

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
 Data File : BF115337.D
 Acq On : 1 Jul 2019 14:34
 Operator : HP/JU
 Sample : K3158-08MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062719MS

Manual Integrations
 APPROVED

mohammad
 7/2/2019 2:53:34 PM

Quant Time: Jul 02 08:48:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	262568	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	1015507	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	495876	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	963936	20.00	ng	0.01
76) Chrysene-d12	13.73	240	628311	20.00	ng	0.01
87) Perylene-d12	15.11	264	758555	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1710716	100.54	ng	0.04
7) Phenol-d6	6.25	99	2028968	98.25	ng	0.02
23) Nitrobenzene-d5	7.17	82	1436605	87.02	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	671429	128.40	ng	0.01
45) 2-Fluorobiphenyl	8.97	172	2757310	94.45	ng	0.00
79) Terphenyl-d14	12.69	244	2761432	93.44	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	241790	30.110	ng	# 84
3) Pyridine	3.01	79	613545	27.108	ng	98
4) n-Nitrosodimethylamine	2.92	42	280608	31.626	ng	96
6) Aniline	6.27	93	196699	6.930	ng	# 1
8) 2-Chlorophenol	6.40	128	706927	36.949	ng	98
9) Benzaldehyde	6.15	77	290422	21.555	ng	99
10) Phenol	6.27	94	716799	29.631	ng	87
11) bis(2-Chloroethyl)ether	6.35	93	655951	36.785	ng	99
12) 1,3-Dichlorobenzene	6.55	146	723076	34.054	ng	98
13) 1,4-Dichlorobenzene	6.62	146	742849	34.888	ng	98
14) 1,2-Dichlorobenzene	6.78	146	680903	34.532	ng	98
15) Benzyl Alcohol	6.75	79	560711	37.286	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	903502	34.934	ng	95
17) 2-Methylphenol	6.87	107	587696	37.214	ng	98
18) Hexachloroethane	7.11	117	262360	34.178	ng	97
19) n-Nitroso-di-n-propylamine	7.03	70	457936	34.635	ng	99
20) 3+4-Methylphenols	7.02	107	683023	37.457	ng	# 82
22) Acetophenone	7.02	105	960695	41.323	ng	# 95
24) Nitrobenzene	7.18	77	721521	39.673	ng	98
25) Isophorone	7.43	82	1317634	38.963	ng	100
26) 2-Nitrophenol	7.50	139	406190	45.226	ng	98
27) 2,4-Dimethylphenol	7.55	122	639768	43.506	ng	98
28) bis(2-Chloroethoxy)methane	7.64	93	852751	39.896	ng	100
29) 2,4-Dichlorophenol	7.75	162	629704	41.494	ng	99
30) 1,2,4-Trichlorobenzene	7.83	180	672061	40.093	ng	99
31) Naphthalene	7.91	128	2025066	40.624	ng	100
32) Benzoic acid	7.66	122	158230	15.074	ng	98
33) 4-Chloroaniline	7.95	127	121249	5.322	ng	99
34) Hexachlorobutadiene	8.03	225	364308	39.659	ng	99
35) Caprolactam	8.34	113	175571m	34.411	ng	
36) 4-Chloro-3-methylphenol	8.45	107	636073	41.387	ng	100
37) 2-Methylnaphthalene	8.60	142	1427364	42.468	ng	98
38) 1-Methylnaphthalene	8.70	142	1328474	41.385	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	604019	43.105	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	673563	81.065	nq	100
43) 2,4,6-Trichlorophenol	8.88	196	467792	43.241	nq	99
44) 2,4,5-Trichlorophenol	8.92	196	500466	44.922	nq	98
46) 1,1'-Biphenyl	9.06	154	1683828	42.438	nq	99
47) 2-Chloronaphthalene	9.08	162	1342763	41.721	nq	98
48) 2-Nitroaniline	9.18	65	391201	41.692	nq	95
49) Acenaphthylene	9.50	152	2101601	41.911	nq	99
50) Dimethylphthalate	9.37	163	1545292	42.357	nq	99
51) 2,6-Dinitrotoluene	9.42	165	368033	43.695	nq	92
52) Acenaphthene	9.67	154	1223041	38.978	nq	99
53) 3-Nitroaniline	9.58	138	144290	14.038	nq	96
54) 2,4-Dinitrophenol	9.70	184	139560	36.589	nq	96
55) Dibenzofuran	9.84	168	1804009	40.058	nq	99
56) 4-Nitrophenol	9.77	139	585907	71.103	nq	90
57) 2,4-Dinitrotoluene	9.82	165	478175	43.968	nq	91
58) Fluorene	10.18	166	1300509	43.094	nq	98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	410811	43.976	nq	97
60) Diethylphthalate	10.07	149	1507542	41.108	nq	100
61) 4-Chlorophenyl-phenylether	10.17	204	623743	43.556	nq	95
62) 4-Nitroaniline	10.20	138	390670	37.887	nq	99
63) Azobenzene	10.34	77	1373748	40.105	nq	99
65) 4,6-Dinitro-2-methylphenol	10.23	198	151451	31.437	nq	80
66) n-Nitrosodiphenylamine	10.30	169	1270622	42.310	nq	99
67) 4-Bromophenyl-phenylether	10.66	248	440841	42.182	nq	98
68) Hexachlorobenzene	10.73	284	482456	42.530	nq	98
69) Atrazine	10.82	200	383555	39.703	nq	99
70) Pentachlorophenol	10.92	266	522008	72.231	nq	98
71) Phenanthrene	11.13	178	2052772	39.553	nq	100
72) Anthracene	11.18	178	2075322	39.614	nq	98
73) Carbazole	11.34	167	1902380	40.665	nq	99
74) Di-n-butylphthalate	11.68	149	2169210	40.127	nq	99
75) Fluoranthene	12.31	202	2088081	40.324	nq	99
77) Benzidine	12.43	184	557089	19.968	nq	# 95
78) Pyrene	12.54	202	2130663	44.126	nq	99
80) Butylbenzylphthalate	13.17	149	979221	45.953	nq	99
81) Benzo(a)anthracene	13.72	228	1923312	42.661	nq	100
82) 3,3'-Dichlorobenzidine	13.68	252	268902	16.517	nq	100
83) Chrysene	13.76	228	1857902	44.988	nq	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1239222	44.382	nq	99
85) Di-n-octyl phthalate	14.35	149	2188779	46.656	nq	99
86) Indeno(1,2,3-cd)pyrene	16.38	276	1867240	38.211	nq	98
88) Benzo(b)fluoranthene	14.74	252	2030643	42.902	nq	99
89) Benzo(k)fluoranthene	14.77	252	1725011	40.640	nq	97
90) Benzo(a)pyrene	15.06	252	1819913	42.660	nq	97
91) Dibenzo(a,h)anthracene	16.41	278	1546089	38.821	nq	98
92) Benzo(g,h,i)perylene	16.77	276	1546707	38.371	nq	98

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



#1

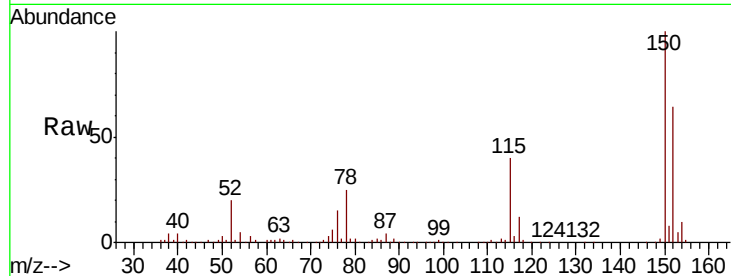
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.2	186.2
115	62.3	46.1	69.1

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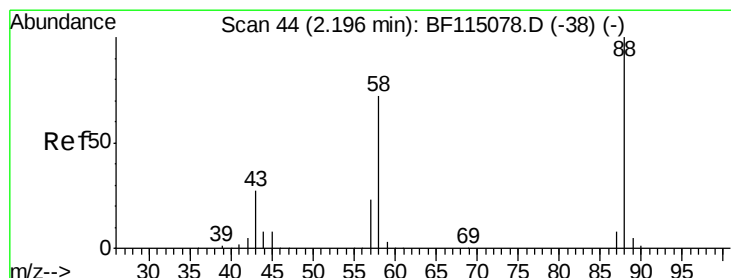
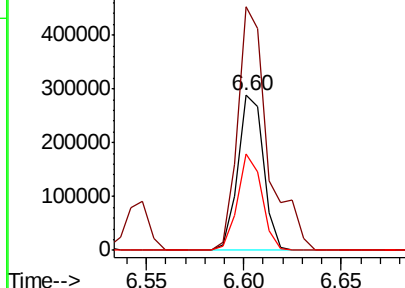
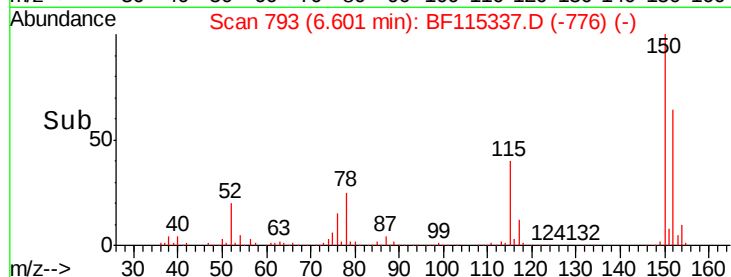


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

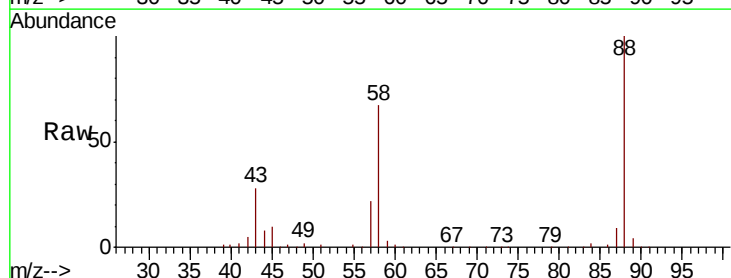
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.110 ng
RT: 2.39 min Scan# 77
Delta R.T. 0.24 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	56.1	84.1
43	0.0	21.3	31.9#

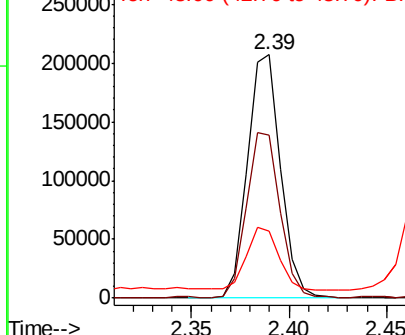
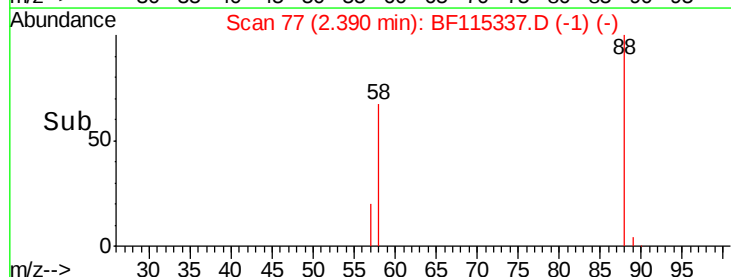


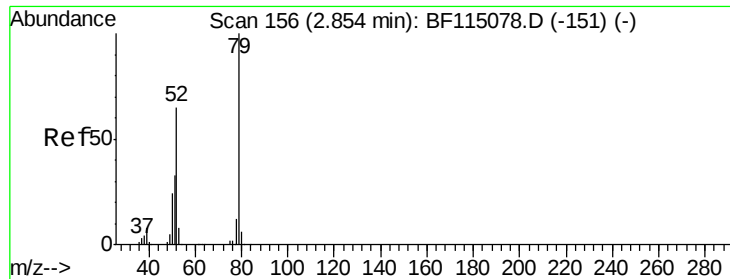
Abundance

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: 27.108 ng

RT: 3.01 min Scan# 182

Delta R.T. 0.21 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Instrument :

BNA_F

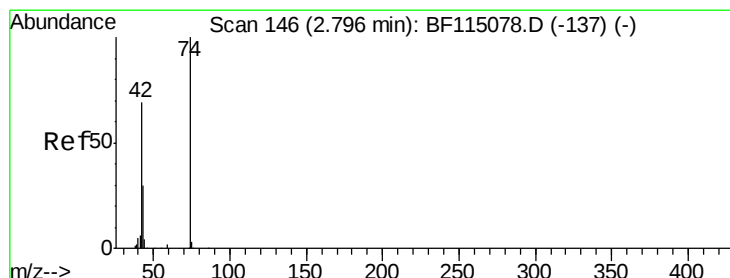
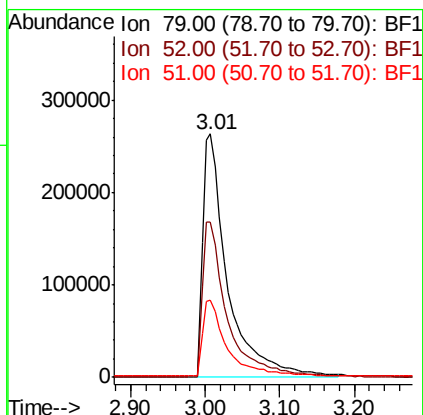
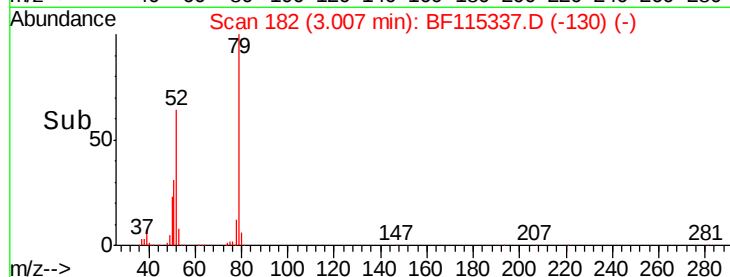
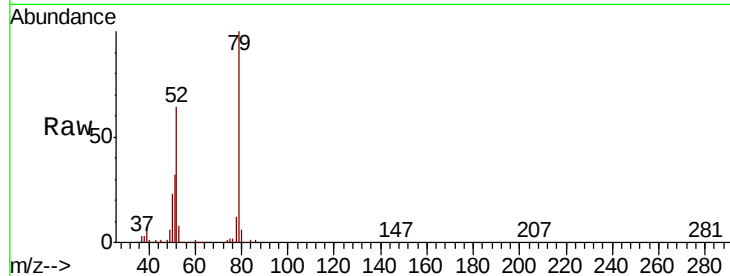
ClientSampleId :

OK-02-062719MS

Tot Ion:	79	Resp:	613545
Ion Ratio	Lower	Upper	
79	100		
52	63.8	52.3	78.5
51	31.6	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 31.626 ng

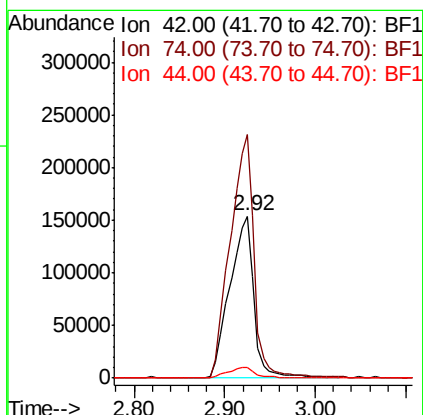
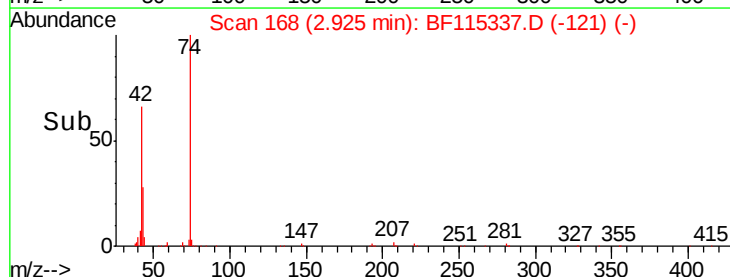
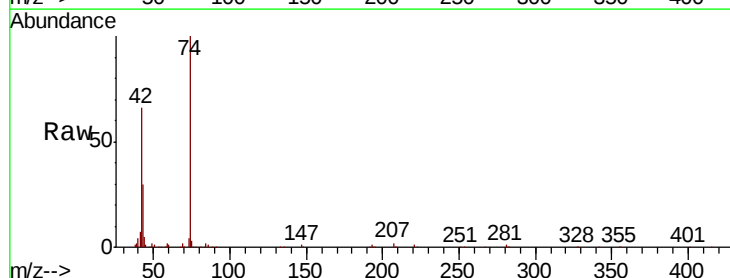
RT: 2.92 min Scan# 168

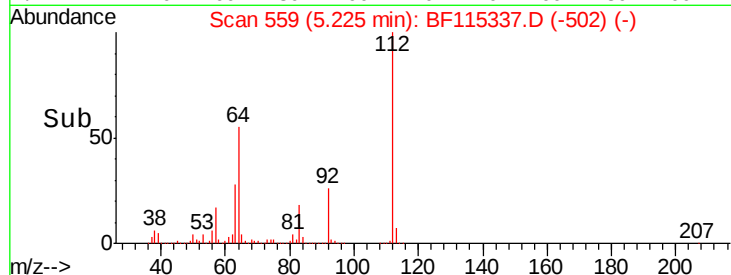
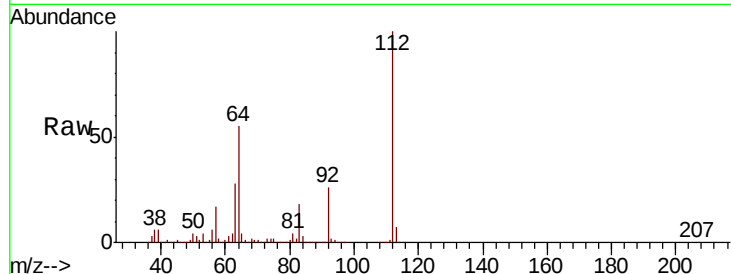
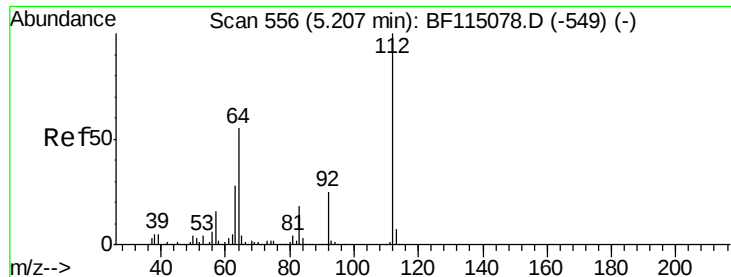
Delta R.T. 0.18 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Tgt Ion:	42	Resp:	280608
Ion Ratio	Lower	Upper	
42	100		
74	150.5	116.6	175.0
44	7.0	5.3	7.9





#5

2-Fluorophenol

Concen: 100.542 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.04 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Tot Ion:	112	Resp:	1710716
Ion	Ratio	Lower	Upper
112	100		
64	55.0	43.8	65.6
63	28.3	22.2	33.4

Instrument :

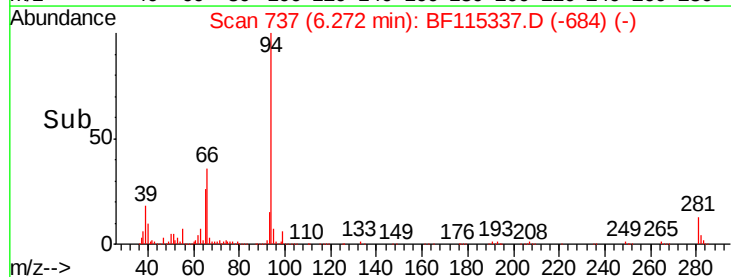
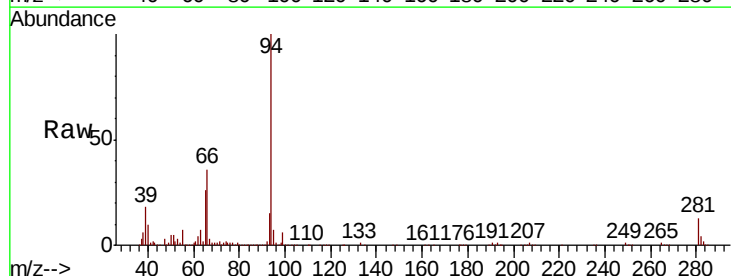
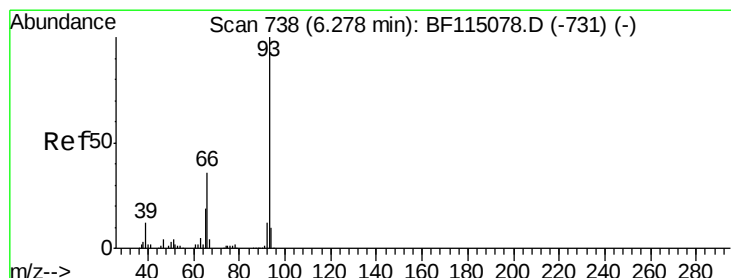
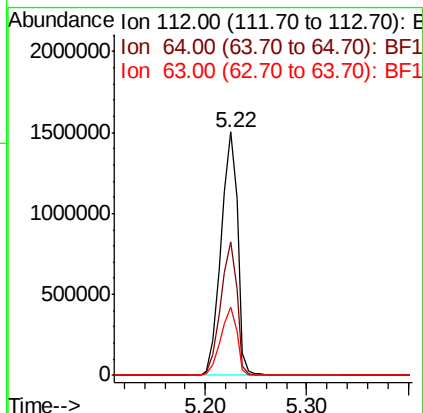
BNA_F

ClientSampleId :

OK-02-062719MS

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#6

Aniline

Concen: 6.930 ng

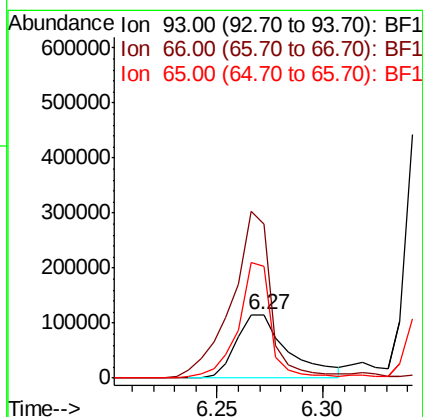
RT: 6.27 min Scan# 737

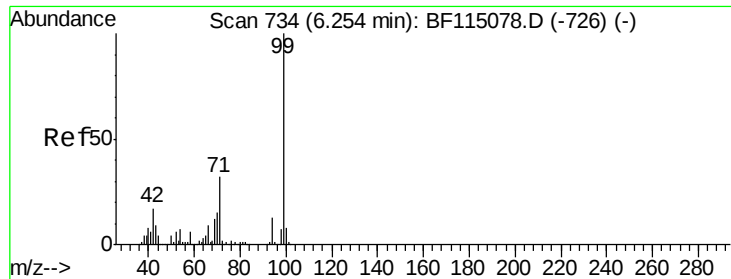
Delta R.T. 0.01 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Tgt Ion:	93	Resp:	196699
Ion	Ratio	Lower	Upper
93	100		
66	241.1	30.0	45.0#
65	175.9	15.6	23.4#





#7

Phenol-d6

Concen: 98.246 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Instrument :

BNA_F

ClientSampleId :

OK-02-062719MS

Tot Ion: 99 Resp: 2028968

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

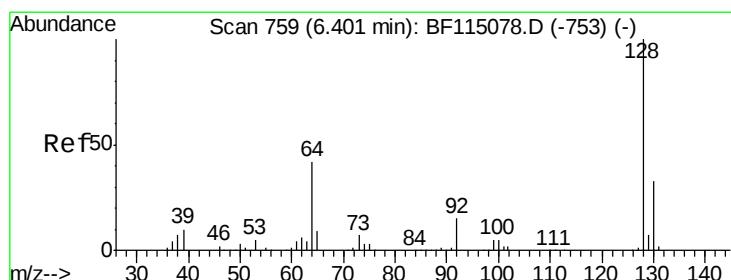
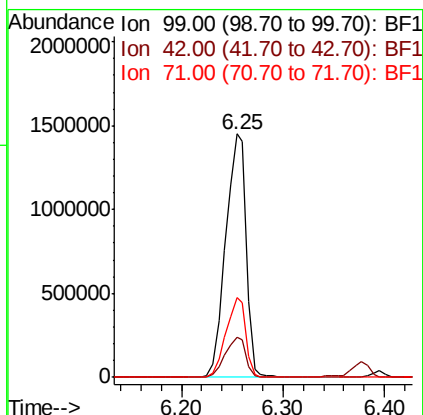
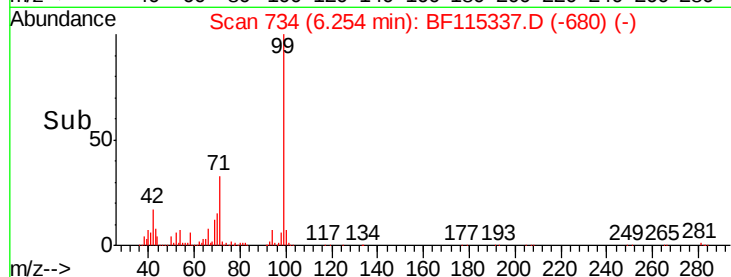
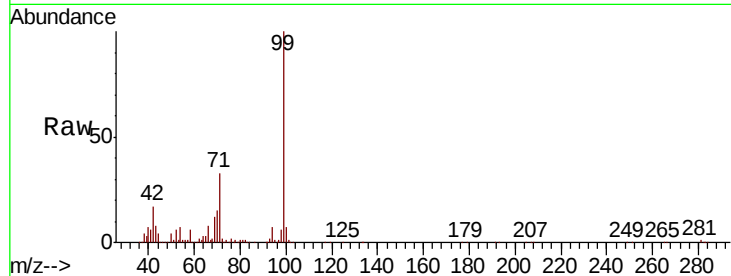
71 32.7 25.5 38.3

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#8

2-Chlorophenol

Concen: 36.949 ng

RT: 6.40 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

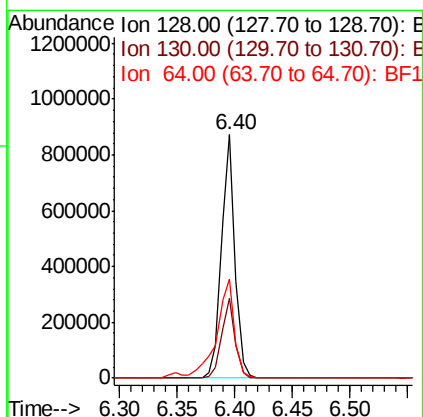
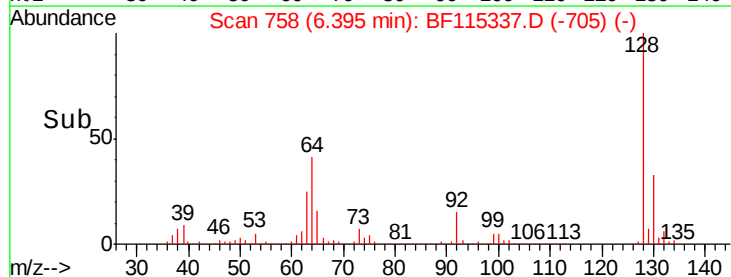
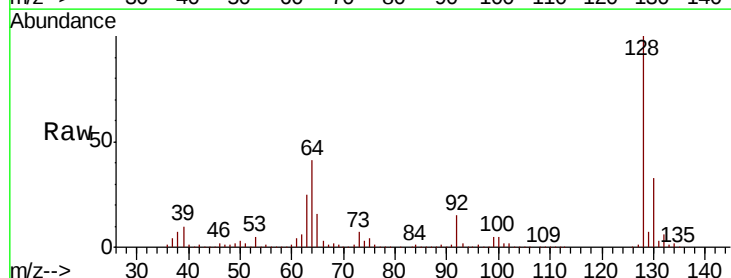
Tgt Ion: 128 Resp: 706927

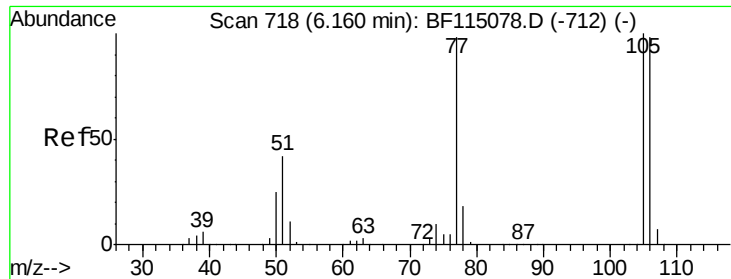
Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

64 40.8 22.9 62.9





#9

Benzaldehyde

Concen: 21.555 ng

RT: 6.15 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Instrument :

BNA_F

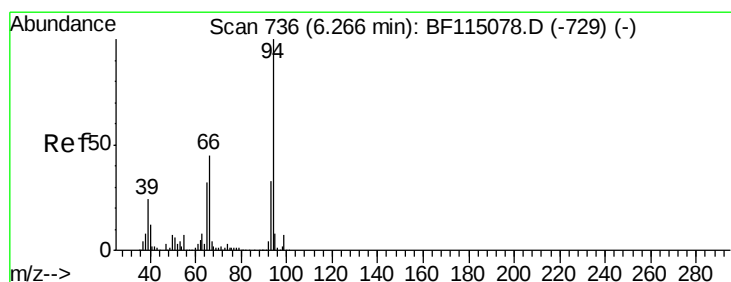
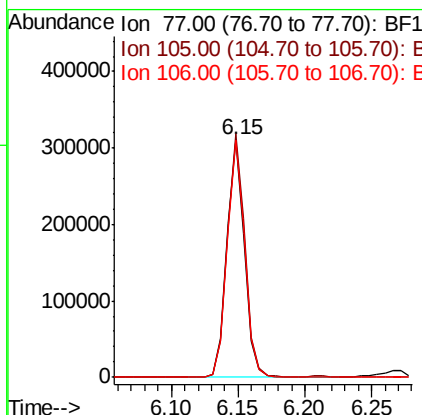
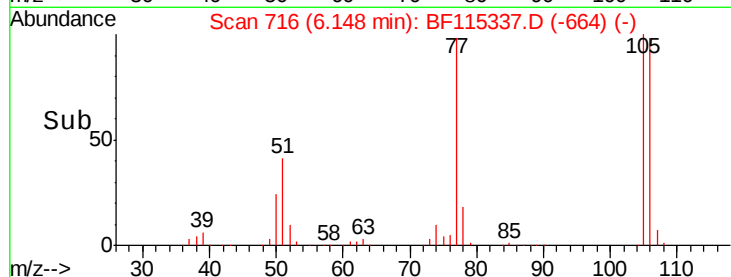
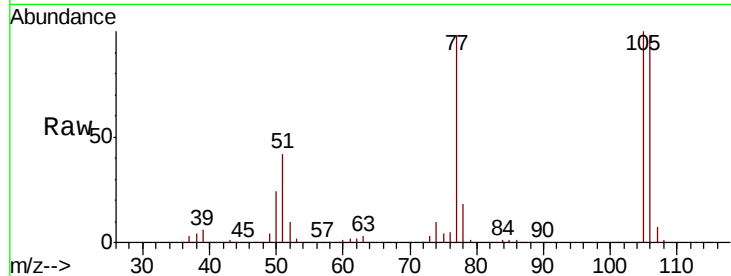
ClientSampleId :

