

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
 Data File : BF115368.D
 Acq On : 2 Jul 2019 19:08
 Operator : HP/JU
 Sample : K3158-10MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MS

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:51:48 PM

Quant Time: Jul 03 06:52:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	238944	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	917825	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	445575	20.00	ng	0.02
64) Phenanthrene-d10	11.12	188	839891	20.00	ng	0.02
76) Chrysene-d12	13.74	240	449200	20.00	ng	0.02
87) Perylene-d12	15.11	264	533404	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1437024	92.81	ng	0.04
7) Phenol-d6	6.26	99	1685520	89.69	ng	0.02
23) Nitrobenzene-d5	7.17	82	1264558	84.75	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	577159	122.83	ng	0.02
45) 2-Fluorobiphenyl	8.97	172	2363169	90.09	ng	0.01
79) Terphenyl-d14	12.71	244	2234400	105.76	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	216030	29.562	ng	# 84
3) Pyridine	3.01	79	498227	24.190	ng	97
4) n-Nitrosodimethylamine	2.94	42	245397	30.392	ng	96
6) Aniline	6.27	93	162318	6.284	ng	# 1
8) 2-Chlorophenol	6.40	128	625007	35.897	ng	99
9) Benzaldehyde	6.15	77	316748	25.833	ng	98
10) Phenol	6.27	94	622425	28.273	ng	91
11) bis(2-Chloroethyl)ether	6.35	93	588333	36.255	ng	98
12) 1,3-Dichlorobenzene	6.55	146	704030	36.435	ng	100
13) 1,4-Dichlorobenzene	6.62	146	717371	37.023	ng	99
14) 1,2-Dichlorobenzene	6.78	146	656159	36.567	ng	98
15) Benzyl Alcohol	6.76	79	430594	31.465	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.90	45	802798	34.109	ng	84
17) 2-Methylphenol	6.88	107	566807	39.440	ng	96
18) Hexachloroethane	7.12	117	252873	36.199	ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	416754	34.637	ng	99
20) 3+4-Methylphenols	7.03	107	627030	37.786	ng	# 78
22) Acetophenone	7.02	105	899394	42.804	ng	# 92
24) Nitrobenzene	7.19	77	660196	40.164	ng	99
25) Isophorone	7.44	82	1177246	38.516	ng	99
26) 2-Nitrophenol	7.51	139	362744	44.687	ng	97
27) 2,4-Dimethylphenol	7.56	122	587897	44.234	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	759233	39.301	ng	99
29) 2,4-Dichlorophenol	7.75	162	568580	41.454	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	622517	41.089	ng	99
31) Naphthalene	7.91	128	1874836	41.613	ng	99
32) Benzoic acid	7.68	122	194814	20.535	ng	97
33) 4-Chloroaniline	7.97	127	60822	2.954	ng	98
34) Hexachlorobutadiene	8.04	225	342720	41.280	ng	99
35) Caprolactam	8.34	113	142473m	30.896	ng	
36) 4-Chloro-3-methylphenol	8.46	107	564072	40.609	ng	99
37) 2-Methylnaphthalene	8.61	142	1263959	41.608	ng	97
38) 1-Methylnaphthalene	8.70	142	1196470	41.240	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	558325	44.343	ng	100

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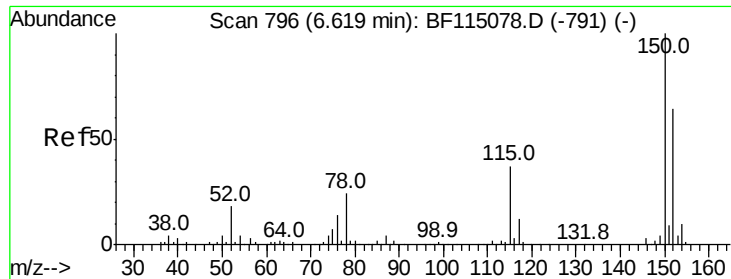
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	467931	62.674	ng	98
43) 2,4,6-Trichlorophenol	8.89	196	397202	40.861	ng	98
44) 2,4,5-Trichlorophenol	8.93	196	454683	45.420	ng	96
46) 1,1'-Biphenyl	9.07	154	1467753	41.169	ng	98
47) 2-Chloronaphthalene	9.09	162	1185804	41.004	ng	98
48) 2-Nitroaniline	9.19	65	348839	41.375	ng	88
49) Acenaphthylene	9.50	152	1855257	41.175	ng	99
50) Dimethylphthalate	9.38	163	1412920	43.101	ng	100
51) 2,6-Dinitrotoluene	9.43	165	330951	43.728	ng	100
52) Acenaphthene	9.68	154	1065824	37.802	ng	99
53) 3-Nitroaniline	9.59	138	108798	11.780	ng	95
54) 2,4-Dinitrophenol	9.70	184	114175	33.970	ng	93
55) Dibenzofuran	9.85	168	1583381	39.128	ng	99
56) 4-Nitrophenol	9.77	139	478962	64.686	ng	98
57) 2,4-Dinitrotoluene	9.84	165	423788	43.366	ng	94
58) Fluorene	10.19	166	1124092	41.159	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	358977	42.765	ng	97
60) Diethylphthalate	10.08	149	1327549	40.287	ng	100
61) 4-Chlorophenyl-phenylether	10.18	204	551812	42.759	ng	96
62) 4-Nitroaniline	10.21	138	343381	37.061	ng	97
63) Azobenzene	10.34	77	1205486	39.166	ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	111113	27.254	ng	92
66) n-Nitrosodiphenylamine	10.31	169	1113685	42.561	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	392659	43.120	ng	95
68) Hexachlorobenzene	10.74	284	422856	42.781	ng	97
69) Atrazine	10.84	200	365916	43.472	ng	99
70) Pentachlorophenol	10.93	266	402902	63.984	ng	98
71) Phenanthrene	11.14	178	1805046	39.916	ng	100
72) Anthracene	11.20	178	1856321	40.667	ng	99
73) Carbazole	11.35	167	1663315	40.806	ng	100
74) Di-n-butylphthalate	11.70	149	2005602	42.580	ng	99
75) Fluoranthene	12.32	202	1725958	38.254	ng	98
77) Benzidine	12.45	184	247952	12.431	ng	99
78) Pyrene	12.55	202	1707307	49.457	ng	99
80) Butylbenzylphthalate	13.18	149	760385	49.912	ng	95
81) Benzo(a)anthracene	13.74	228	1372946	42.596	ng	99
82) 3,3'-Dichlorobenzidine	13.70	252	168833	14.505	ng	99
83) Chrysene	13.77	228	1309427	44.350	ng	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	997668	49.978	ng	99
85) Di-n-octyl phthalate	14.36	149	1538114	45.859	ng	99
86) Indeno(1,2,3-cd)pyrene	16.39	276	1297546	37.140	ng	99
88) Benzo(b)fluoranthene	14.74	252	1453669	43.676	ng	100
89) Benzo(k)fluoranthene	14.77	252	1264591	42.368	ng	98
90) Benzo(a)pyrene	15.06	252	1333819	44.463	ng	99
91) Dibenzo(a,h)anthracene	16.42	278	1076879	38.453	ng	97
92) Benzo(g,h,i)perylene	16.78	276	1012685	35.728	ng	98

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



#1

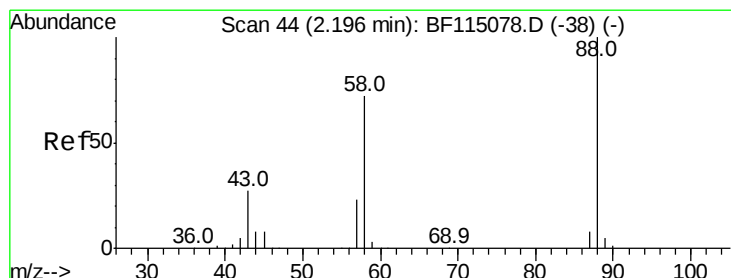
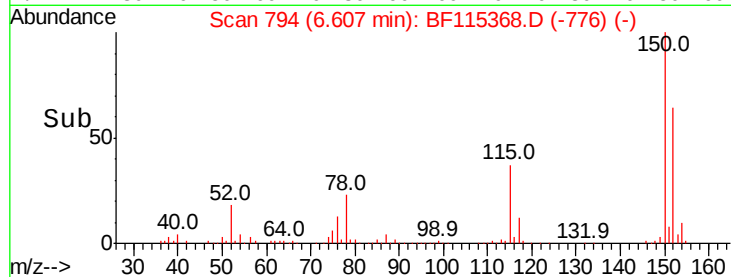
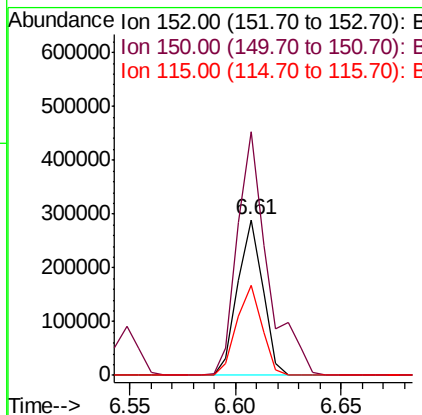
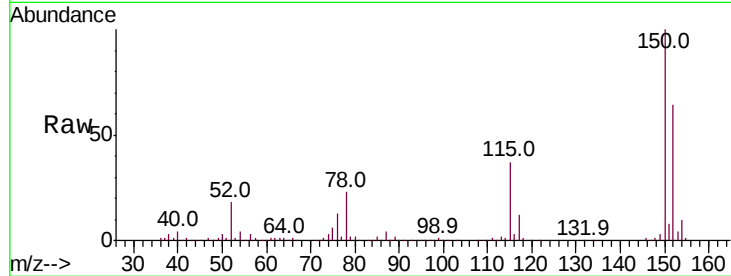
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.2	186.2
115	58.2	46.1	69.1

