

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
 Data File : BF115268.D
 Acq On : 28 Jun 2019 9:10
 Operator : HP/JU
 Sample : PB120890BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BS

Manual Integrations
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mohammad
 7/1/2019 3:05:29 PM

Quant Time: Jun 29 04:11:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	211223	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	819264	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	404684	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	782171	20.00	ng	0.00
76) Chrysene-d12	13.72	240	557936	20.00	ng	0.00
87) Perylene-d12	15.09	264	691456	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1555765	113.66	ng	0.02
7) Phenol-d6	6.25	99	1871725	112.66	ng	0.01
23) Nitrobenzene-d5	7.17	82	1096202	82.31	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	568565	133.23	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2175694	91.32	ng	0.00
79) Terphenyl-d14	12.68	244	2328242	88.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	255320	39.524	ng	99
3) Pyridine	2.90	79	655185	35.985	ng	96
4) n-Nitrosodimethylamine	2.84	42	259740	36.390	ng	94
6) Aniline	6.26	93	640175	28.037	ng	# 22
8) 2-Chlorophenol	6.39	128	635253	41.274	ng	96
9) Benzaldehyde	6.14	77	366265	33.792	ng	96
10) Phenol	6.26	94	733888	37.712	ng	90
11) bis(2-Chloroethyl)ether	6.34	93	578589	40.334	ng	100
12) 1,3-Dichlorobenzene	6.54	146	691596	40.489	ng	99
13) 1,4-Dichlorobenzene	6.62	146	707187	41.287	ng	99
14) 1,2-Dichlorobenzene	6.77	146	650516	41.011	ng	99
15) Benzyl Alcohol	6.75	79	488365	40.369	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.88	45	817349	39.285	ng	99
17) 2-Methylphenol	6.87	107	529794	41.703	ng	98
18) Hexachloroethane	7.11	117	248528	40.247	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	400655	37.669	ng	99
20) 3+4-Methylphenols	7.02	107	620023	42.267	ng	# 87
22) Acetophenone	7.01	105	840732	44.826	ng	# 97
24) Nitrobenzene	7.18	77	637956	43.481	ng	97
25) Isophorone	7.42	82	1159510	42.500	ng	99
26) 2-Nitrophenol	7.50	139	358405	49.464	ng	98
27) 2,4-Dimethylphenol	7.55	122	594278	50.093	ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	745222	43.217	ng	99
29) 2,4-Dichlorophenol	7.74	162	557453	45.532	ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	603592	44.633	ng	100
31) Naphthalene	7.91	128	1817232	45.187	ng	99
32) Benzoic acid	7.68	122	410819	48.513	ng	98
33) 4-Chloroaniline	7.95	127	481482	26.197	ng	99
34) Hexachlorobutadiene	8.03	225	329000	44.394	ng	100
35) Caprolactam	8.32	113	180040m	43.739	ng	
36) 4-Chloro-3-methylphenol	8.44	107	555183	44.777	ng	98
37) 2-Methylnaphthalene	8.60	142	1239492	45.712	ng	99
38) 1-Methylnaphthalene	8.70	142	1162350	44.883	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	525740	45.974	ng	99

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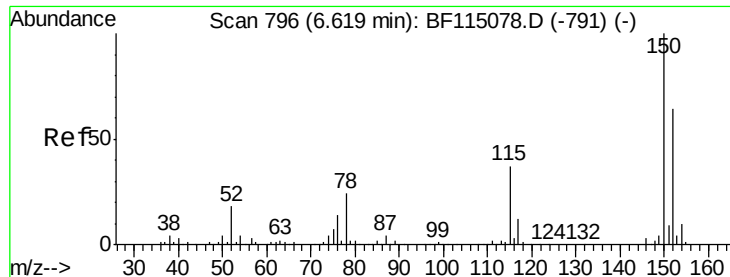
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	659979	97.329	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	402843	45.629	ng	99
44) 2,4,5-Trichlorophenol	8.91	196	424528	46.693	ng	98
46) 1,1'-Biphenyl	9.06	154	1458770	45.051	ng	99
47) 2-Chloronaphthalene	9.08	162	1165853	44.387	ng	97
48) 2-Nitroaniline	9.17	65	328352	42.880	ng	96
49) Acenaphthylene	9.49	152	1828980	44.694	ng	99
50) Dimethylphthalate	9.37	163	1317243	44.242	ng	99
51) 2,6-Dinitrotoluene	9.42	165	311708	45.348	ng	96
52) Acenaphthene	9.67	154	1058145	41.322	ng	99
53) 3-Nitroaniline	9.58	138	241837	28.830	ng	97
54) 2,4-Dinitrophenol	9.70	184	343632	95.578	ng	94
55) Dibenzofuran	9.84	168	1587232	43.186	ng	99
56) 4-Nitrophenol	9.75	139	558450	83.042	ng	96
57) 2,4-Dinitrotoluene	9.82	165	407851	45.953	ng	93
58) Fluorene	10.18	166	1121689	45.983	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	356227	46.726	ng	97
60) Diethylphthalate	10.07	149	1294712	43.260	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	555401	48.253	ng	99
62) 4-Nitroaniline	10.20	138	347734	41.323	ng	98
63) Azobenzene	10.33	77	1204766	43.098	ng	98
65) 4,6-Dinitro-2-methylphenol	10.22	198	211527	50.534	ng	83
66) n-Nitrosodiphenylamine	10.29	169	1101777	45.213	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	385805	45.494	ng	98
68) Hexachlorobenzene	10.72	284	417613	45.369	ng	96
69) Atrazine	10.82	200	355115	45.302	ng	98
70) Pentachlorophenol	10.91	266	508875	86.777	ng	97
71) Phenanthrene	11.13	178	1790622	42.519	ng	99
72) Anthracene	11.18	178	1840849	43.304	ng	99
73) Carbazole	11.33	167	1639890	43.200	ng	99
74) Di-n-butylphthalate	11.68	149	1980465	45.149	ng	99
75) Fluoranthene	12.31	202	1825205	43.438	ng	98
77) Benzidine	12.43	184	985967	39.798	ng	99
78) Pyrene	12.53	202	1905884	44.449	ng	99
80) Butylbenzylphthalate	13.17	149	880571	46.536	ng	94
81) Benzo(a)anthracene	13.71	228	1762422	44.023	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	466930	32.298	ng	99
83) Chrysene	13.75	228	1657591	45.201	ng	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1205849	48.634	ng	99
85) Di-n-octyl phthalate	14.34	149	2104899	50.527	ng	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	2106316	48.540	ng	99
88) Benzo(b)fluoranthene	14.72	252	1885610	43.704	ng	99
89) Benzo(k)fluoranthene	14.75	252	1634271	42.238	ng	100
90) Benzo(a)pyrene	15.04	252	1766068	45.415	ng	99
91) Dibenzo(a,h)anthracene	16.39	278	1719101	47.353	ng	99
92) Benzo(g,h,i)perylene	16.75	276	1786310	48.616	ng	99

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



#1

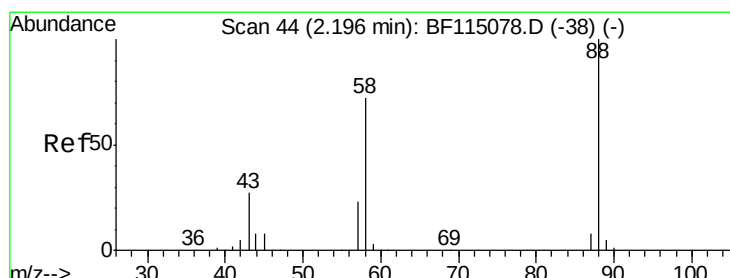
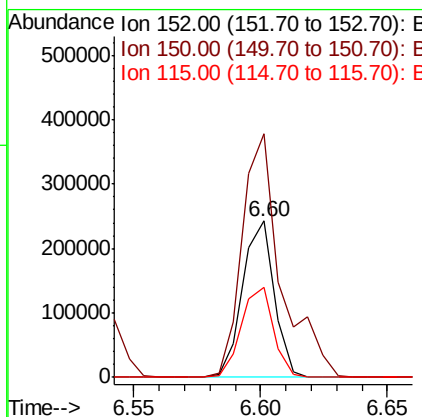
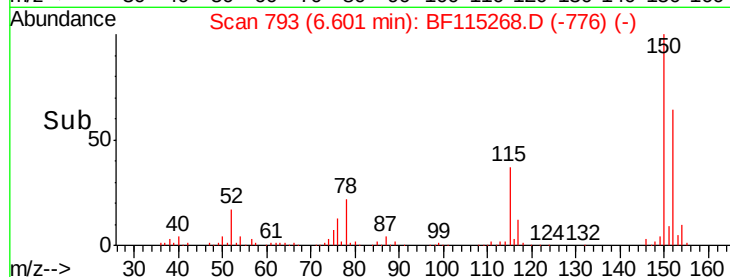
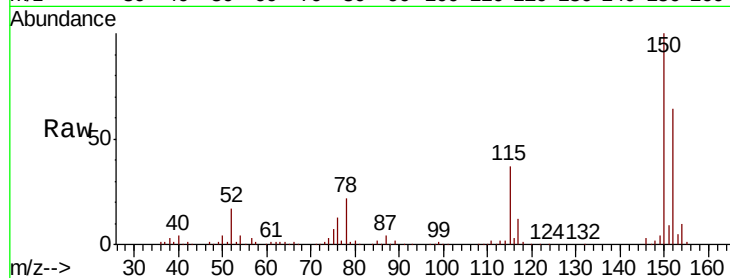
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.2	186.2
115	57.7	46.1	69.1

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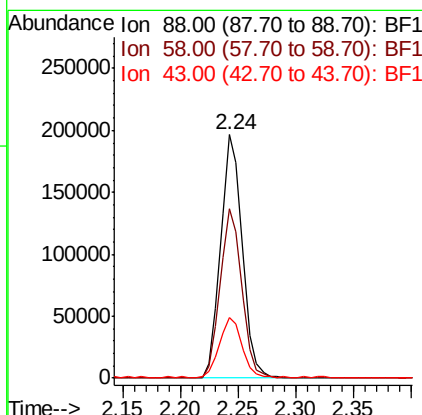
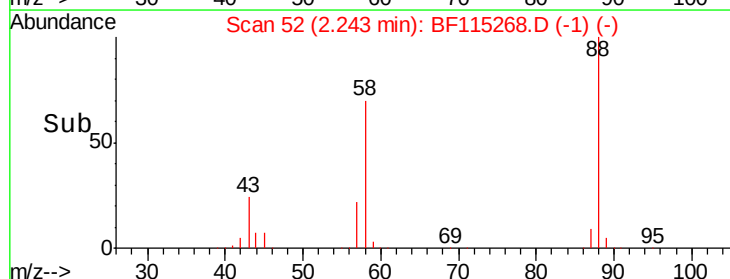
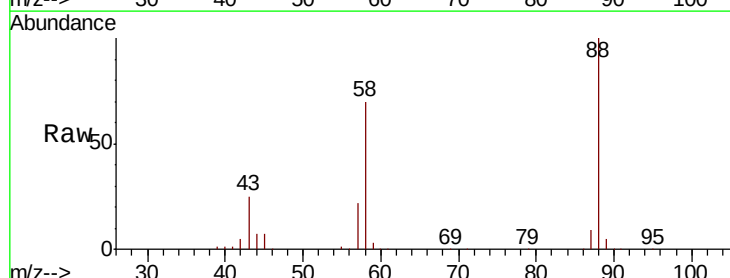
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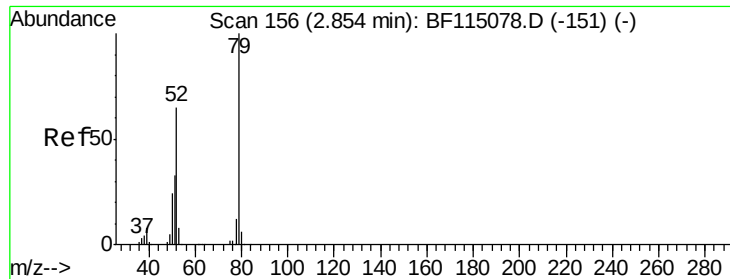


#2

1,4-Dioxane
Concen: 39.524 ng
RT: 2.24 min Scan# 52
Delta R.T. 0.09 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.7	56.1	84.1
43	25.5	21.3	31.9





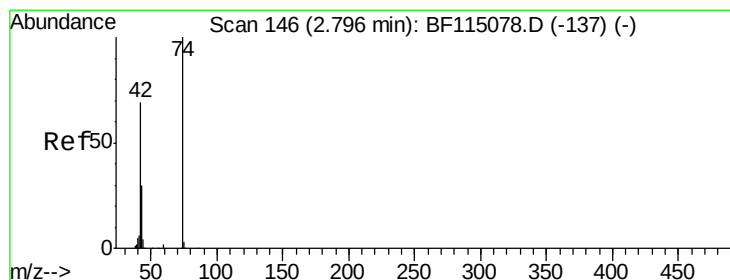
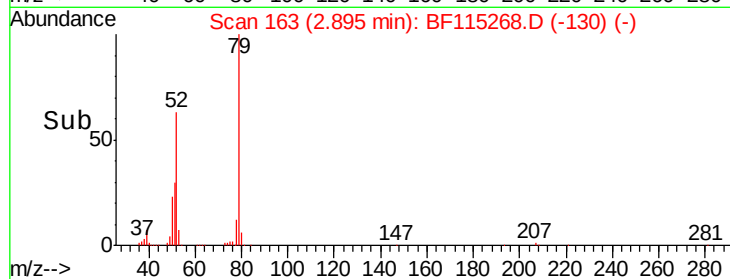
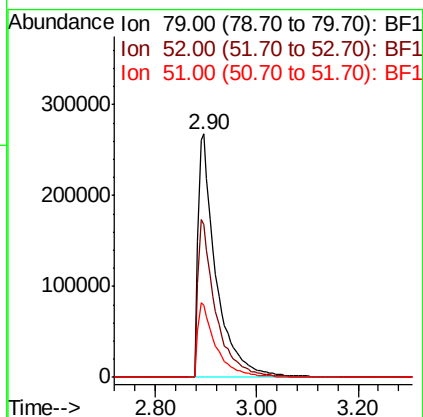
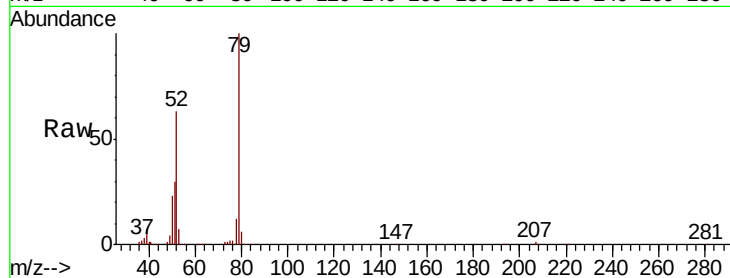
#3
 Pvridine
 Concen: 35.985 ng
 RT: 2.90 min Scan# 163
 Delta R.T. 0.09 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.5	52.3	78.5
51	29.8	26.1	39.1

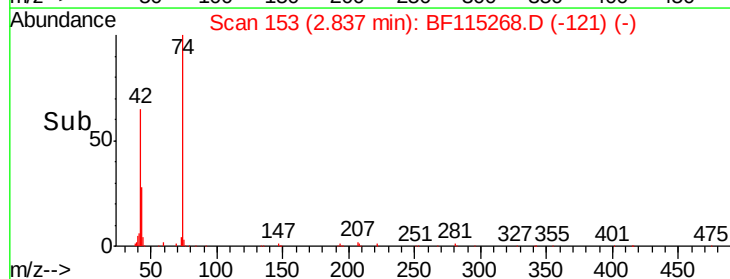
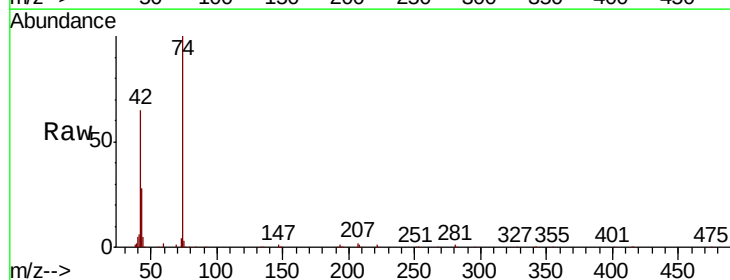
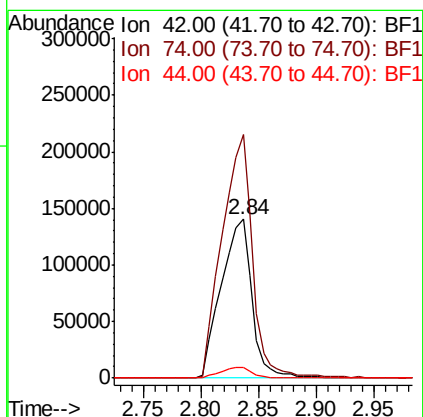
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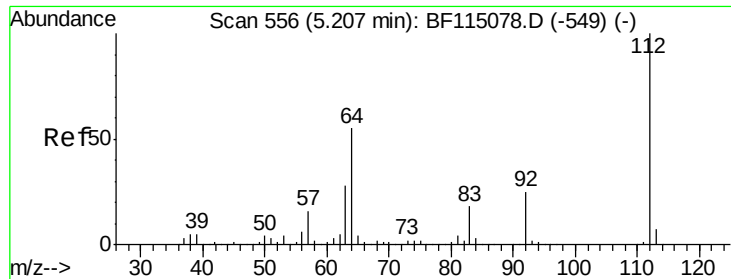
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#4
 n-Nitrosodimethylamine
 Concen: 36.390 ng
 RT: 2.84 min Scan# 153
 Delta R.T. 0.09 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	153.2	116.6	175.0
44	7.0	5.3	7.9





#5

2-Fluorophenol

Concen: 113.662 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.02 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

ClientSampled :

PB120890BS

Tot Ion:112 Resp: 1555765

Ion Ratio Lower Upper

112 100

64 55.0 43.8 65.6

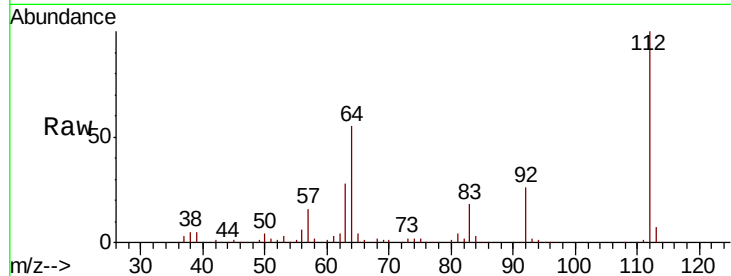
63 28.1 22.2 33.4

Manual Integrations

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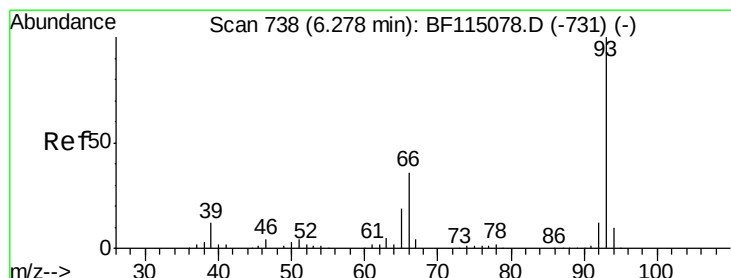
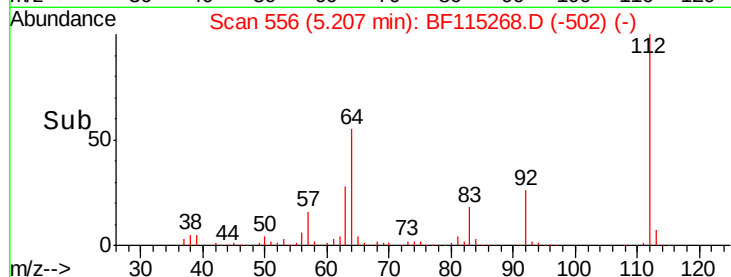
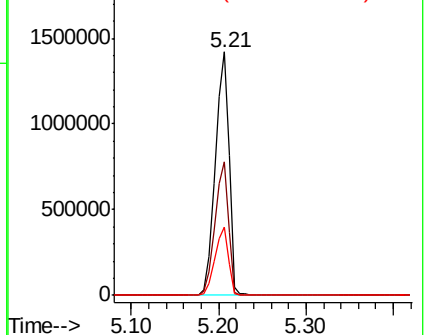
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.037 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

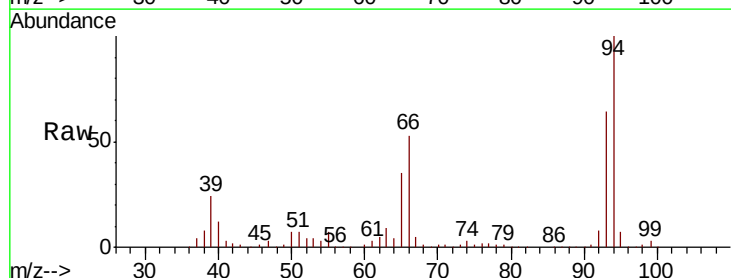
Tgt Ion: 93 Resp: 640175

Ion Ratio Lower Upper

93 100

66 83.8 30.0 45.0#

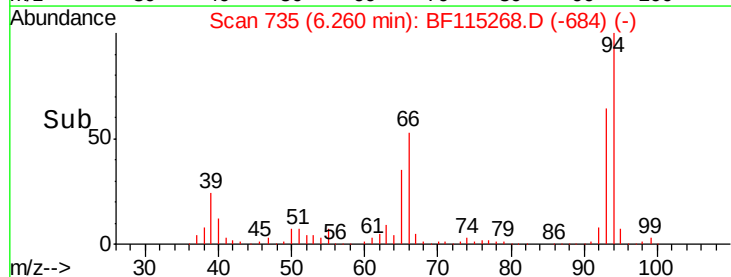
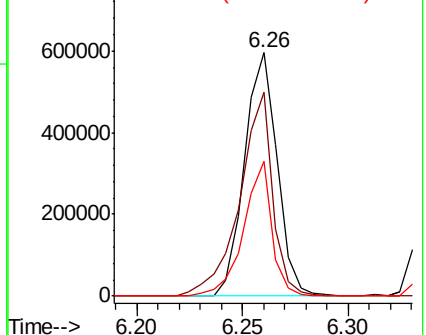
65 55.2 15.6 23.4#

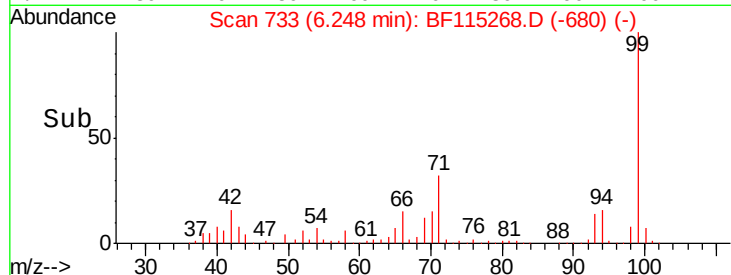
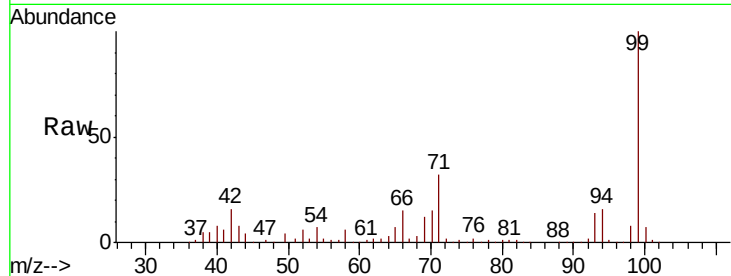
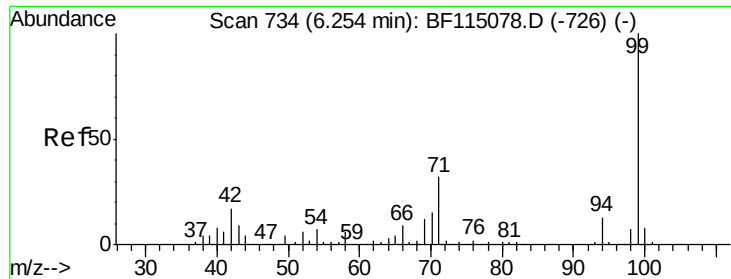


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.664 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Tot Ion:	99	Resp:	1871725
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.6	20.4
71	32.0	25.5	38.3

Instrument :

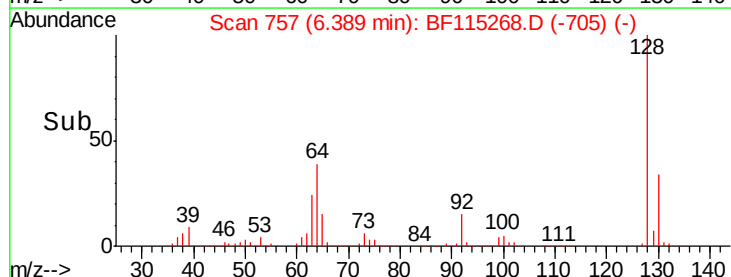
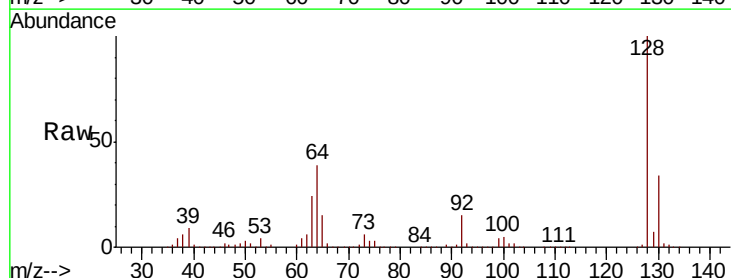
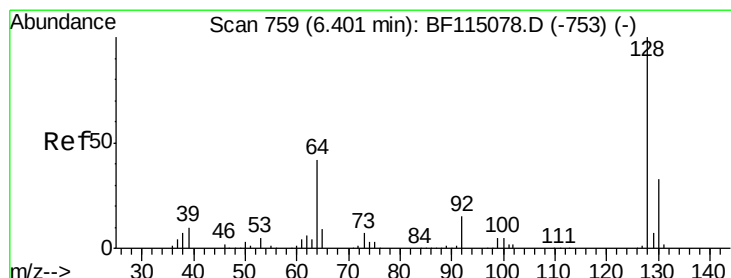
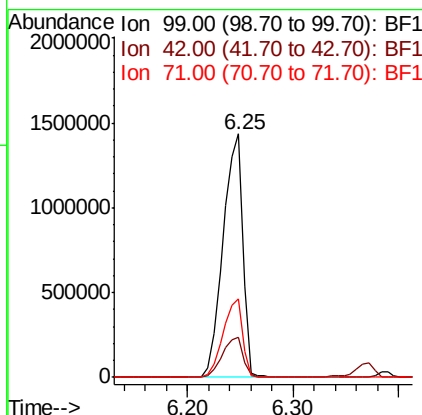
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#8

2-Chlorophenol

Concen: 41.274 ng

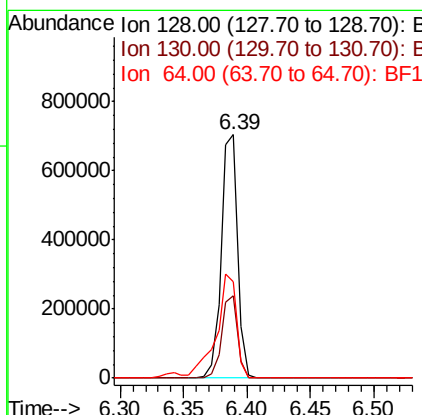
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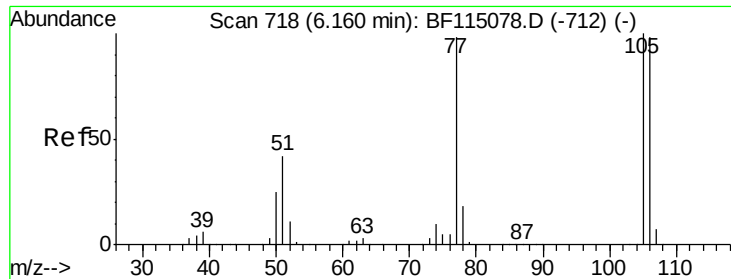
Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Tgt Ion:	128	Resp:	635253
Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.9	52.9
64	39.4	22.9	62.9





#9

Benzaldehyde

Concen: 33.792 ng

RT: 6.14 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

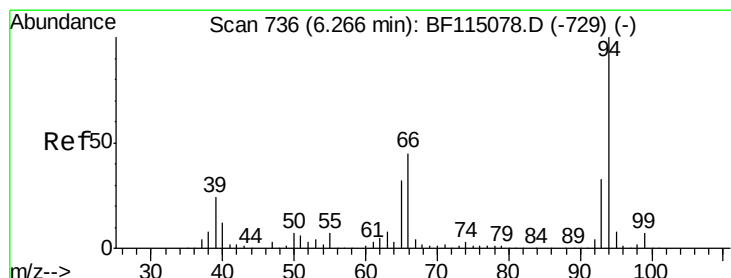
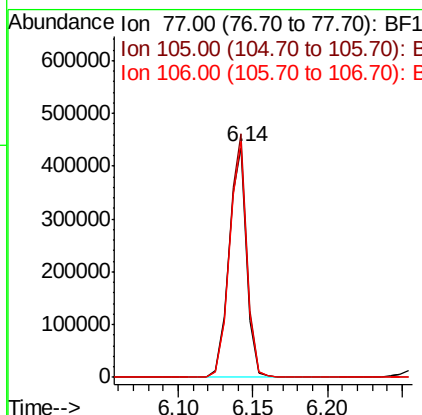
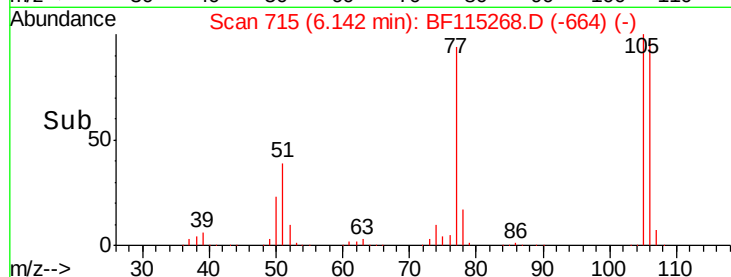
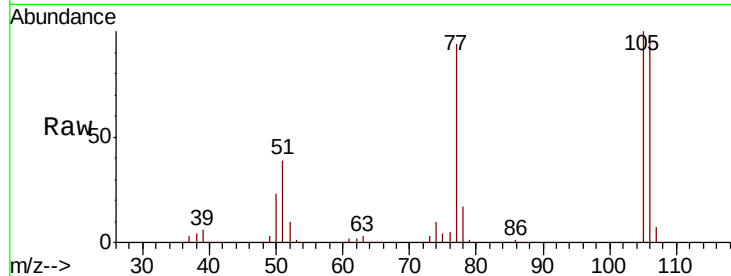
ClientSampleId :

PB120890BS

Tot Ion:	77	Resp:	366265
Ion	Ratio	Lower	Upper
77	100		
105	105.9	81.5	121.5
106	102.4	79.7	119.7

