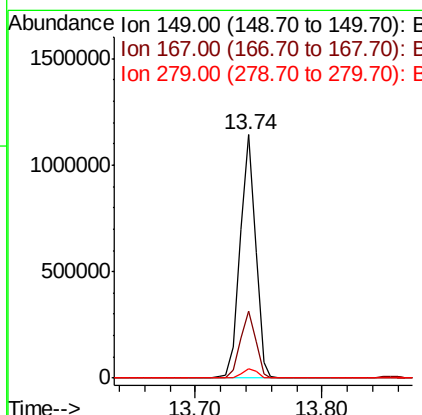
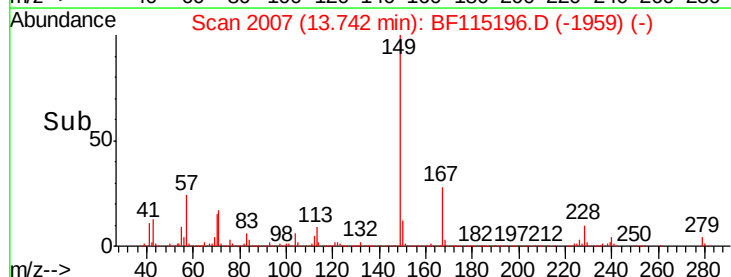
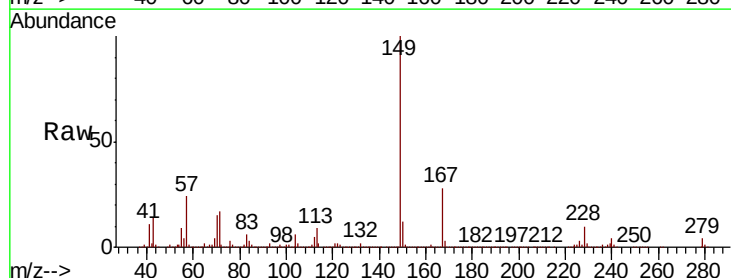
Manual Integrations
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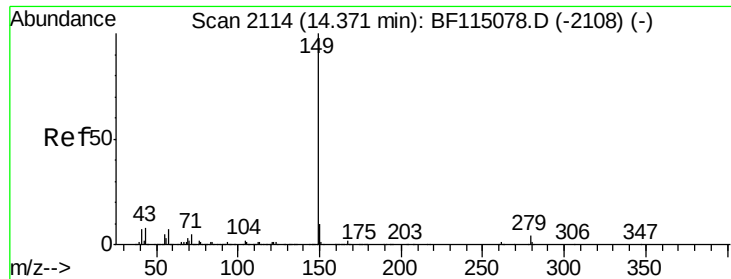
mohammad
6/26/2019 2:03:38 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.019 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.4
279	4.1	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 39.813 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-1MS