Manual Integrations
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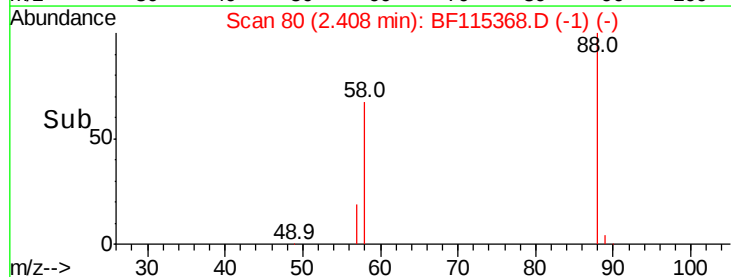
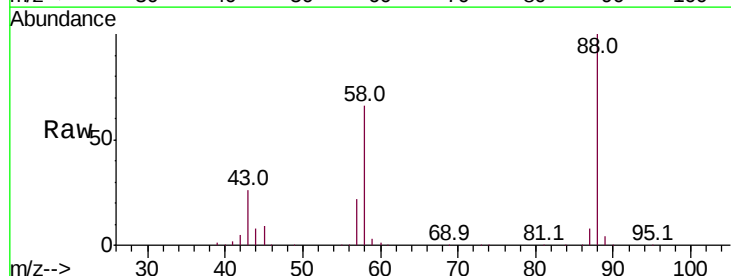
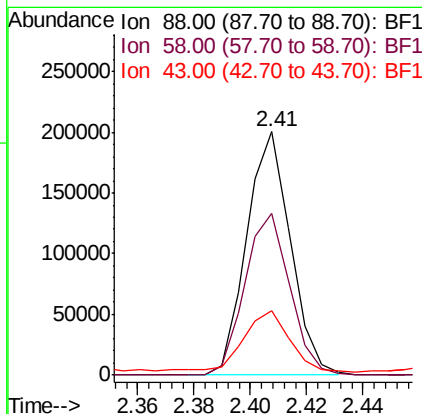
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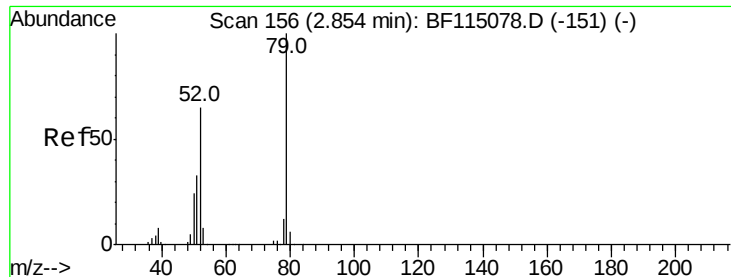


#2

1,4-Dioxane
Concen: 29.562 ng
RT: 2.41 min Scan# 80
Delta R.T. 0.25 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.2	56.1	84.1
43	0.0	21.3	31.9#





#3

Pvridine

Concen: 24.190 ng

RT: 3.01 min Scan# 183

Delta R.T. 0.21 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

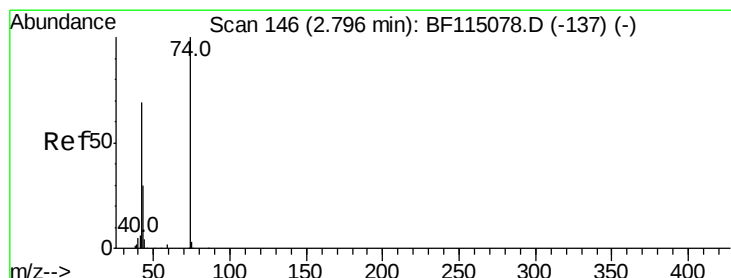
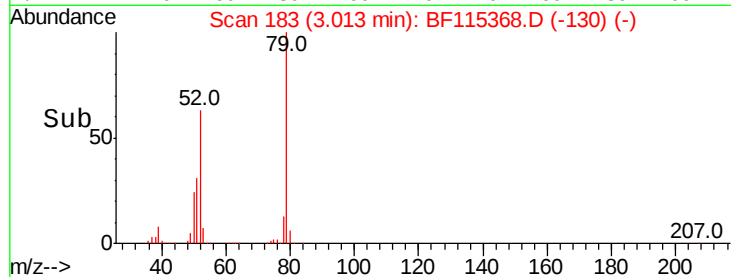
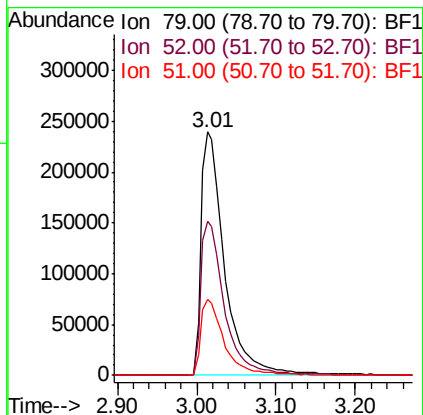
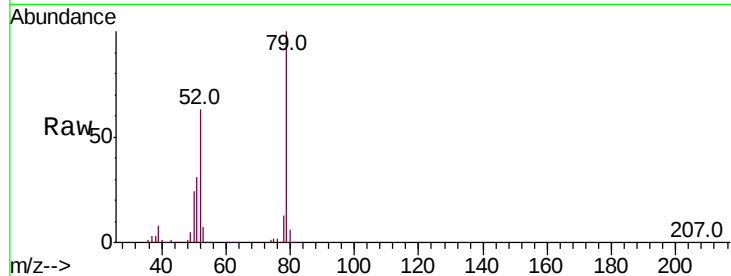
ClientSampleId :

OK-01-062819MS

Tot Ion:	79	Resp:	498227
Ion Ratio	Lower	Upper	
79	100		
52	63.2	52.3	78.5
51	31.1	26.1	39.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 30.392 ng

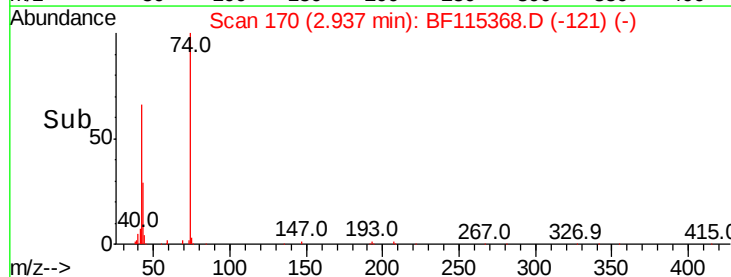
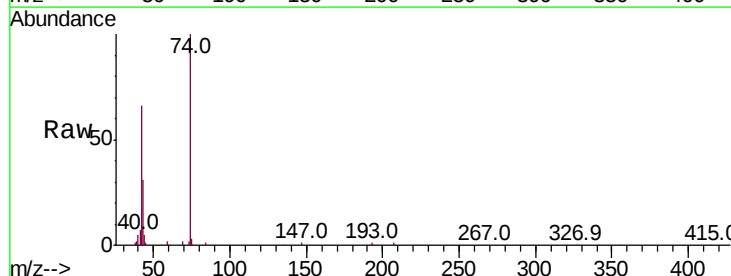
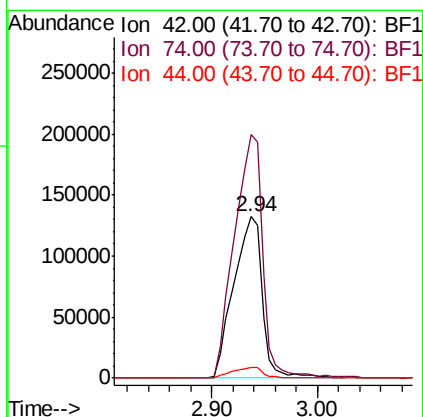
RT: 2.94 min Scan# 170

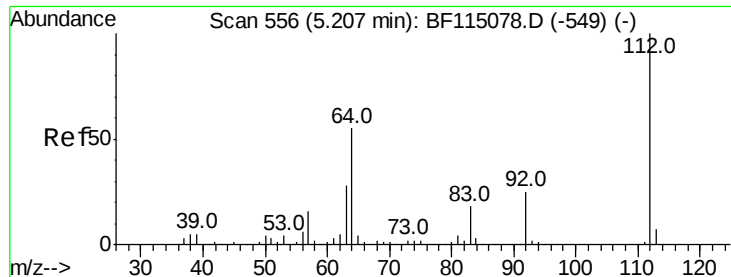
Delta R.T. 0.19 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Tgt Ion:	42	Resp:	245397
Ion Ratio	Lower	Upper	
42	100		
74	150.8	116.6	175.0
44	6.9	5.3	7.9





