

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
 Data File : BF115333.D
 Acq On : 1 Jul 2019 12:34
 Operator : HP/JU
 Sample : PB121019BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121019BS

Manual Integrations
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 7/2/2019 2:53:28 PM

Quant Time: Jul 02 08:40:20 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	6.61	152	258027	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	995948	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	498444	20.00	ng	0.01
64) Phenanthrene-d10	11.11	188	987970	20.00	ng	0.02
76) Chrysene-d12	13.74	240	615366	20.00	ng	0.02
87) Perylene-d12	15.11	264	785298	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1898811	113.56	ng	0.03
7) Phenol-d6	6.25	99	2345127	115.55	ng	0.02
23) Nitrobenzene-d5	7.17	82	1495843	92.39	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	724160	137.77	ng	0.02
45) 2-Fluorobiphenyl	8.97	172	2772861	94.49	ng	0.00
79) Terphenyl-d14	12.69	244	2984338	103.11	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	250961	31.802	ng	99
3) Pyridine	2.90	79	740486	33.293	ng	96
4) n-Nitrosodimethylamine	2.85	42	321431	36.864	ng	98
6) Aniline	6.27	93	660415	23.677	ng	# 1
8) 2-Chlorophenol	6.40	128	787719	41.897	ng	97
9) Benzaldehyde	6.14	77	134972	10.194	ng	99
10) Phenol	6.27	94	892617	37.548	ng	88
11) bis(2-Chloroethyl)ether	6.35	93	716874	40.909	ng	99
12) 1,3-Dichlorobenzene	6.55	146	839711	40.243	ng	99
13) 1,4-Dichlorobenzene	6.62	146	853628	40.797	ng	99
14) 1,2-Dichlorobenzene	6.78	146	789626	40.751	ng	98
15) Benzyl Alcohol	6.75	79	586183	39.666	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1025953	40.366	ng	96
17) 2-Methylphenol	6.87	107	678935	43.748	ng	98
18) Hexachloroethane	7.12	117	309685	41.054	ng	100
19) n-Nitroso-di-n-propylamine	7.03	70	504656	38.841	ng	97
20) 3+4-Methylphenols	7.03	107	772786	43.125	ng	# 76
22) Acetophenone	7.02	105	1056826	46.351	ng	# 96
24) Nitrobenzene	7.19	77	798935	44.792	ng	99
25) Isophorone	7.44	82	1485902	44.802	ng	99
26) 2-Nitrophenol	7.51	139	454587	51.608	ng	99
27) 2,4-Dimethylphenol	7.55	122	722563	50.102	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	932893	44.503	ng	99
29) 2,4-Dichlorophenol	7.75	162	710608	47.745	ng	99
30) 1,2,4-Trichlorobenzene	7.83	180	759970	46.227	ng	99
31) Naphthalene	7.91	128	2226209	45.536	ng	99
32) Benzoic acid	7.70	122	537042	52.167	ng	97
33) 4-Chloroaniline	7.95	127	433601	19.406	ng	99
34) Hexachlorobutadiene	8.04	225	409762	45.483	ng	99
35) Caprolactam	8.34	113	238934m	47.750	ng	
36) 4-Chloro-3-methylphenol	8.45	107	715316	47.458	ng	98
37) 2-Methylnaphthalene	8.60	142	1525224	46.270	ng	97
38) 1-Methylnaphthalene	8.70	142	1463410	46.484	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	669923	47.562	ng	100

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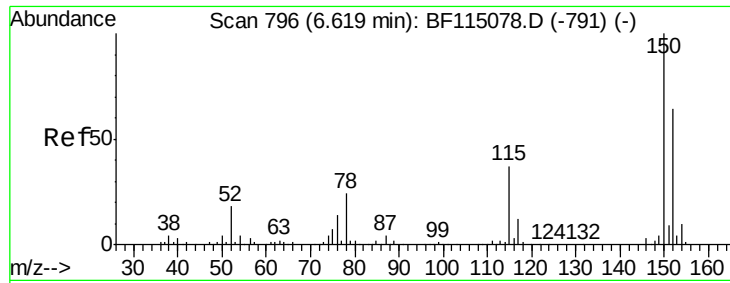
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.76	237	734928	87.994	nq	99
43) 2,4,6-Trichlorophenol	8.88	196	526021	48.373	nq	99
44) 2,4,5-Trichlorophenol	8.92	196	548565	48.986	nq	99
46) 1,1'-Biphenyl	9.07	154	1792624	44.948	nq	99
47) 2-Chloronaphthalene	9.09	162	1449871	44.817	nq	100
48) 2-Nitroaniline	9.18	65	435590	46.184	nq	90
49) Acenaphthylene	9.50	152	2263038	44.898	nq	99
50) Dimethylphthalate	9.37	163	1739028	47.422	nq	99
51) 2,6-Dinitrotoluene	9.43	165	409914	48.417	nq	# 87
52) Acenaphthene	9.67	154	1310193	41.541	nq	98
53) 3-Nitroaniline	9.59	138	274295	26.549	nq	98
54) 2,4-Dinitrophenol	9.71	184	454667	102.128	nq	98
55) Dibenzofuran	9.84	168	1956091	43.211	nq	98
56) 4-Nitrophenol	9.77	139	735729	88.825	nq	91
57) 2,4-Dinitrotoluene	9.83	165	532889	48.747	nq	# 91
58) Fluorene	10.18	166	1394361	46.480	nq	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	473706	50.447	nq	98
60) Diethylphthalate	10.07	149	1689163	45.823	nq	99
61) 4-Chlorophenyl-phenylether	10.18	204	682527	48.126	nq	97
62) 4-Nitroaniline	10.21	138	452324	43.641	nq	99
63) Azobenzene	10.34	77	1518587	44.105	nq	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	272269	51.401	nq	94
66) n-Nitrosodiphenylamine	10.30	169	1410731	45.833	nq	99
67) 4-Bromophenyl-phenylether	10.67	248	495487	46.257	nq	94
68) Hexachlorobenzene	10.73	284	541605	46.582	nq	95
69) Atrazine	10.83	200	468134	47.280	nq	99
70) Pentachlorophenol	10.92	266	652600	88.105	nq	98
71) Phenanthrene	11.14	178	2263038	42.543	nq	99
72) Anthracene	11.19	178	2289137	42.632	nq	98
73) Carbazole	11.34	167	2141273	44.658	nq	98
74) Di-n-butylphthalate	11.68	149	2503812	45.190	nq	98
75) Fluoranthene	12.32	202	2379220	44.829	nq	98
77) Benzidine	12.44	184	712164	26.063	nq	99
78) Pyrene	12.54	202	2385012	50.432	nq	98
80) Butylbenzylphthalate	13.17	149	1162655	55.709	nq	95
81) Benzo(a)anthracene	13.72	228	2182038	49.418	nq	99
82) 3,3'-Dichlorobenzidine	13.69	252	601808	37.743	nq	98
83) Chrysene	13.77	228	2108733	52.136	nq	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1399088	51.162	nq	100
85) Di-n-octyl phthalate	14.35	149	2491061	54.216	nq	99
86) Indeno(1,2,3-cd)pyrene	16.40	276	2555968	53.405	nq	99
88) Benzo(b)fluoranthene	14.74	252	2422175	49.432	nq	99
89) Benzo(k)fluoranthene	14.77	252	1998485	45.479	nq	97
90) Benzo(a)pyrene	15.07	252	2194427	49.687	nq	98
91) Dibenzo(a,h)anthracene	16.42	278	2050898	49.742	nq	97
92) Benzo(g,h,i)perylene	16.79	276	2189805	52.475	nq	98

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



#1

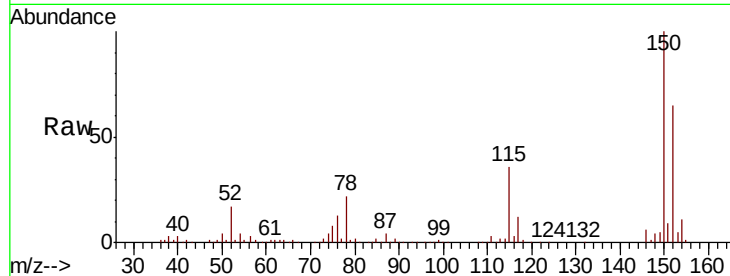
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Instrument :
BNA_F
ClientSampleId :
PB121019BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.2	186.2
115	55.6	46.1	69.1

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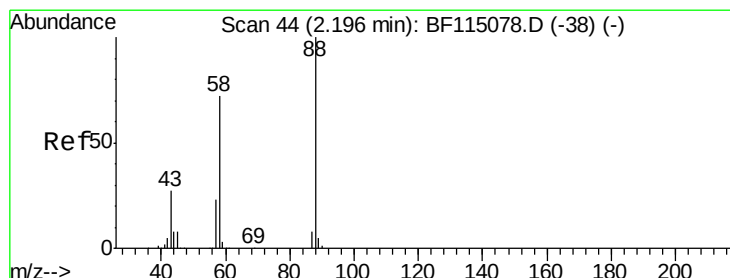
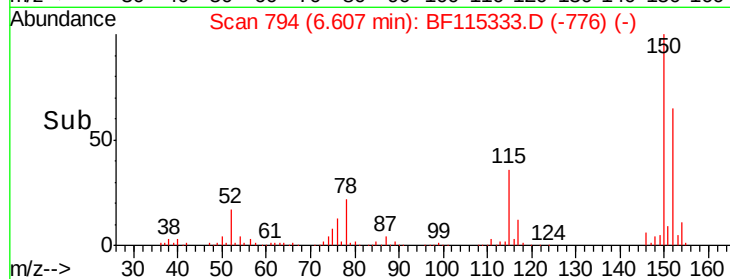
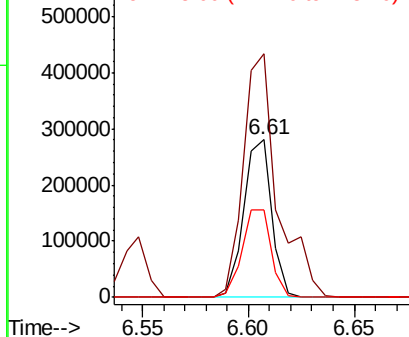


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

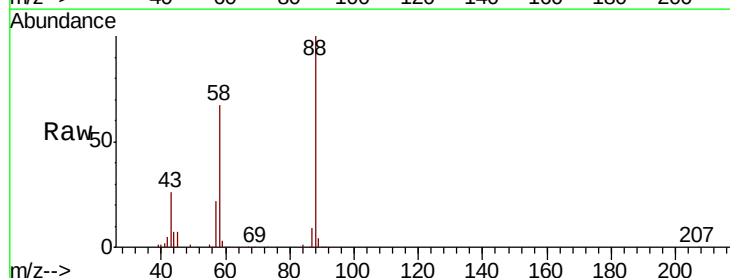
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.802 ng
RT: 2.25 min Scan# 53
Delta R.T. 0.09 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	56.1	84.1
43	26.0	21.3	31.9

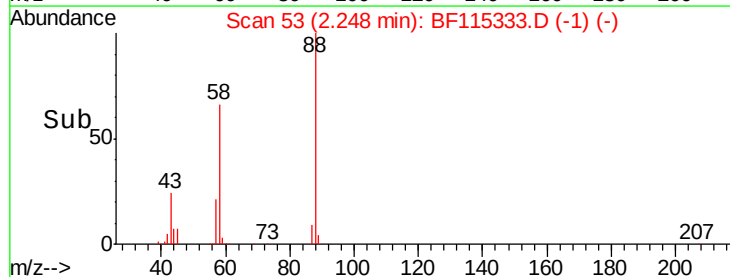
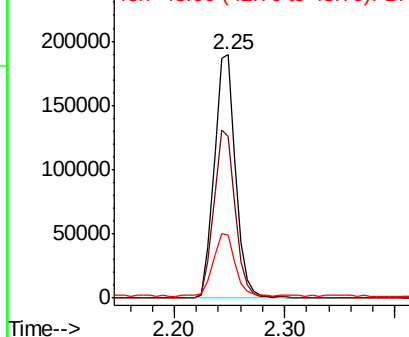


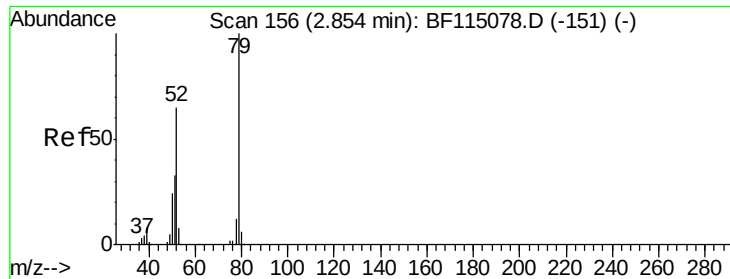
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.293 ng

RT: 2.90 min Scan# 164

Delta R.T. 0.10 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

Instrument :

BNA_F

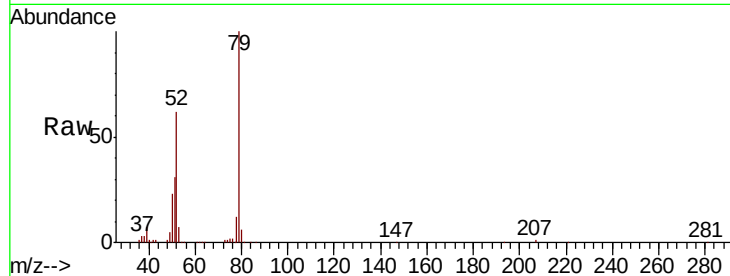
ClientSampleId :

PB121019BS

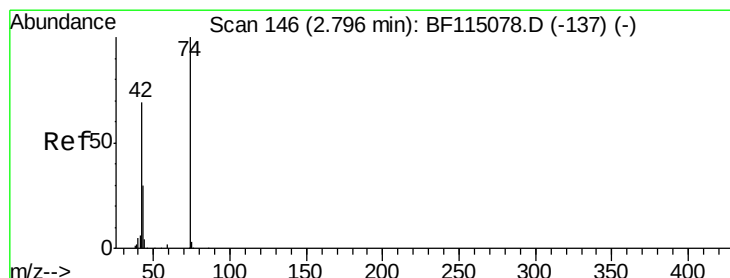
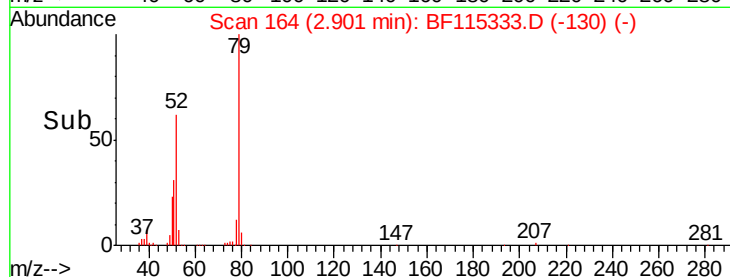
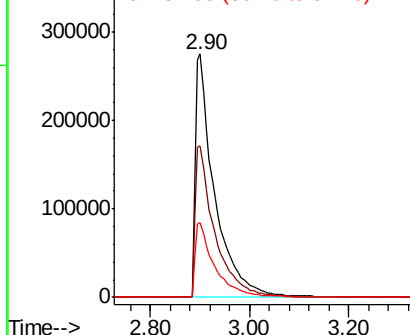
Tot Ion:	79	Resp:	740486
Ion	Ratio	Lower	Upper
79	100		
52	62.3	52.3	78.5
51	30.7	26.1	39.1

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.864 ng

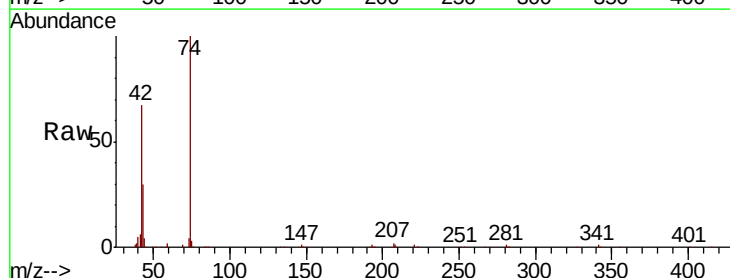
RT: 2.85 min Scan# 155

Delta R.T. 0.10 min

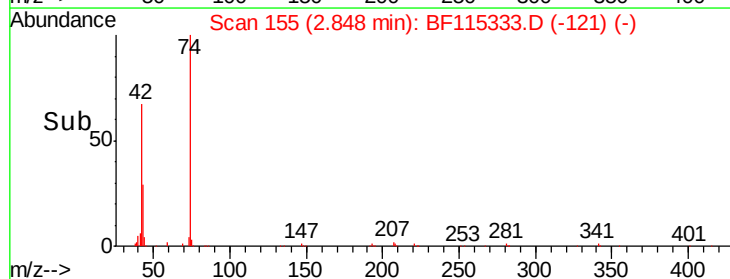
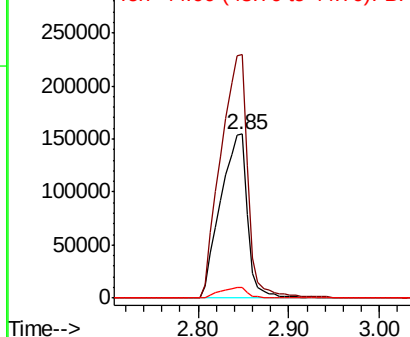
Lab File: BF115333.D

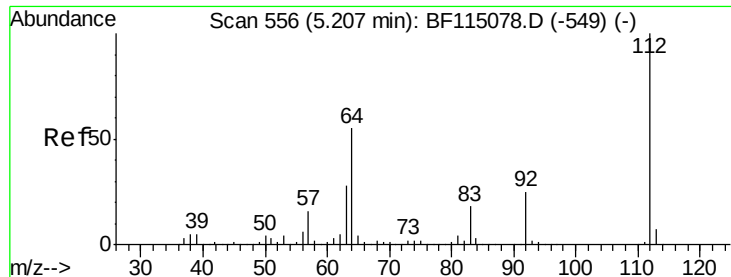
Acq: 1 Jul 2019 12:34

Tgt Ion:	42	Resp:	321431
Ion	Ratio	Lower	Upper
42	100		
74	148.7	116.6	175.0
44	6.3	5.3	7.9



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 113.561 ng

RT: 5.22 min Scan# 558

Delta R.T. 0.03 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

Instrument :

BNA_F

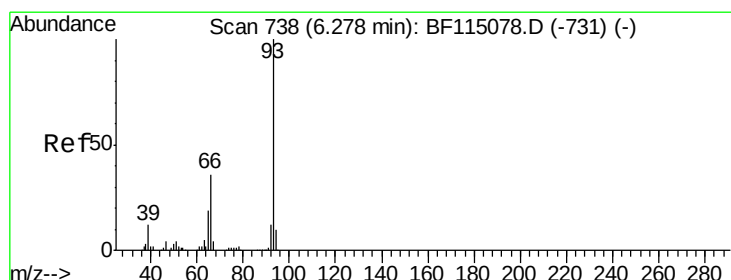
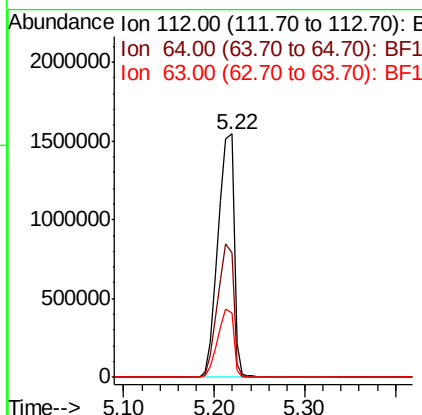
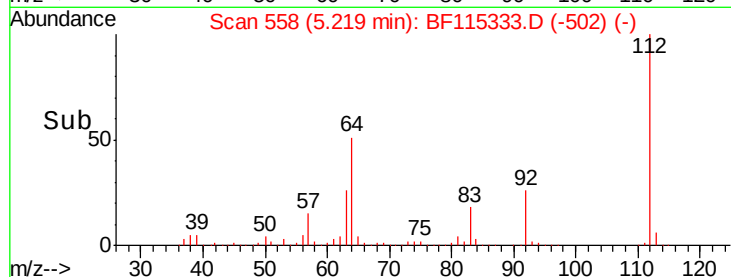
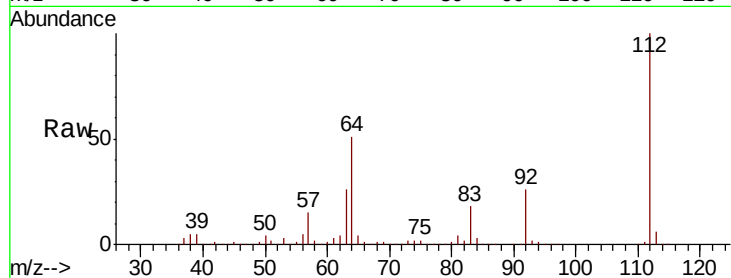
ClientSampleId :

PB121019BS

Tot Ion:	112	Resp:	1898811
Ion	Ratio	Lower	Upper
112	100		
64	51.2	43.8	65.6
63	26.4	22.2	33.4

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#6

Aniline

Concen: 23.677 ng

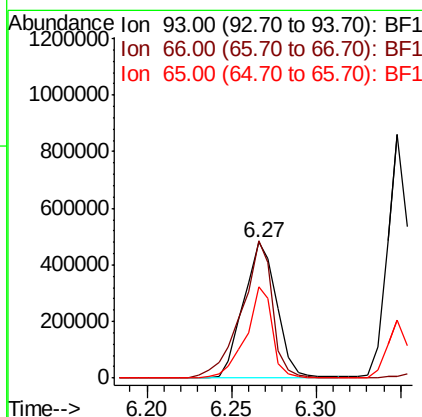
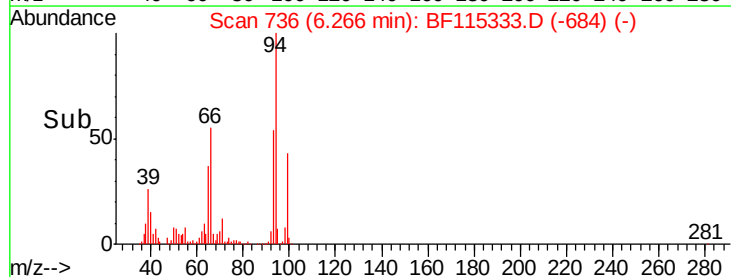
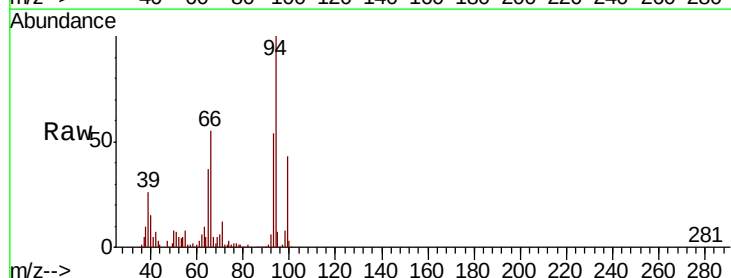
RT: 6.27 min Scan# 736

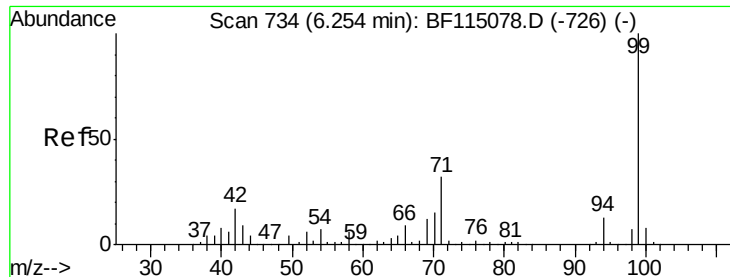
Delta R.T. 0.01 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

Tgt Ion:	93	Resp:	660415
Ion	Ratio	Lower	Upper
93	100		
66	101.6	30.0	45.0#
65	67.1	15.6	23.4#





#7

Phenol-d6

Concen: 115.554 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

Instrument :

BNA_F

ClientSampleId :

PB121019BS

Tot Ion: 99 Resp: 2345127

Ion Ratio Lower Upper

99 100

42 17.5 13.6 20.4

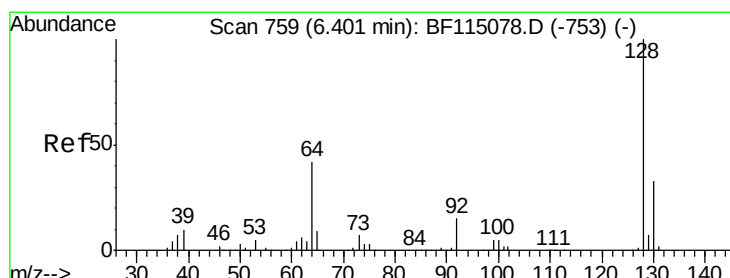
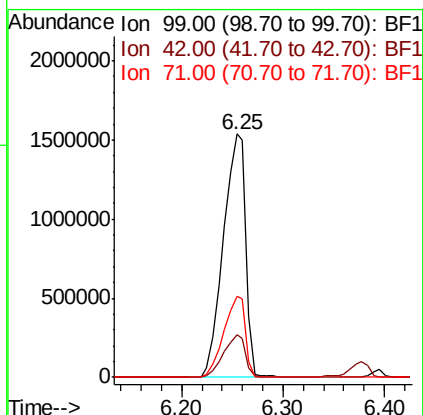
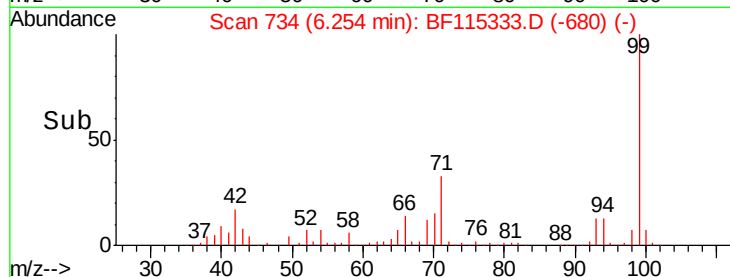
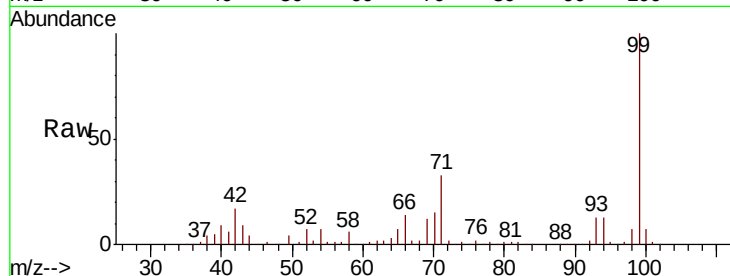
71 33.4 25.5 38.3

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#8

2-Chlorophenol

Concen: 41.897 ng

RT: 6.40 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

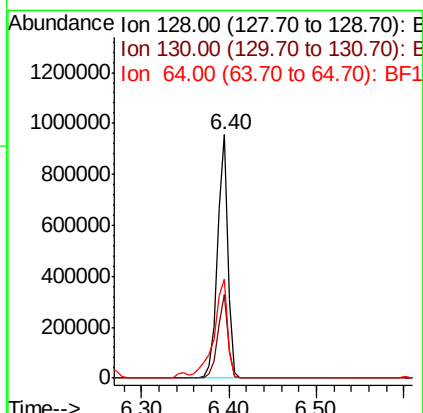
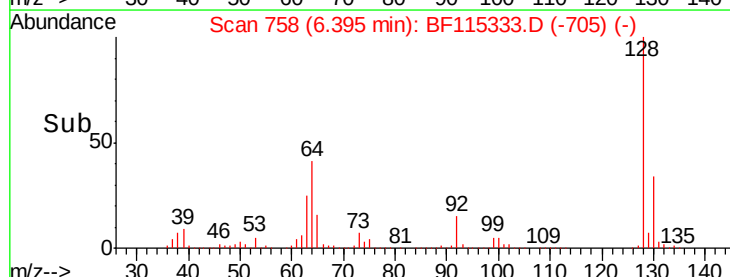
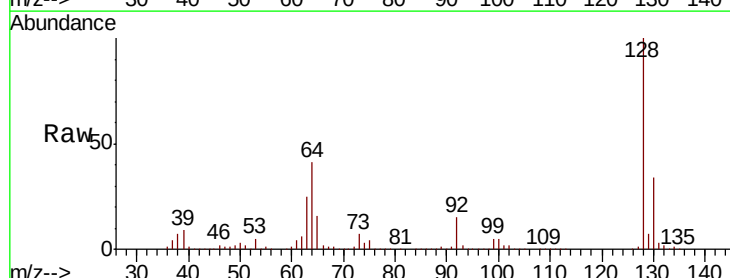
Tgt Ion: 128 Resp: 787719

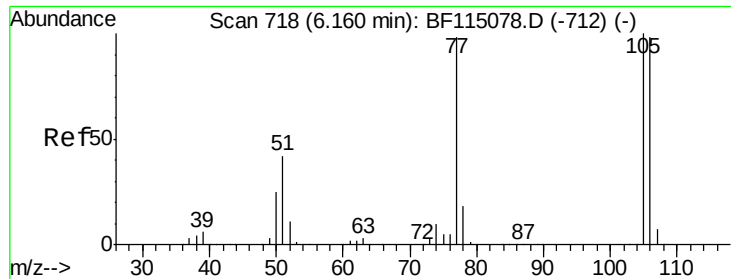
Ion Ratio Lower Upper

128 100

130 34.3 12.9 52.9

64 40.9 22.9 62.9





#9

Benzaldehyde

Concen: 10.194 ng

RT: 6.14 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

Instrument :

BNA_F

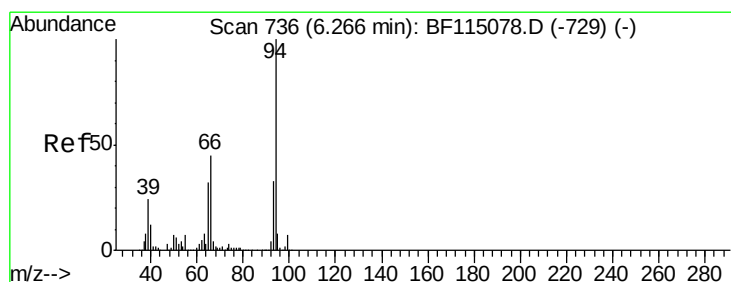
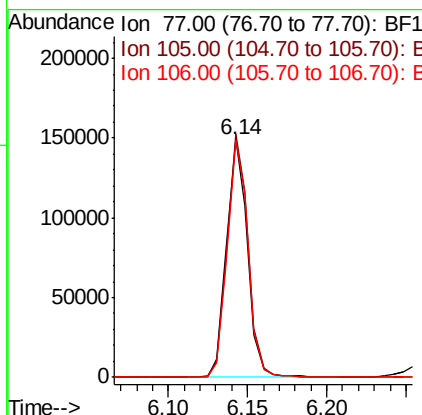
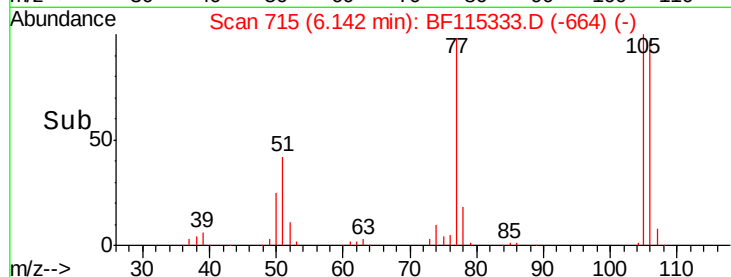
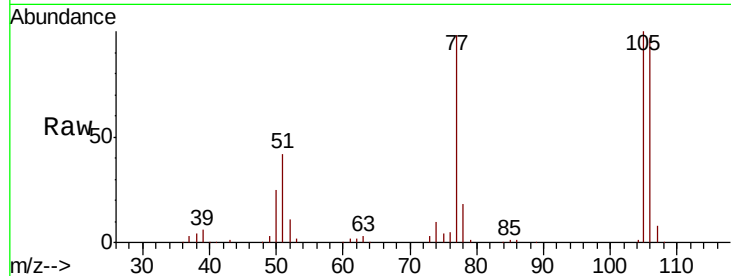
ClientSampleId :