Tot Ion:149 Resp: 1714444

Ion Ratio Lower Upper

149 100

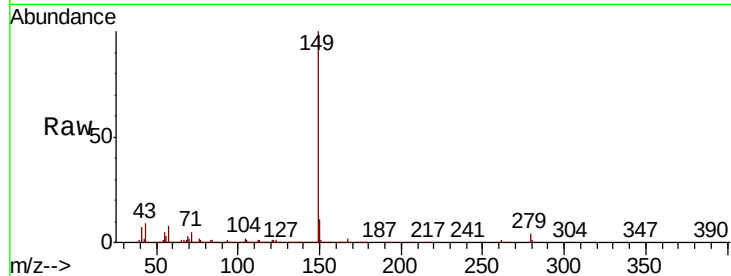
167 1.7 1.2 1.8

43 8.5 7.0 10.6

Manual Integrations
APPROVED

mohammad

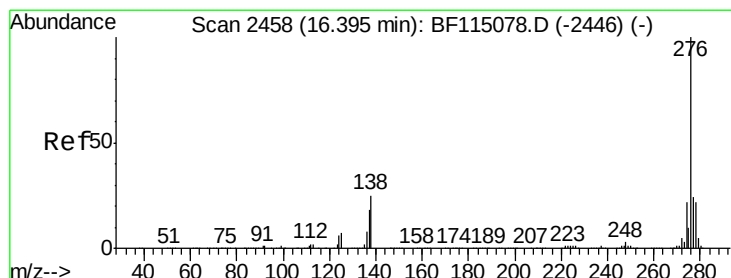
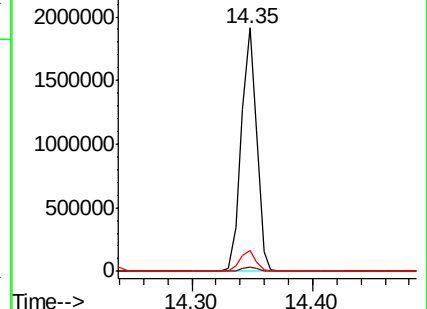
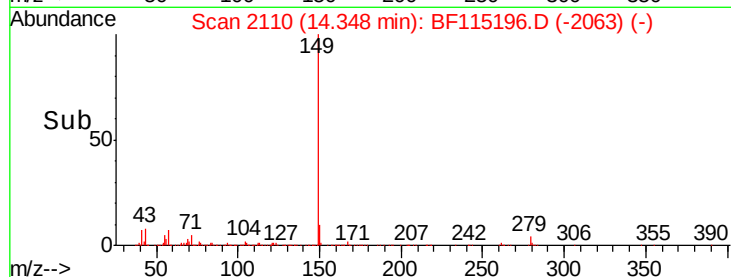
6/26/2019 2:03:38 PM



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: 37.025 ng

RT: 16.37 min Scan# 2453

Delta R.T. -0.03 min

Lab File: BF115196.D

Acq: 25 Jun 2019 19:17

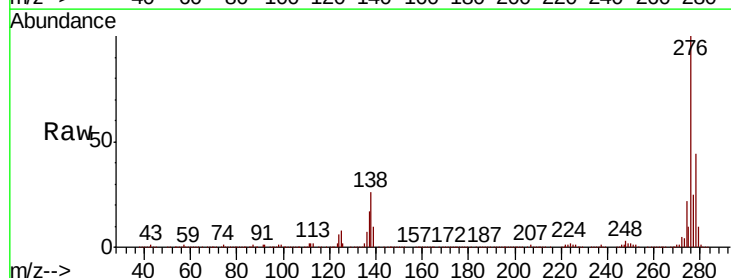
Tgt Ion:276 Resp: 1660795

Ion Ratio Lower Upper

276 100

138 28.1 23.2 34.8

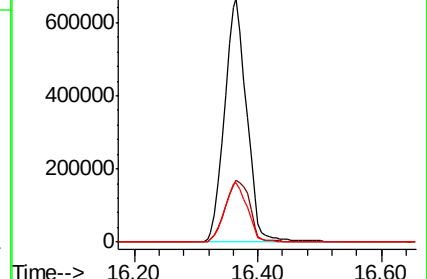
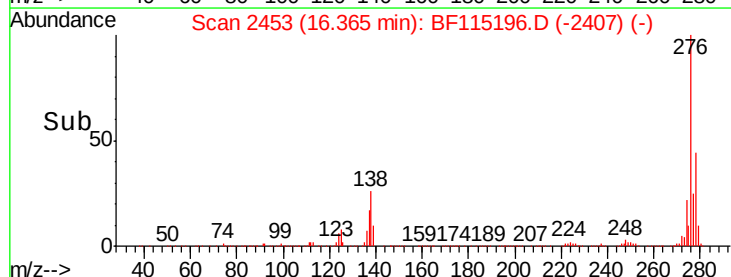
277 25.4 20.1 30.1