OK-02-062719MS

Tot Ion:	77	Resp:	290422
Ion Ratio	Lower	Upper	
77	100		
105	102.4	81.5	121.5
106	99.9	79.7	119.7

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#10

Phenol

Concen: 29.631 ng

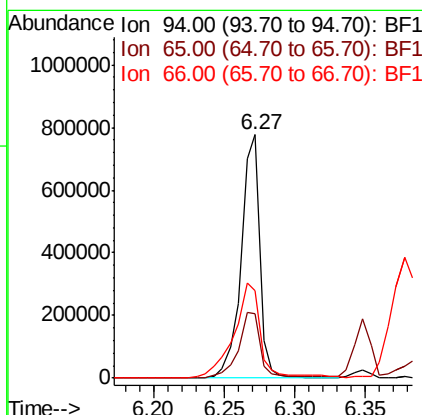
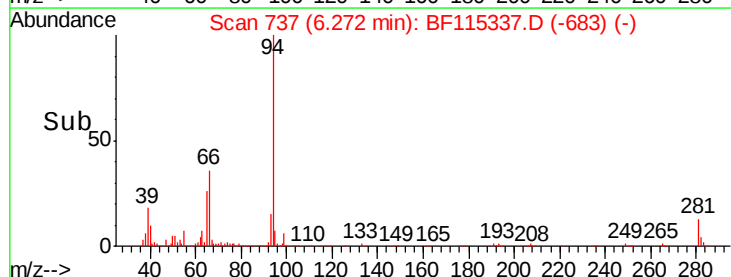
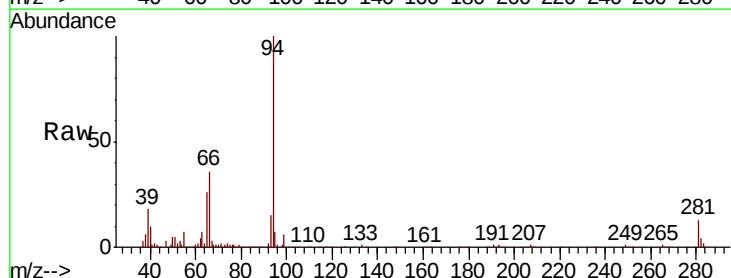
RT: 6.27 min Scan# 737

Delta R.T. 0.02 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Tgt Ion:	94	Resp:	716799
Ion Ratio	Lower	Upper	
94	100		
65	26.2	11.9	51.9
66	35.9	25.2	65.2





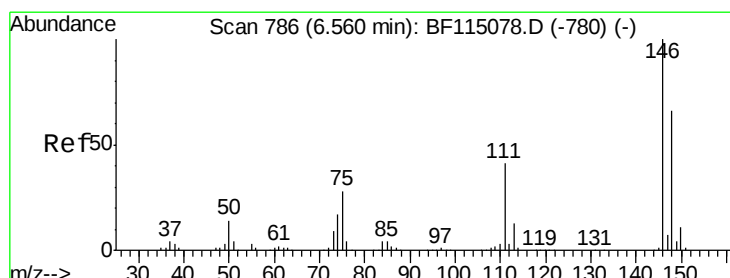
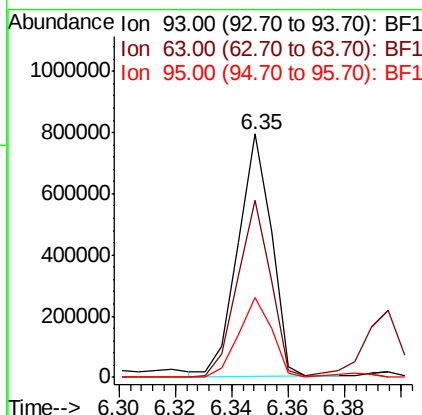
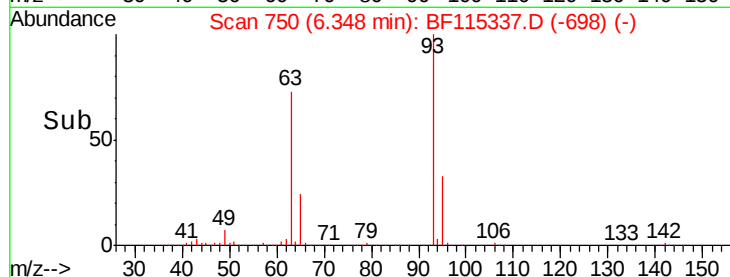
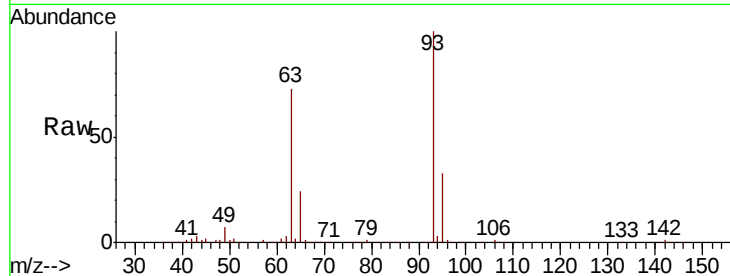
#11
bis(2-Chloroethyl)ether
Concen: 36.785 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		655951		
63	72.8	51.5	91.5		
95	32.9	13.4	53.4		

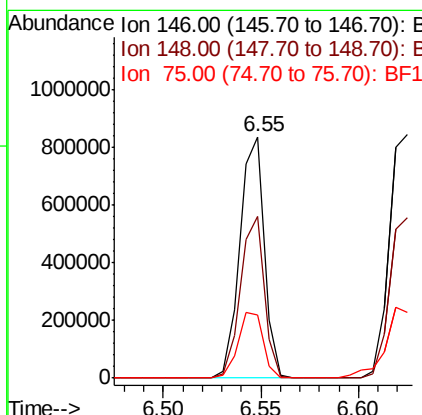
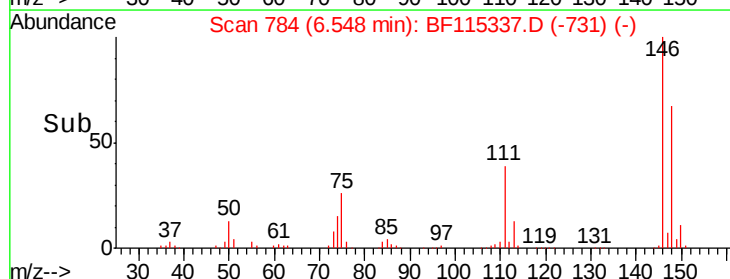
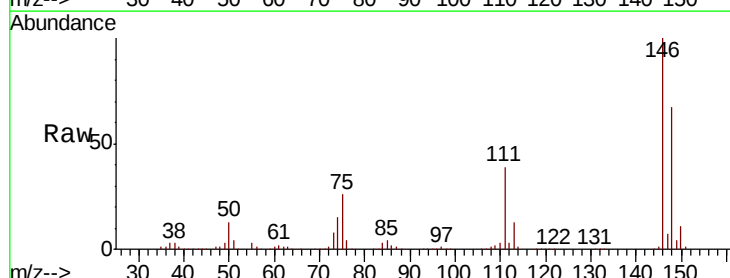
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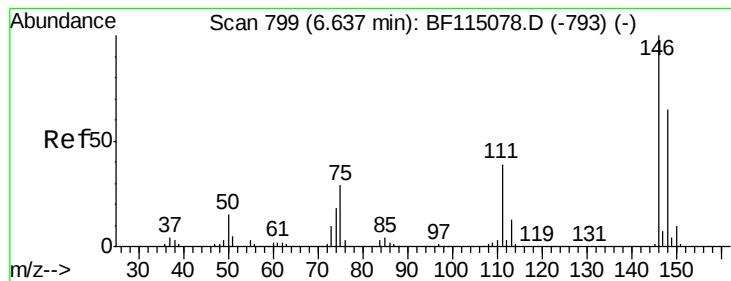
mohammad
7/2/2019 2:53:34 PM



#12
1,3-Dichlorobenzene
Concen: 34.054 ng
RT: 6.55 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		723076		
148	66.8	52.6	78.8		
75	26.3	22.6	34.0		





#13

1,4-Dichlorobenzene

Concen: 34.888 ng

RT: 6.62 min Scan# 797

Delta R.T. 0.01 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Instrument :

BNA_F

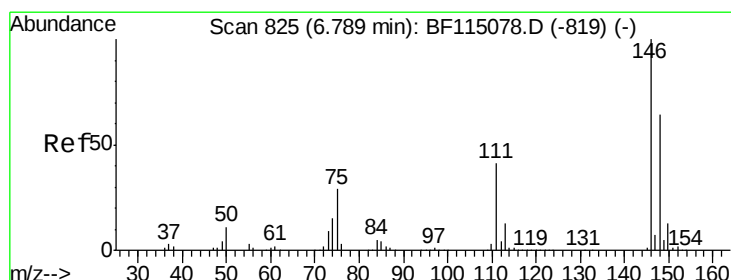
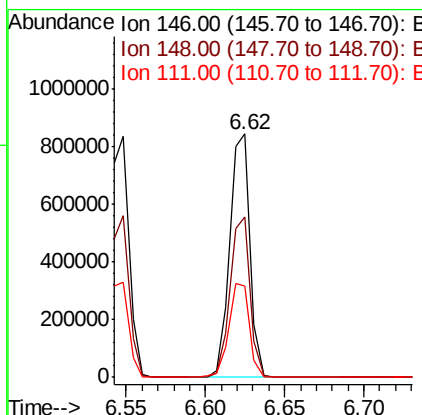
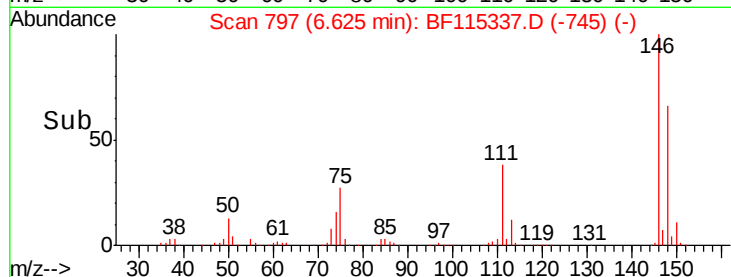
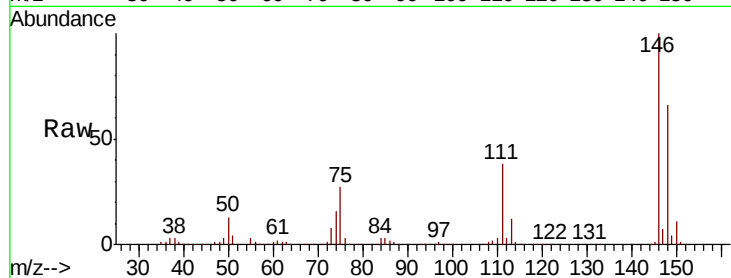
ClientSampleId :

OK-02-062719MS

Tot Ion:	146	Resp:	742849
Ion Ratio	Lower	Upper	
146	100		
148	65.9	51.9	77.9
111	37.6	31.4	47.0

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#14

1,2-Dichlorobenzene

Concen: 34.532 ng

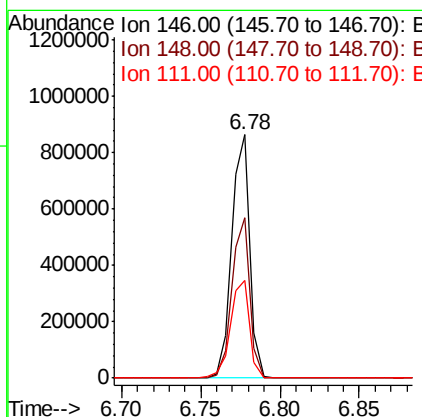
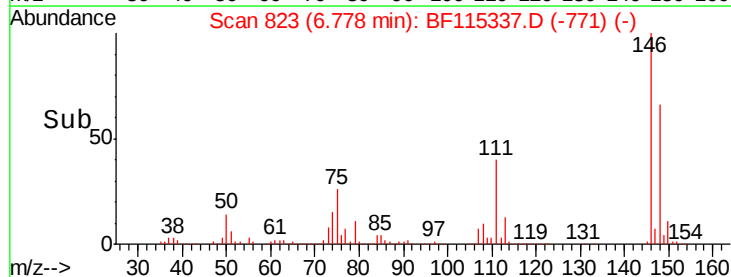
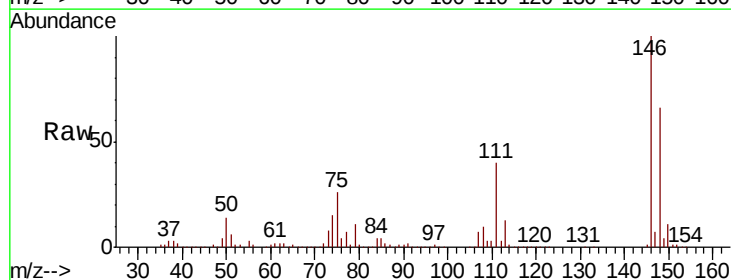
RT: 6.78 min Scan# 823

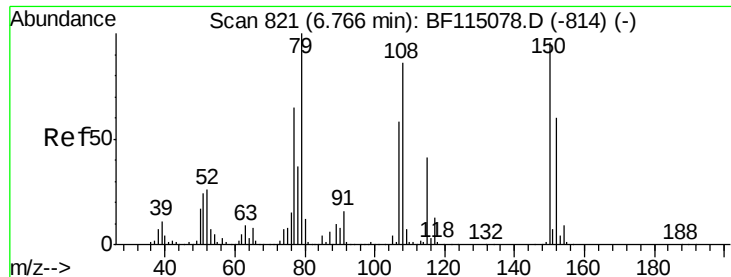
Delta R.T. 0.01 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Tgt Ion:	146	Resp:	680903
Ion Ratio	Lower	Upper	
146	100		
148	65.8	51.1	76.7
111	39.9	33.2	49.8





#15

Benzyl Alcohol

Concen: 37.286 ng

RT: 6.75 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Instrument :

BNA_F

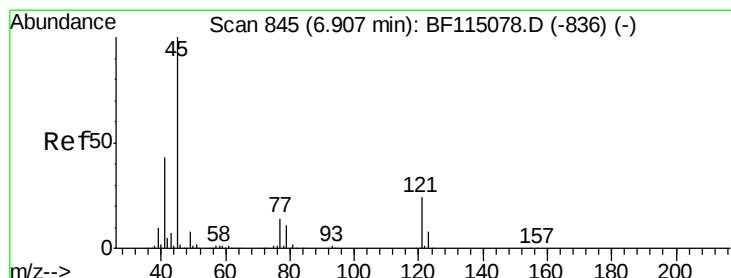
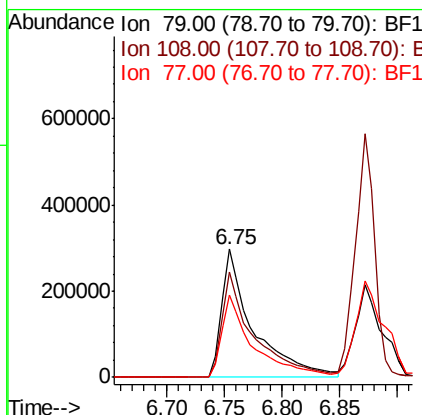
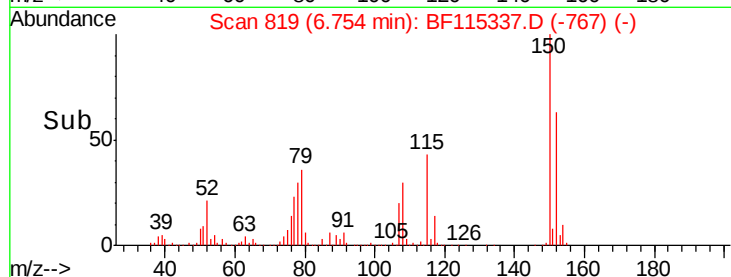
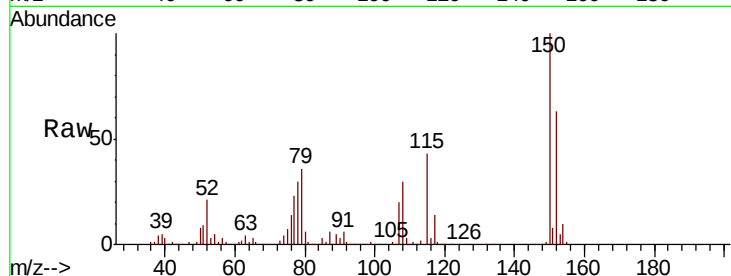
ClientSampleId :

OK-02-062719MS

Tot Ion:	79	Resp:	560711
Ion Ratio	Lower	Upper	
79	100		
108	82.0	68.7	103.1
77	63.9	51.7	77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.934 ng

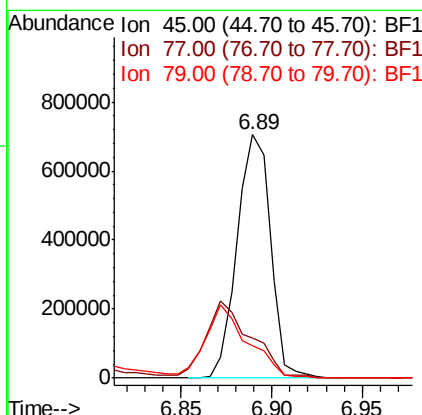
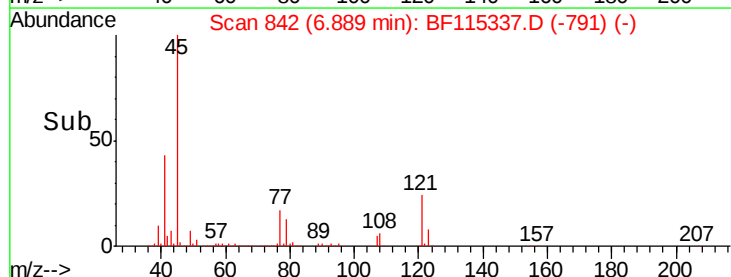
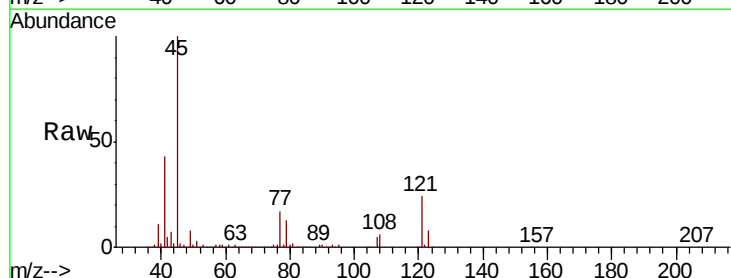
RT: 6.89 min Scan# 842

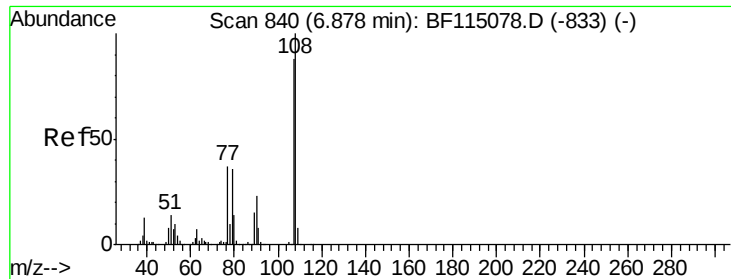
Delta R.T. 0.00 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Tgt Ion:	45	Resp:	903502
Ion Ratio	Lower	Upper	
45	100		
77	16.6	0.0	34.6
79	13.3	0.0	31.2





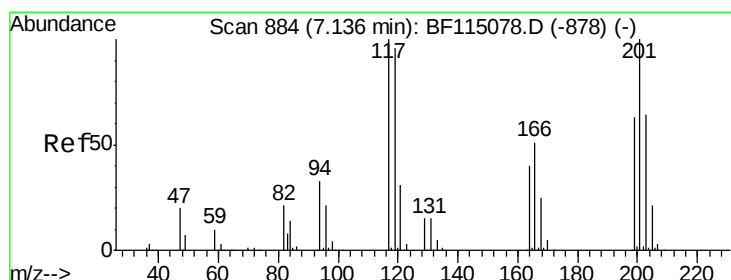
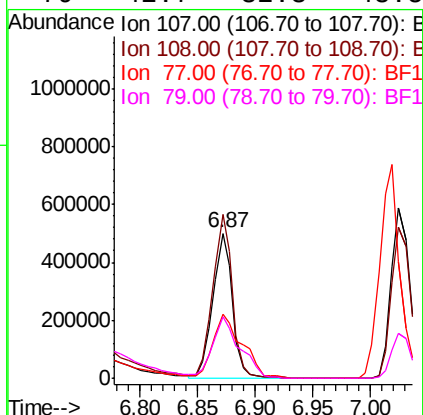
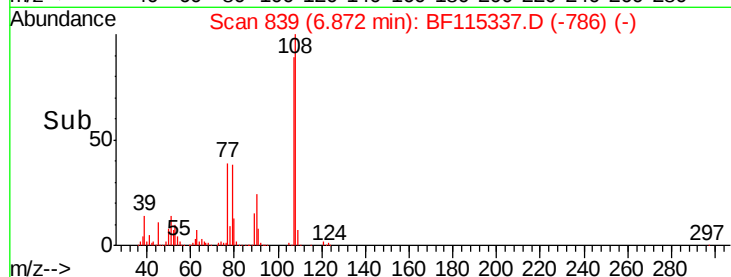
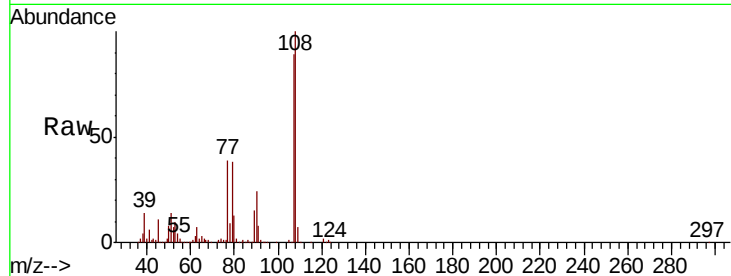
#17
2-Methylphenol
Concen: 37.214 ng
RT: 6.87 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	90.9	136.3	
77	44.5	33.4	50.2	
79	42.7	32.3	48.5	

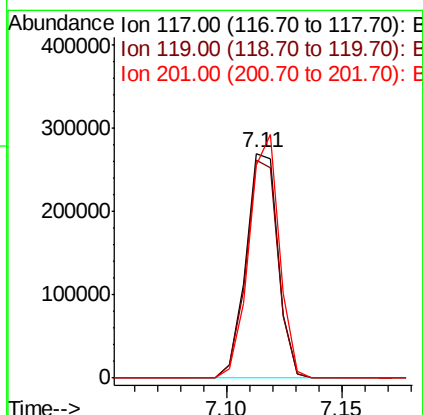
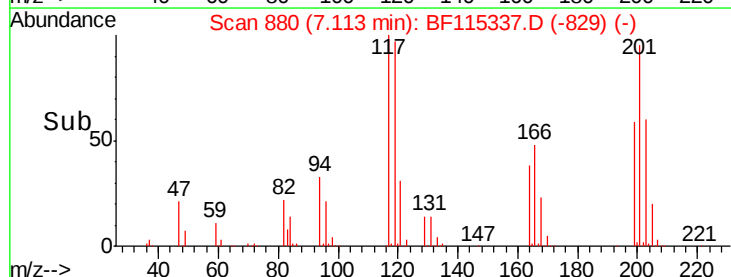
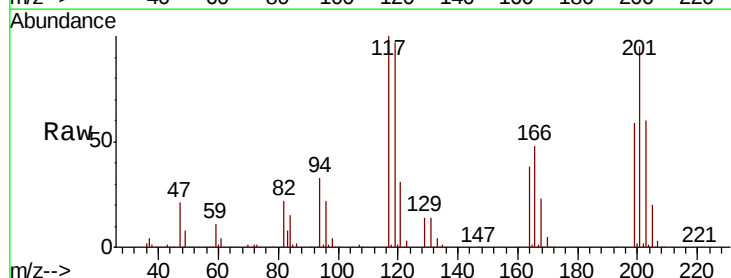
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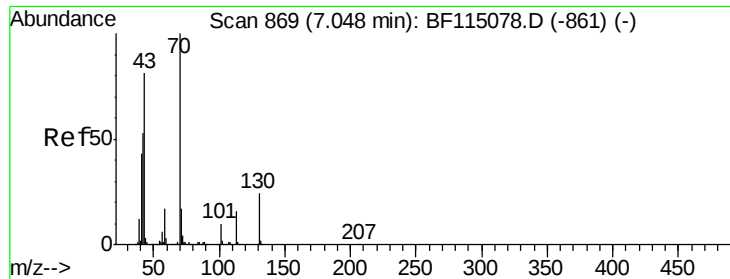
mohammad
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#18
Hexachloroethane
Concen: 34.178 ng
RT: 7.11 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	76.6	114.8	
201	95.0	80.2	120.2	





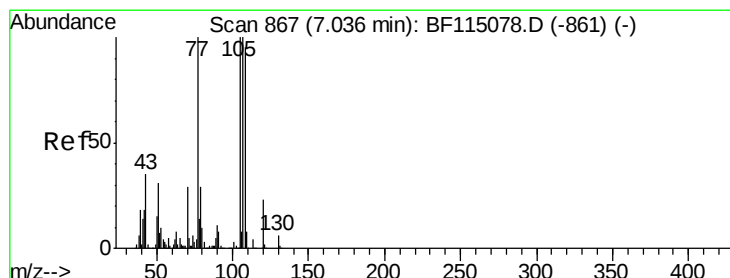
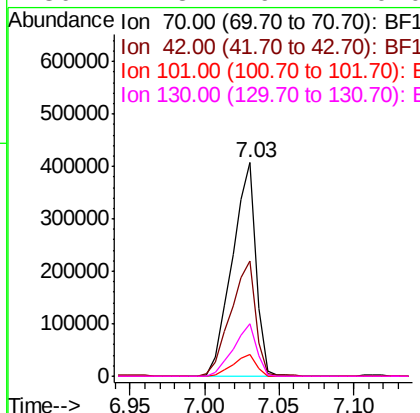
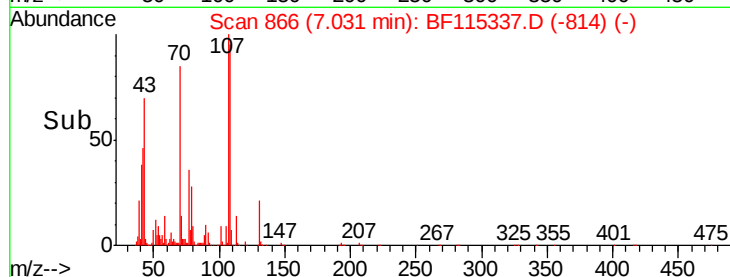
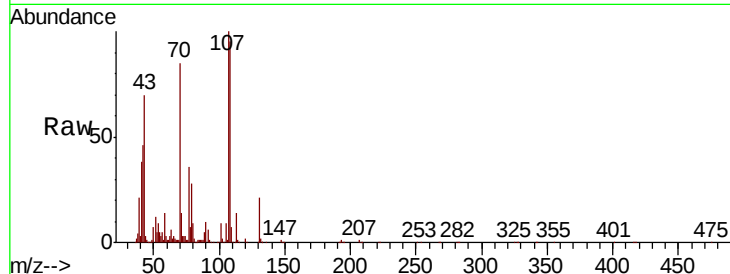
#19
n-Nitroso-di-n-propylamine
Concen: 34.635 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.7	42.6	63.8	
101	10.4	8.0	12.0	
130	24.8	19.4	29.0	

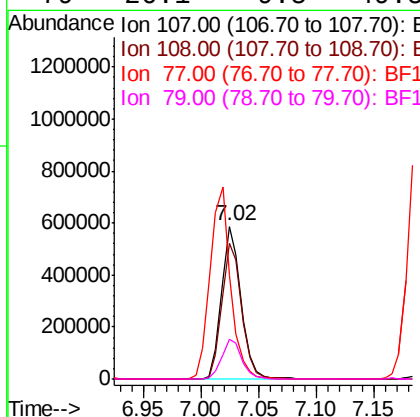
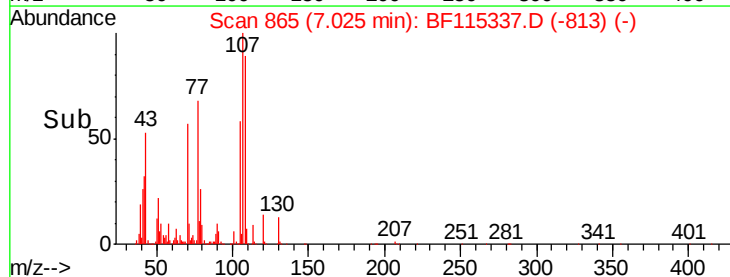
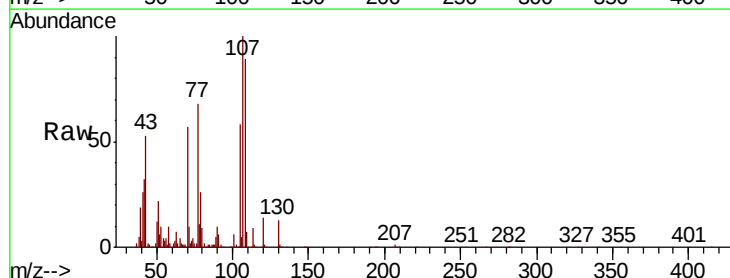
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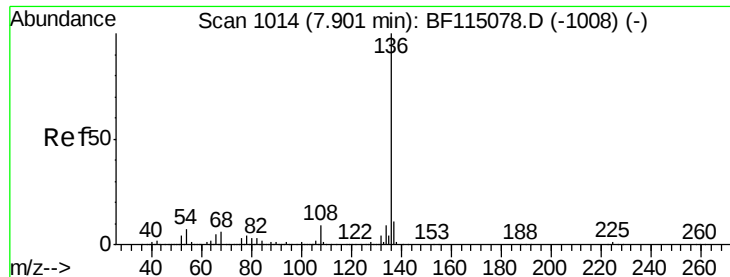
mohammad
7/2/2019 2:53:34 PM



#20
3+4-Methylphenols
Concen: 37.457 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.0	75.5	115.5	
77	68.4	80.2	120.2	
79	26.1	9.5	49.5	