Manual Integrations
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#10

Phenol

Concen: 37.712 ng

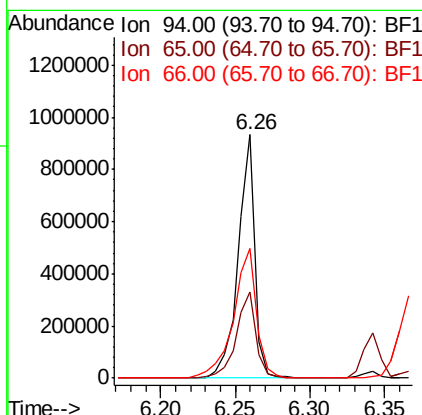
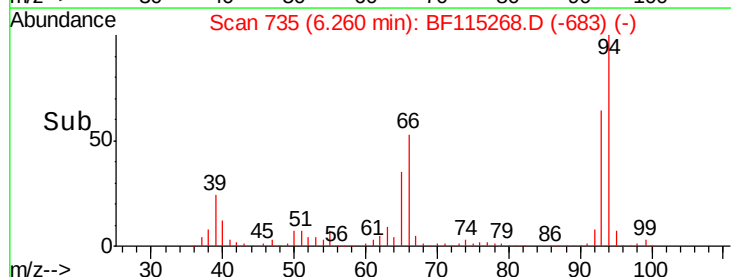
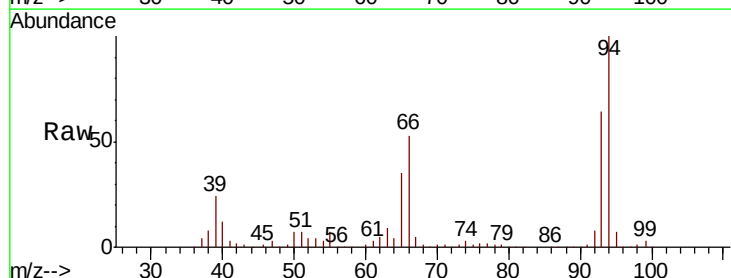
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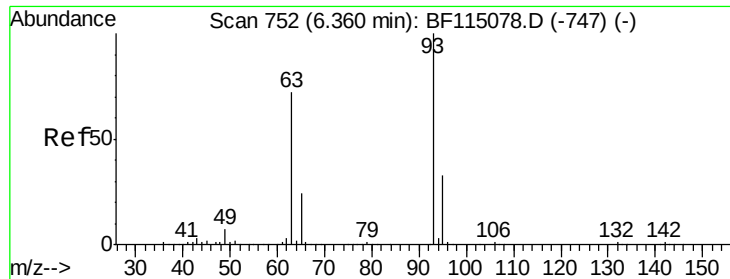
Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Tgt Ion:	94	Resp:	733888
Ion	Ratio	Lower	Upper
94	100		
65	35.2	11.9	51.9
66	53.5	25.2	65.2





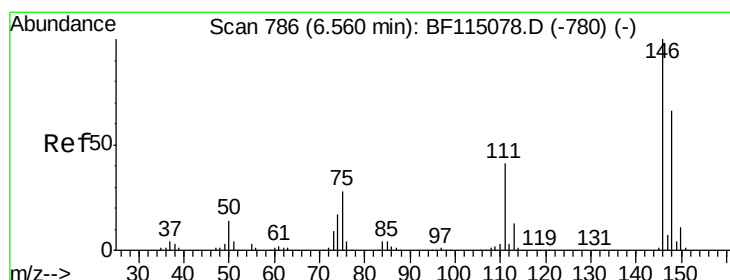
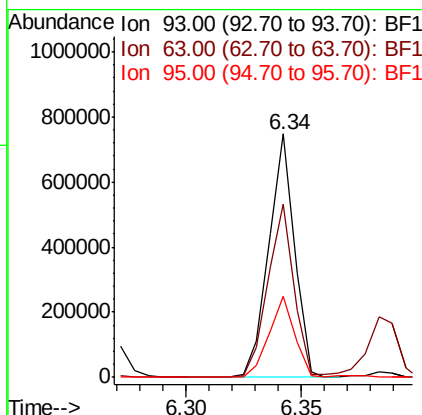
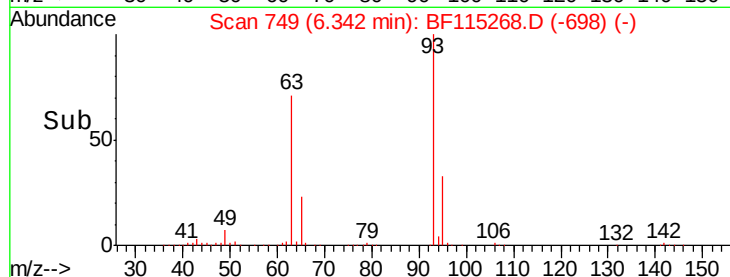
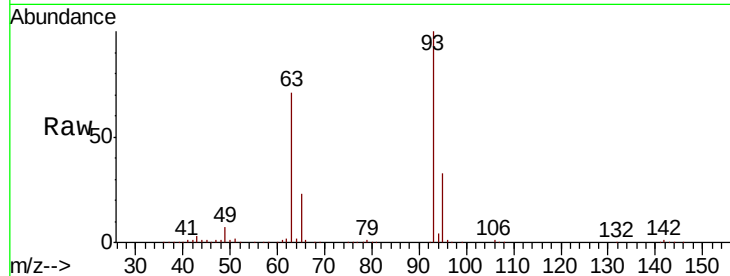
#11
bis(2-Chloroethyl)ether
Concen: 40.334 ng
RT: 6.34 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.2	51.5	91.5
95	33.4	13.4	53.4

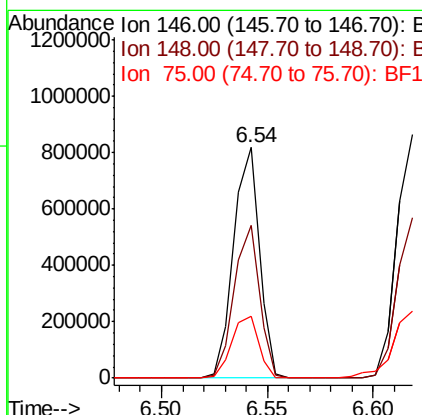
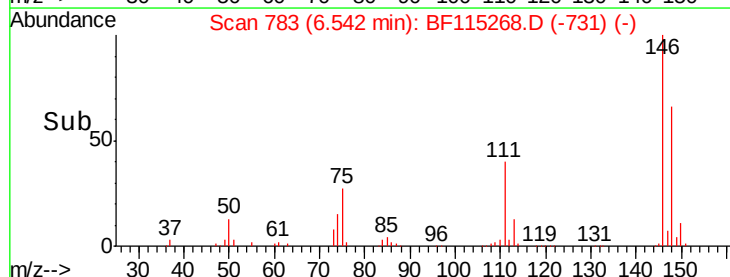
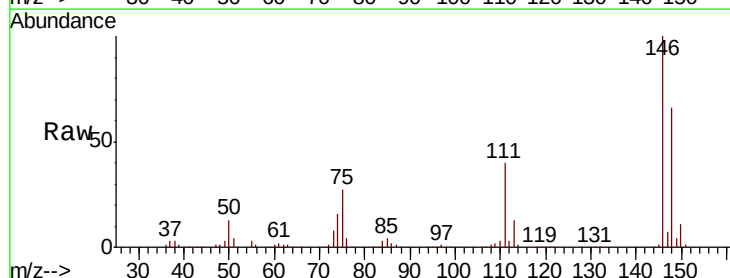
Manual Integrations
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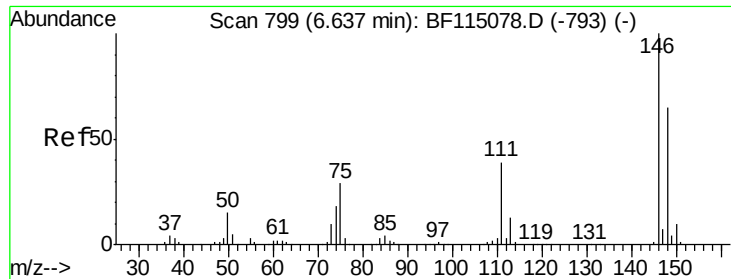
mohammad
7/1/2019 3:05:29 PM



#12
1,3-Dichlorobenzene
Concen: 40.489 ng
RT: 6.54 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	52.6	78.8
75	26.8	22.6	34.0





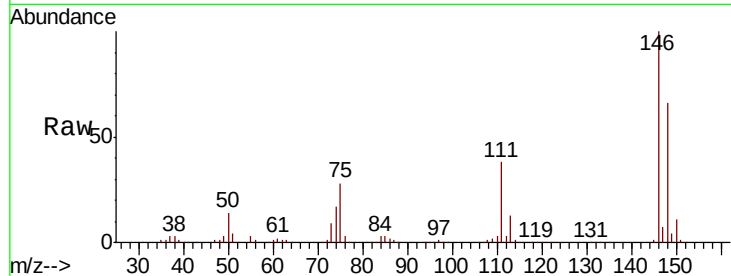
#13
 1,4-Dichlorobenzene
 Concen: 41.287 ng
 RT: 6.62 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.9	77.9
111	38.3	31.4	47.0

Manual Integrations
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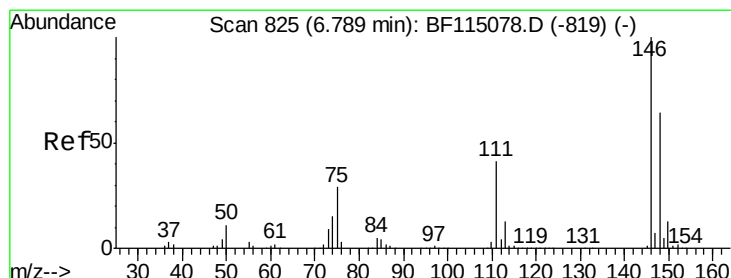
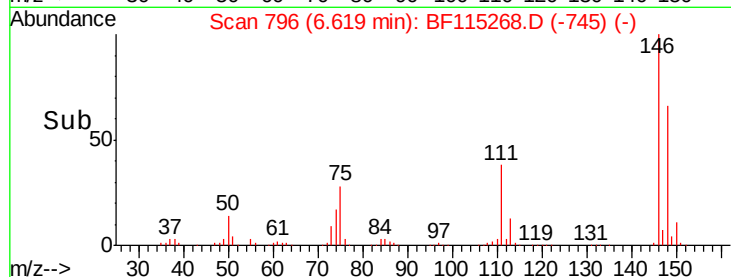
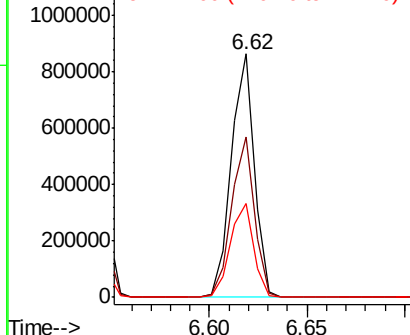


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.011 ng
 RT: 6.77 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

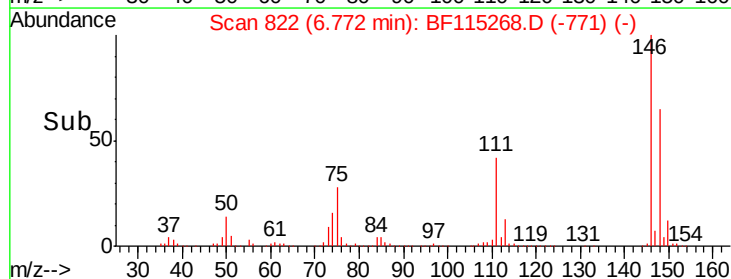
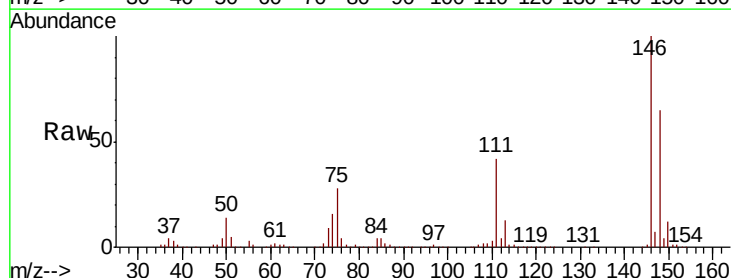
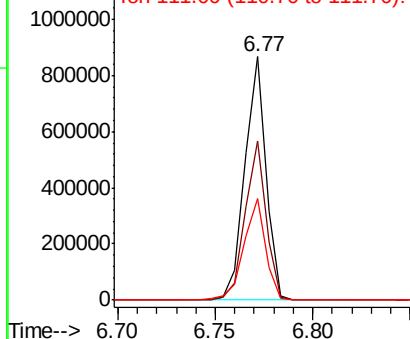
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.1	76.7
111	41.5	33.2	49.8

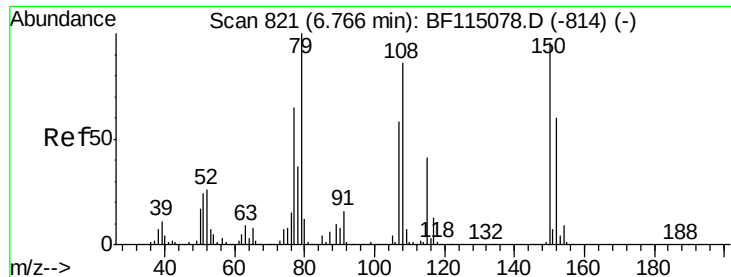
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





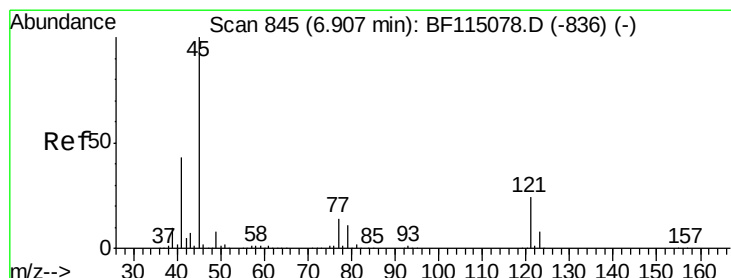
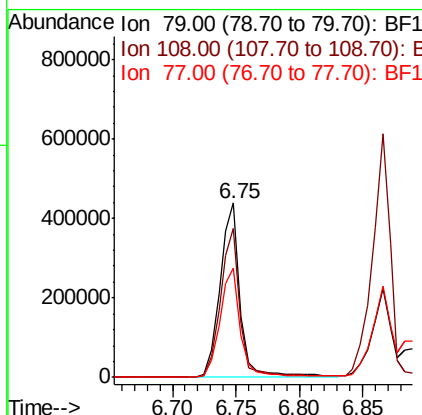
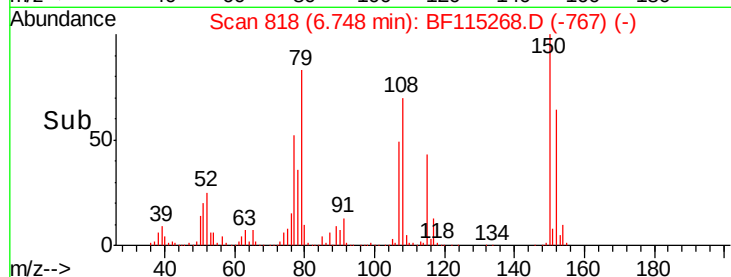
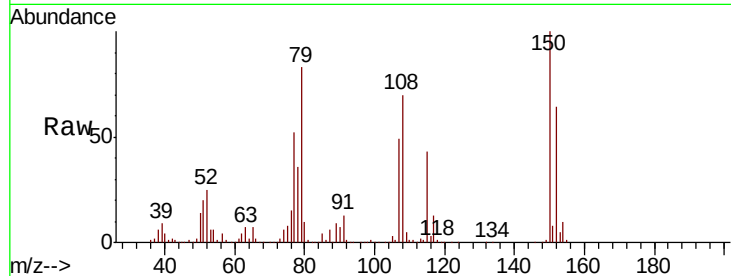
#15
Benzyl Alcohol
Concen: 40.369 ng
RT: 6.75 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleID :
PB120890BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	85.0	68.7	103.1
77	62.9	51.7	77.5

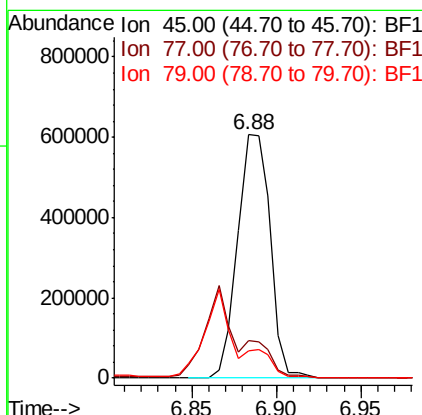
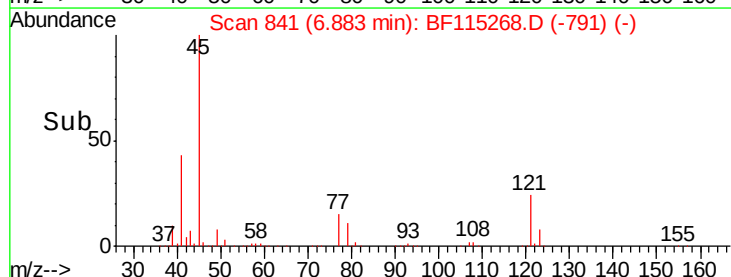
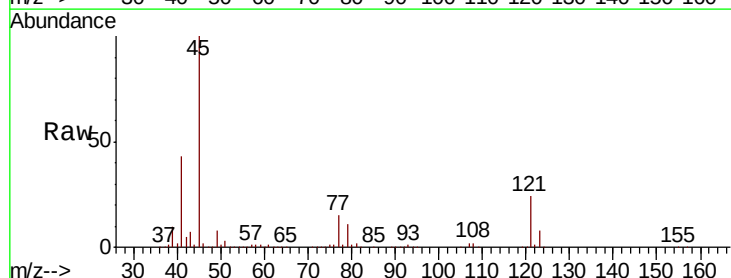
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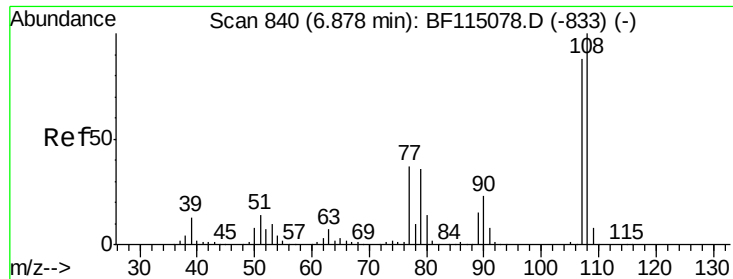
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.285 ng
RT: 6.88 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	34.6
79	11.4	0.0	31.2





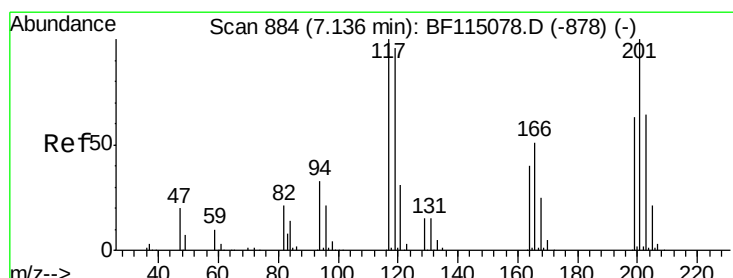
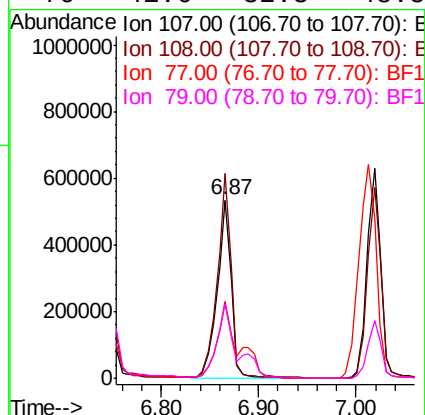
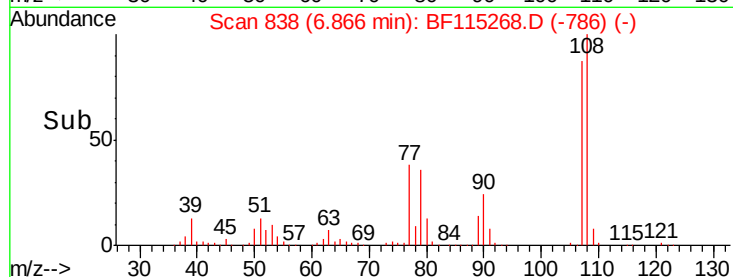
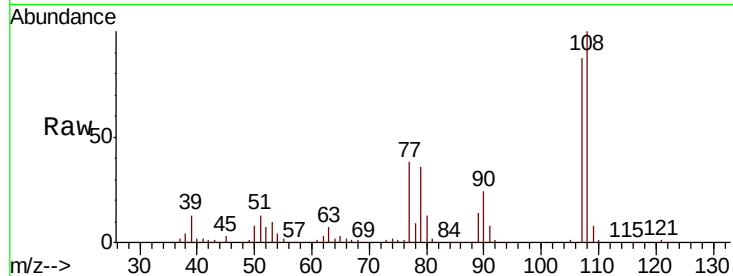
#17
2-Methylphenol
Concen: 41.703 ng
RT: 6.87 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.8	90.9	136.3	
77	43.1	33.4	50.2	
79	41.6	32.3	48.5	

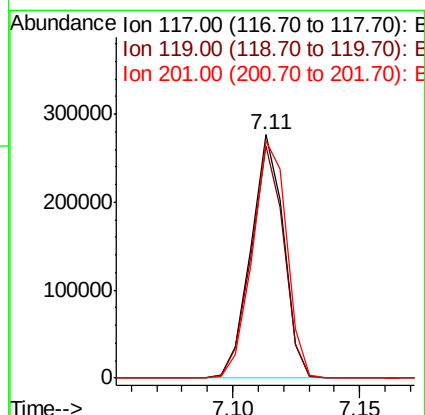
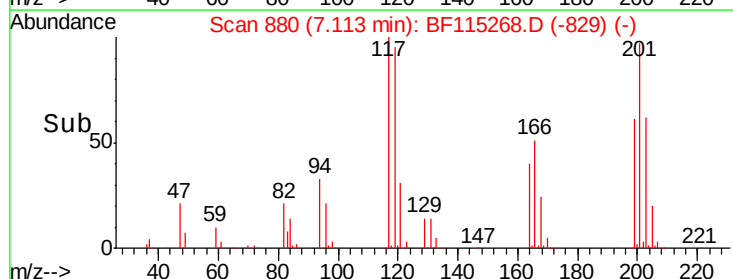
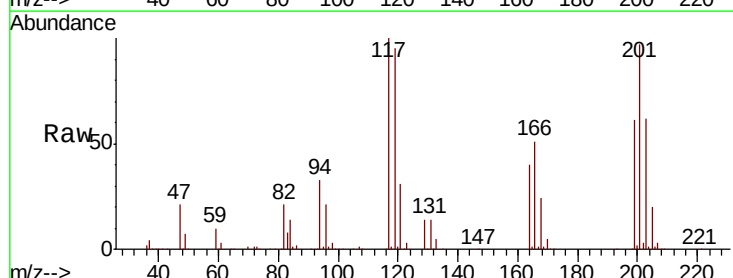
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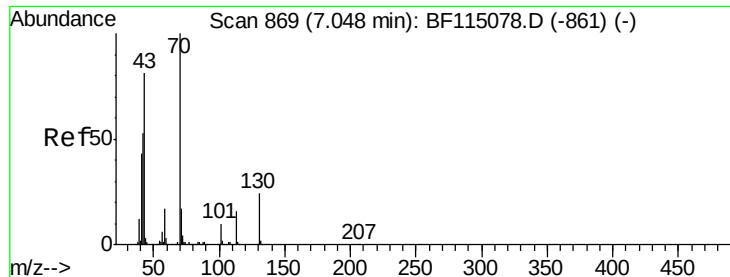
mohammad
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#18
Hexachloroethane
Concen: 40.247 ng
RT: 7.11 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	76.6	114.8	
201	97.4	80.2	120.2	





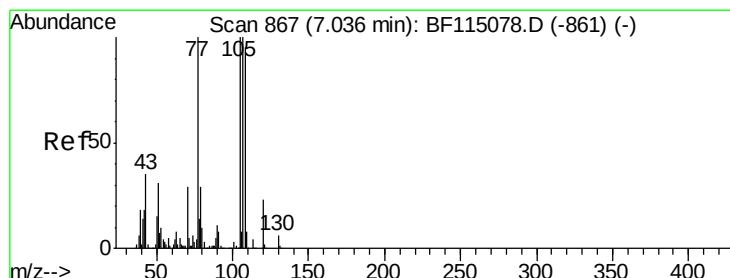
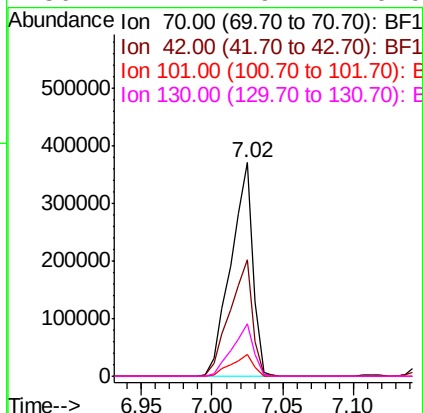
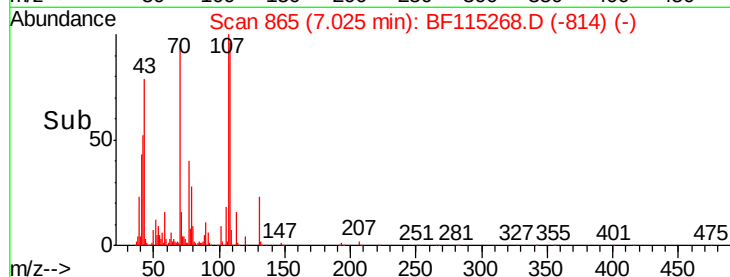
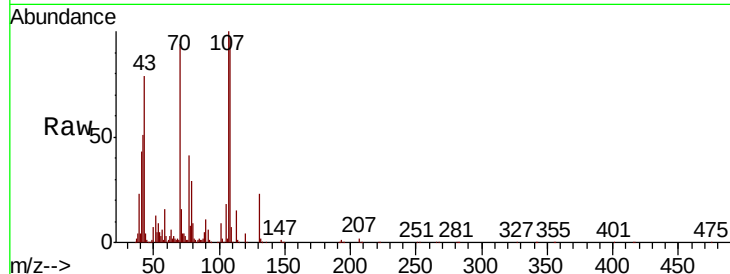
#19
n-Nitroso-di-n-propylamine
Concen: 37.669 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	54.6	42.6	63.8		
101	10.0	8.0	12.0		
130	24.4	19.4	29.0		

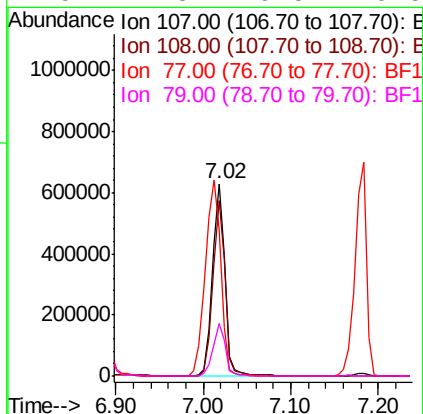
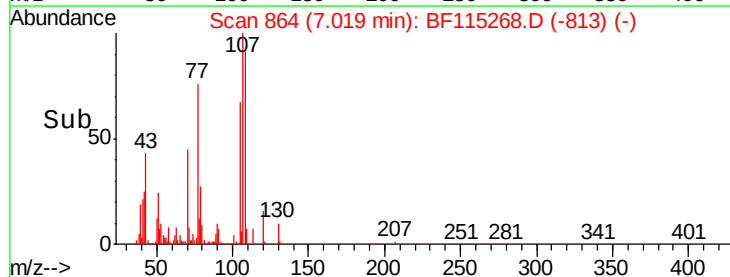
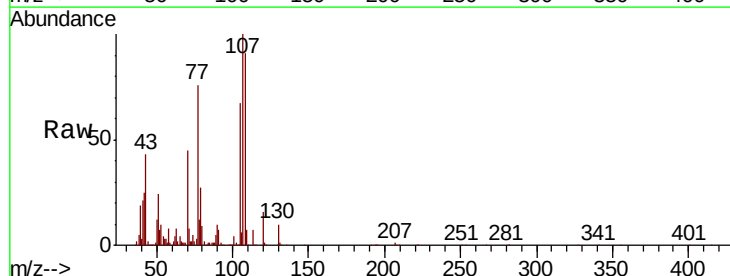
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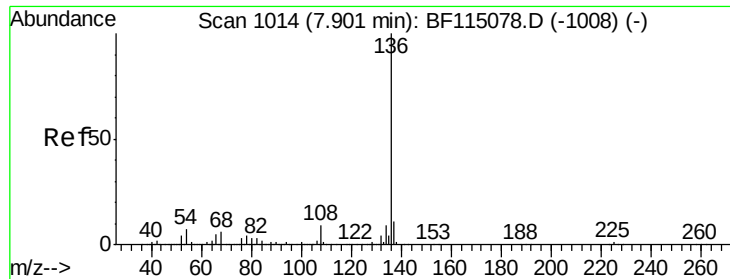
mohammad
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#20
3+4-Methylphenols
Concen: 42.267 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.1	75.5	115.5		
77	76.2	80.2	120.2#		
79	27.3	9.5	49.5		





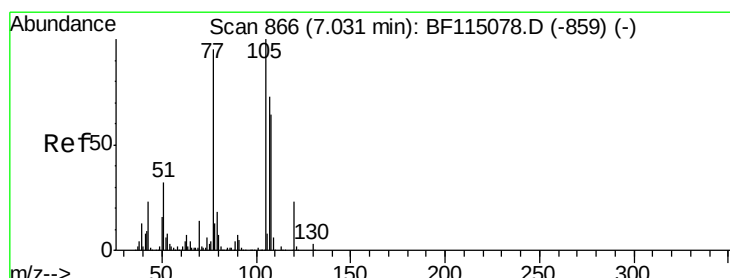
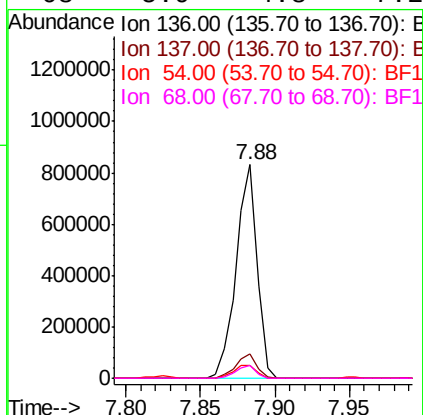
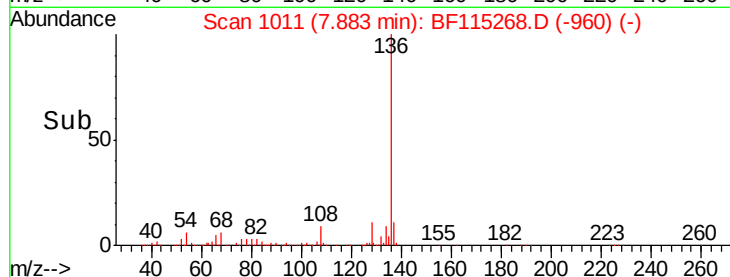
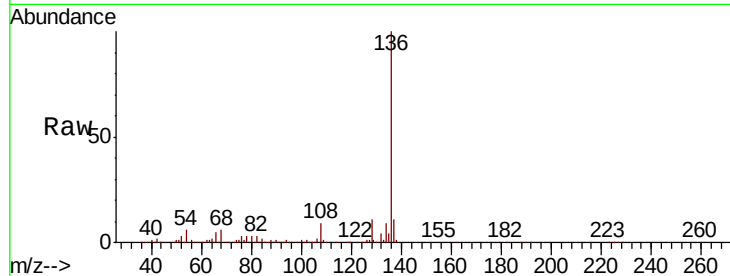
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		819264		
137	11.1		8.9	13.3	
54	6.3		5.6	8.4	
68	5.9		4.8	7.2	