#5

2-Fluorophenol

Concen: 92.807 ng

RT: 5.23 min Scan# 560

Delta R.T. 0.04 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

Tot Ion: 112 Resp: 1437024

Ion Ratio Lower Upper

112 100

64 52.8 43.8 65.6

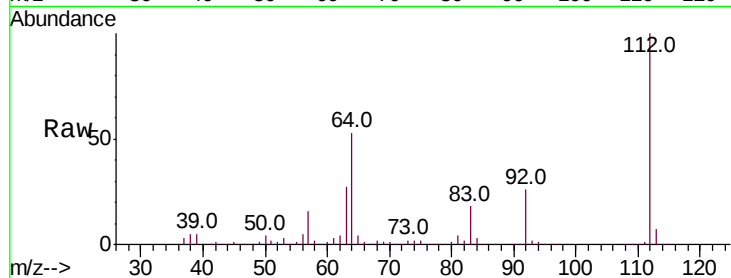
63 26.9 22.2 33.4

Manual Integrations

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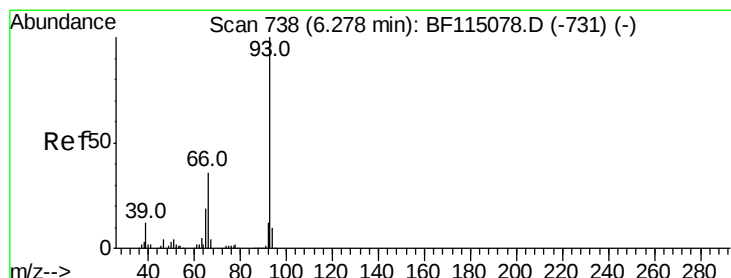
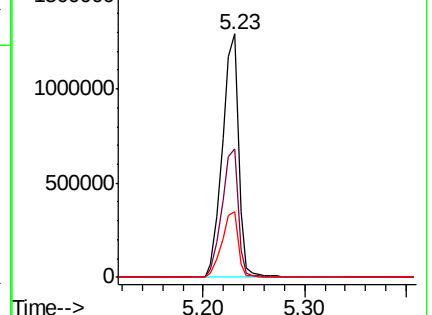
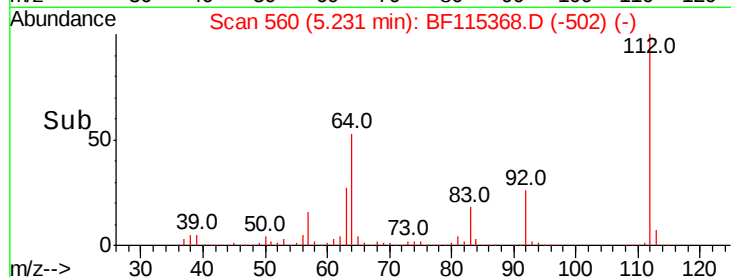
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Abundance Ion 112.00 (111.70 to 112.70): BF115078.D (-549) (-)

Ion 64.00 (63.70 to 64.70): BF115078.D (-549) (-)

Ion 63.00 (62.70 to 63.70): BF115078.D (-549) (-)



#6

Aniline

Concen: 6.284 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

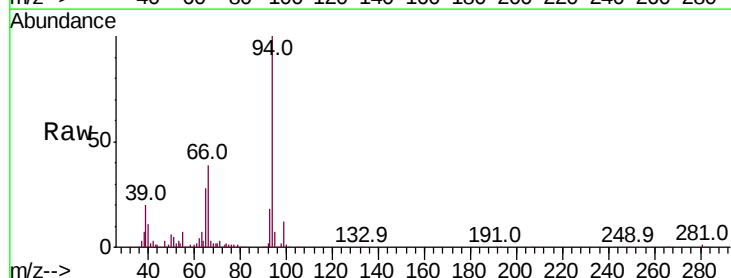
Tgt Ion: 93 Resp: 162318

Ion Ratio Lower Upper

93 100

66 218.6 30.0 45.0#

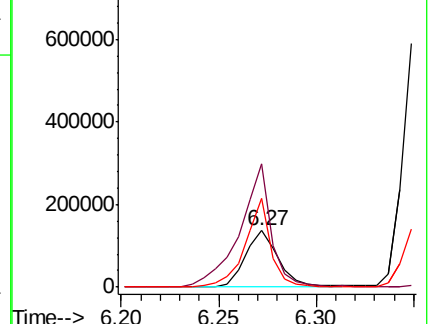
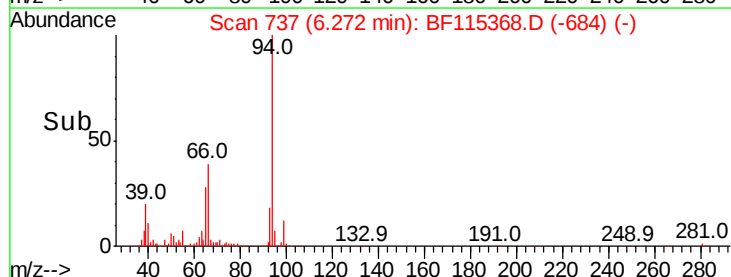
65 157.2 15.6 23.4#

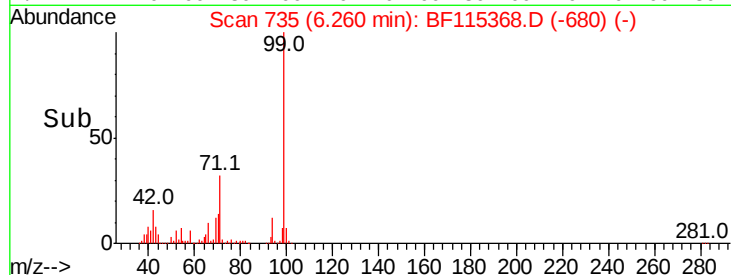
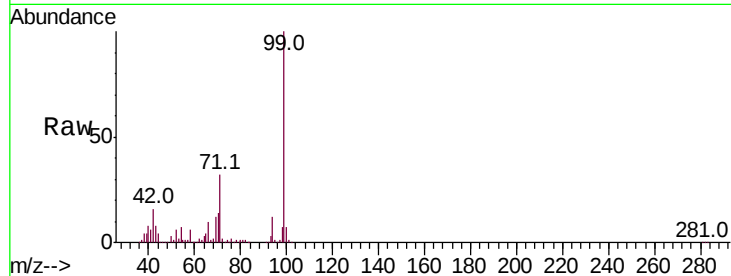
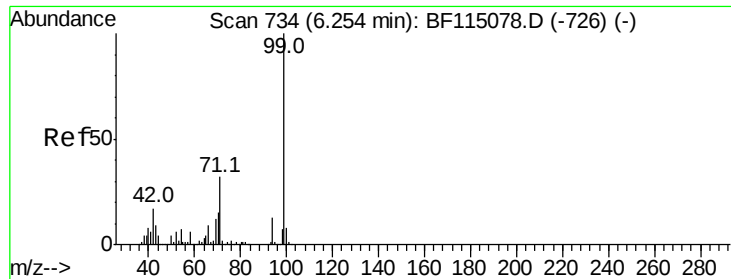


Abundance Ion 93.00 (92.70 to 93.70): BF115078.D (-731) (-)

Ion 66.00 (65.70 to 66.70): BF115078.D (-731) (-)

Ion 65.00 (64.70 to 65.70): BF115078.D (-731) (-)





#7

Phenol-d6

Concen: 89.685 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Tot Ion:	99	Resp:	1685520
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.6	20.4
71	32.3	25.5	38.3

Instrument :

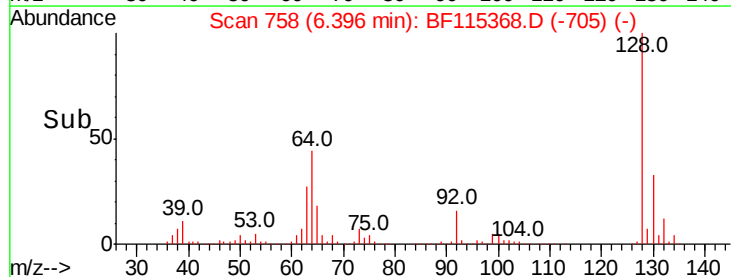
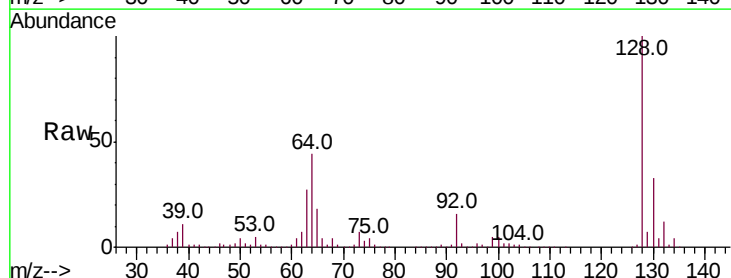
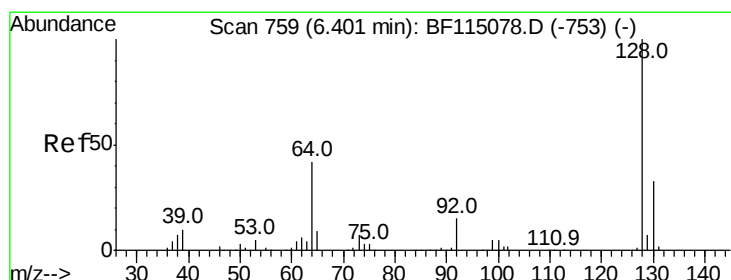
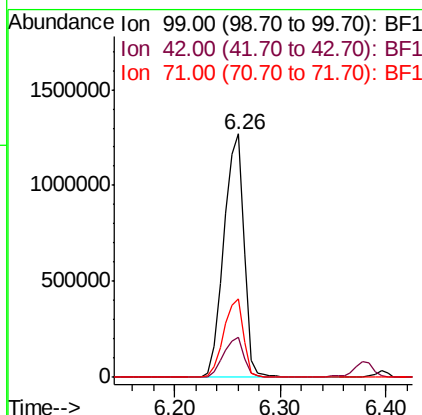
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#8

2-Chlorophenol

Concen: 35.897 ng

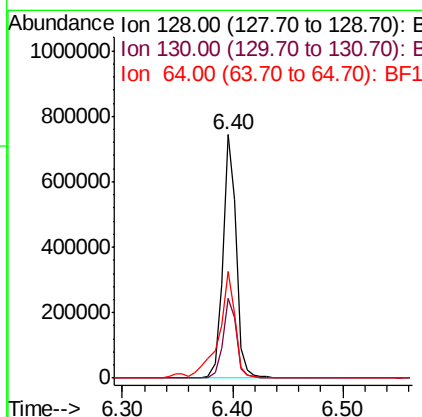
RT: 6.40 min Scan# 758

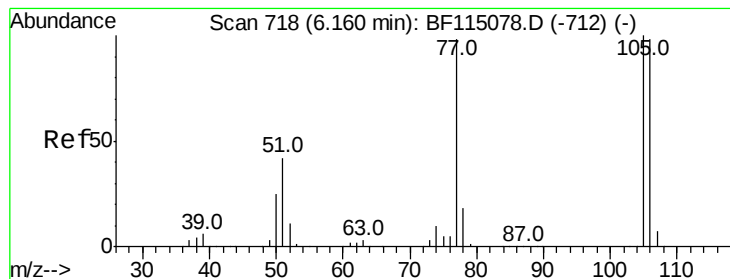
Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Tgt Ion:	128	Resp:	625007
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	43.9	22.9	62.9