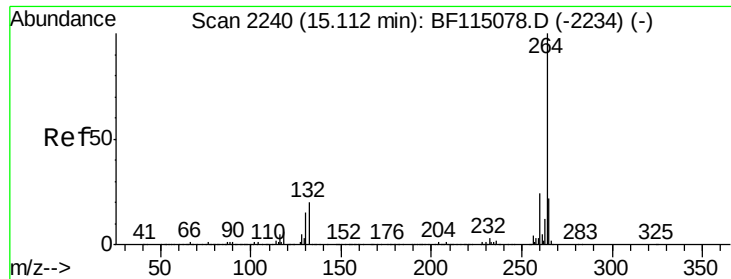


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





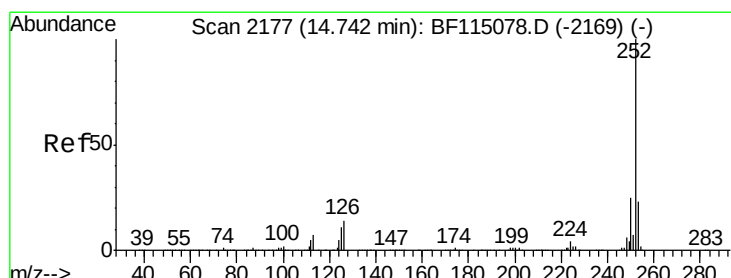
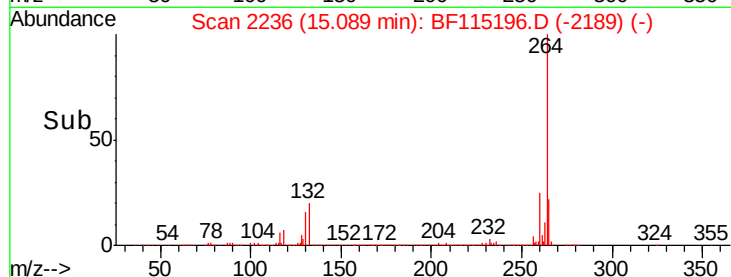
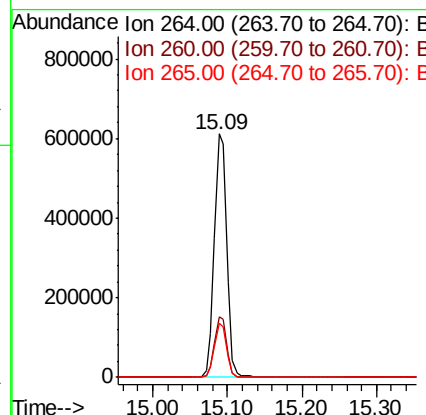
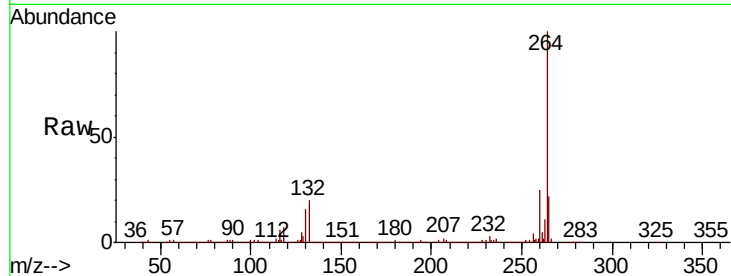
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	25.0	19.6	29.4	
265	22.1	17.3	25.9	

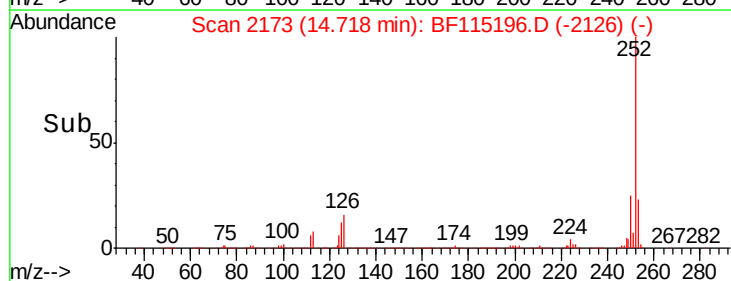
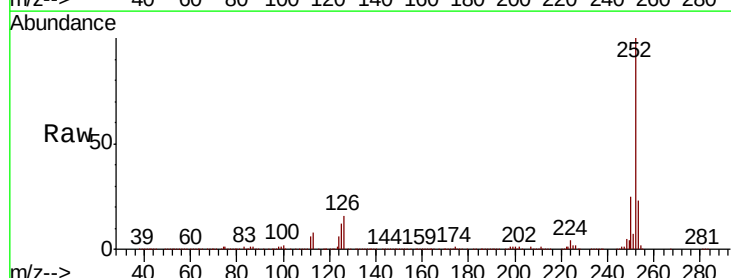
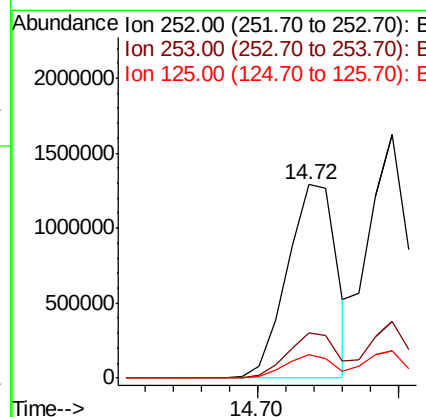
Manual Integrations
APPROVED