PB121019BS

Tot Ion:	77	Resp:	134972
Ion	Ratio	Lower	Upper
77	100		
105	102.3	81.5	121.5
106	99.4	79.7	119.7

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#10

Phenol

Concen: 37.548 ng

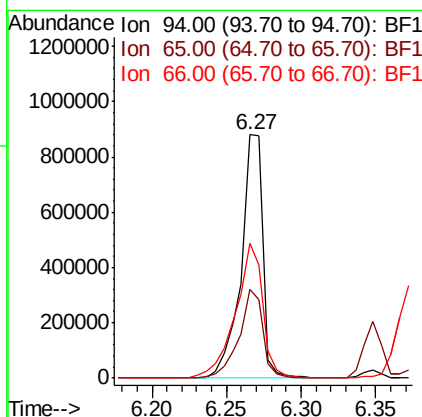
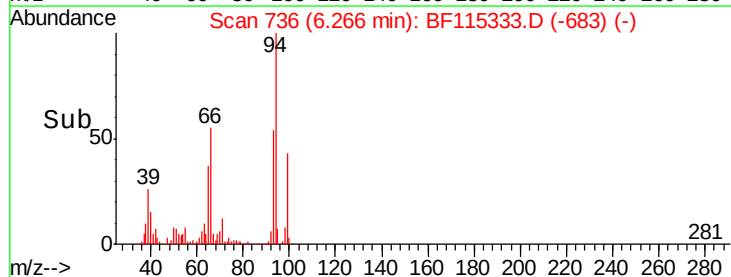
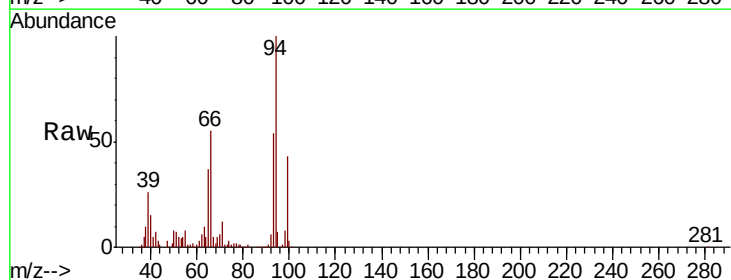
RT: 6.27 min Scan# 736

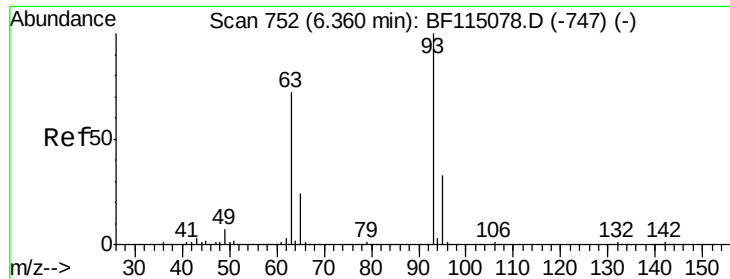
Delta R.T. 0.01 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

Tgt Ion:	94	Resp:	892617
Ion	Ratio	Lower	Upper
94	100		
65	36.5	11.9	51.9
66	55.3	25.2	65.2





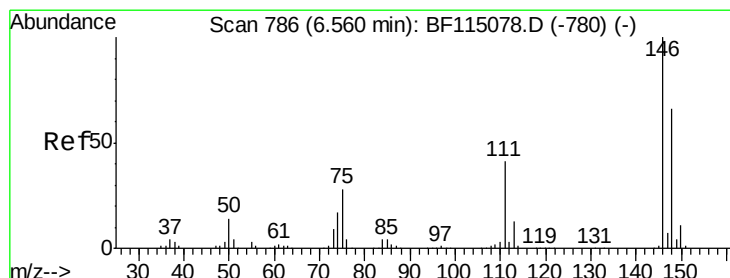
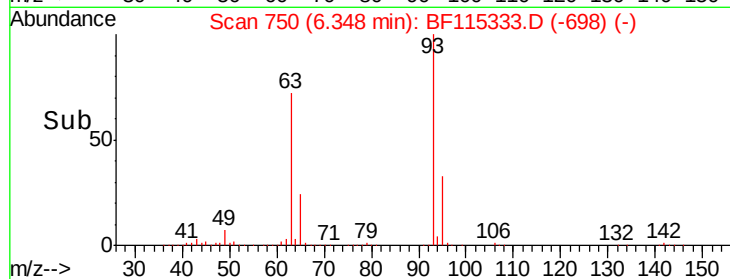
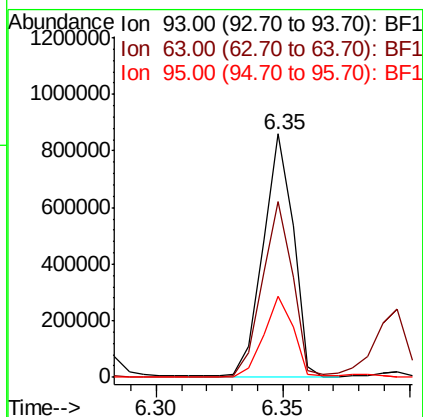
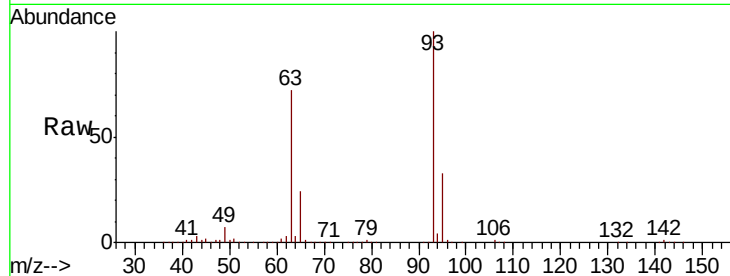
#11
bis(2-Chloroethyl)ether
Concen: 40.909 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Instrument :
BNA_F
ClientSampleId :
PB121019BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.1	51.5	91.5
95	33.0	13.4	53.4

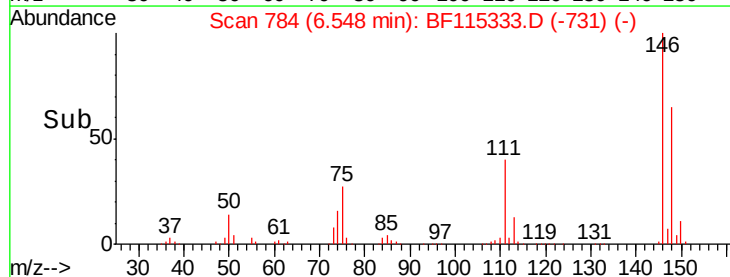
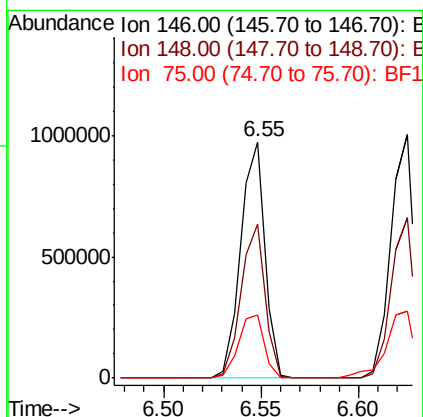
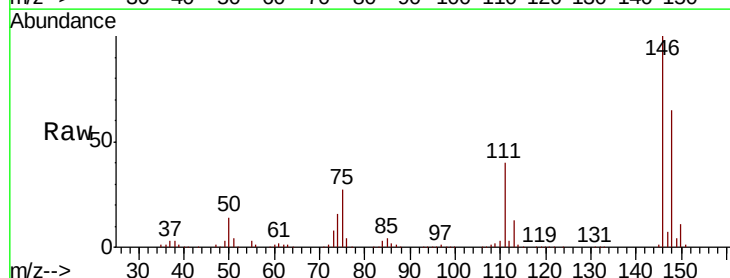
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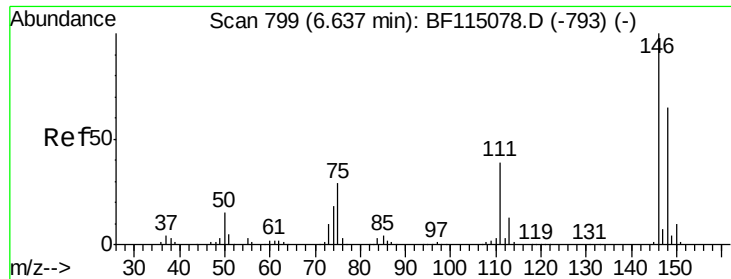
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.243 ng
RT: 6.55 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.6	78.8
75	26.7	22.6	34.0





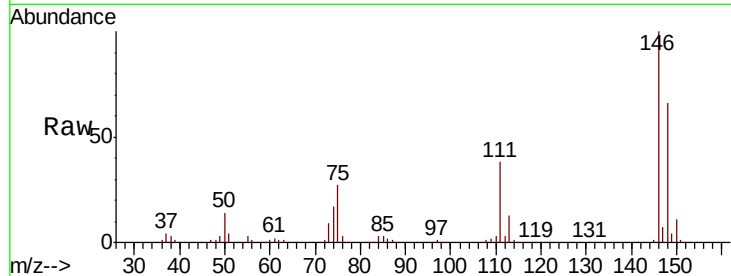
#13
 1,4-Dichlorobenzene
 Concen: 40.797 ng
 RT: 6.62 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF115333.D
 Acq: 1 Jul 2019 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121019BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.9	77.9
111	38.4	31.4	47.0

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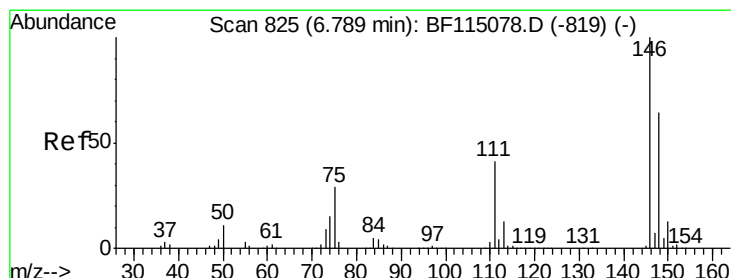
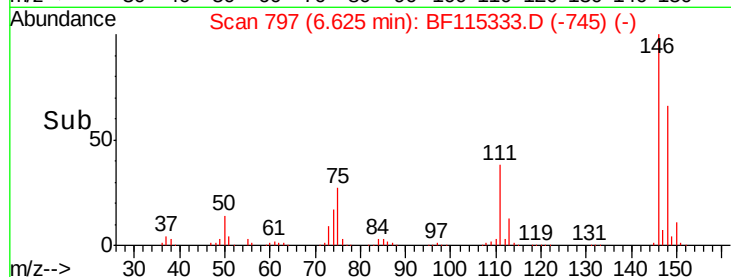
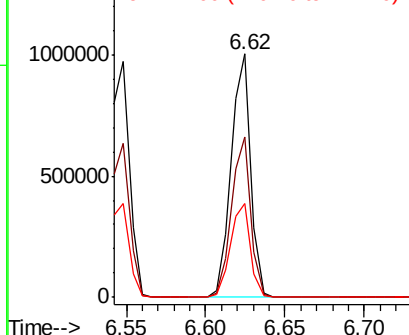


Abundance

Ion 146.00 (145.70 to 146.70): E

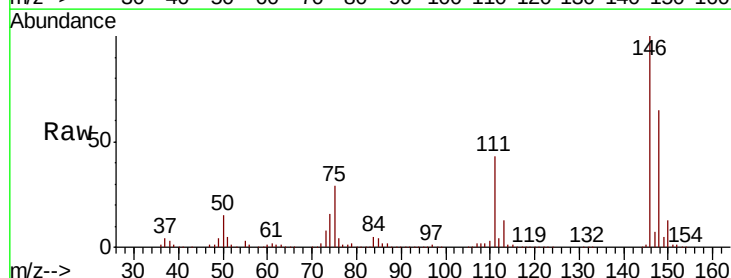
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.751 ng
 RT: 6.78 min Scan# 823
 Delta R.T. 0.01 min
 Lab File: BF115333.D
 Acq: 1 Jul 2019 12:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.1	76.7
111	42.5	33.2	49.8

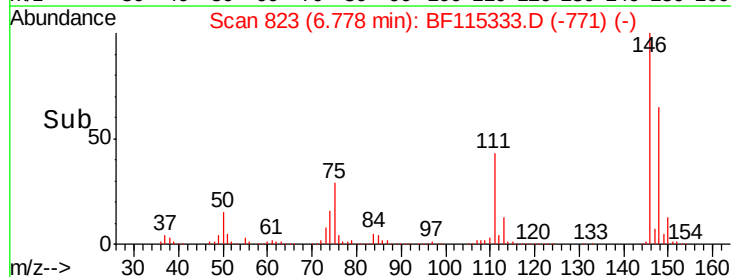
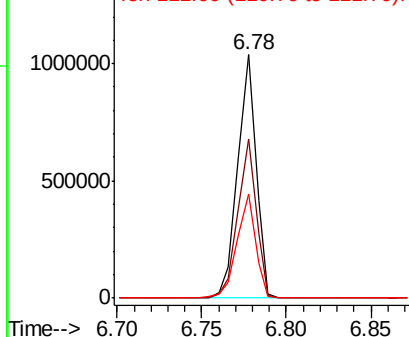


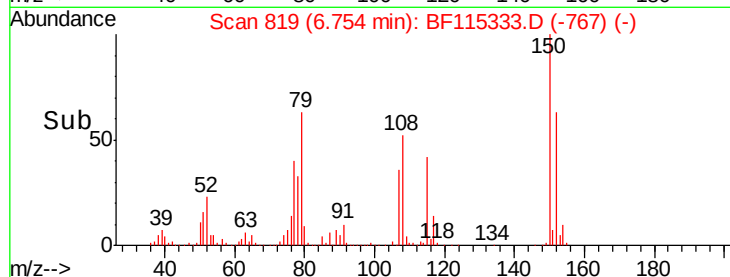
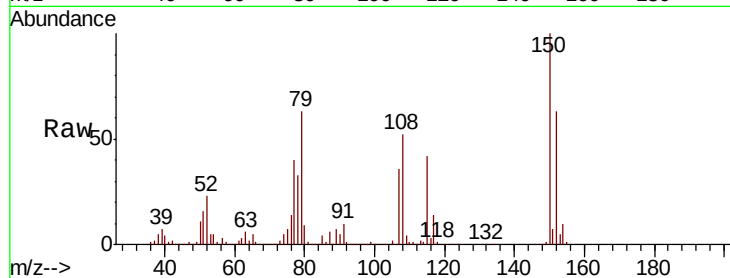
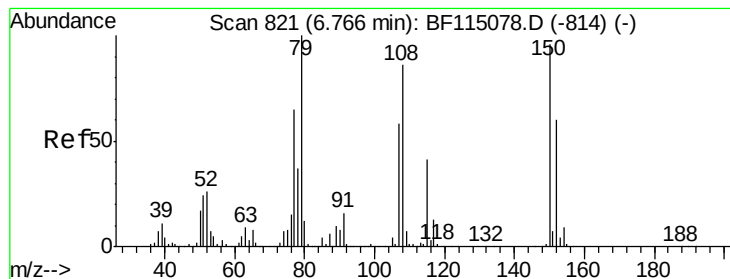
Abundance

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: 39.666 ng

RT: 6.75 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.8	68.7	103.1
77	64.0	51.7	77.5

Instrument :

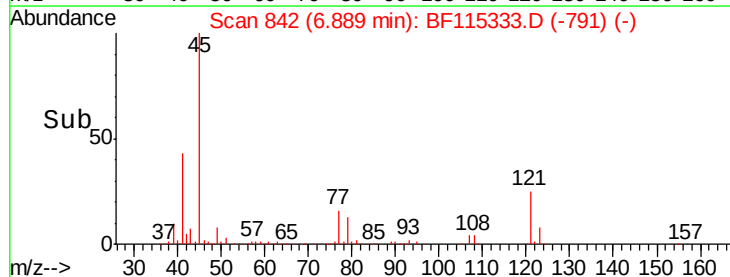
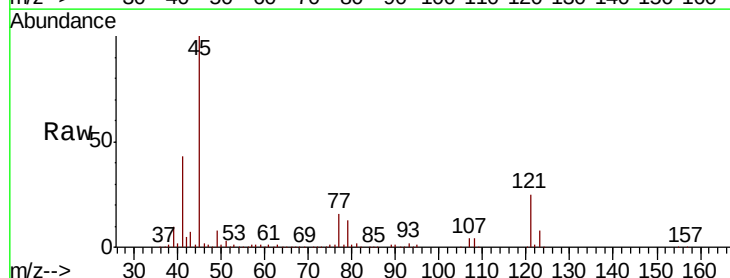
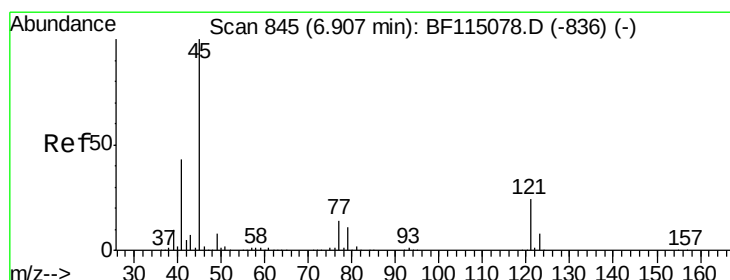
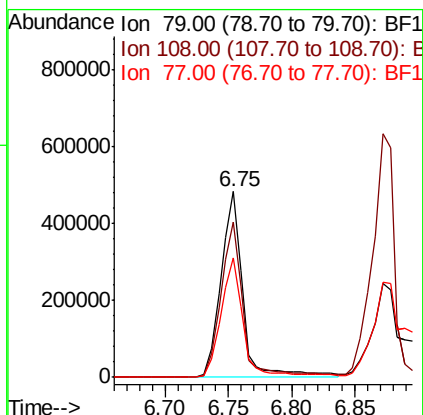
BNA_F

ClientSampleId :

PB121019BS

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.366 ng

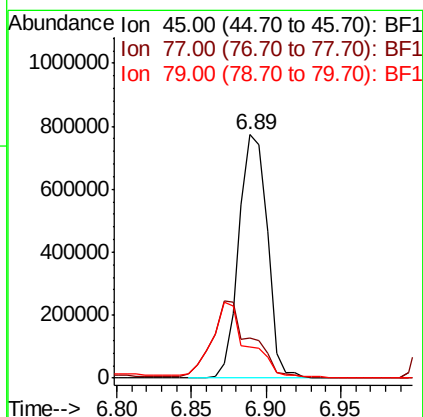
RT: 6.89 min Scan# 842

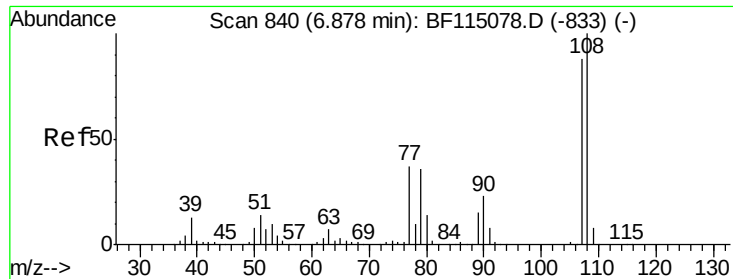
Delta R.T. 0.00 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	34.6
79	12.7	0.0	31.2





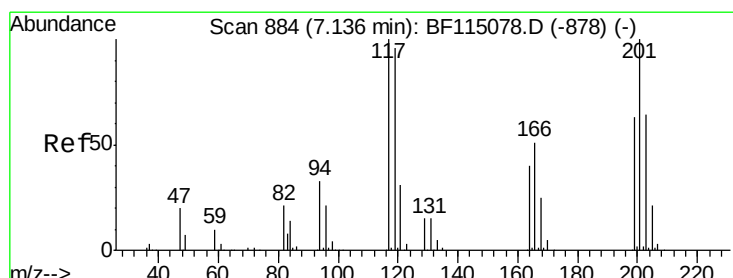
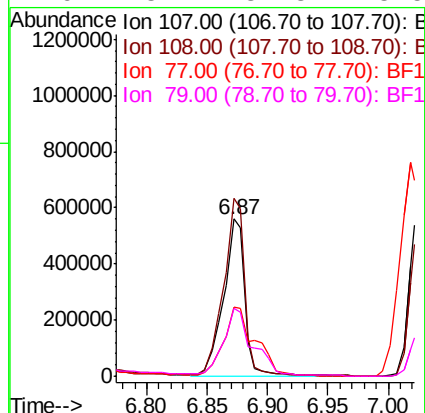
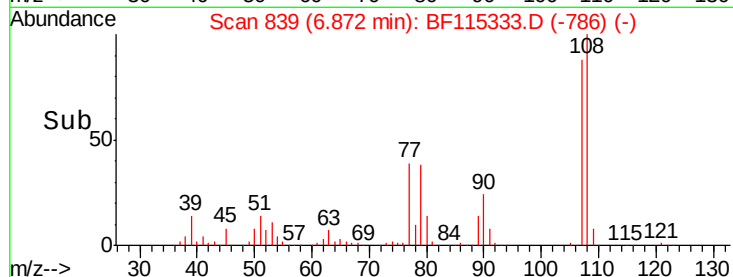
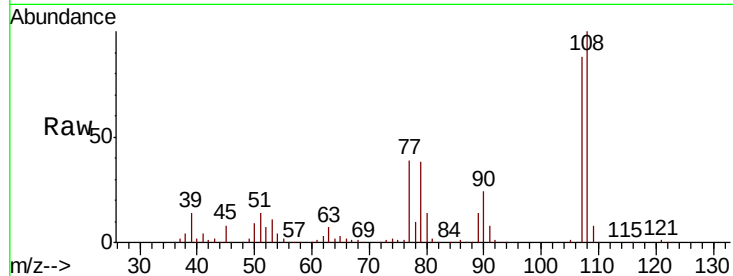
#17
2-Methylphenol
Concen: 43.748 ng
RT: 6.87 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Instrument :
BNA_F
ClientSampleId :
PB121019BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	678935		
108	113.0	90.9	136.3	
77	44.0	33.4	50.2	
79	43.4	32.3	48.5	

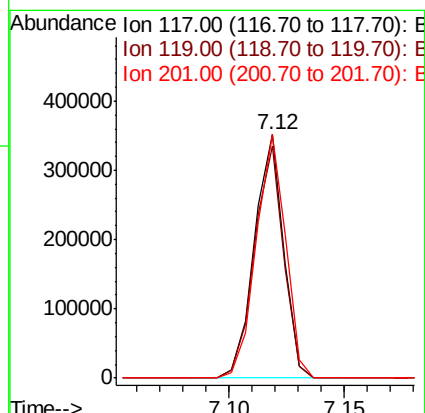
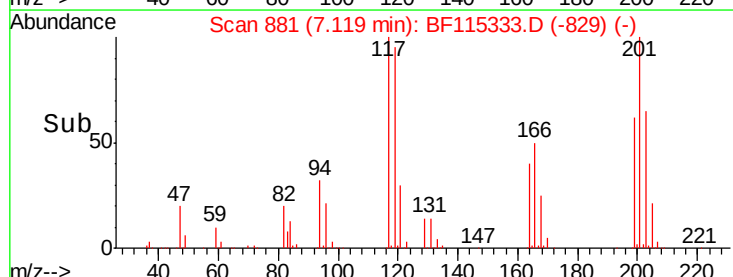
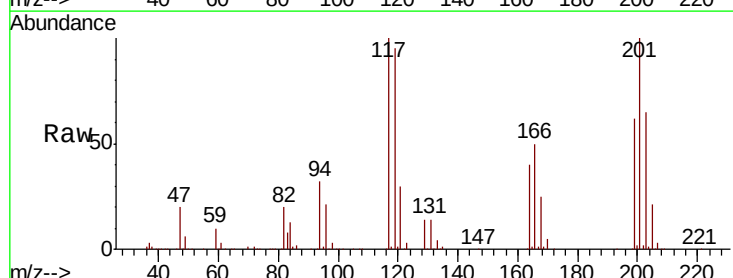
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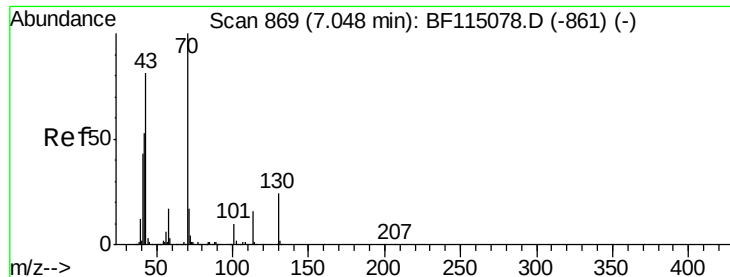
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#18
Hexachloroethane
Concen: 41.054 ng
RT: 7.12 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	309685		
119	95.2	76.6	114.8	
201	99.9	80.2	120.2	





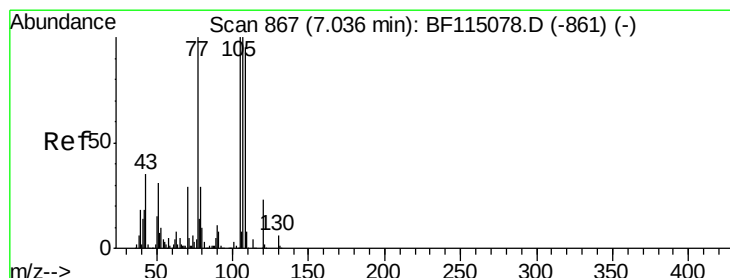
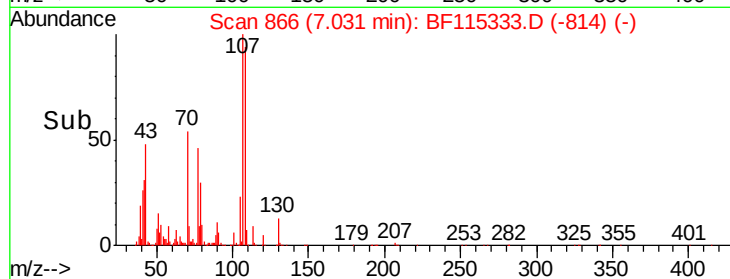
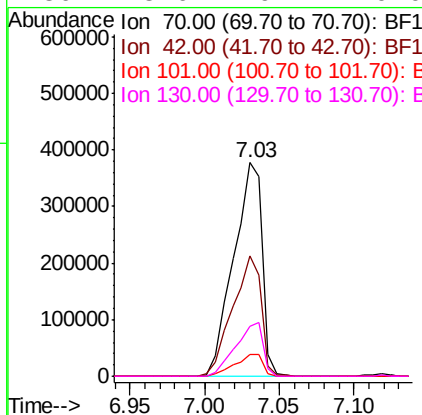
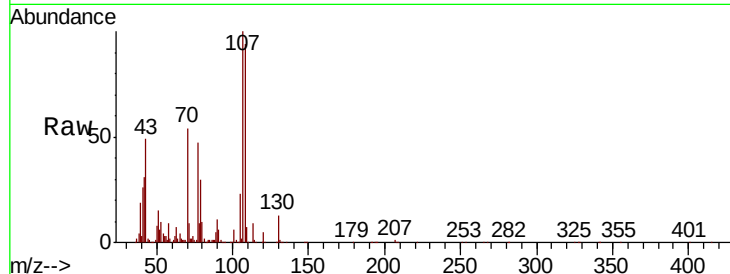
#19
n-Nitroso-di-n-propylamine
Concen: 38.841 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Instrument :
BNA_F
ClientSampleId :
PB121019BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.5	42.6	63.8
101	10.2	8.0	12.0
130	23.6	19.4	29.0

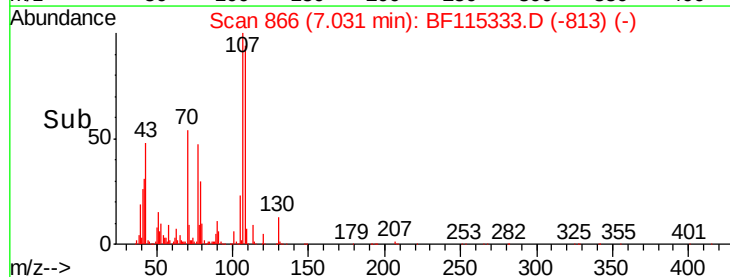
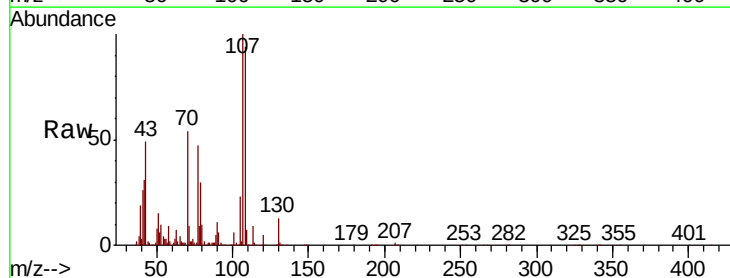
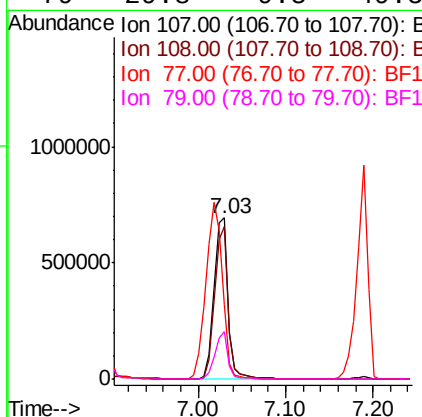
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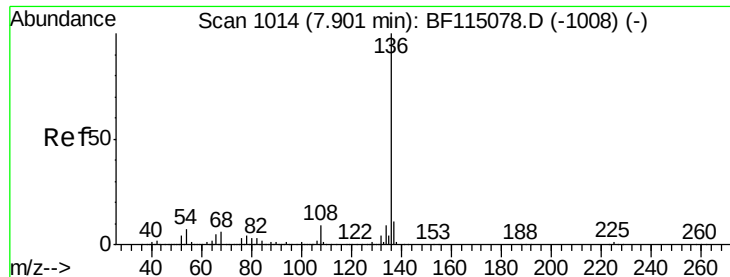
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#20
3+4-Methylphenols
Concen: 43.125 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.3	75.5	115.5
77	46.5	80.2	120.2#
79	29.8	9.5	49.5





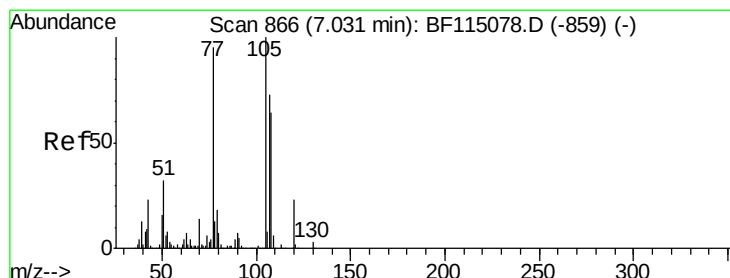
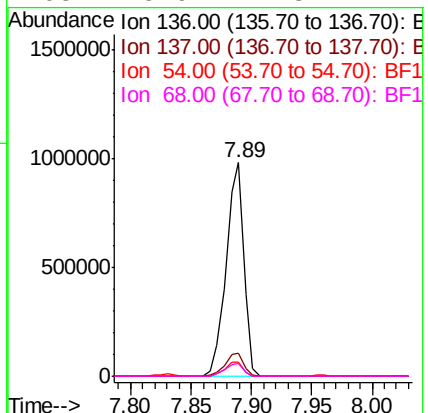
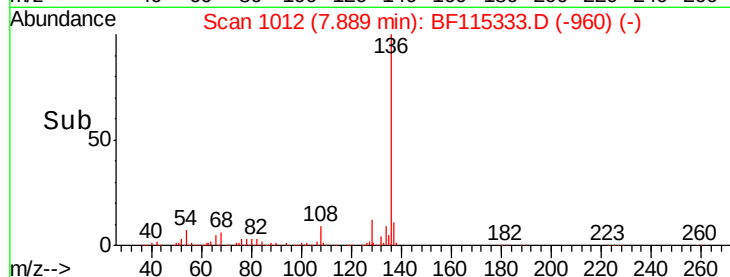
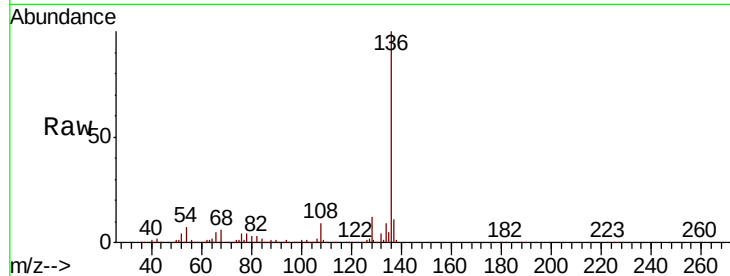
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Instrument :
BNA_F
ClientSampleId :
PB121019BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		995948		
137	11.0	8.9	13.3		
54	6.6	5.6	8.4		
68	5.9	4.8	7.2		