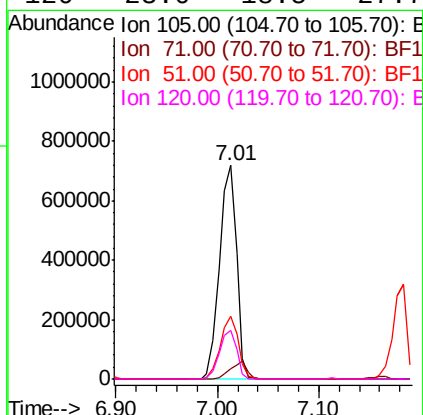
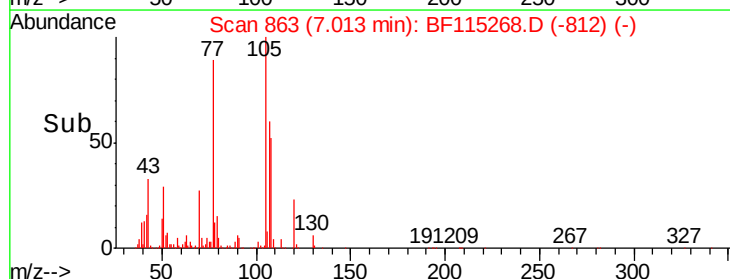
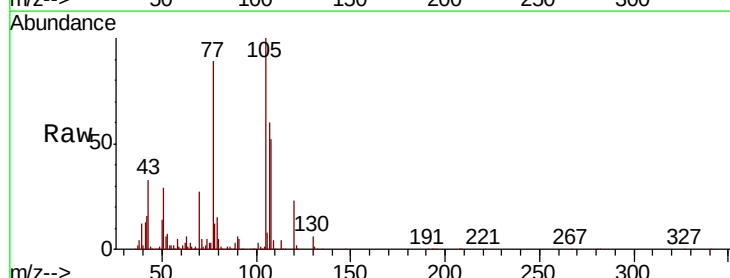
Manual Integrations
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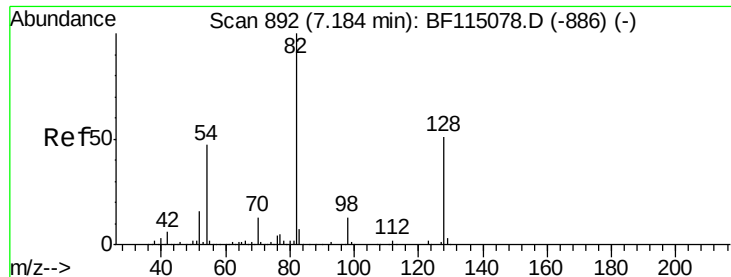
mohammad
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#22
Acetophenone
Concen: 44.826 ng
RT: 7.01 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		840732		
71	4.6		1.9	2.9#	
51	29.3		25.8	38.8	
120	23.0		18.5	27.7	





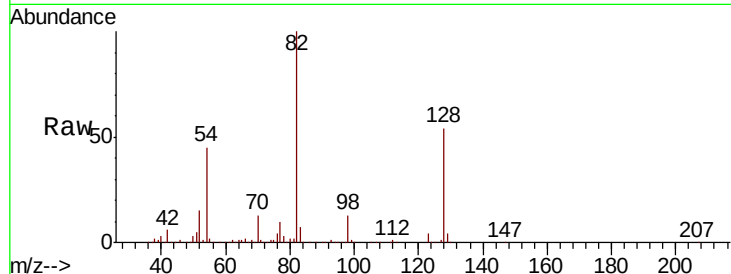
#23
Nitrobenzene-d5
Concen: 82.310 ng
RT: 7.17 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

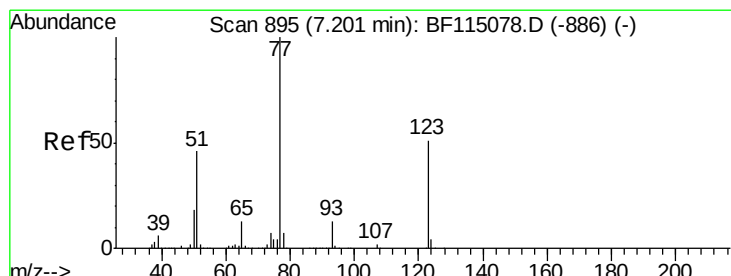
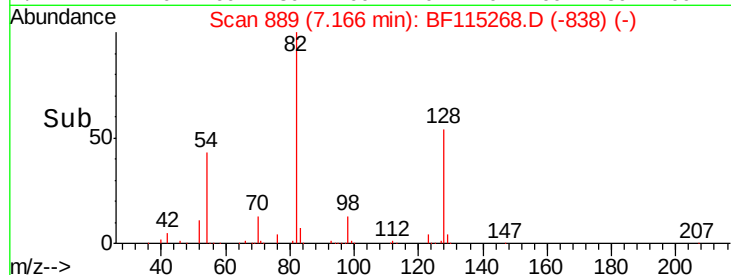
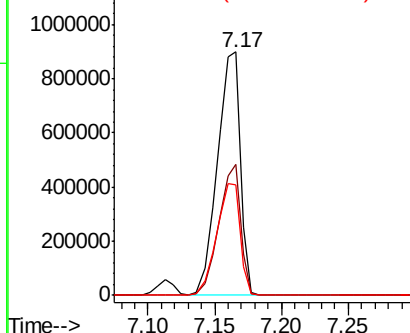
Tot Ion	Ratio	Lower	Upper
82	100		
128	53.6	40.4	60.6
54	45.1	37.5	56.3

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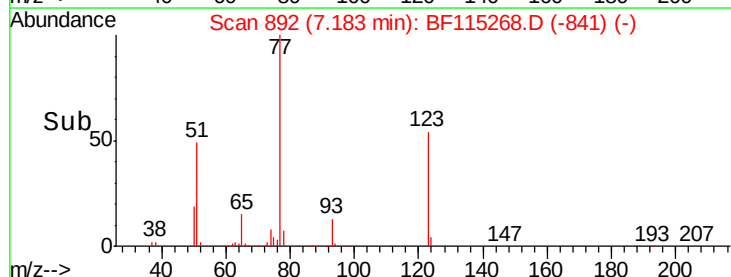
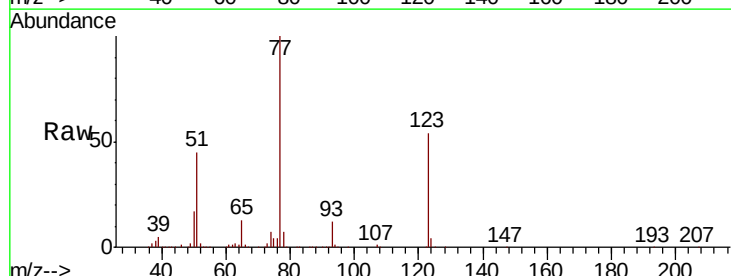
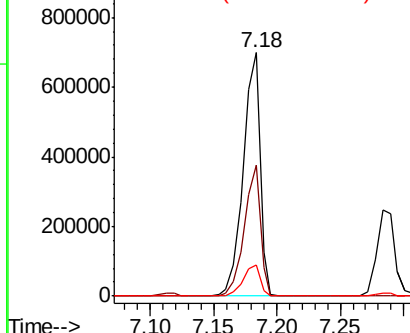
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

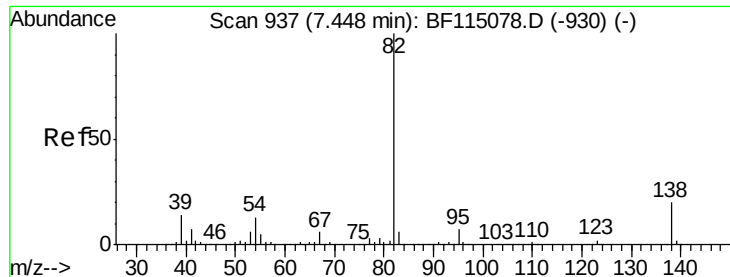


#24
Nitrobenzene
Concen: 43.481 ng
RT: 7.18 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.8	41.0	61.6
65	13.0	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





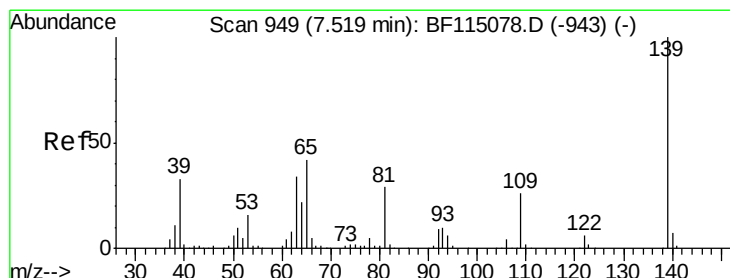
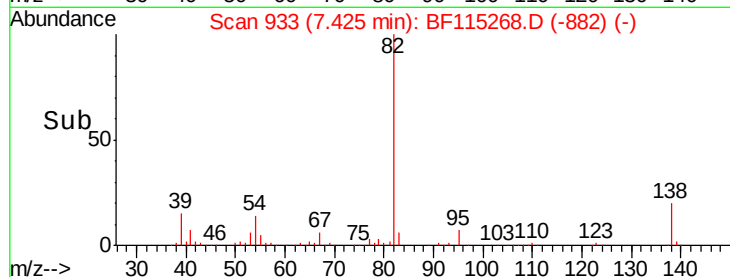
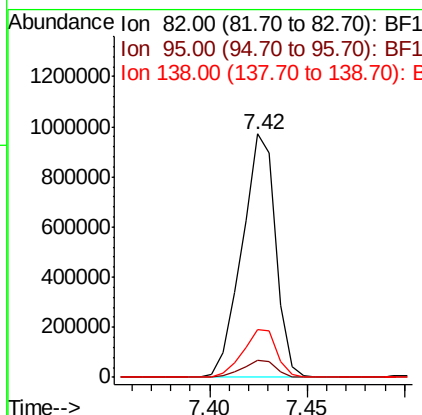
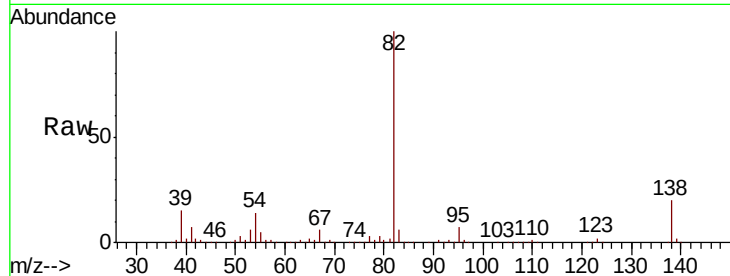
#25
Isophorone
Concen: 42.500 ng
RT: 7.42 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	19.5	15.9	23.9

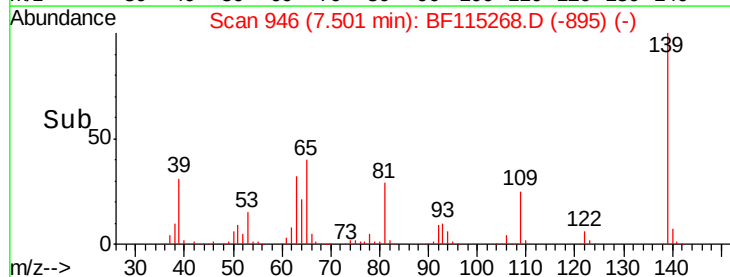
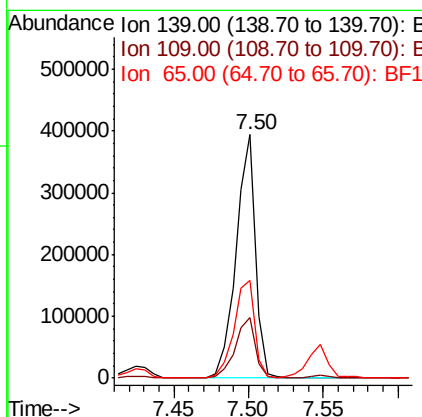
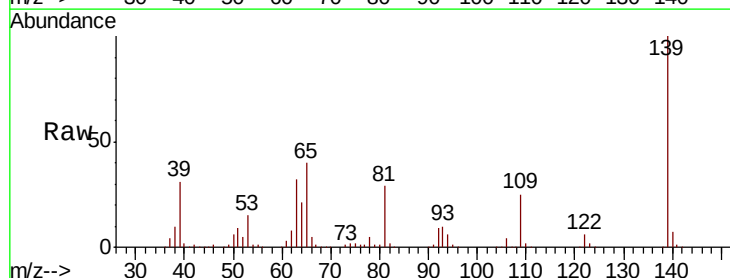
Manual Integrations
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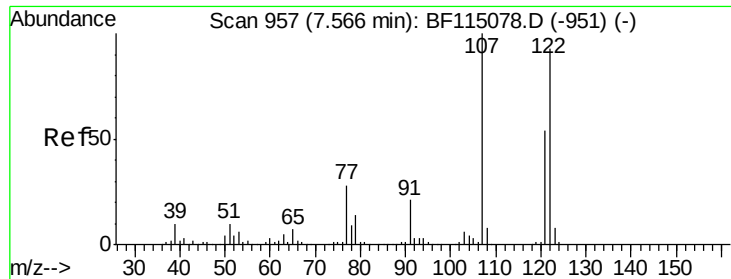
mohammad
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#26
2-Nitrophenol
Concen: 49.464 ng
RT: 7.50 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.1	20.4	30.6
65	40.2	33.6	50.4





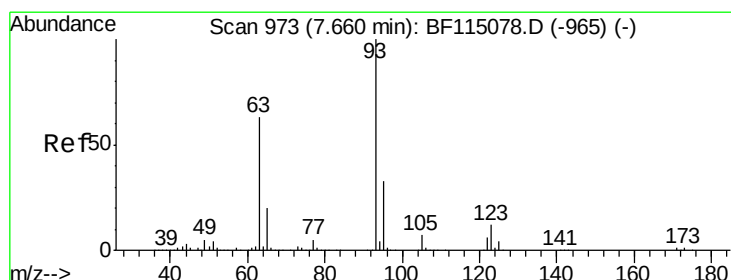
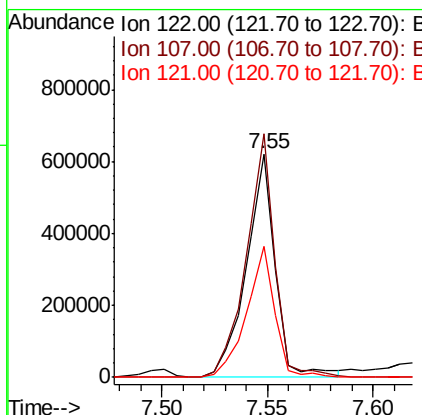
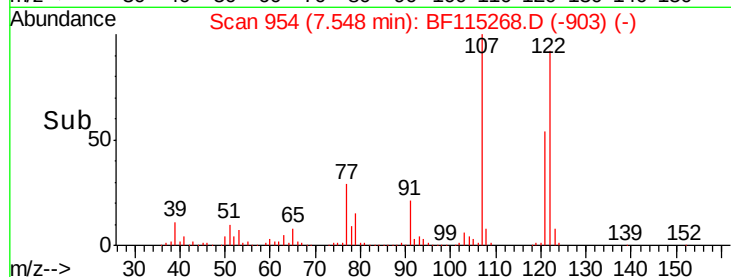
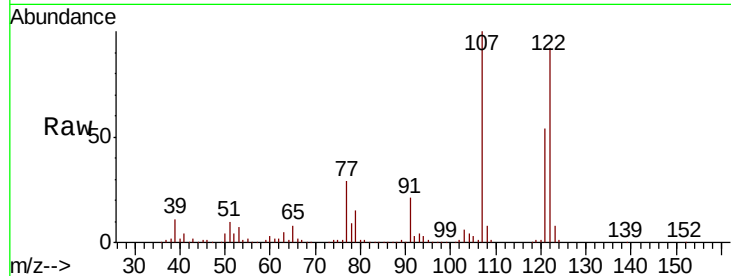
#27
2,4-Dimethylphenol
Concen: 50.093 ng
RT: 7.55 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	594278		
107	109.0		85.8	128.6
121	58.5		46.3	69.5

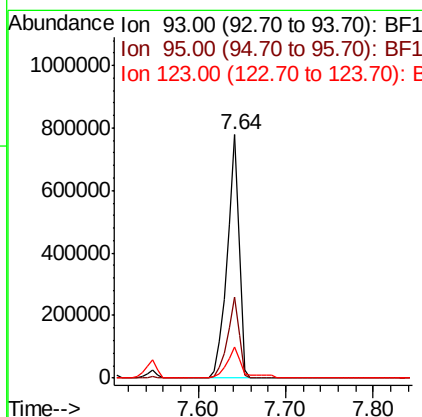
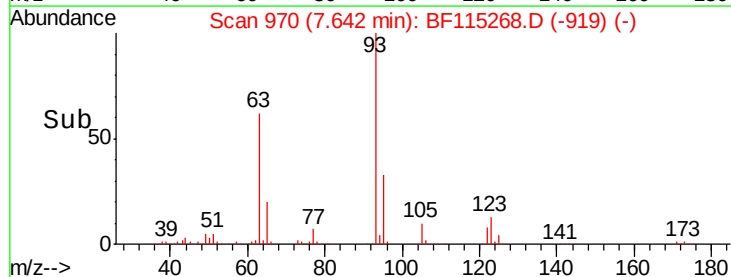
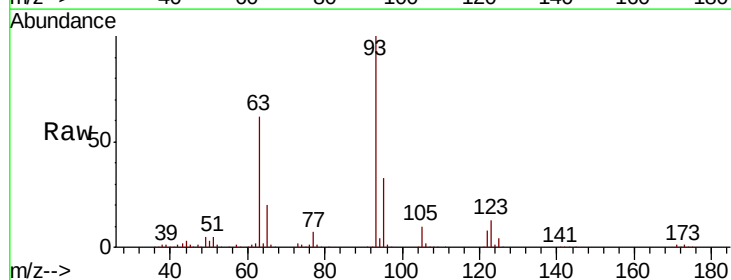
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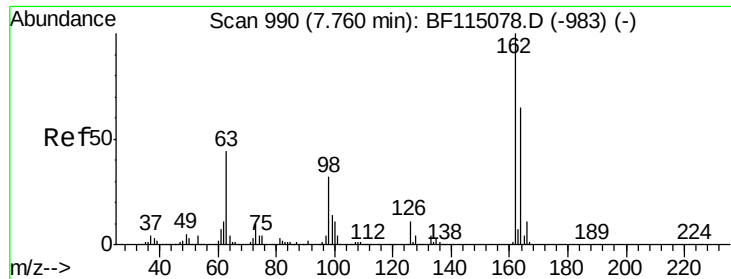
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.217 ng
RT: 7.64 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	745222		
95	33.1		26.2	39.4
123	12.8		9.7	14.5





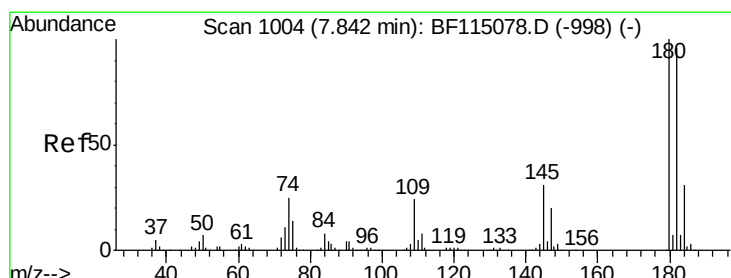
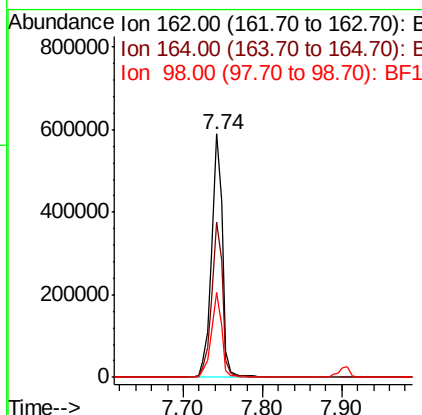
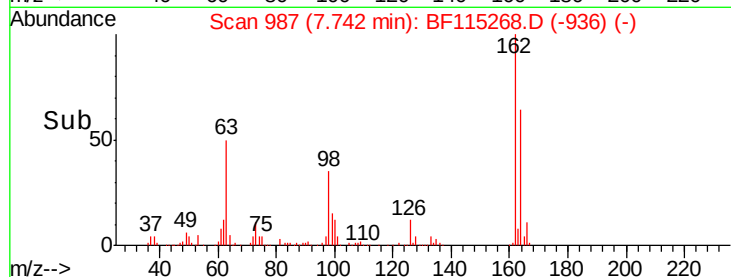
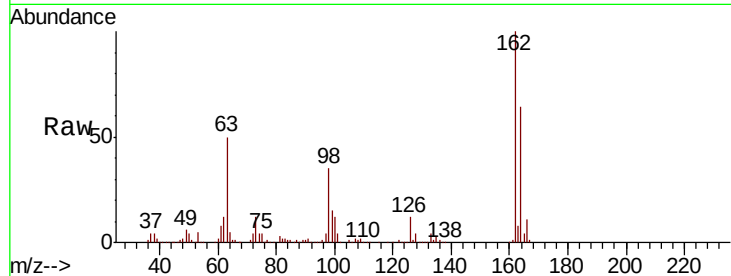
#29
2,4-Dichlorophenol
Concen: 45.532 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	557453		
164	64.0	45.3	85.3	
98	34.9	12.5	52.5	

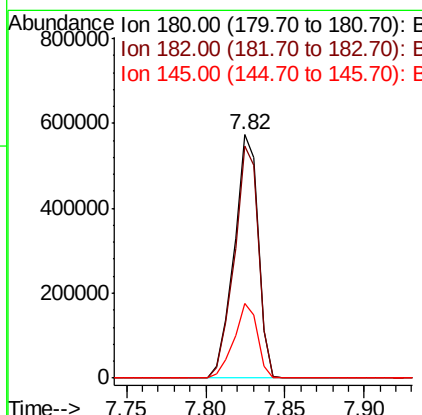
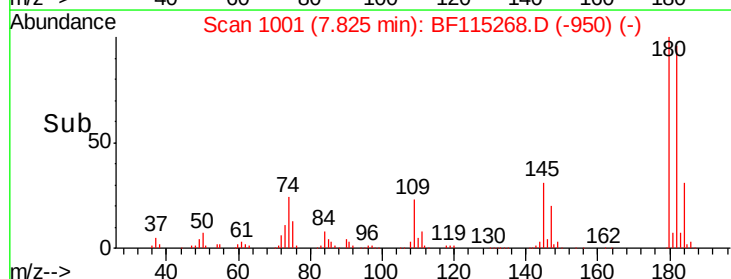
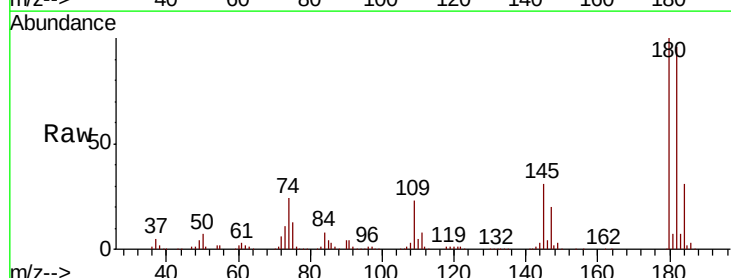
Manual Integrations
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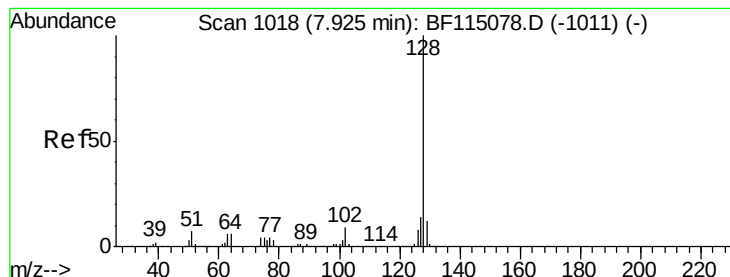
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#30
1,2,4-Trichlorobenzene
Concen: 44.633 ng
RT: 7.82 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	603592		
182	95.5	76.4	114.6	
145	30.6	24.8	37.2	





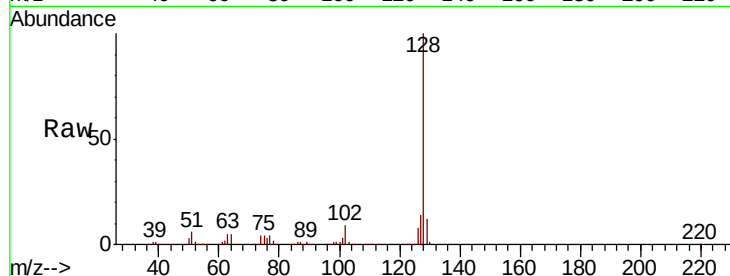
#31
Naphthalene
Concen: 45.187 ng
RT: 7.91 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.6	14.4
127	13.7	11.4	17.0

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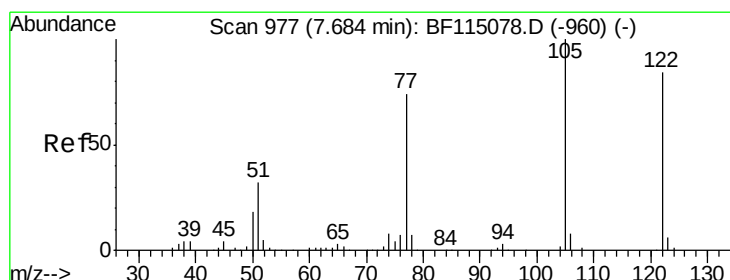
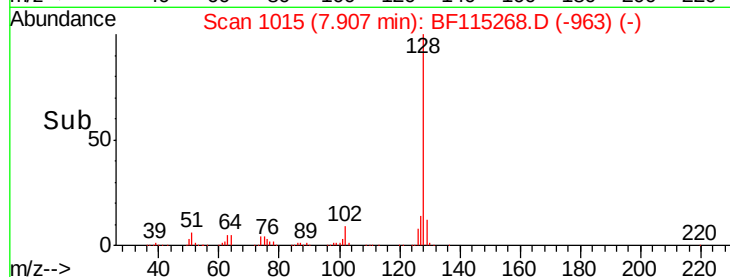
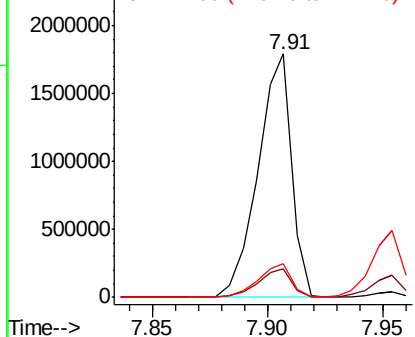


Abundance

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: 48.513 ng
RT: 7.68 min Scan# 976
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

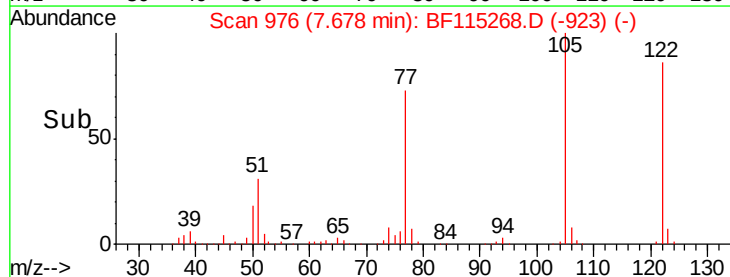
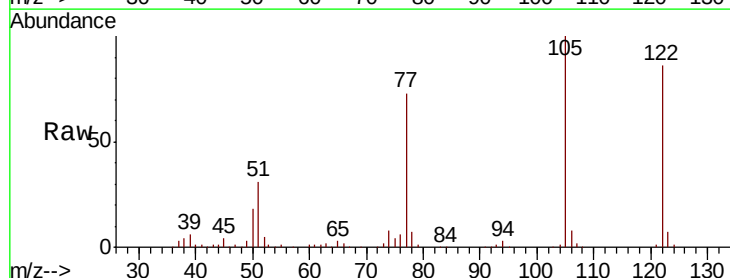
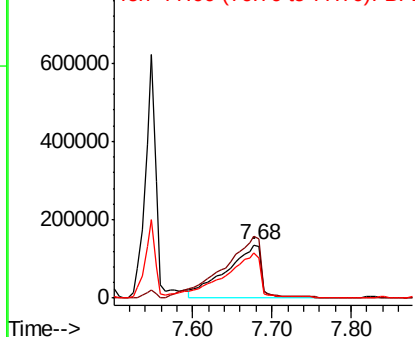
Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.8	98.2	138.2
77	85.1	67.0	107.0

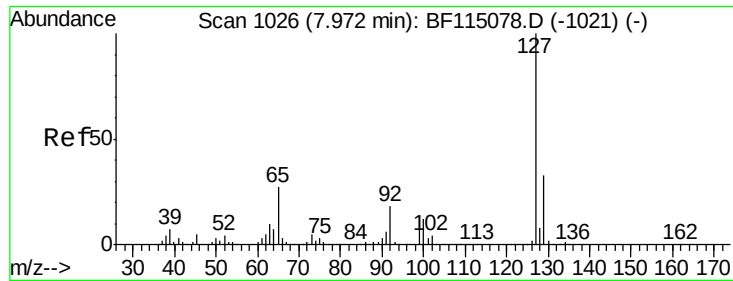
Abundance

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





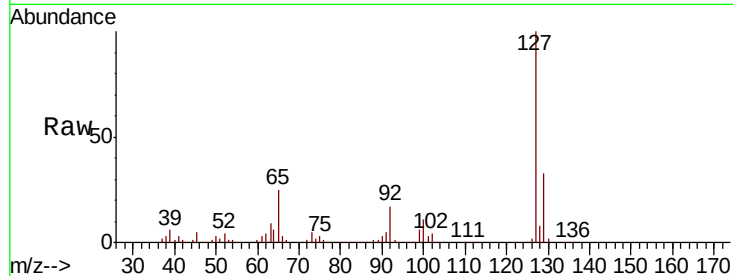
#33
4-Chloroaniline
Concen: 26.197 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

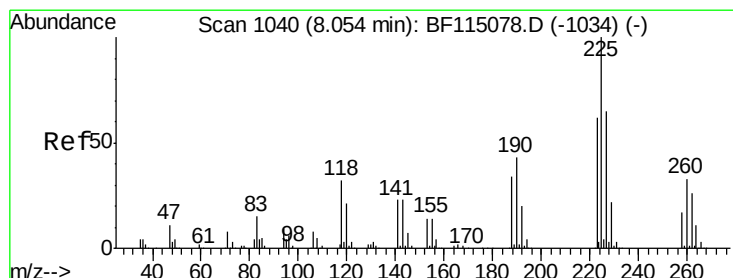
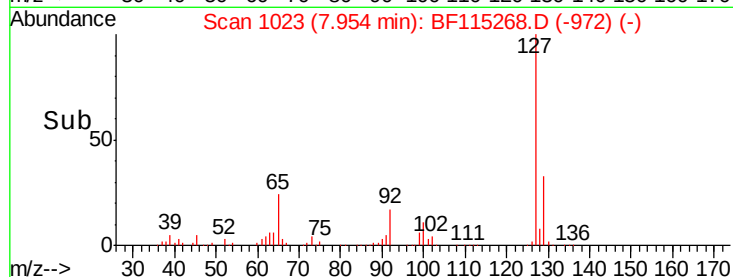
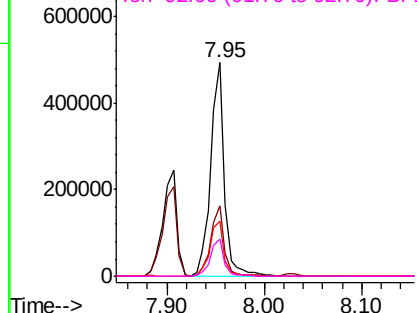
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		481482		
129	32.7	26.1	39.1		
65	25.5	21.4	32.2		
92	17.3	14.1	21.1		