#9

Benzaldehyde

Concen: 25.833 ng

RT: 6.15 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

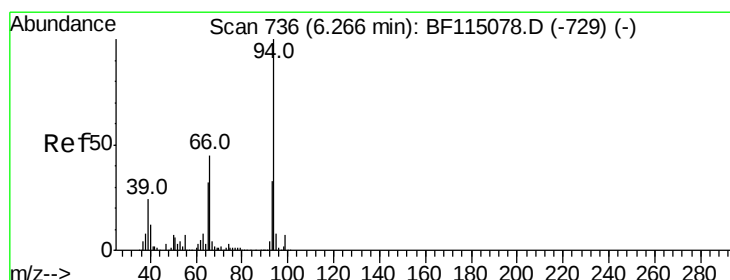
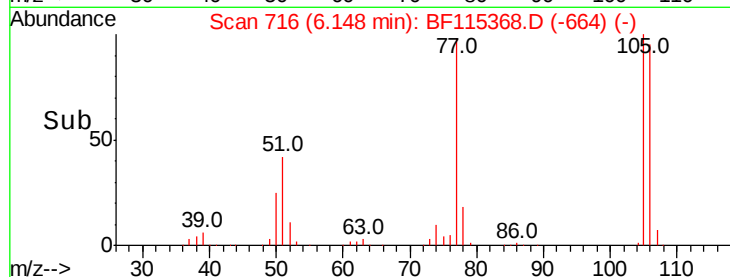
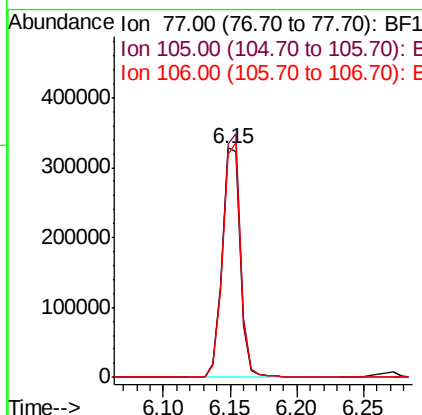
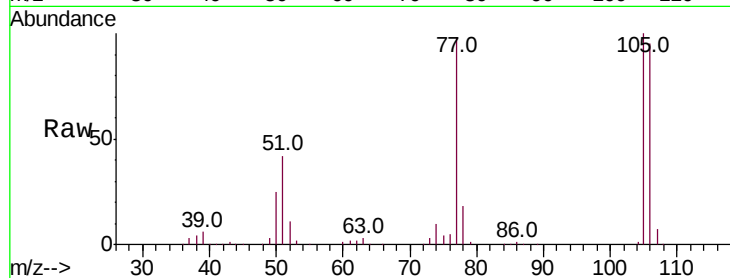
ClientSampleId :

OK-01-062819MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.1	81.5	121.5
106	97.2	79.7	119.7

Manual Integrations
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#10

Phenol

Concen: 28.273 ng

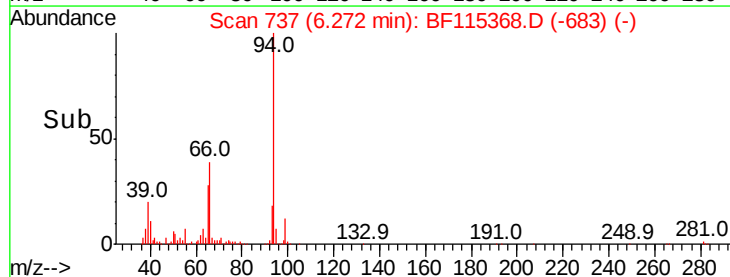
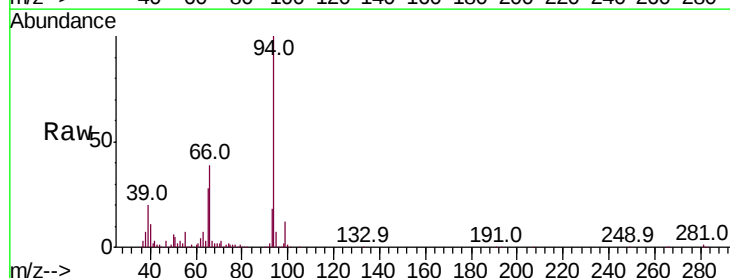
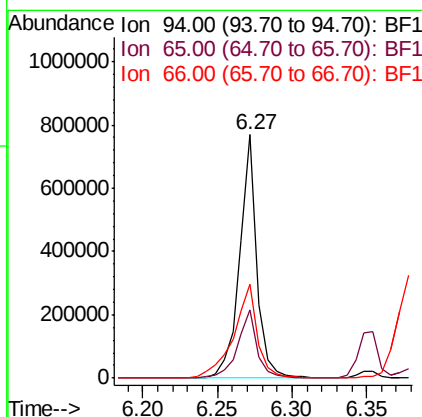
RT: 6.27 min Scan# 737

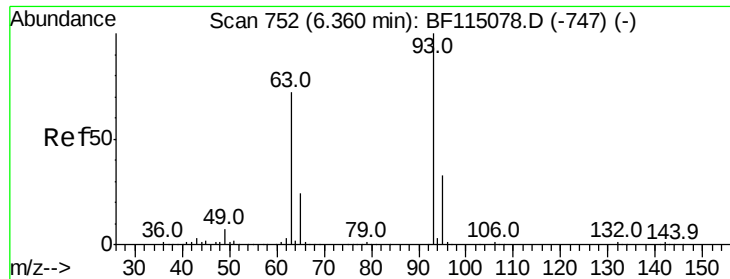
Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.8	11.9	51.9
66	38.7	25.2	65.2





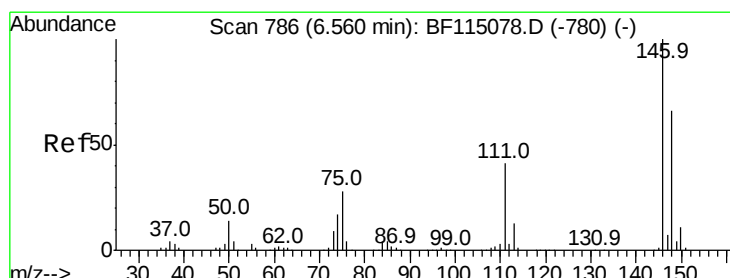
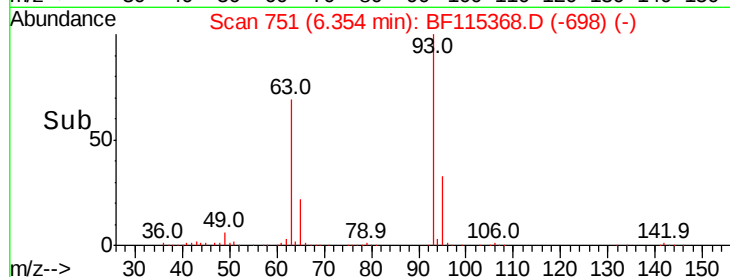
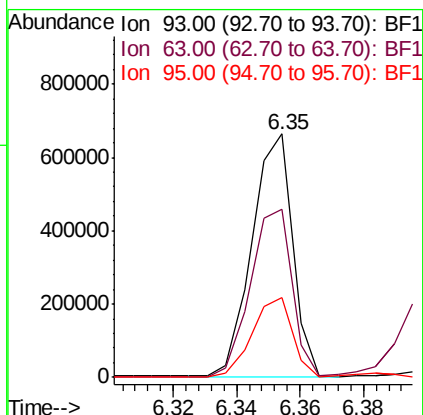
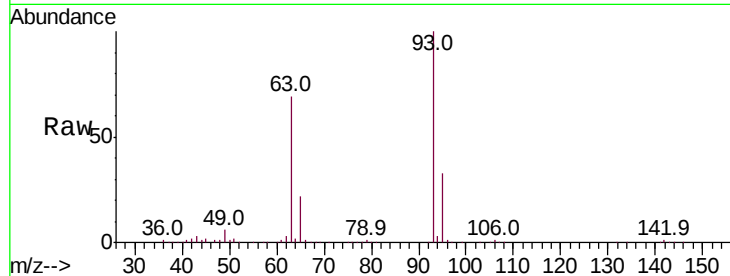
#11
bis(2-Chloroethyl)ether
Concen: 36.255 ng
RT: 6.35 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tot Ion:	93	Resp:	588333
Ion Ratio	Lower	Upper	
93	100		
63	69.0	51.5	91.5
95	32.8	13.4	53.4