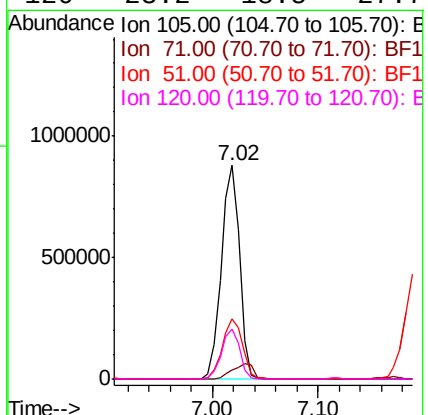
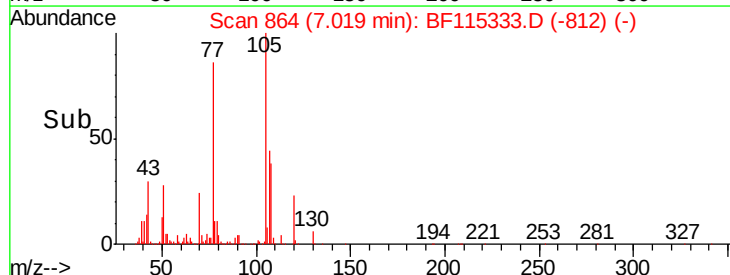
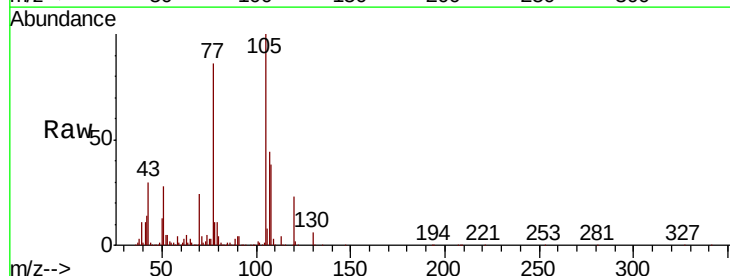
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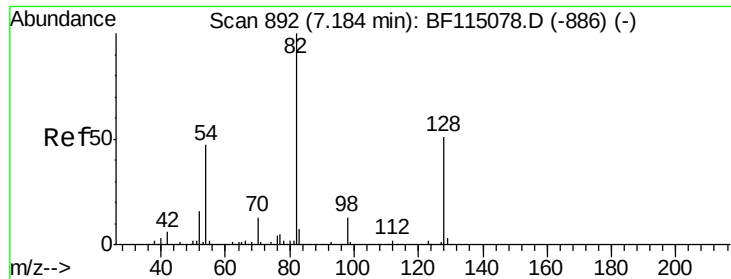
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#22
Acetophenone
Concen: 46.351 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1056826		
71	4.1	1.9	2.9#		
51	28.4	25.8	38.8		
120	23.2	18.5	27.7		





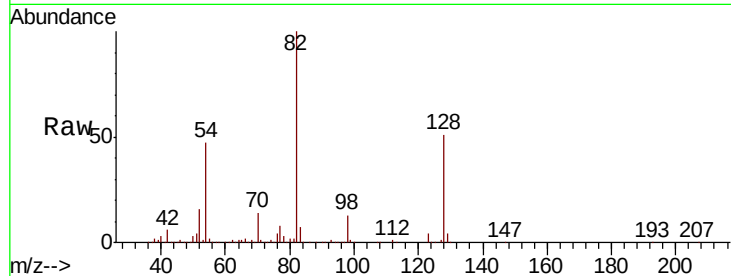
#23
 Nitrobenzene-d5
 Concen: 92.392 ng
 RT: 7.17 min Scan# 890
 Delta R.T. 0.01 min
 Lab File: BF115333.D
 Acq: 1 Jul 2019 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121019BS

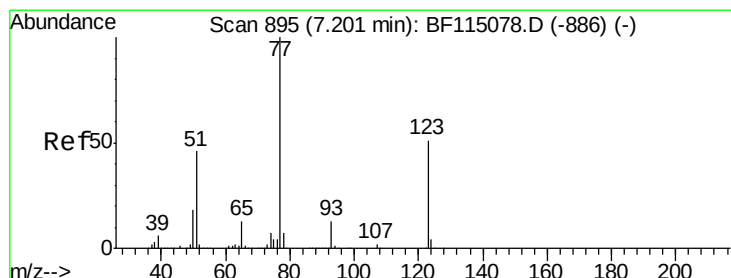
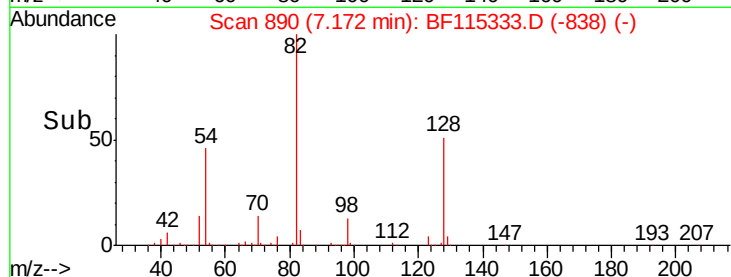
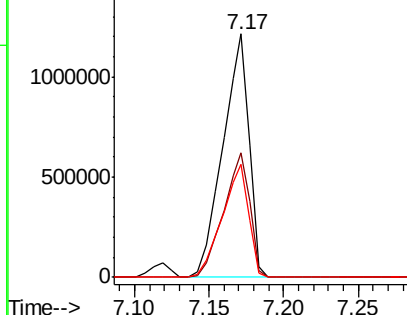
Tot Ion	82	Resp	1495843
Ion Ratio	100	Lower	Upper
128	50.9	40.4	60.6
54	46.7	37.5	56.3

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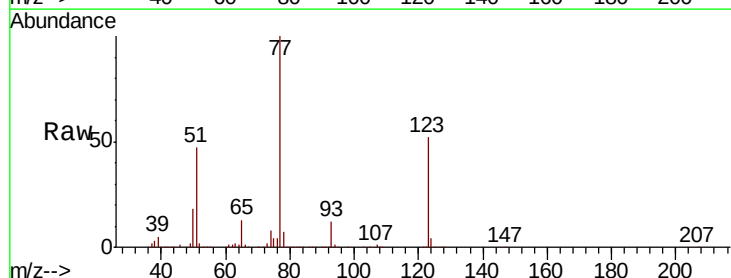


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

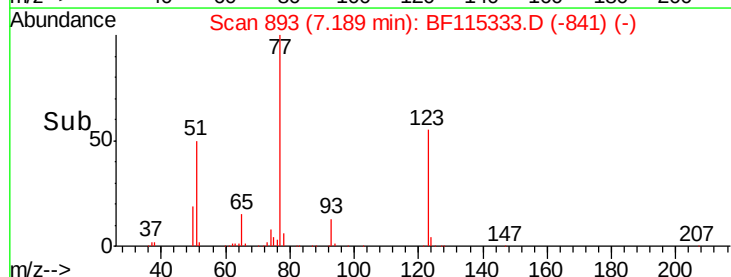
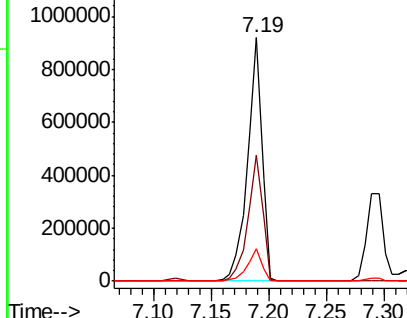


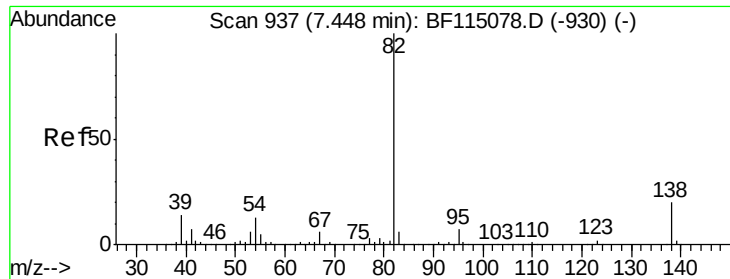
#24
 Nitrobenzene
 Concen: 44.792 ng
 RT: 7.19 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: BF115333.D
 Acq: 1 Jul 2019 12:34

Tgt Ion	77	Resp	798935
Ion Ratio	100	Lower	Upper
123	51.7	41.0	61.6
65	13.3	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: 44.802 ng

RT: 7.44 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

Instrument :

BNA_F

ClientSampleId :

PB121019BS

Tot Ion: 82 Resp: 1485902

Ion Ratio Lower Upper

82 100

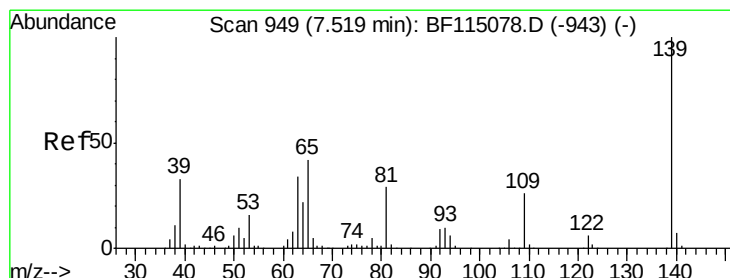
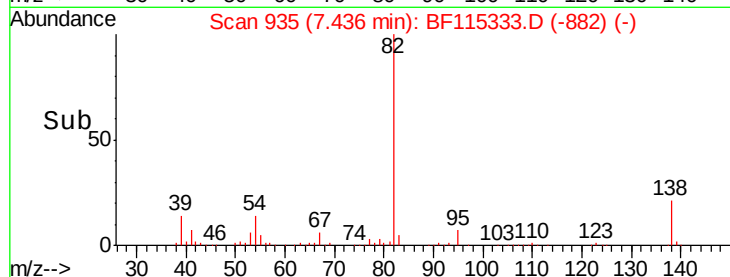
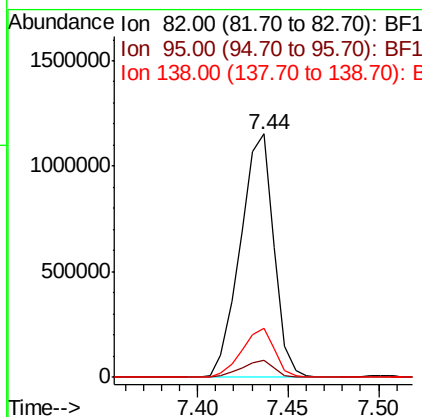
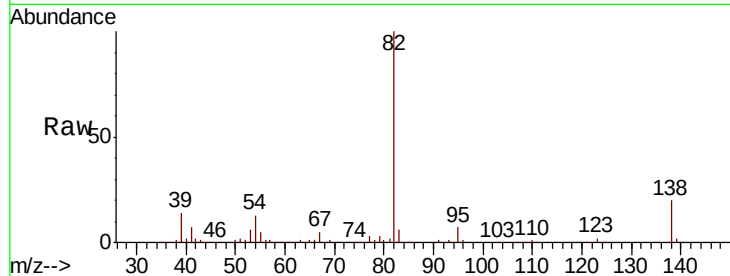
95 6.9 5.4 8.2

138 20.3 15.9 23.9

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#26

2-Nitrophenol

Concen: 51.608 ng

RT: 7.51 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

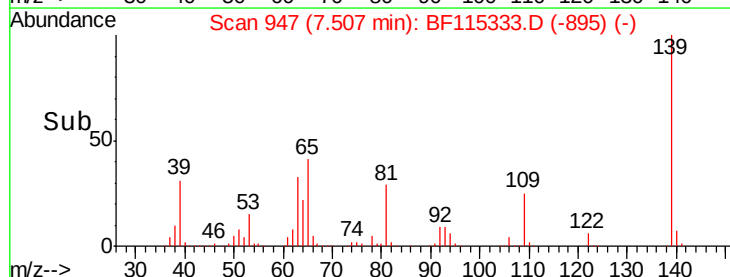
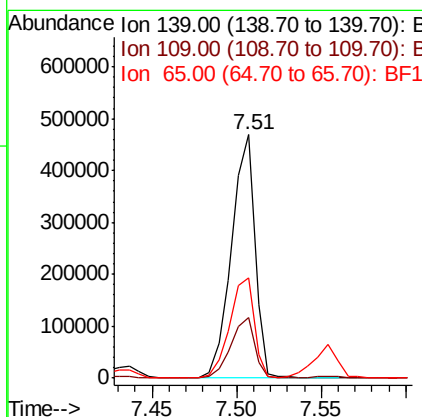
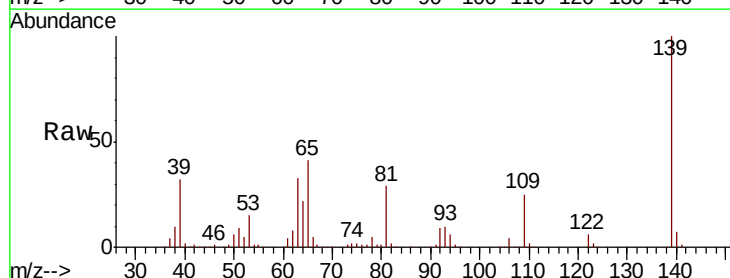
Tgt Ion: 139 Resp: 454587

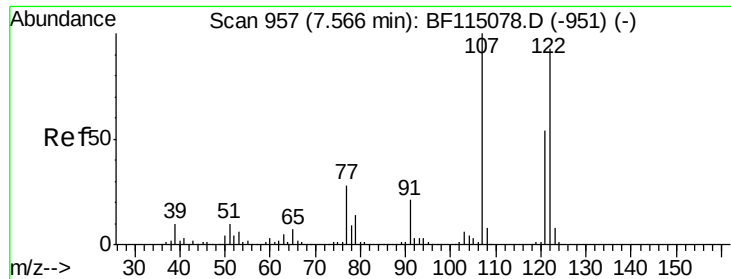
Ion Ratio Lower Upper

139 100

109 25.0 20.4 30.6

65 41.0 33.6 50.4





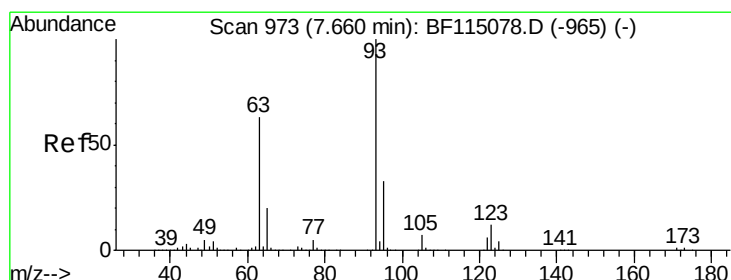
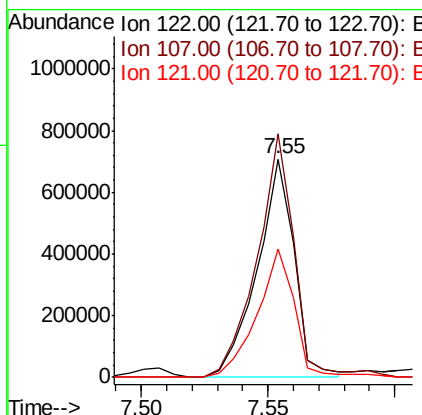
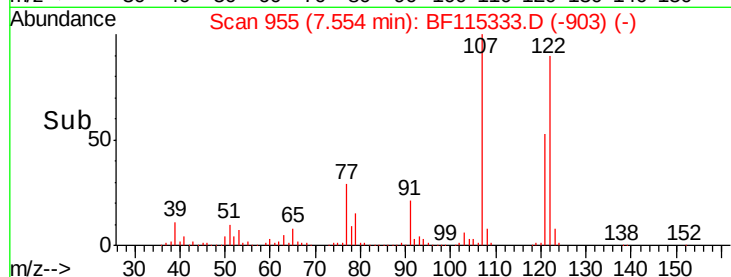
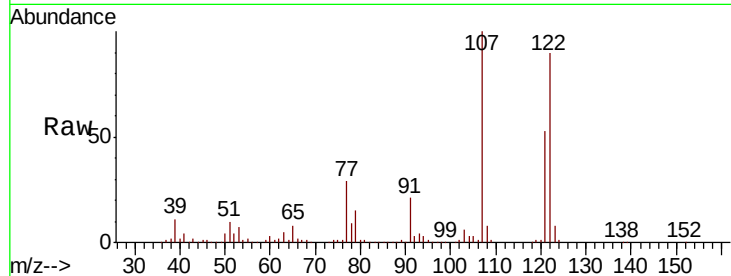
#27
2,4-Dimethylphenol
Concen: 50.102 ng
RT: 7.55 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Instrument :
BNA_F
ClientSampleId :
PB121019BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.6	85.8	128.6
121	59.0	46.3	69.5

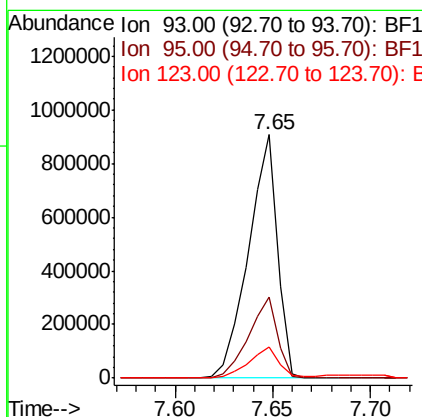
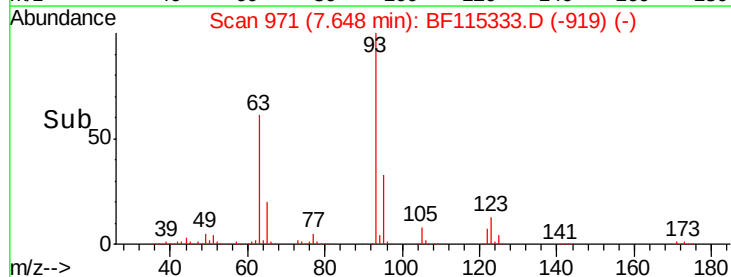
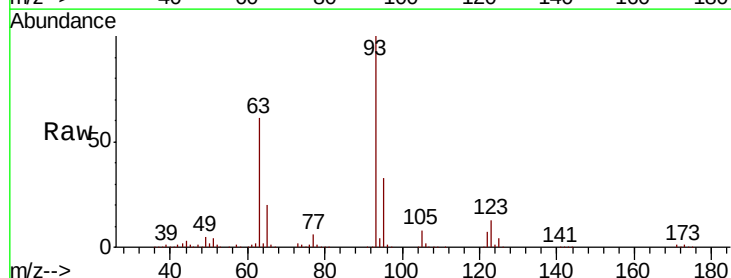
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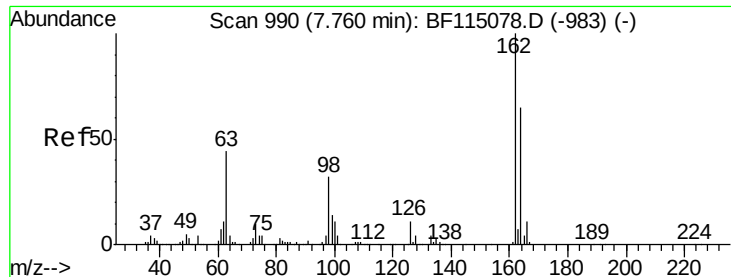
mohammad
7/2/2019 2:53:28 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.503 ng
RT: 7.65 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.2	39.4
123	12.9	9.7	14.5





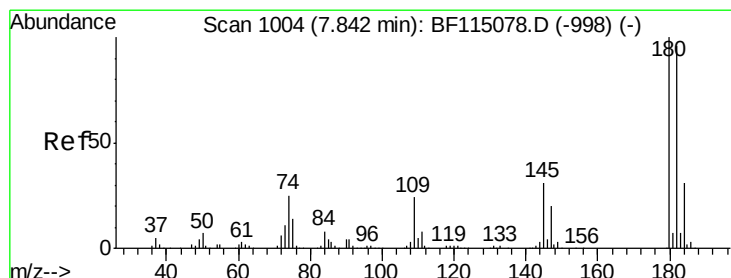
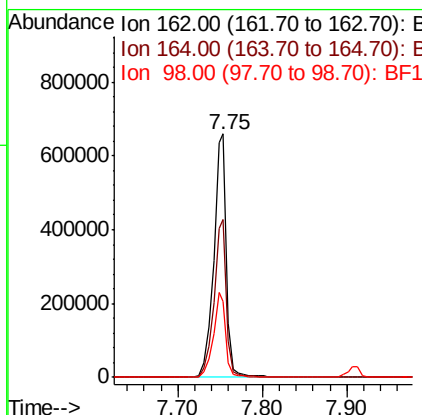
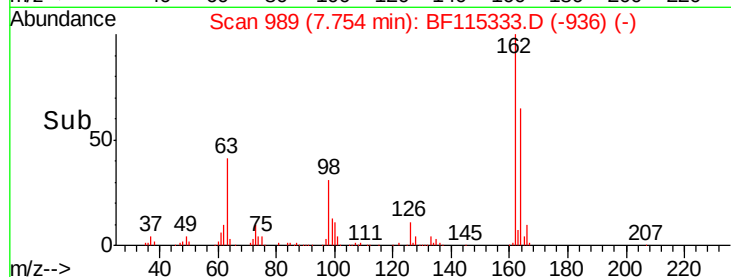
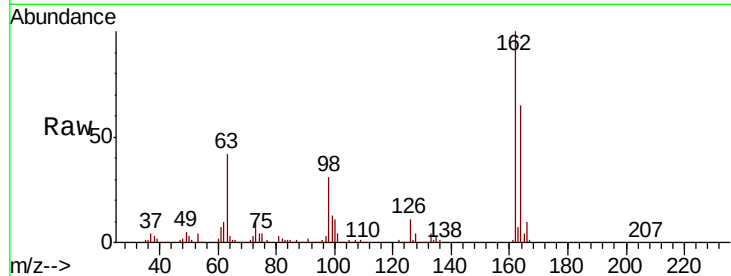
#29
2,4-Dichlorophenol
Concen: 47.745 ng
RT: 7.75 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Instrument :
BNA_F
ClientSampleId :
PB121019BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	710608		
164	65.1	45.3	85.3	
98	31.0	12.5	52.5	

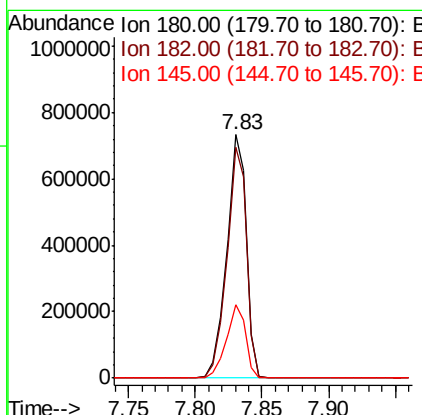
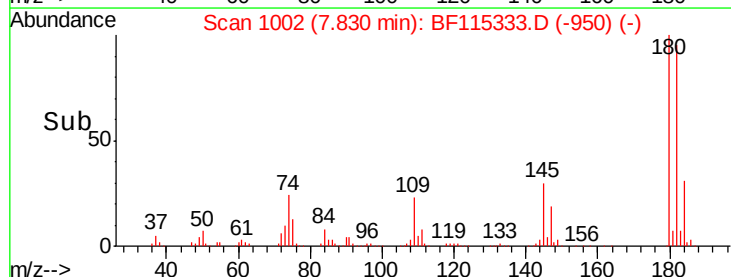
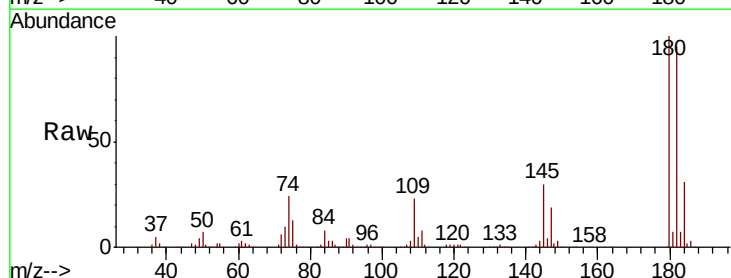
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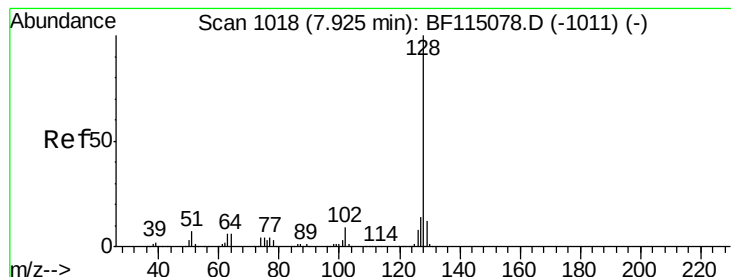
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 46.227 ng
RT: 7.83 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	759970		
182	94.6	76.4	114.6	
145	30.2	24.8	37.2	





#31

Naphthalene

Concen: 45.536 ng

RT: 7.91 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

Instrument :

BNA_F

ClientSampleId :

PB121019BS

Tot Ion:128 Resp: 2226209

Ion Ratio Lower Upper

128 100

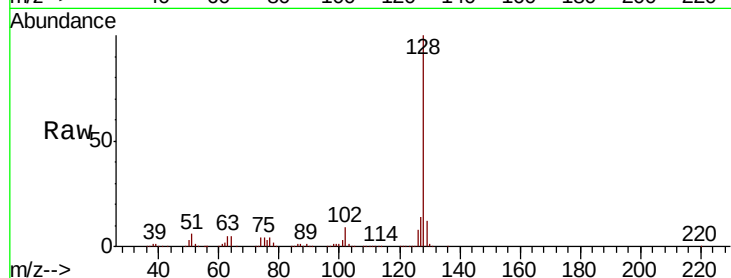
129 11.6 9.6 14.4

127 14.1 11.4 17.0

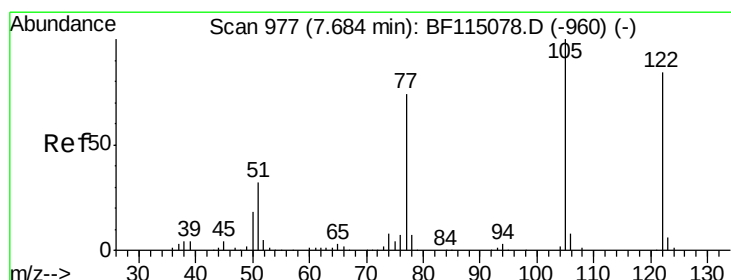
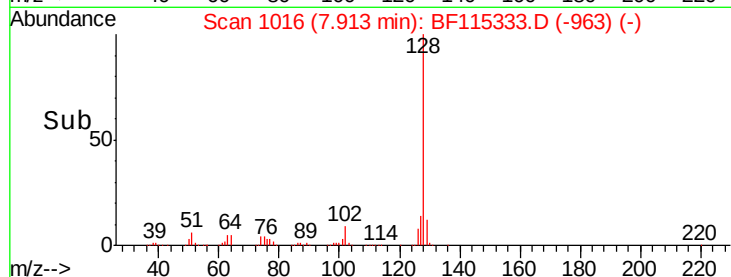
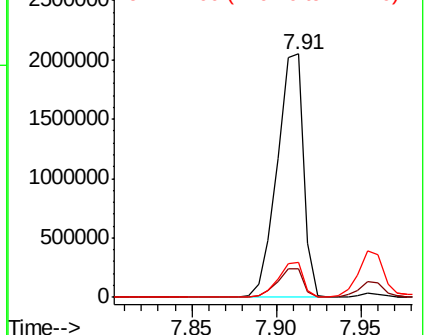
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 52.167 ng

RT: 7.70 min Scan# 980

Delta R.T. 0.04 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

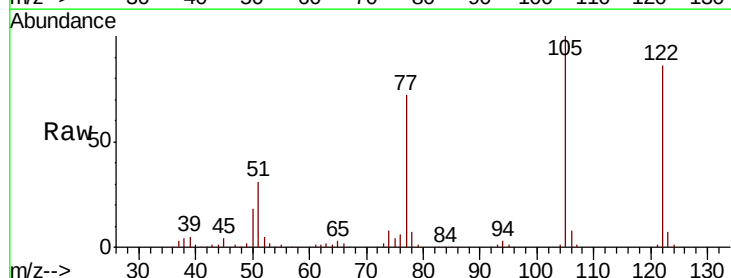
Tgt Ion:122 Resp: 537042

Ion Ratio Lower Upper

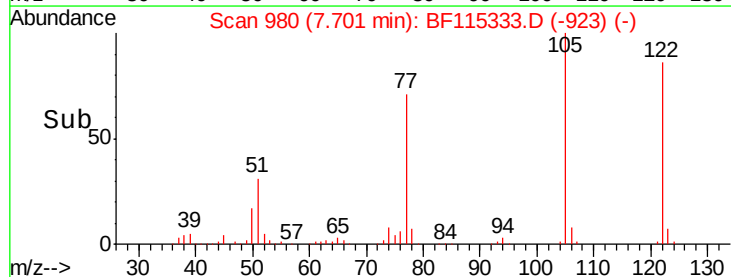
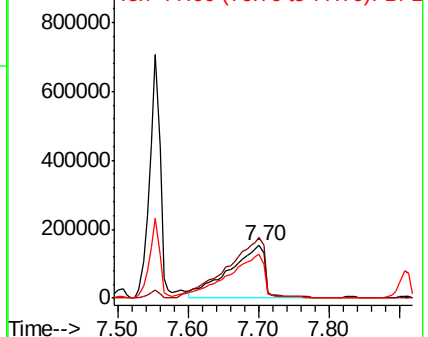
122 100