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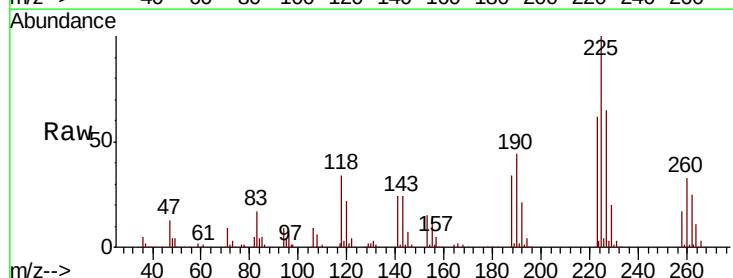


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

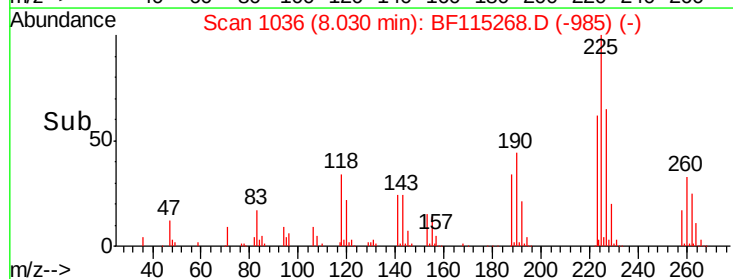
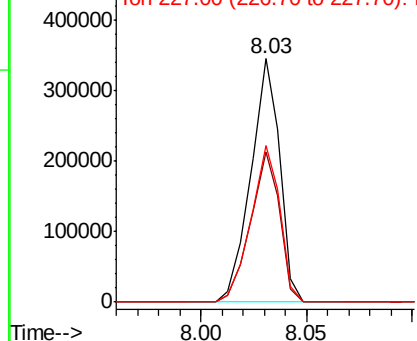


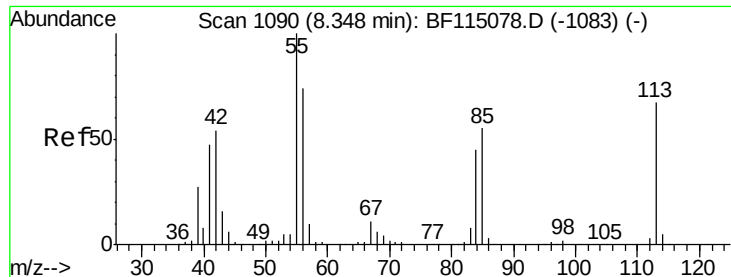
#34
Hexachlorobutadiene
Concen: 44.394 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		329000		
223	61.7	49.4	74.2		
227	64.5	51.8	77.8		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.739 ng/mL

RT: 8.32 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

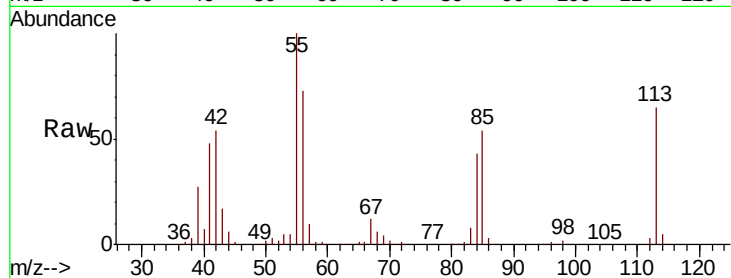
ClientSampleId :

PB120890BS

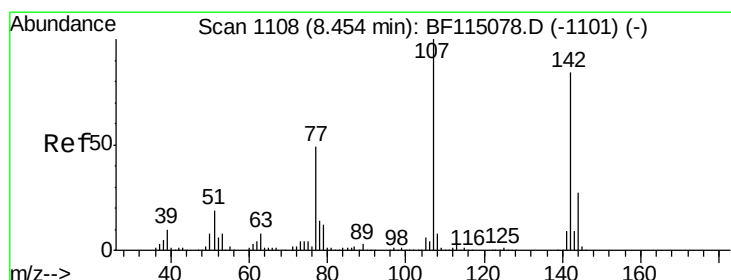
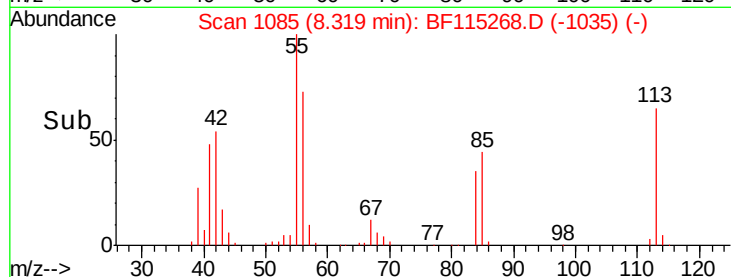
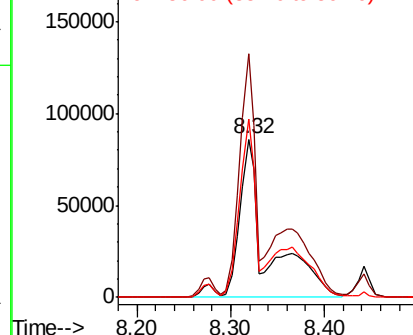
Tot Ion:	113	Resp:	180040
Ion Ratio	Lower	Upper	
113	100		
55	154.2	130.2	170.2
56	112.9	91.6	131.6

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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: 44.777 ng/mL

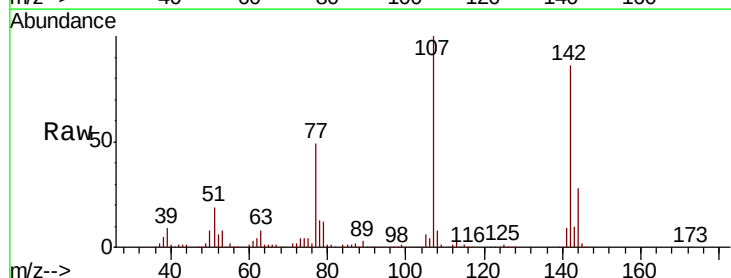
RT: 8.44 min Scan# 1106

Delta R.T. 0.01 min

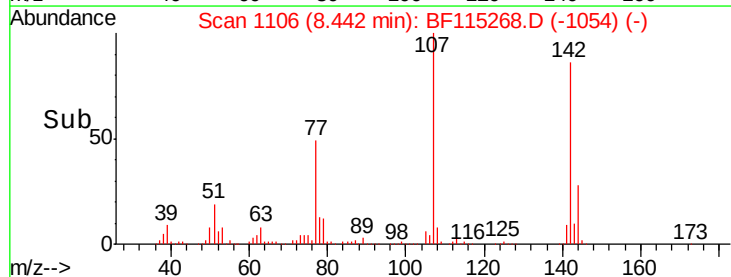
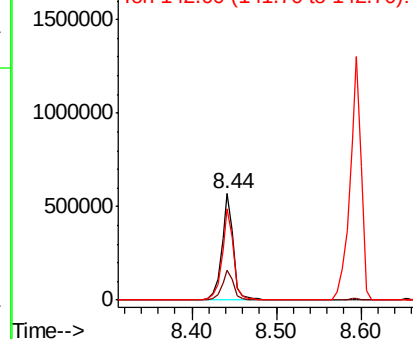
Lab File: BF115268.D

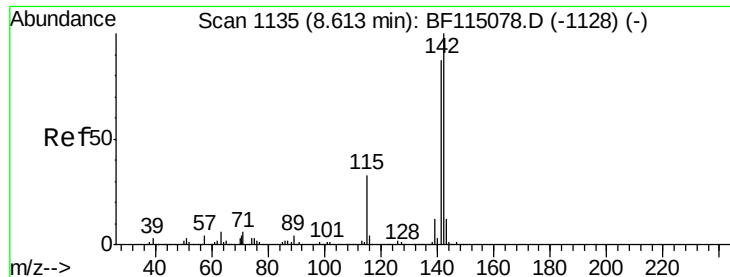
Acq: 28 Jun 2019 9:10

Tgt Ion:	107	Resp:	555183
Ion Ratio	Lower	Upper	
107	100		
144	27.9	21.7	32.5
142	86.1	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





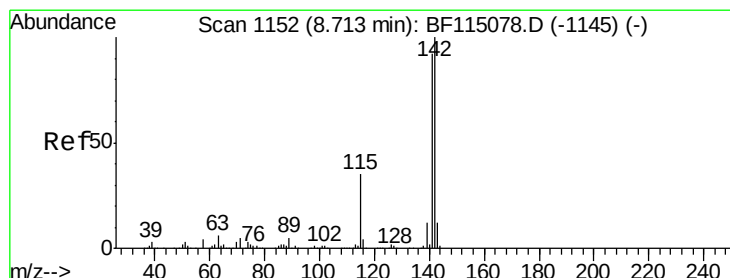
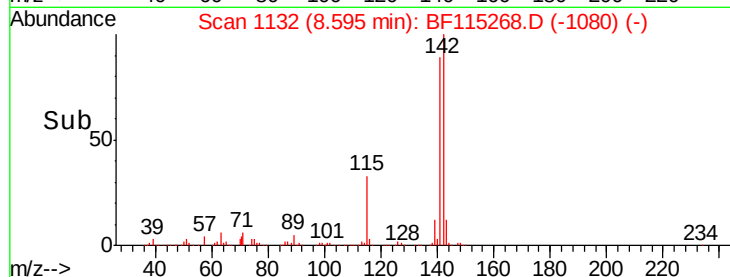
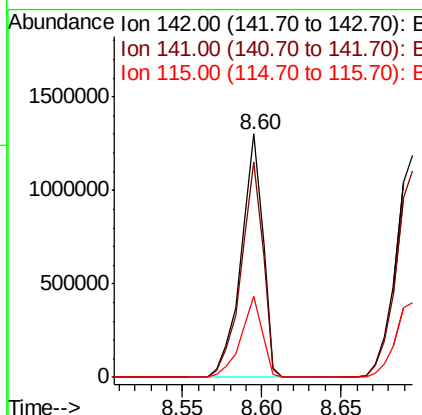
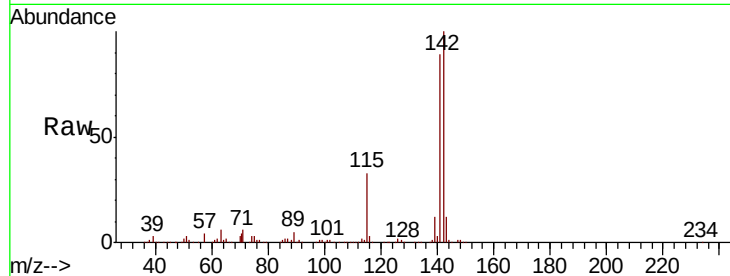
#37
2-Methylnaphthalene
Concen: 45.712 ng
RT: 8.60 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	69.8	104.6
115	33.1	26.7	40.1

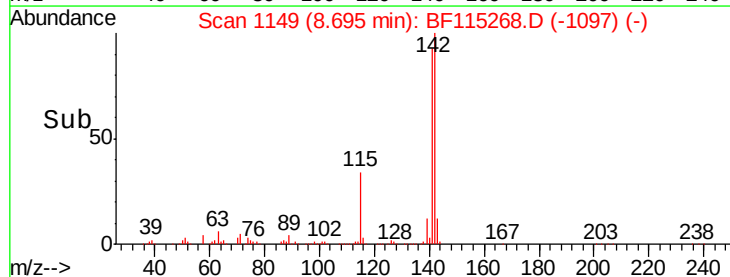
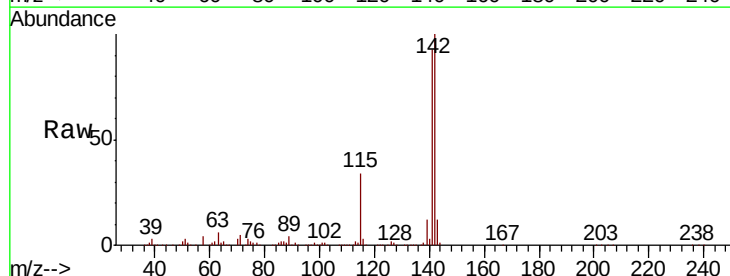
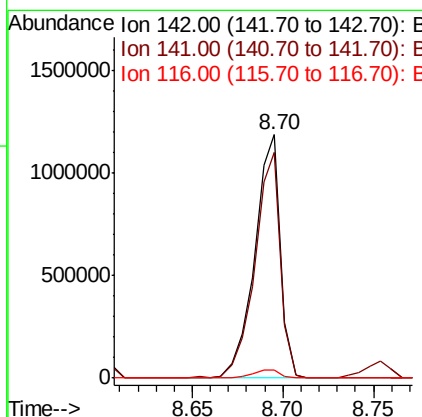
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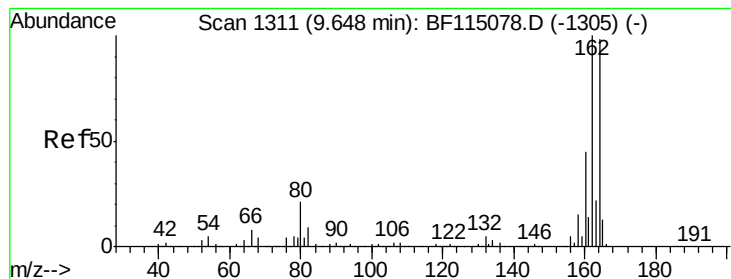
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#38
1-Methylnaphthalene
Concen: 44.883 ng
RT: 8.70 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.8	110.8
116	3.4	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

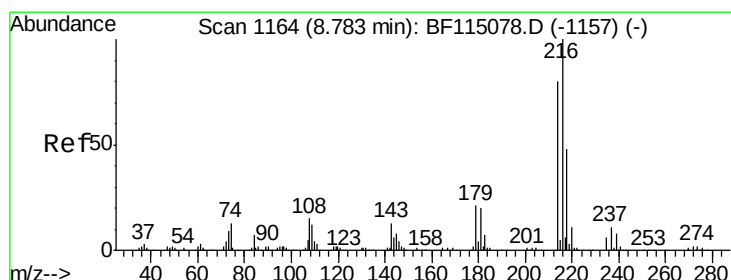
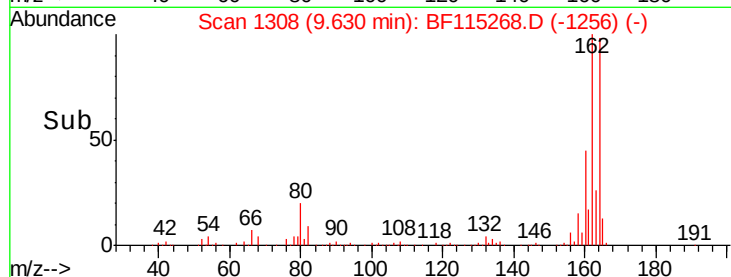
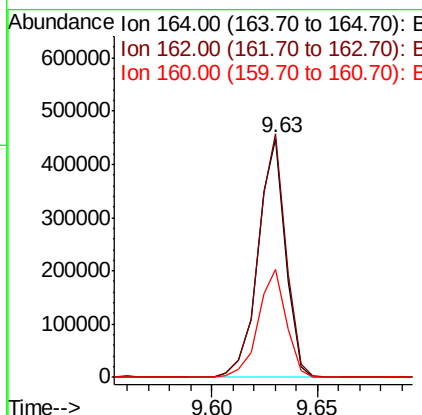
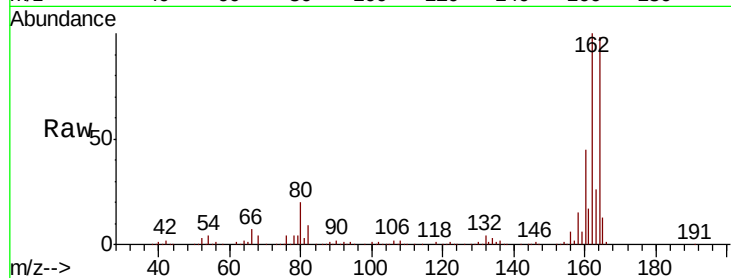
ClientSampleId :

PB120890BS

Tot Ion:	164	Resp:	404684
Ion Ratio	Lower	Upper	
164	100		
162	101.9	81.7	122.5
160	45.4	37.0	55.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.974 ng

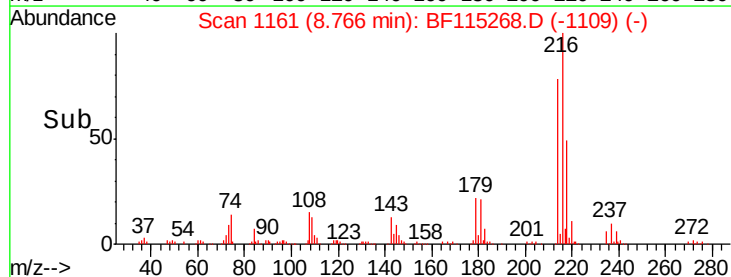
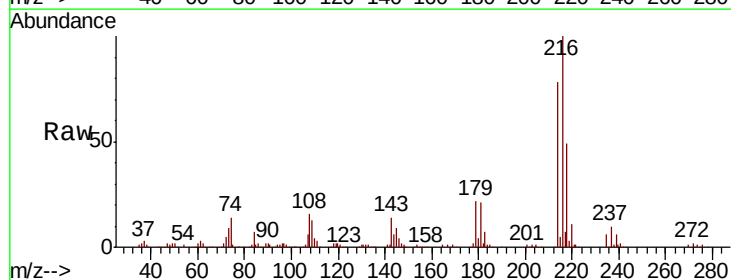
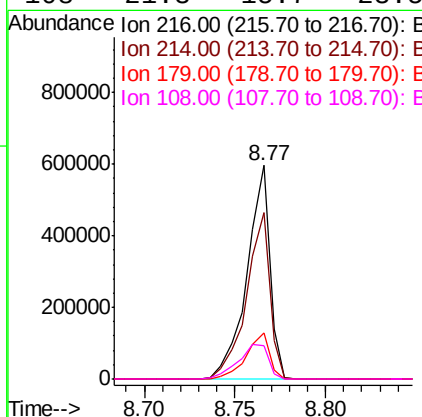
RT: 8.77 min Scan# 1161

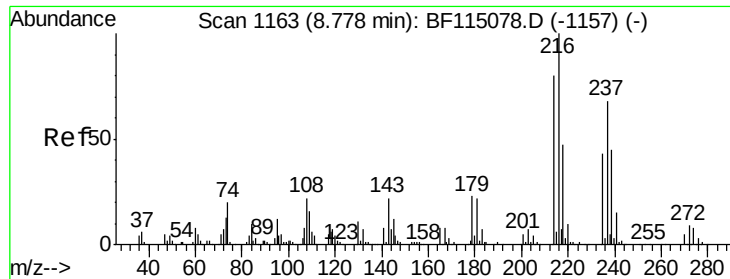
Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Tgt Ion:	216	Resp:	525740
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.8	95.6
179	22.0	17.6	26.4
108	21.3	15.7	23.5





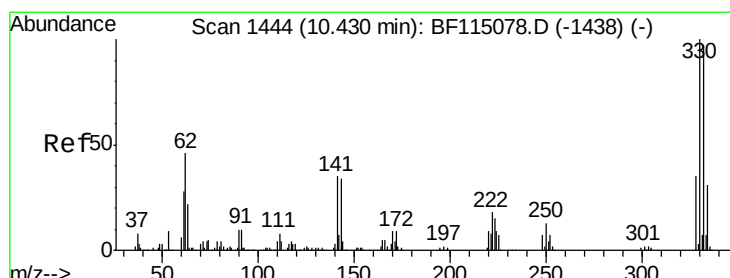
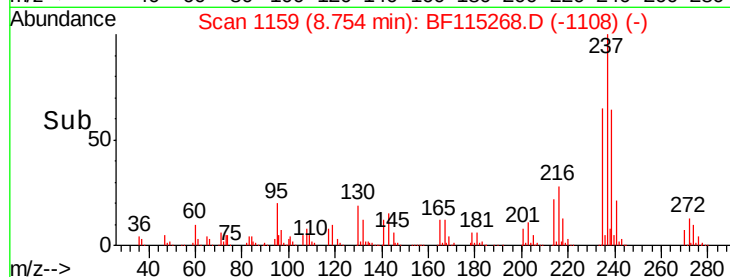
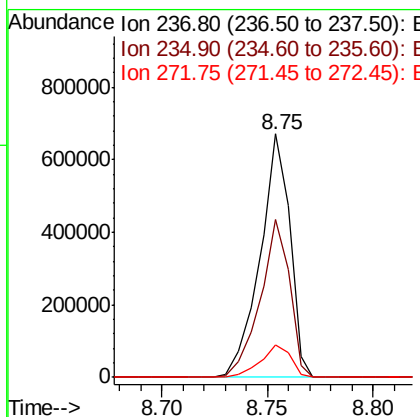
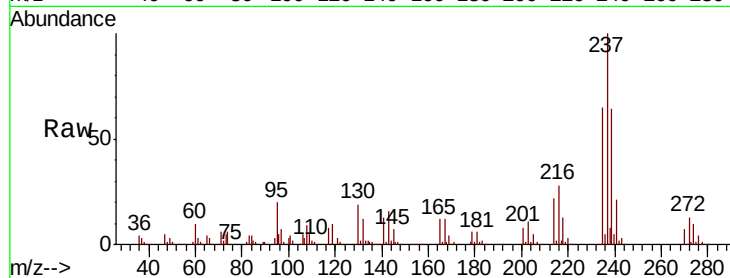
#41
Hexachlorocyclopentadiene
Concen: 97.329 ng
RT: 8.75 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	659979		
235	64.9		43.9	83.9
272	13.4		0.0	33.8

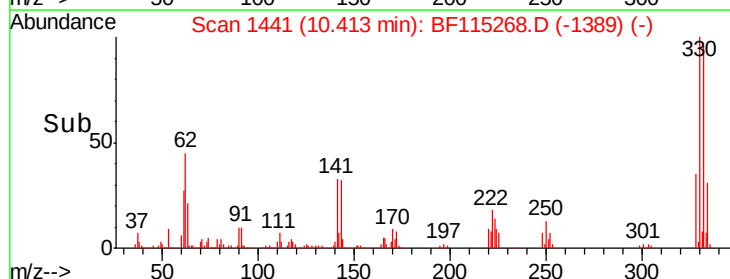
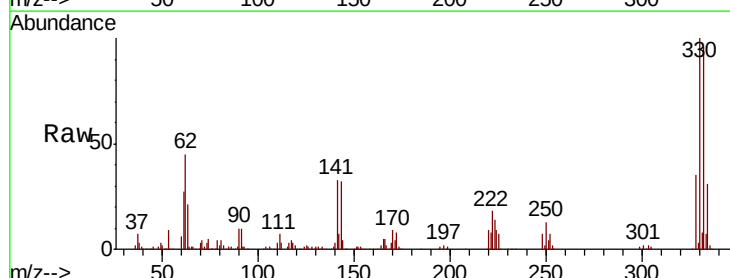
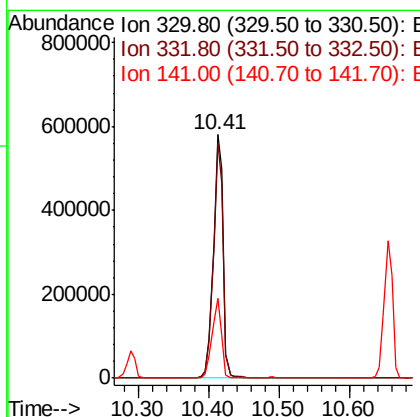
Manual Integrations
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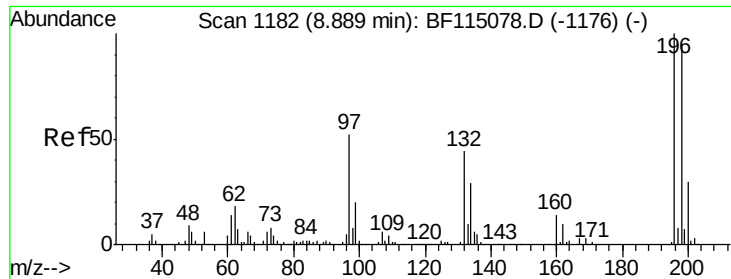
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#42
2,4,6-Tribromophenol
Concen: 133.230 ng
RT: 10.41 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	568565		
332	95.3		77.3	115.9
141	31.5		28.2	42.2





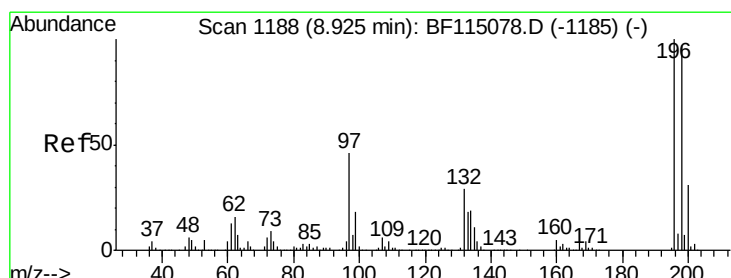
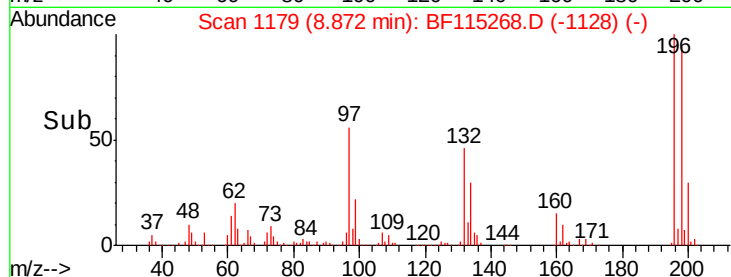
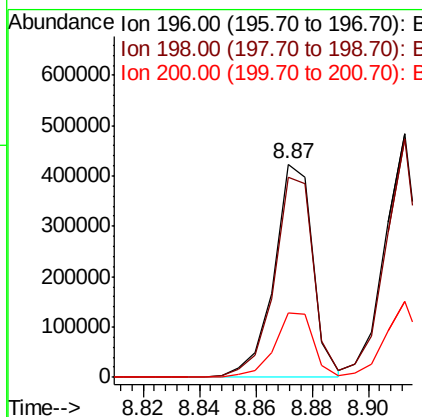
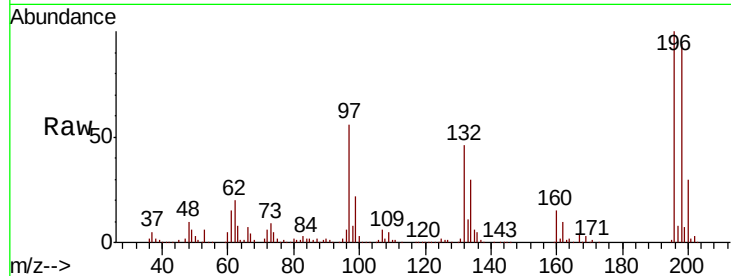
#43
 2,4,6-Trichlorophenol
 Concen: 45.629 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	402843		
198	94.1	76.3	114.5	
200	30.3	24.2	36.4	

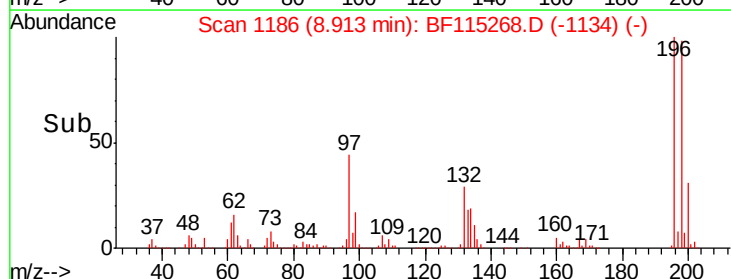
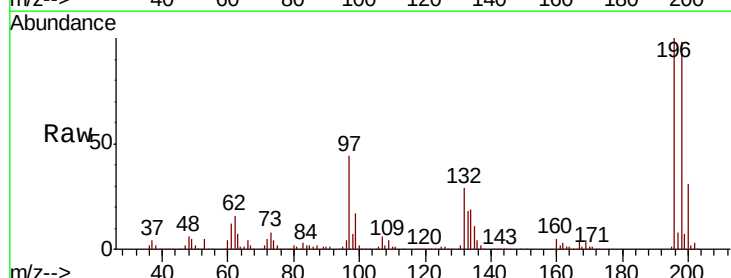
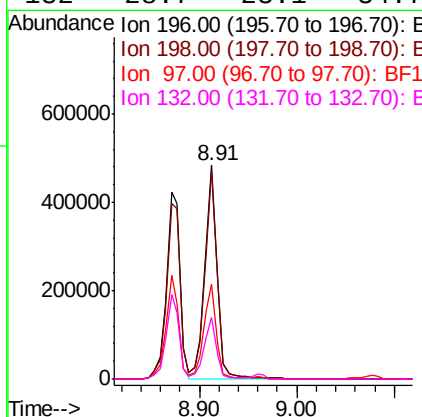
Manual Integrations
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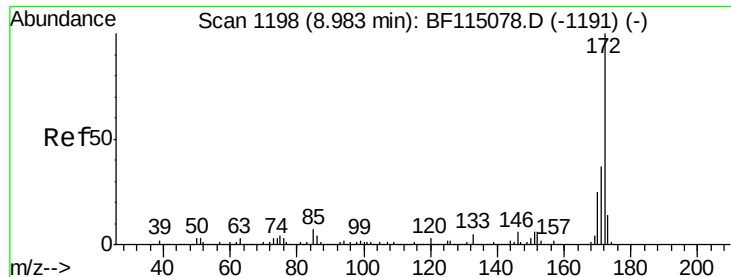
mohammad
 7/1/2019 3:05:29 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.693 ng
 RT: 8.91 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	424528		
198	97.9	77.1	115.7	
97	44.5	37.7	56.5	
132	28.7	23.1	34.7	