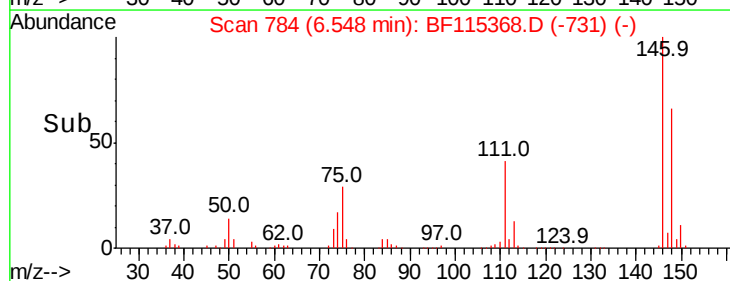
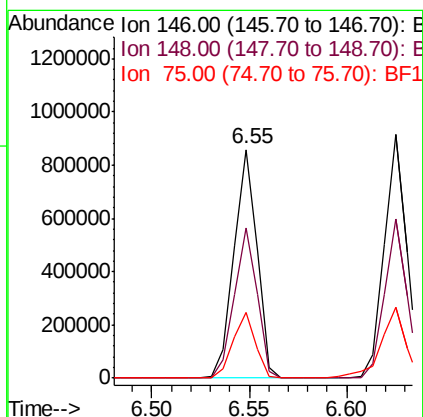
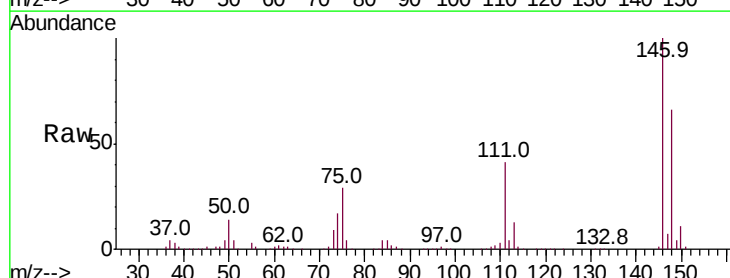
Manual Integrations
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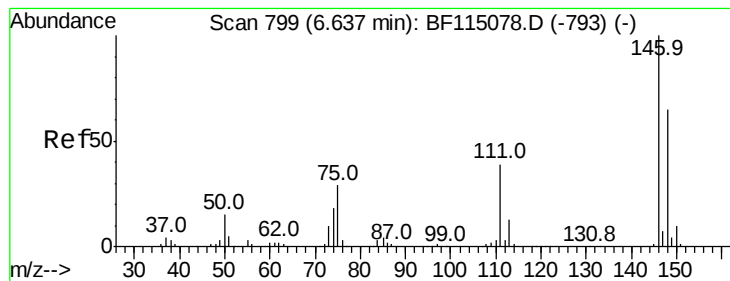
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.435 ng
RT: 6.55 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion:	146	Resp:	704030
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.6	78.8
75	28.8	22.6	34.0





#13

1,4-Dichlorobenzene

Concen: 37.023 ng

RT: 6.62 min Scan# 797

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

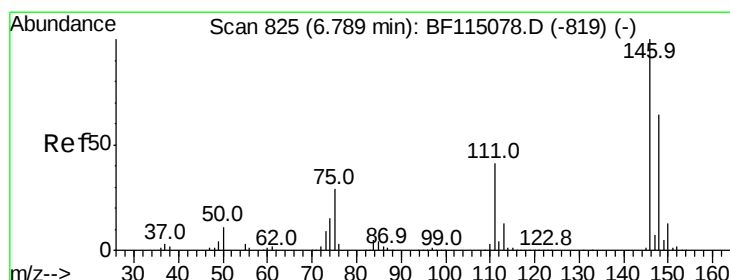
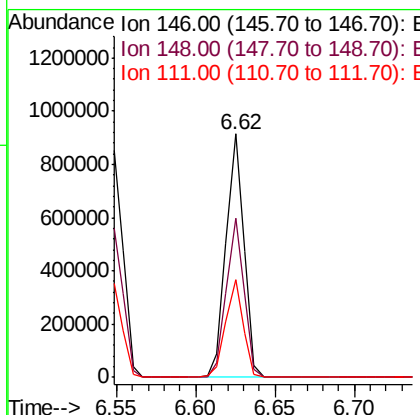
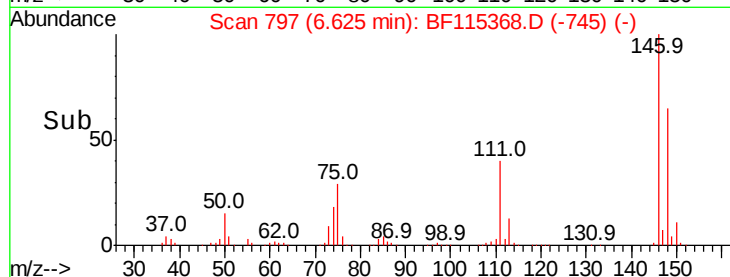
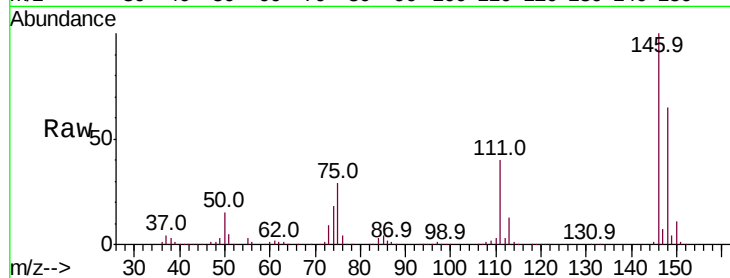
ClientSampleId :

OK-01-062819MS

Tot Ion:	146	Resp:	717371
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.9	77.9
111	40.0	31.4	47.0

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 36.567 ng

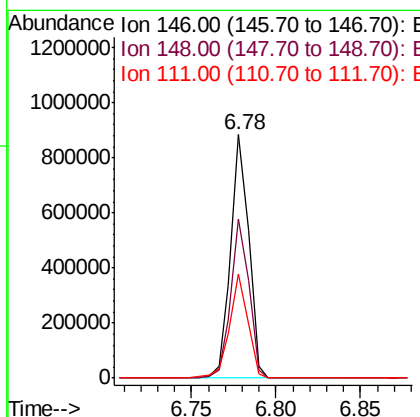
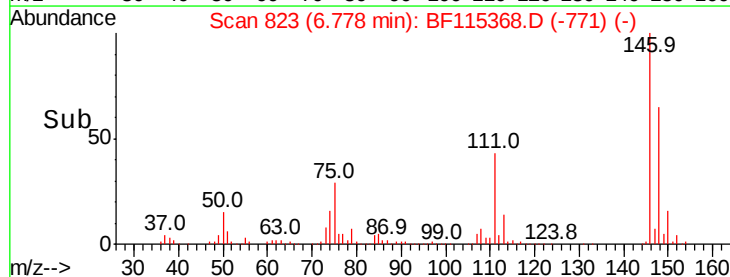
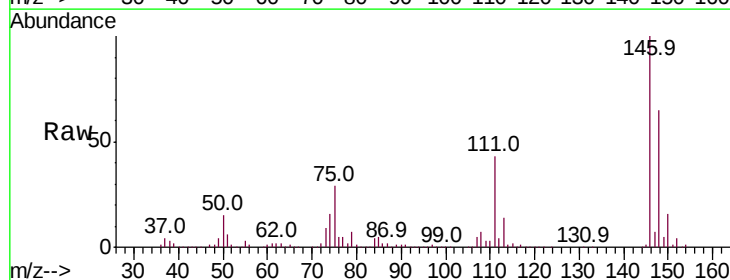
RT: 6.78 min Scan# 823

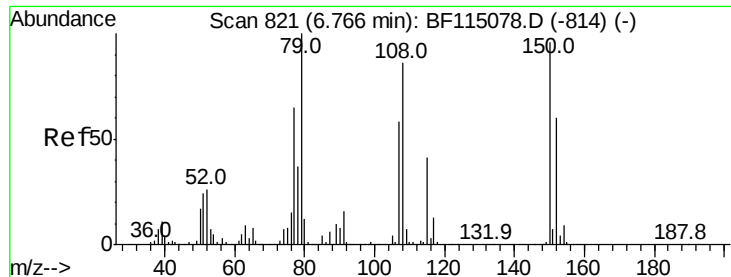
Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Tgt Ion:	146	Resp:	656159
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.1	76.7
111	42.7	33.2	49.8





#15

Benzyl Alcohol

Concen: 31.465 ng

RT: 6.76 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

Tot Ion: 79 Resp: 430594

Ion Ratio Lower Upper

79 100

108 80.8 68.7 103.1

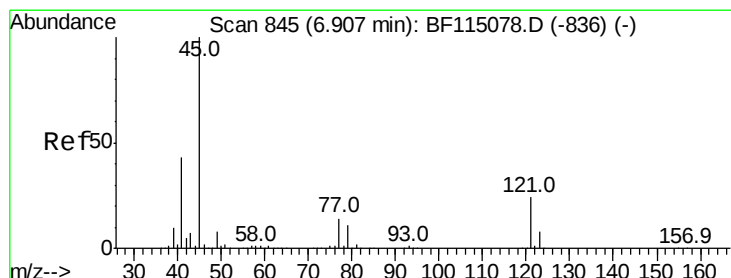
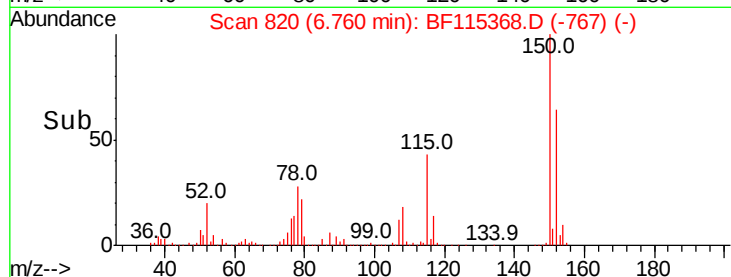
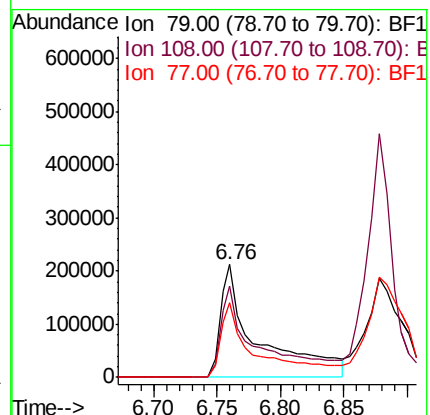
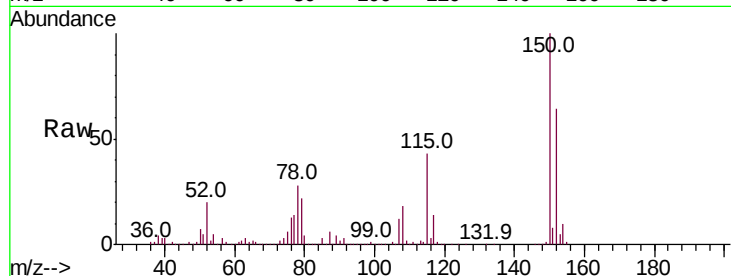
77 66.6 51.7 77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.109 ng