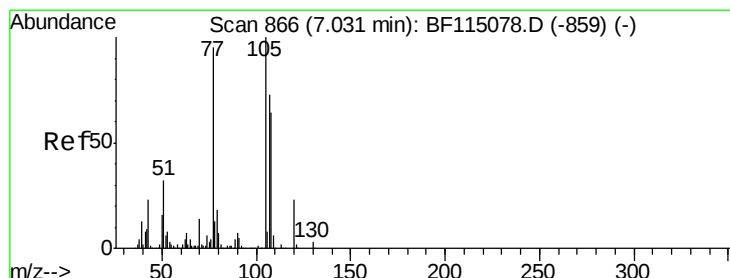
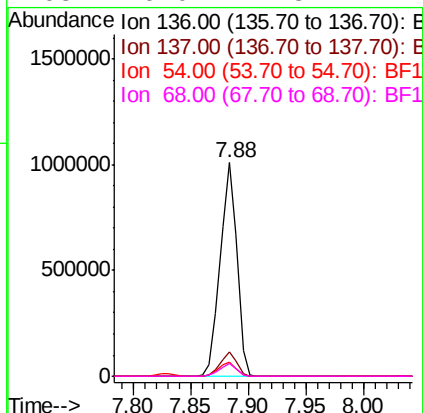
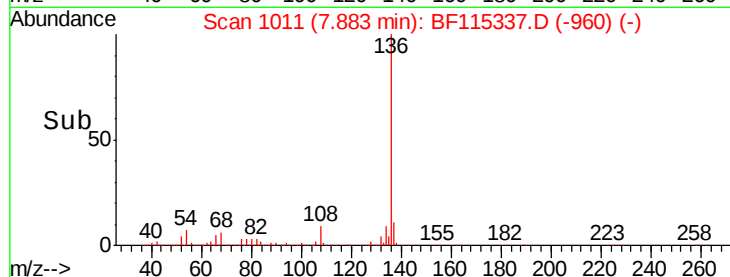
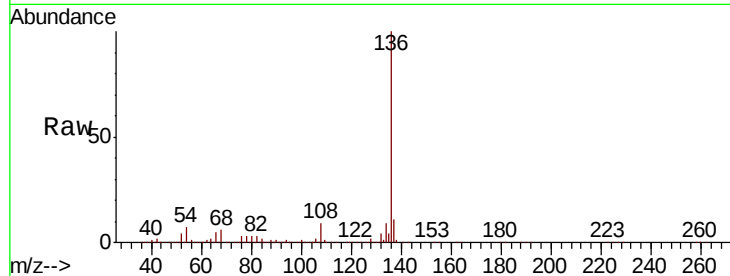
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.8	5.6	8.4
68	6.0	4.8	7.2

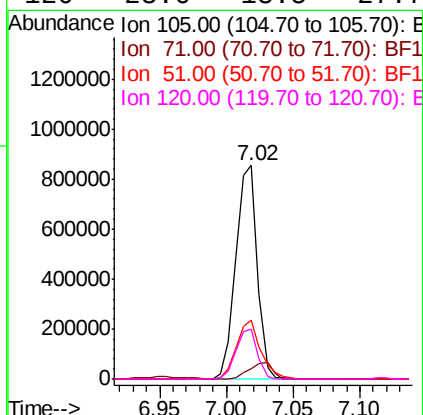
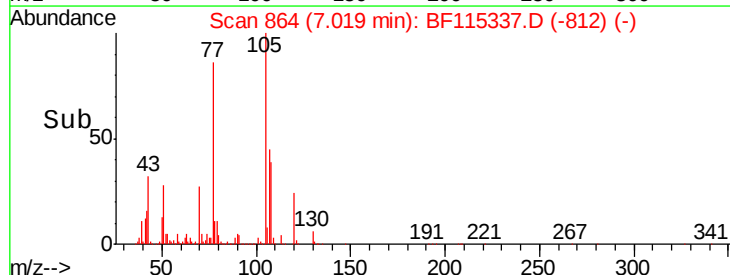
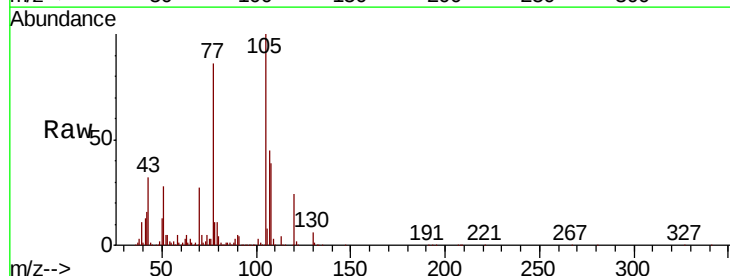
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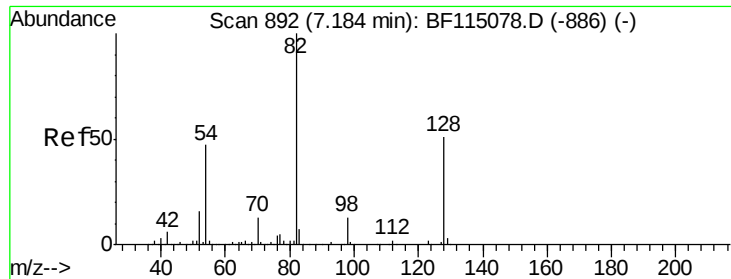
mohammad
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#22
Acetophenone
Concen: 41.323 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.8	1.9	2.9#
51	27.9	25.8	38.8
120	23.6	18.5	27.7





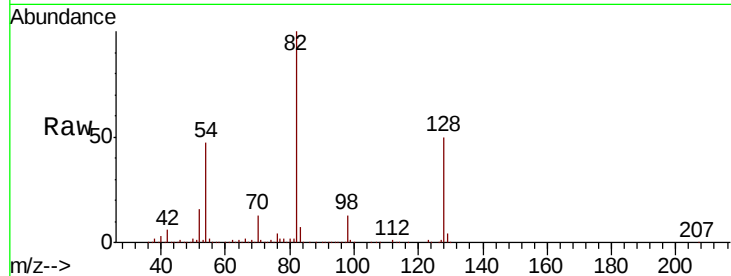
#23
 Nitrobenzene-d5
 Concen: 87.024 ng
 RT: 7.17 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF115337.D
 Acq: 1 Jul 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062719MS

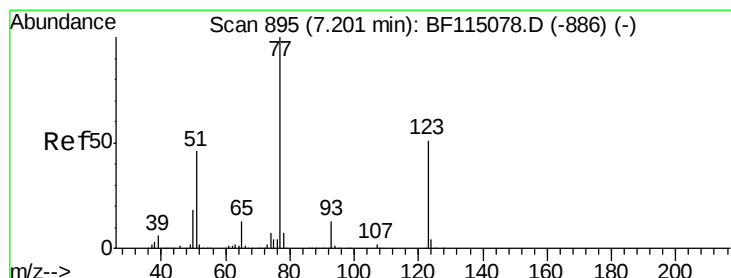
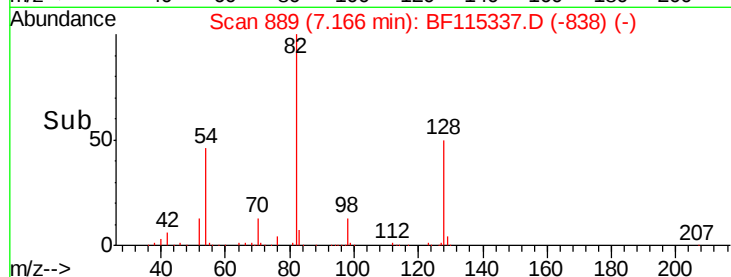
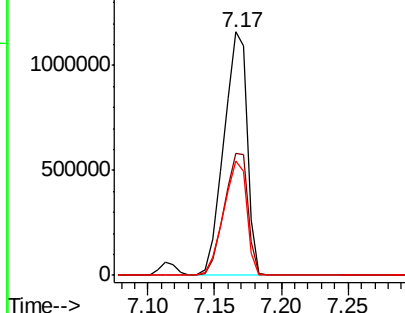
Tot Ion	82	Resp	1436605
Ion Ratio	100	Lower	Upper
128	50.4	40.4	60.6
54	47.1	37.5	56.3

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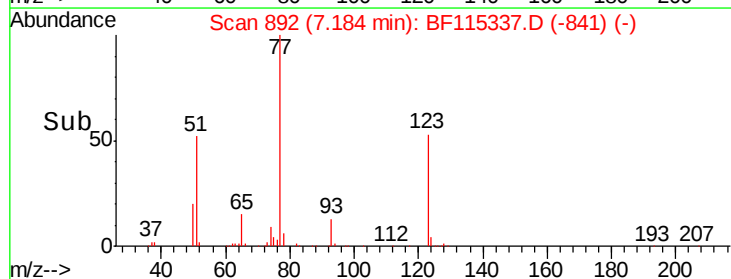
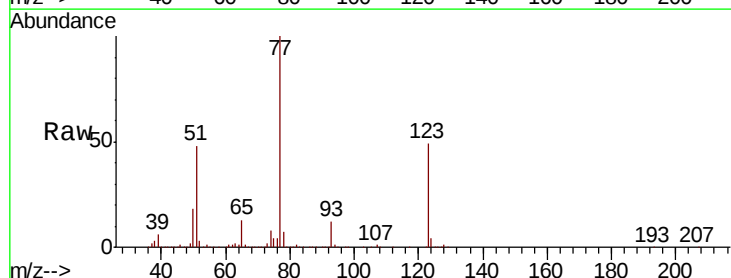
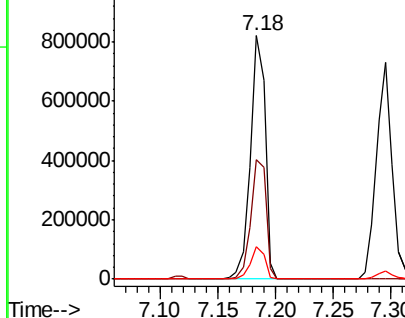
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

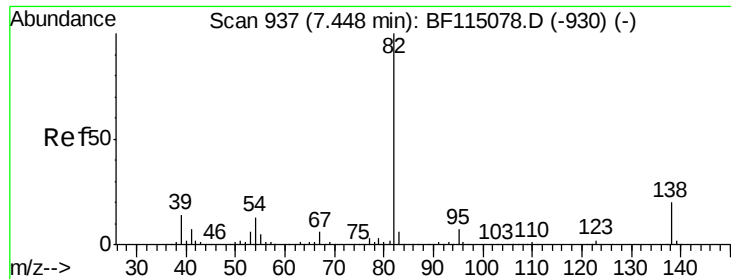


#24
 Nitrobenzene
 Concen: 39.673 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115337.D
 Acq: 1 Jul 2019 14:34

Tgt Ion	77	Resp	721521
Ion Ratio	100	Lower	Upper
123	49.3	41.0	61.6
65	13.4	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





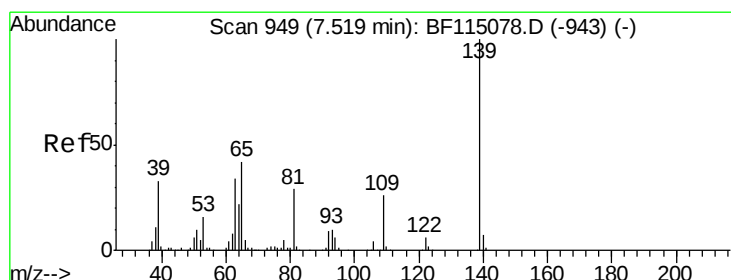
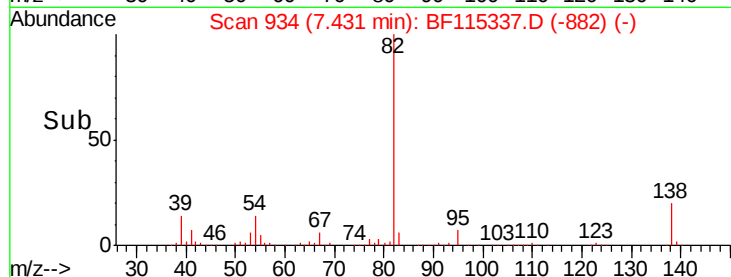
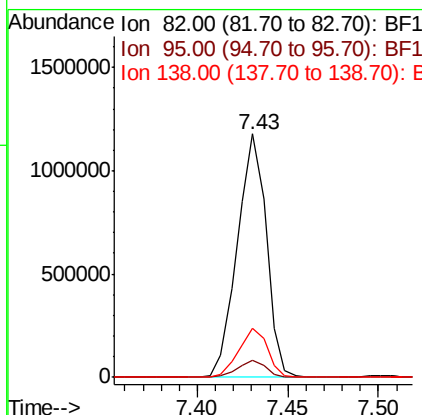
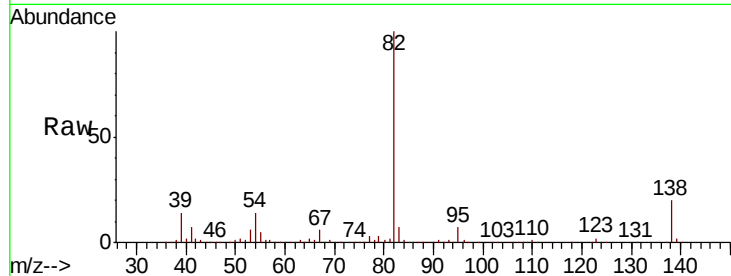
#25
Isophorone
Concen: 38.963 ng
RT: 7.43 min Scan# 934
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Tot Ion: 82 Resp: 1317634
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 19.9 15.9 23.9

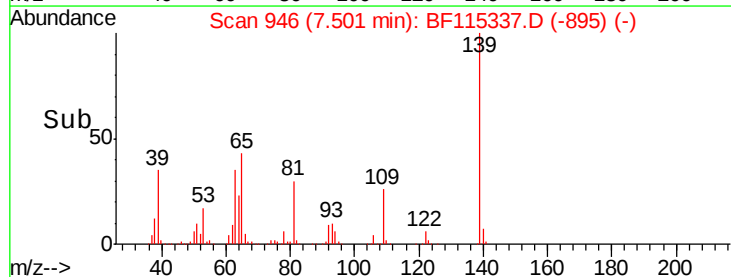
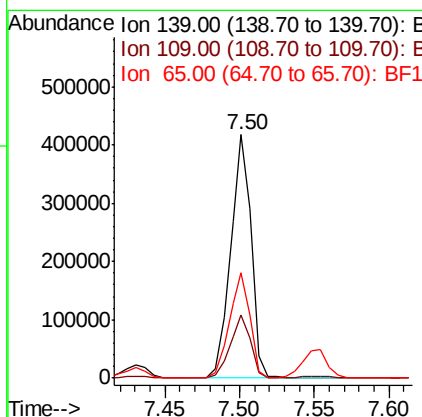
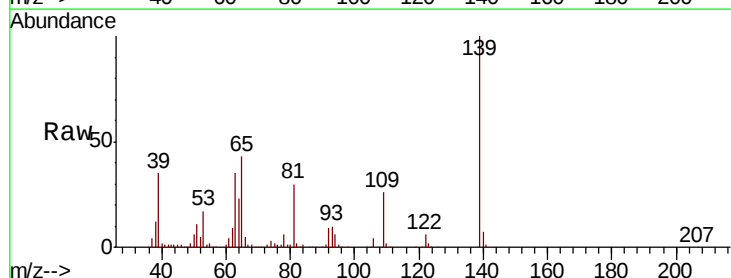
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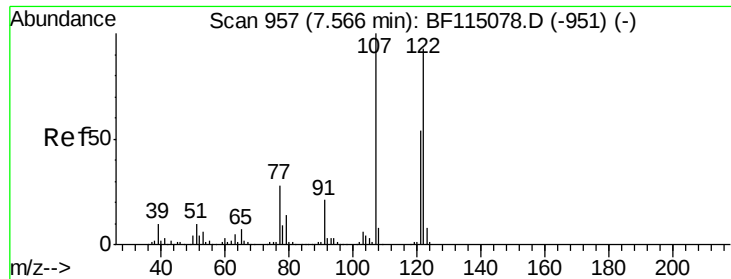
mohammad
7/2/2019 2:53:34 PM



#26
2-Nitrophenol
Concen: 45.226 ng
RT: 7.50 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Tgt Ion: 139 Resp: 406190
Ion Ratio Lower Upper
139 100
109 26.2 20.4 30.6
65 43.3 33.6 50.4





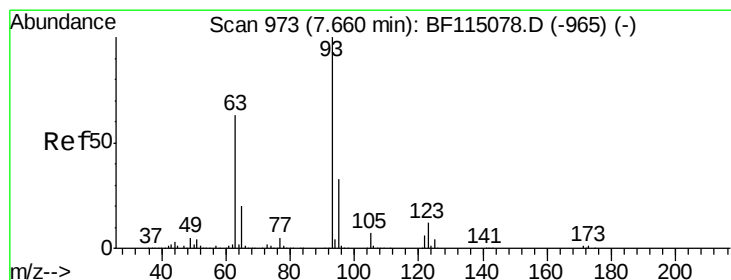
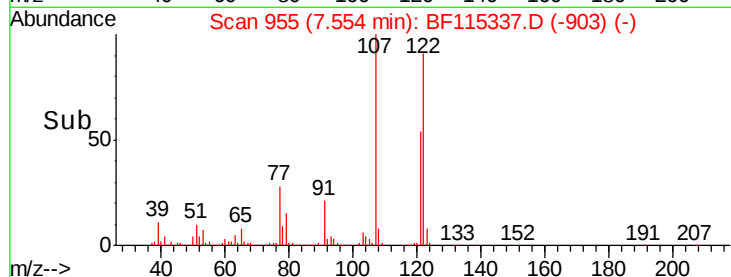
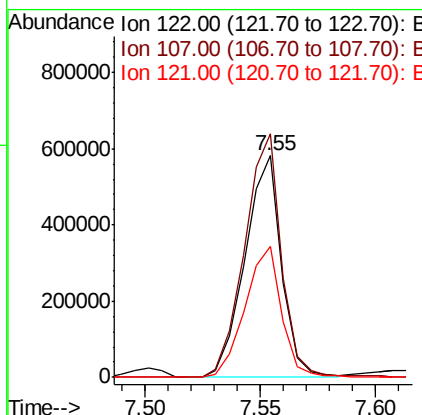
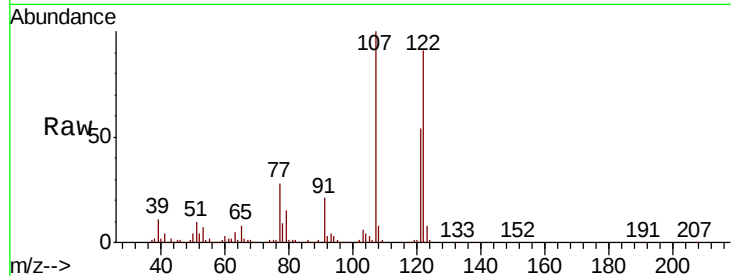
#27
2,4-Dimethylphenol
Concen: 43.506 ng
RT: 7.55 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.8	85.8	128.6
121	59.1	46.3	69.5

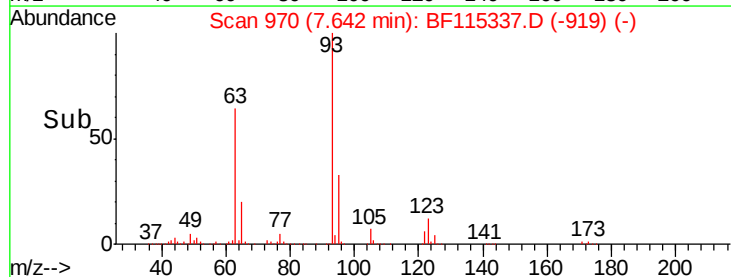
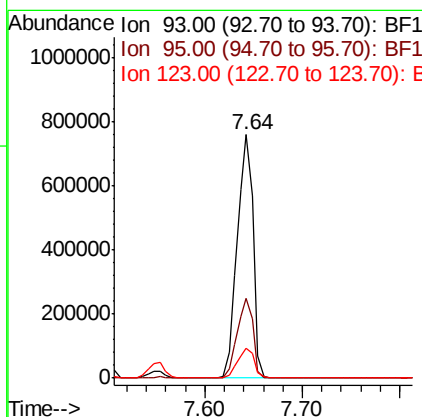
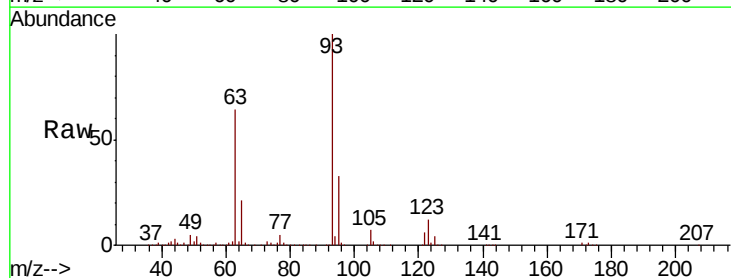
Manual Integrations
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mohammad
7/2/2019 2:53:34 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.896 ng
RT: 7.64 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	12.4	9.7	14.5





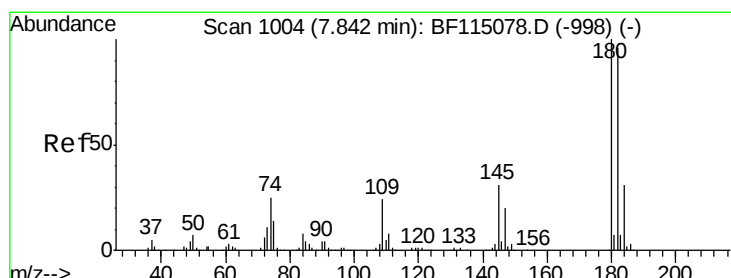
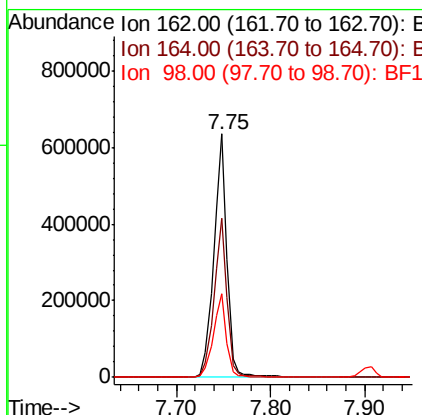
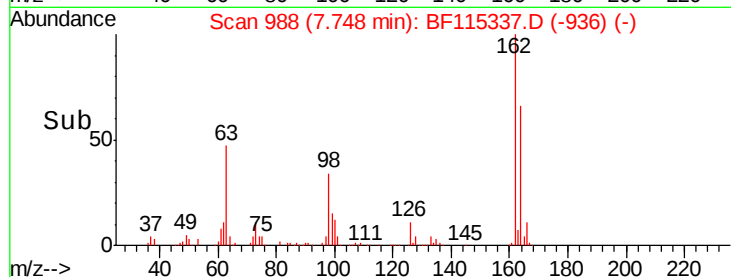
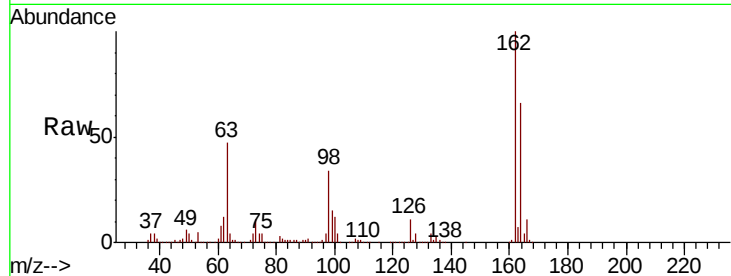
#29
2,4-Dichlorophenol
Concen: 41.494 ng
RT: 7.75 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	629704		
164	65.6	45.3	85.3	
98	34.1	12.5	52.5	

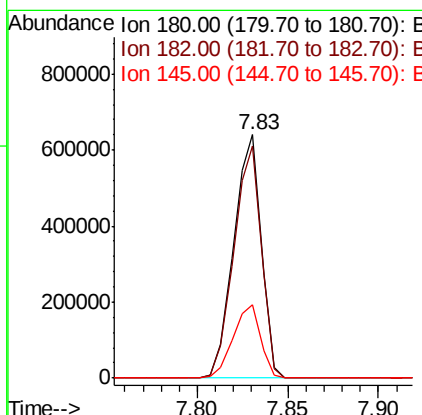
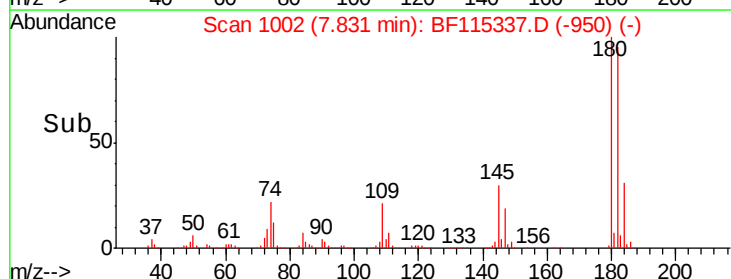
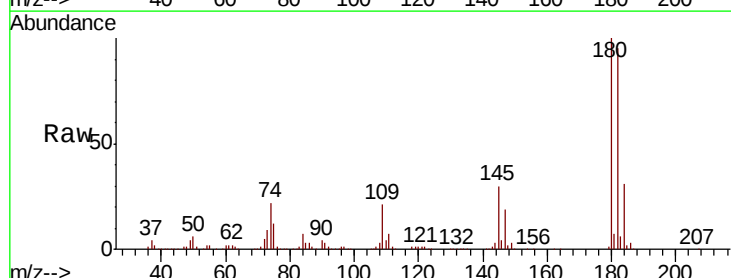
Manual Integrations
APPROVED

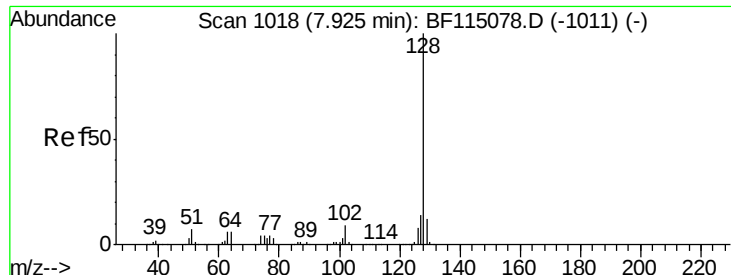
mohammad
7/2/2019 2:53:34 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.093 ng
RT: 7.83 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	672061		
182	95.4	76.4	114.6	
145	29.9	24.8	37.2	





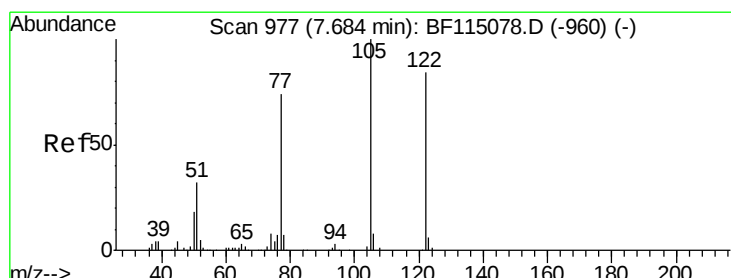
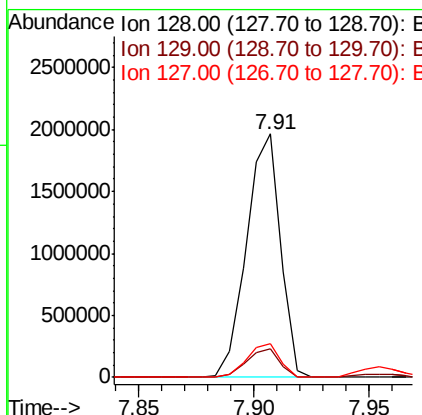
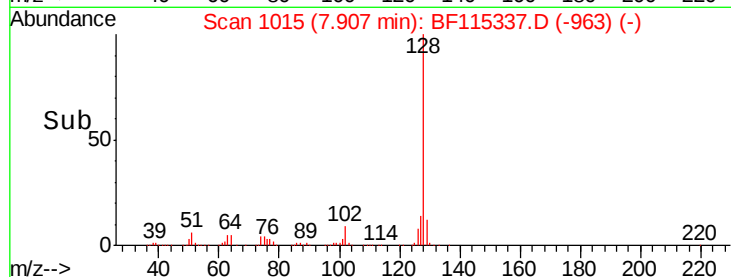
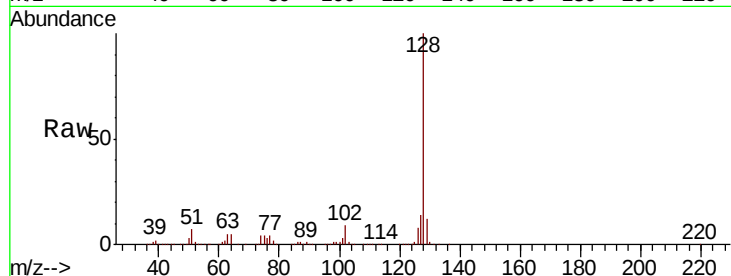
#31
Naphthalene
Concen: 40.624 ng
RT: 7.91 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.6	14.4
127	14.1	11.4	17.0

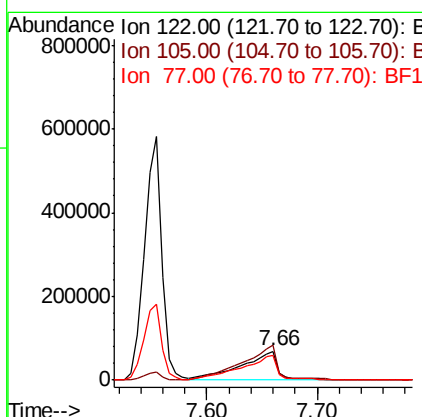
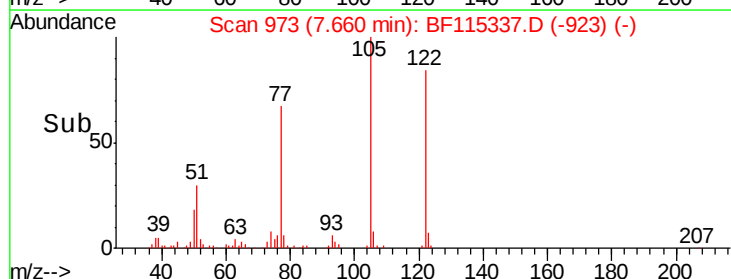
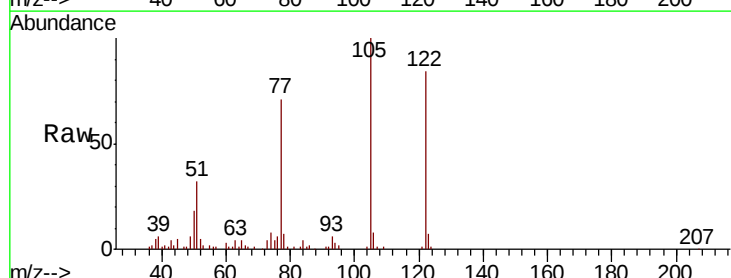
Manual Integrations
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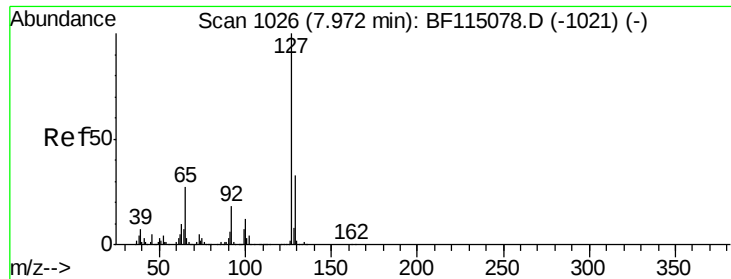
mohammad
7/2/2019 2:53:34 PM



#32
Benzoic acid
Concen: 15.074 ng
RT: 7.66 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.5	98.2	138.2
77	83.8	67.0	107.0