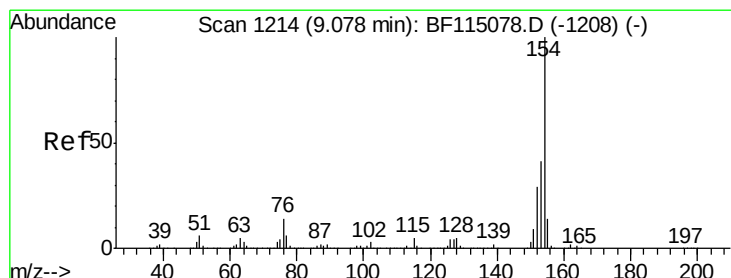
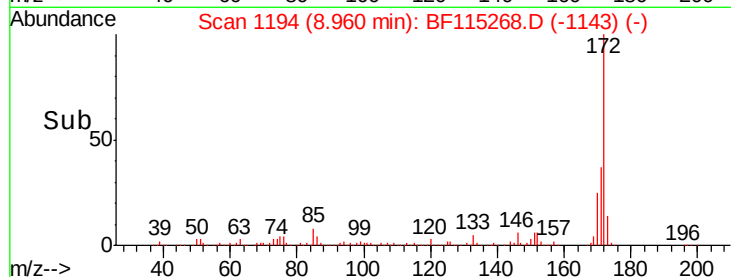
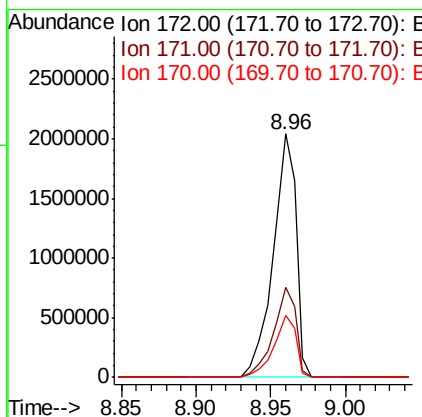
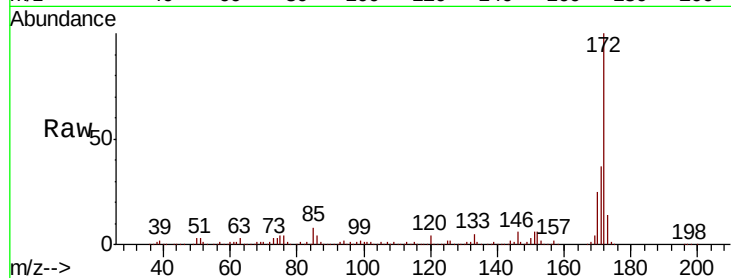
#45
2-Fluorobiphenyl
Concen: 91.323 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	25.5	20.3	30.5

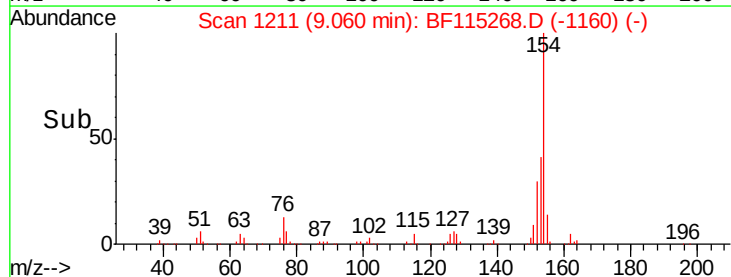
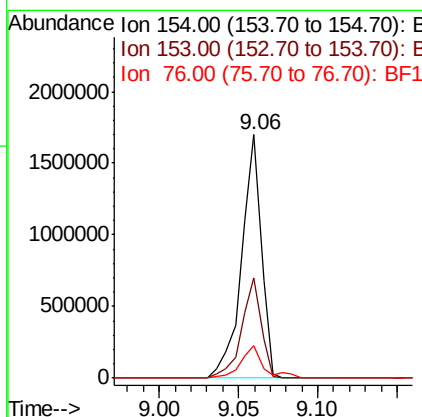
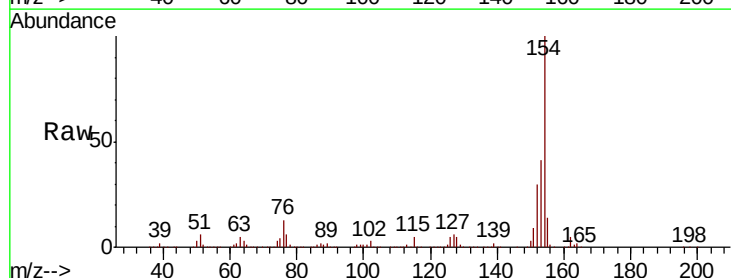
Manual Integrations
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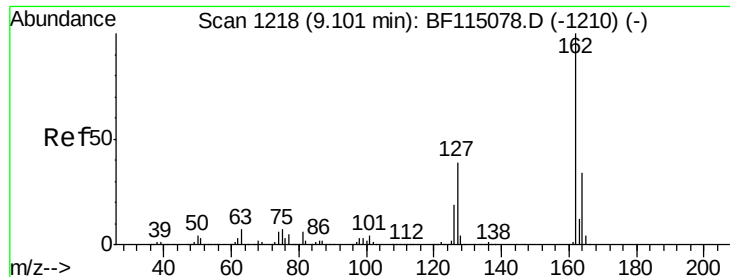
mohammad
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#46
1,1'-Biphenyl
Concen: 45.051 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.9	60.9
76	13.2	0.0	34.1





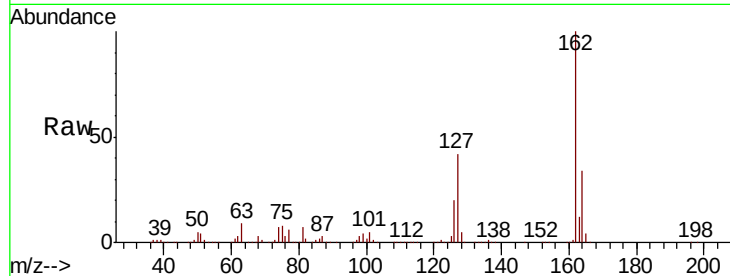
#47
2-Chloronaphthalene
Concen: 44.387 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	30.8	46.2
164	34.0	27.0	40.4

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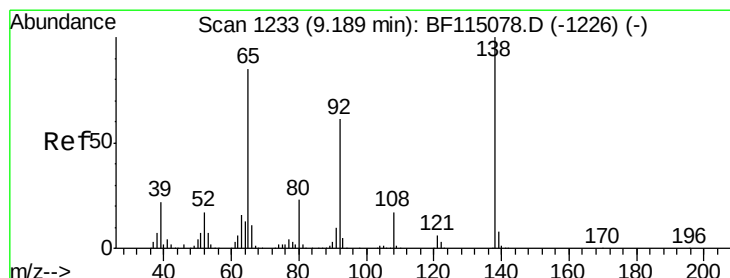
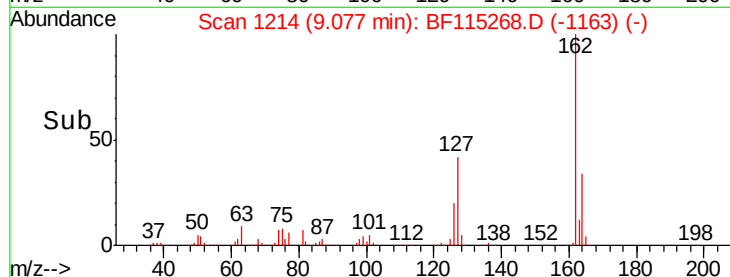
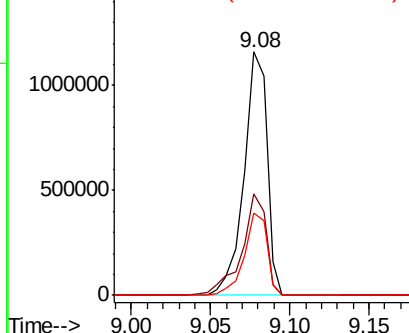


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 42.880 ng
RT: 9.17 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

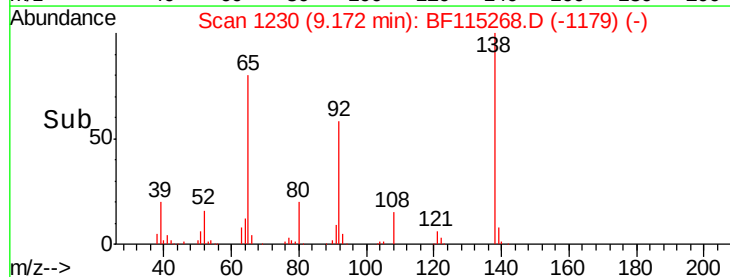
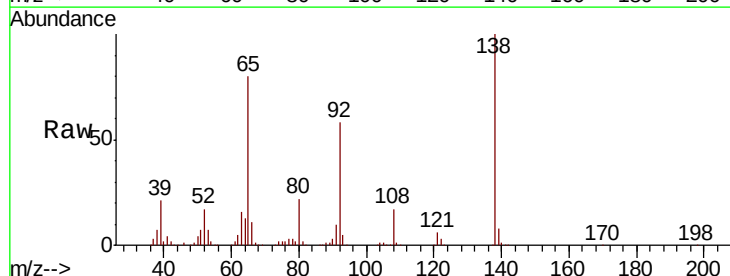
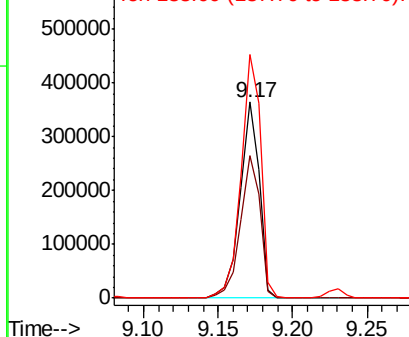
Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	57.4	86.2
138	124.2	94.1	141.1

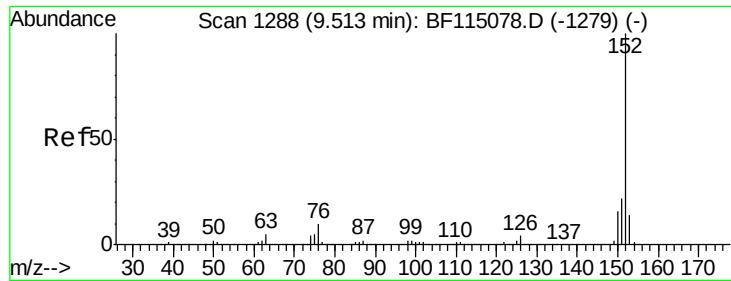
Abundance

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: 44.694 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

ClientSampleId :

PB120890BS

Tot Ion:152 Resp: 1828980

Ion Ratio Lower Upper

152 100

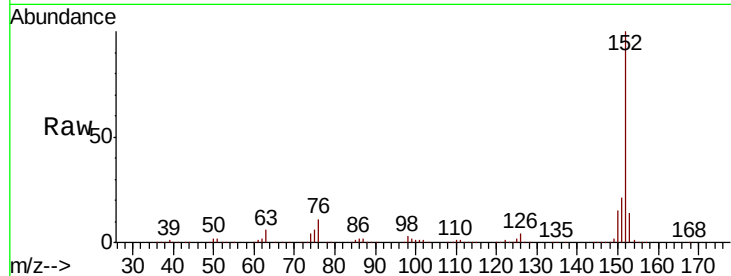
151 21.3 17.2 25.8

153 14.3 11.0 16.6

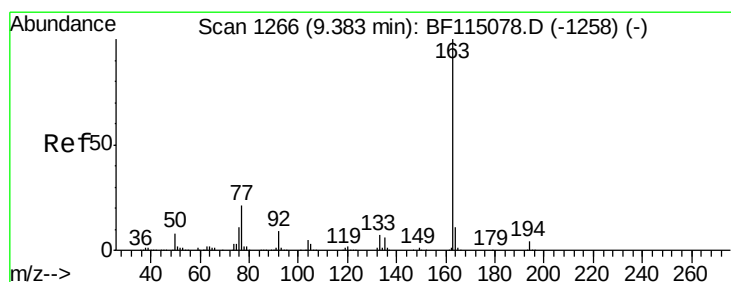
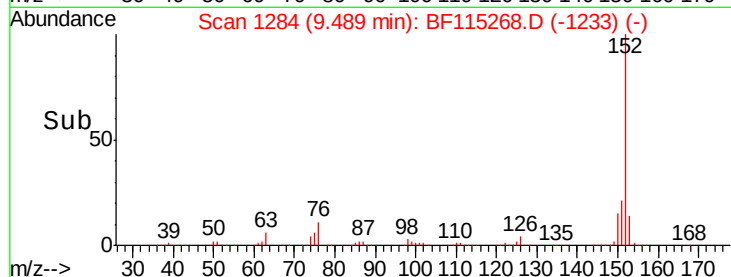
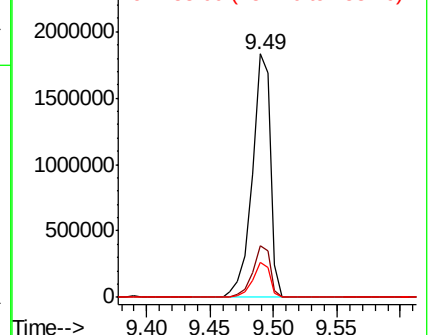
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.242 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

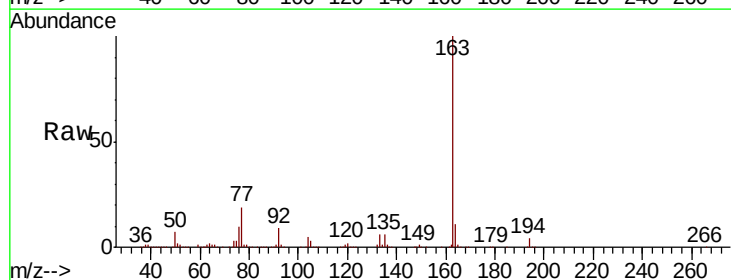
Tgt Ion:163 Resp: 1317243

Ion Ratio Lower Upper

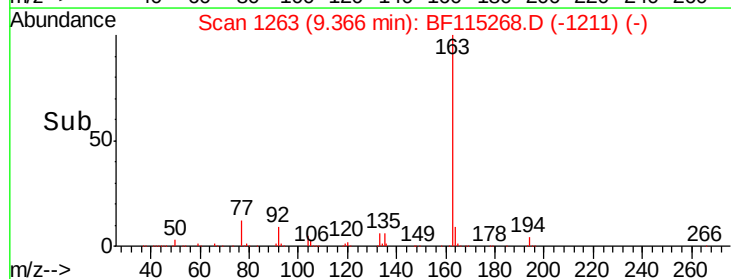
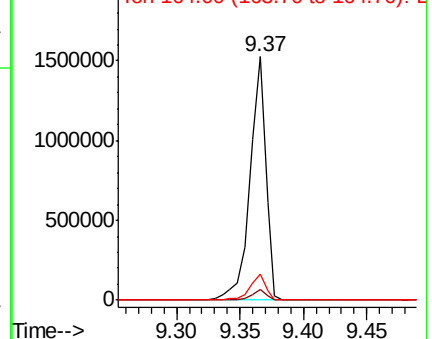
163 100

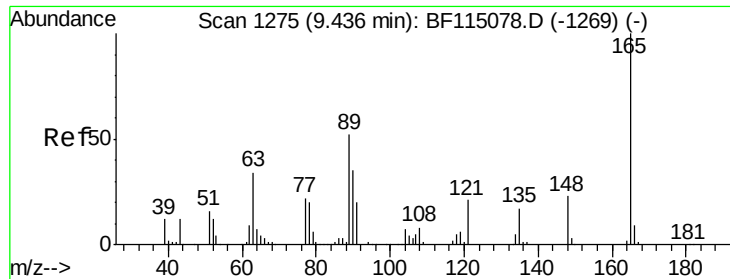
194 4.2 3.2 4.8

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





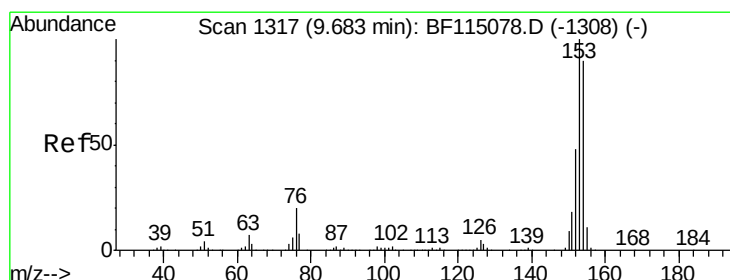
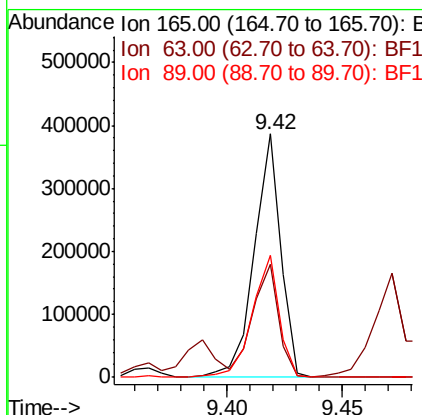
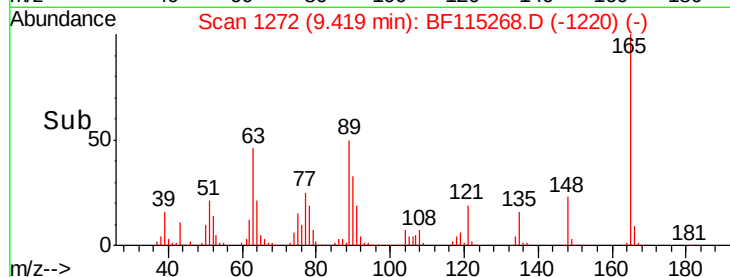
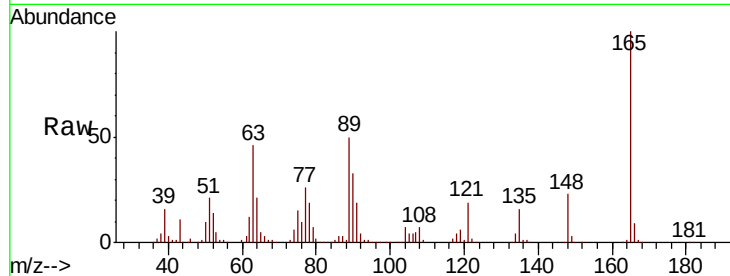
#51
2,6-Dinitrotoluene
Concen: 45.348 ng
RT: 9.42 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	311708		
63	46.4	39.4	59.2	
89	50.0	42.0	63.0	

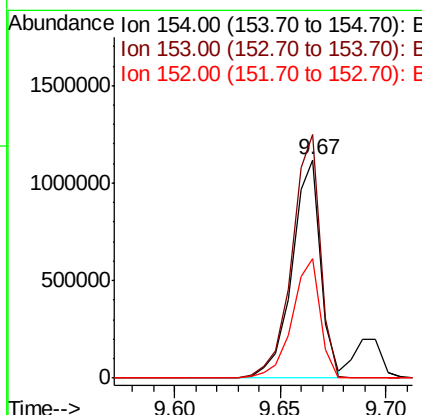
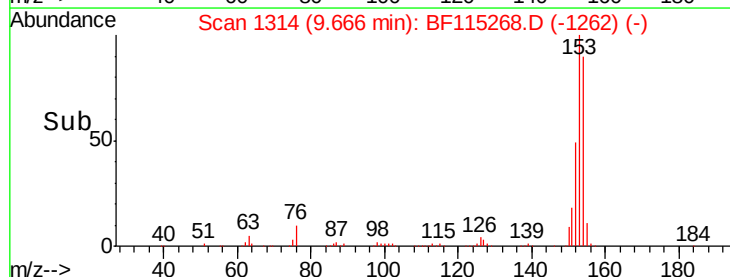
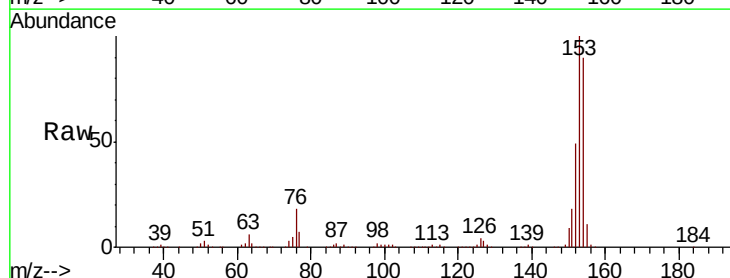
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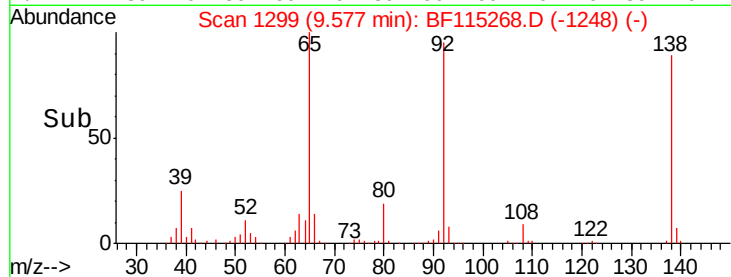
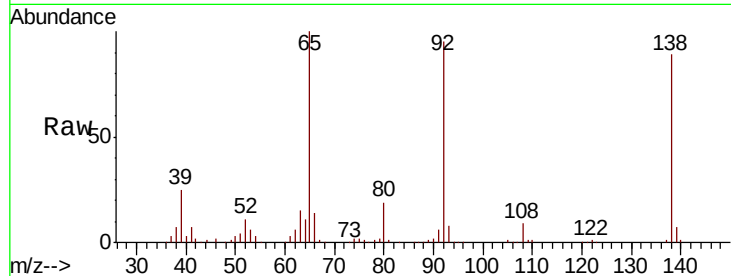
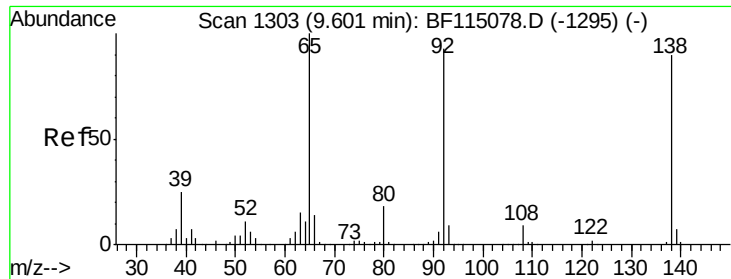
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#52
Acenaphthene
Concen: 41.322 ng
RT: 9.67 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1058145		
153	111.5	88.7	133.1	
152	54.6	42.6	64.0	





#53

3-Nitroaniline

Concen: 28.830 ng

RT: 9.58 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Tot Ion:	138	Resp:	241837
Ion Ratio	Lower	Upper	
138	100		
108	9.9	7.8	11.6
92	107.0	82.9	124.3

Instrument :

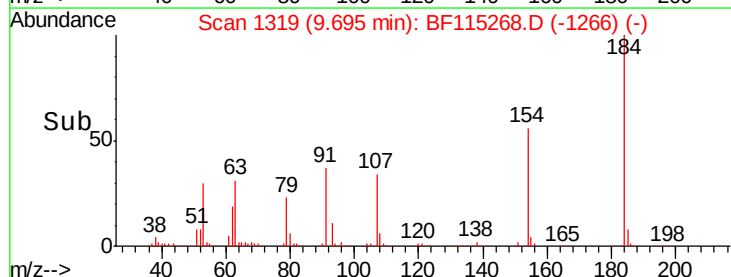
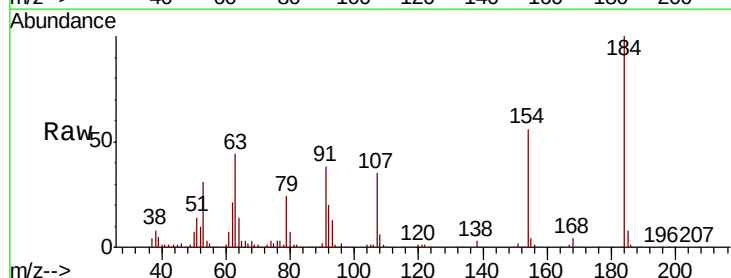
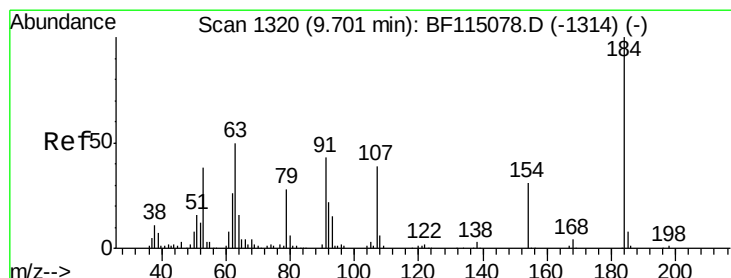
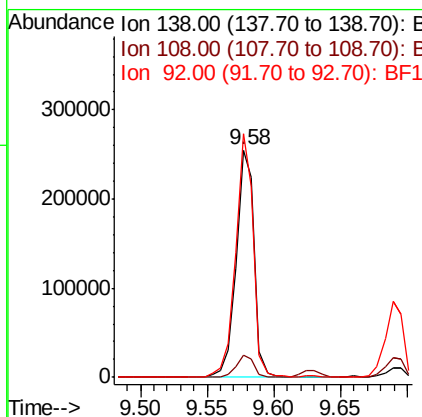
BNA_F

ClientSampleId :

PB120890BS

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#54

2,4-Dinitrophenol

Concen: 95.578 ng

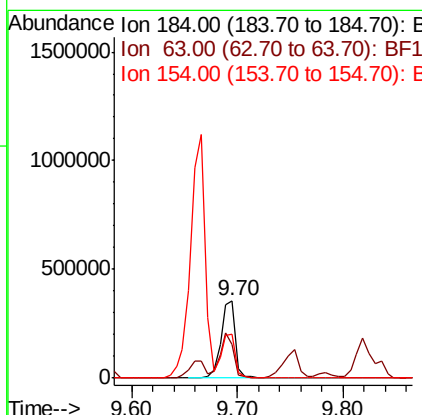
RT: 9.70 min Scan# 1319

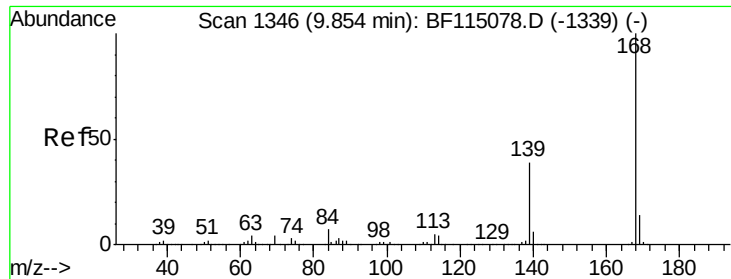
Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Tgt Ion:	184	Resp:	343632
Ion Ratio	Lower	Upper	
184	100		
63	43.6	41.9	62.9
154	56.1	44.7	67.1





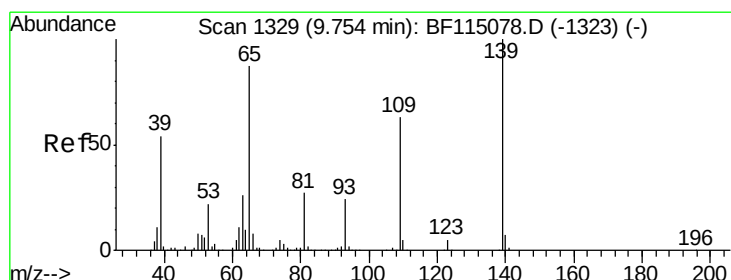
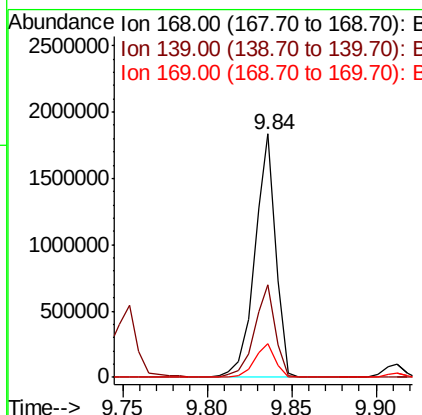
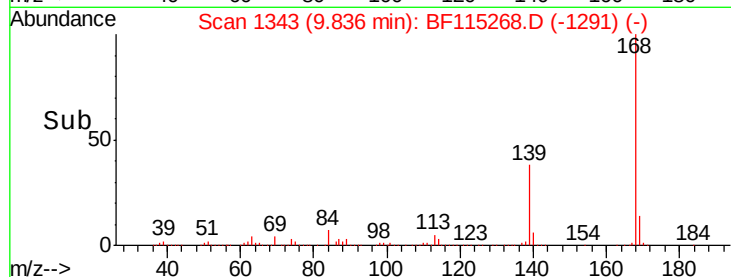
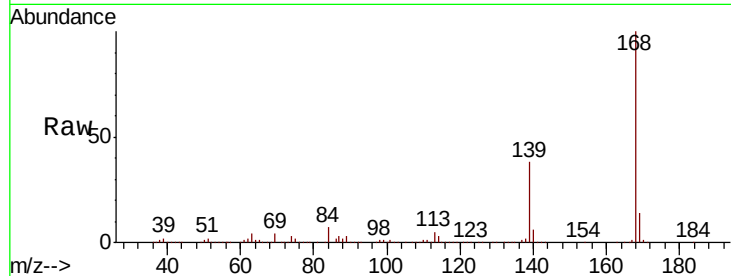
#55
Dibenzofuran
Concen: 43.186 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tot Ion:168 Resp: 1587232
Ion Ratio Lower Upper
168 100
139 38.3 31.1 46.7
169 14.0 11.3 16.9

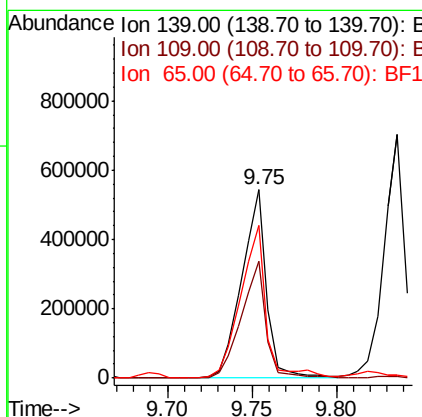
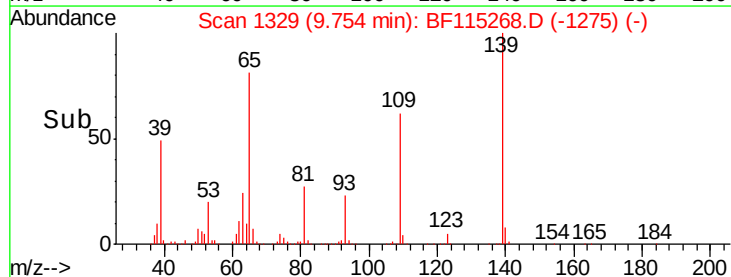
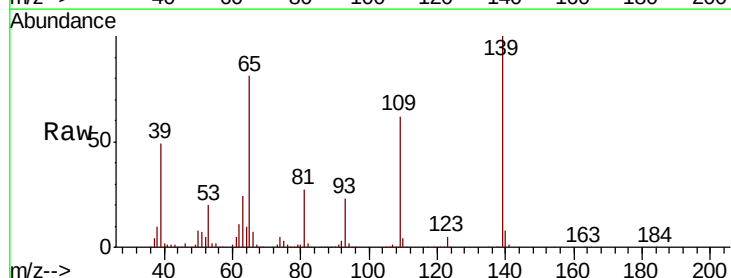
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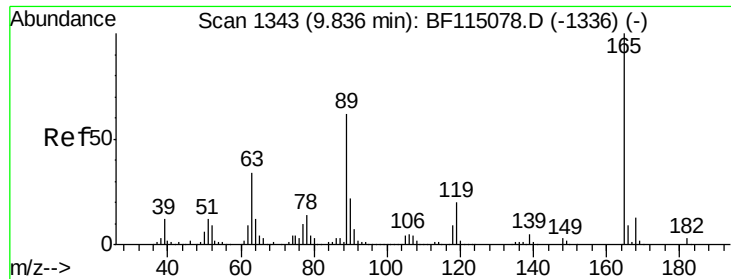
mohammad
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#56
4-Nitrophenol
Concen: 83.042 ng
RT: 9.75 min Scan# 1329
Delta R.T. 0.02 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion:139 Resp: 558450
Ion Ratio Lower Upper
139 100
109 62.0 43.0 83.0
65 81.0 67.0 107.0