RT: 6.90 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

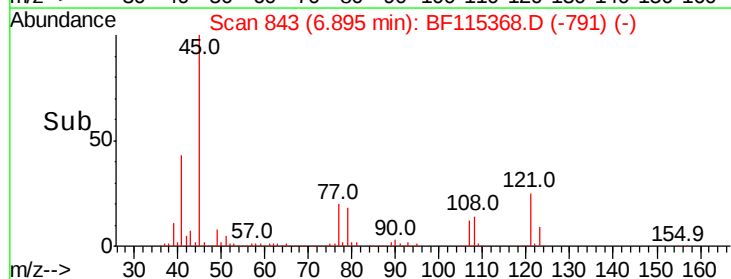
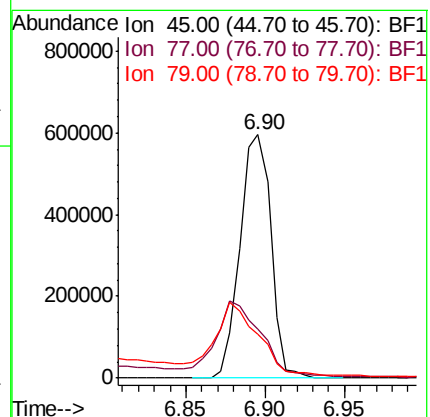
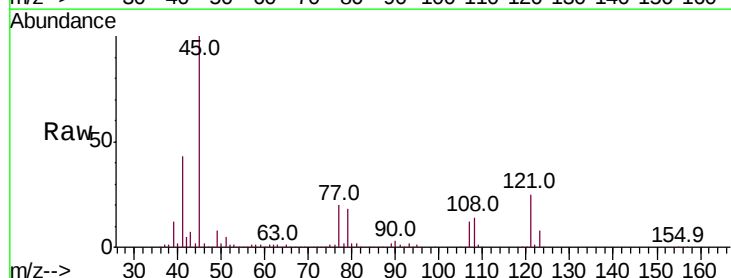
Tgt Ion: 45 Resp: 802798

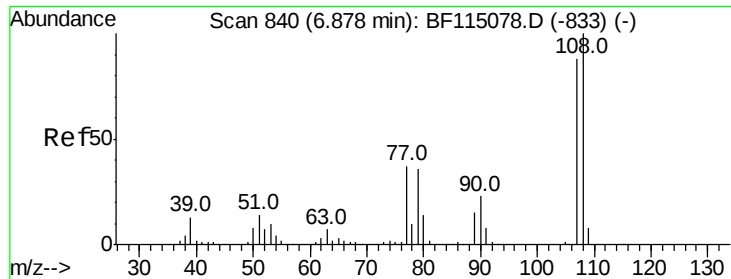
Ion Ratio Lower Upper

45 100

77 20.4 0.0 34.6

79 18.0 0.0 31.2





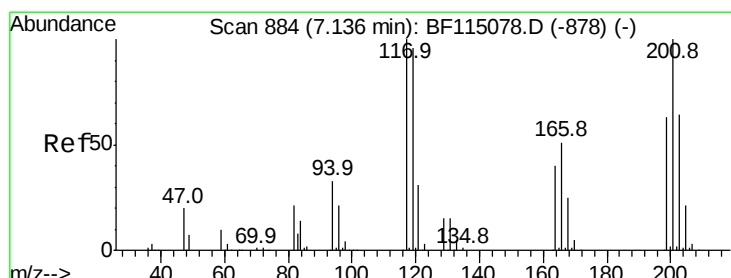
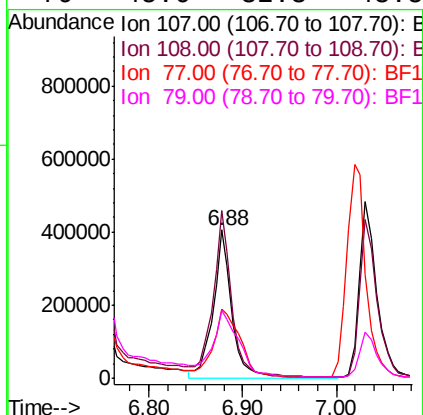
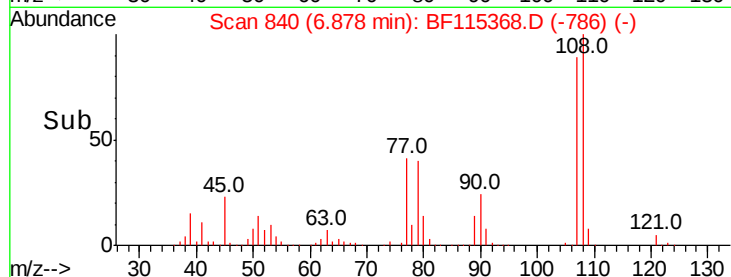
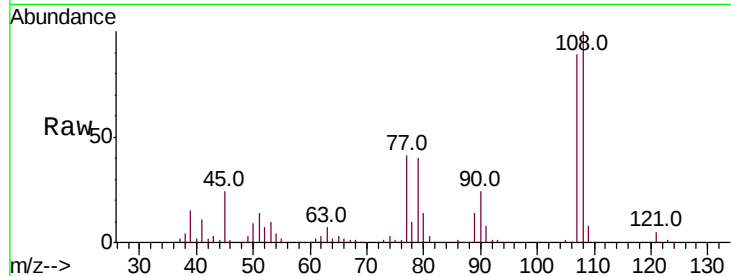
#17
2-Methylphenol
Concen: 39.440 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.9	136.3
77	46.5	33.4	50.2
79	45.6	32.3	48.5

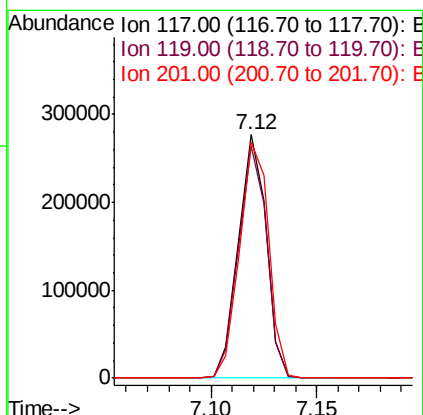
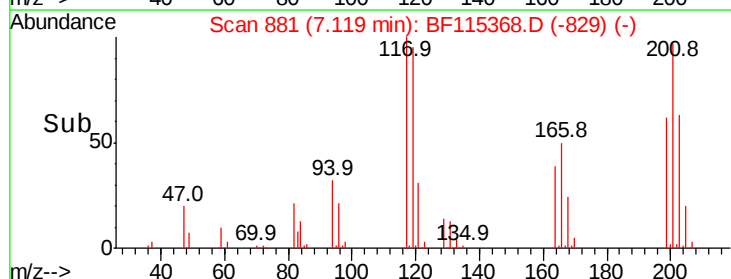
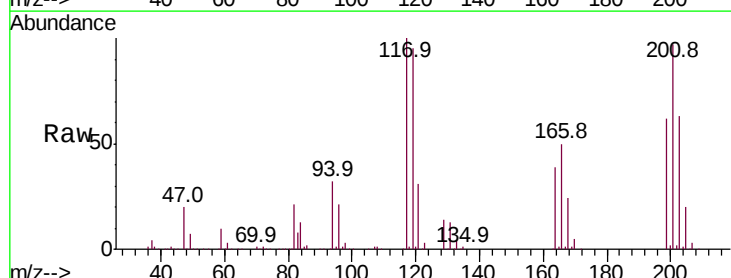
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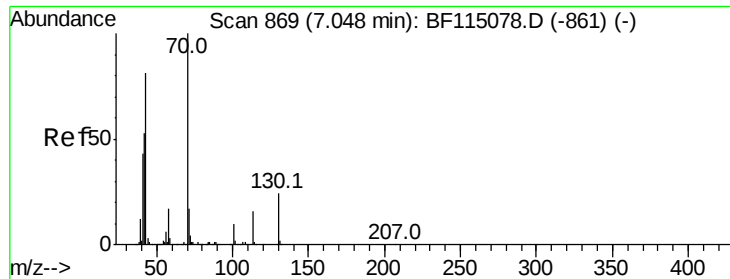
mohammad
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#18
Hexachloroethane
Concen: 36.199 ng
RT: 7.12 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.6	114.8
201	96.8	80.2	120.2