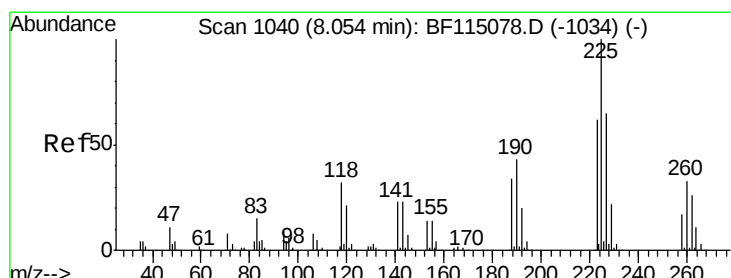
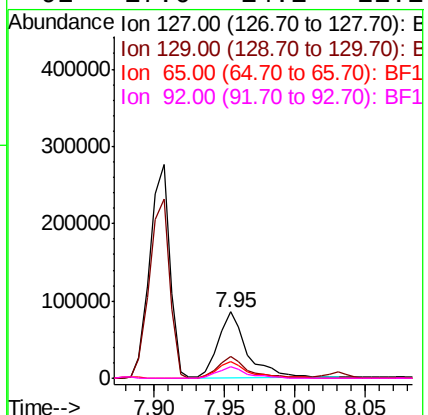
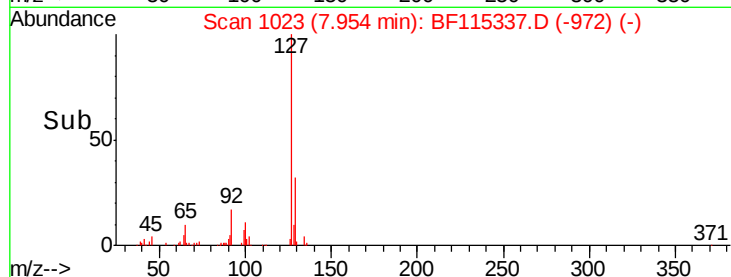
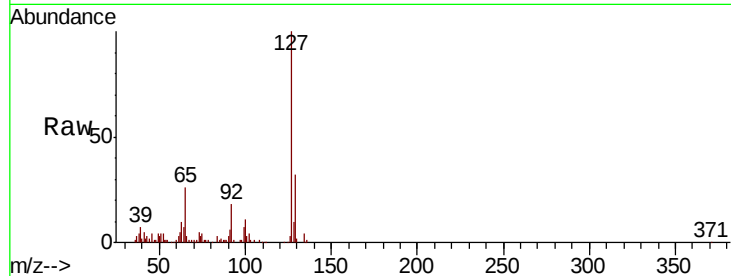
#33
4-Chloroaniline
Concen: 5.322 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.1	39.1		
65	25.9	21.4	32.2		
92	17.6	14.1	21.1		

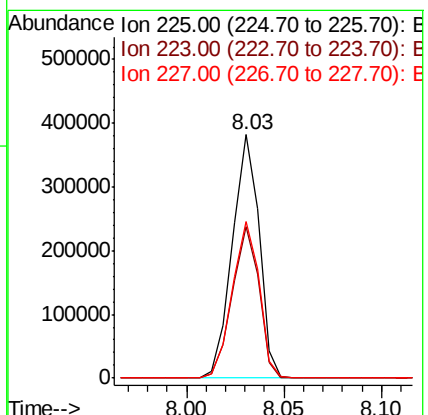
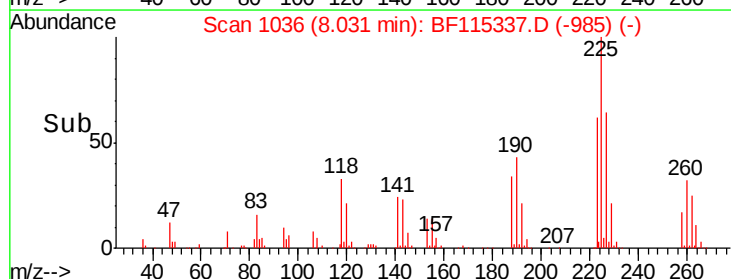
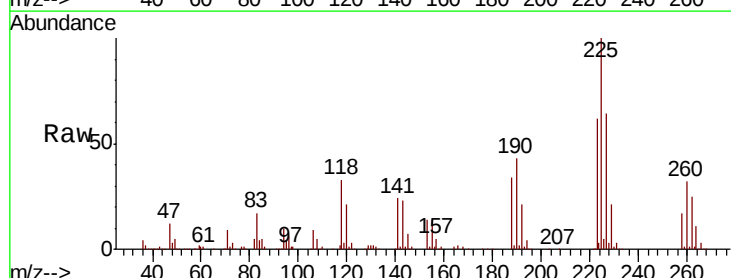
Manual Integrations
APPROVED

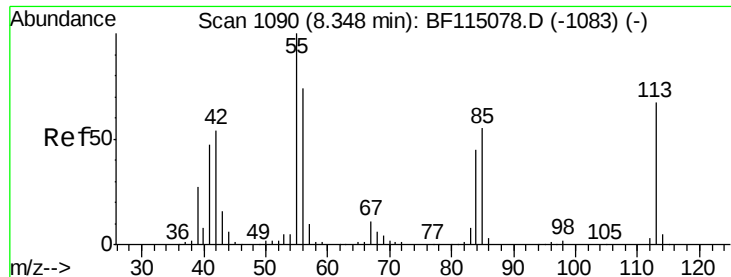
mohammad
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#34
Hexachlorobutadiene
Concen: 39.659 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	49.4	74.2		
227	64.1	51.8	77.8		





#35

Caprolactam

Concen: 34.411 ng/mL

RT: 8.34 min Scan# 1088

Delta R.T. 0.01 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Instrument :

BNA_F

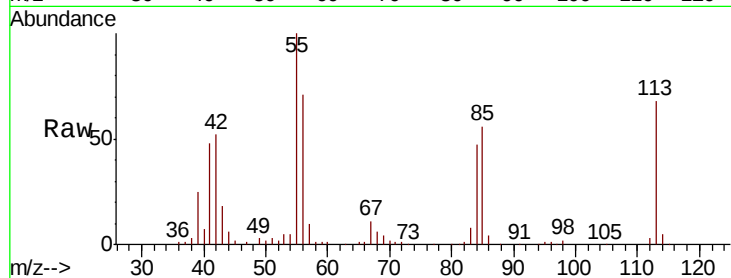
ClientSampleId :

OK-02-062719MS

Tot Ion:	113	Resp:	175571
Ion Ratio	Lower	Upper	
113	100		
55	146.2	130.2	170.2
56	104.3	91.6	131.6

Manual Integrations
APPROVED

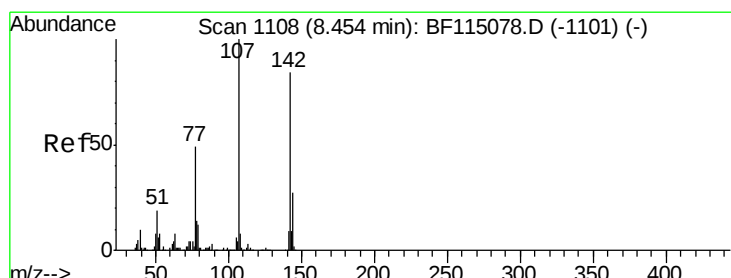
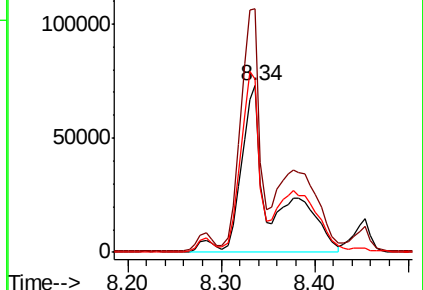
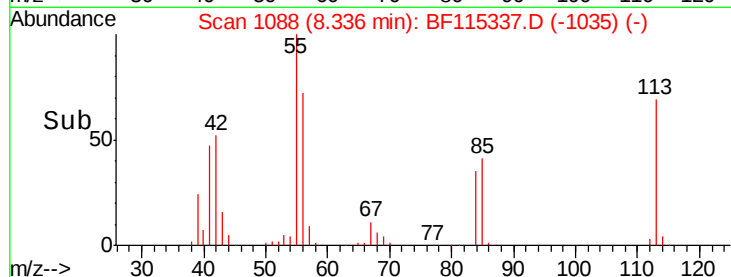
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.387 ng/mL

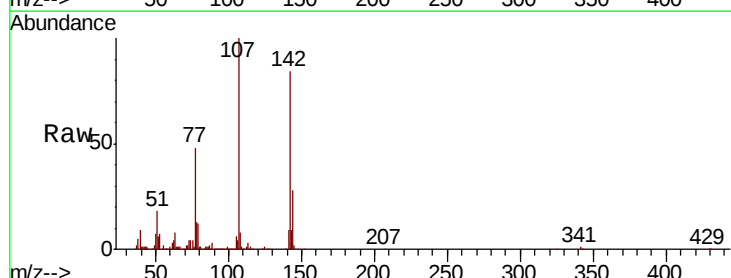
RT: 8.45 min Scan# 1108

Delta R.T. 0.02 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

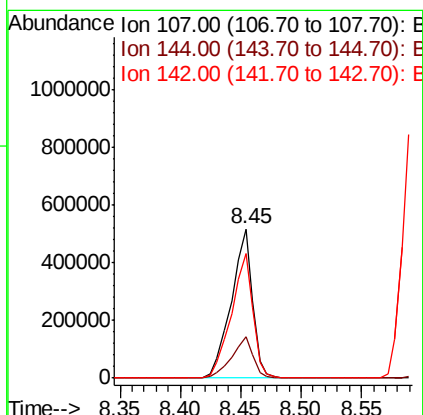
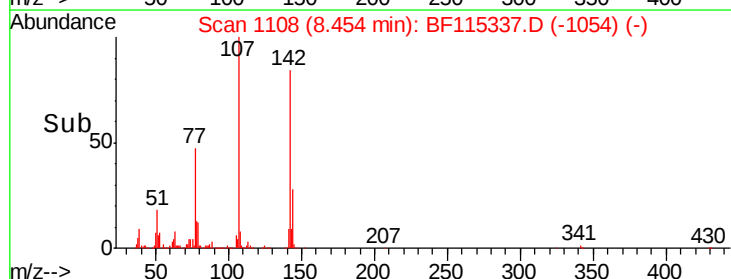
Tgt Ion:	107	Resp:	636073
Ion Ratio	Lower	Upper	
107	100		
144	27.7	21.7	32.5
142	83.9	67.0	100.4

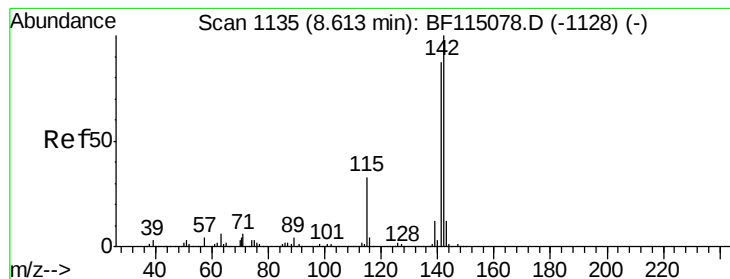


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





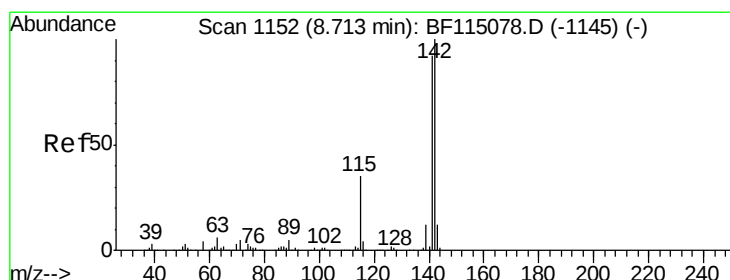
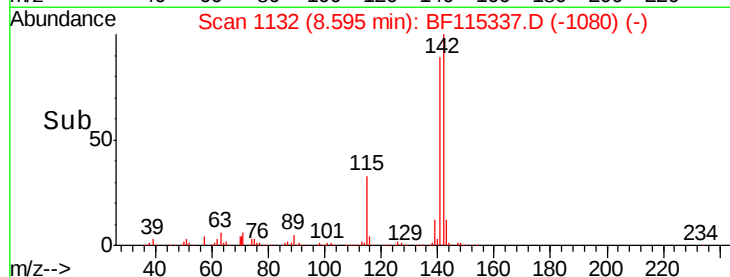
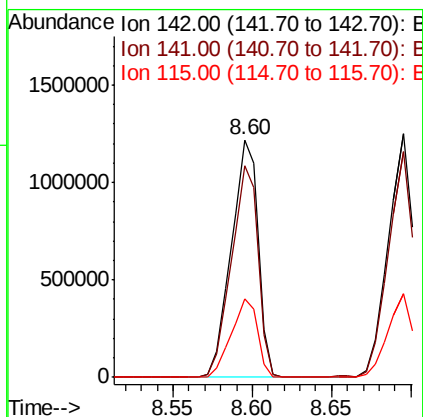
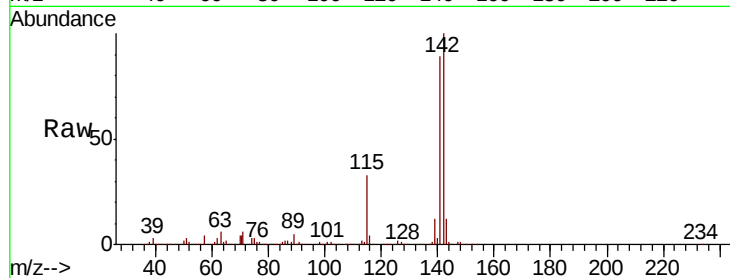
#37
2-Methylnaphthalene
Concen: 42.468 ng
RT: 8.60 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.8	104.6
115	32.8	26.7	40.1

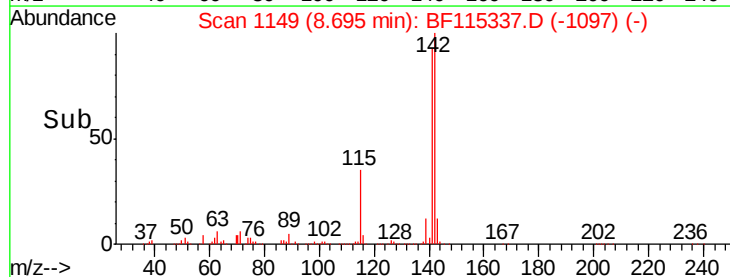
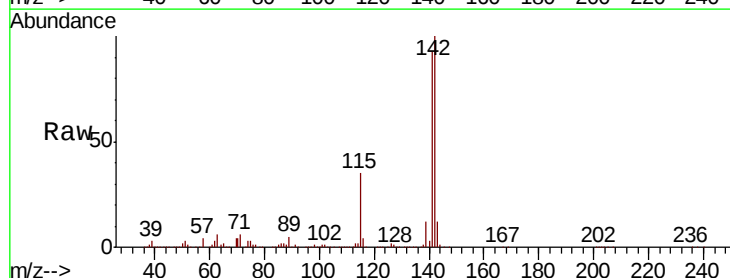
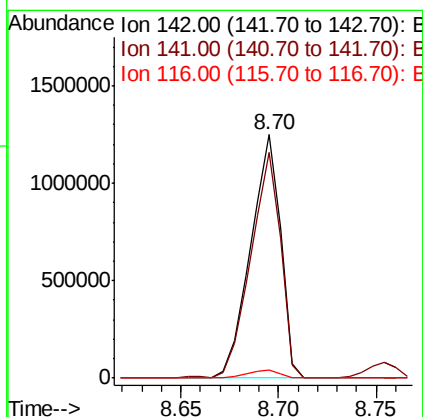
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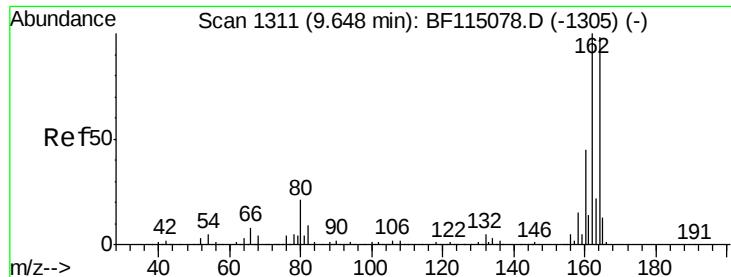
mohammad
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#38
1-Methylnaphthalene
Concen: 41.385 ng
RT: 8.70 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.8	110.8
116	3.6	2.8	4.2





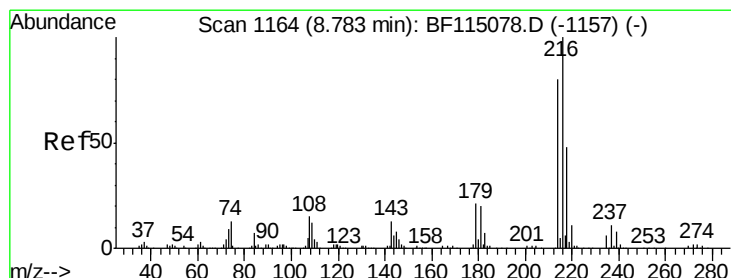
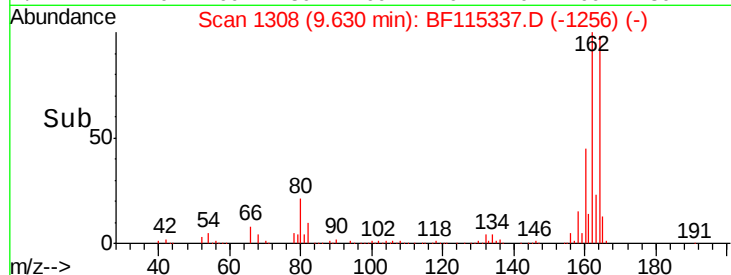
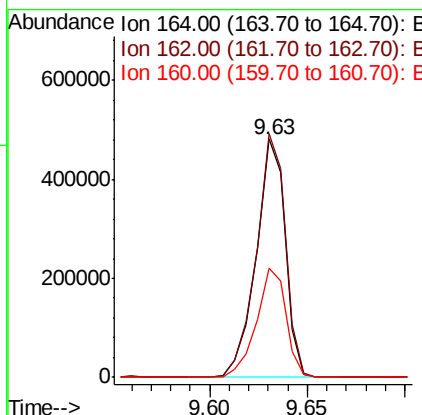
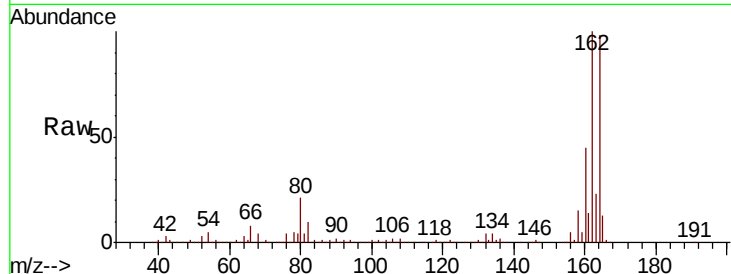
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.7	122.5
160	45.7	37.0	55.4

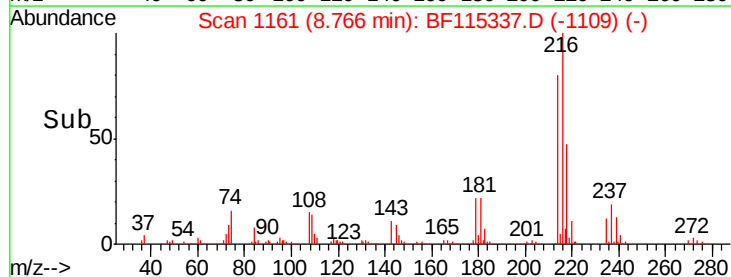
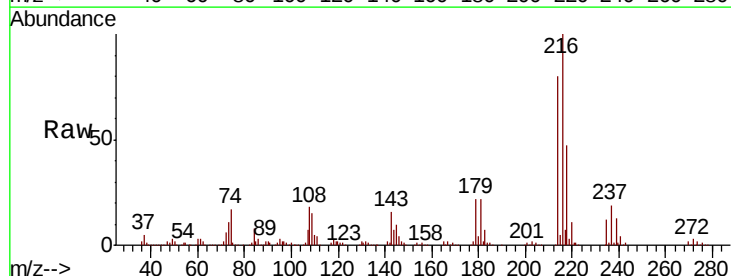
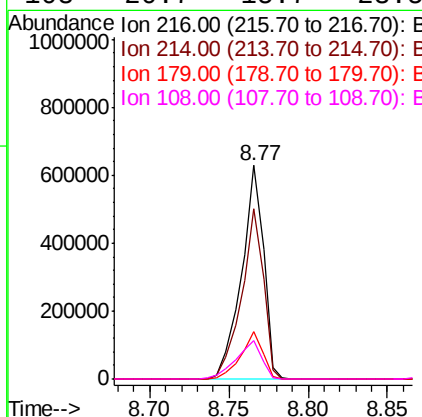
Manual Integrations
APPROVED

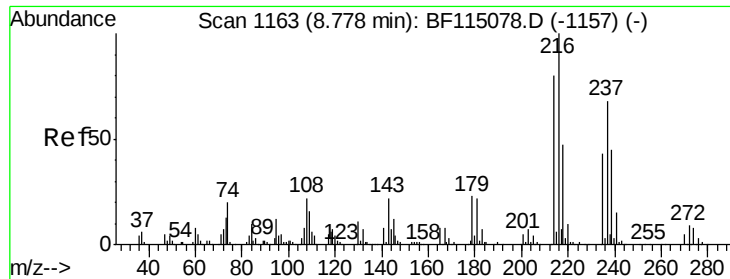
mohammad
7/2/2019 2:53:34 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.105 ng
RT: 8.77 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.6
179	21.9	17.6	26.4
108	20.7	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 81.065 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Instrument :

BNA_F

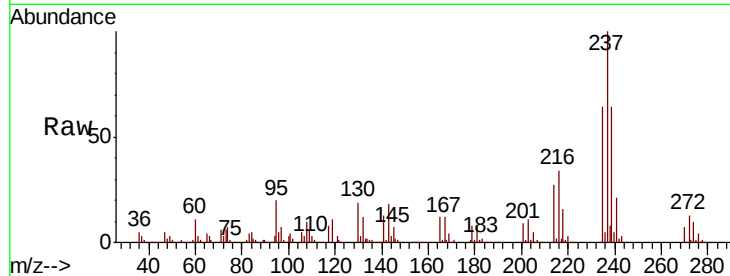
ClientSampleId :

OK-02-062719MS

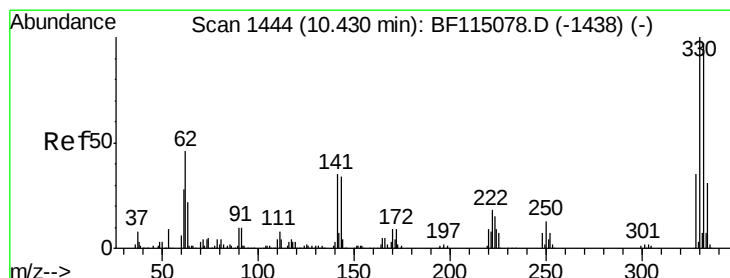
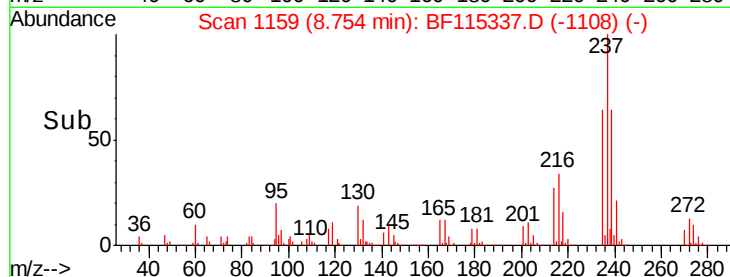
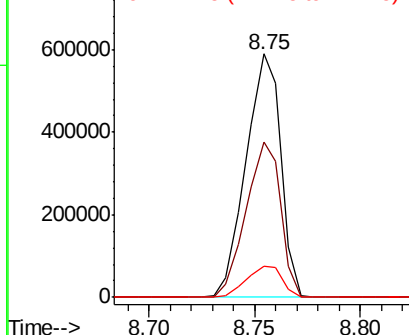
Tot Ion:	237	Resp:	673563
Ion Ratio	Lower	Upper	
237	100		
235	63.9	43.9	83.9
272	12.9	0.0	33.8

Manual Integrations
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7/2/2019 2:53:34 PM



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: 128.400 ng

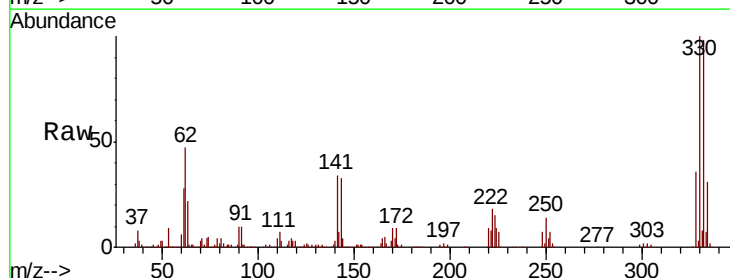
RT: 10.42 min Scan# 1442

Delta R.T. 0.01 min

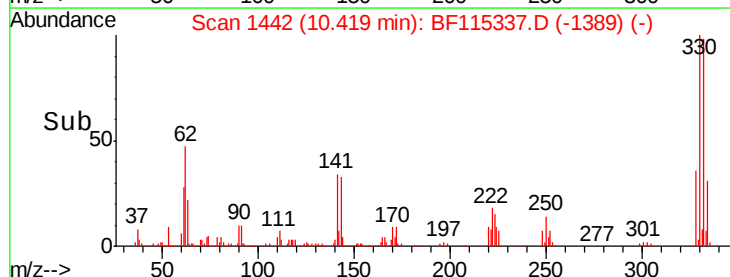
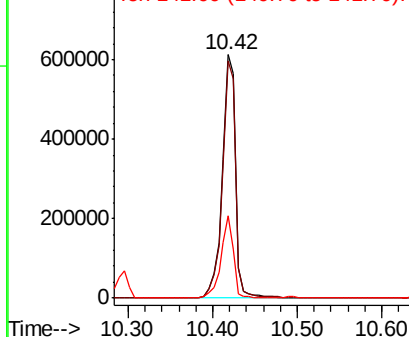
Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Tgt Ion:	330	Resp:	671429
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.3	115.9
141	31.8	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





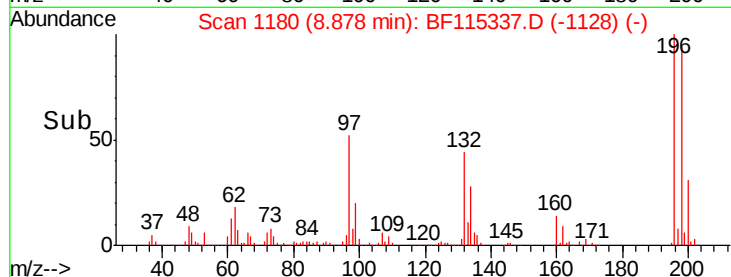
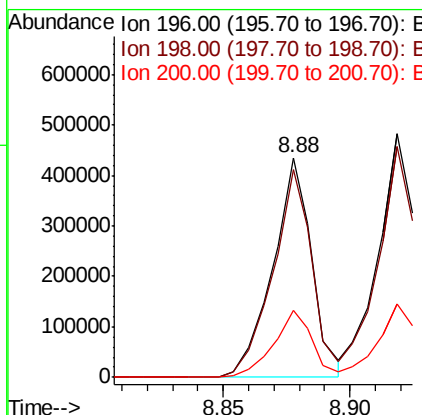
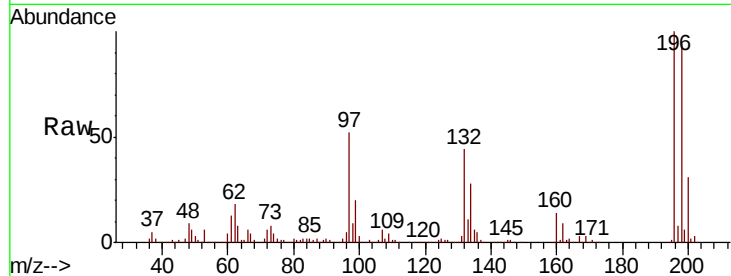
#43
 2,4,6-Trichlorophenol
 Concen: 43.241 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF115337.D
 Acq: 1 Jul 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062719MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	467792		
198	94.3	76.3	114.5	
200	30.6	24.2	36.4	

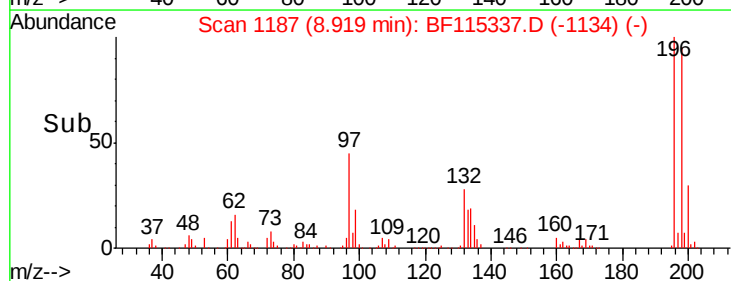
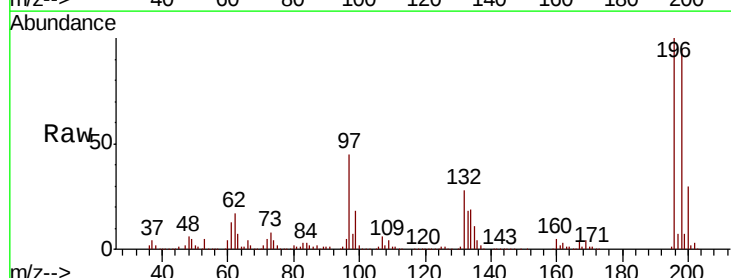
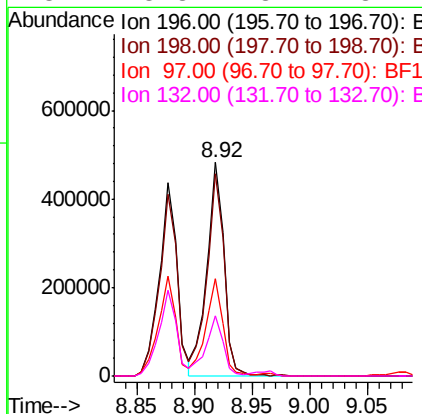
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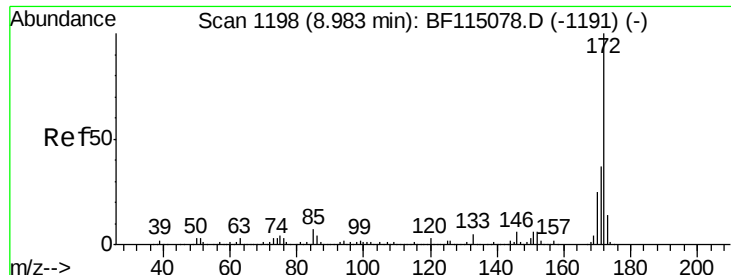
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.922 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF115337.D
 Acq: 1 Jul 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	500466		
198	94.9	77.1	115.7	
97	45.4	37.7	56.5	
132	28.3	23.1	34.7	





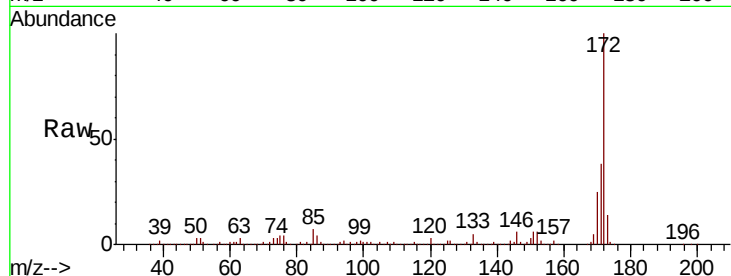
#45
2-Fluorobiphenyl
Concen: 94.452 ng
RT: 8.97 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.8	44.6
170	25.5	20.3	30.5