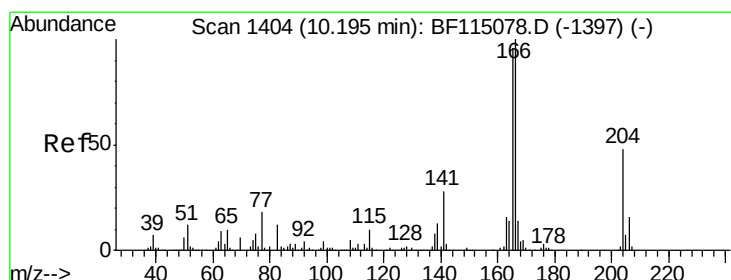
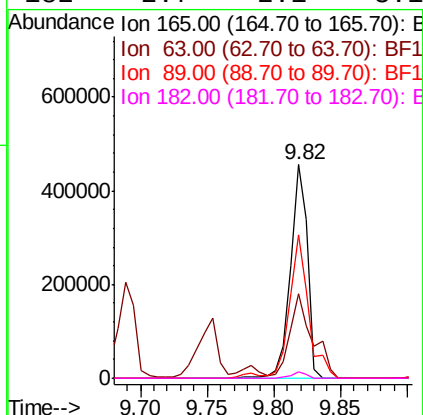
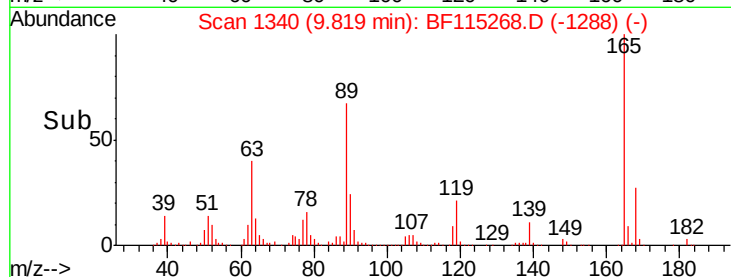
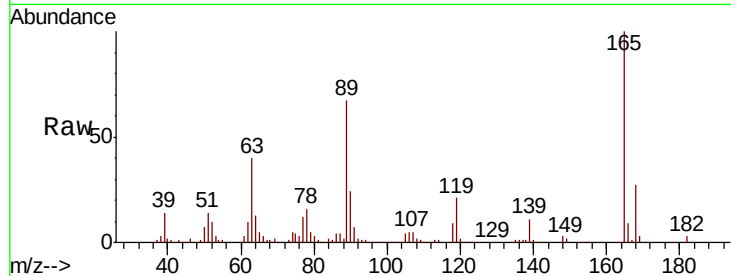
#57
2,4-Dinitrotoluene
Concen: 45.953 ng
RT: 9.82 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		407851		
63	39.8	27.5	41.3		
89	67.3	49.9	74.9		
182	2.7	2.1	3.1		

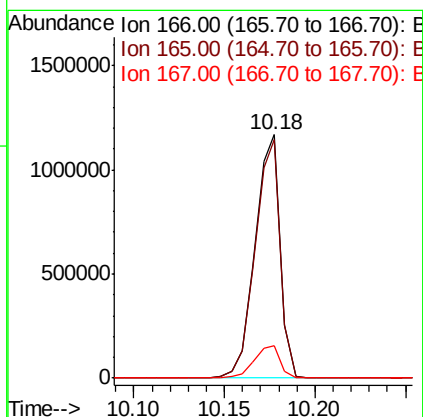
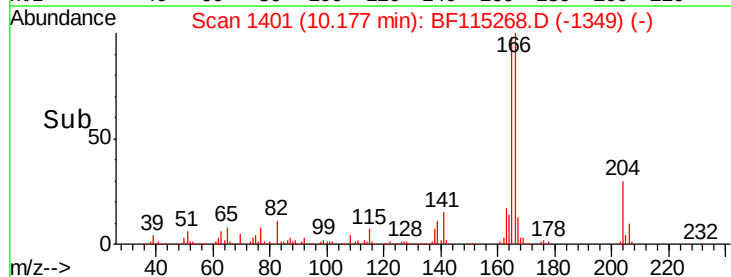
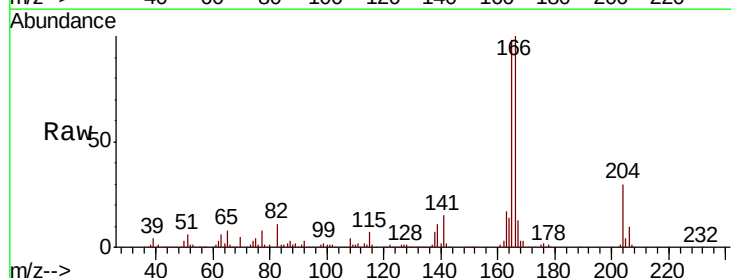
Manual Integrations
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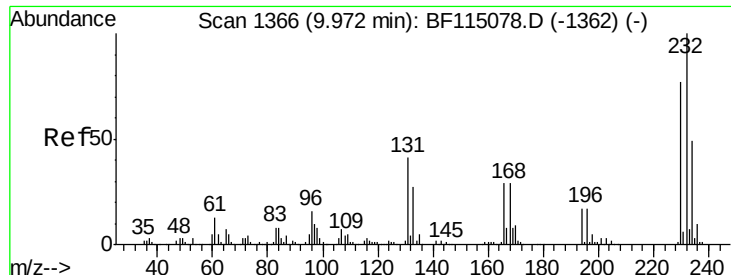
mohammad
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#58
Fluorene
Concen: 45.983 ng
RT: 10.18 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1121689		
165	98.1	76.5	114.7		
167	13.5	11.0	16.4		





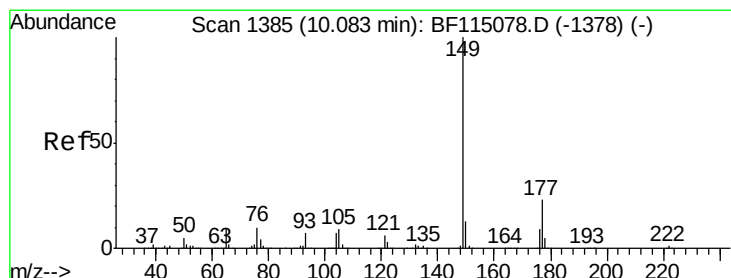
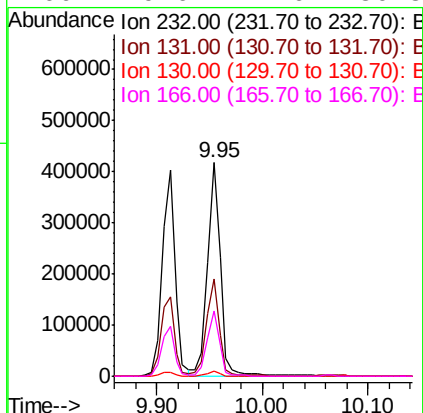
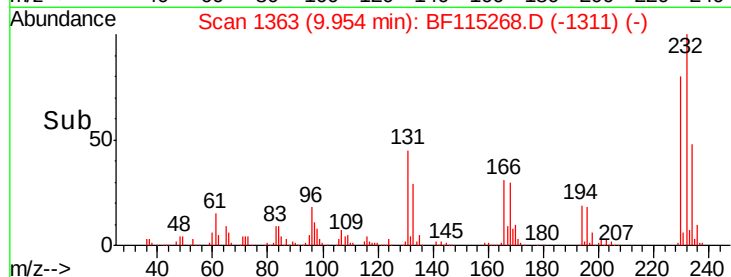
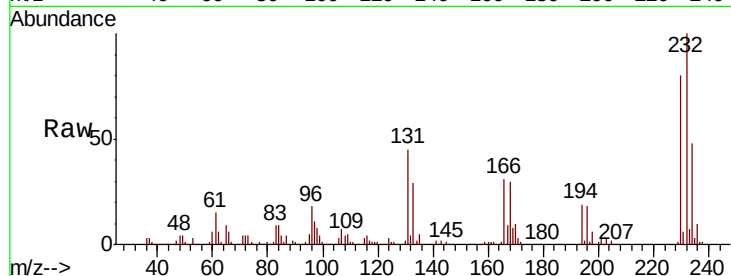
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.726 ng
 RT: 9.95 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.7	37.4	56.0
130	2.2	1.8	2.6
166	29.6	24.6	36.8

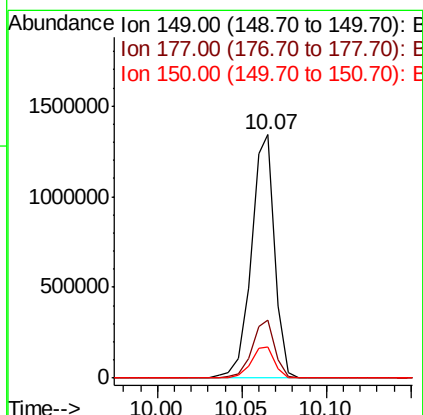
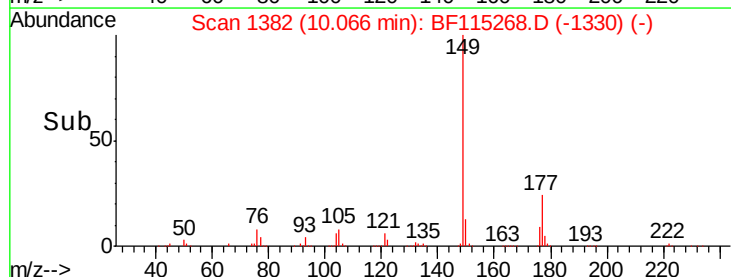
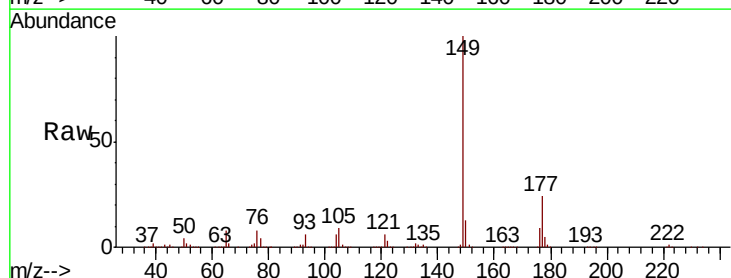
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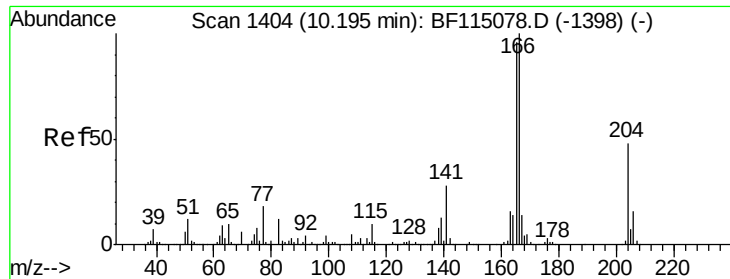
mohammad
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#60
 Diethylphthalate
 Concen: 43.260 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.7	28.1
150	12.6	10.4	15.6





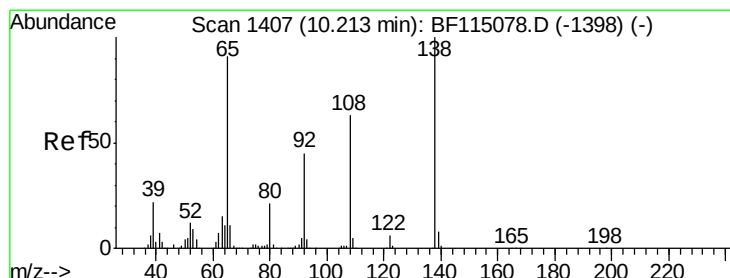
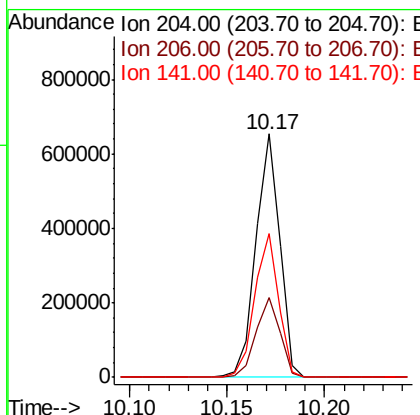
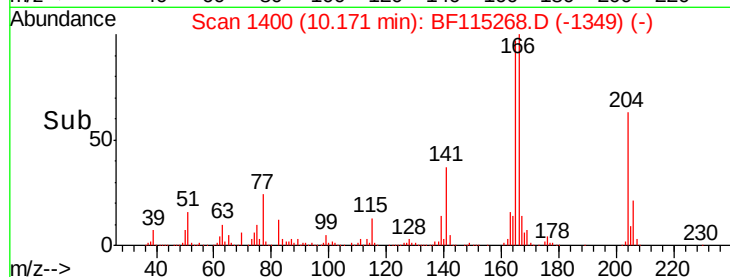
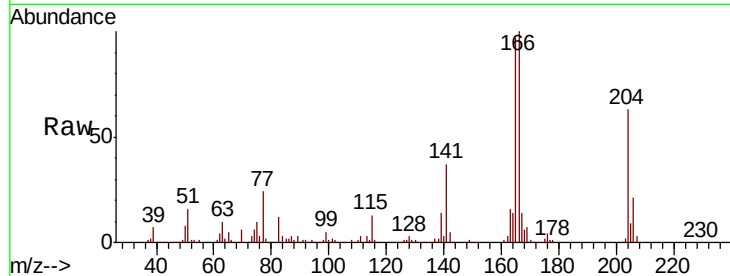
#61
4-Chlorophenyl-phenylether
Concen: 48.253 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampled :
PB120890BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	555401		
206	33.0	26.6	40.0	
141	59.0	46.7	70.1	

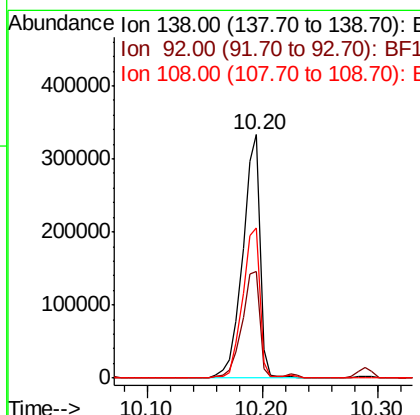
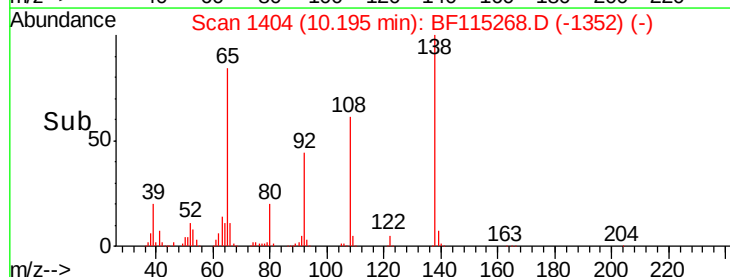
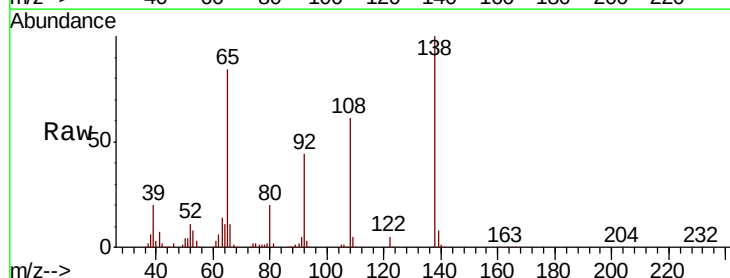
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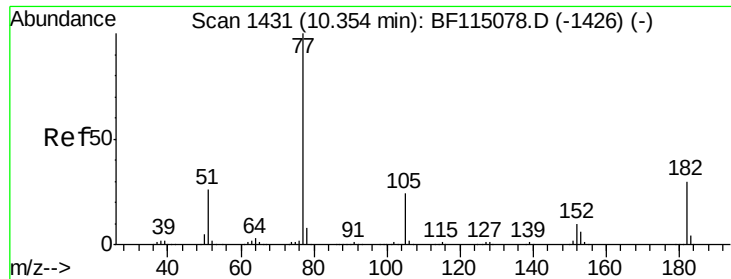
mohammad
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#62
4-Nitroaniline
Concen: 41.323 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	347734		
92	43.7	24.8	64.8	
108	61.5	43.3	83.3	





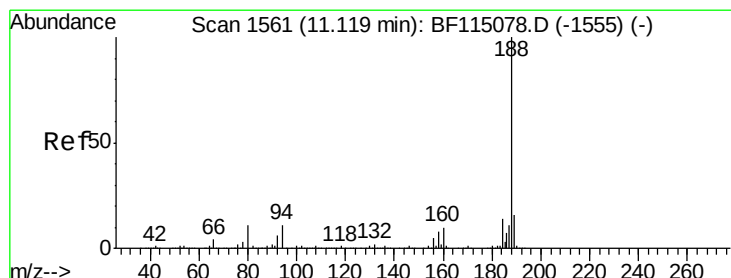
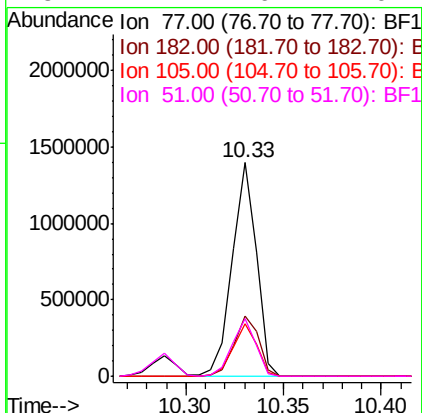
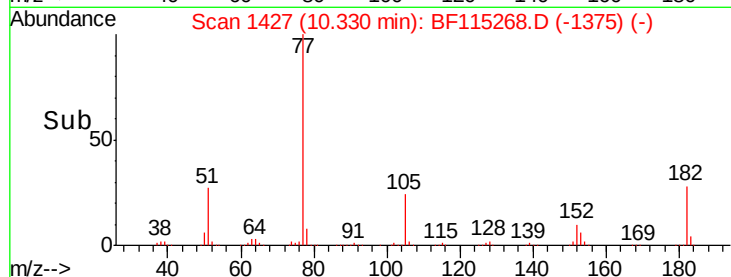
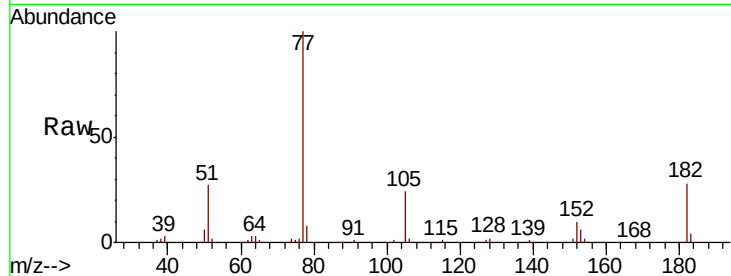
#63
Azobenzene
Concen: 43.098 ng
RT: 10.33 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.5	10.1	50.1	
105	24.3	4.5	44.5	
51	27.1	6.4	46.4	

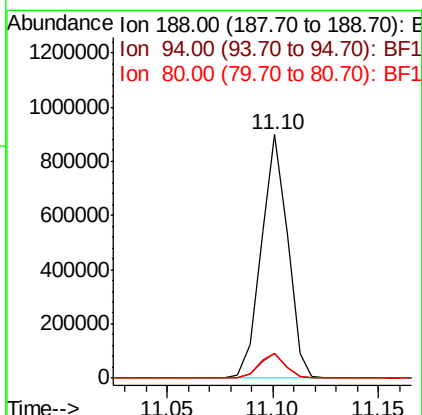
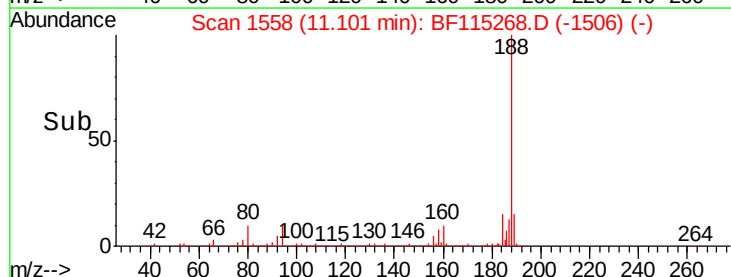
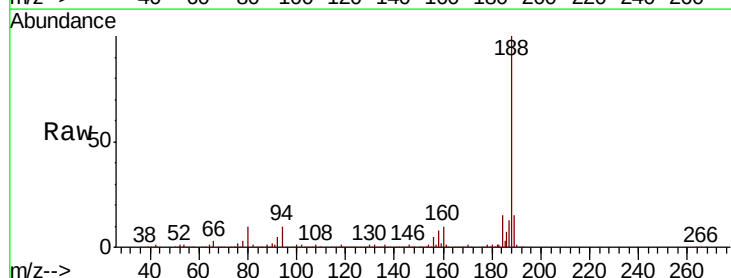
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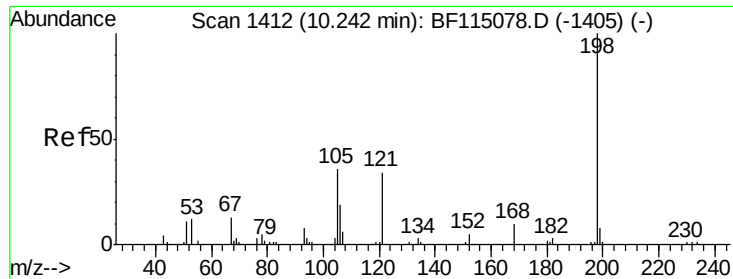
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.0	8.6	12.8	
80	10.1	8.8	13.2	





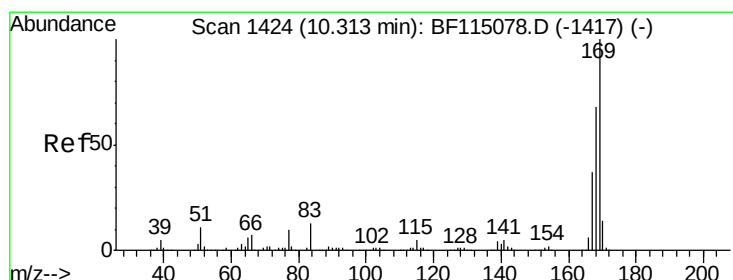
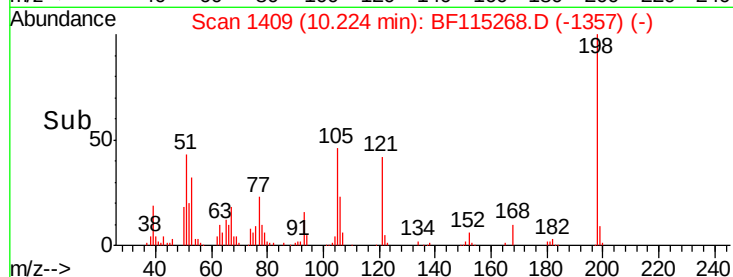
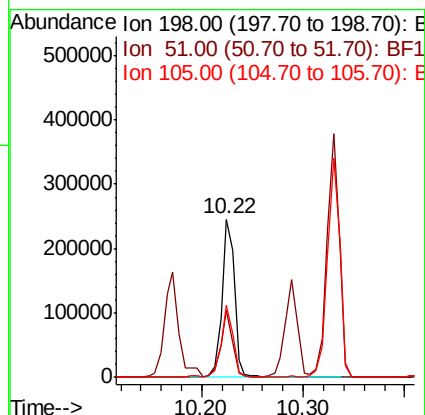
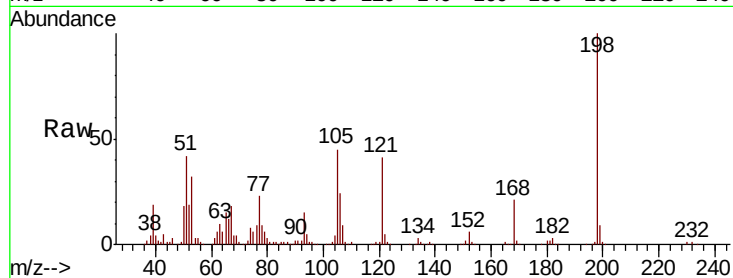
#65
4,6-Dinitro-2-methylphenol
Concen: 50.534 ng
RT: 10.22 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	211527		
51	42.3	11.0	51.0	
105	45.3	17.3	57.3	

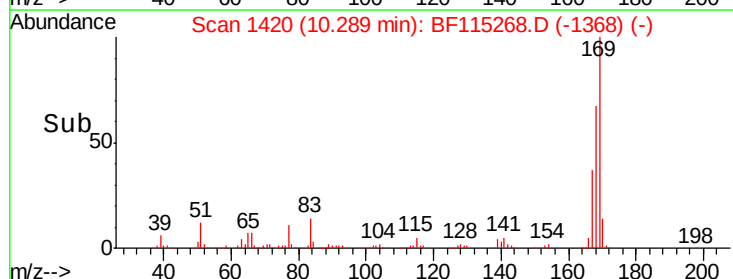
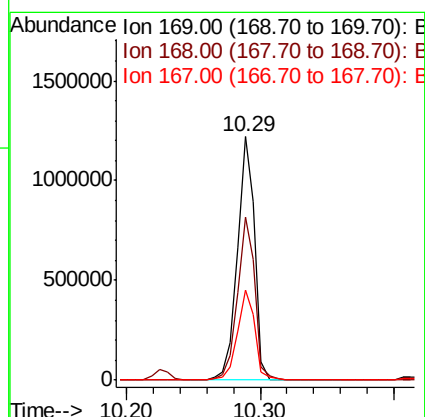
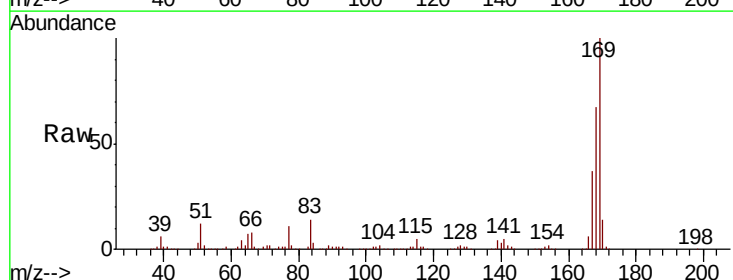
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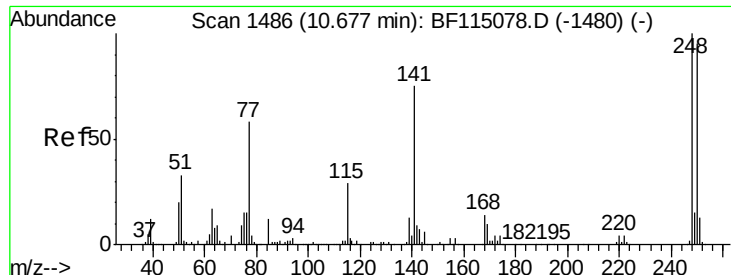
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#66
n-Nitrosodiphenylamine
Concen: 45.213 ng
RT: 10.29 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1101777		
168	66.7	54.2	81.4	
167	36.9	29.4	44.0	





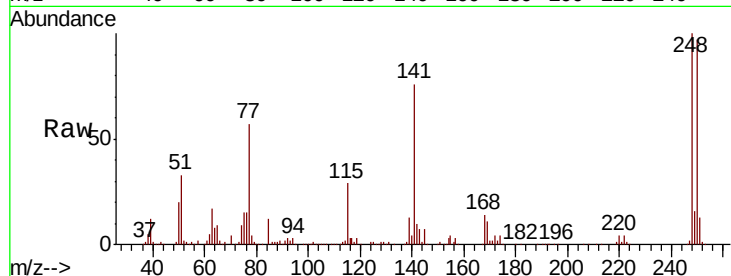
#67
 4-Bromophenyl-phenylether
 Concen: 45.494 ng
 RT: 10.65 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BS

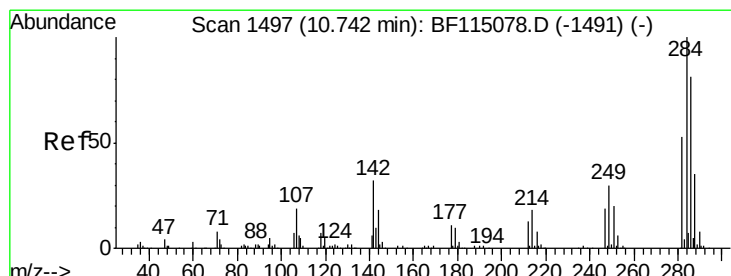
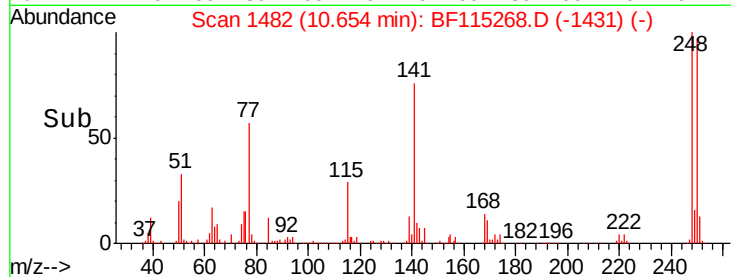
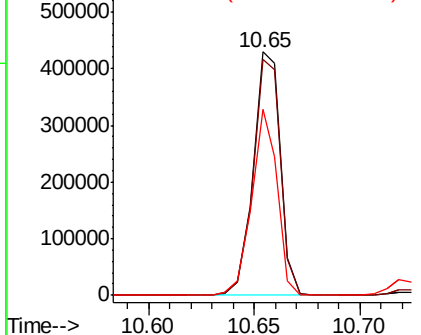
Tot Ion:	248	Resp:	385805
Ion Ratio	Lower	Upper	
248	100		
250	96.8	76.2	114.2
141	76.4	59.6	89.4

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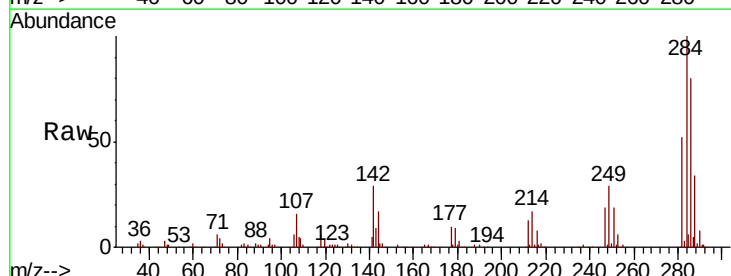


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

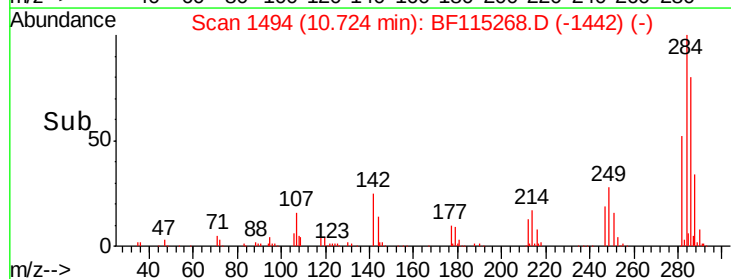
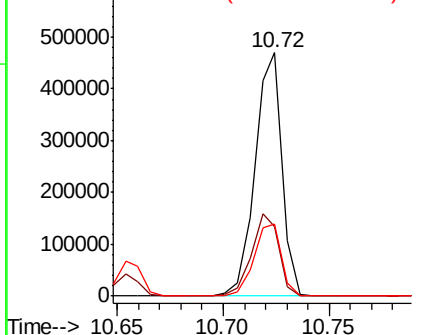