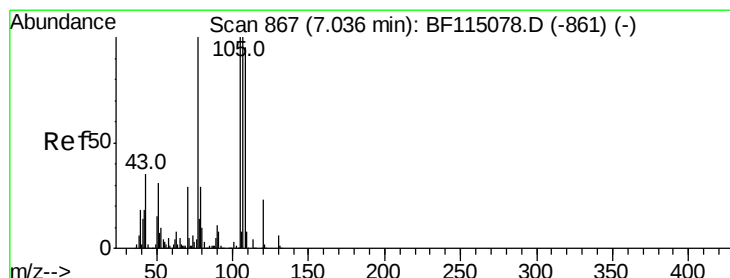
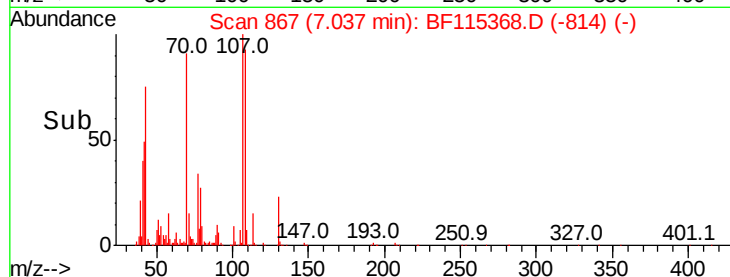
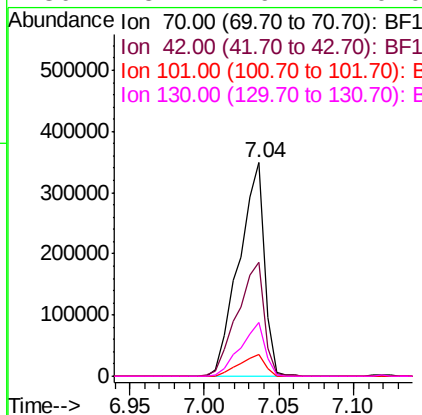
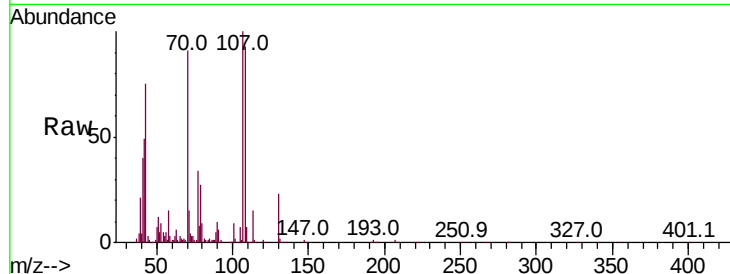
#19
n-Nitroso-di-n-propylamine
Concen: 34.637 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.3	42.6	63.8	
101	10.3	8.0	12.0	
130	25.4	19.4	29.0	

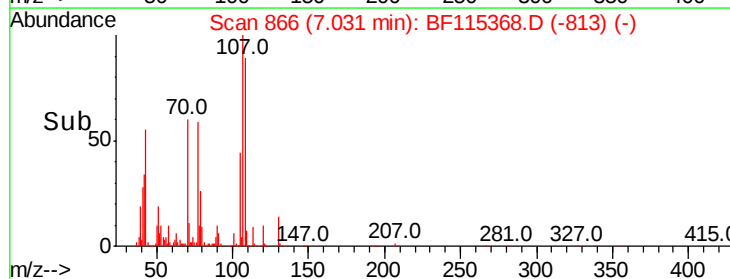
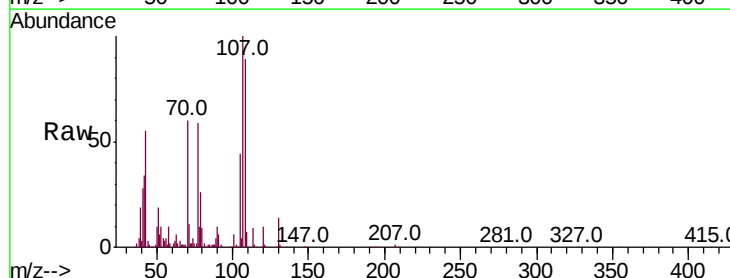
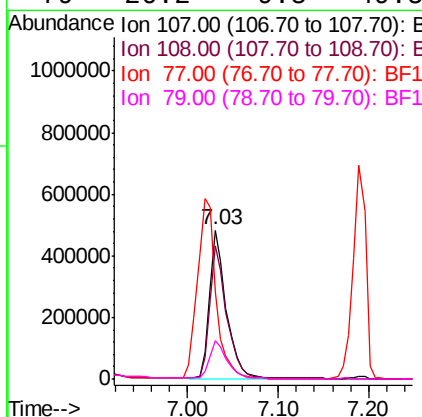
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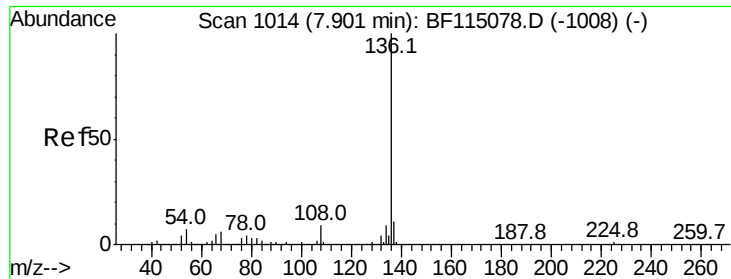
mohammad
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#20
3+4-Methylphenols
Concen: 37.786 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.5	75.5	115.5	
77	58.8	80.2	120.2	
79	26.2	9.5	49.5	





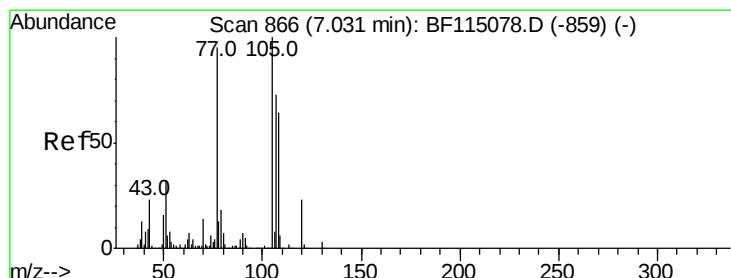
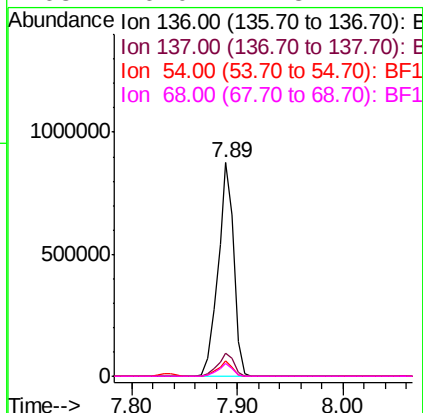
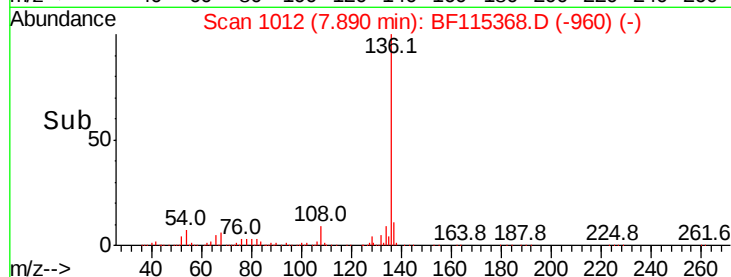
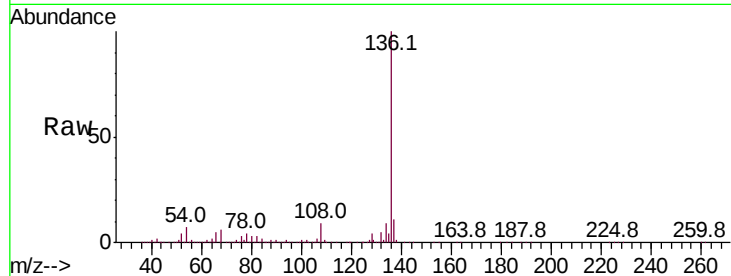
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	7.0	5.6	8.4	
68	6.0	4.8	7.2	

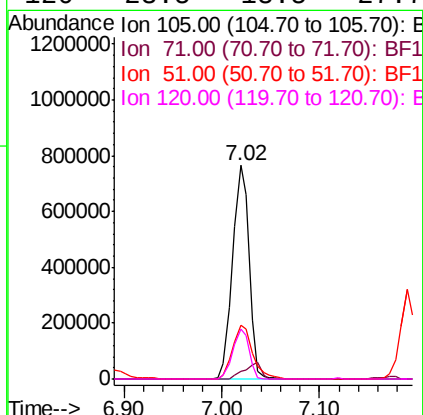
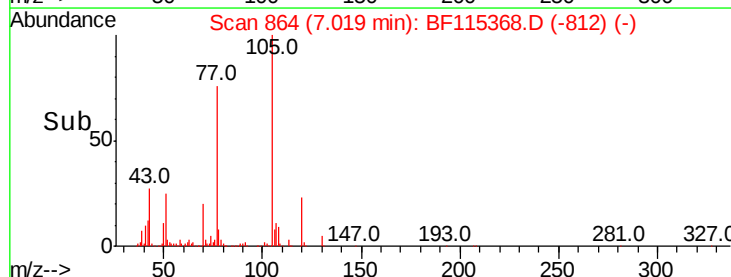
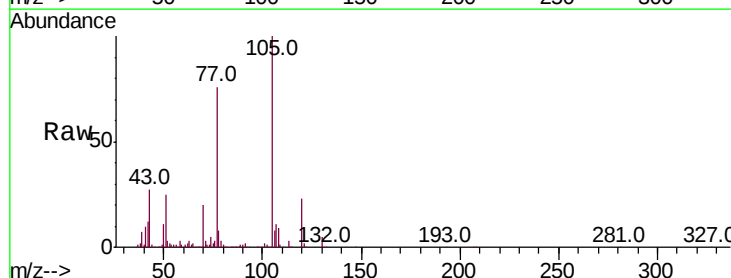
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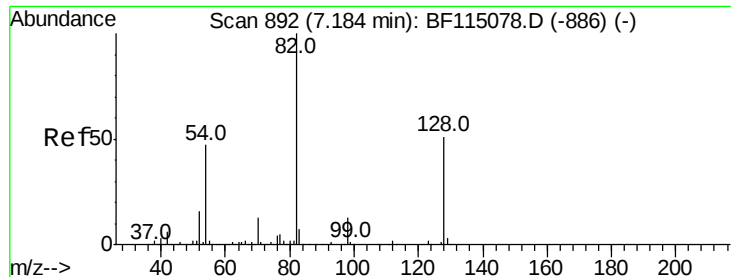
mohammad
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#22
Acetophenone
Concen: 42.804 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.4	1.9	2.9#	
51	25.1	25.8	38.8#	
120	23.5	18.5	27.7	