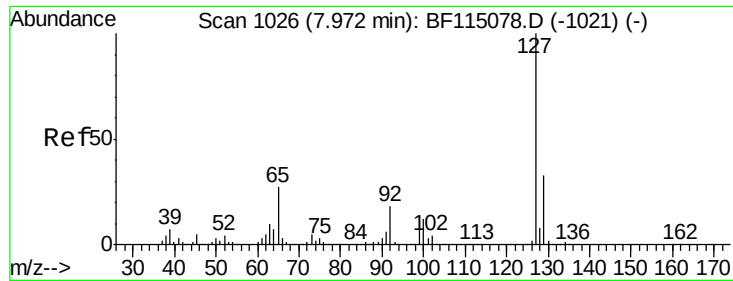
105 115.8 98.2 138.2

77 83.9 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





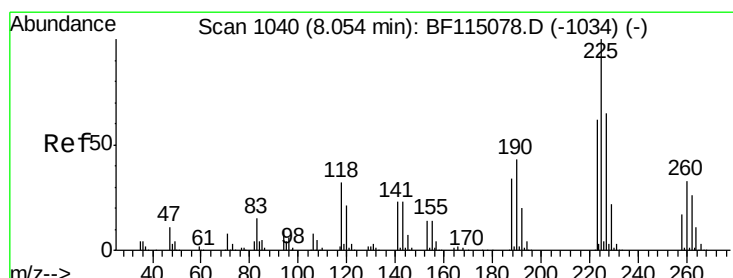
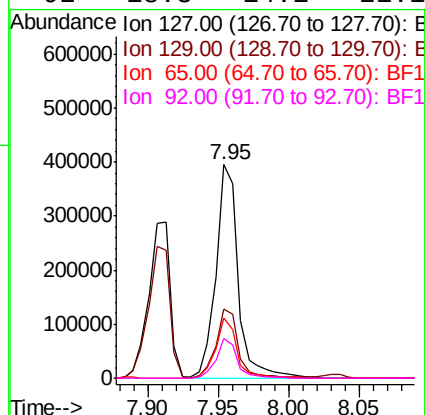
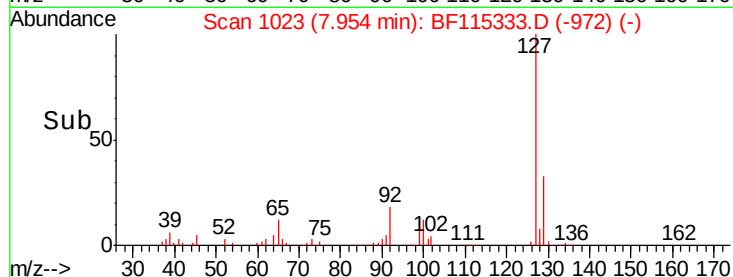
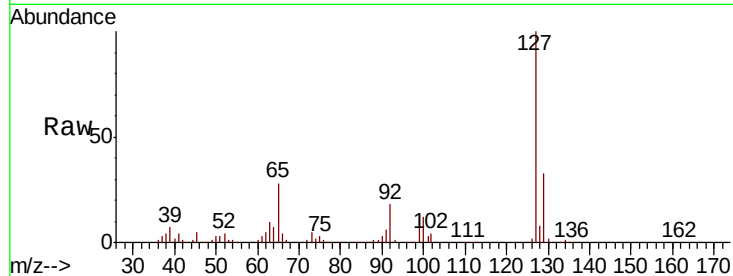
#33
4-Chloroaniline
Concen: 19.406 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Instrument :
BNA_F
ClientSampleId :
PB121019BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.1	39.1		
65	28.1	21.4	32.2		
92	18.3	14.1	21.1		

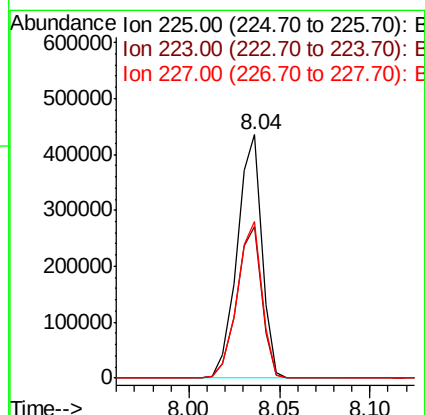
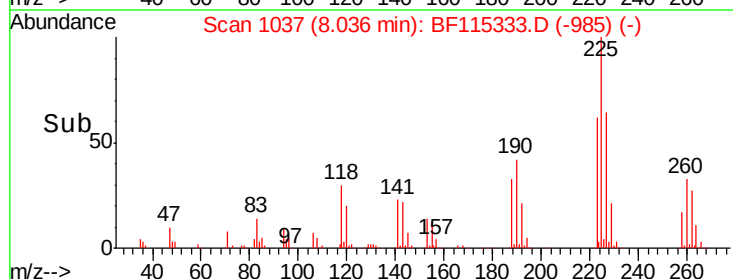
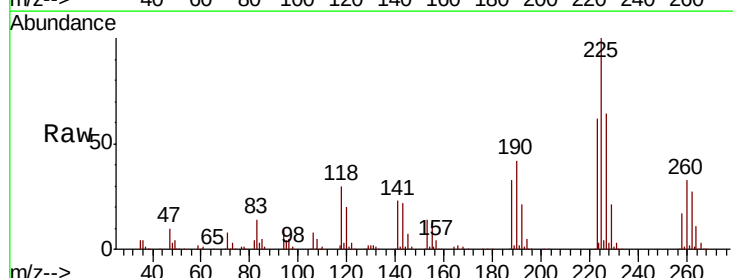
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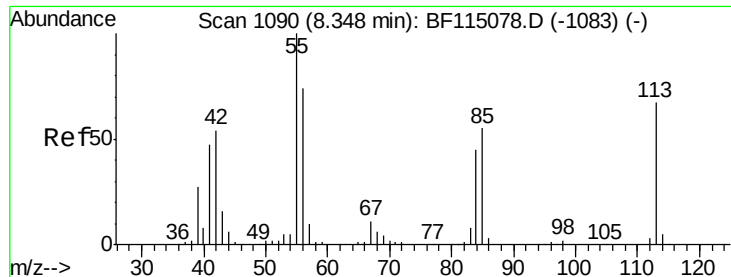
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#34
Hexachlorobutadiene
Concen: 45.483 ng
RT: 8.04 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	49.4	74.2		
227	64.4	51.8	77.8		





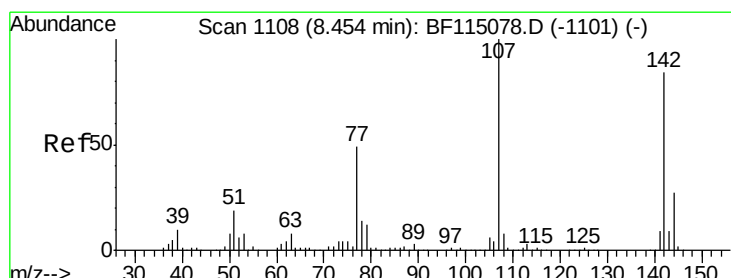
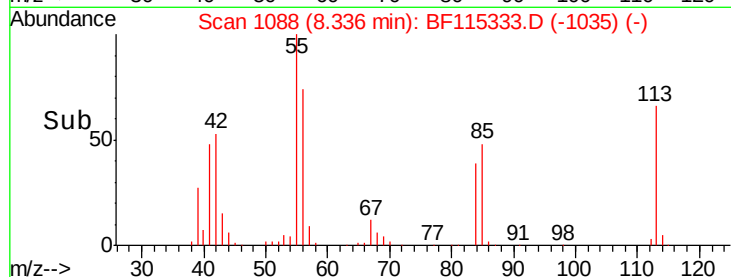
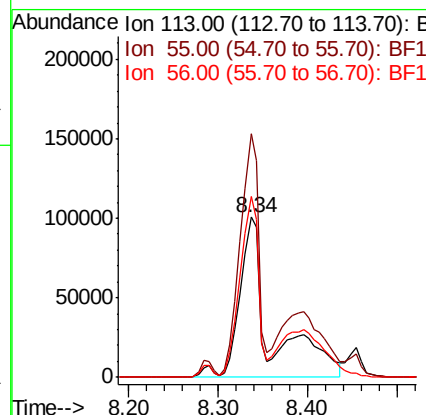
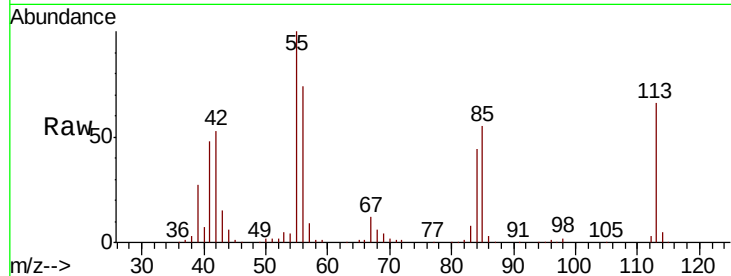
#35
Caprolactam
Concen: 47.750 ng/ml
RT: 8.34 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Instrument :
BNA_F
ClientSampleId :
PB121019BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.1	130.2	170.2
56	112.8	91.6	131.6

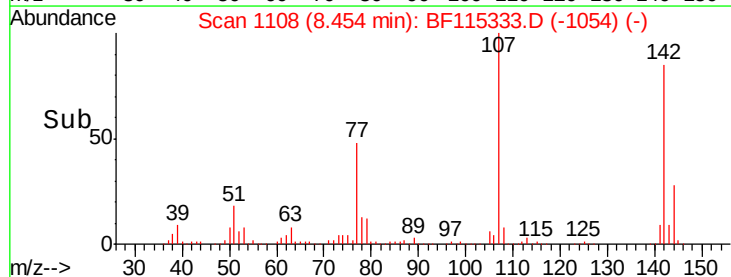
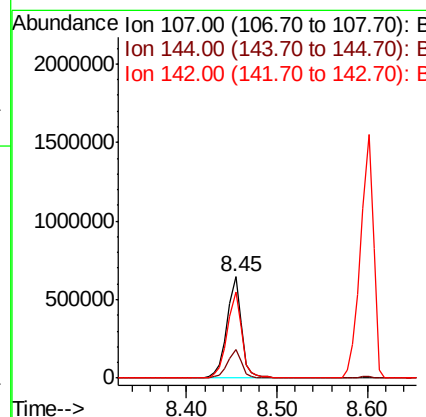
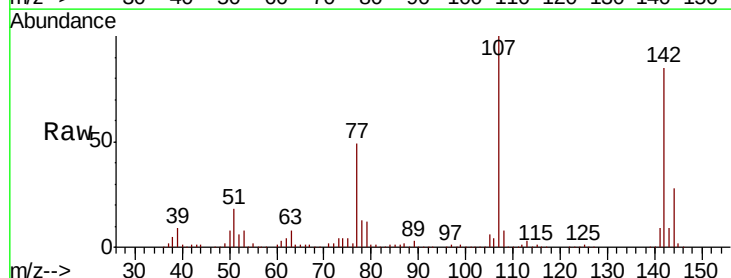
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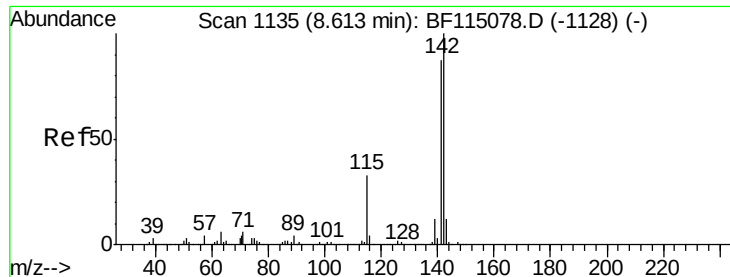
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#36
4-Chloro-3-methylphenol
Concen: 47.458 ng/ml
RT: 8.45 min Scan# 1108
Delta R.T. 0.02 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.0	21.7	32.5
142	85.2	67.0	100.4





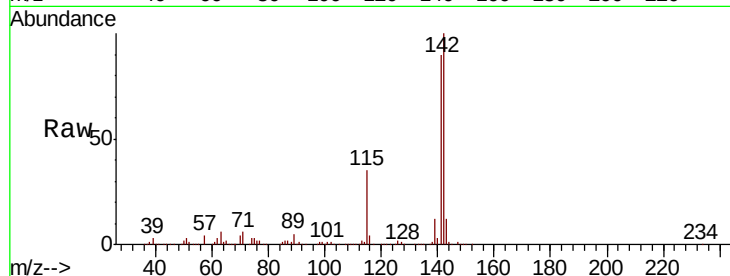
#37
2-Methylnaphthalene
Concen: 46.270 ng
RT: 8.60 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Instrument :
BNA_F
ClientSampleId :
PB121019BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	69.8	104.6
115	35.2	26.7	40.1

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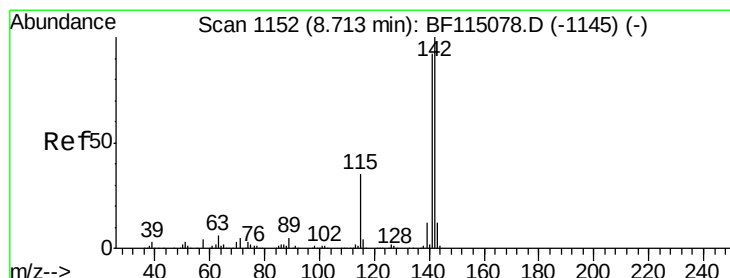
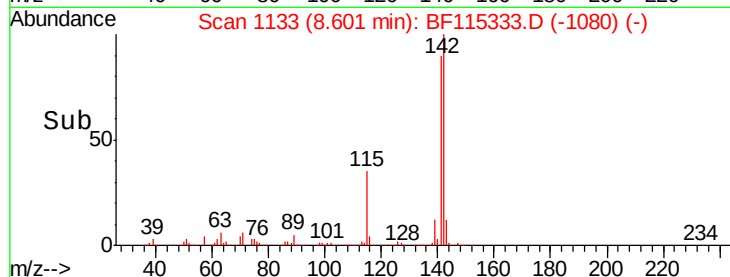
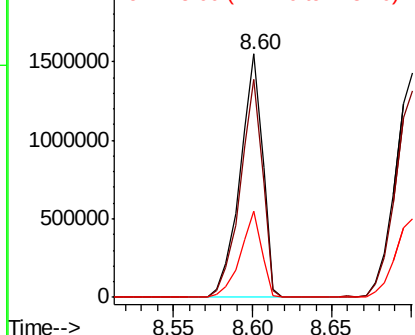


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.484 ng
RT: 8.70 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

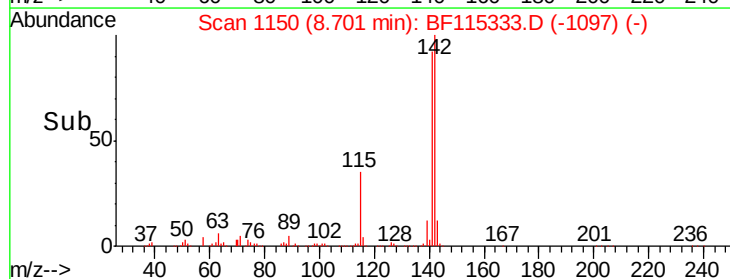
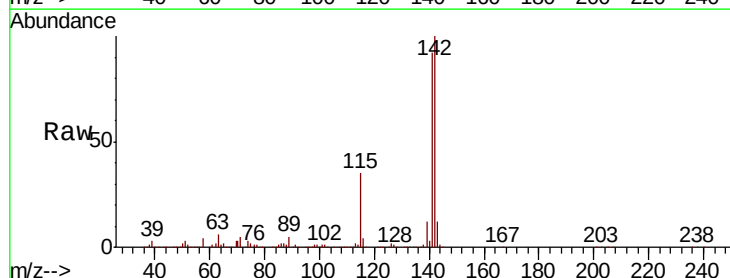
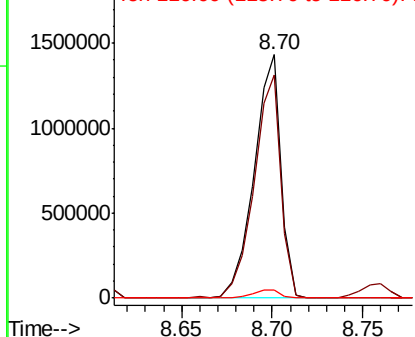
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.8	110.8
116	3.5	2.8	4.2

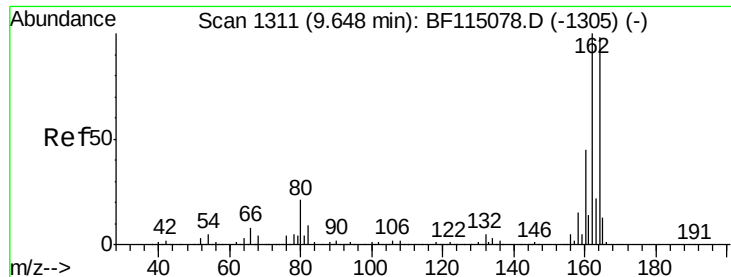
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





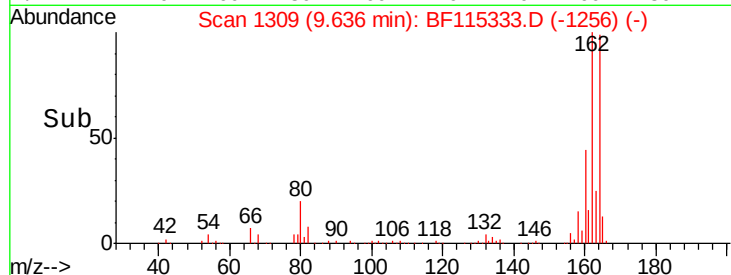
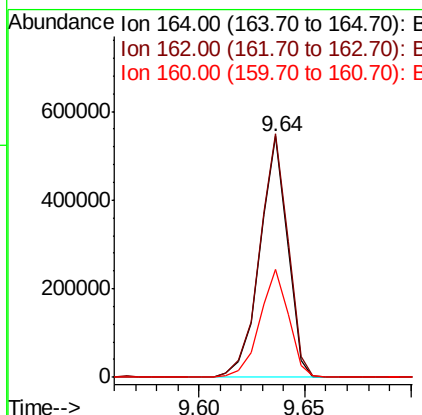
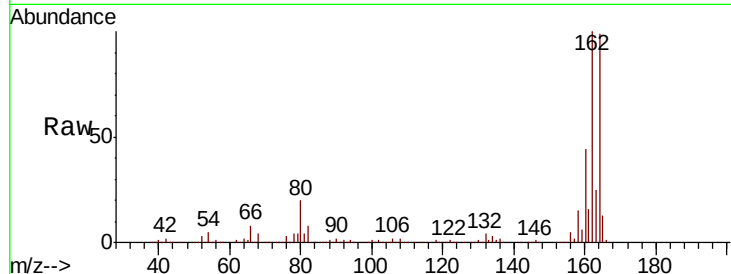
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BF115333.D
 Acq: 1 Jul 2019 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121019BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.7	122.5
160	45.0	37.0	55.4

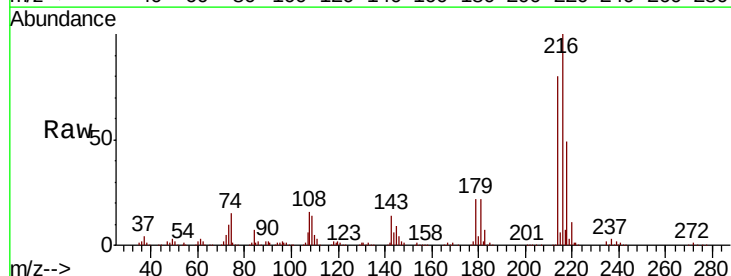
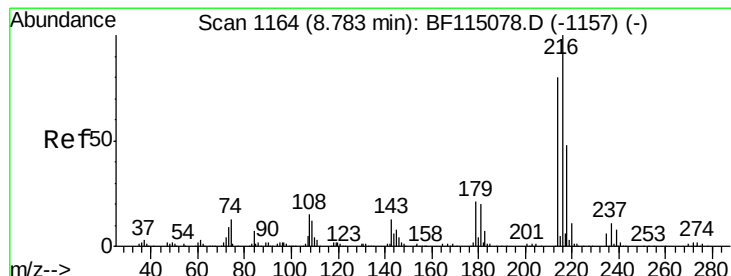
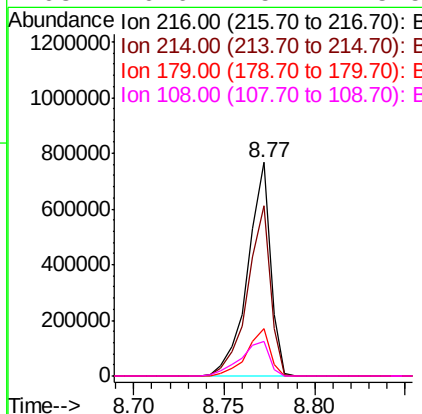
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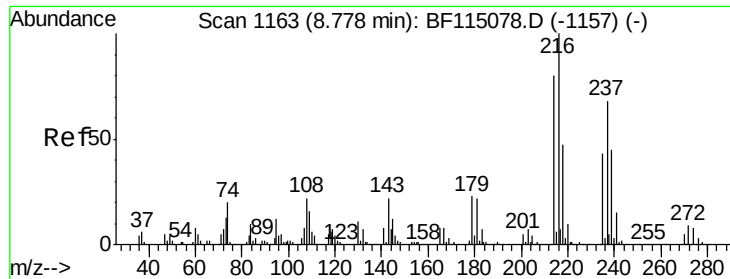
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.562 ng
 RT: 8.77 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF115333.D
 Acq: 1 Jul 2019 12:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.6
179	22.3	17.6	26.4
108	20.6	15.7	23.5





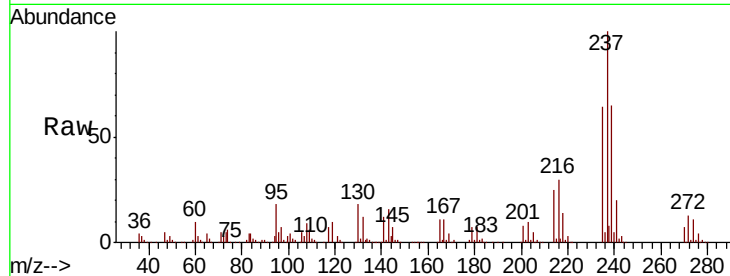
#41
Hexachlorocyclopentadiene
Concen: 87.994 ng
RT: 8.76 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Instrument :
BNA_F
ClientSampleId :
PB121019BS

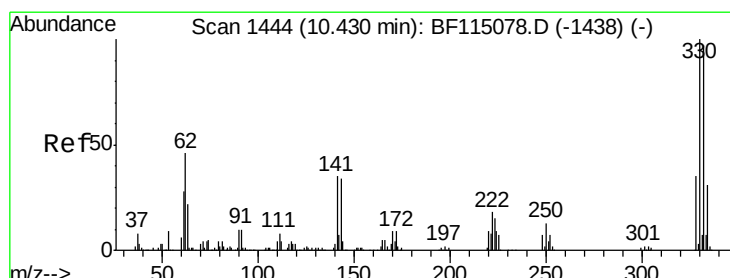
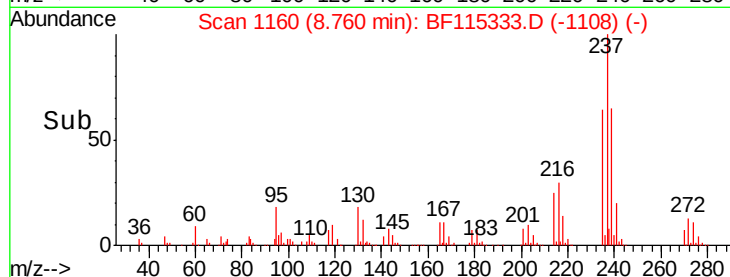
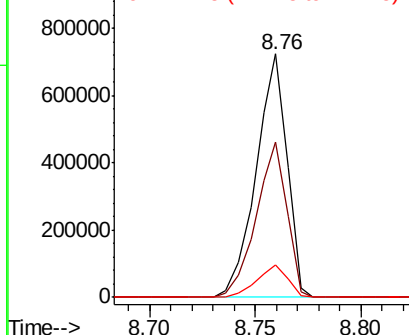
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.5	43.9	83.9	
272	13.5	0.0	33.8	

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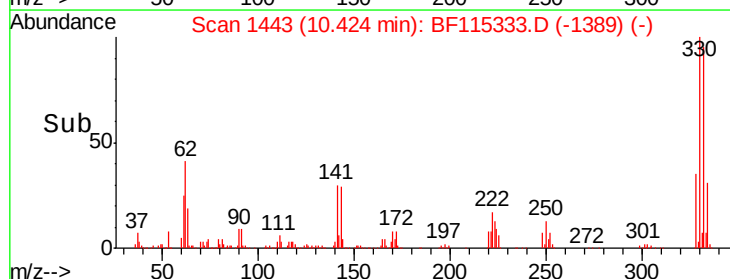
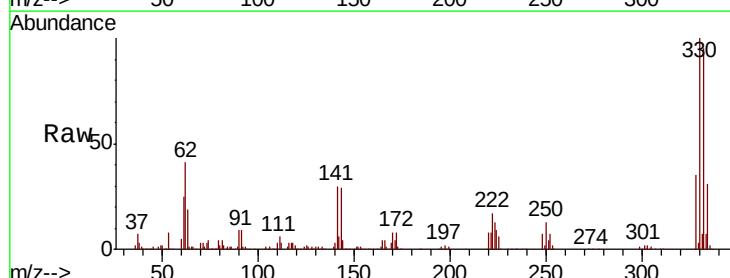
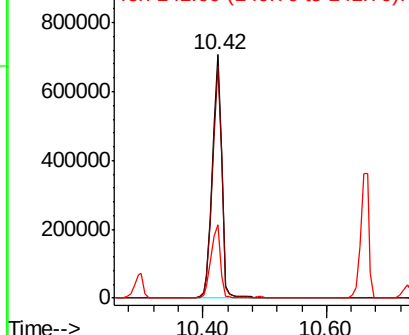
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

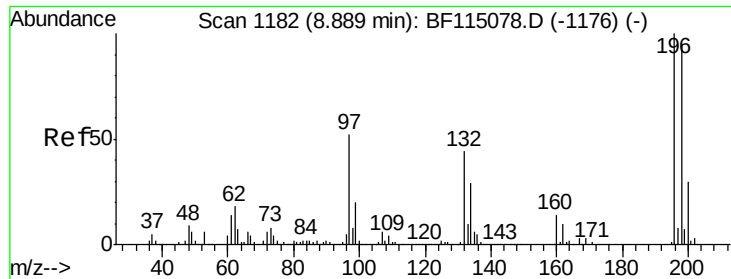


#42
2,4,6-Tribromophenol
Concen: 137.771 ng
RT: 10.42 min Scan# 1443
Delta R.T. 0.02 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.8	77.3	115.9	
141	30.7	28.2	42.2	

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





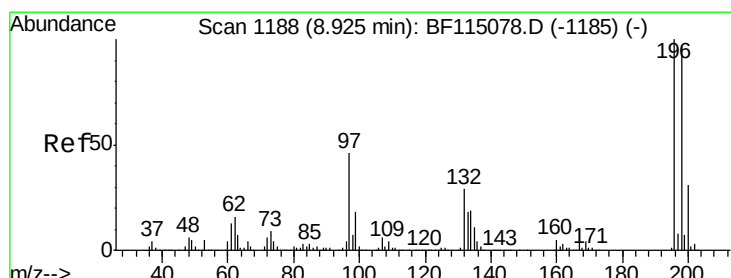
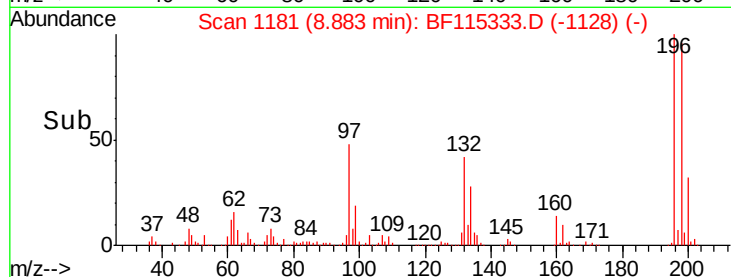
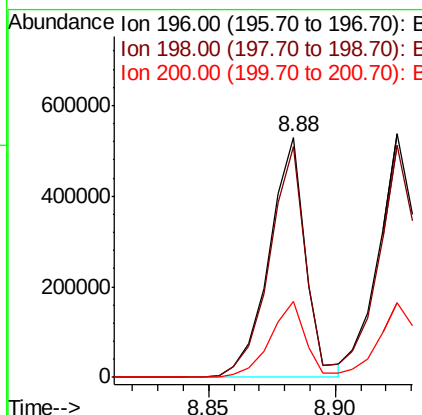
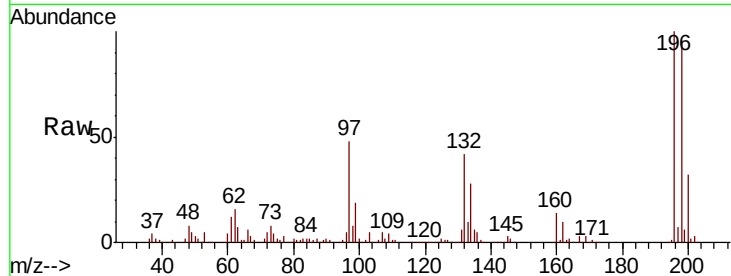
#43
2,4,6-Trichlorophenol
Concen: 48.373 ng
RT: 8.88 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Instrument :
BNA_F
ClientSampleId :
PB121019BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	526021		
198	95.9	76.3	114.5	
200	31.6	24.2	36.4	

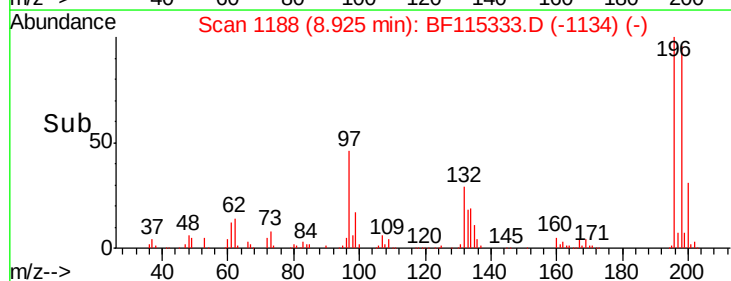
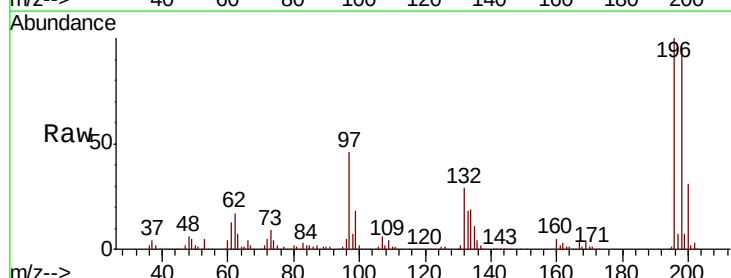
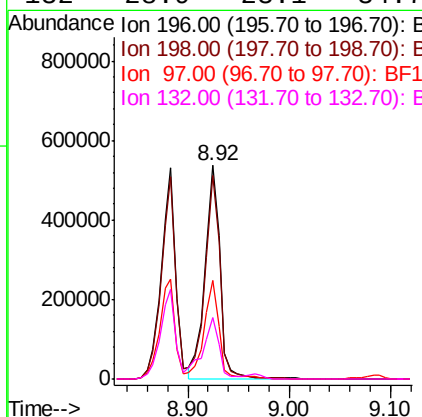
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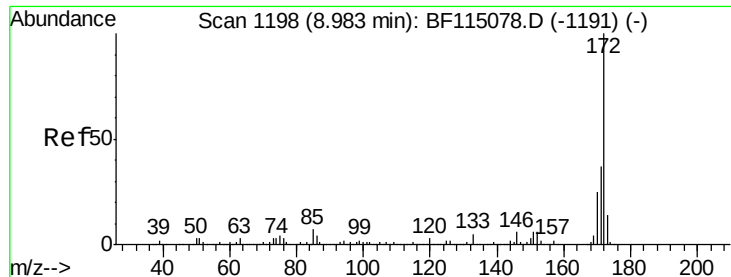
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 48.986 ng
RT: 8.92 min Scan# 1188
Delta R.T. 0.02 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	548565		
198	95.6	77.1	115.7	
97	46.2	37.7	56.5	
132	28.9	23.1	34.7	





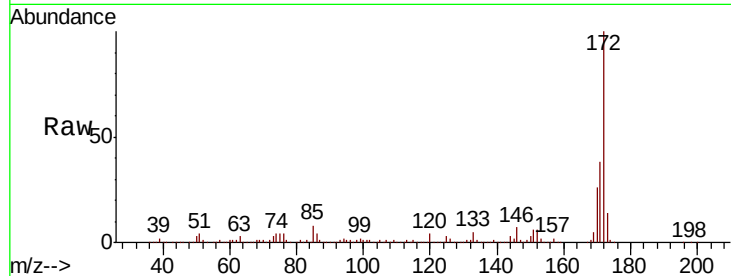
#45
2-Fluorobiphenyl
Concen: 94.495 ng
RT: 8.97 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Instrument :
BNA_F
ClientSampleId :
PB121019BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.8	44.6
170	25.8	20.3	30.5