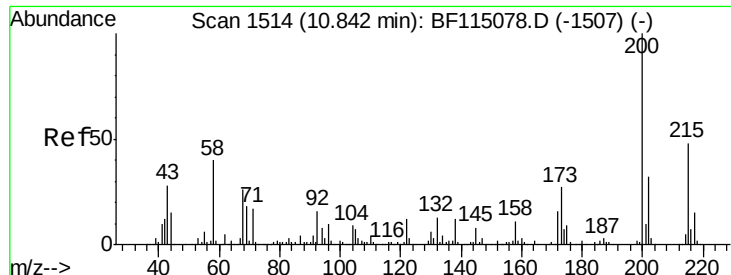
#68
 Hexachlorobenzene
 Concen: 45.369 ng
 RT: 10.72 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Tgt Ion:	284	Resp:	417613
Ion Ratio	Lower	Upper	
284	100		
142	28.7	25.8	38.8
249	29.4	24.2	36.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





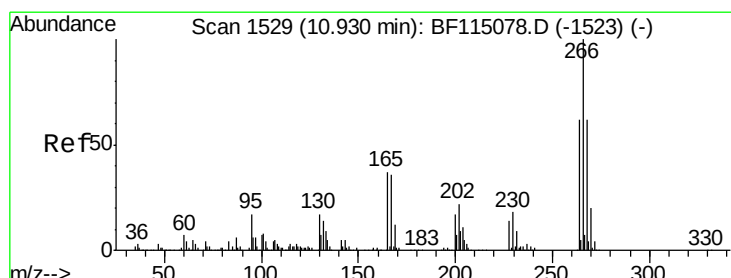
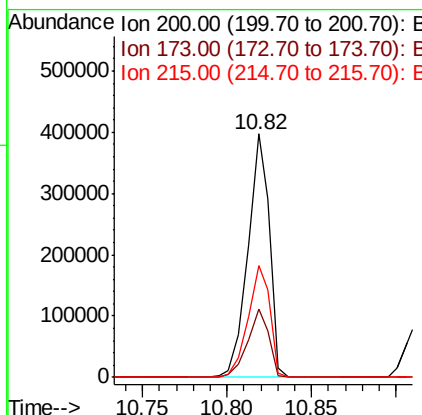
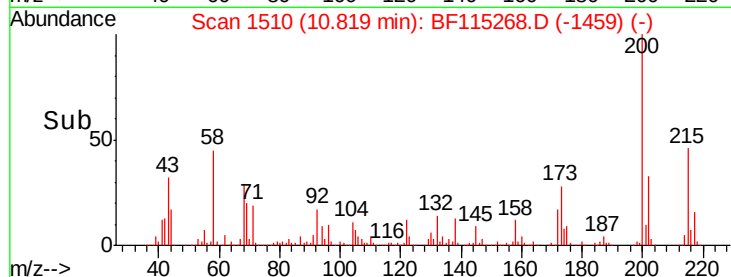
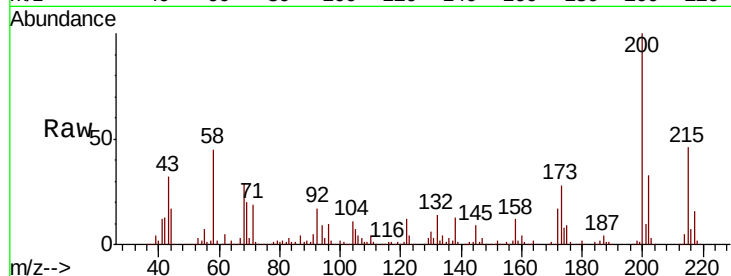
#69
Atrazine
Concen: 45.302 ng
RT: 10.82 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleID :
PB120890BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.3	7.4	47.4
215	46.0	27.8	67.8

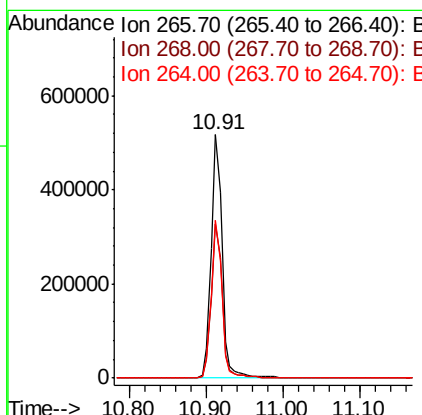
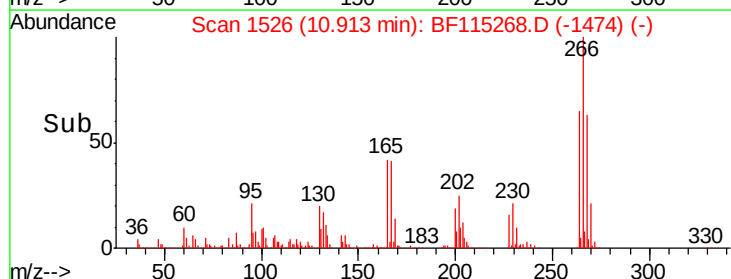
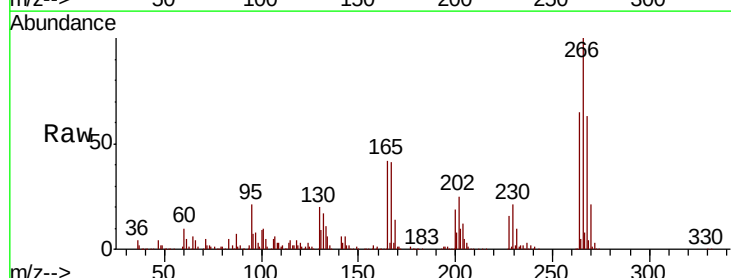
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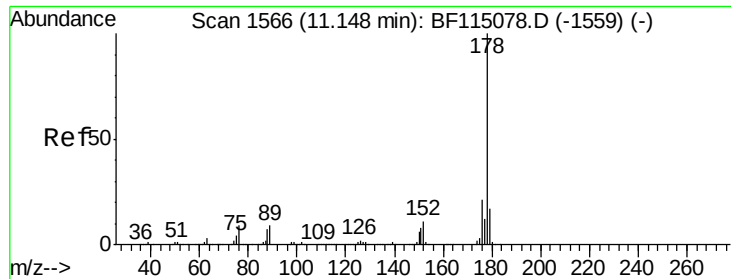
mohammad
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#70
Pentachlorophenol
Concen: 86.777 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.4	49.5	74.3
264	65.0	49.3	73.9





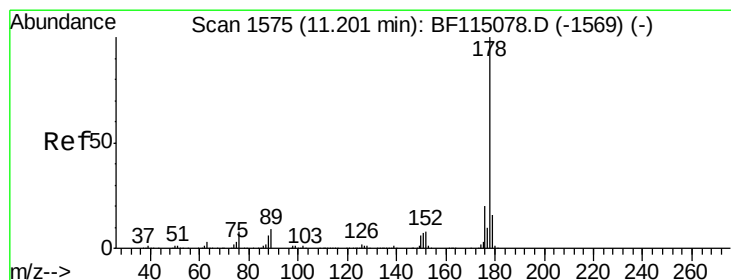
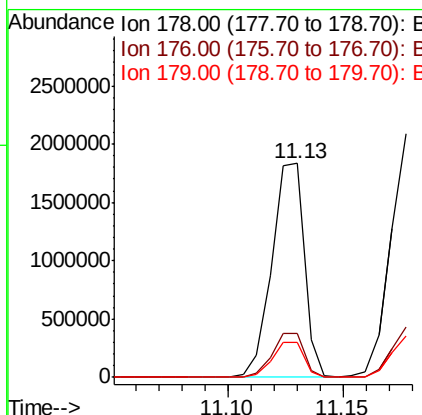
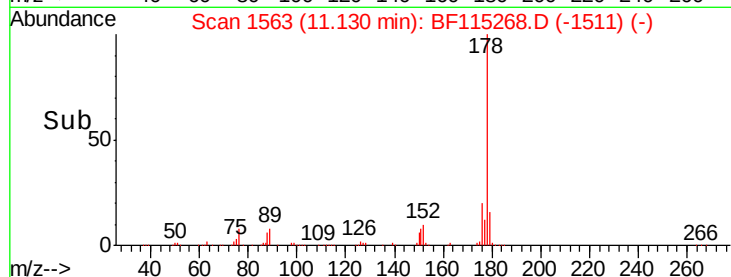
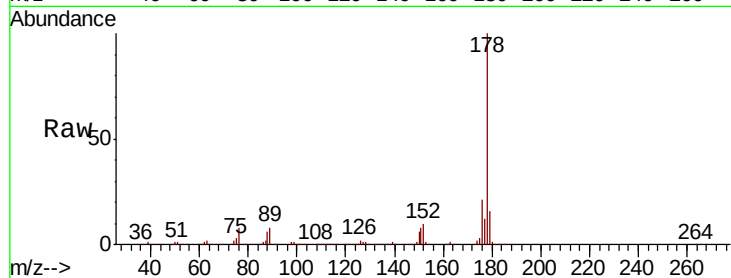
#71
Phenanthrene
Concen: 42.519 ng
RT: 11.13 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tot Ion:178 Resp: 1790622
Ion Ratio Lower Upper
178 100
176 20.6 16.9 25.3
179 16.1 13.2 19.8

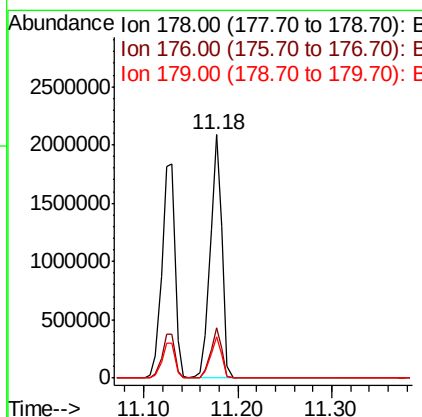
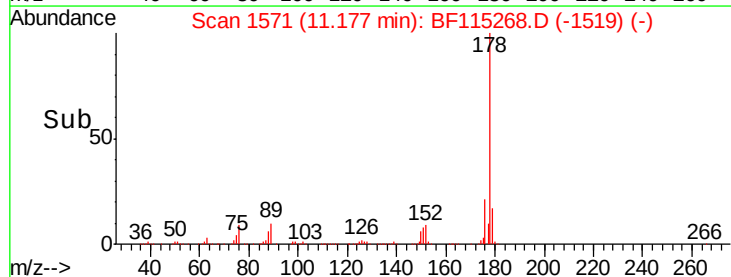
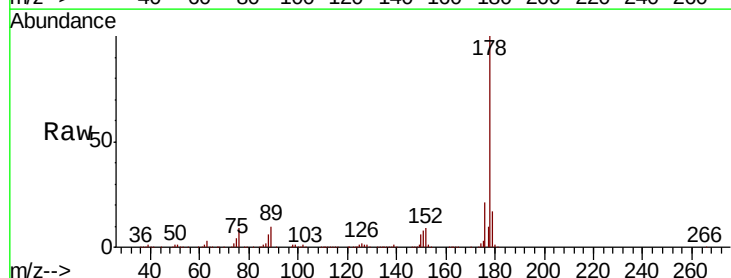
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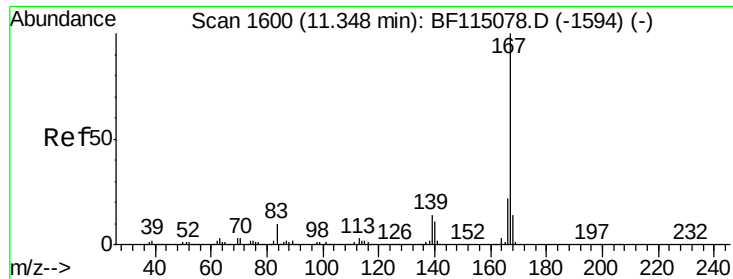
mohammad
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#72
Anthracene
Concen: 43.304 ng
RT: 11.18 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion:178 Resp: 1840849
Ion Ratio Lower Upper
178 100
176 20.5 16.1 24.1
179 16.8 12.9 19.3





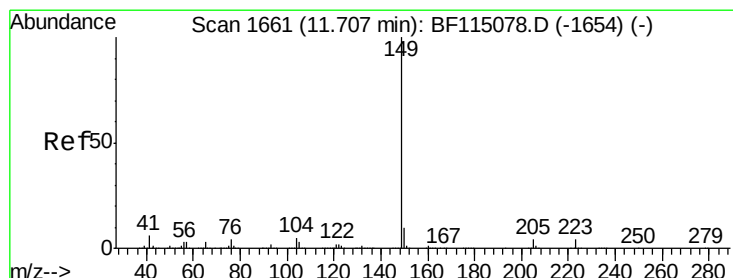
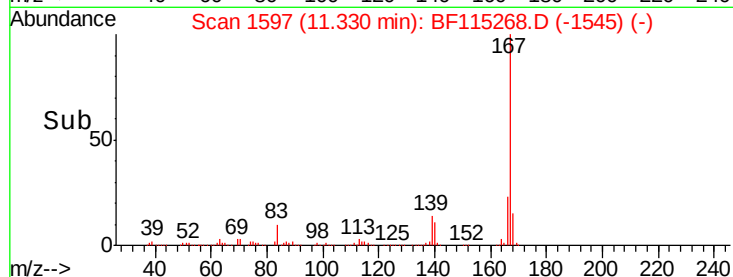
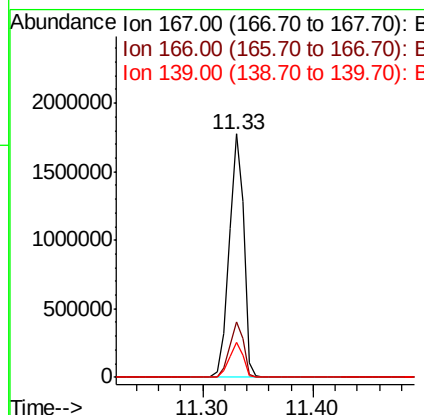
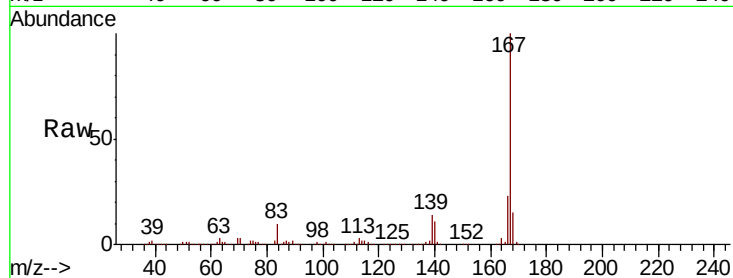
#73
 Carbazole
 Concen: 43.200 ng
 RT: 11.33 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.0	27.0
139	14.3	11.1	16.7

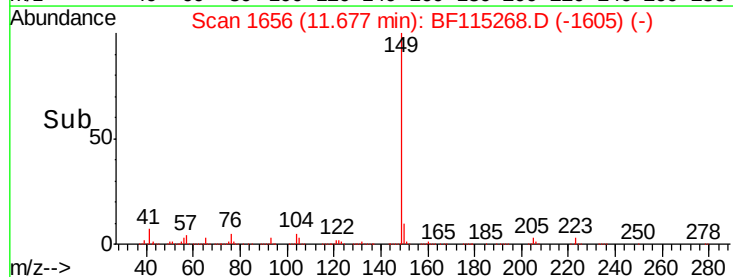
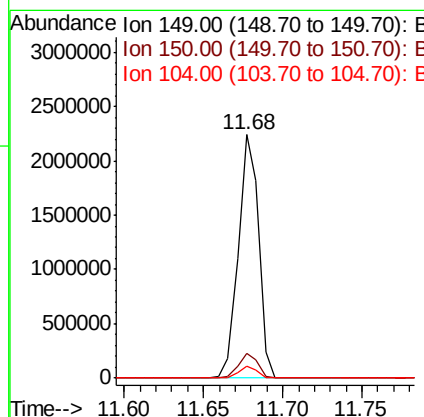
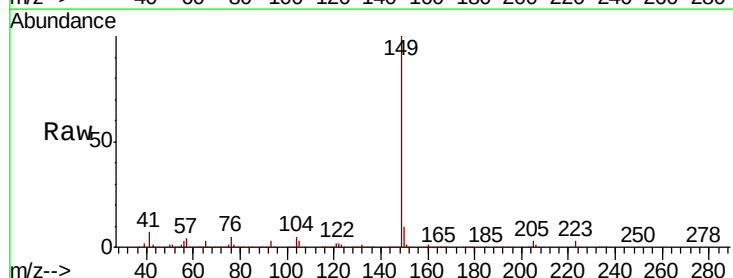
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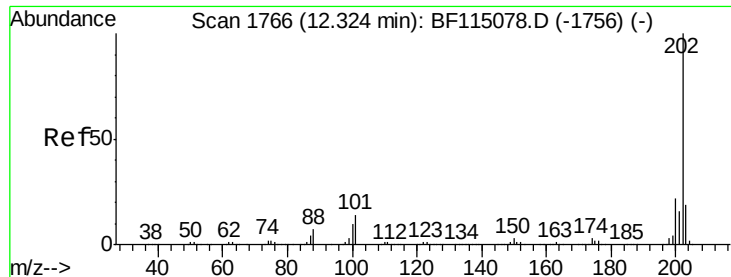
mohammad
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#74
 Di-n-butylphthalate
 Concen: 45.149 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.8
104	4.9	3.7	5.5





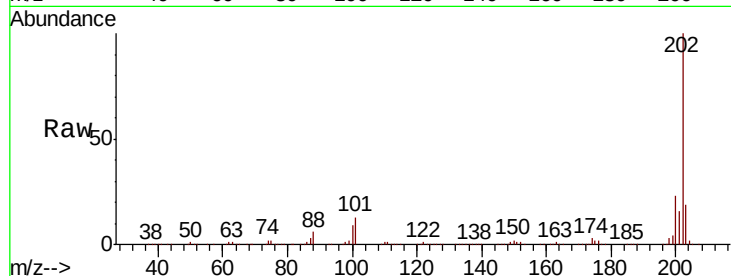
#75
 Fluoranthene
 Concen: 43.438 ng
 RT: 12.31 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Instrument :
 BNA_F
 ClientSampleID :
 PB120890BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1825205		
101	12.6	0.0	34.0		
203	18.6	0.0	38.8		

Manual Integrations
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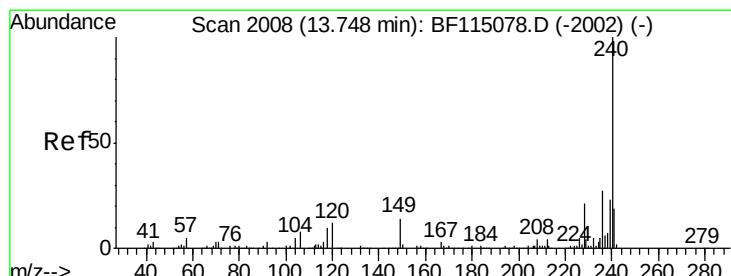
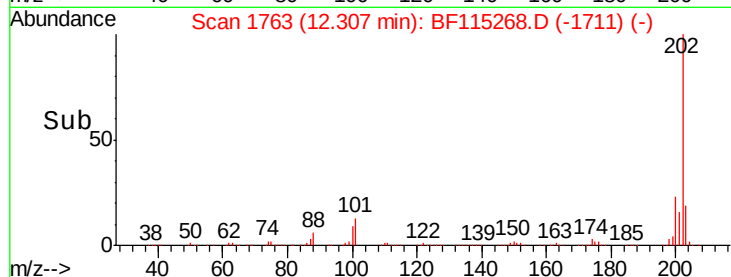
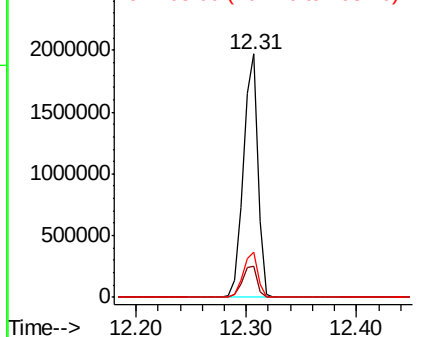


Abundance

Ion 202.00 (201.70 to 202.70): E

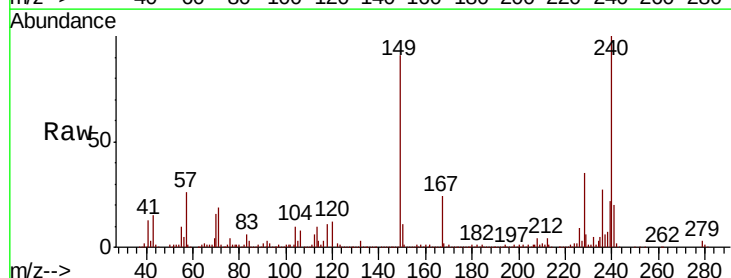
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		557936		
120	11.6	9.4	14.2		
236	26.9	21.7	32.5		

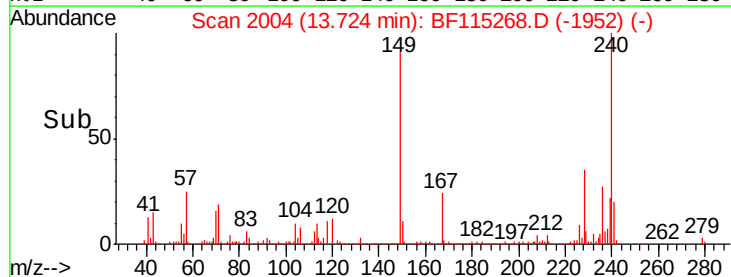
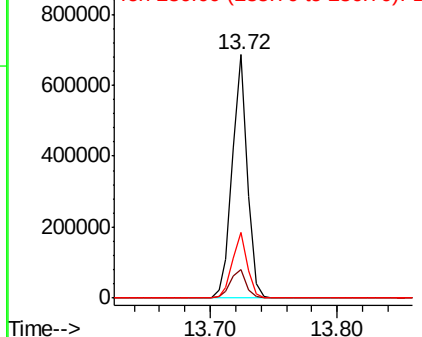


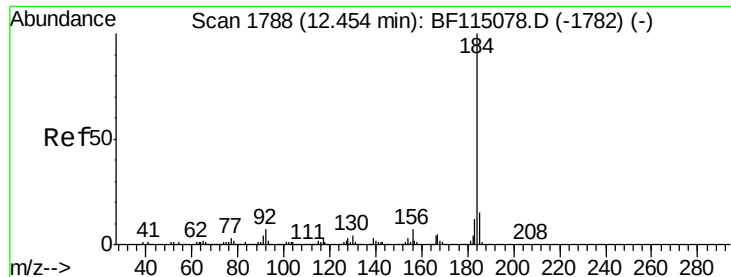
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.798 ng

RT: 12.43 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

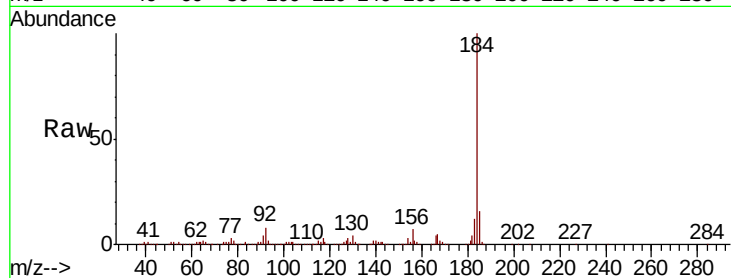
ClientSampleId :

PB120890BS

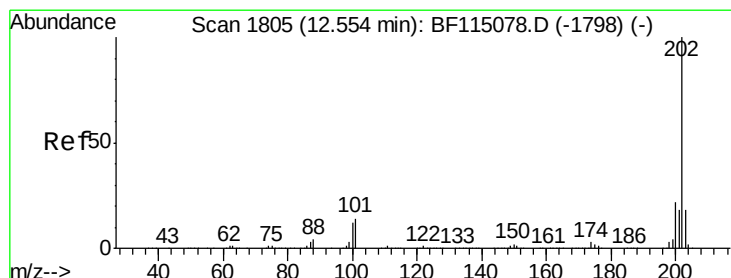
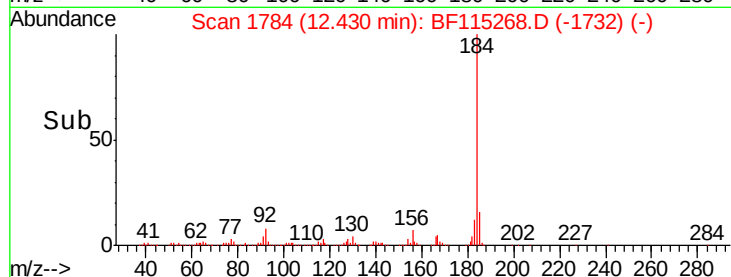
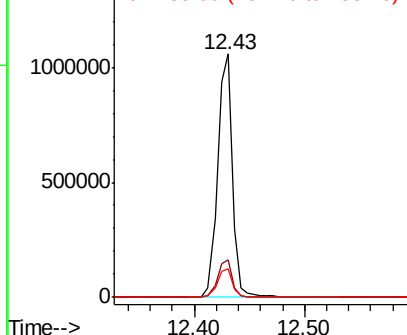
Tot Ion:	184	Resp:	985967
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.2	18.2
183	11.9	9.6	14.4

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



#78

Pyrene

Concen: 44.449 ng

RT: 12.53 min Scan# 1801

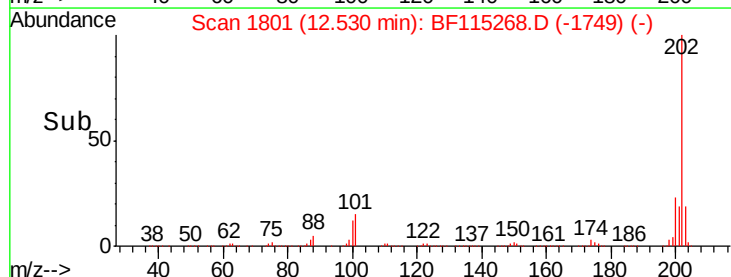
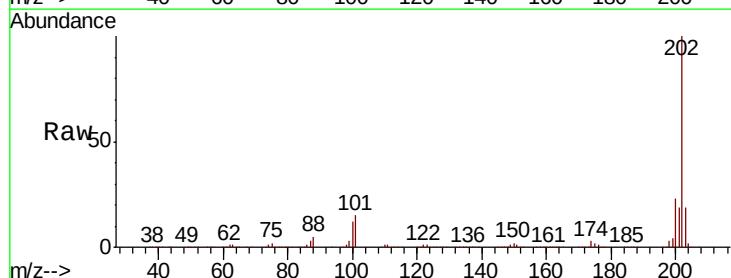
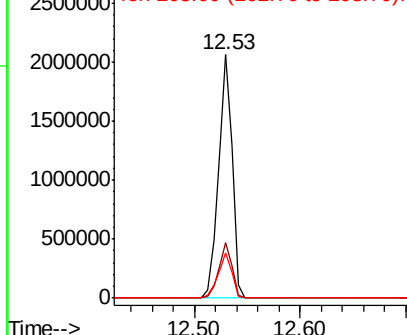
Delta R.T. 0.01 min

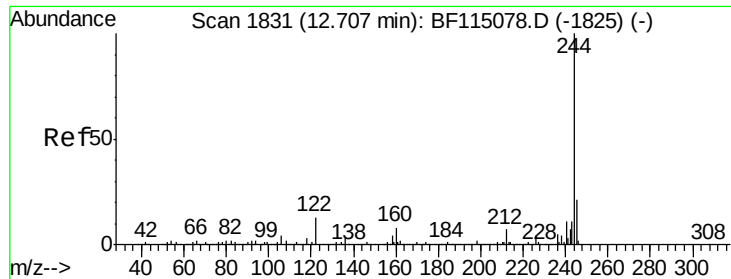
Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Tgt Ion:	202	Resp:	1905884
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.9	26.9
203	18.7	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: 88.724 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

ClientSampleId :

PB120890BS

Tot Ion:244 Resp: 2328242

Ion Ratio Lower Upper

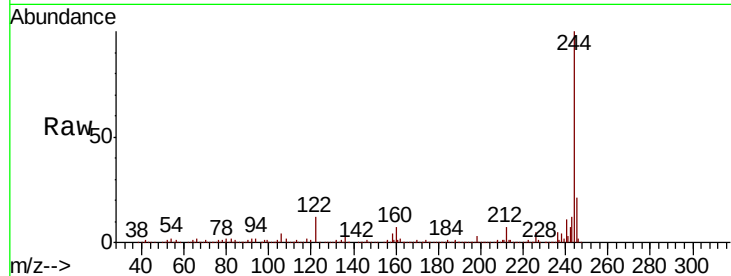
244 100

212 7.1 5.8 8.6

122 12.5 10.4 15.6

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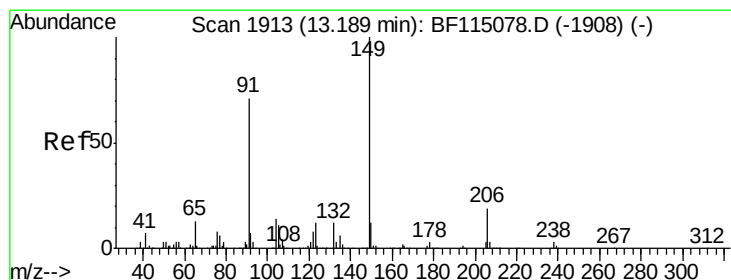
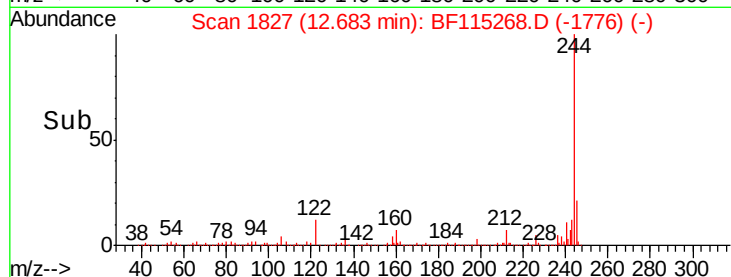
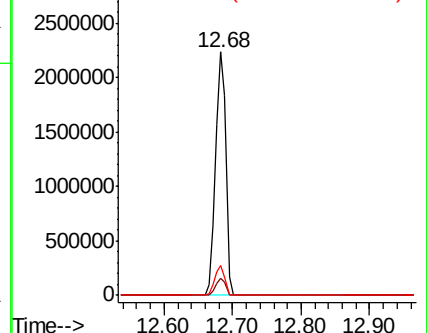
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.536 ng

RT: 13.17 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

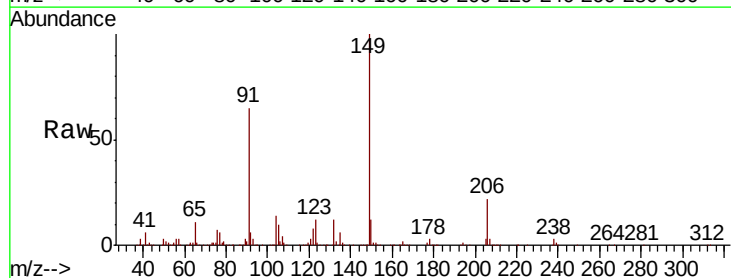
Tgt Ion:149 Resp: 880571

Ion Ratio Lower Upper

149 100

91 65.1 56.5 84.7

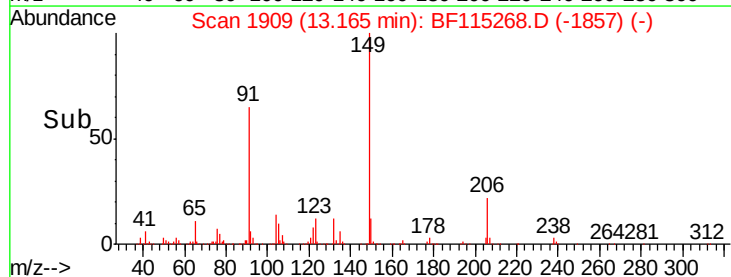
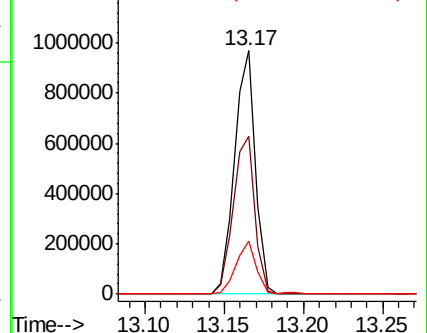
206 21.5 15.3 22.9