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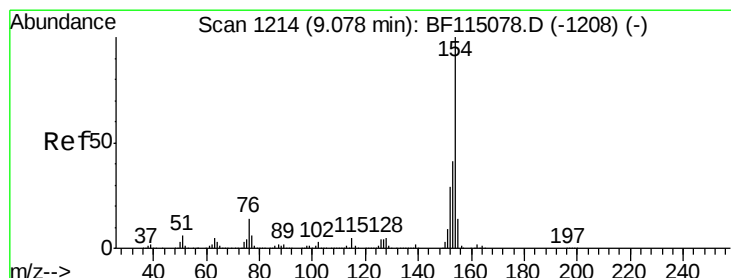
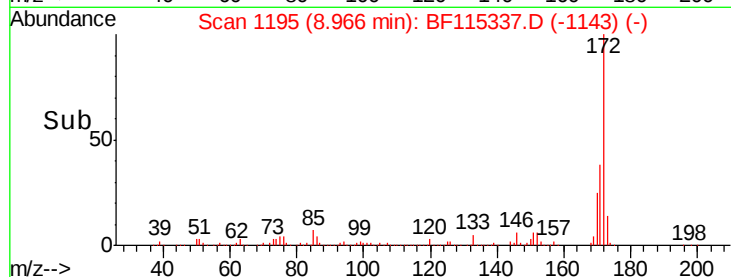
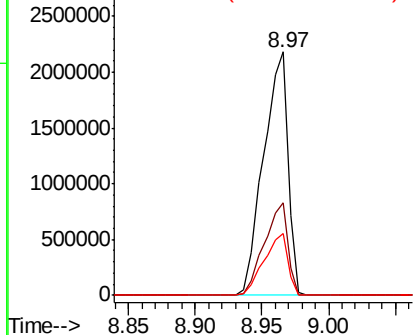


Abundance

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: 42.438 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

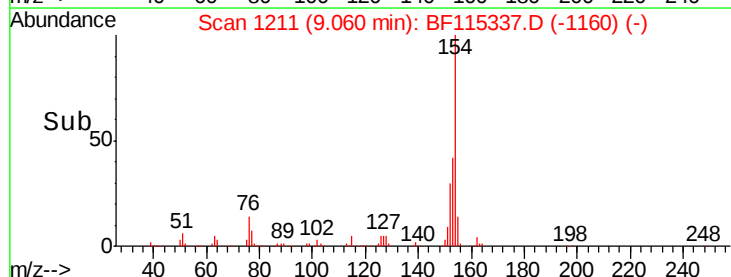
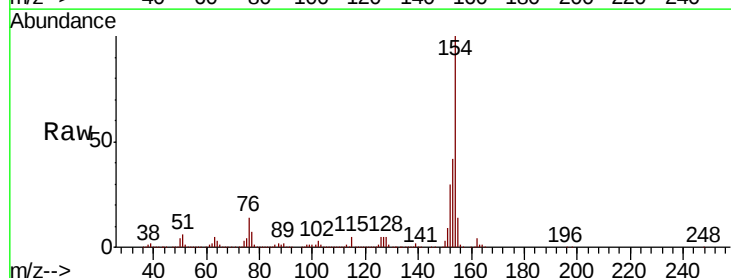
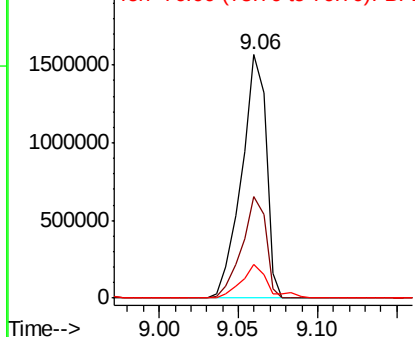
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	20.9	60.9
76	13.8	0.0	34.1

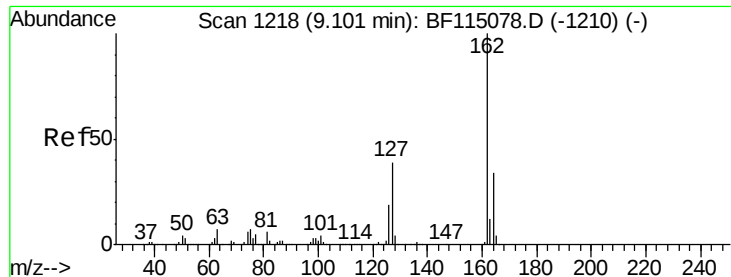
Abundance

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





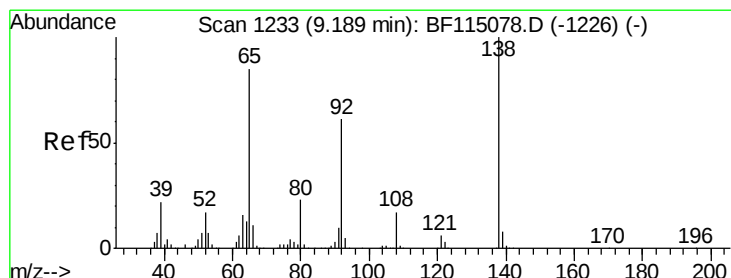
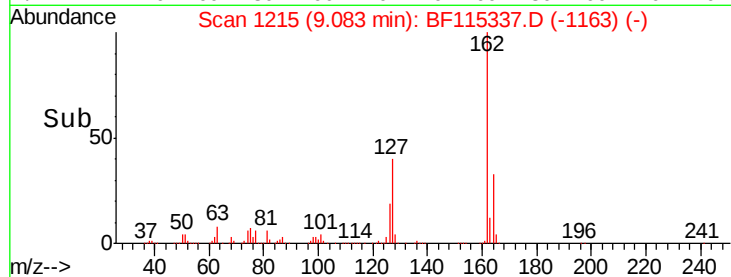
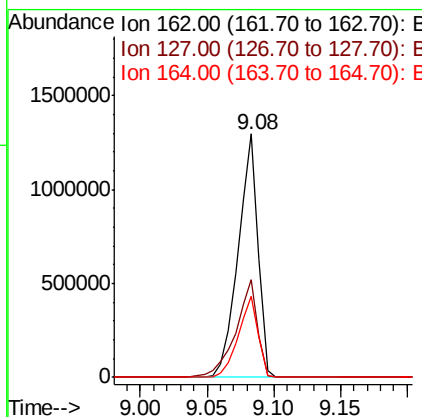
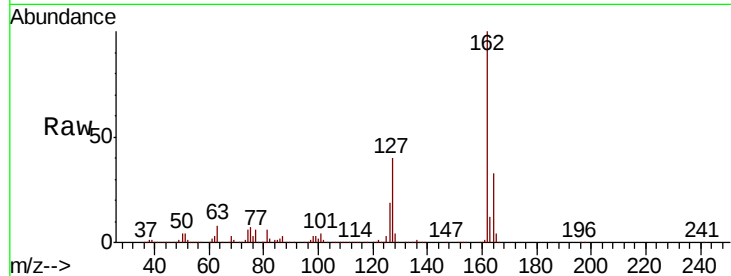
#47
 2-Chloronaphthalene
 Concen: 41.721 ng
 RT: 9.08 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF115337.D
 Acq: 1 Jul 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062719MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	30.8	46.2
164	33.4	27.0	40.4

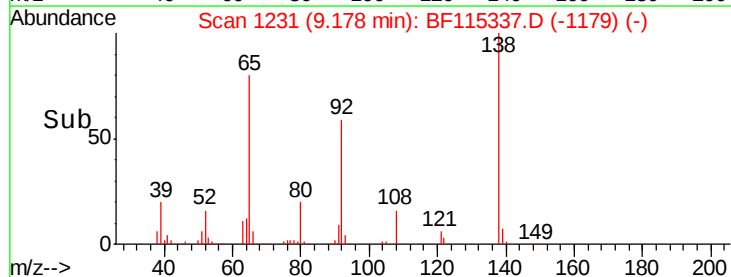
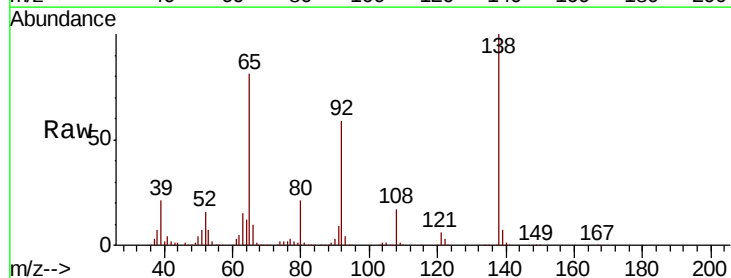
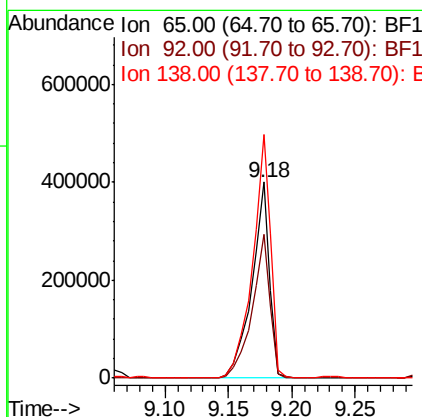
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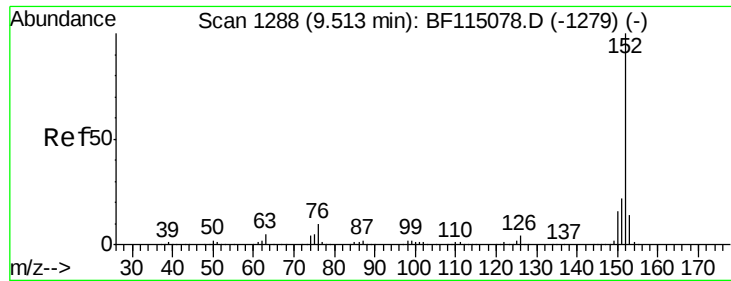
mohammad
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#48
 2-Nitroaniline
 Concen: 41.692 ng
 RT: 9.18 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: BF115337.D
 Acq: 1 Jul 2019 14:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.6	57.4	86.2
138	124.2	94.1	141.1





#49

Acenaphthylene

Concen: 41.911 ng

RT: 9.50 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Instrument :

BNA_F

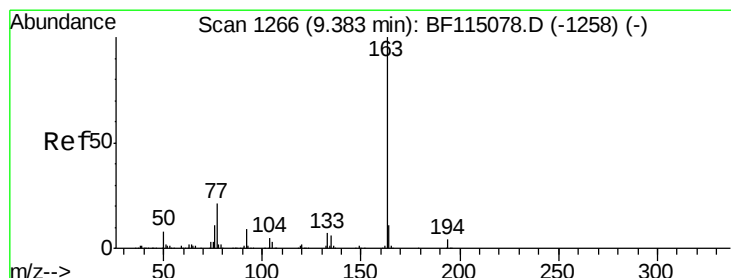
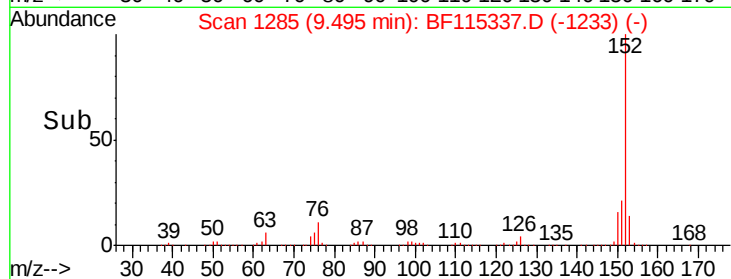
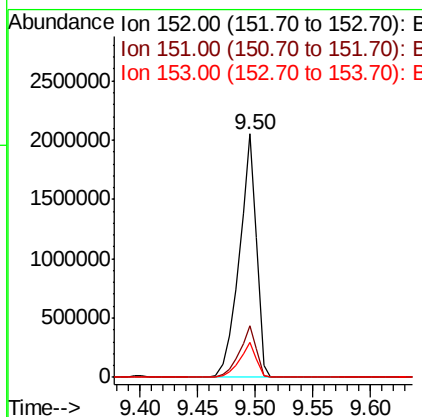
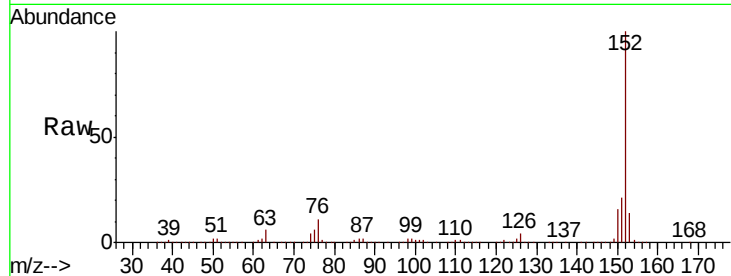
ClientSampleId :

OK-02-062719MS

Tot Ion:	152	Resp:	2101601
Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.2	25.8
153	14.4	11.0	16.6

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#50

Dimethylphthalate

Concen: 42.357 ng

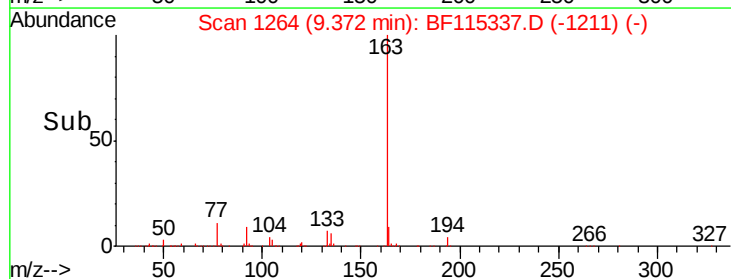
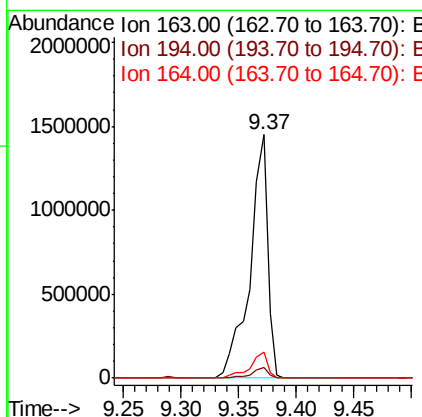
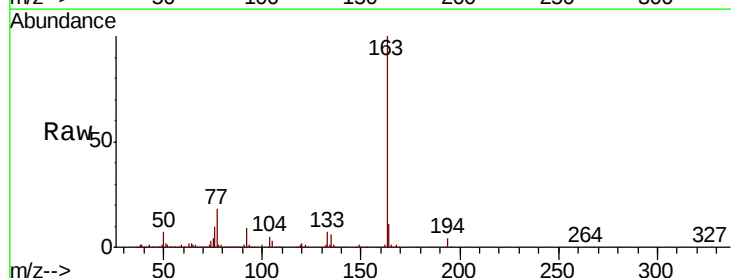
RT: 9.37 min Scan# 1264

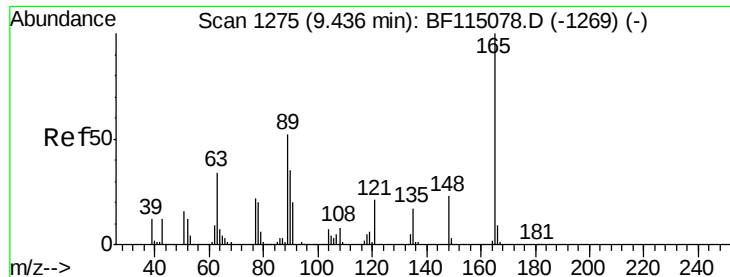
Delta R.T. 0.01 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Tgt Ion:	163	Resp:	1545292
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.5	8.6	13.0





#51

2,6-Dinitrotoluene

Concen: 43.695 ng

RT: 9.42 min Scan# 1273

Delta R.T. 0.01 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Instrument :

BNA_F

ClientSampleId :

OK-02-062719MS

Tot Ion:165 Resp: 368033
Ion Ratio Lower Upper

165 100

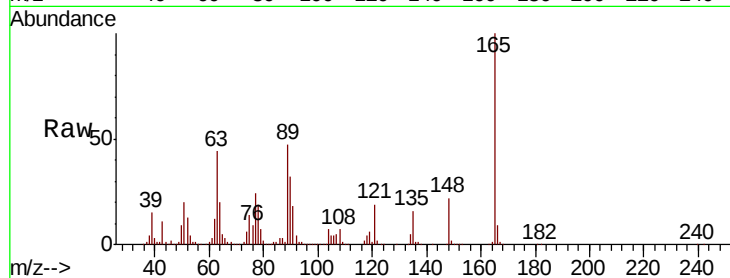
63 43.9 39.4 59.2

89 47.3 42.0 63.0

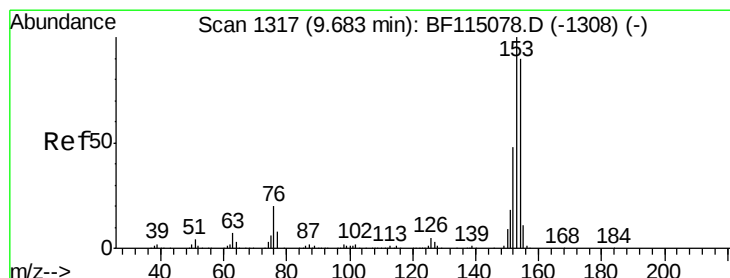
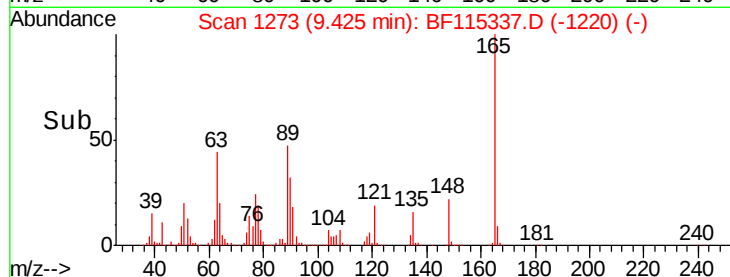
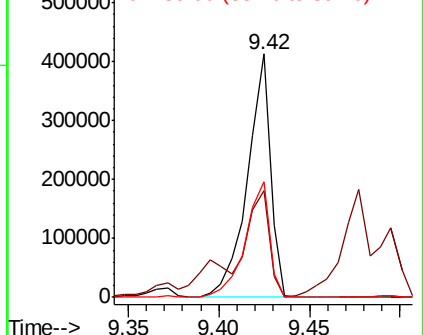
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.978 ng

RT: 9.67 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF115337.D

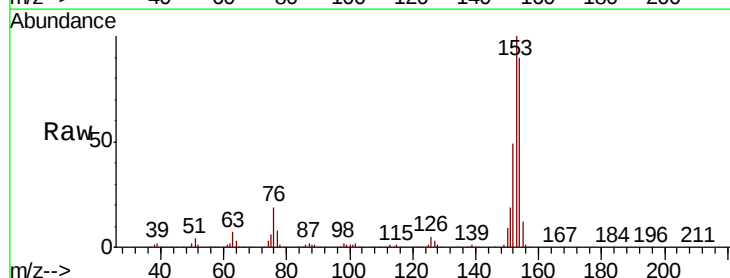
Acq: 1 Jul 2019 14:34

Tgt Ion:154 Resp: 1223041
Ion Ratio Lower Upper

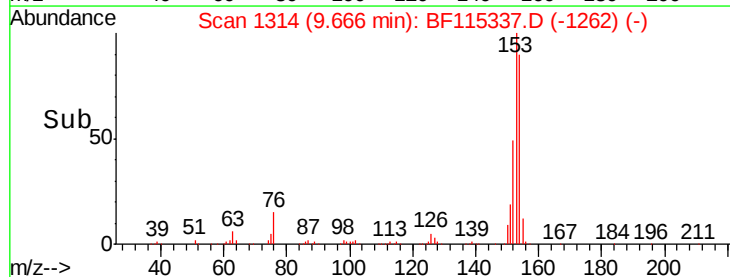
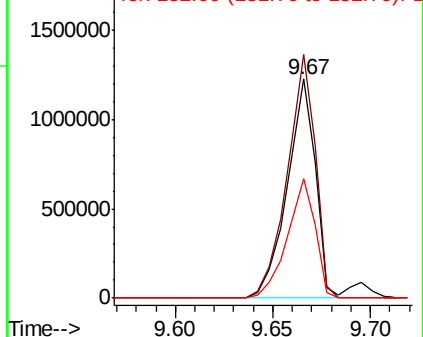
154 100

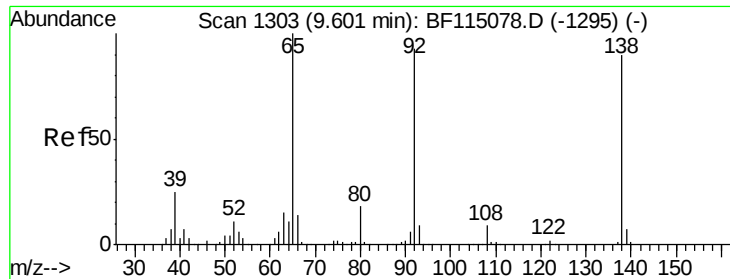
153 111.2 88.7 133.1

152 54.8 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





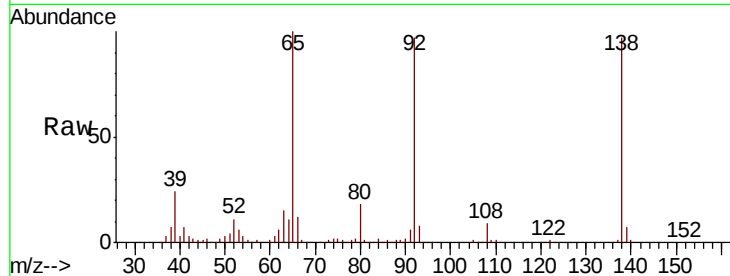
#53
3-Nitroaniline
Concen: 14.038 ng
RT: 9.58 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.8	11.6
92	99.7	82.9	124.3

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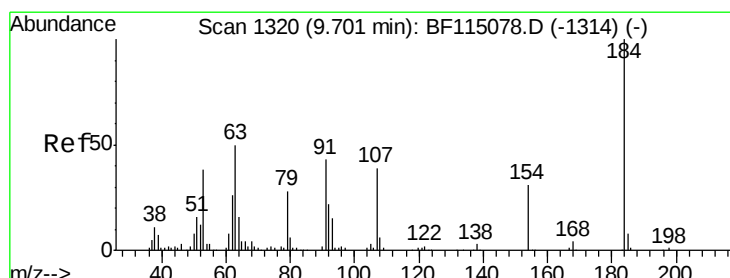
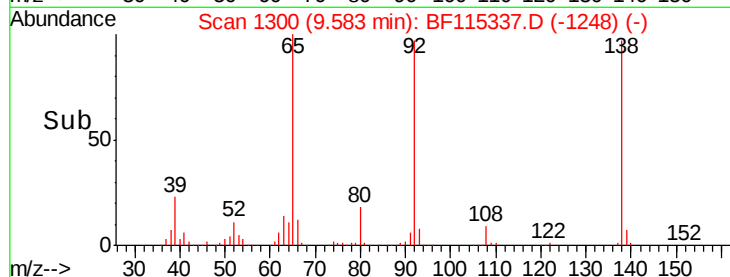
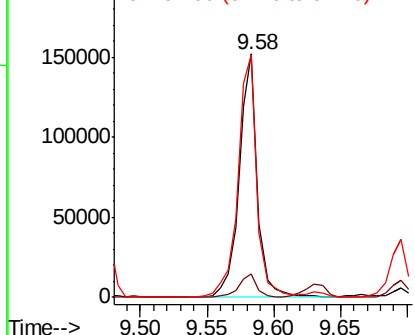


Abundance

Ion 138.00 (137.70 to 138.70): E

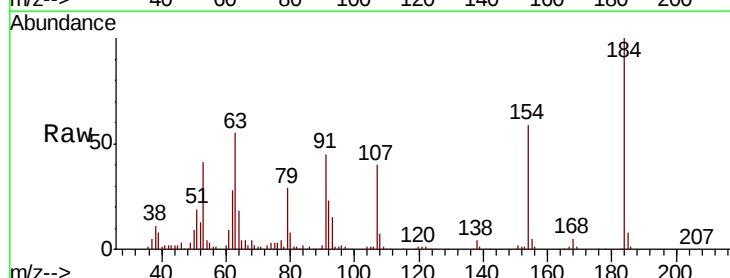
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 36.589 ng
RT: 9.70 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.1	41.9	62.9
154	58.7	44.7	67.1

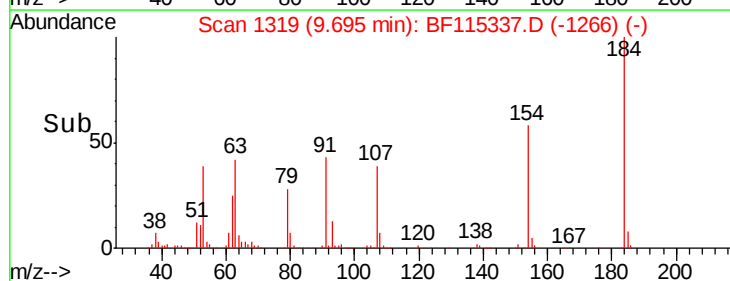
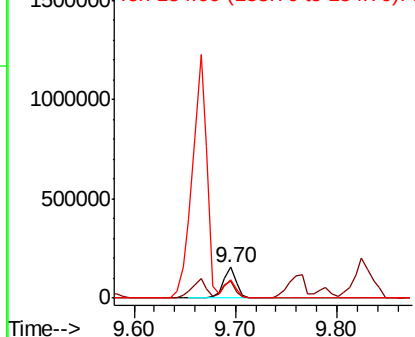


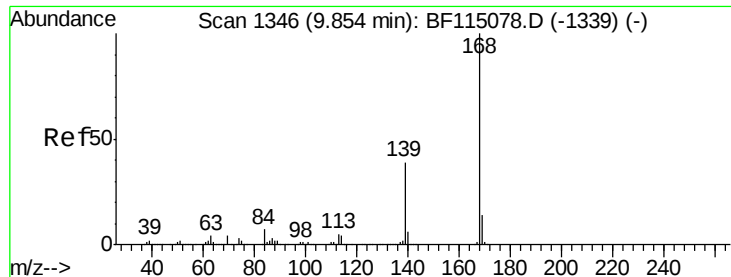
Abundance

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





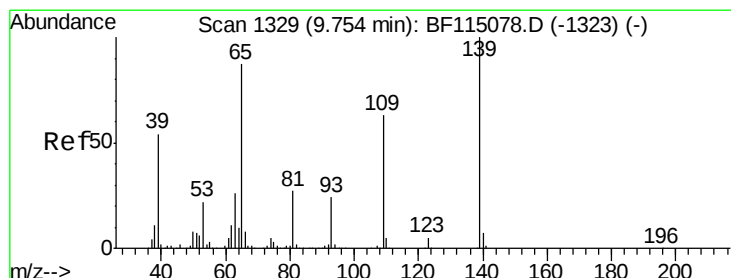
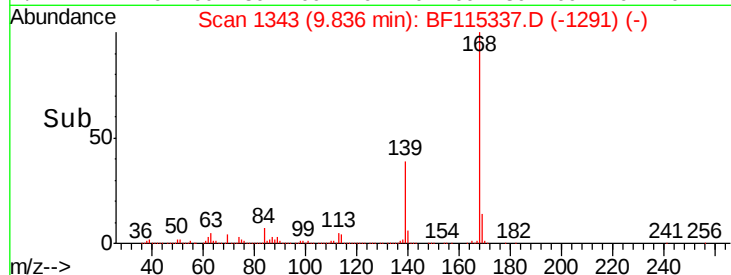
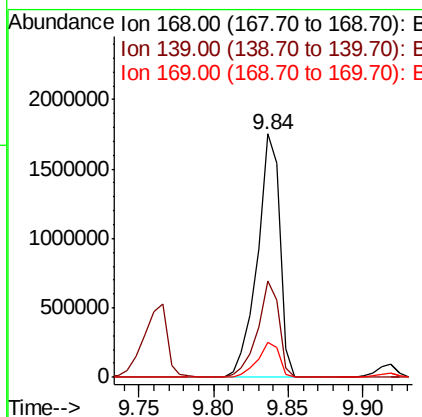
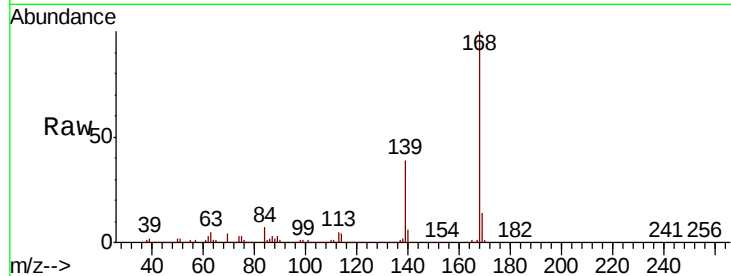
#55
Dibenzofuran
Concen: 40.058 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	31.1	46.7
169	14.4	11.3	16.9

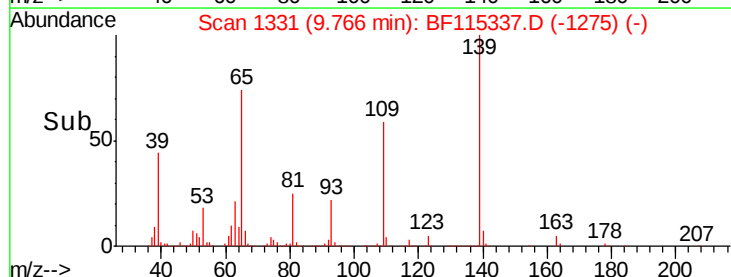
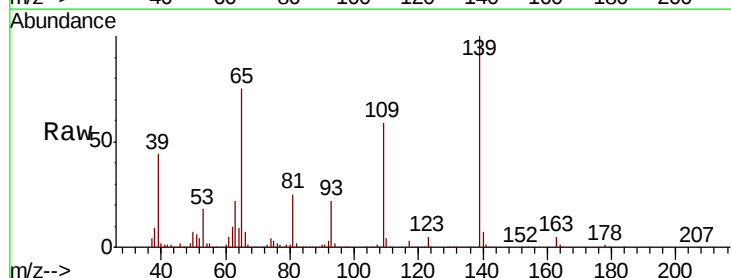
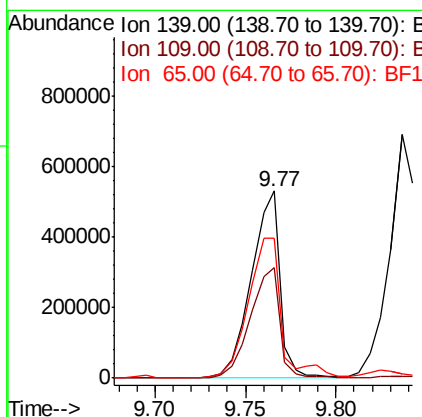
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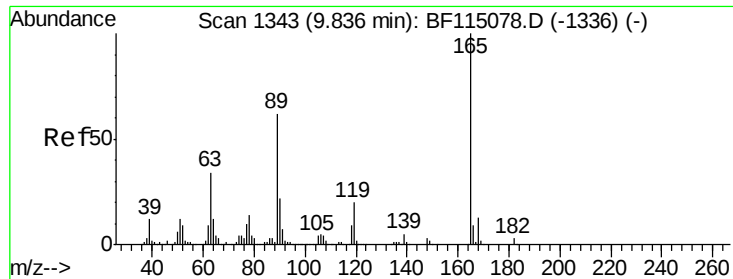
mohammad
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#56
4-Nitrophenol
Concen: 71.103 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.03 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.3	43.0	83.0
65	74.6	67.0	107.0