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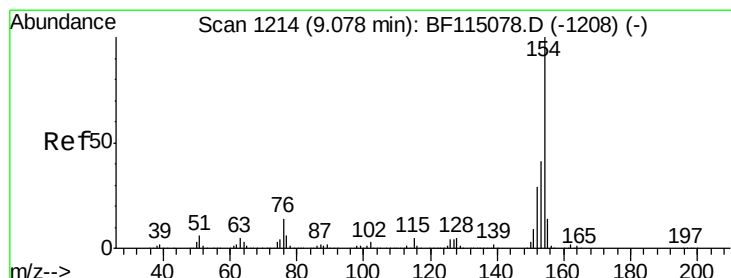
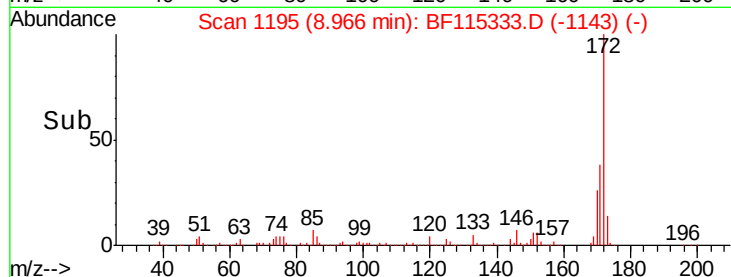
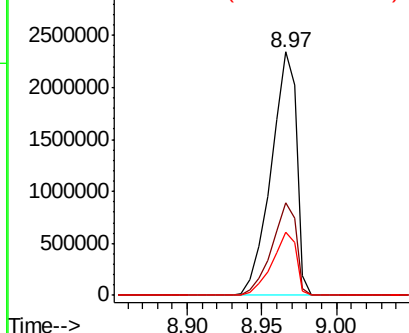


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.948 ng
RT: 9.07 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

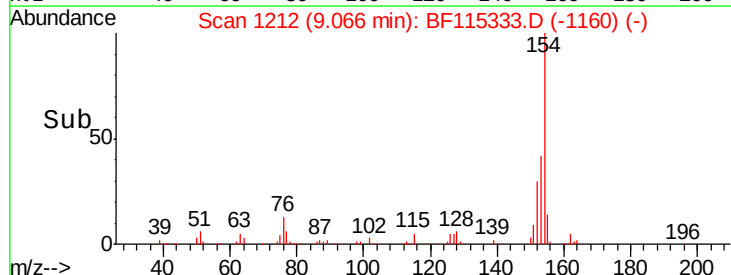
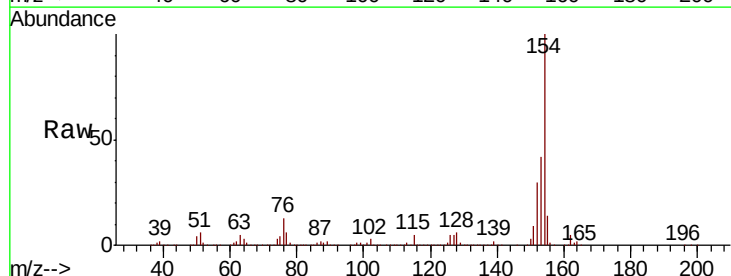
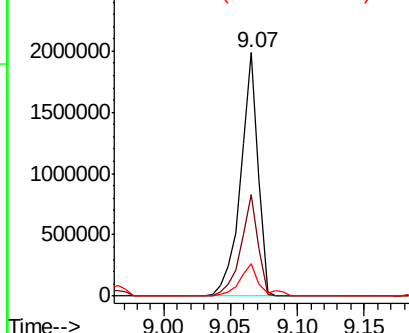
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.9	60.9
76	13.4	0.0	34.1

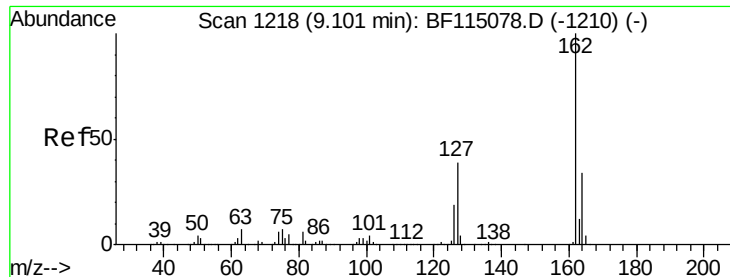
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





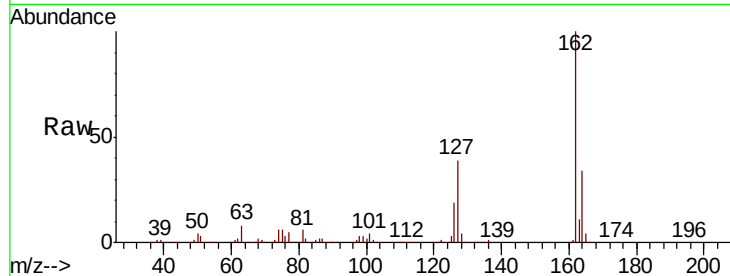
#47
 2-Chloronaphthalene
 Concen: 44.817 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF115333.D
 Acq: 1 Jul 2019 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121019BS

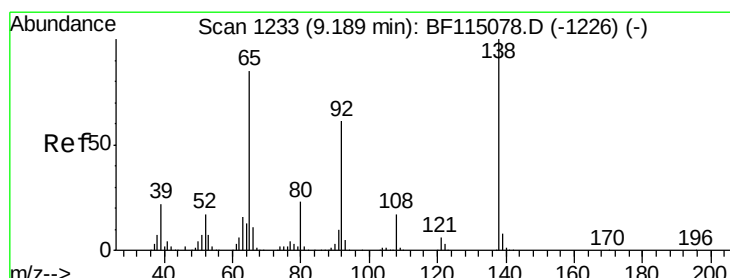
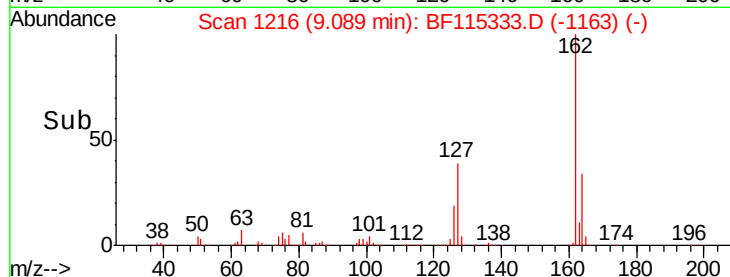
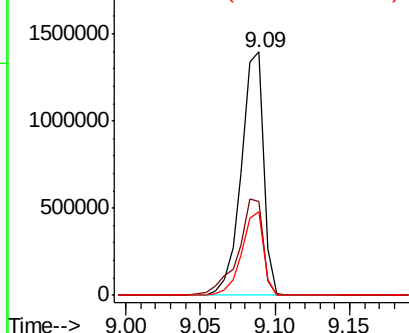
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	30.8	46.2
164	34.2	27.0	40.4

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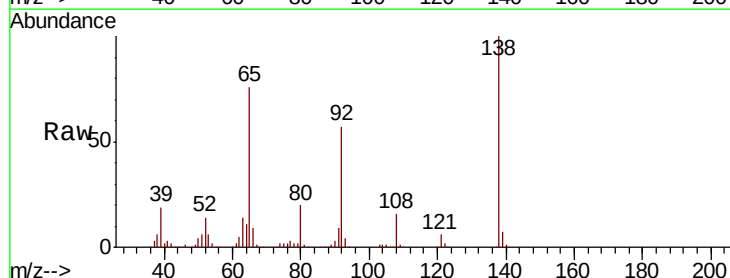


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

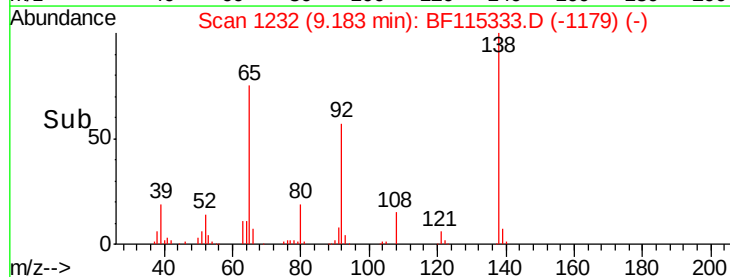
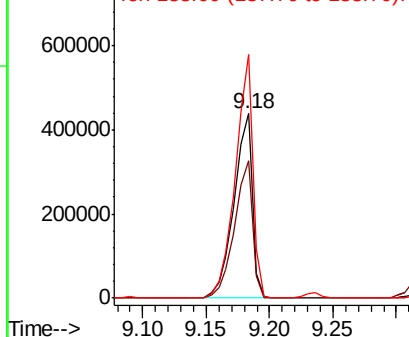


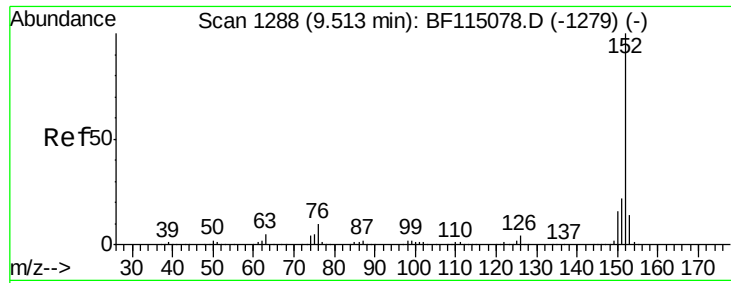
#48
 2-Nitroaniline
 Concen: 46.184 ng
 RT: 9.18 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BF115333.D
 Acq: 1 Jul 2019 12:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.7	57.4	86.2
138	132.1	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: 44.898 ng

RT: 9.50 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

Instrument :

BNA_F

ClientSampleId :

PB121019BS

Tot Ion:152 Resp: 2263038

Ion Ratio Lower Upper

152 100

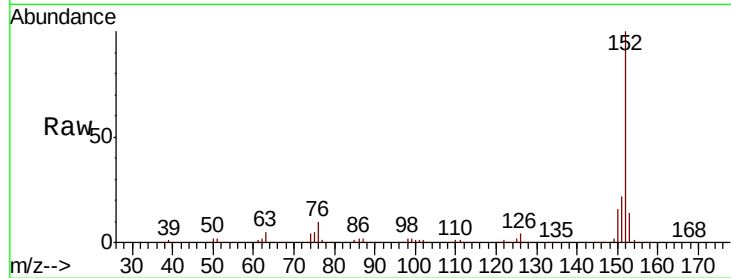
151 21.9 17.2 25.8

153 14.2 11.0 16.6

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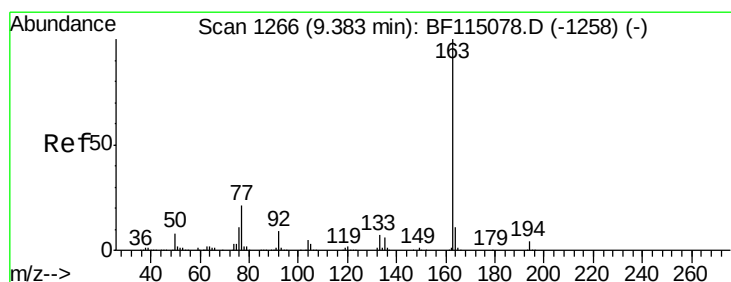
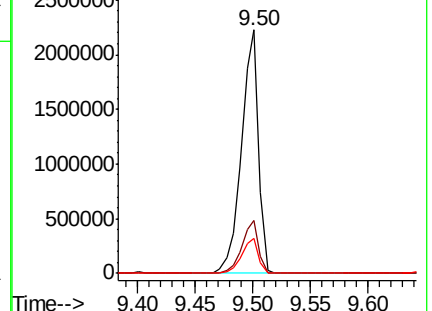
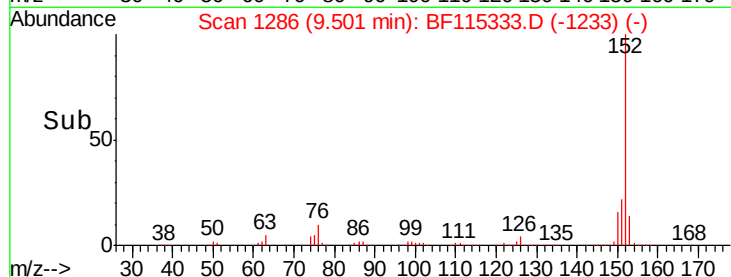
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.422 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

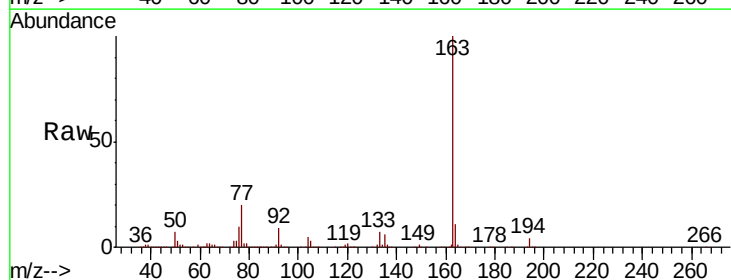
Tgt Ion:163 Resp: 1739028

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

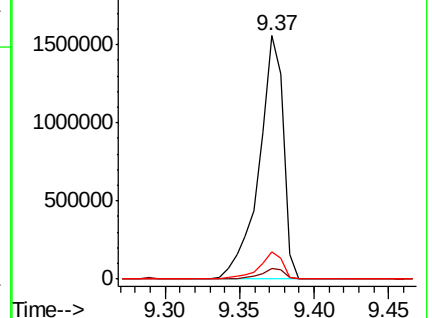
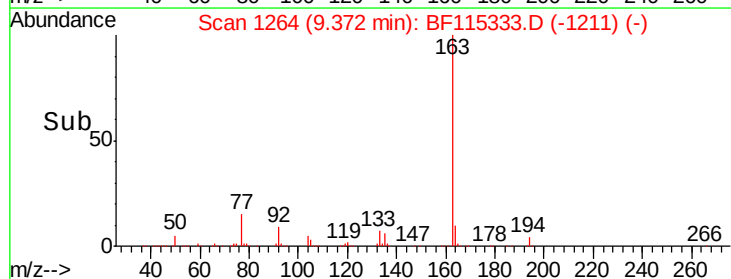
164 11.0 8.6 13.0

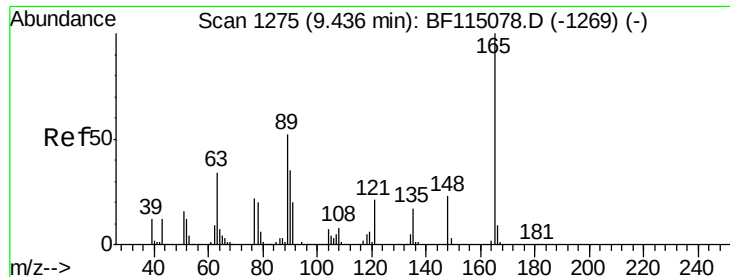


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.417 ng

RT: 9.43 min Scan# 1274

Delta R.T. 0.02 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

Instrument :

BNA_F

ClientSampleId :

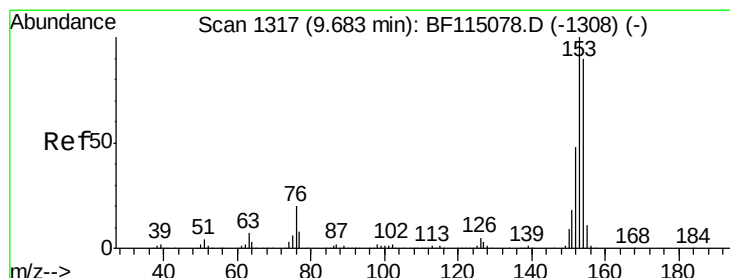
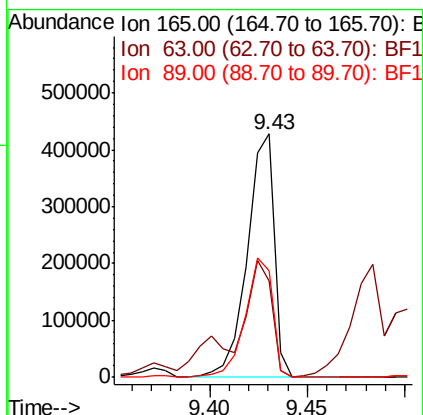
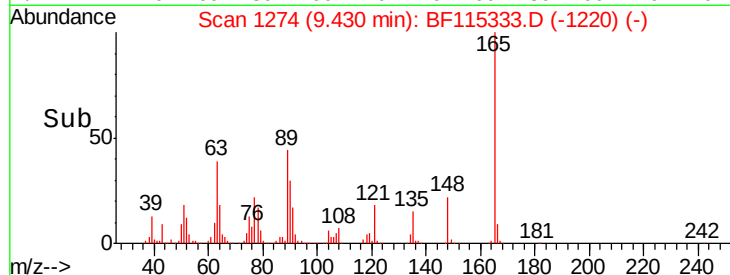
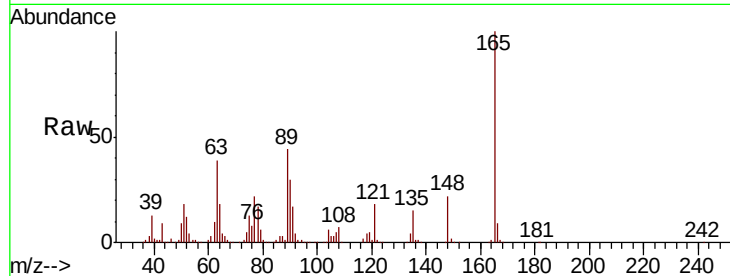
PB121019BS

Tot Ion:165 Resp: 409914
Ion Ratio Lower Upper

165	100		
63	39.4	39.4	59.2#
89	43.7	42.0	63.0

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#52

Acenaphthene

Concen: 41.541 ng

RT: 9.67 min Scan# 1315

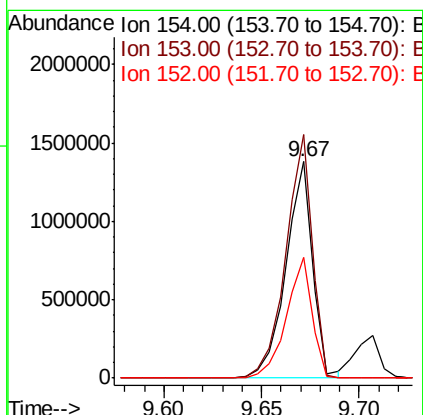
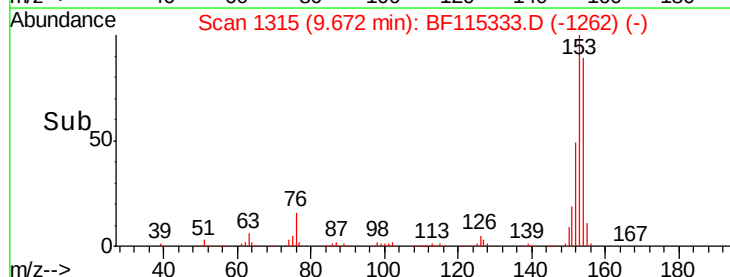
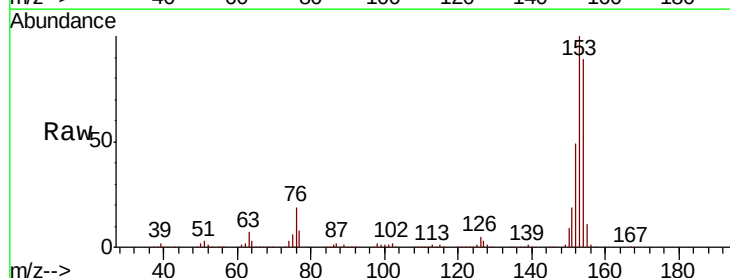
Delta R.T. 0.01 min

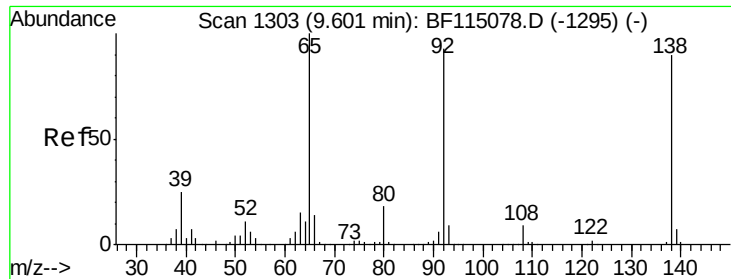
Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

Tgt Ion:154 Resp: 1310193
Ion Ratio Lower Upper

154	100		
153	112.5	88.7	133.1
152	55.5	42.6	64.0





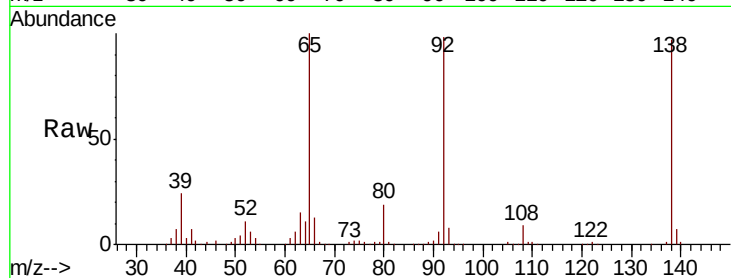
#53
3-Nitroaniline
Concen: 26.549 ng
RT: 9.59 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Instrument :
BNA_F
ClientSampleId :
PB121019BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.6
92	101.2	82.9	124.3

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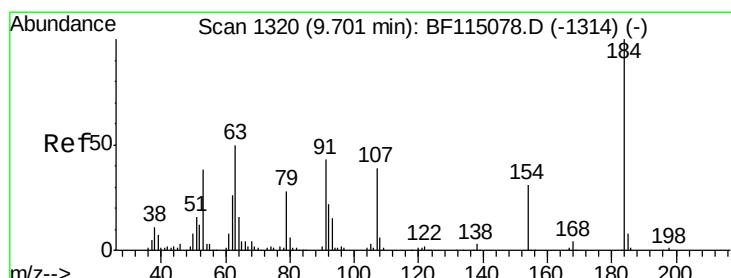
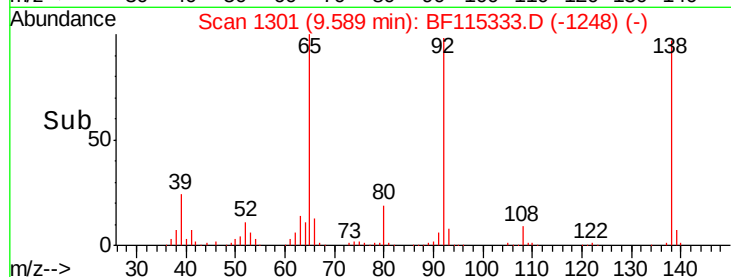
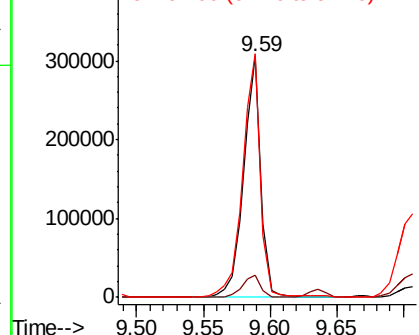


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 102.128 ng
RT: 9.71 min Scan# 1321
Delta R.T. 0.02 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

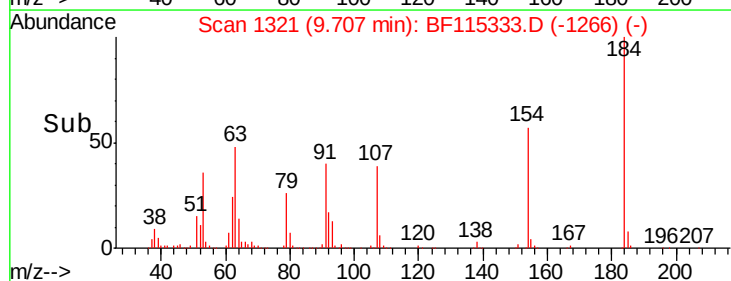
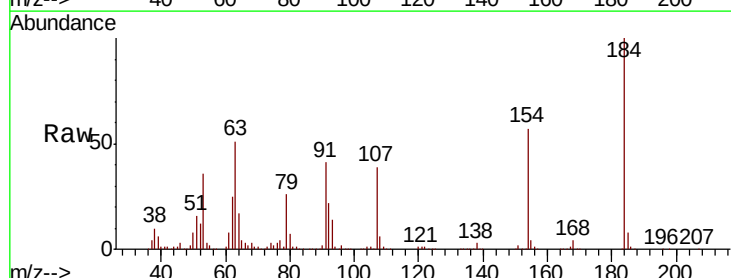
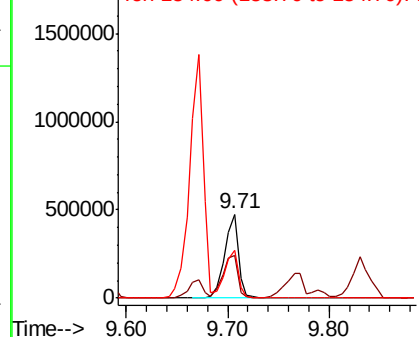
Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.2	41.9	62.9
154	57.1	44.7	67.1

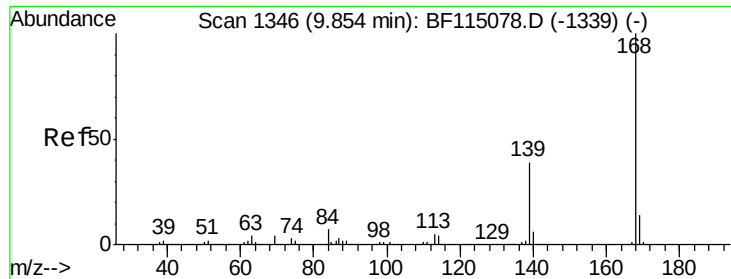
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





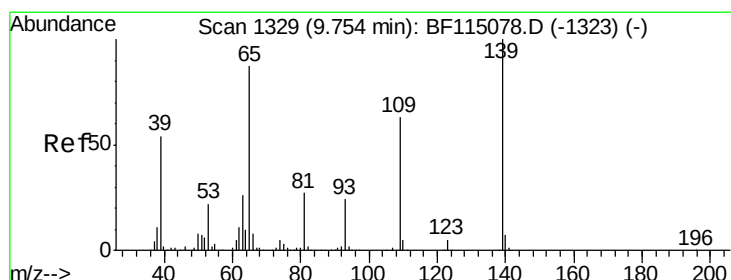
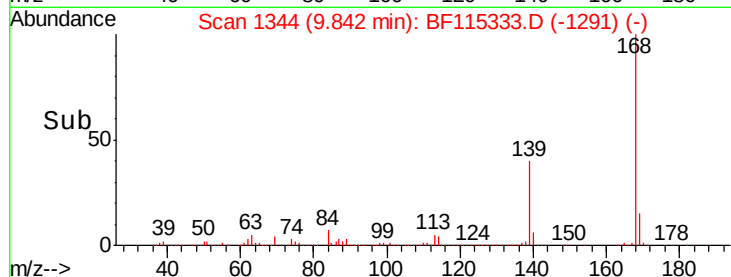
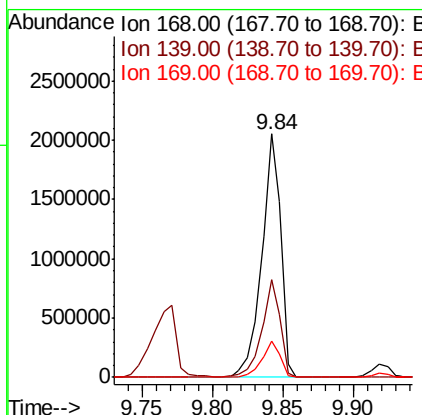
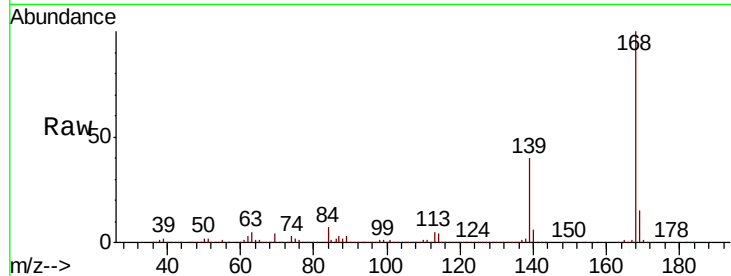
#55
Dibenzofuran
Concen: 43.211 ng
RT: 9.84 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Instrument :
BNA_F
ClientSampleId :
PB121019BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.1	46.7
169	14.7	11.3	16.9

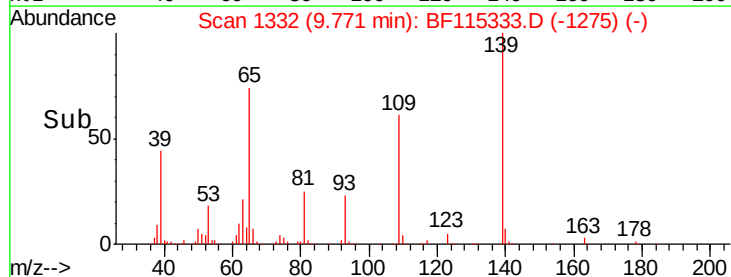
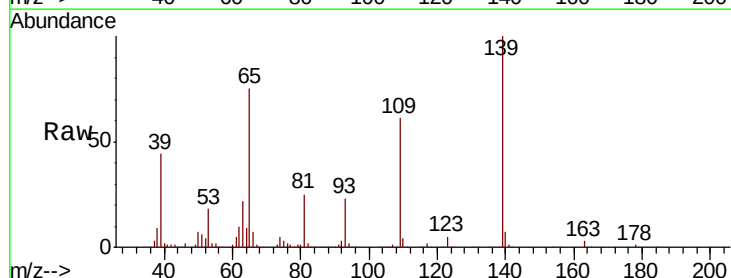
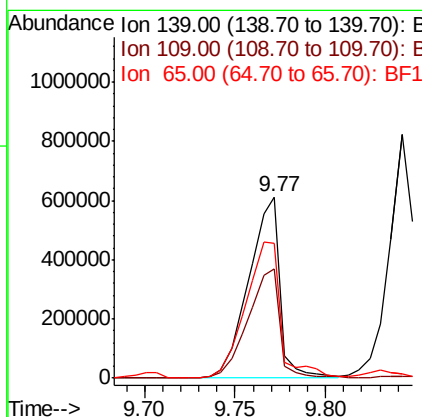
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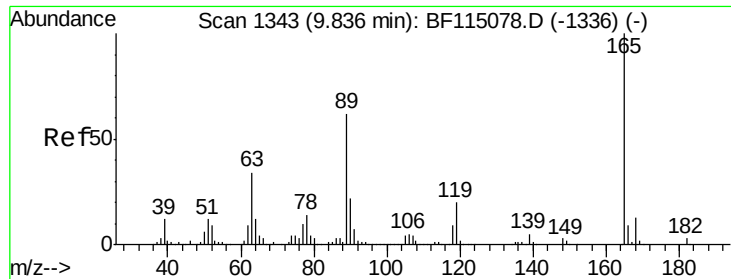
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#56
4-Nitrophenol
Concen: 88.825 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.04 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.7	43.0	83.0
65	74.7	67.0	107.0