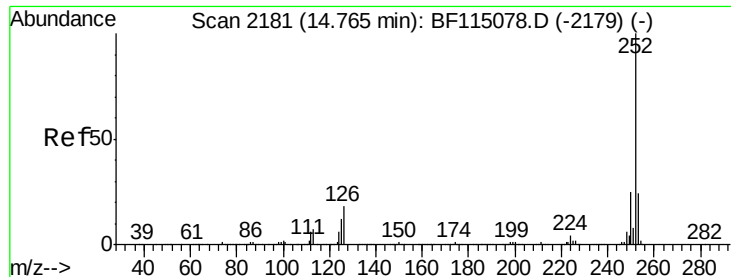
mohammad
6/26/2019 2:03:38 PM



#88
Benzo(b)fluoranthene
Concen: 35.668 ng
RT: 14.72 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	23.2	18.1	27.1	
125	12.0	8.7	13.1	





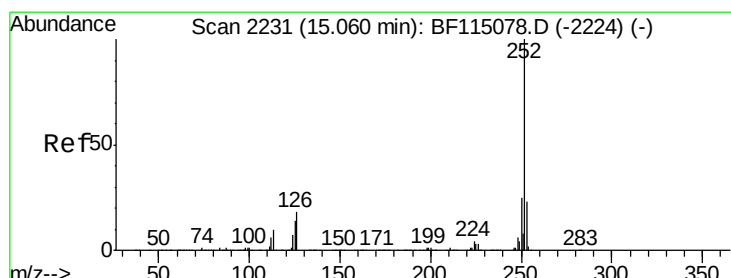
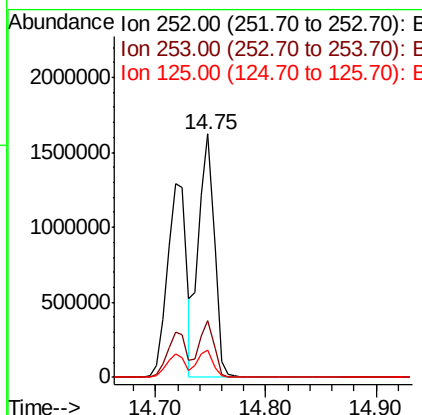
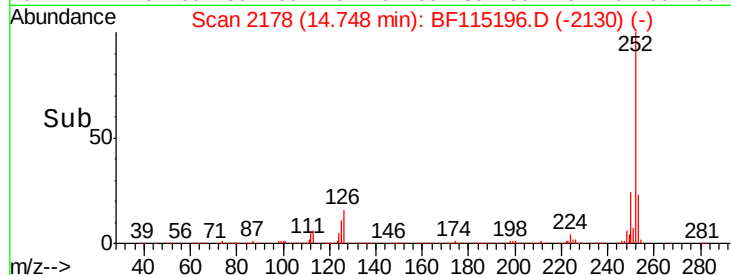
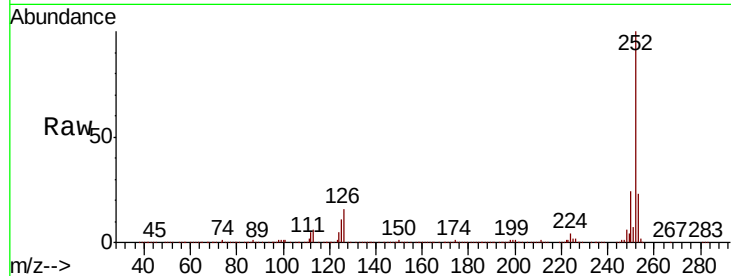
#89
Benzo(k)fluoranthene
Concen: 39.629 ng
RT: 14.75 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.9	28.3
125	11.0	10.2	15.2

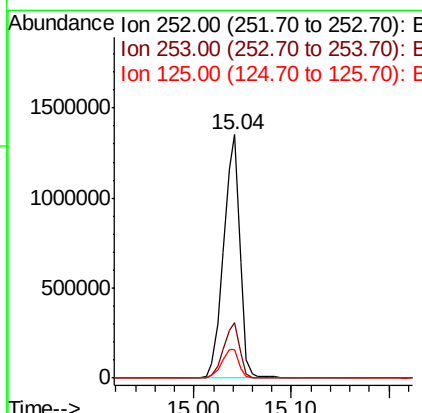
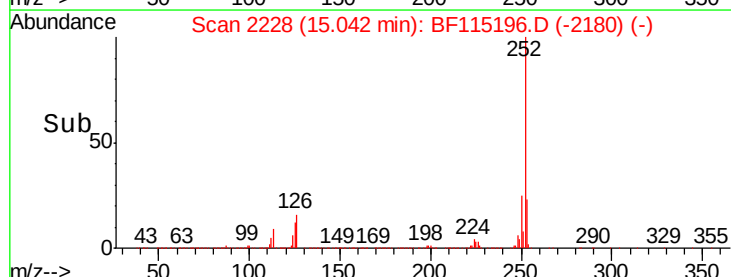
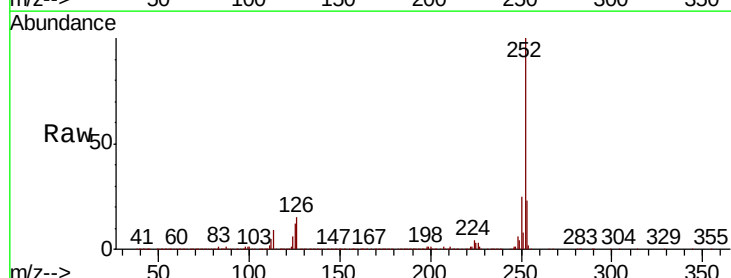
Manual Integrations
APPROVED