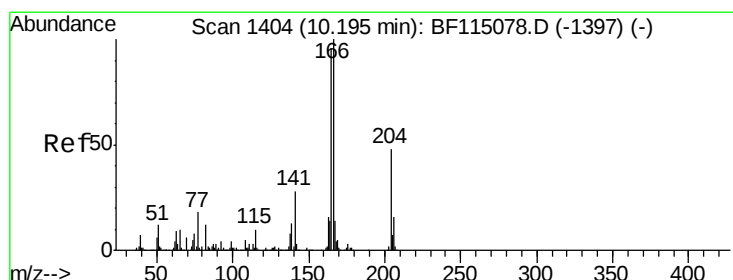
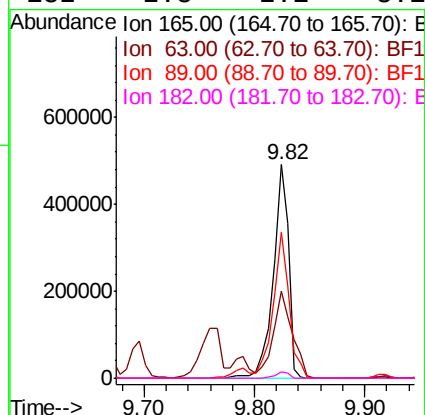
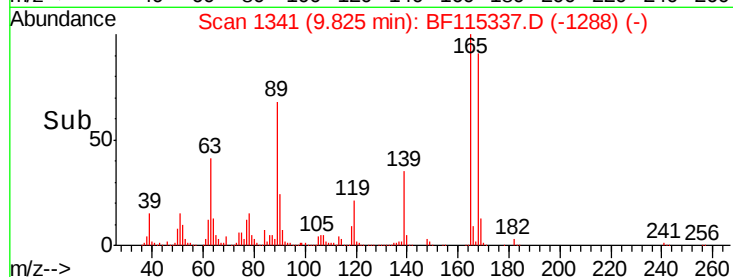
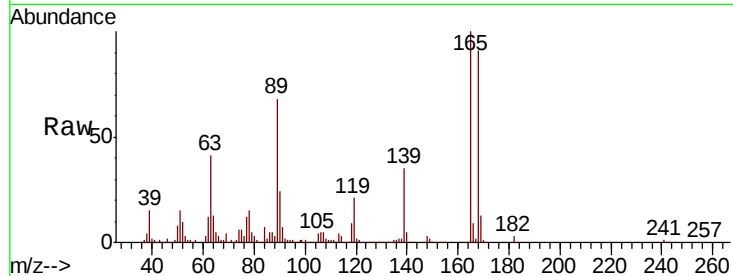
#57
2,4-Dinitrotoluene
Concen: 43.968 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		478175		
63	40.9	27.5	41.3		
89	68.4	49.9	74.9		
182	2.8	2.1	3.1		

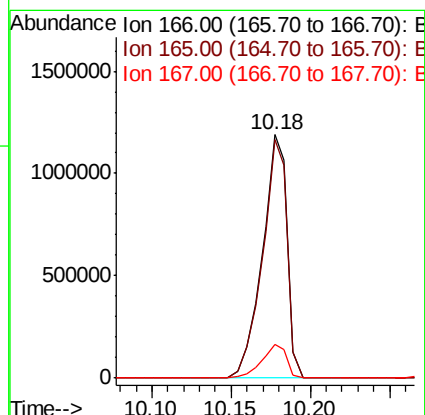
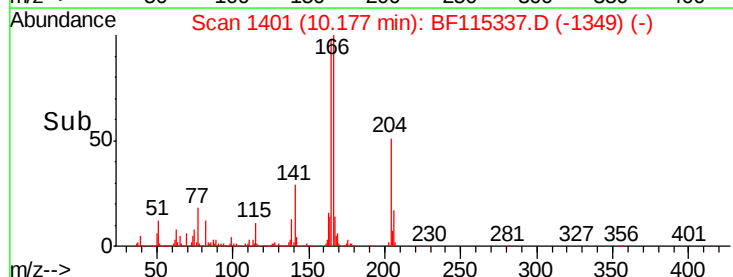
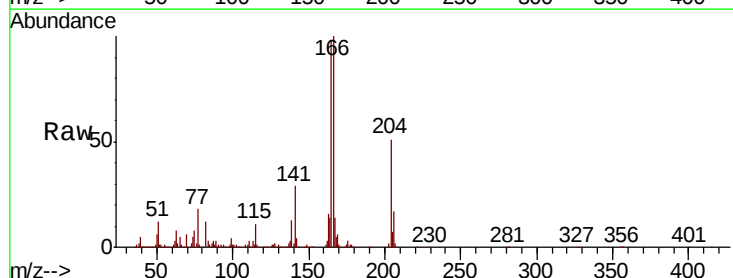
Manual Integrations
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#58
Fluorene
Concen: 43.094 ng
RT: 10.18 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1300509		
165	98.2	76.5	114.7		
167	13.9	11.0	16.4		





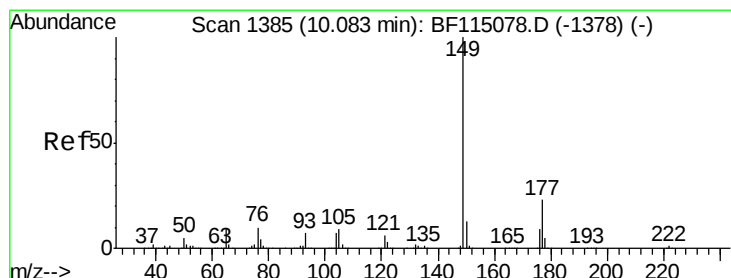
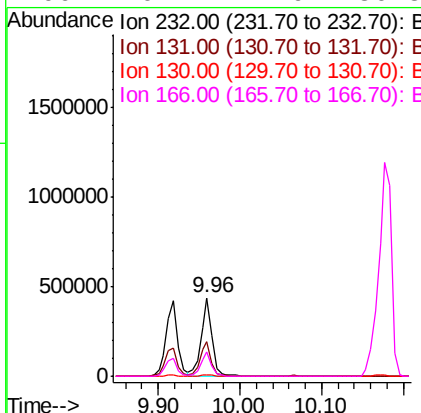
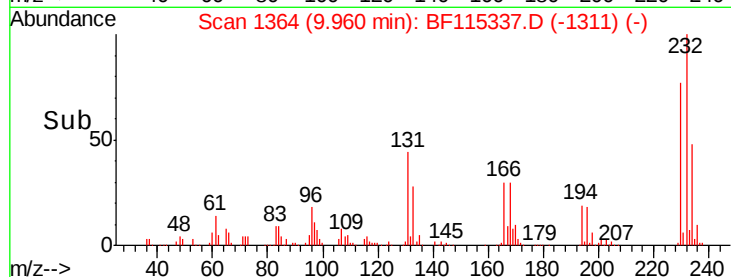
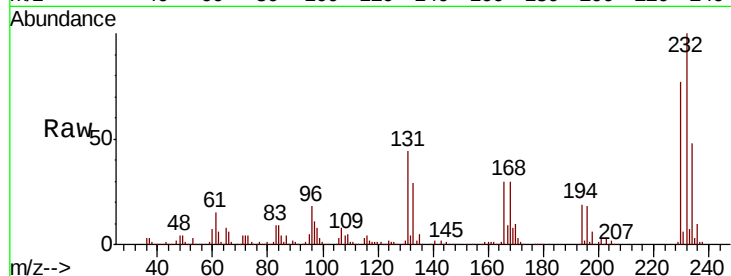
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.976 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: BF115337.D
 Acq: 1 Jul 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062719MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		410811		
131	44.9	37.4	56.0		
130	2.2	1.8	2.6		
166	29.2	24.6	36.8		

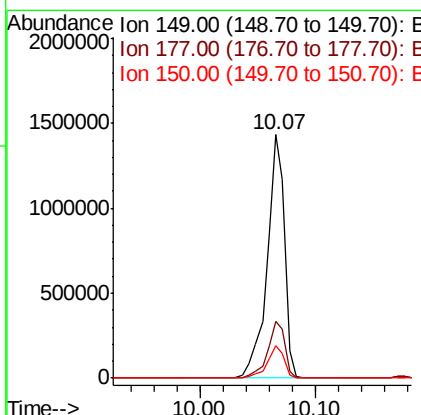
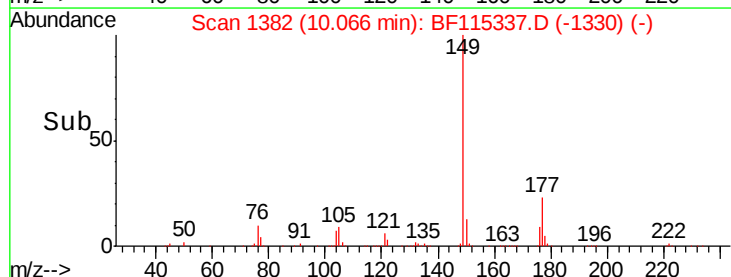
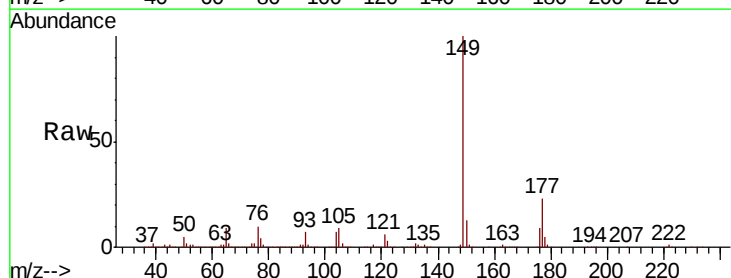
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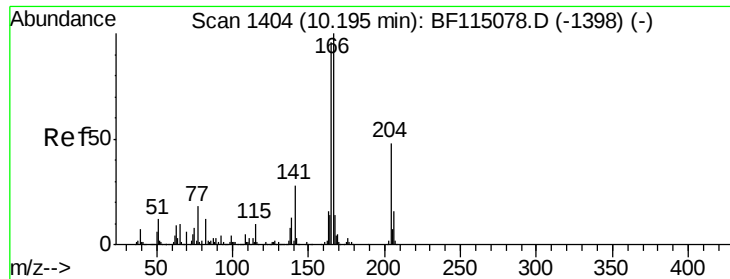
mohammad
 7/2/2019 2:53:34 PM



#60
 Diethylphthalate
 Concen: 41.108 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF115337.D
 Acq: 1 Jul 2019 14:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1507542		
177	23.2	18.7	28.1		
150	13.1	10.4	15.6		





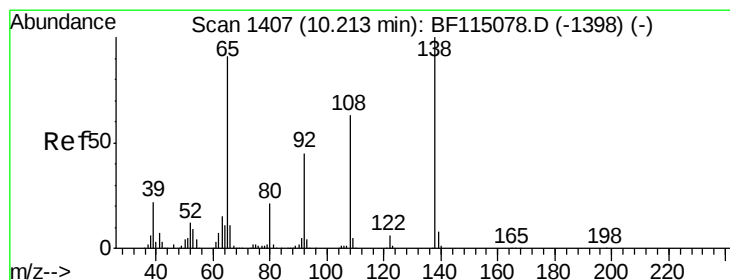
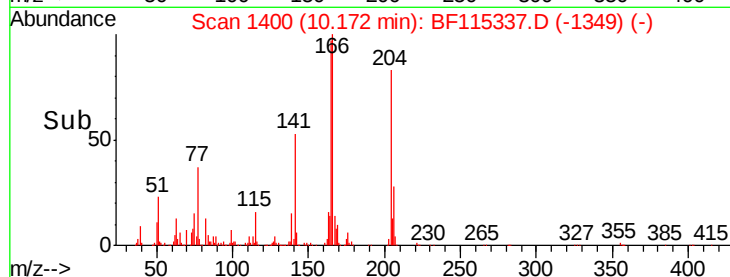
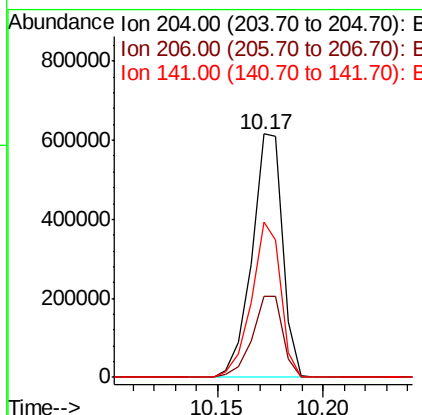
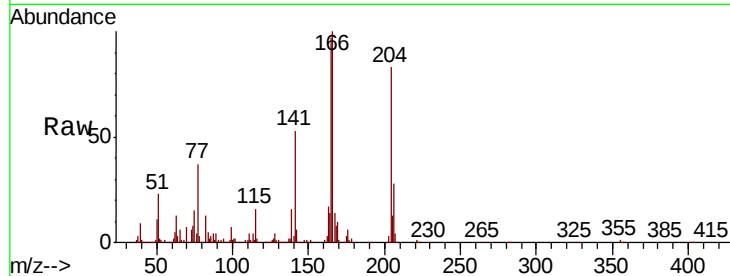
#61
4-Chlorophenyl-phenylether
Concen: 43.556 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	40.0
141	63.6	46.7	70.1

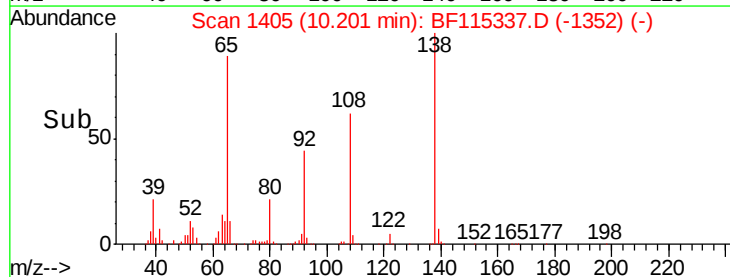
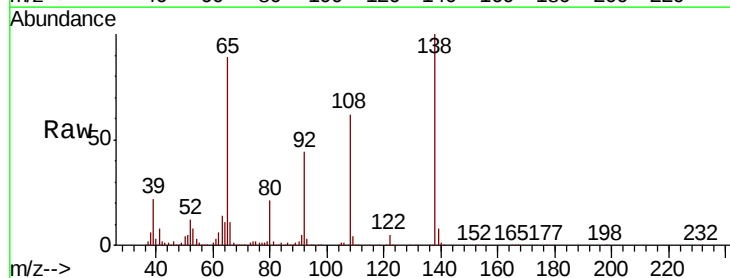
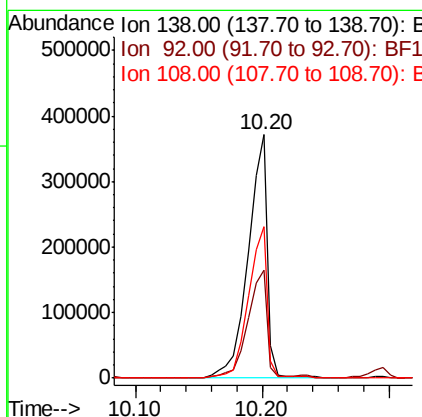
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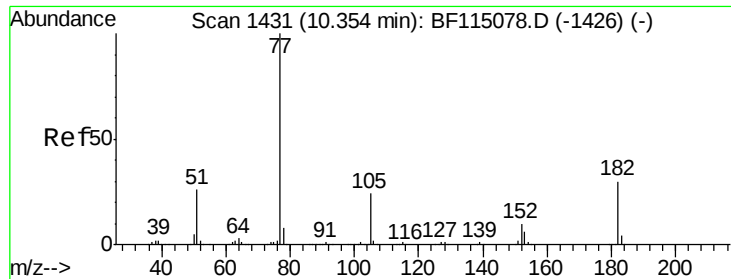
mohammad
7/2/2019 2:53:34 PM



#62
4-Nitroaniline
Concen: 37.887 ng
RT: 10.20 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.4	24.8	64.8
108	62.0	43.3	83.3





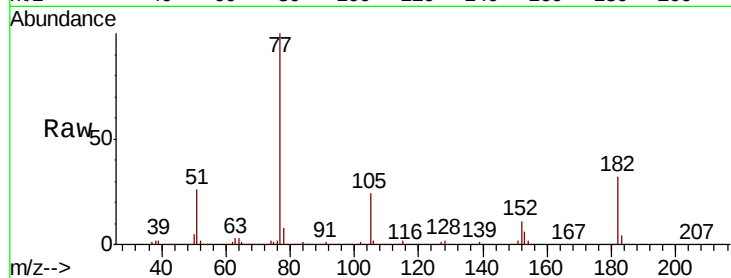
#63
Azobenzene
Concen: 40.105 ng
RT: 10.34 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.6	10.1	50.1	
105	24.1	4.5	44.5	
51	26.2	6.4	46.4	

Manual Integrations
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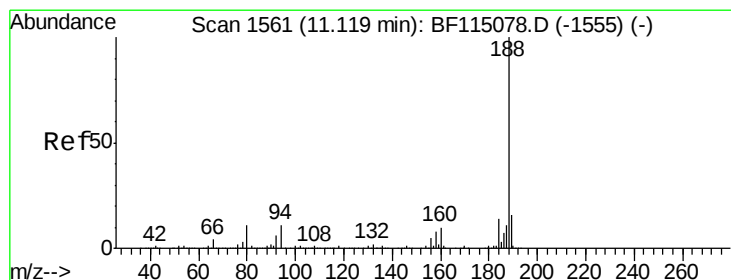
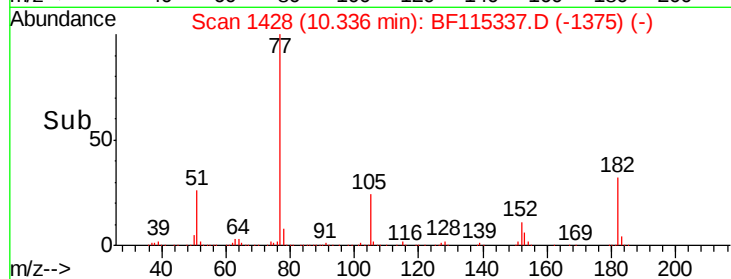
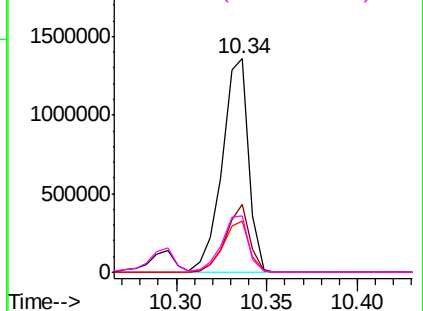
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

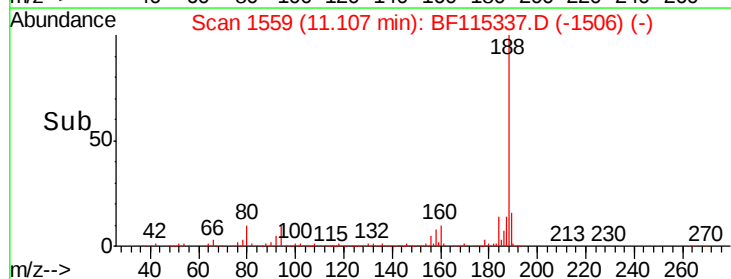
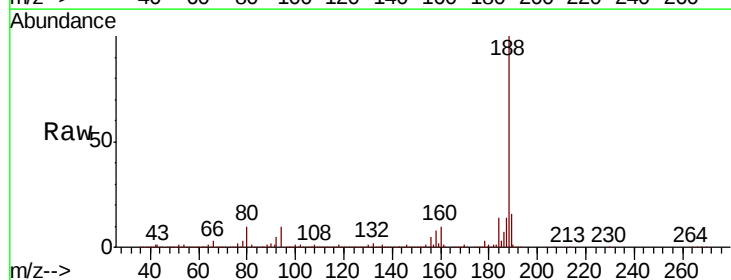
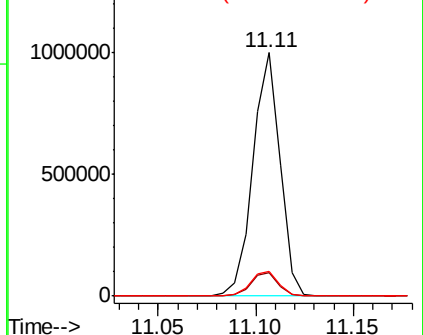
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	8.6	12.8	
80	10.1	8.8	13.2	

Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 31.437 ng

RT: 10.23 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Instrument :

BNA_F

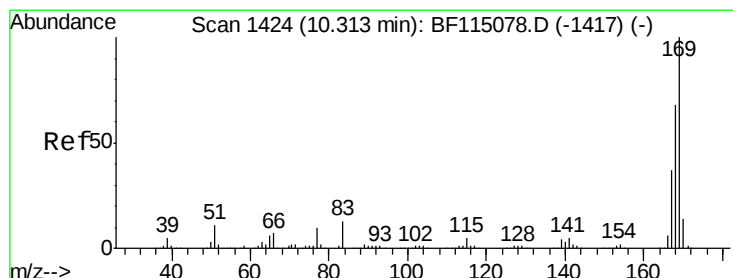
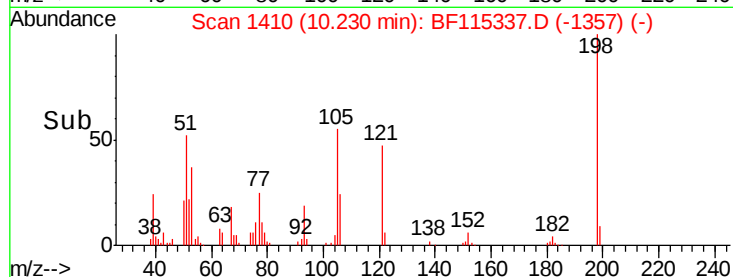
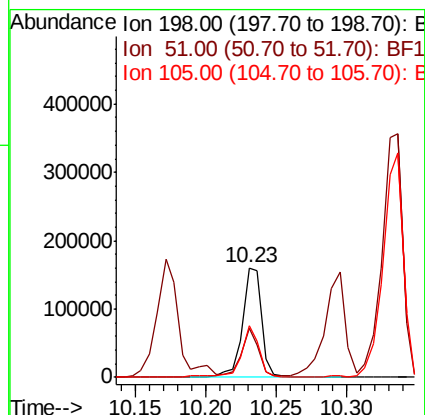
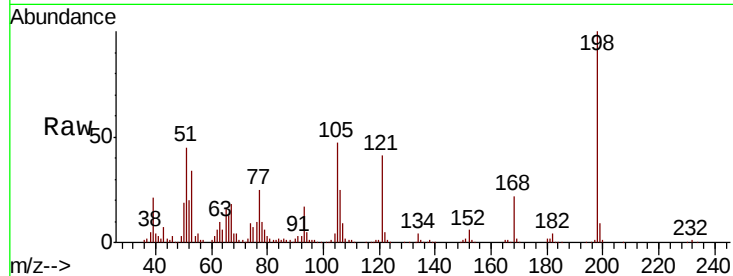
ClientSampleId :

OK-02-062719MS

Tot Ion:	198	Resp:	151451
Ion Ratio	Lower	Upper	
198	100		
51	44.9	11.0	51.0
105	47.1	17.3	57.3

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#66

n-Nitrosodiphenylamine

Concen: 42.310 ng

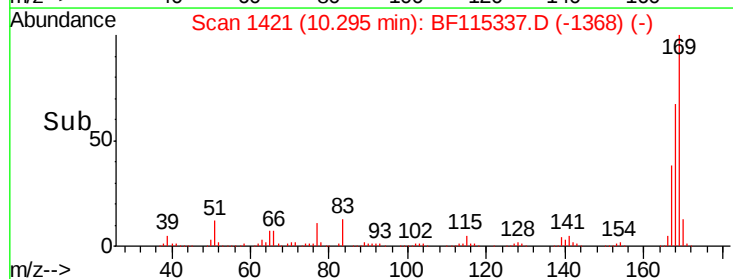
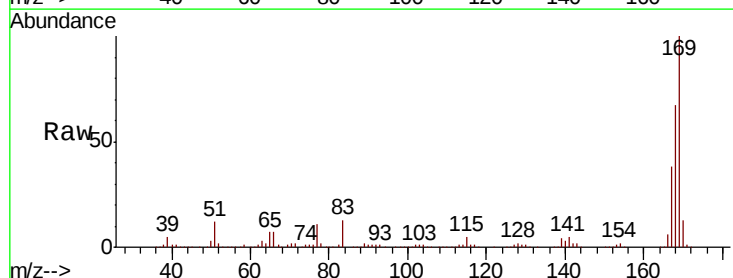
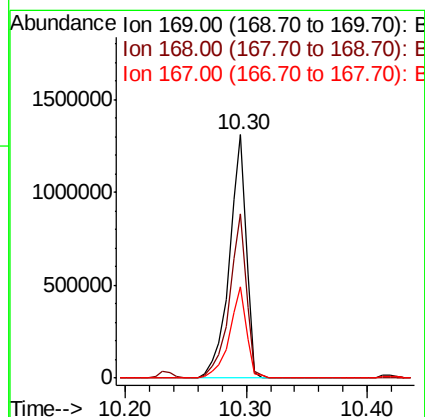
RT: 10.30 min Scan# 1421

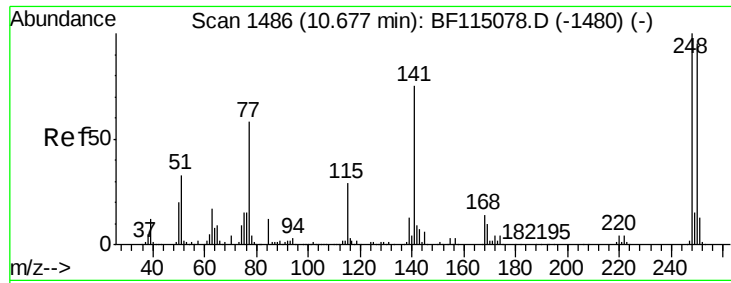
Delta R.T. 0.01 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Tgt Ion:	169	Resp:	1270622
Ion Ratio	Lower	Upper	
169	100		
168	67.3	54.2	81.4
167	37.7	29.4	44.0





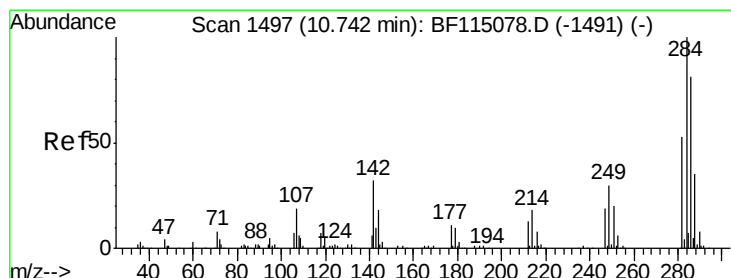
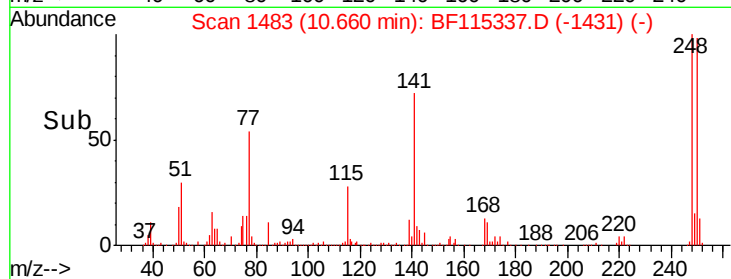
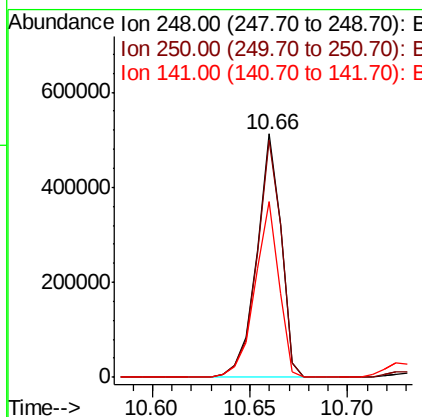
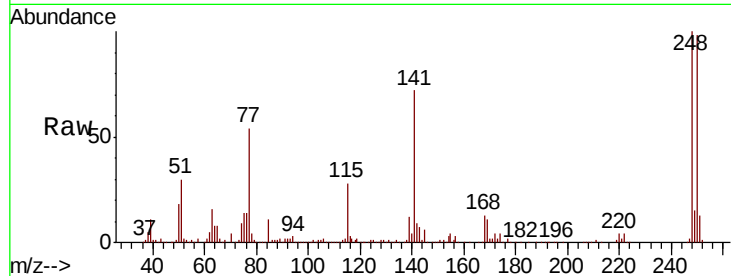
#67
4-Bromophenyl-phenylether
Concen: 42.182 ng
RT: 10.66 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.2	114.2
141	72.4	59.6	89.4

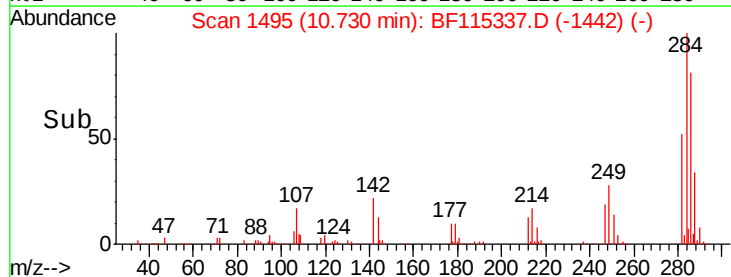
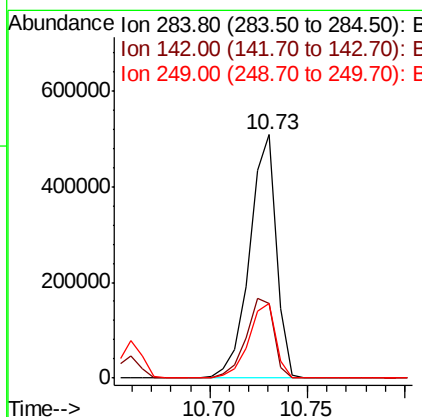
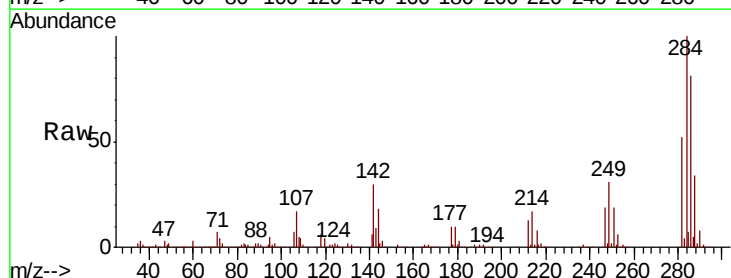
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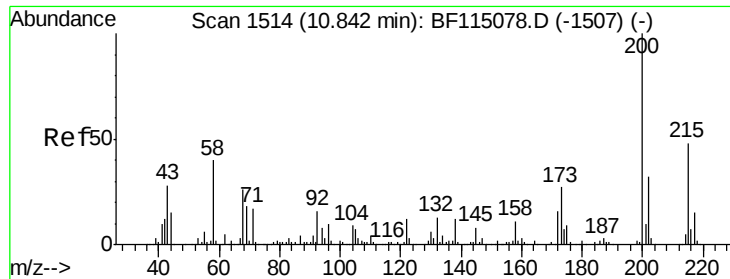
mohammad
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#68
Hexachlorobenzene
Concen: 42.530 ng
RT: 10.73 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	25.8	38.8
249	30.6	24.2	36.4