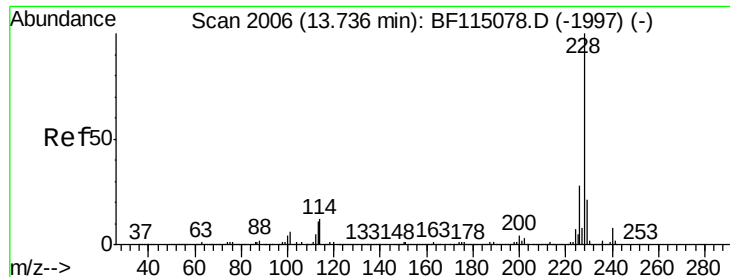


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





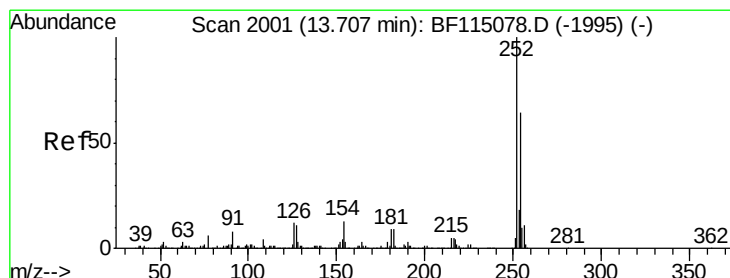
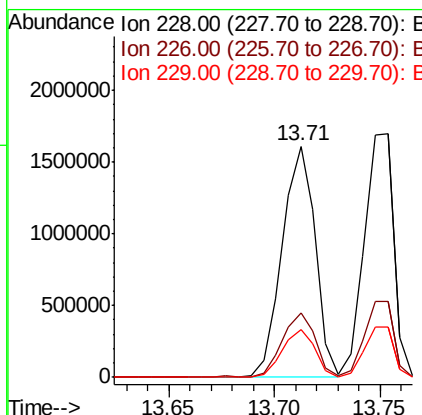
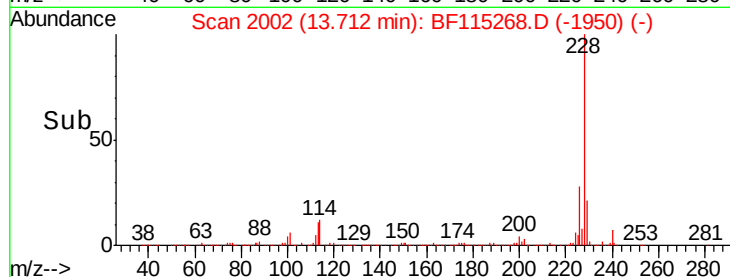
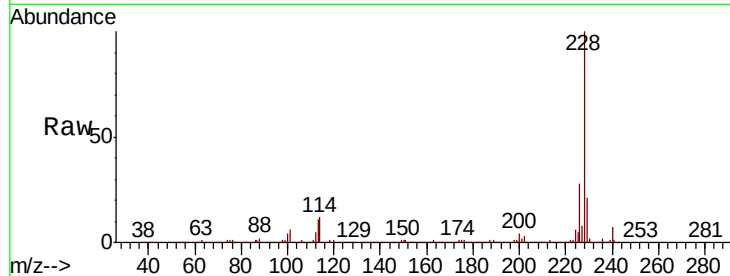
#81
Benzo(a)anthracene
Concen: 44.023 ng
RT: 13.71 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.5	33.7
229	20.9	16.6	24.8

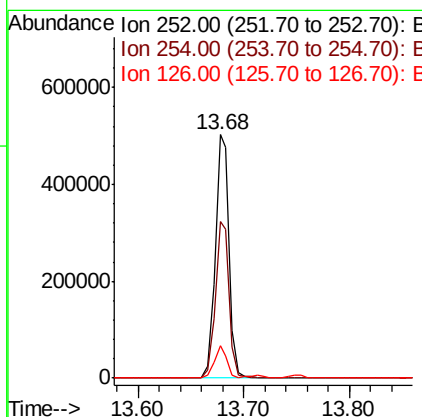
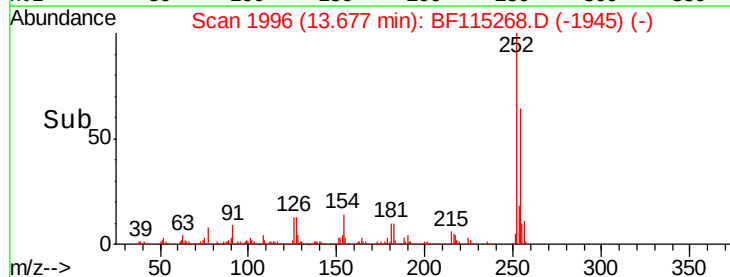
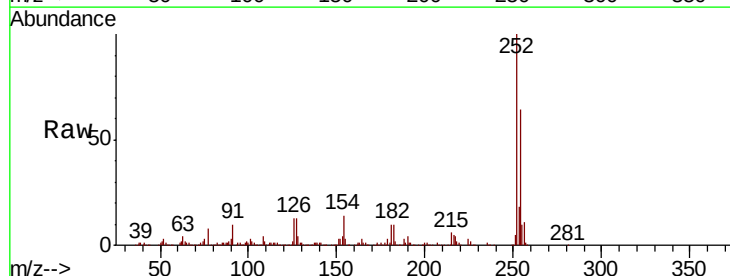
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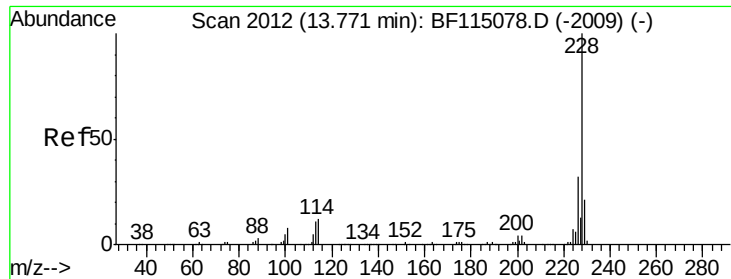
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#82
3,3'-Dichlorobenzidine
Concen: 32.298 ng
RT: 13.68 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.1	76.7
126	13.4	9.4	14.0





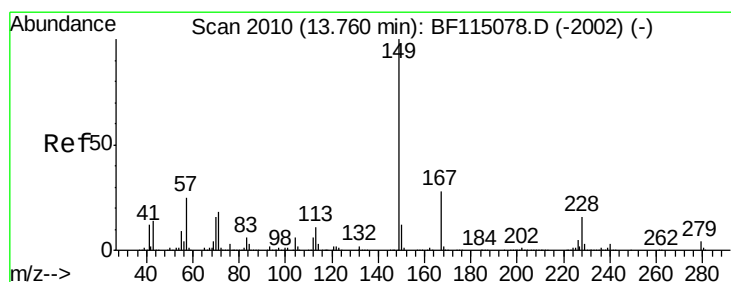
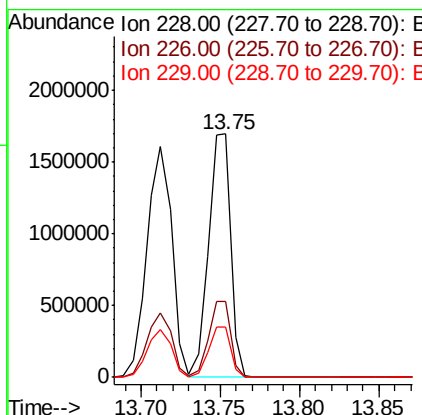
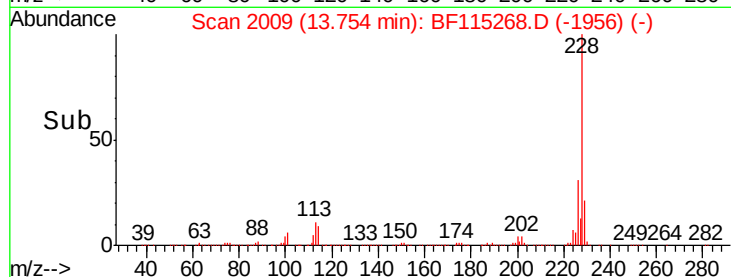
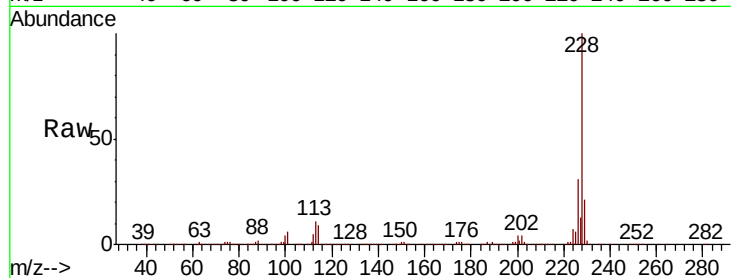
#83
 Chrysene
 Concen: 45.201 ng
 RT: 13.75 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Instrument :
 BNA_F
 ClientSampleID :
 PB120890BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.0
229	20.6	16.5	24.7

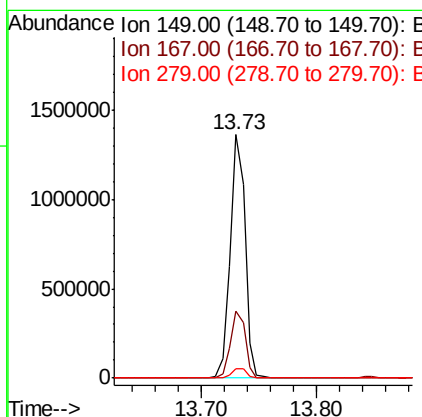
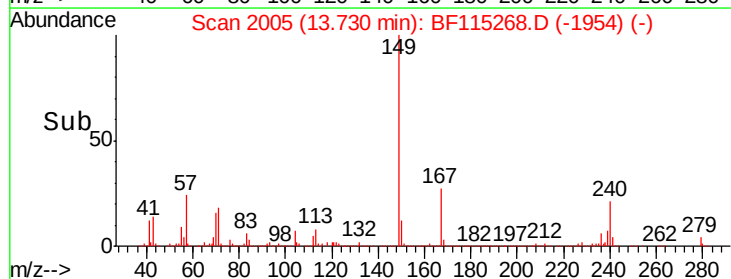
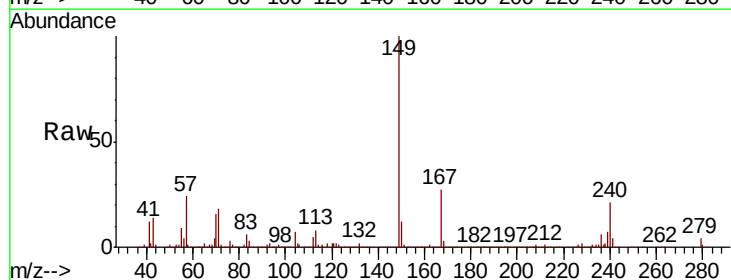
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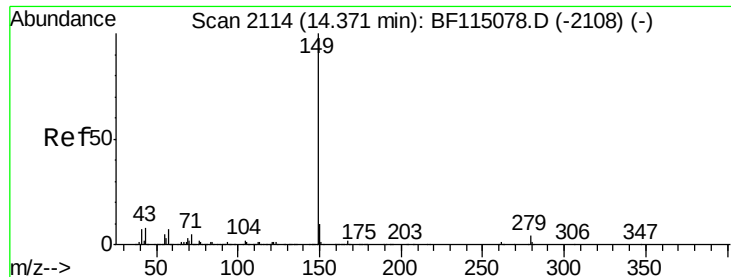
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.634 ng
 RT: 13.73 min Scan# 2005
 Delta R.T. 0.00 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.2	33.4
279	3.8	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 50.527 ng

RT: 14.34 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

ClientSampleId :

PB120890BS

Tot Ion:149 Resp: 2104899

Ion Ratio Lower Upper

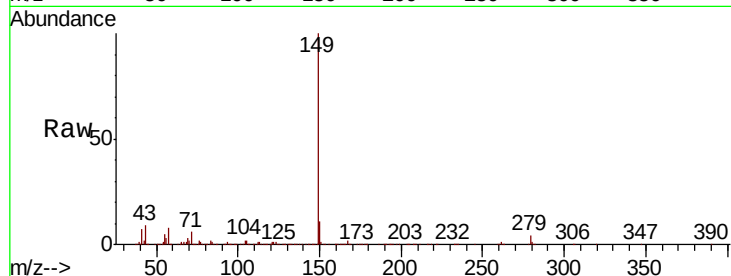
149 100

167 1.6 1.2 1.8

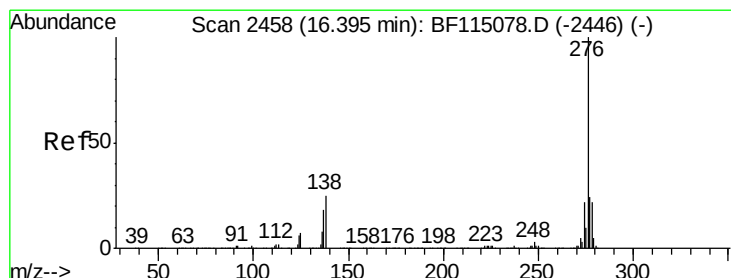
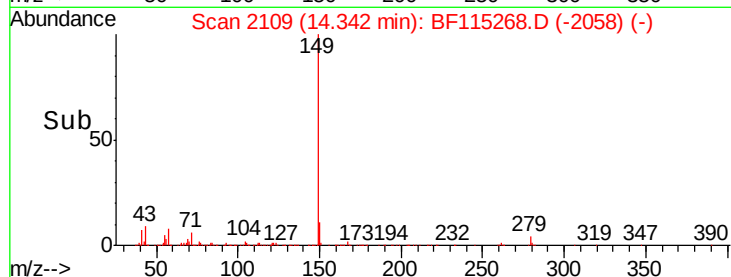
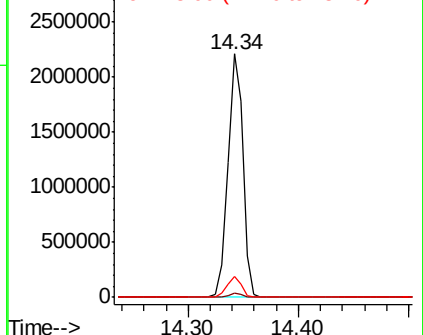
43 8.3 7.0 10.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.540 ng

RT: 16.37 min Scan# 2454

Delta R.T. 0.02 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

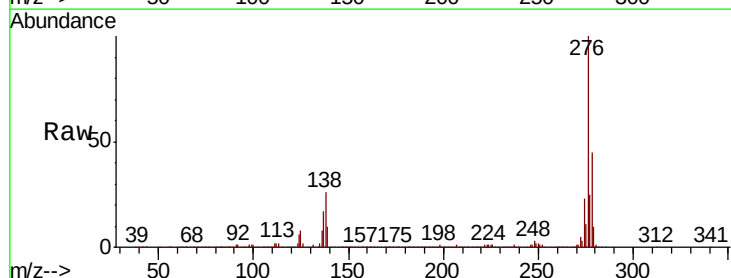
Tgt Ion:276 Resp: 2106316

Ion Ratio Lower Upper

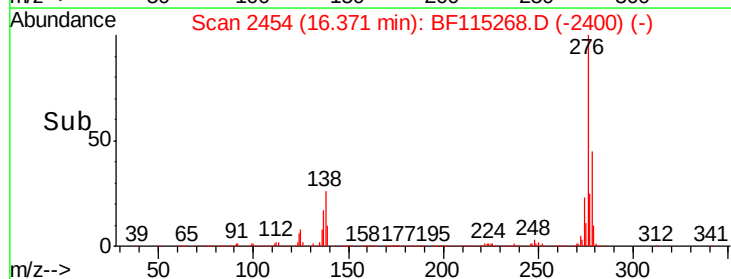
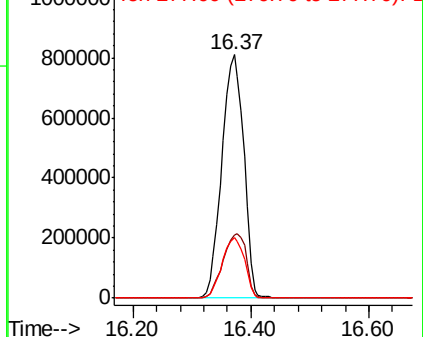
276 100

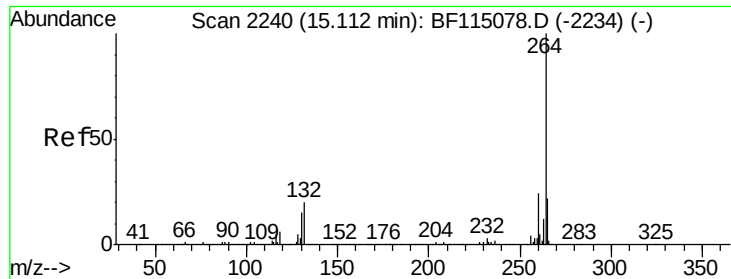
138 28.1 23.2 34.8

277 25.5 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# 2237

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

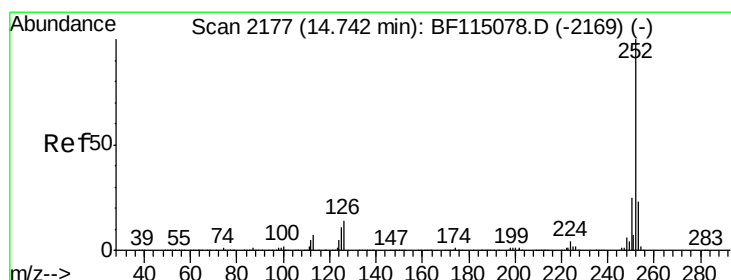
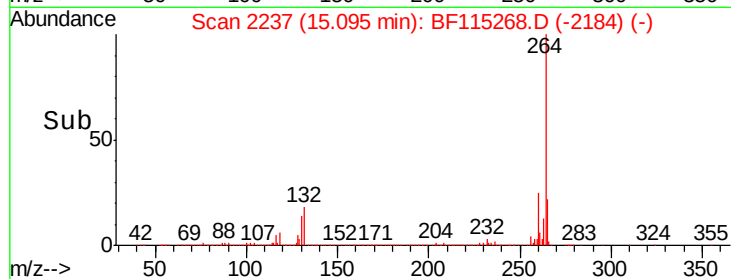
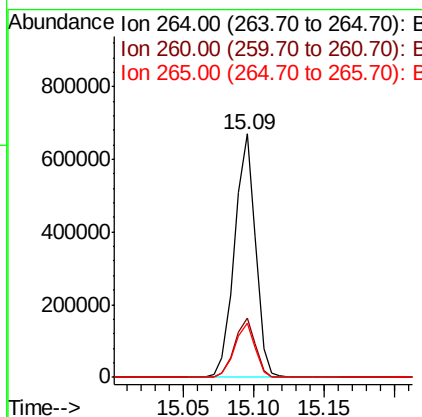
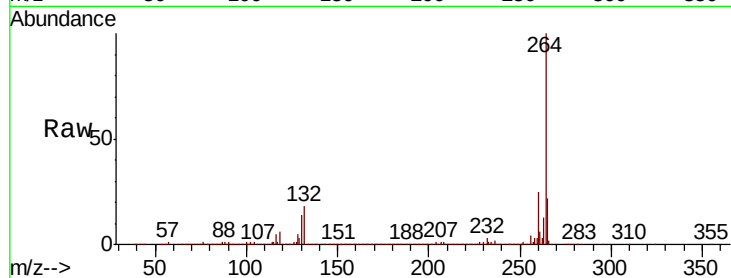
ClientSampleId :

PB120890BS

Tot Ion:	264	Resp:	691456
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.6	29.4
265	22.0	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 43.704 ng

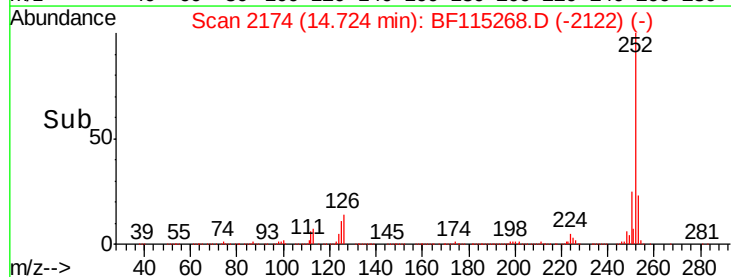
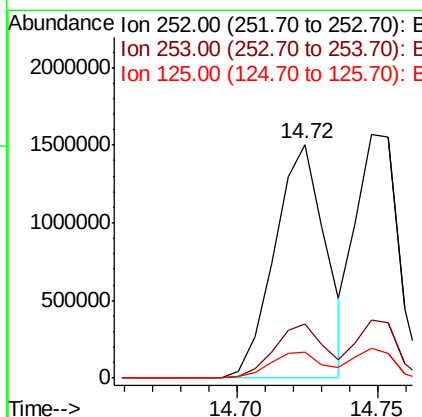
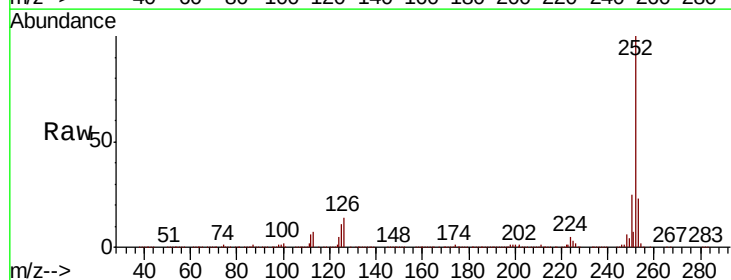
RT: 14.72 min Scan# 2174

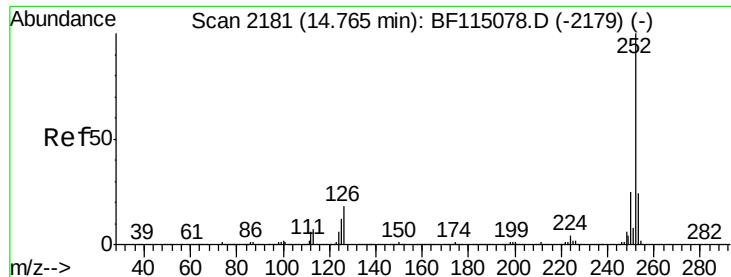
Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Tgt Ion:	252	Resp:	1885610
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.1	27.1
125	10.9	8.7	13.1





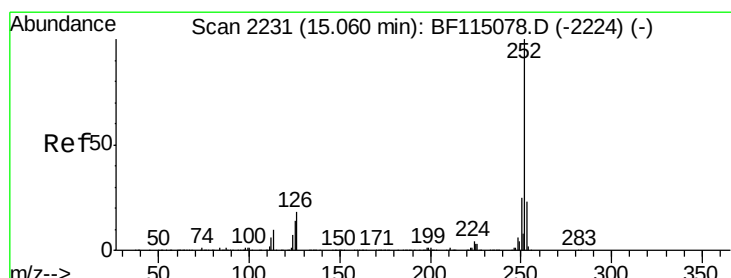
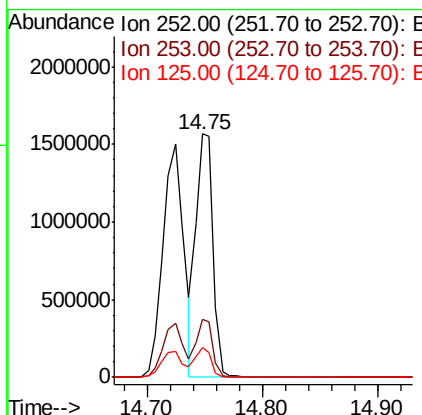
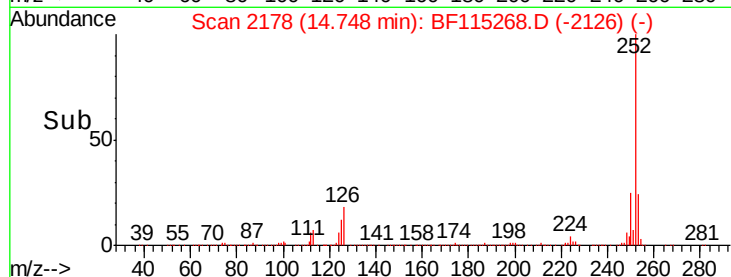
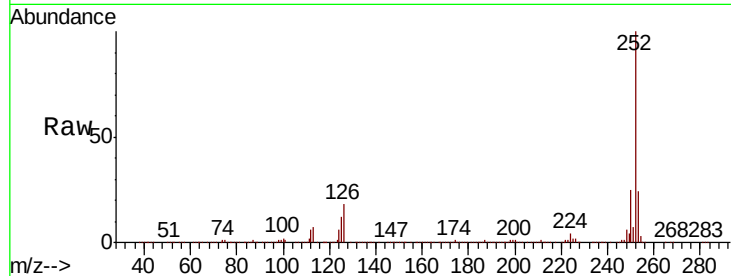
#89
Benzo(k)fluoranthene
Concen: 42.238 ng
RT: 14.75 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	12.3	10.2	15.2

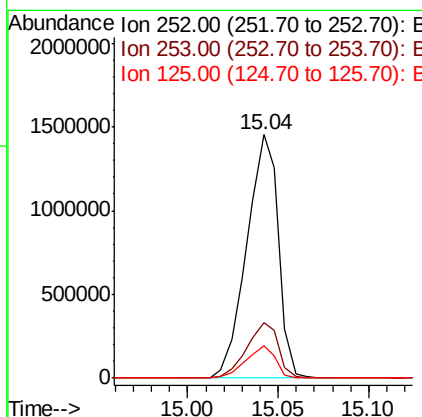
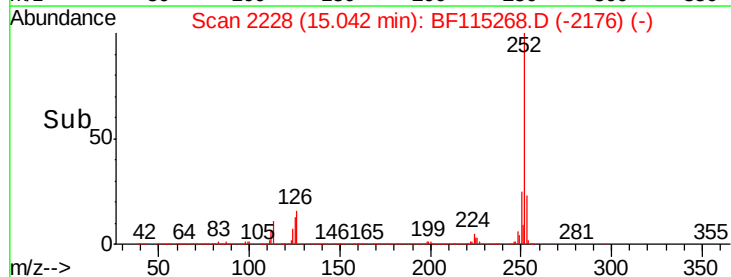
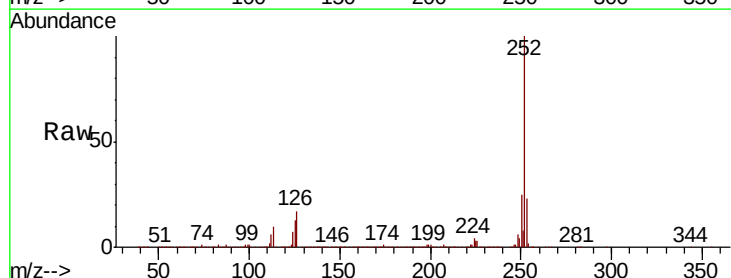
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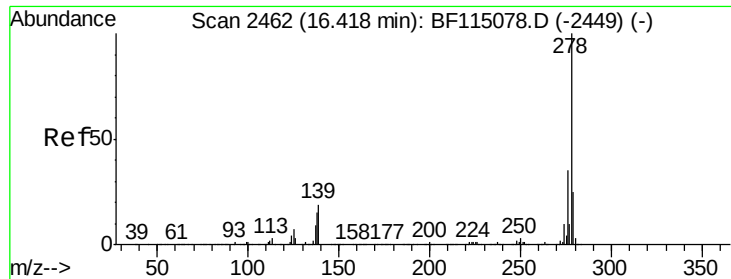
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#90
Benzo(a)pyrene
Concen: 45.415 ng
RT: 15.04 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	13.1	10.9	16.3





#91

Dibenzo(a,h)anthracene

Concen: 47.353 ng

RT: 16.39 min Scan# 2457

Delta R.T. 0.02 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

ClientSampleId :

PB120890BS

Tot Ion:278 Resp: 1719101

Ion Ratio Lower Upper

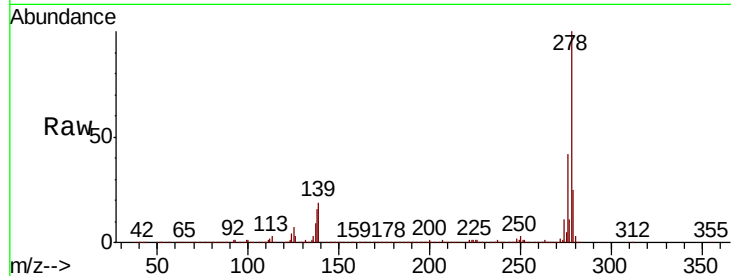
278 100

139 18.6 15.4 23.2

279 24.7 19.9 29.9

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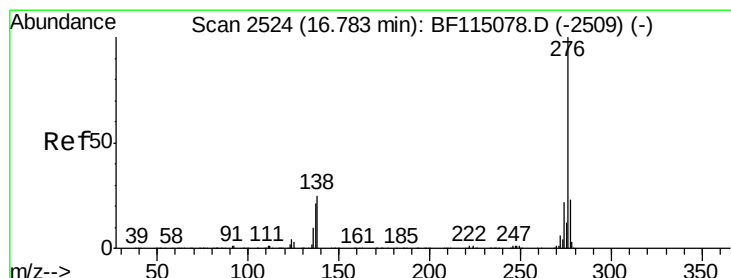
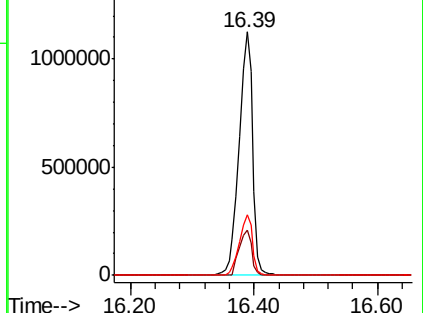
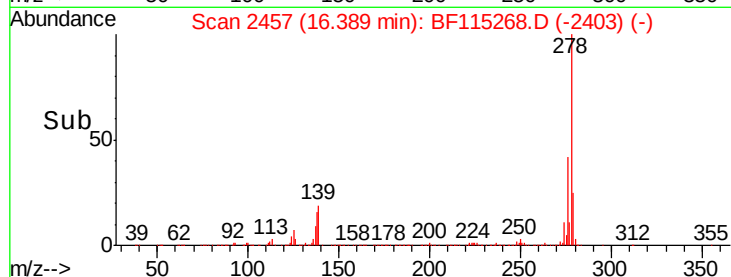


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.616 ng

RT: 16.75 min Scan# 2519

Delta R.T. 0.02 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

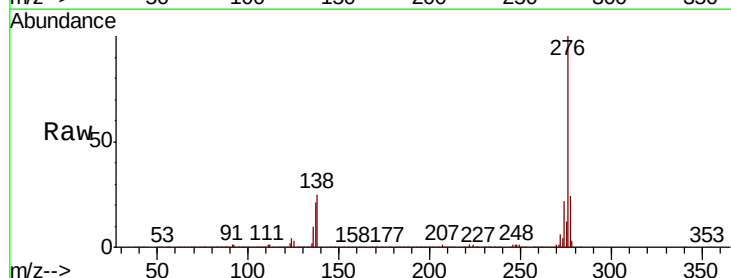
Tgt Ion:276 Resp: 1786310

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 24.5 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