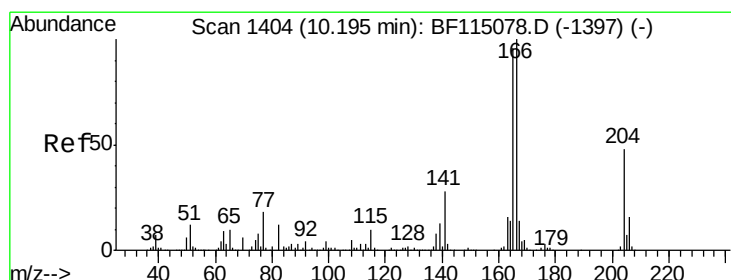
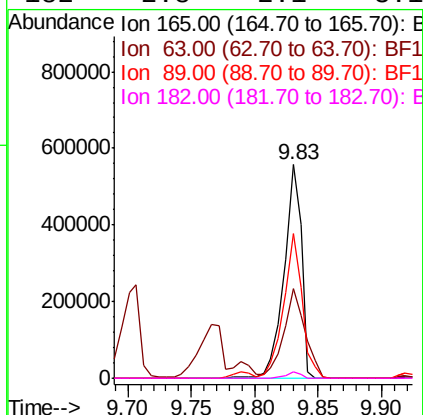
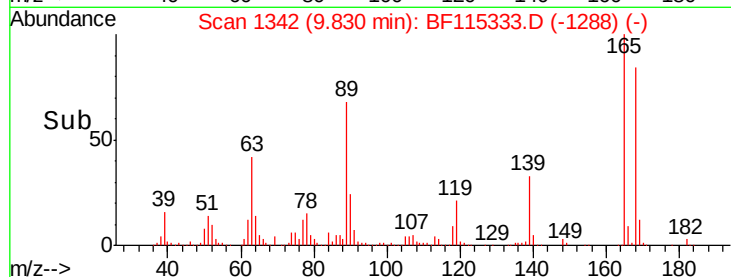
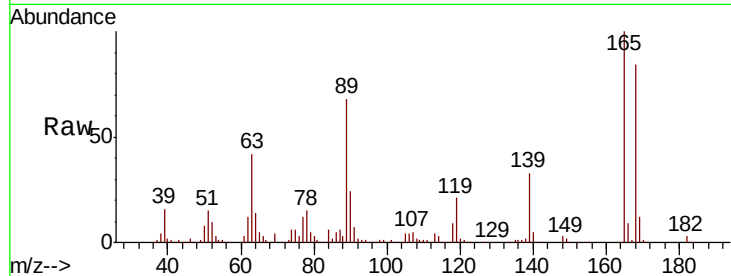
#57
2,4-Dinitrotoluene
Concen: 48.747 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Instrument :
BNA_F
ClientSampleId :
PB121019BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	42.0	27.5	41.3#
89	68.0	49.9	74.9
182	2.8	2.1	3.1

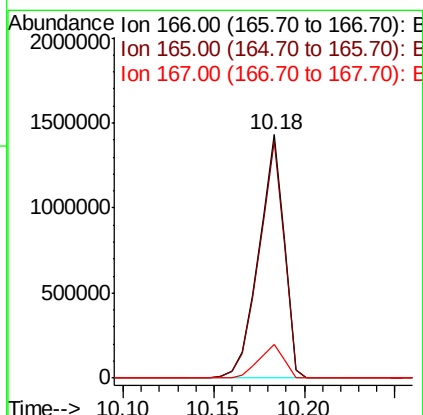
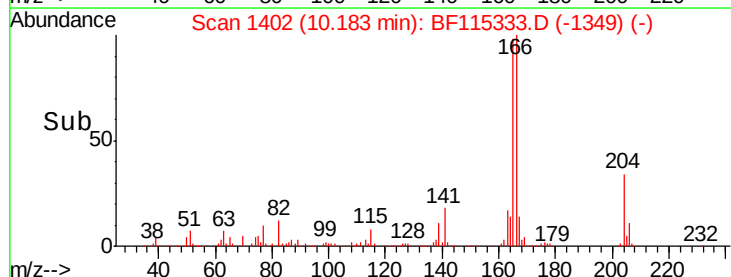
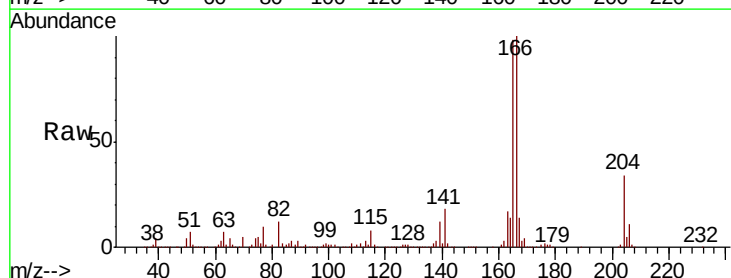
Manual Integrations
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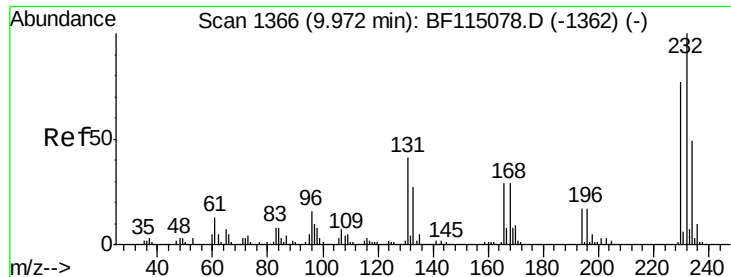
mohammad
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#58
Fluorene
Concen: 46.480 ng
RT: 10.18 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	97.6	76.5	114.7
167	13.8	11.0	16.4





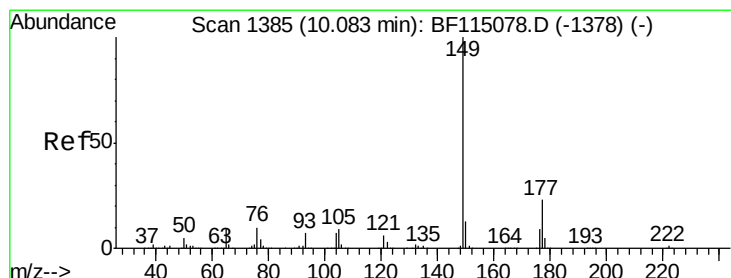
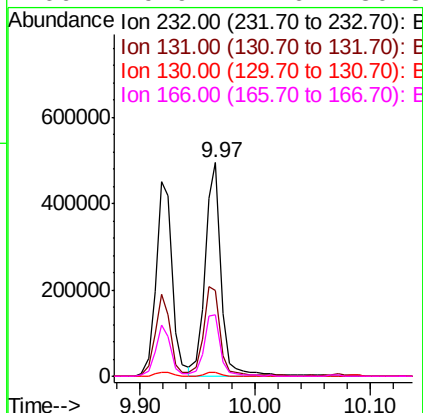
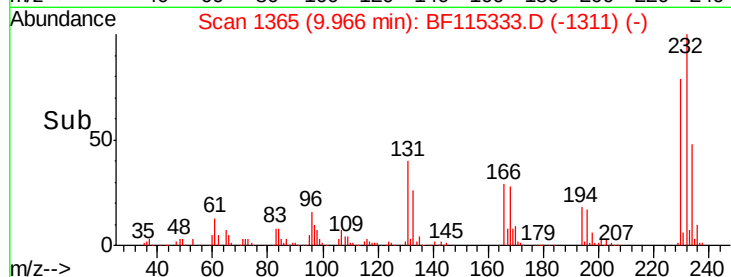
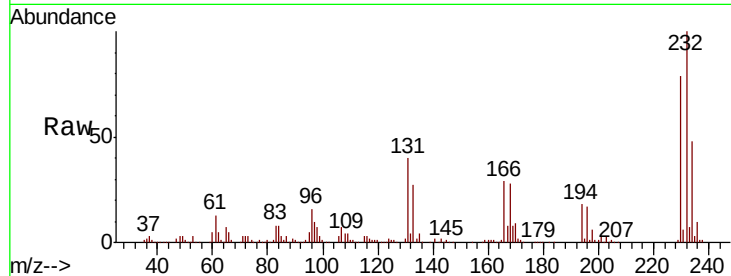
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.447 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. 0.02 min
 Lab File: BF115333.D
 Acq: 1 Jul 2019 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121019BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.8	37.4	56.0
130	2.2	1.8	2.6
166	29.9	24.6	36.8

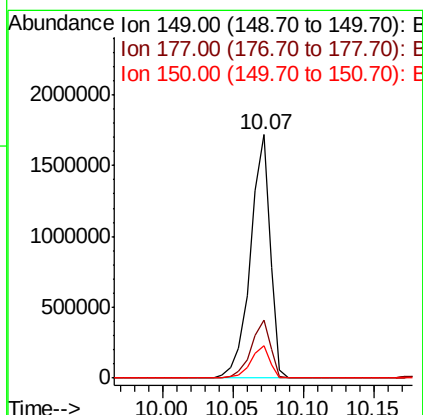
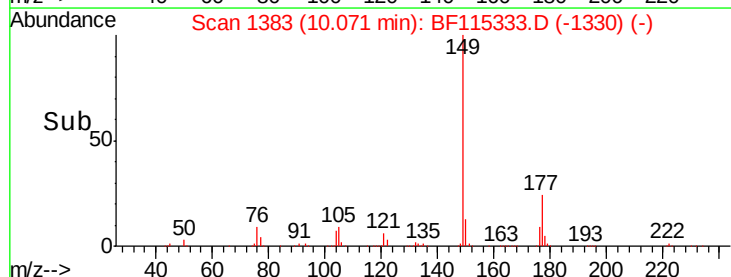
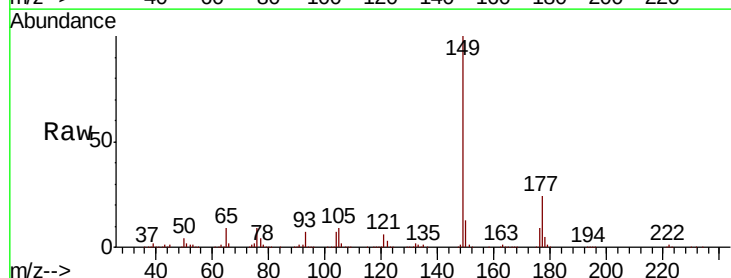
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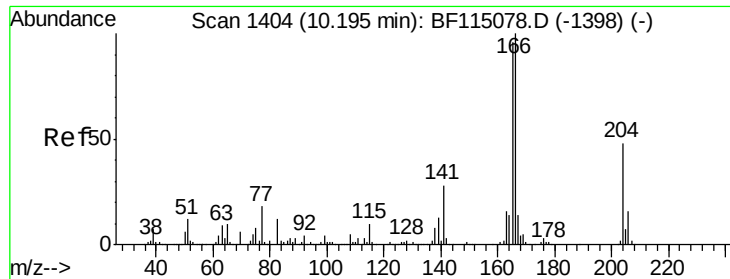
mohammad
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#60
 Diethylphthalate
 Concen: 45.823 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF115333.D
 Acq: 1 Jul 2019 12:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.7	28.1
150	13.1	10.4	15.6





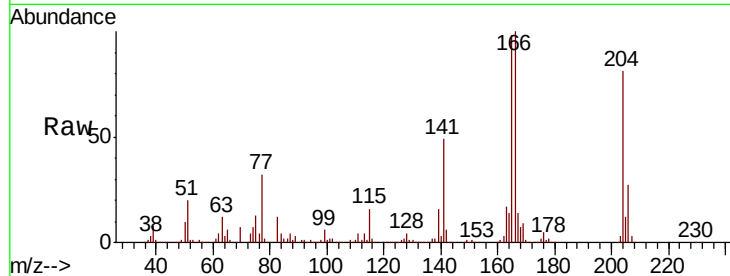
#61
4-Chlorophenyl-phenylether
Concen: 48.126 ng
RT: 10.18 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Instrument :
BNA_F
ClientSampled :
PB121019BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	40.0
141	61.5	46.7	70.1

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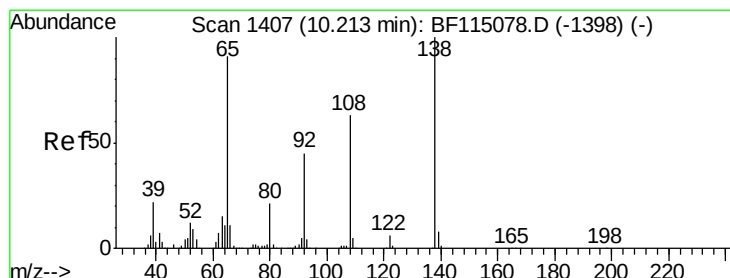
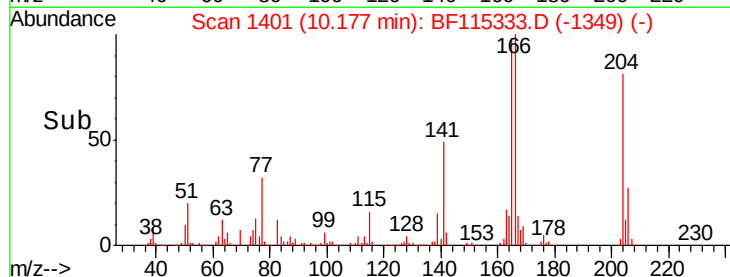
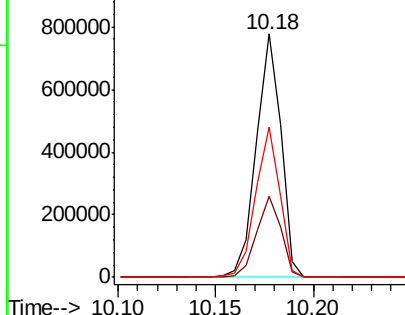


Abundance

Ion 204.00 (203.70 to 204.70): E

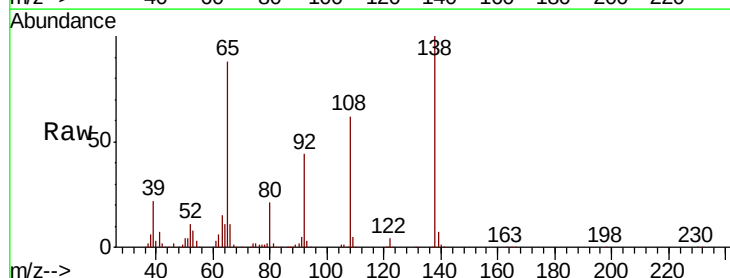
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.641 ng
RT: 10.21 min Scan# 1406
Delta R.T. 0.02 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.6	24.8	64.8
108	62.5	43.3	83.3

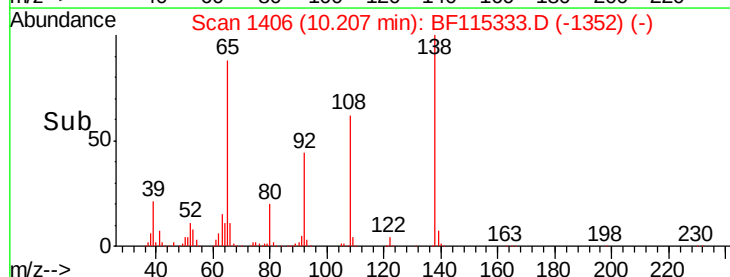
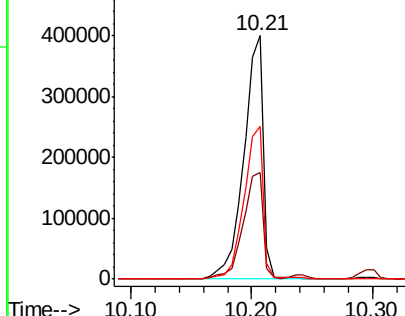


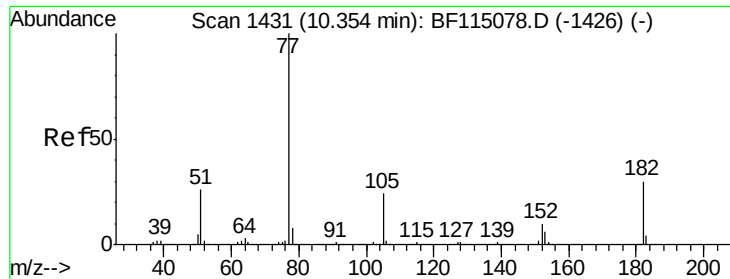
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





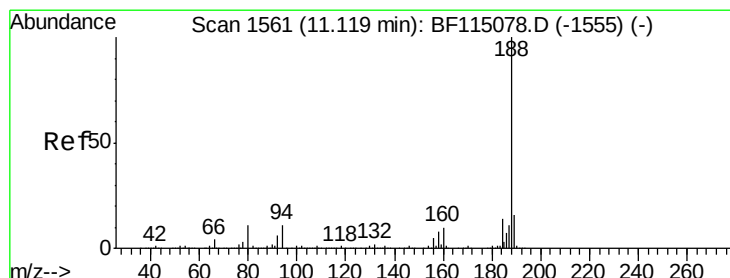
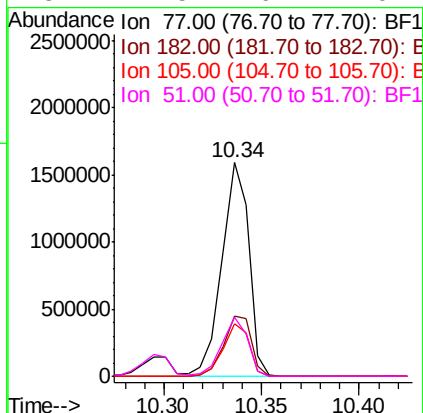
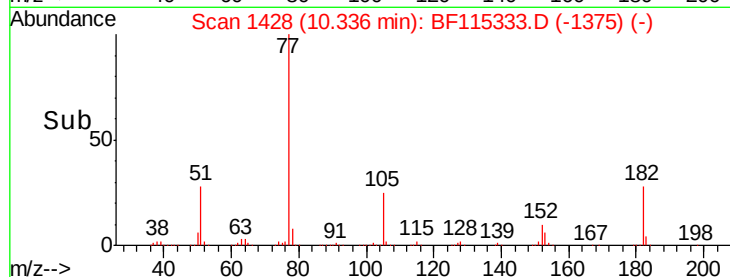
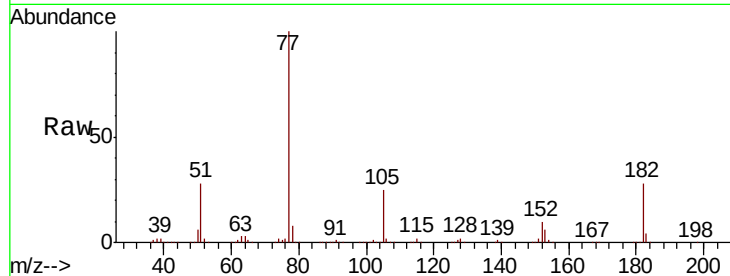
#63
Azobenzene
Concen: 44.105 ng
RT: 10.34 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Instrument :
BNA_F
ClientSampleId :
PB121019BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.4	10.1	50.1
105	24.7	4.5	44.5
51	27.5	6.4	46.4

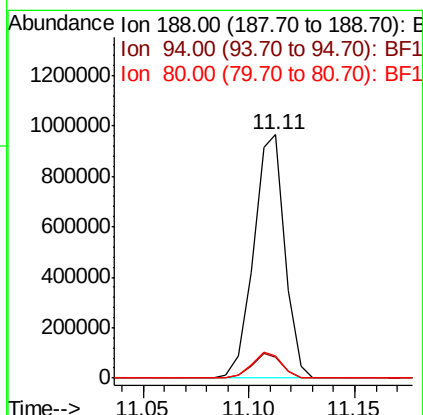
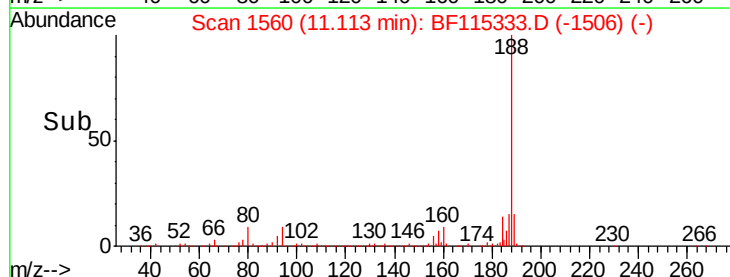
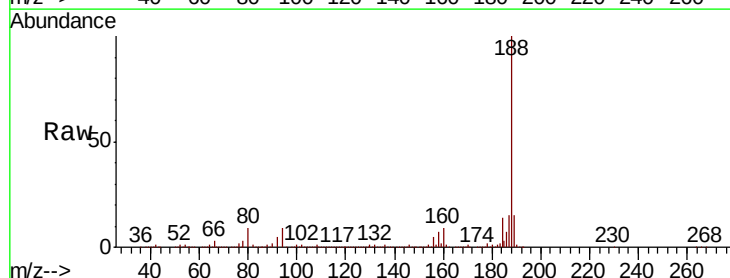
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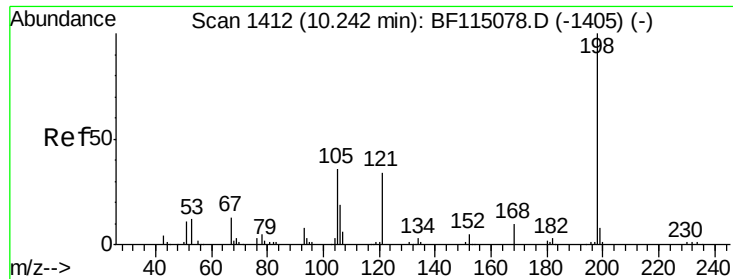
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. 0.02 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.6	12.8
80	9.4	8.8	13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 51.401 ng

RT: 10.24 min Scan# 1412

Delta R.T. 0.02 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

Instrument :

BNA_F

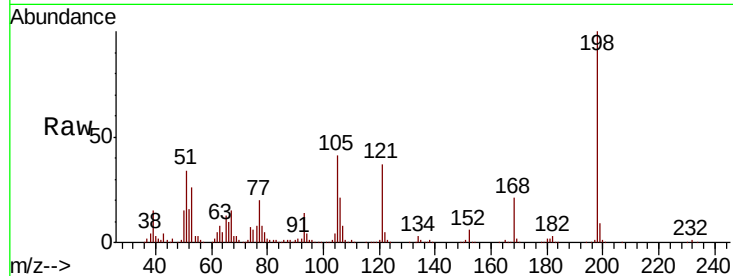
ClientSampleId :

PB121019BS

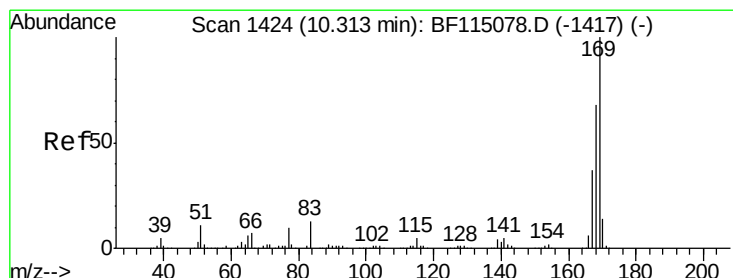
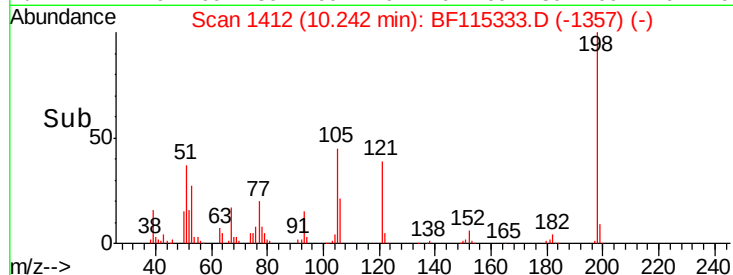
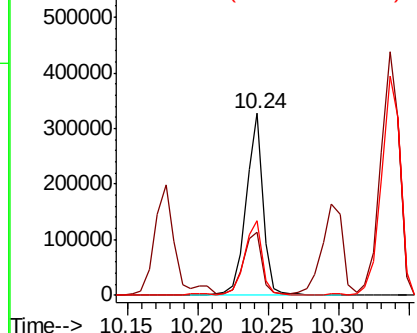
Tot Ion:	198	Resp:	272269
Ion Ratio	Lower	Upper	
198	100		
51	34.4	11.0	51.0
105	41.1	17.3	57.3

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



#66

n-Nitrosodiphenylamine

Concen: 45.833 ng

RT: 10.30 min Scan# 1422

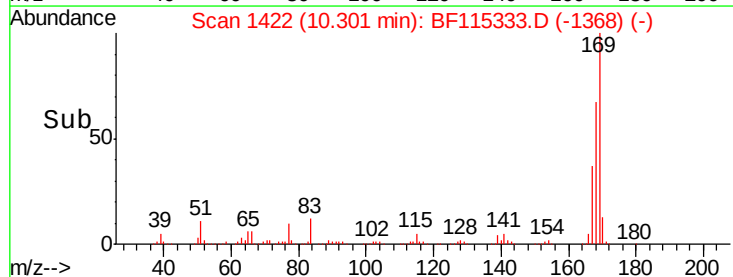
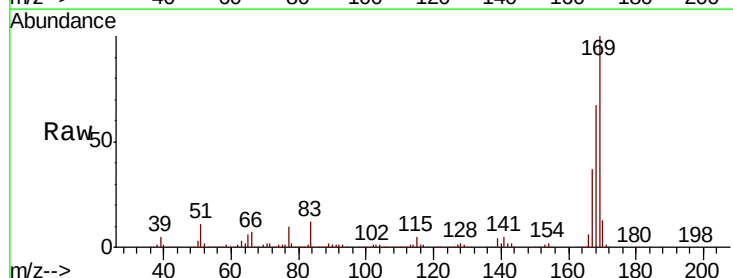
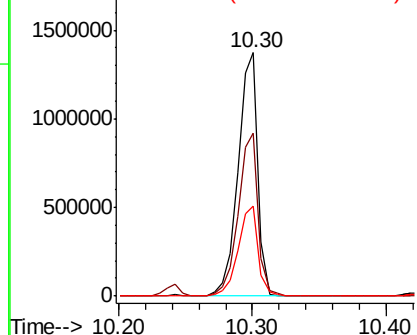
Delta R.T. 0.02 min

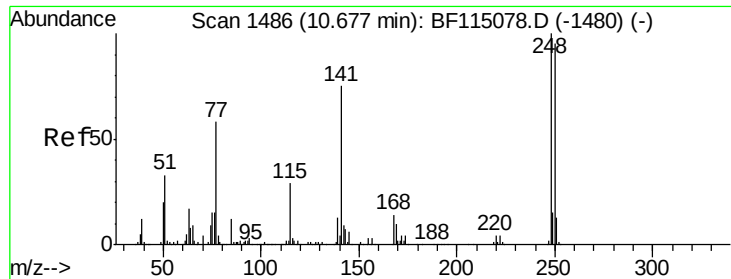
Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

Tgt Ion:	169	Resp:	1410731
Ion Ratio	Lower	Upper	
169	100		
168	67.1	54.2	81.4
167	37.2	29.4	44.0

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





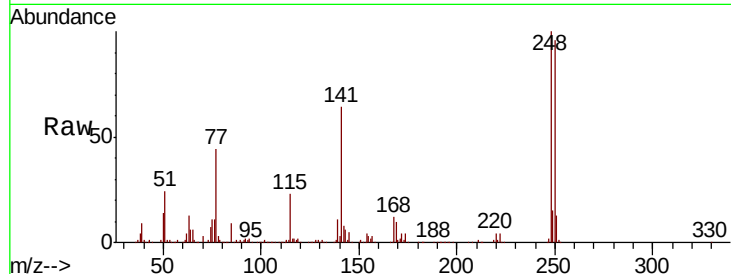
#67
 4-Bromophenyl-phenylether
 Concen: 46.257 ng
 RT: 10.67 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF115333.D
 Acq: 1 Jul 2019 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121019BS

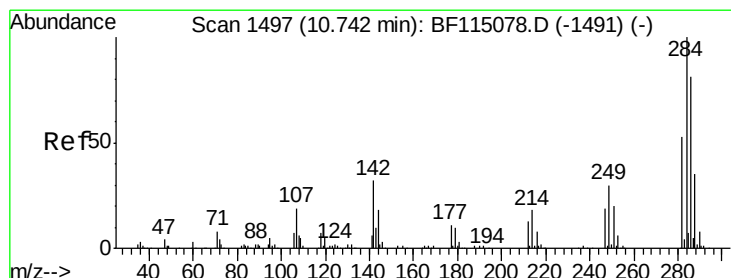
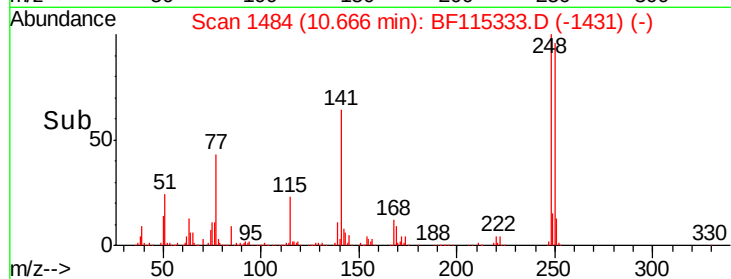
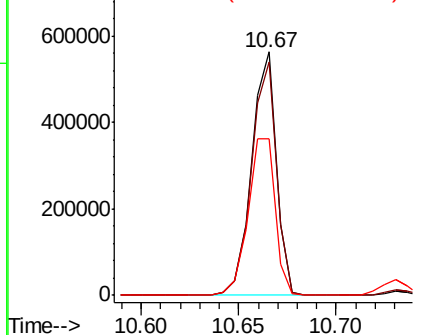
Tot Ion:	248	Resp:	495487
Ion Ratio	Lower	Upper	
248	100		
250	96.0	76.2	114.2
141	64.3	59.6	89.4

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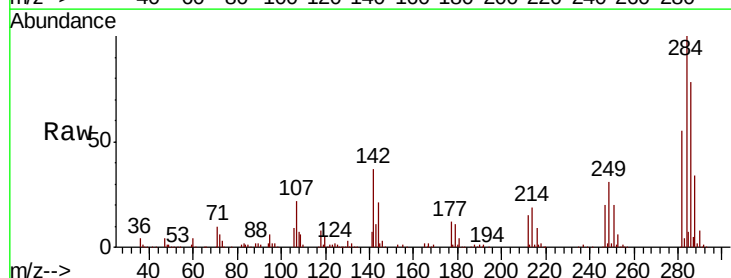


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

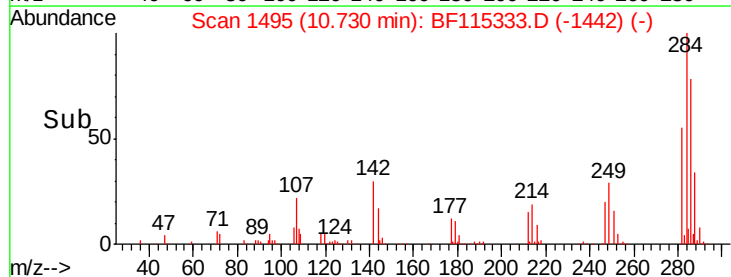
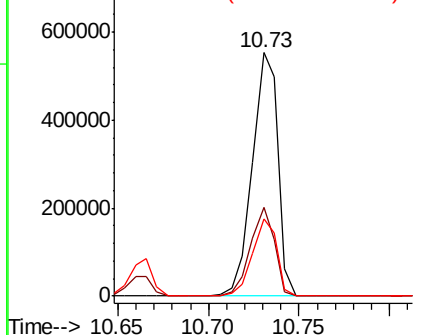


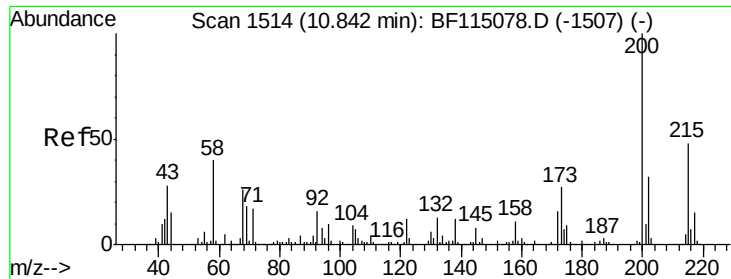
#68
 Hexachlorobenzene
 Concen: 46.582 ng
 RT: 10.73 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BF115333.D
 Acq: 1 Jul 2019 12:34

Tgt Ion:	284	Resp:	541605
Ion Ratio	Lower	Upper	
284	100		
142	36.6	25.8	38.8
249	31.5	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