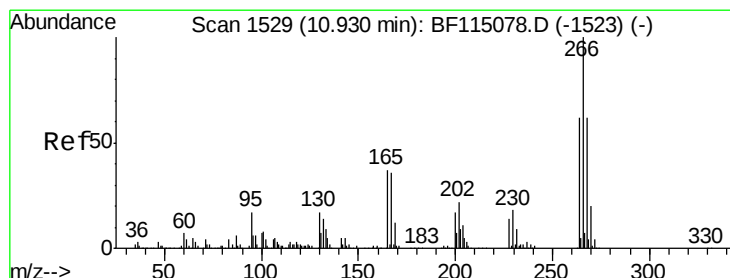
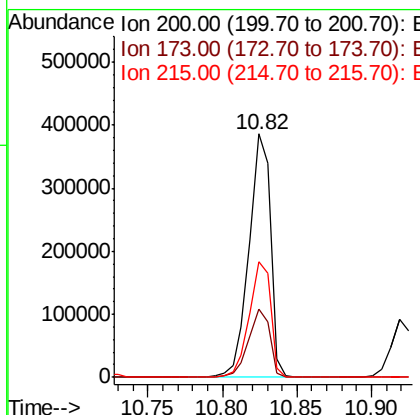
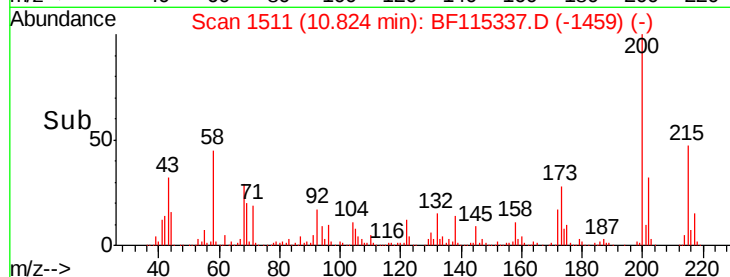
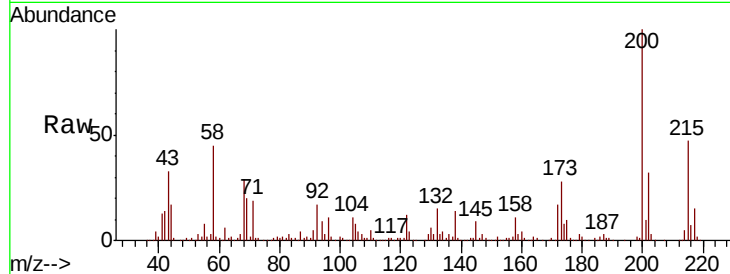
#69
Atrazine
Concen: 39.703 ng
RT: 10.82 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	383555		
173	28.2	7.4	47.4	
215	47.5	27.8	67.8	

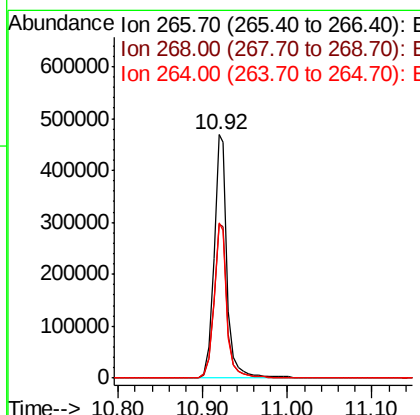
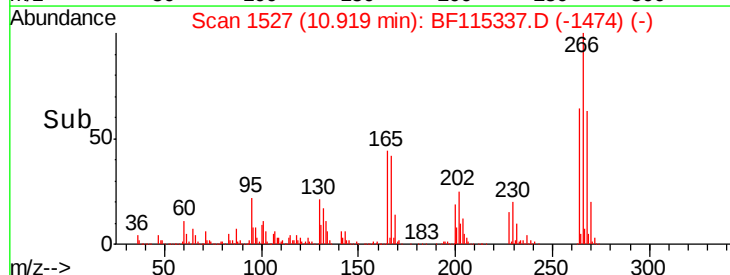
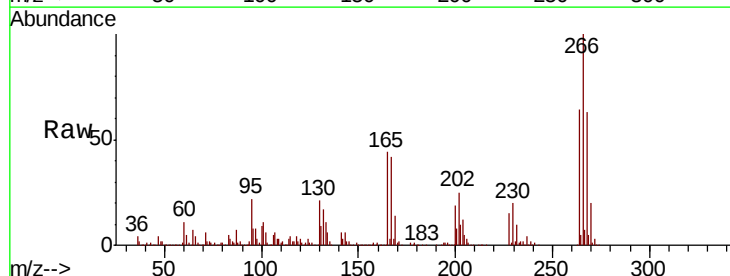
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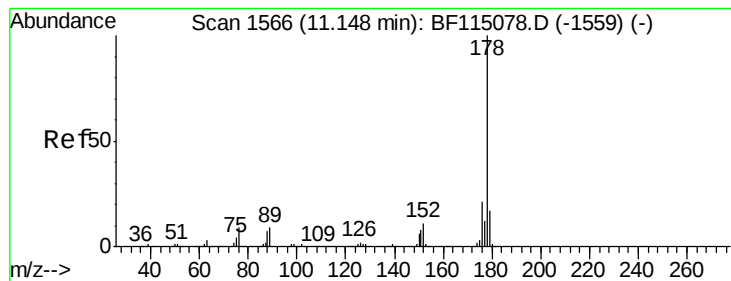
mohammad
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#70
Pentachlorophenol
Concen: 72.231 ng
RT: 10.92 min Scan# 1527
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	522008		
268	63.5	49.5	74.3	
264	63.6	49.3	73.9	





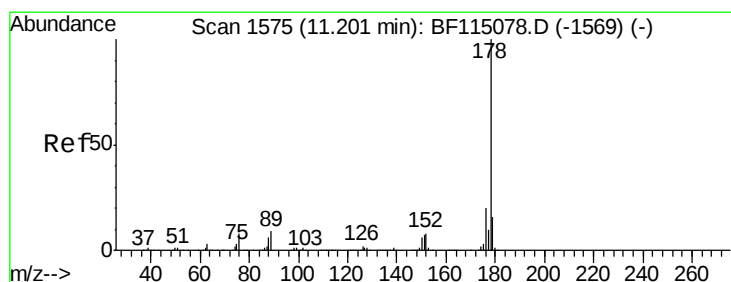
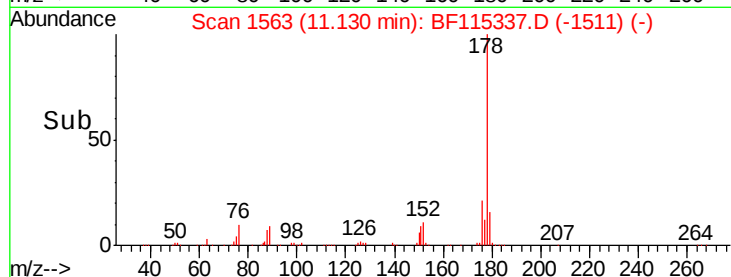
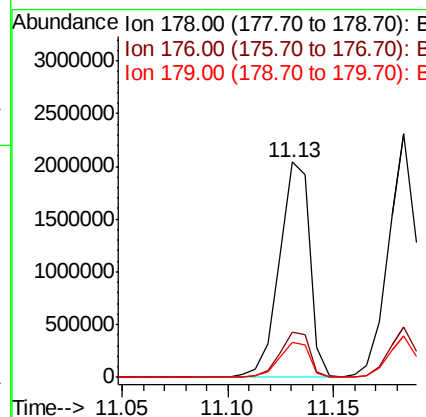
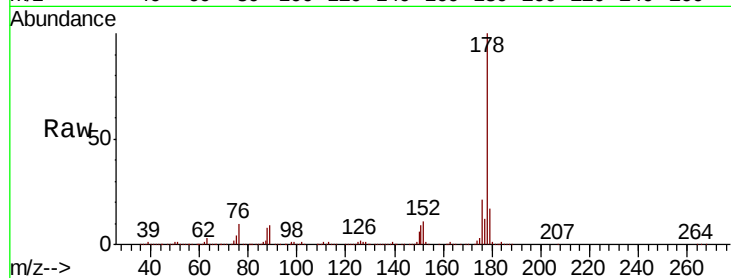
#71
Phenanthrene
Concen: 39.553 ng
RT: 11.13 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Tot Ion:178 Resp: 2052772
Ion Ratio Lower Upper
178 100
176 21.1 16.9 25.3
179 16.5 13.2 19.8

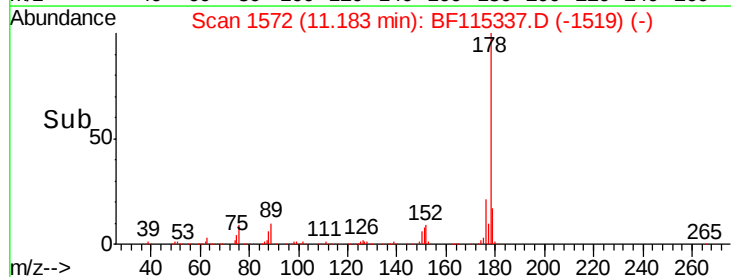
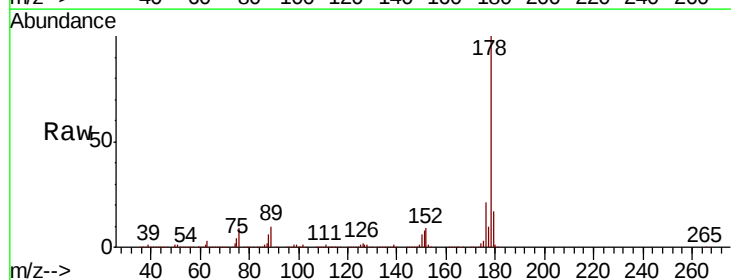
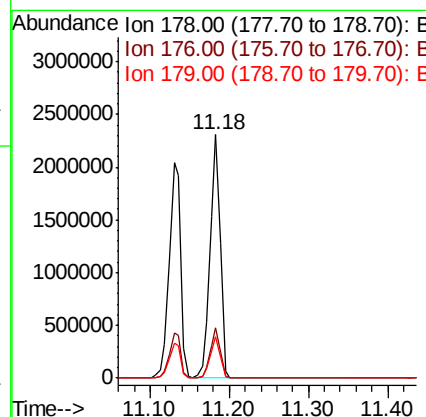
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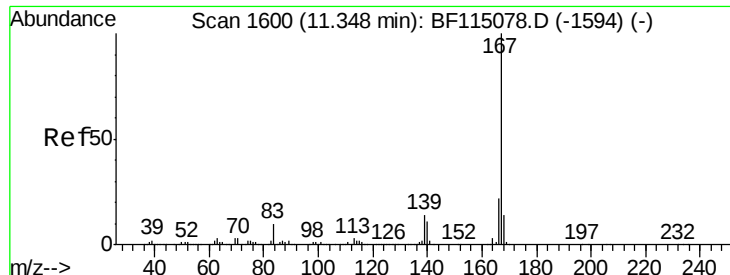
mohammad
7/2/2019 2:53:34 PM



#72
Anthracene
Concen: 39.614 ng
RT: 11.18 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Tgt Ion:178 Resp: 2075322
Ion Ratio Lower Upper
178 100
176 20.7 16.1 24.1
179 17.0 12.9 19.3





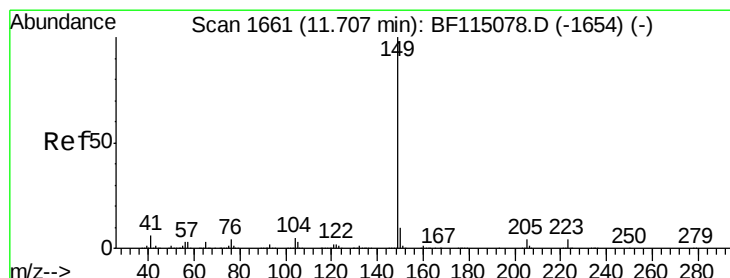
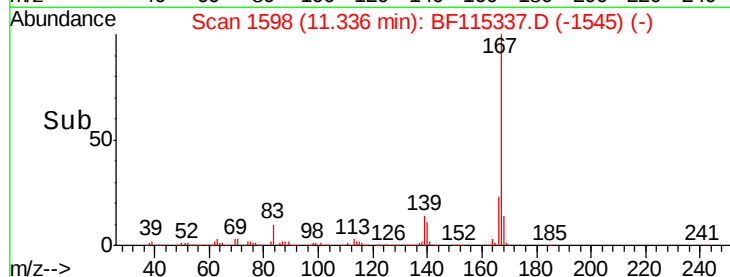
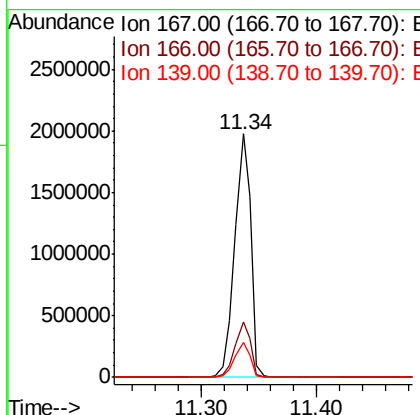
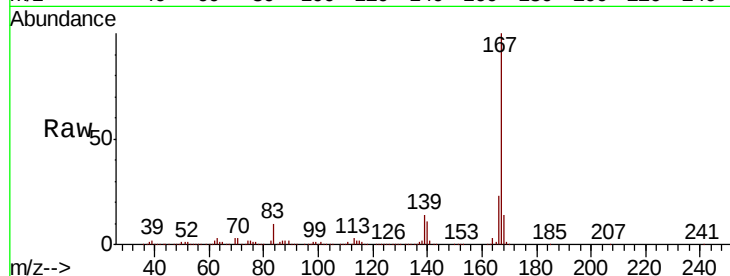
#73
 Carbazole
 Concen: 40.665 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF115337.D
 Acq: 1 Jul 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062719MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.0	27.0
139	14.4	11.1	16.7

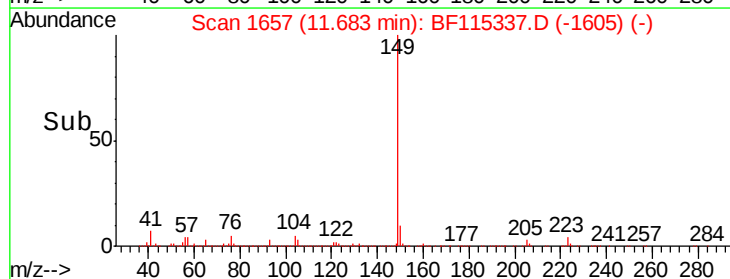
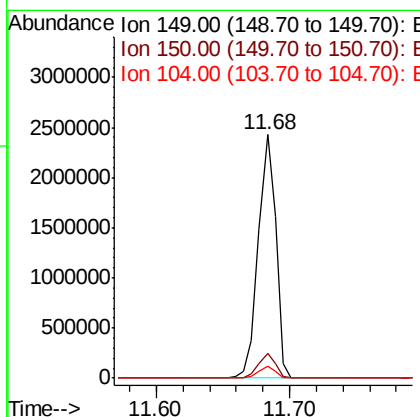
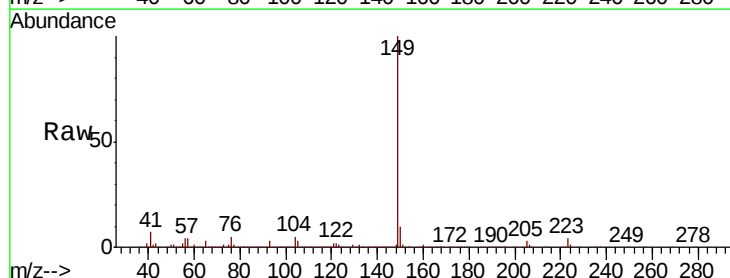
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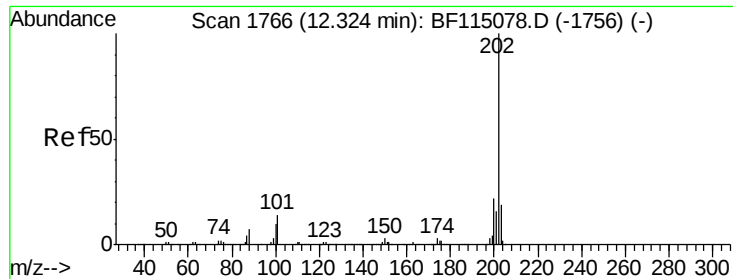
mohammad
 7/2/2019 2:53:34 PM



#74
 Di-n-butylphthalate
 Concen: 40.127 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. 0.01 min
 Lab File: BF115337.D
 Acq: 1 Jul 2019 14:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.8	11.8
104	5.0	3.7	5.5





#75

Fluoranthene

Concen: 40.324 ng

RT: 12.31 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Instrument :

BNA_F

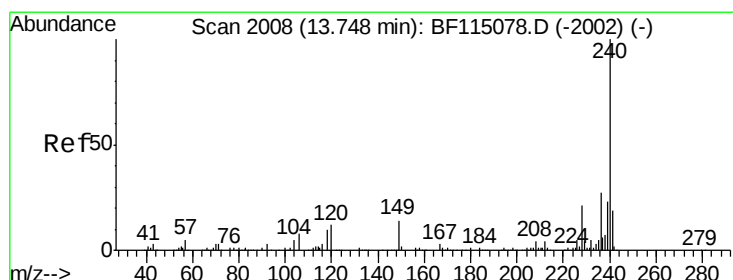
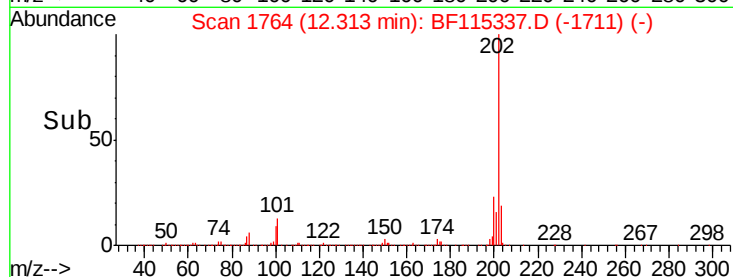
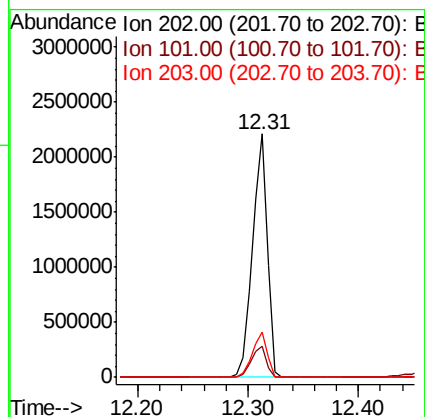
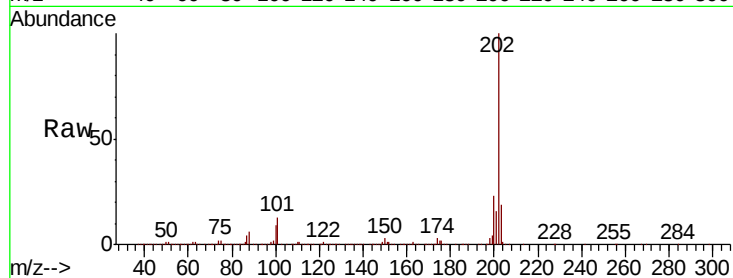
ClientSampleId :

OK-02-062719MS

Tot Ion:	202	Resp:	2088081
Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.0
203	18.6	0.0	38.8

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

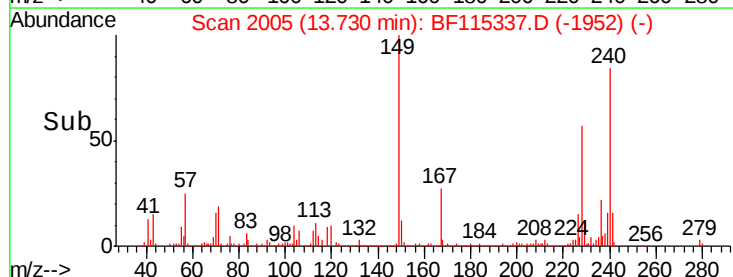
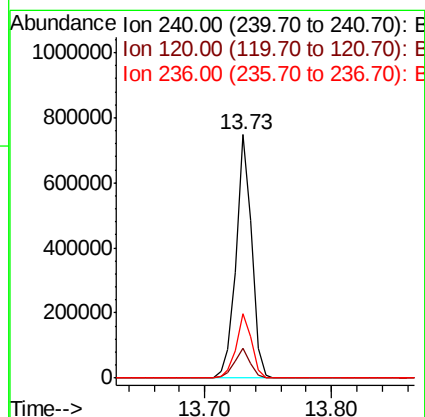
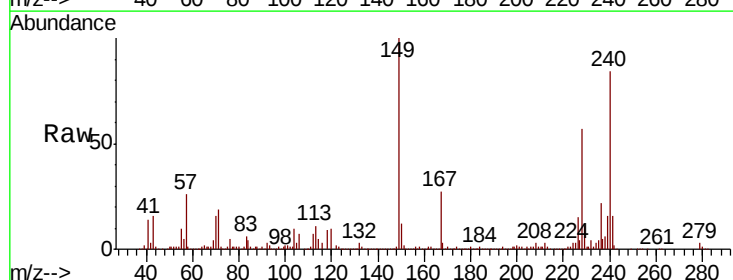
RT: 13.73 min Scan# 2005

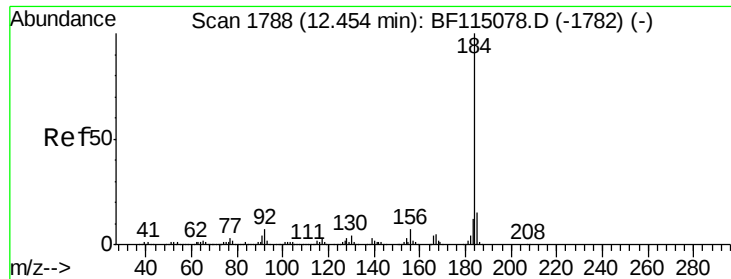
Delta R.T. 0.01 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Tgt Ion:	240	Resp:	628311
Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.4	14.2
236	26.7	21.7	32.5





#77

Benzidine

Concen: 19.968 ng

RT: 12.43 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Instrument :

BNA_F

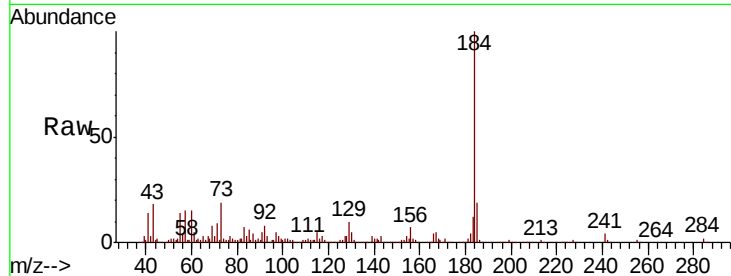
ClientSampleId :

OK-02-062719MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	18.6	12.2	18.2#
183	11.6	9.6	14.4

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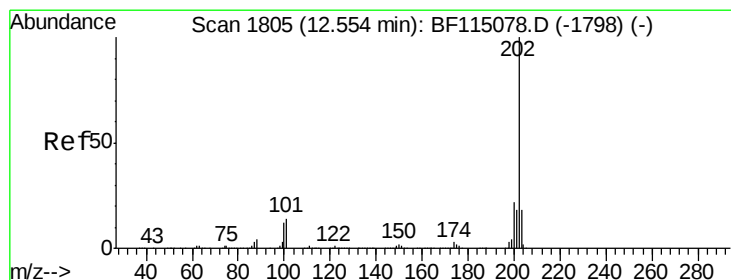
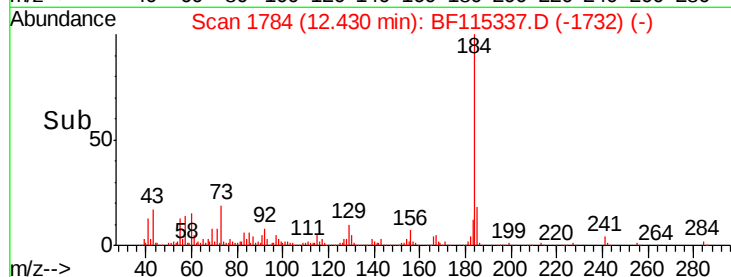
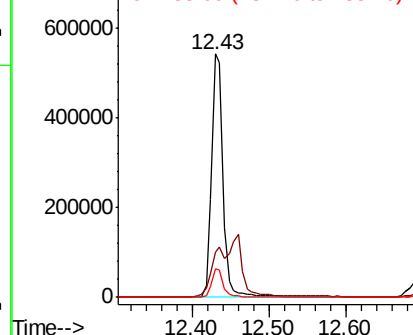


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.126 ng

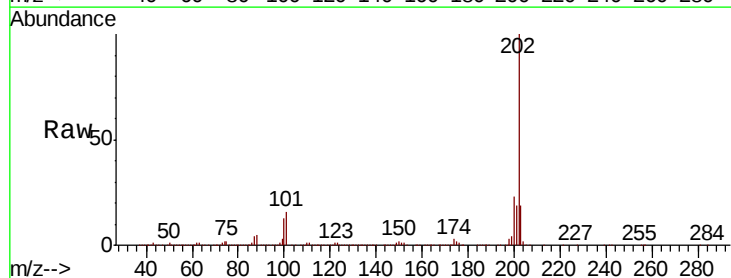
RT: 12.54 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.9	26.9
203	18.7	14.6	21.8

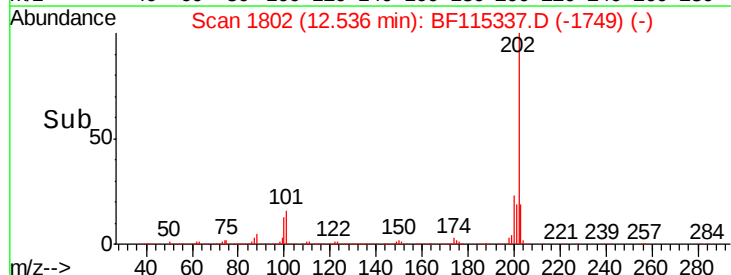
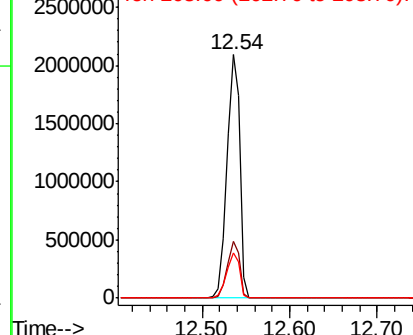


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





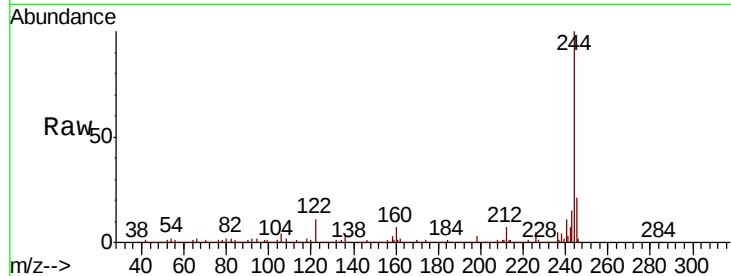
#79
 Terphenyl-d14
 Concen: 93.445 ng
 RT: 12.69 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: BF115337.D
 Acq: 1 Jul 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062719MS

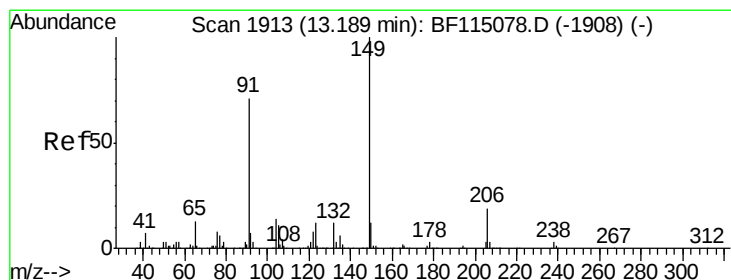
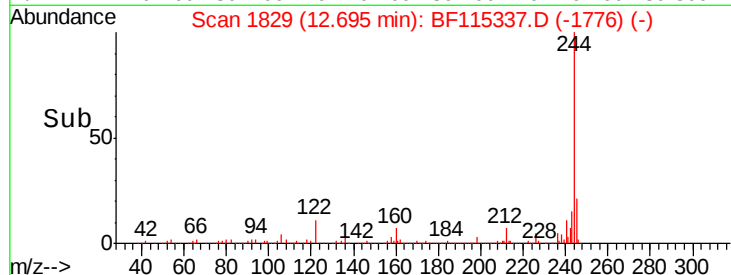
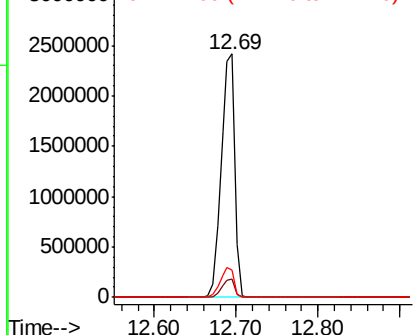
Tot Ion:244 Resp: 2761432
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 11.2 10.4 15.6

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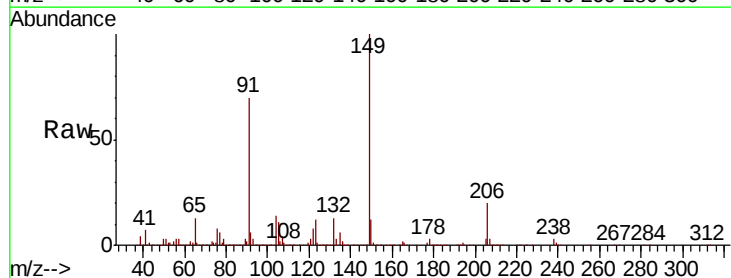


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

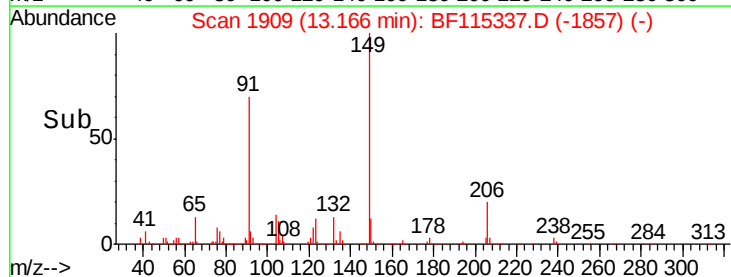
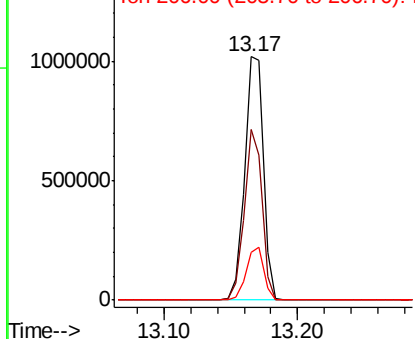