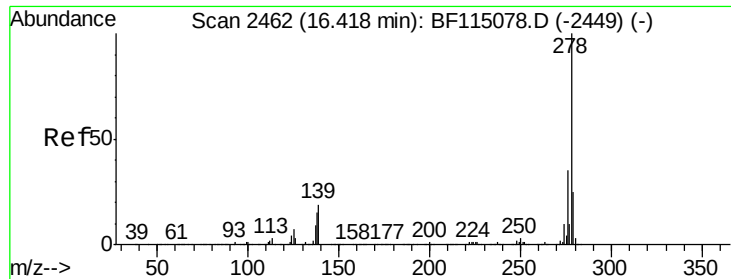
mohammad
6/26/2019 2:03:38 PM



#90
Benzo(a)pyrene
Concen: 39.348 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	11.7	10.9	16.3





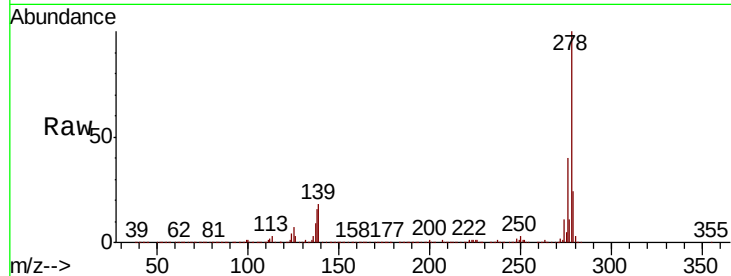
#91
Dibenzo(a,h)anthracene
Concen: 37.577 ng
RT: 16.38 min Scan# 2456
Delta R.T. -0.04 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.4	23.2
279	24.2	19.9	29.9

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:38 PM

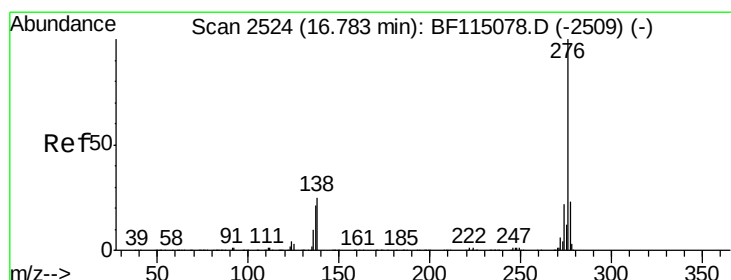
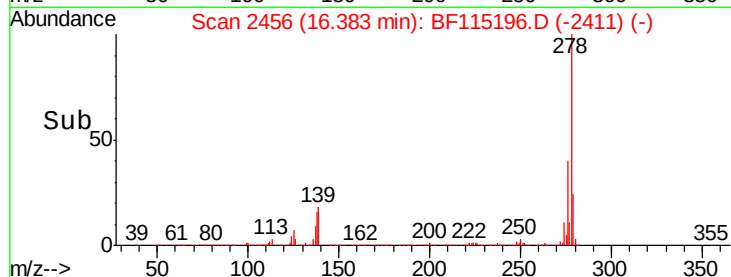
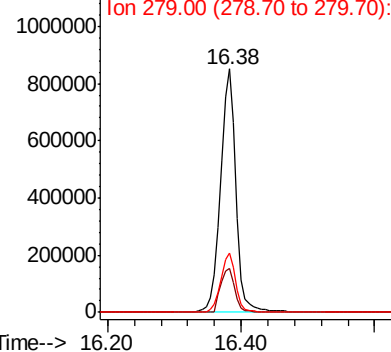


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 35.182 ng
RT: 16.74 min Scan# 2517
Delta R.T. -0.04 min
Lab File: BF115196.D
Acq: 25 Jun 2019 19:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	24.1	19.8	29.6

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