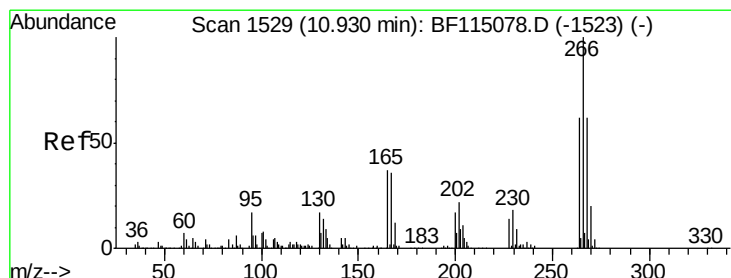
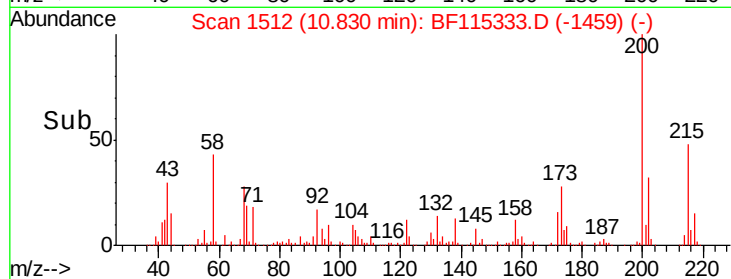
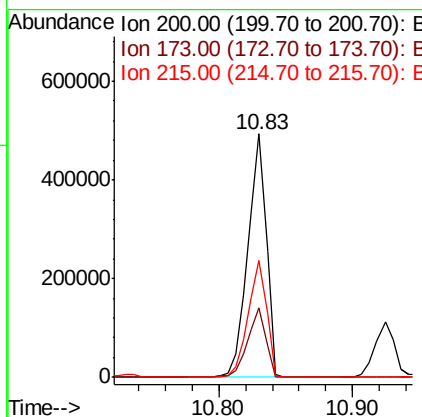
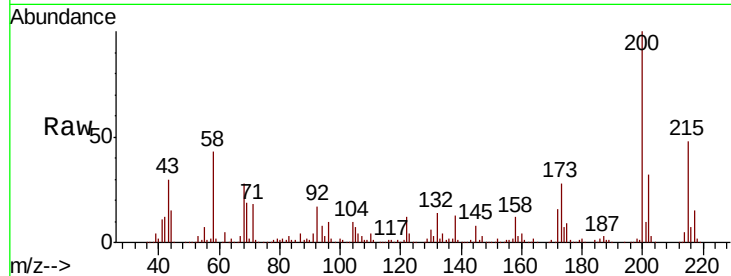
#69
 Atrazine
 Concen: 47.280 ng
 RT: 10.83 min Scan# 1512
 Delta R.T. 0.01 min
 Lab File: BF115333.D
 Acq: 1 Jul 2019 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121019BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	468134		
173	28.3	7.4	47.4	
215	48.0	27.8	67.8	

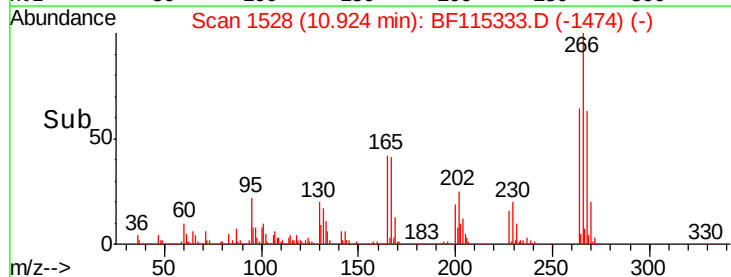
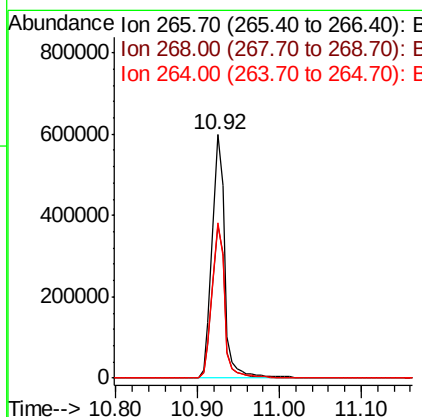
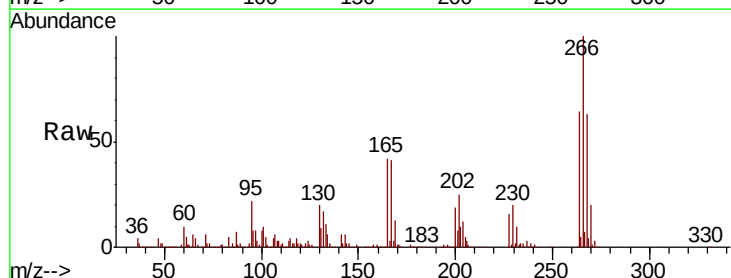
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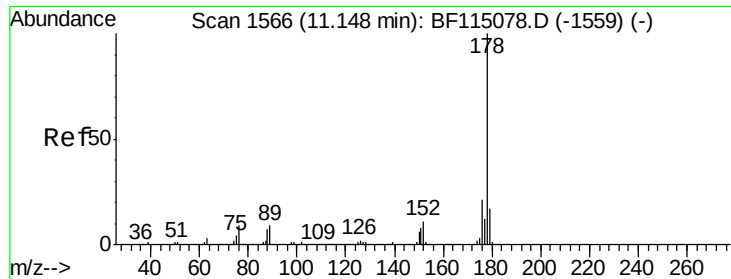
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#70
 Pentachlorophenol
 Concen: 88.105 ng
 RT: 10.92 min Scan# 1528
 Delta R.T. 0.02 min
 Lab File: BF115333.D
 Acq: 1 Jul 2019 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	652600		
268	63.0	49.5	74.3	
264	64.0	49.3	73.9	





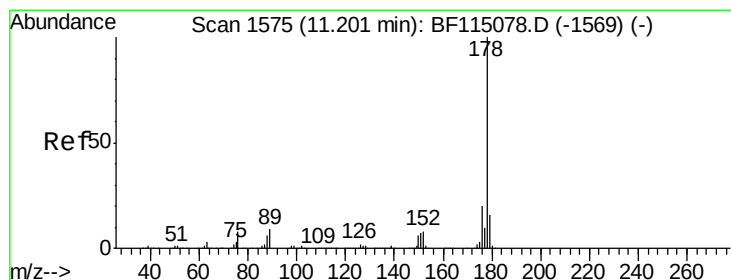
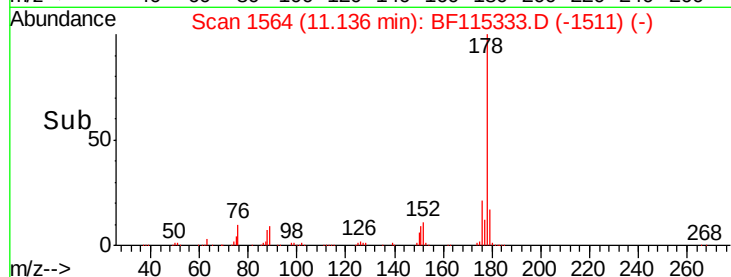
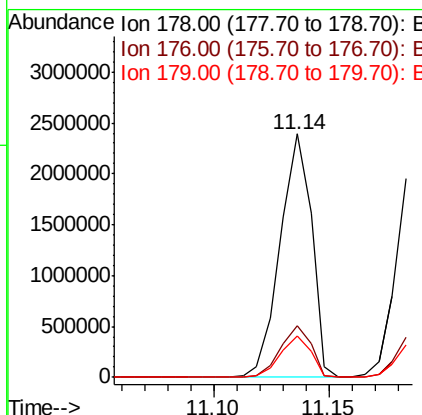
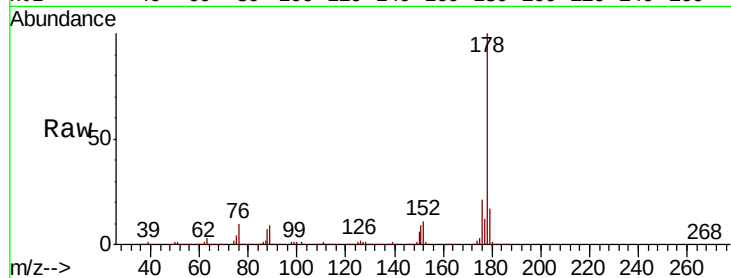
#71
Phenanthrene
Concen: 42.543 ng
RT: 11.14 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Instrument :
BNA_F
ClientSampleId :
PB121019BS

Tot Ion:178 Resp: 2263038
Ion Ratio Lower Upper
178 100
176 21.4 16.9 25.3
179 16.8 13.2 19.8

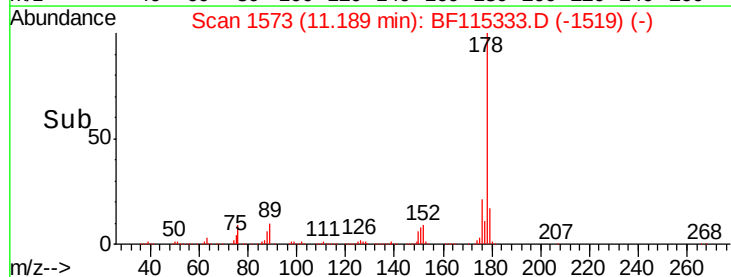
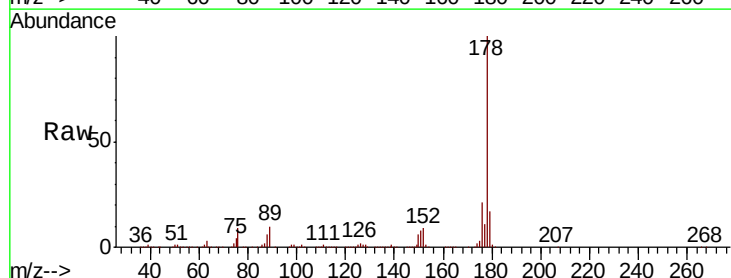
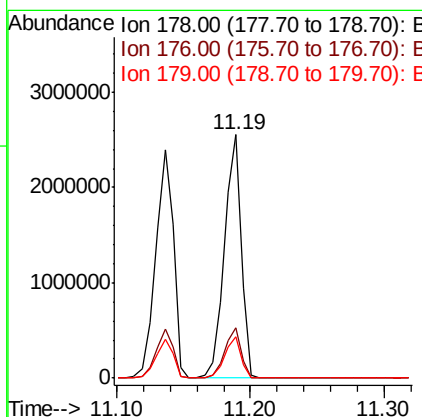
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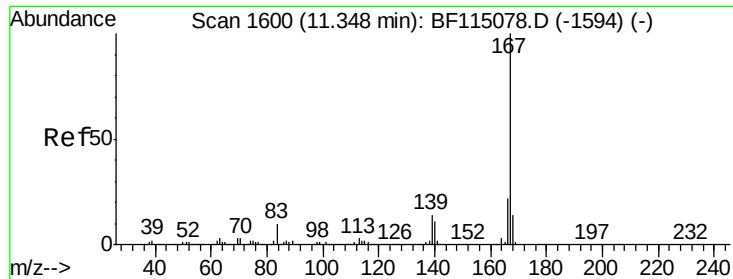
mohammad
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#72
Anthracene
Concen: 42.632 ng
RT: 11.19 min Scan# 1573
Delta R.T. 0.02 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Tgt Ion:178 Resp: 2289137
Ion Ratio Lower Upper
178 100
176 20.8 16.1 24.1
179 17.0 12.9 19.3





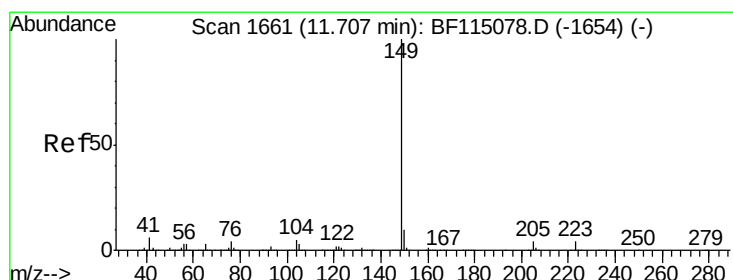
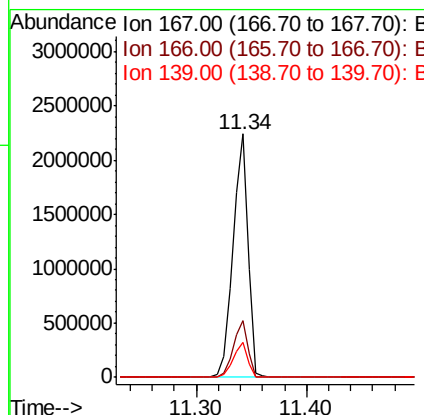
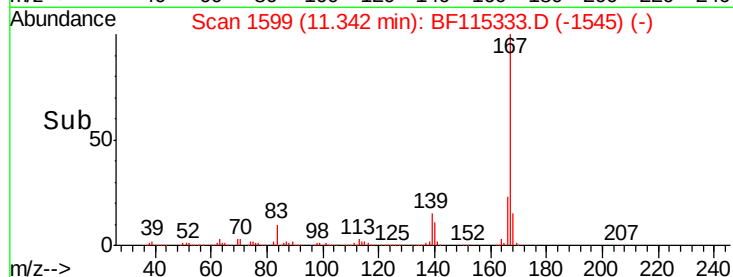
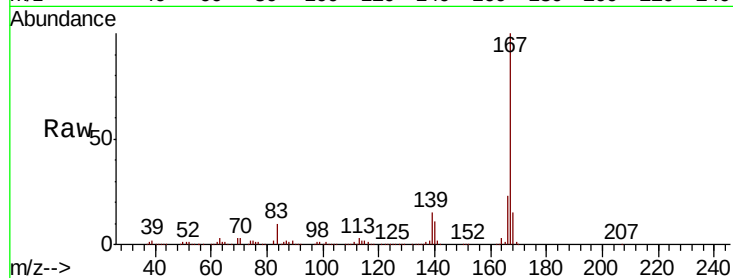
#73
 Carbazole
 Concen: 44.658 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. 0.02 min
 Lab File: BF115333.D
 Acq: 1 Jul 2019 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121019BS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	23.3	18.0	27.0	
139	14.6	11.1	16.7	

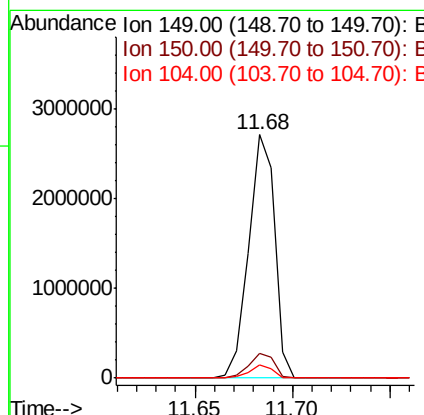
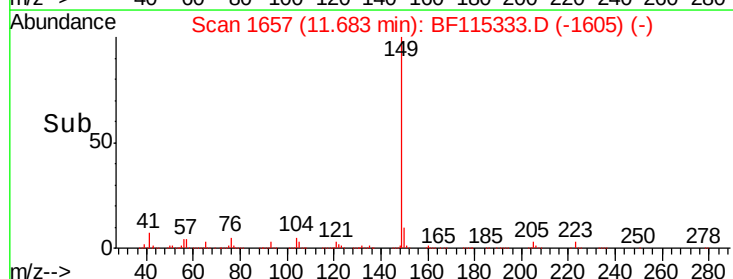
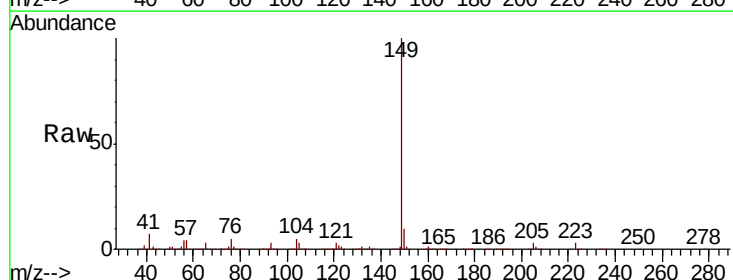
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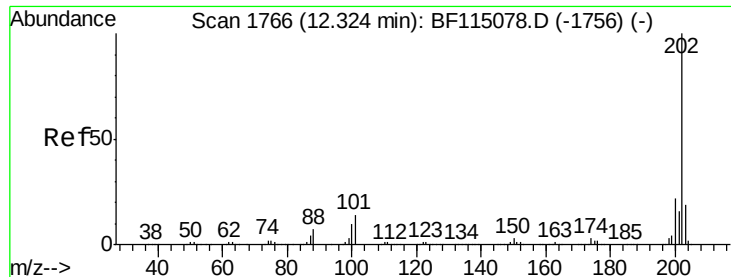
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#74
 Di-n-butylphthalate
 Concen: 45.190 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. 0.01 min
 Lab File: BF115333.D
 Acq: 1 Jul 2019 12:34

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.4	7.8	11.8	
104	5.2	3.7	5.5	





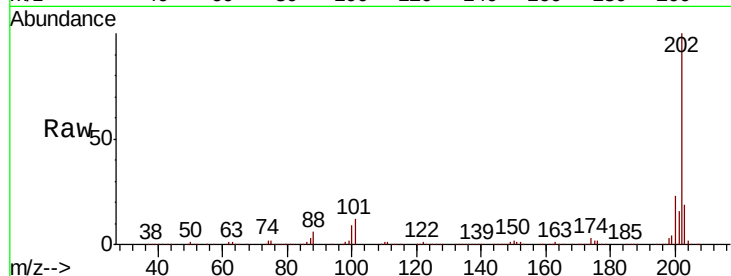
#75
 Fluoranthene
 Concen: 44.829 ng
 RT: 12.32 min Scan# 1765
 Delta R.T. 0.02 min
 Lab File: BF115333.D
 Acq: 1 Jul 2019 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121019BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.0
203	18.7	0.0	38.8

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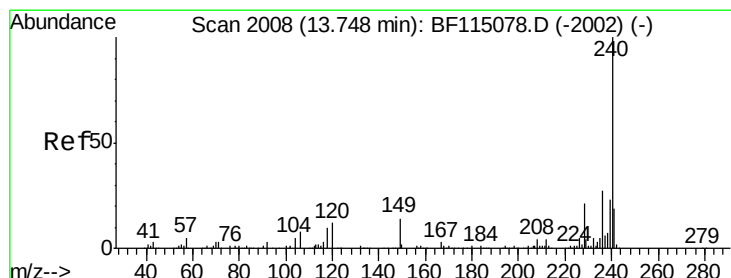
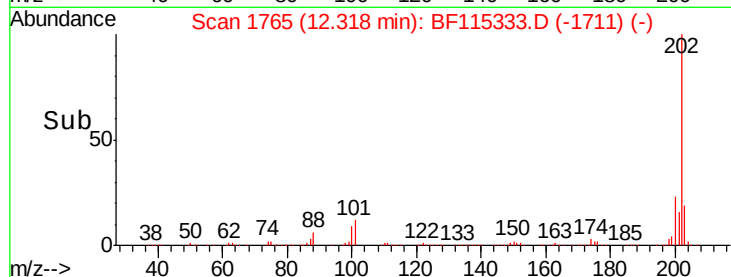
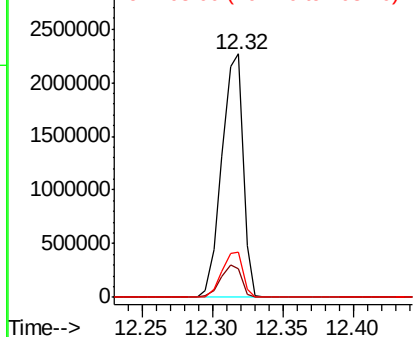


Abundance

Ion 202.00 (201.70 to 202.70): E

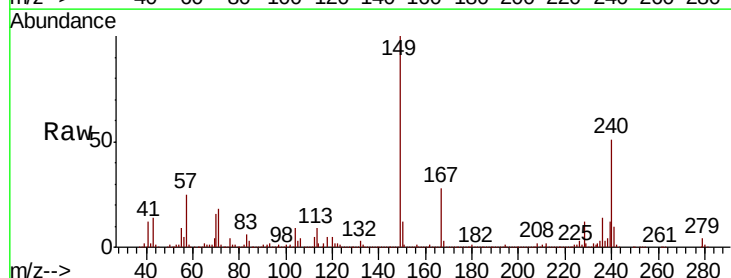
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. 0.02 min
 Lab File: BF115333.D
 Acq: 1 Jul 2019 12:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.4	14.2
236	27.3	21.7	32.5

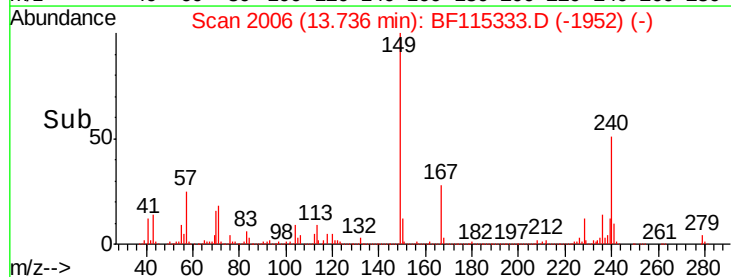
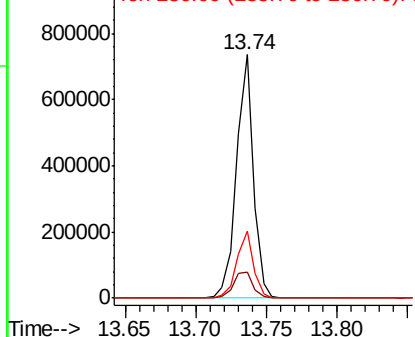


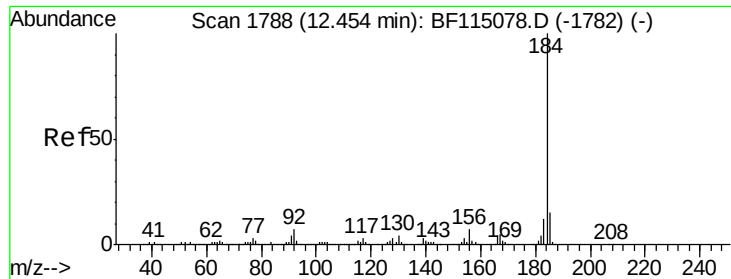
Abundance

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: 26.063 ng

RT: 12.44 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

Instrument :

BNA_F

ClientSampleId :

PB121019BS

Tot Ion:184 Resp: 712164

Ion Ratio Lower Upper

184 100

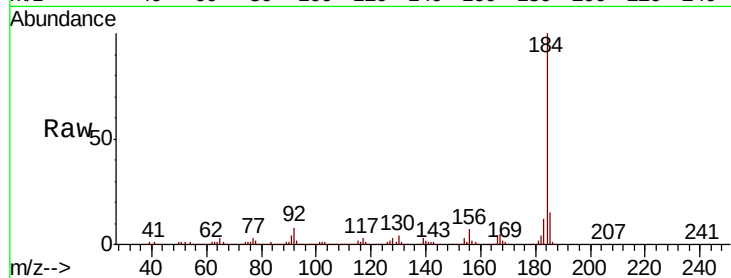
185 14.7 12.2 18.2

183 11.6 9.6 14.4

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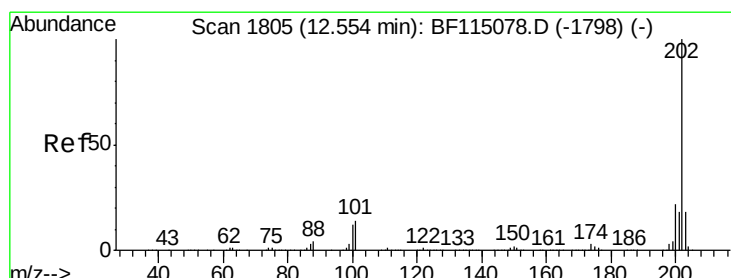
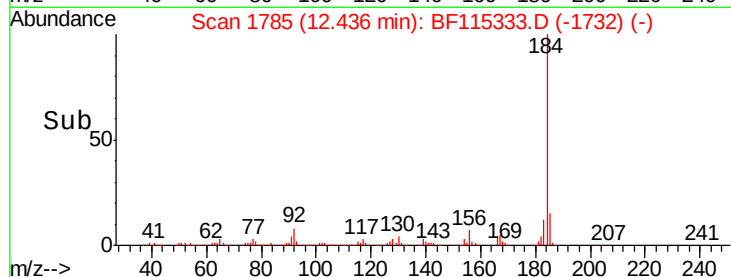
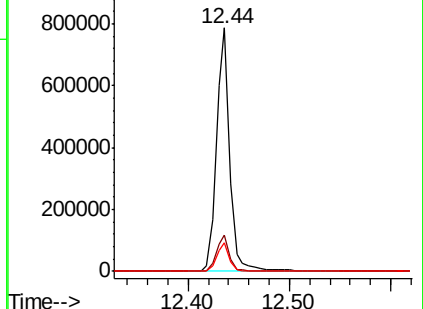
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.432 ng

RT: 12.54 min Scan# 1803

Delta R.T. 0.02 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

Tgt Ion:202 Resp: 2385012

Ion Ratio Lower Upper

202 100

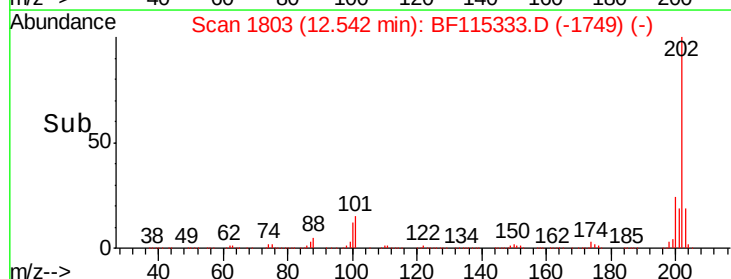
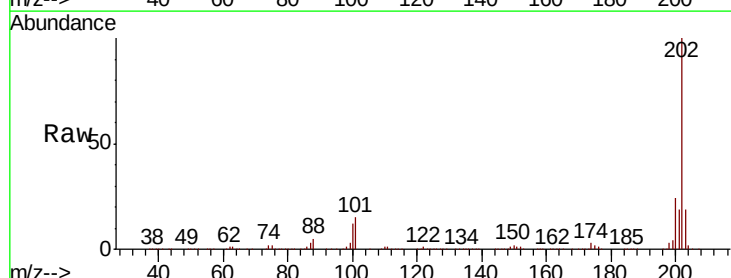
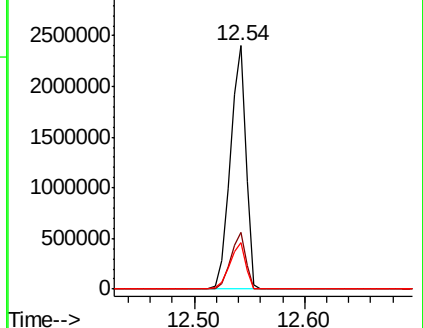
200 23.6 17.9 26.9

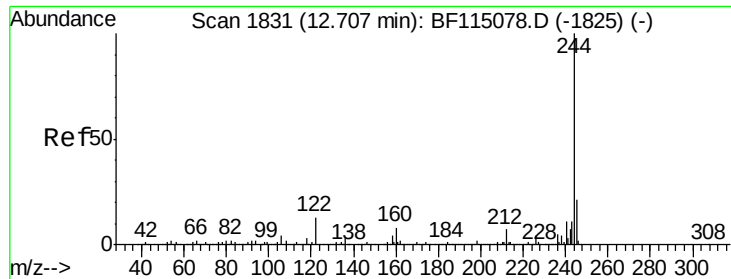
203 18.9 14.6 21.8

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





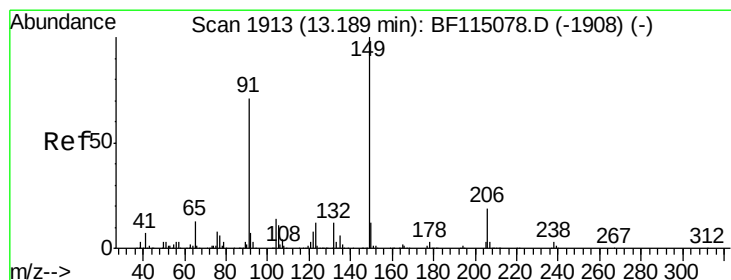
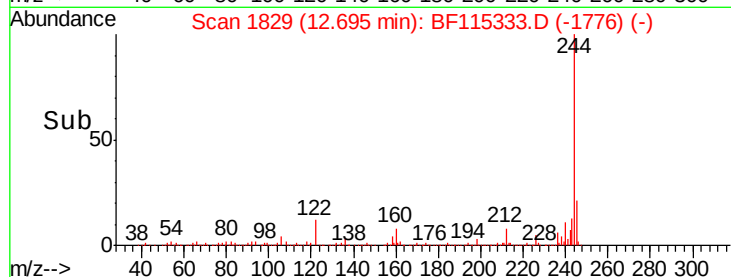
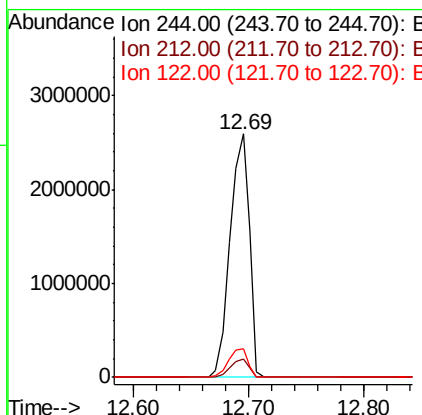
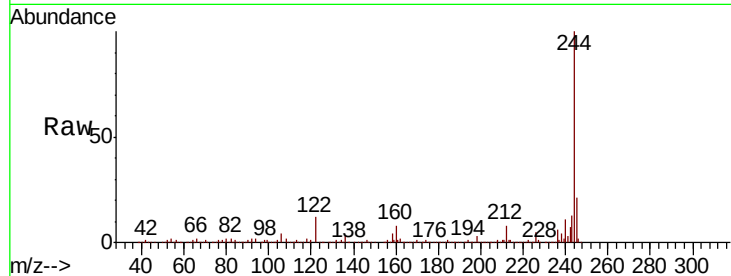
#79
 Terphenyl-d14
 Concen: 103.112 ng
 RT: 12.69 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: BF115333.D
 Acq: 1 Jul 2019 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121019BS

Tot Ion:244 Resp: 2984338
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 11.8 10.4 15.6

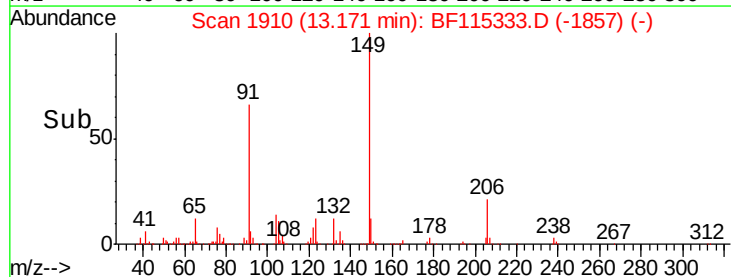
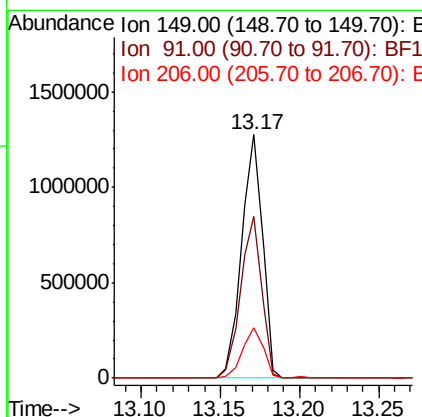
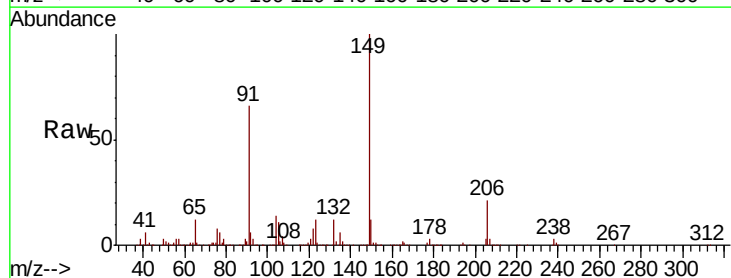
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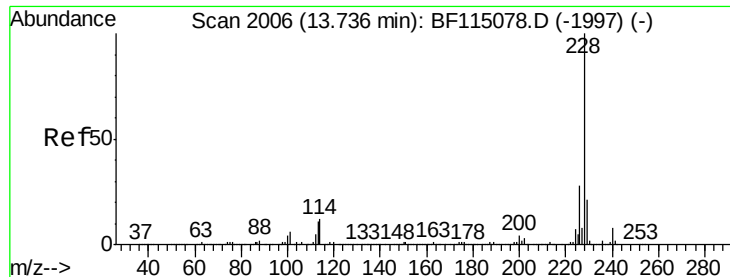
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#80
 Butylbenzylphthalate
 Concen: 55.709 ng
 RT: 13.17 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: BF115333.D
 Acq: 1 Jul 2019 12:34