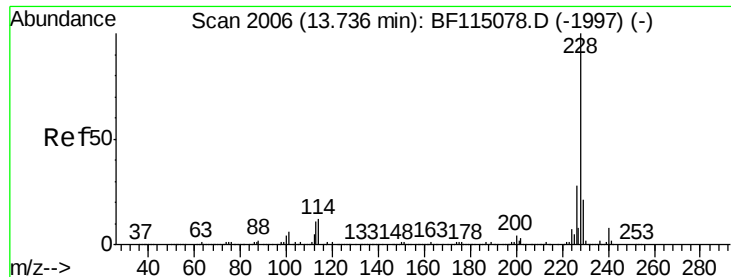
#80
 Butylbenzylphthalate
 Concen: 45.953 ng
 RT: 13.17 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: BF115337.D
 Acq: 1 Jul 2019 14:34

Tgt Ion:149 Resp: 979221
 Ion Ratio Lower Upper
 149 100
 91 69.9 56.5 84.7
 206 19.6 15.3 22.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.661 ng

RT: 13.72 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Instrument :

BNA_F

ClientSampleId :

OK-02-062719MS

Tot Ion:228 Resp: 1923312

Ion Ratio Lower Upper

228 100

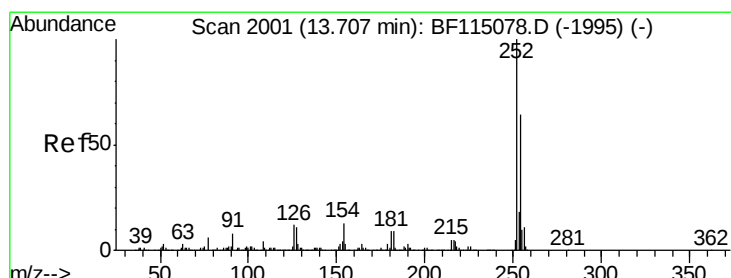
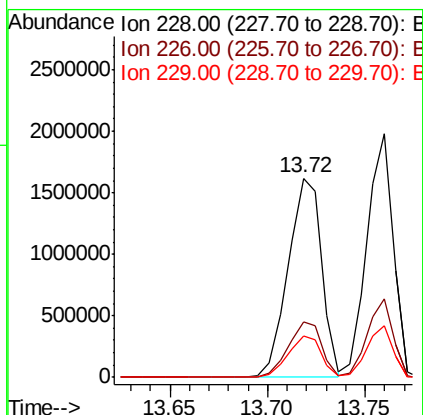
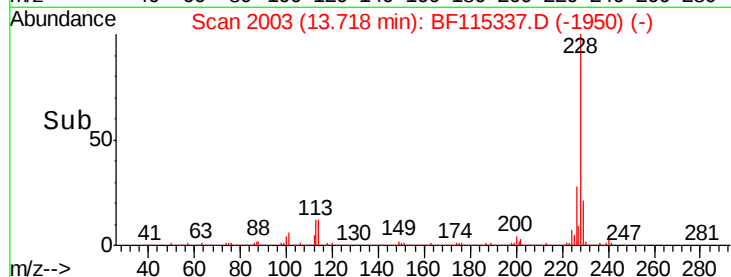
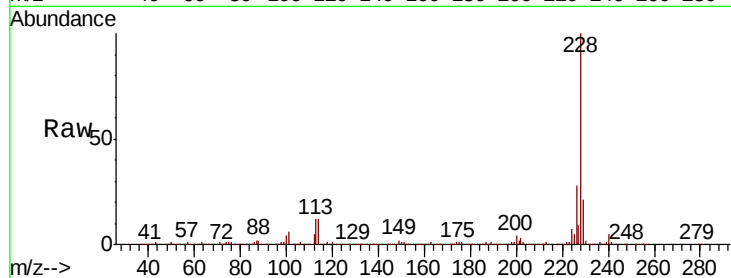
226 27.8 22.5 33.7

229 20.6 16.6 24.8

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#82

3,3'-Dichlorobenzidine

Concen: 16.517 ng

RT: 13.68 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

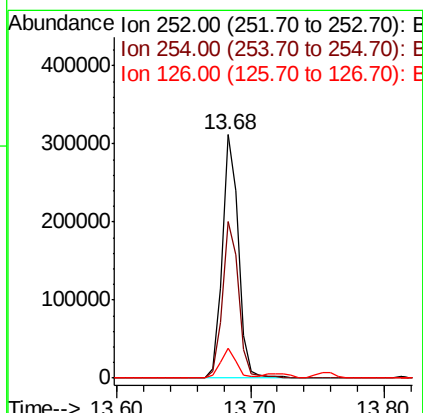
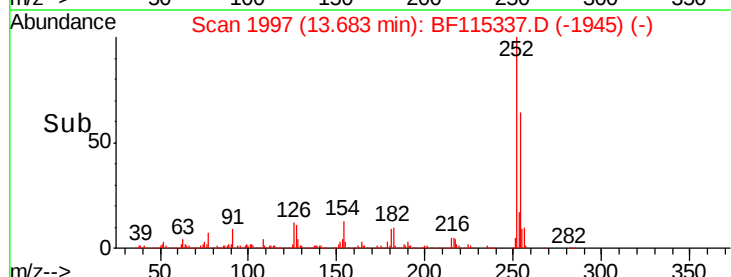
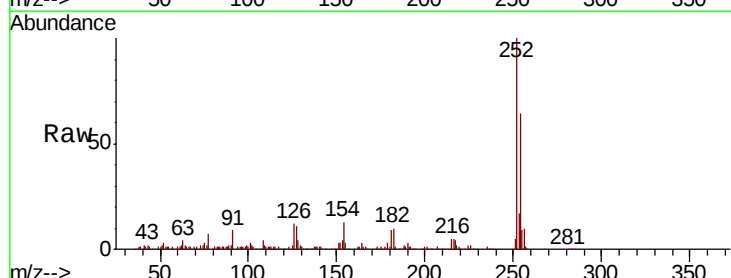
Tgt Ion:252 Resp: 268902

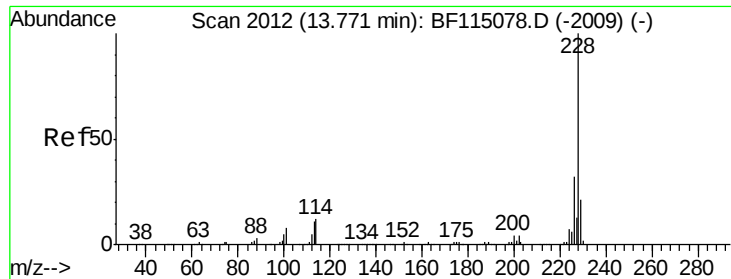
Ion Ratio Lower Upper

252 100

254 64.1 51.1 76.7

126 12.5 9.4 14.0





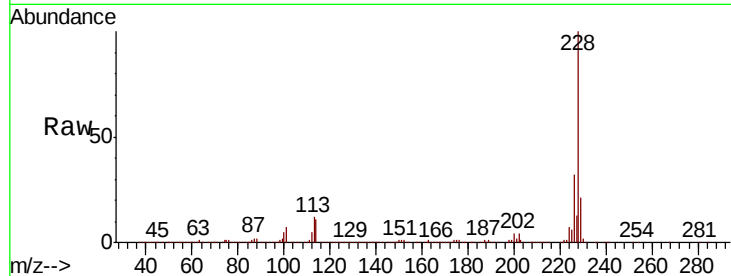
#83
 Chrvsene
 Concen: 44.988 ng
 RT: 13.76 min Scan# 2010
 Delta R.T. 0.02 min
 Lab File: BF115337.D
 Acq: 1 Jul 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062719MS

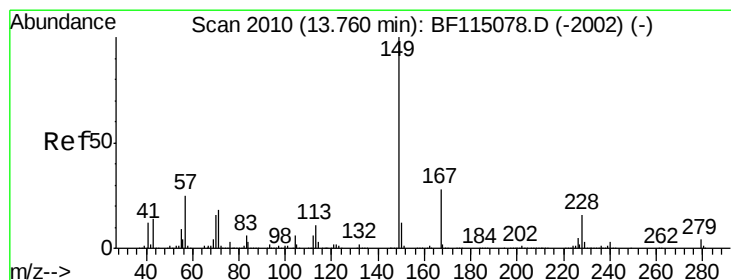
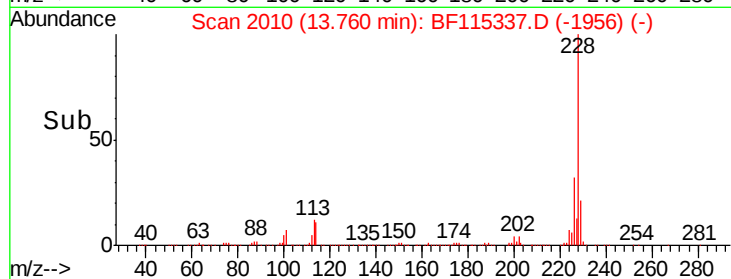
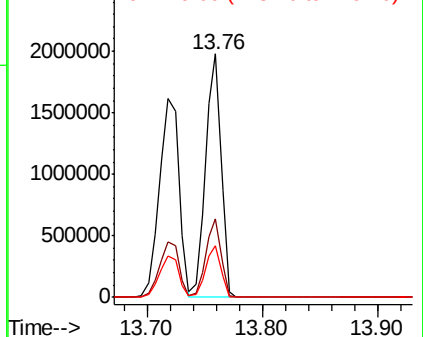
Tot Ion:228 Resp: 1857902
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.4 38.0
 229 21.3 16.5 24.7

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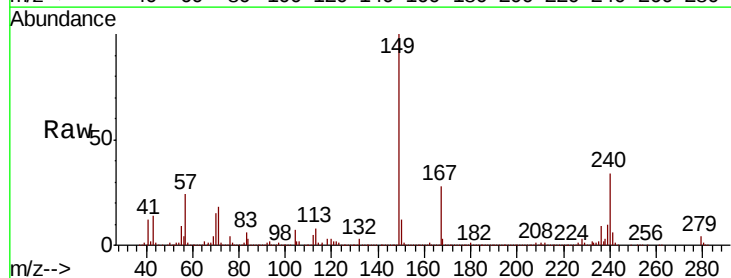


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

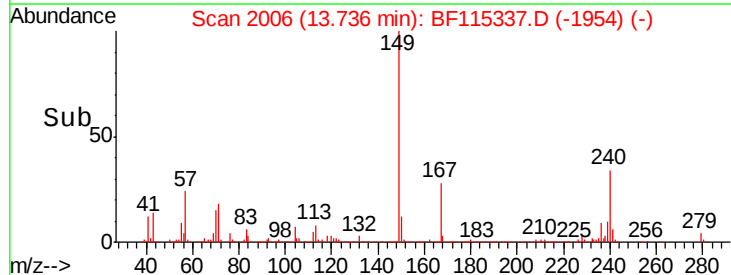
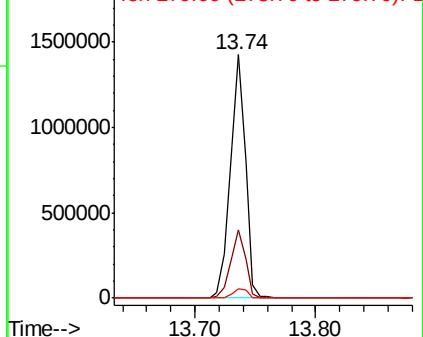


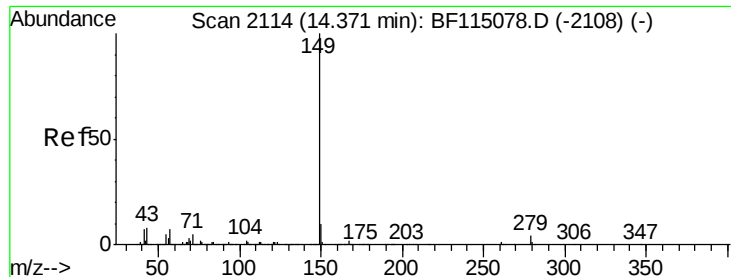
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.382 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF115337.D
 Acq: 1 Jul 2019 14:34

Tgt Ion:149 Resp: 1239222
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.2 33.4
 279 4.1 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.656 ng

RT: 14.35 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Instrument :

BNA_F

ClientSampleId :

OK-02-062719MS

Tot Ion:149 Resp: 2188779

Ion Ratio Lower Upper

149 100

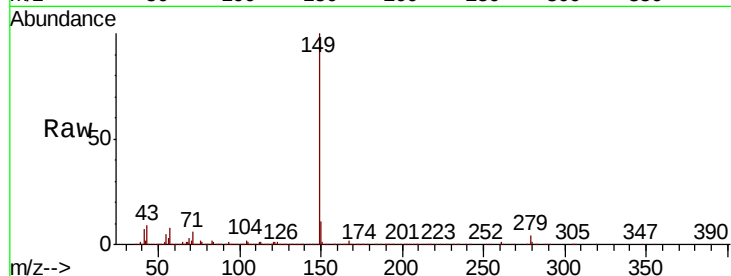
167 1.6 1.2 1.8

43 8.4 7.0 10.6

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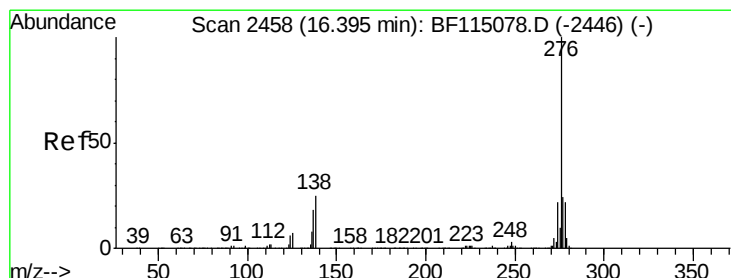
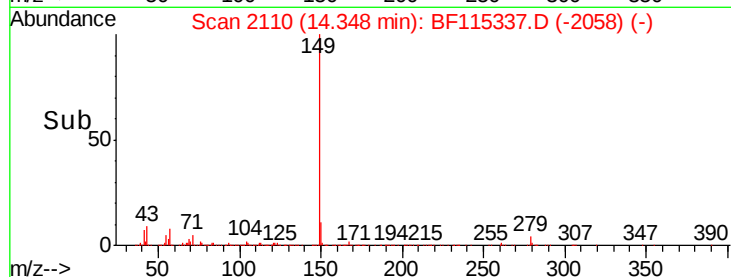
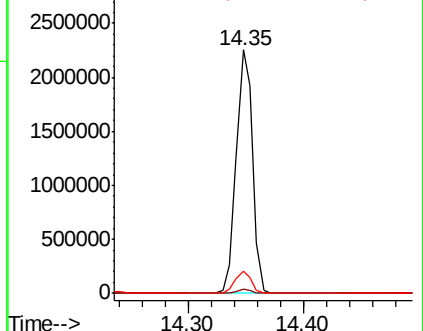
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 38.211 ng

RT: 16.38 min Scan# 2456

Delta R.T. 0.03 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

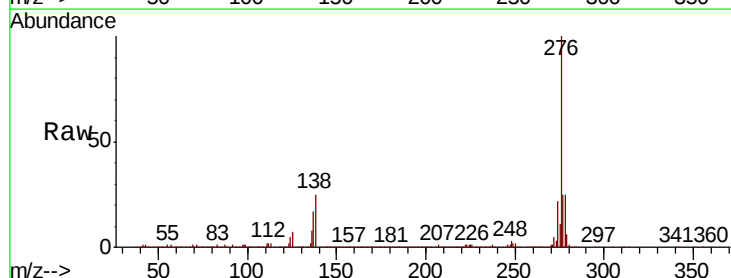
Tgt Ion:276 Resp: 1867240

Ion Ratio Lower Upper

276 100

138 27.9 23.2 34.8

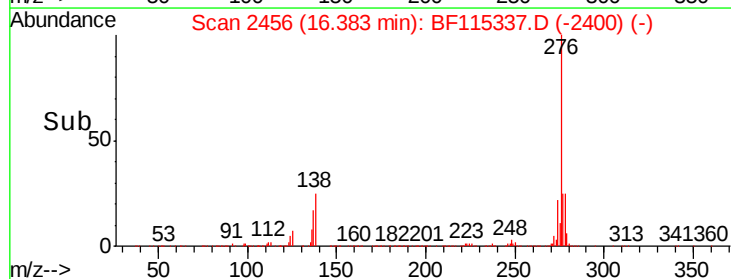
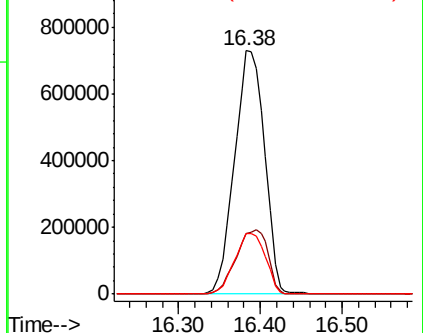
277 25.8 20.1 30.1

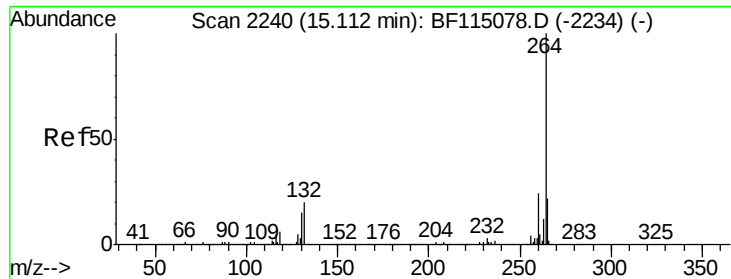


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.11 min Scan# 2239

Delta R.T. 0.02 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Instrument :

BNA_F

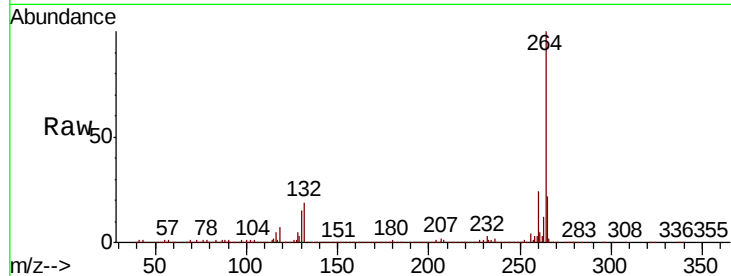
ClientSampleId :

OK-02-062719MS

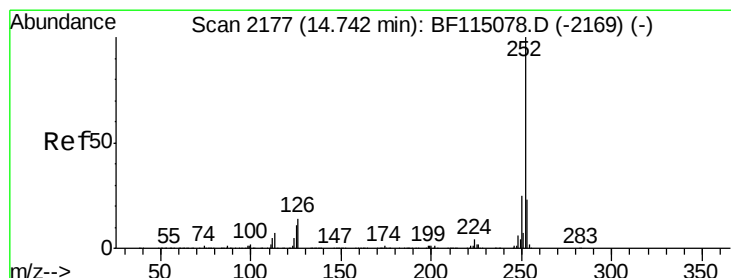
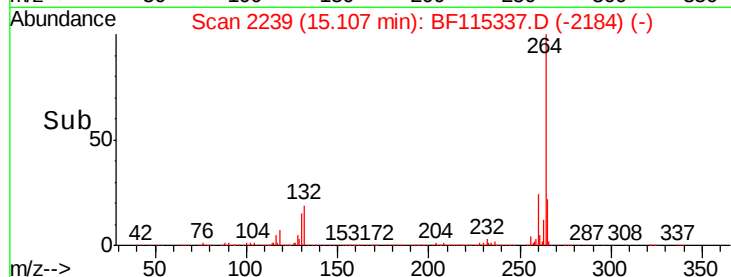
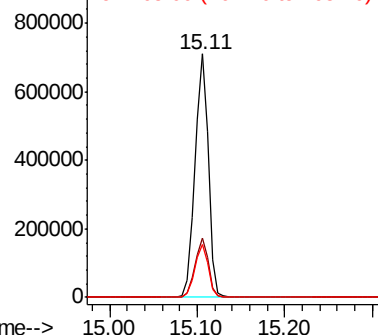
Tot Ion:	264	Resp:	758555
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.6	29.4
265	21.9	17.3	25.9

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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: 42.902 ng

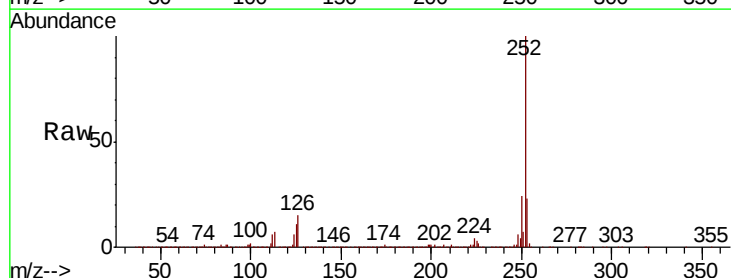
RT: 14.74 min Scan# 2176

Delta R.T. 0.02 min

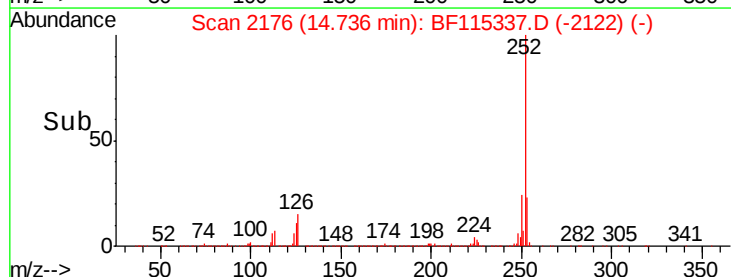
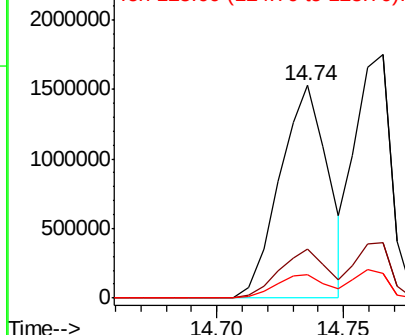
Lab File: BF115337.D

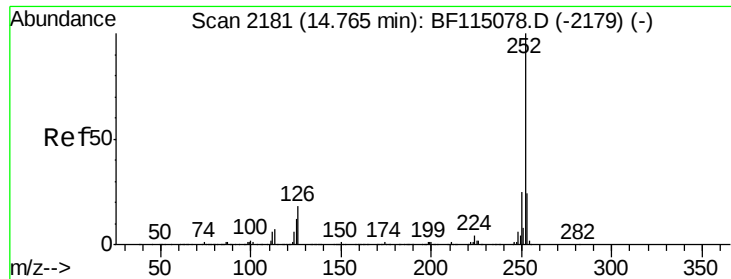
Acq: 1 Jul 2019 14:34

Tgt Ion:	252	Resp:	2030643
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.1	27.1
125	11.2	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: 40.640 ng

RT: 14.77 min Scan# 2181

Delta R.T. 0.02 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Instrument :

BNA_F

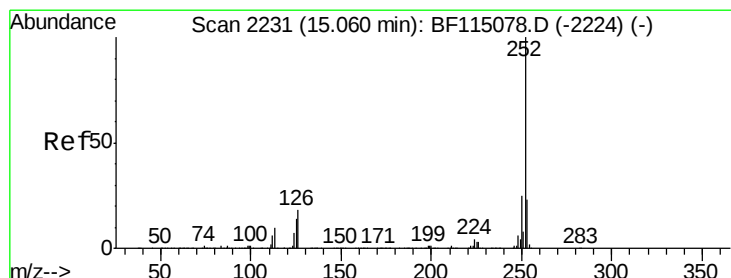
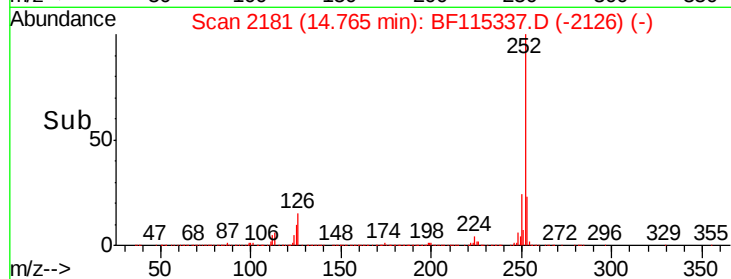
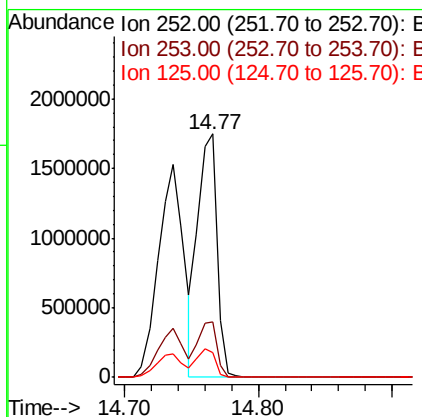
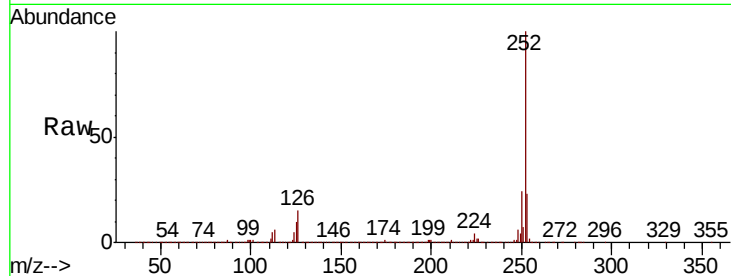
ClientSampleId :

OK-02-062719MS

Tot Ion:	252	Resp:	1725011
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.9	28.3
125	10.2	10.2	15.2

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#90

Benzo(a)pyrene

Concen: 42.660 ng

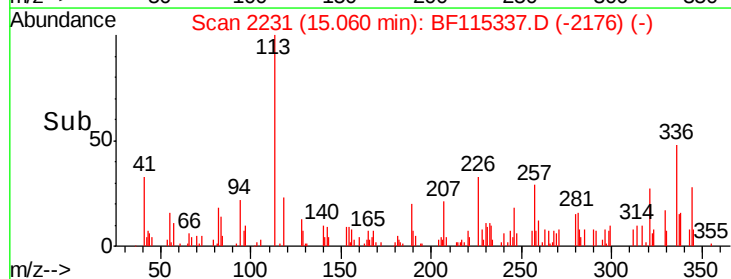
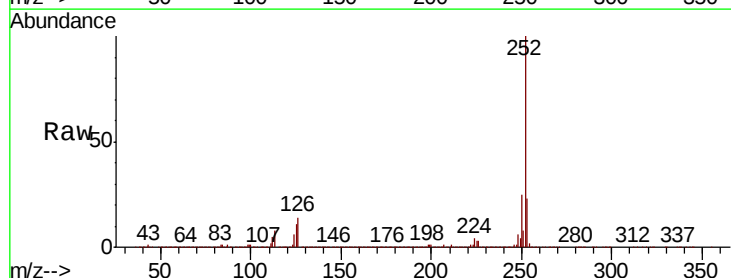
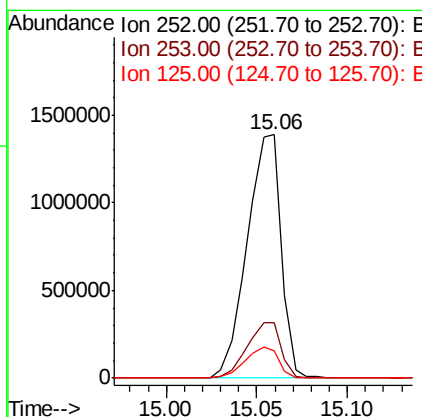
RT: 15.06 min Scan# 2231

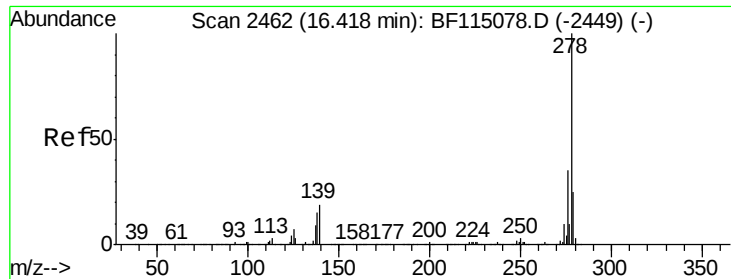
Delta R.T. 0.02 min

Lab File: BF115337.D

Acq: 1 Jul 2019 14:34

Tgt Ion:	252	Resp:	1819913
Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	11.2	10.9	16.3





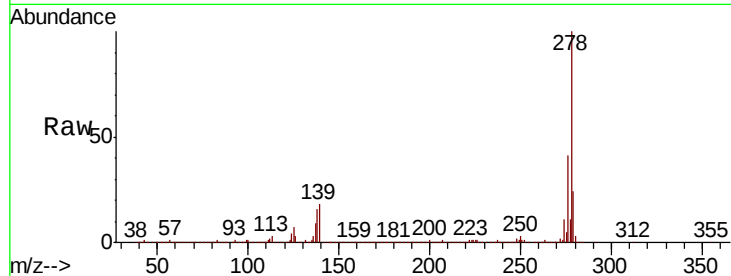
#91
Dibenzo(a,h)anthracene
Concen: 38.821 ng
RT: 16.41 min Scan# 2460
Delta R.T. 0.04 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.4	23.2
279	23.8	19.9	29.9

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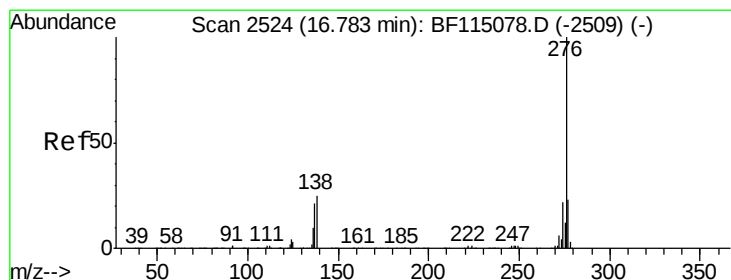
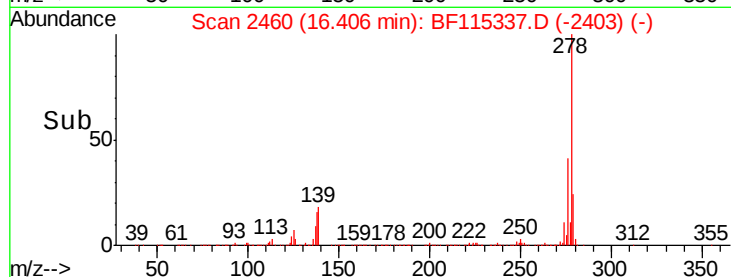
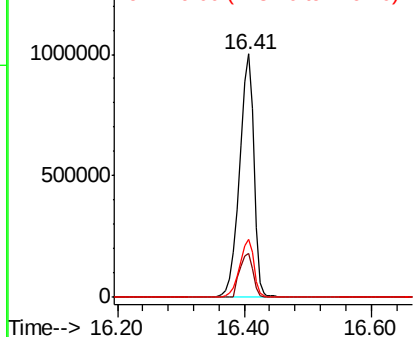


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.371 ng
RT: 16.77 min Scan# 2522
Delta R.T. 0.04 min
Lab File: BF115337.D
Acq: 1 Jul 2019 14:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	25.4	19.8	29.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