Tgt Ion:149 Resp: 1162655
 Ion Ratio Lower Upper
 149 100
 91 66.5 56.5 84.7
 206 20.8 15.3 22.9





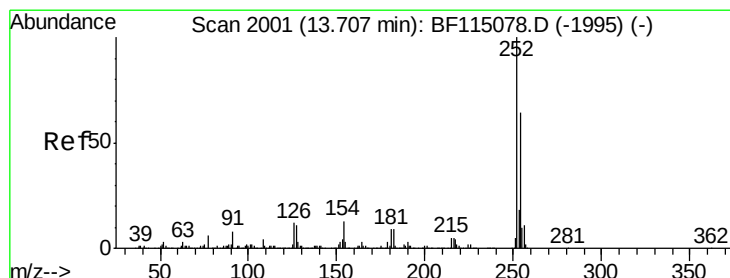
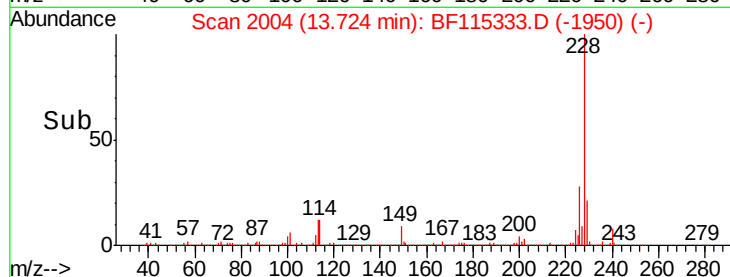
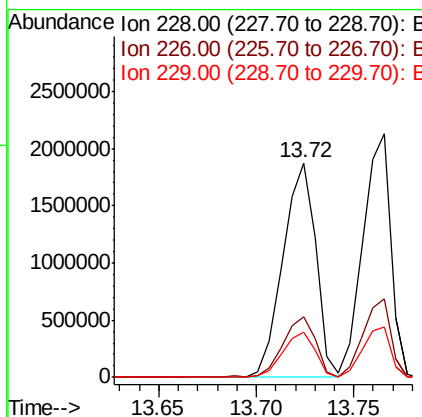
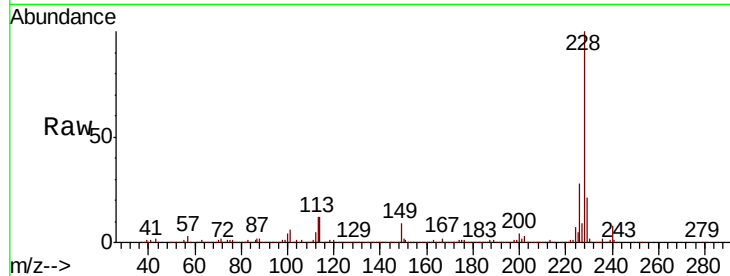
#81
Benzo(a)anthracene
Concen: 49.418 ng
RT: 13.72 min Scan# 2004
Delta R.T. 0.02 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Instrument :
BNA_F
ClientSampleId :
PB121019BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.5	33.7
229	20.8	16.6	24.8

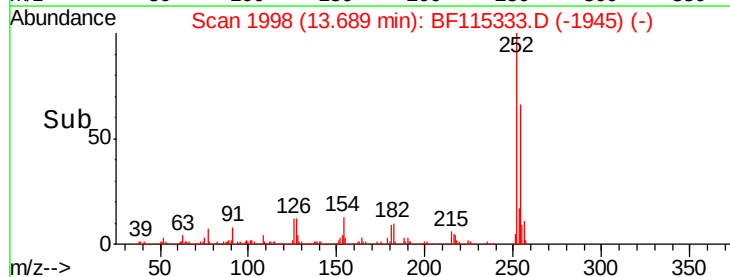
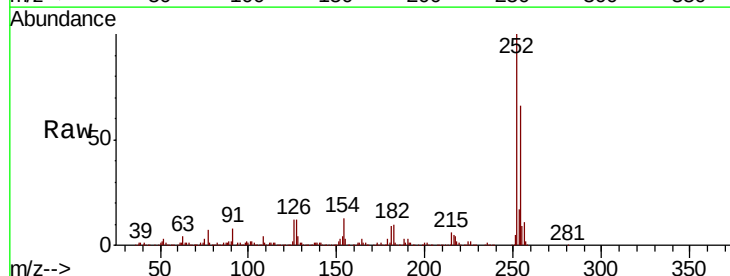
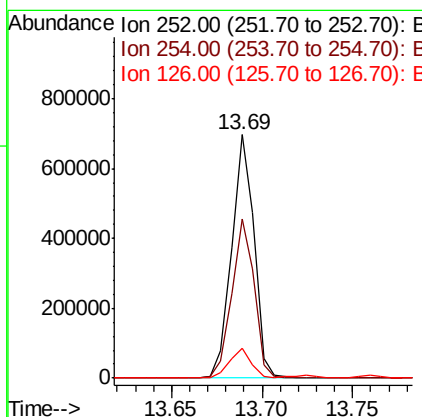
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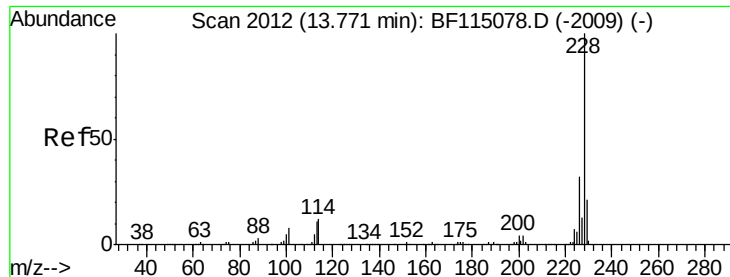
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#82
3,3'-Dichlorobenzidine
Concen: 37.743 ng
RT: 13.69 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.1	76.7
126	12.1	9.4	14.0





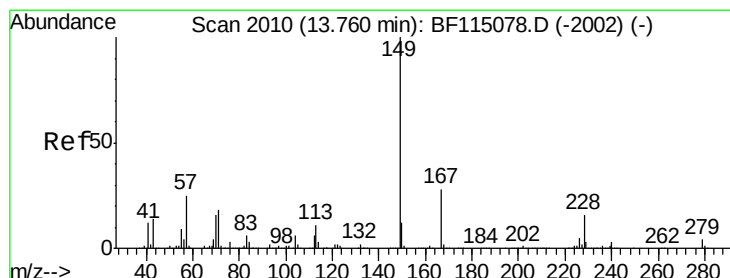
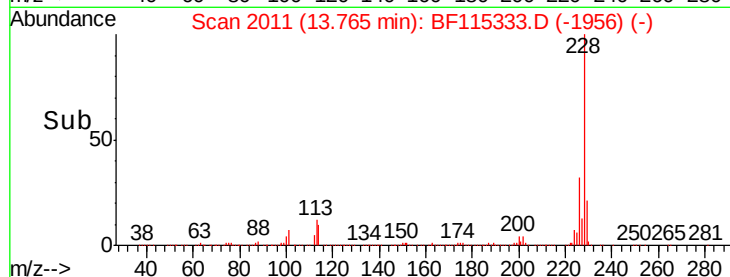
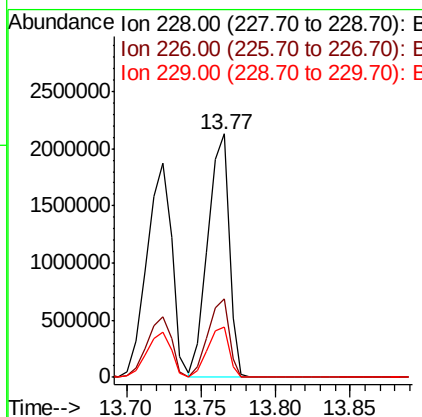
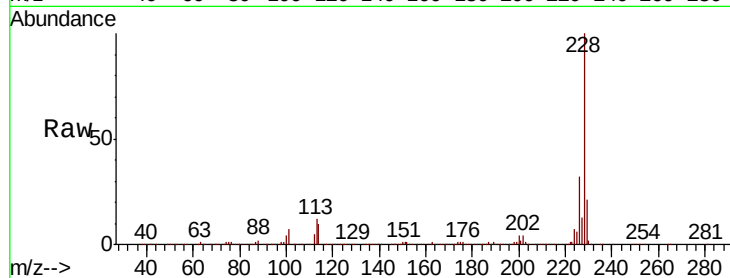
#83
 Chrysene
 Concen: 52.136 ng
 RT: 13.77 min Scan# 2011
 Delta R.T. 0.02 min
 Lab File: BF115333.D
 Acq: 1 Jul 2019 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121019BS

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	32.2	25.4	38.0	
229	20.9	16.5	24.7	

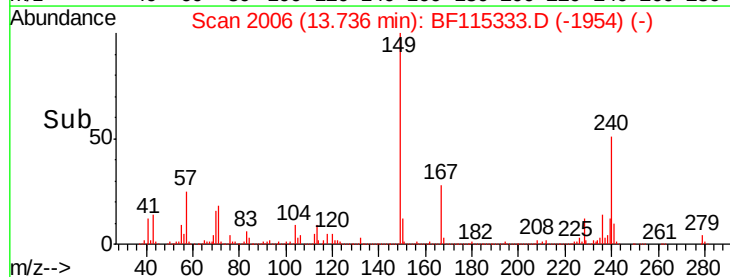
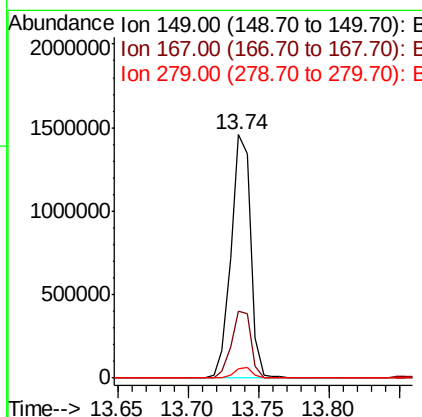
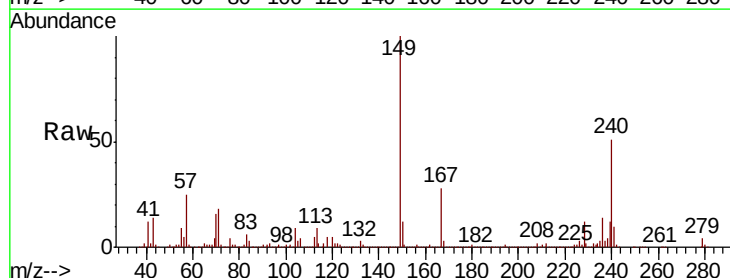
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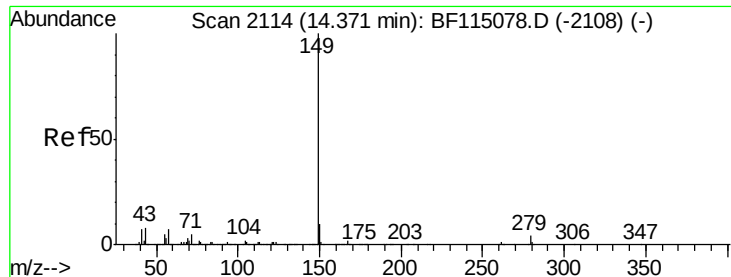
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.162 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF115333.D
 Acq: 1 Jul 2019 12:34

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	27.6	22.2	33.4	
279	3.8	2.9	4.3	





#85

Di-n-octyl phthalate

Concen: 54.216 ng

RT: 14.35 min Scan# 2111

Delta R.T. 0.01 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

Instrument :

BNA_F

ClientSampleId :

PB121019BS

Tot Ion:149 Resp: 2491061

Ion Ratio Lower Upper

149 100

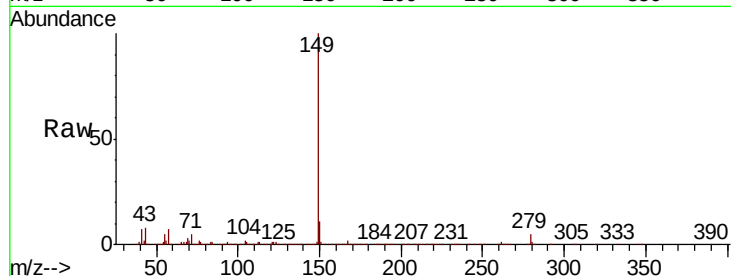
167 1.6 1.2 1.8

43 8.6 7.0 10.6

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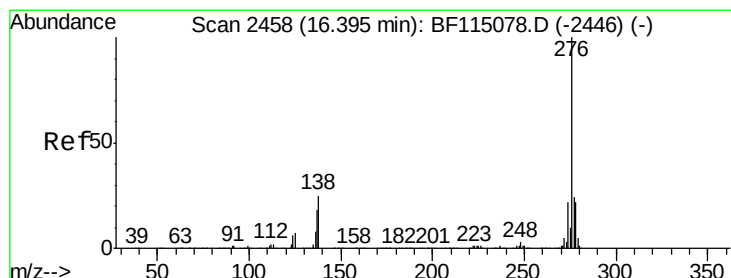
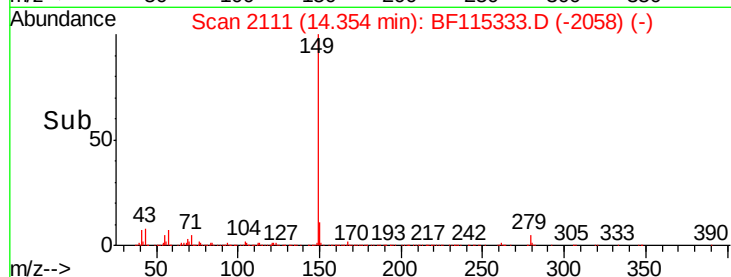
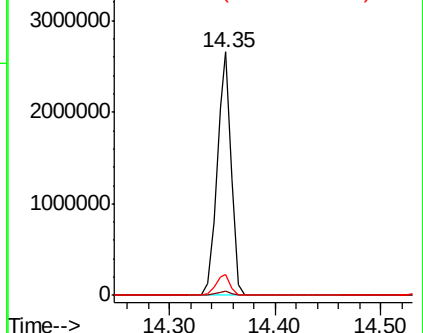
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 53.405 ng

RT: 16.40 min Scan# 2459

Delta R.T. 0.05 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

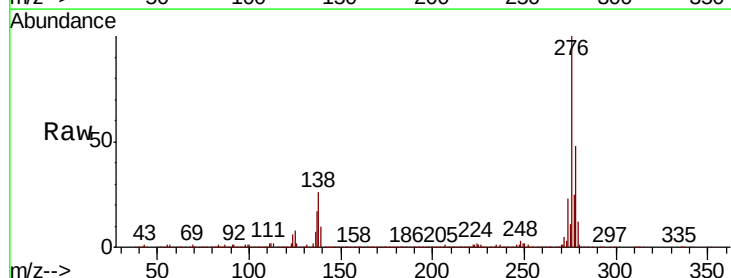
Tgt Ion:276 Resp: 2555968

Ion Ratio Lower Upper

276 100

138 28.0 23.2 34.8

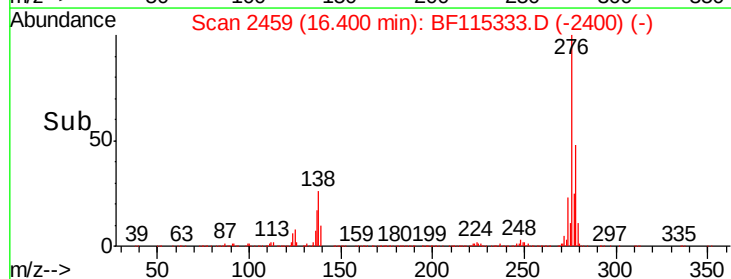
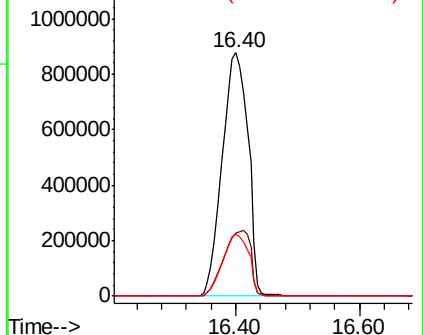
277 25.7 20.1 30.1

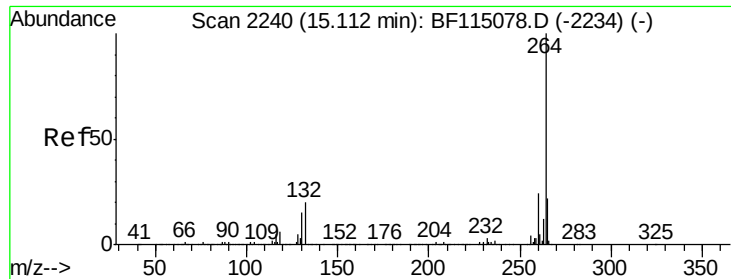


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.11 min Scan# 2240

Delta R.T. 0.03 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

Instrument :

BNA_F

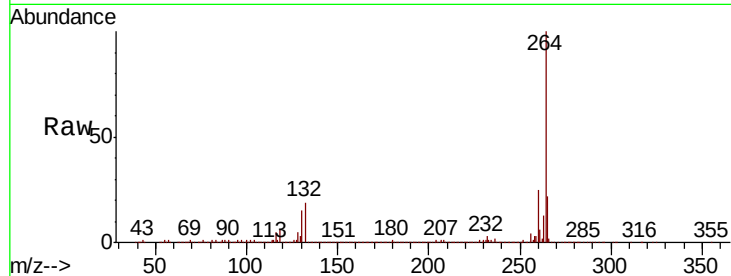
ClientSampleId :

PB121019BS

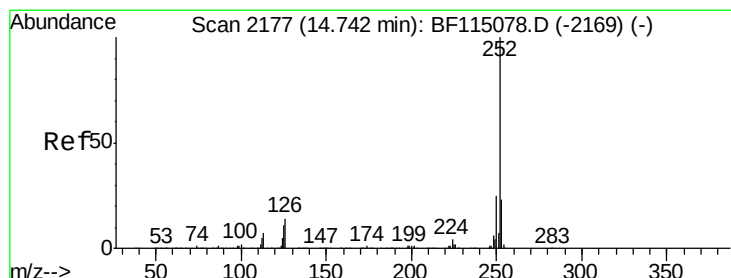
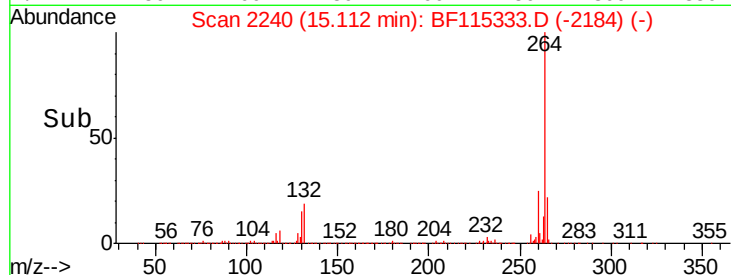
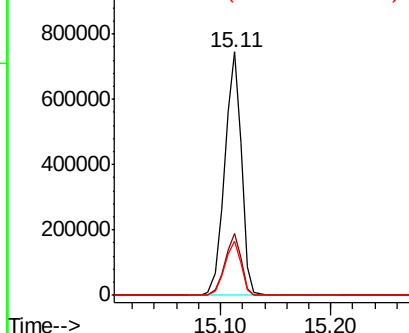
Tot Ion:	264	Resp:	785298
Ion Ratio	Lower	Upper	
264	100		
260	25.2	19.6	29.4
265	22.0	17.3	25.9

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



#88

Benzo(b)fluoranthene

Concen: 49.432 ng

RT: 14.74 min Scan# 2177

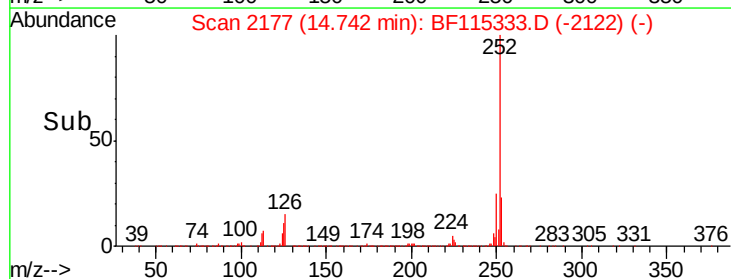
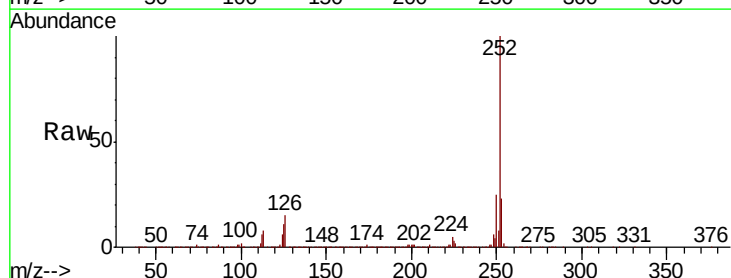
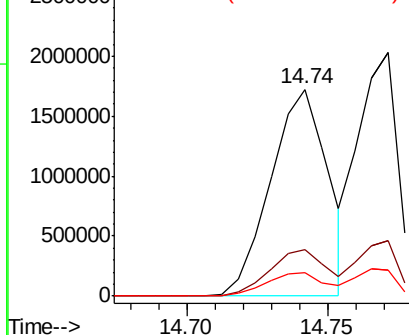
Delta R.T. 0.02 min

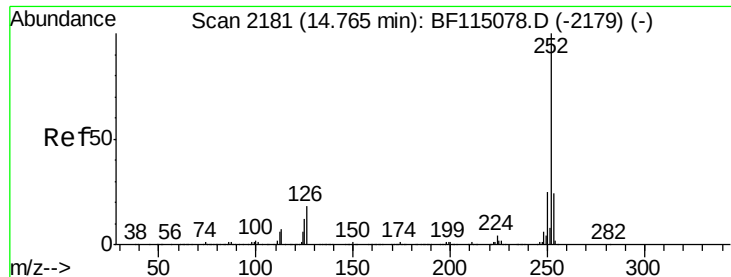
Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

Tgt Ion:	252	Resp:	2422175
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.1	27.1
125	11.5	8.7	13.1

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





#89

Benzo(k)fluoranthene

Concen: 45.479 ng

RT: 14.77 min Scan# 2182

Delta R.T. 0.03 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

Instrument :

BNA_F

ClientSampleId :

PB121019BS

Tot Ion:252 Resp: 1998485

Ion Ratio Lower Upper

252 100

253 23.0 18.9 28.3

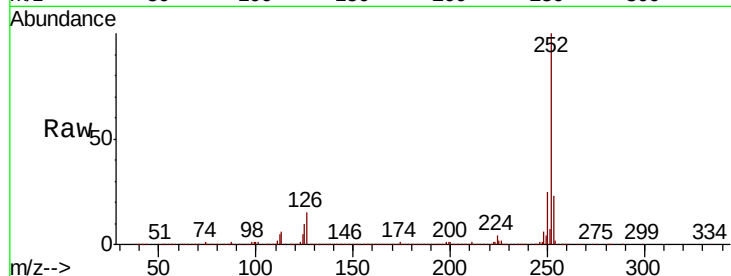
125 10.4 10.2 15.2

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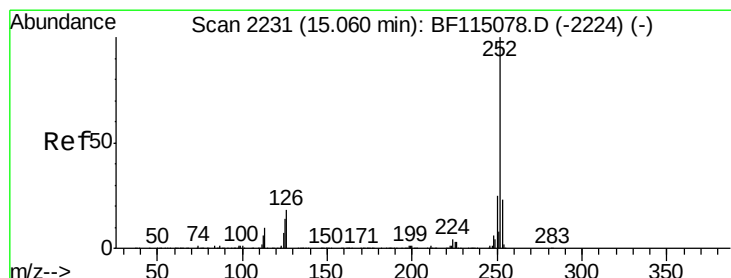
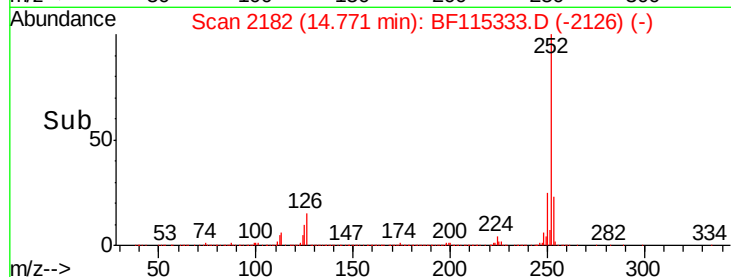
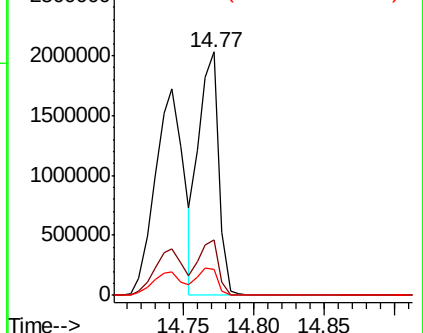
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 49.687 ng

RT: 15.07 min Scan# 2232

Delta R.T. 0.03 min

Lab File: BF115333.D

Acq: 1 Jul 2019 12:34

Tgt Ion:252 Resp: 2194427

Ion Ratio Lower Upper

252 100

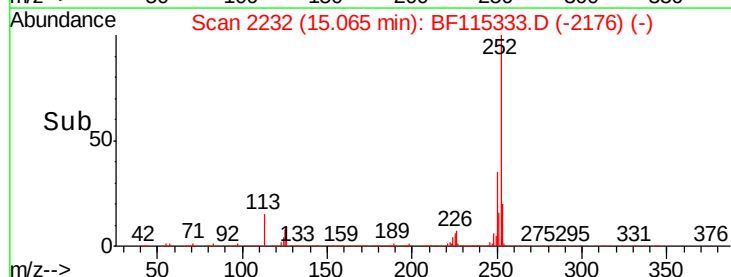
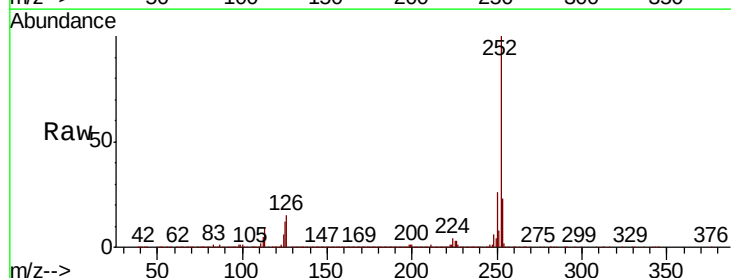
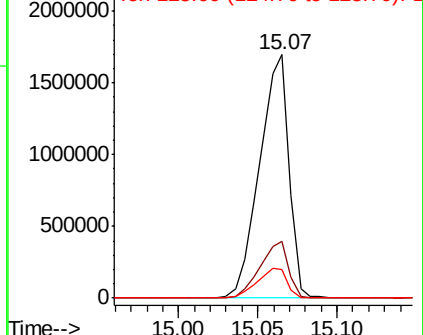
253 23.1 18.3 27.5

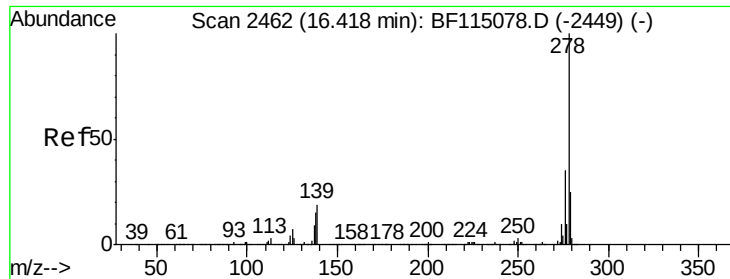
125 11.6 10.9 16.3

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





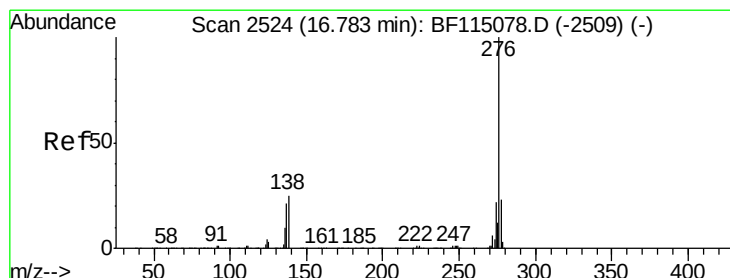
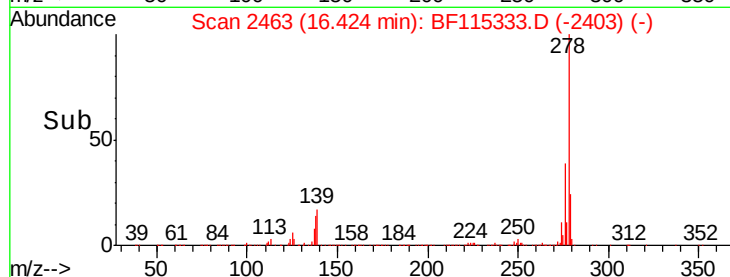
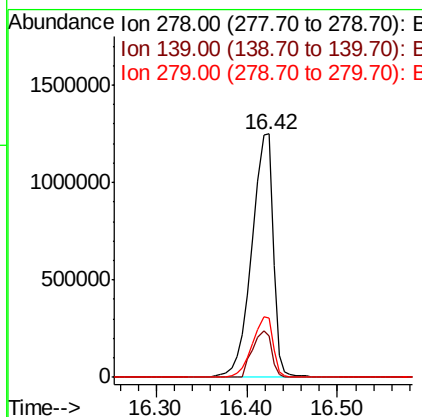
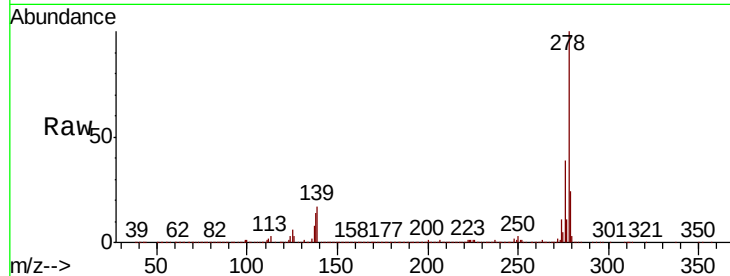
#91
Dibenzo(a,h)anthracene
Concen: 49.742 ng
RT: 16.42 min Scan# 2463
Delta R.T. 0.05 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Instrument :
BNA_F
ClientSampleId :
PB121019BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	15.4	23.2
279	24.4	19.9	29.9

Manual Integrations
APPROVED

mohammad
7/2/2019 2:53:28 PM



#92
Benzo(g,h,i)perylene
Concen: 52.475 ng
RT: 16.79 min Scan# 2525
Delta R.T. 0.05 min
Lab File: BF115333.D
Acq: 1 Jul 2019 12:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	25.2	19.8	29.6