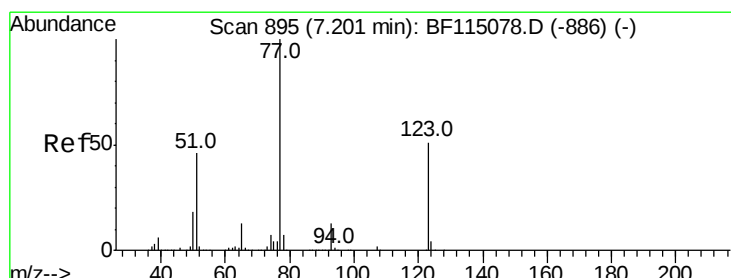
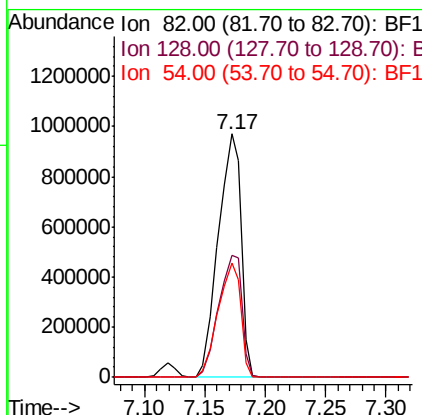
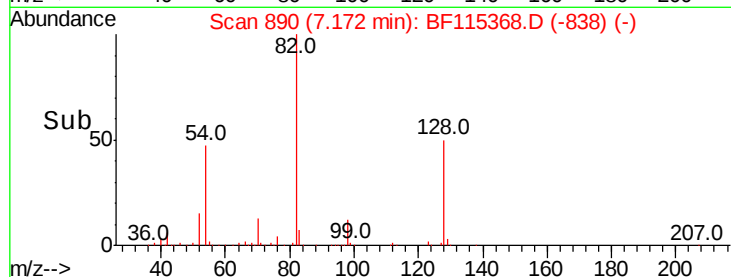
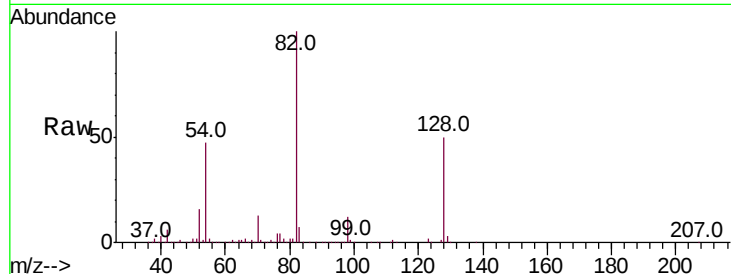
#23
 Nitrobenzene-d5
 Concen: 84.754 ng
 RT: 7.17 min Scan# 890
 Delta R.T. 0.01 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.1	40.4	60.6
54	47.2	37.5	56.3

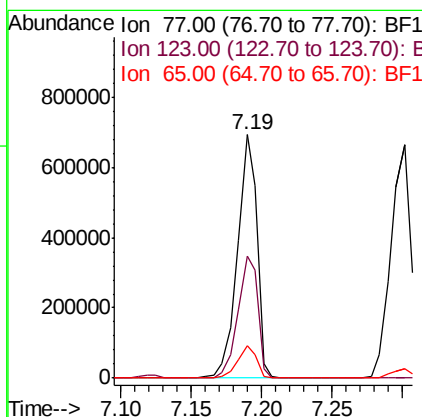
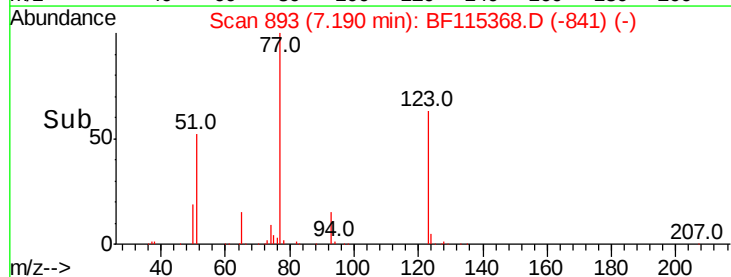
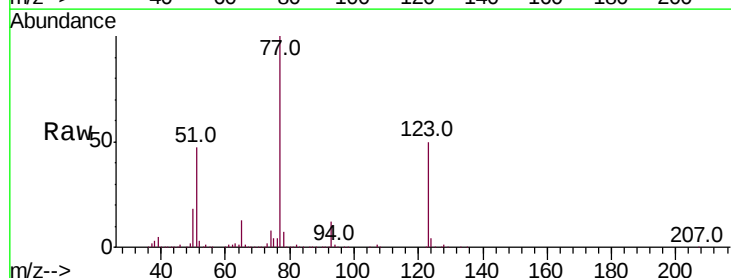
Manual Integrations
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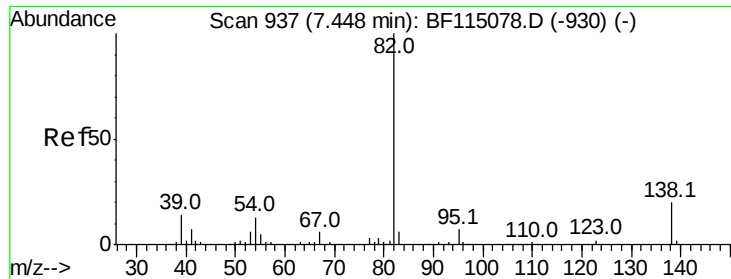
mohammad
 7/3/2019 10:51:48 PM



#24
 Nitrobenzene
 Concen: 40.164 ng
 RT: 7.19 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	41.0	61.6
65	13.1	10.5	15.7





#25

Isophorone

Concen: 38.516 ng

RT: 7.44 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

Tot Ion: 82 Resp: 1177246

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

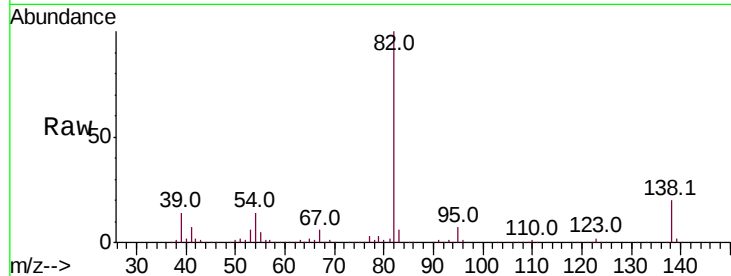
138 20.4 15.9 23.9

Manual Integrations

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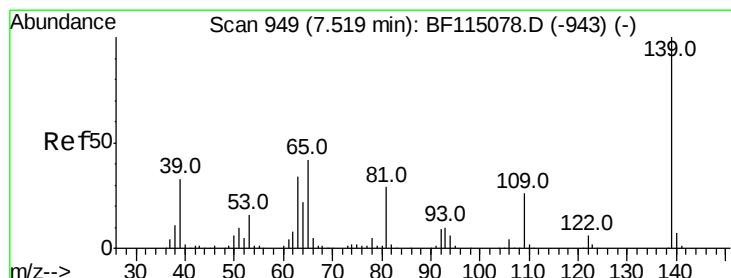
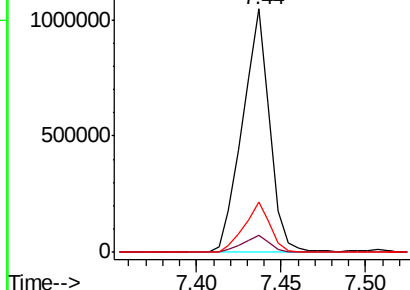
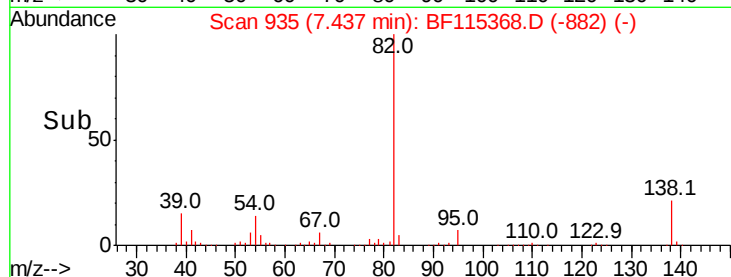
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.687 ng

RT: 7.51 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

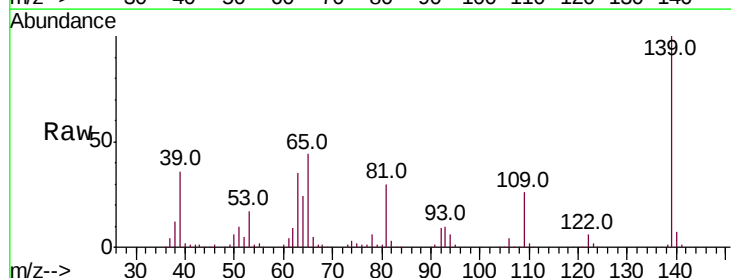
Tgt Ion: 139 Resp: 362744

Ion Ratio Lower Upper

139 100

109 25.9 20.4 30.6

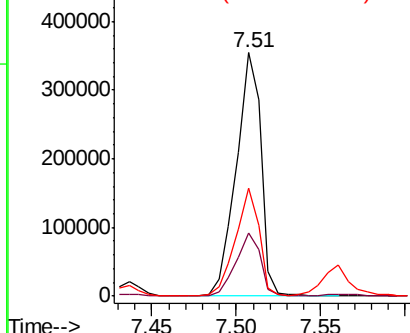
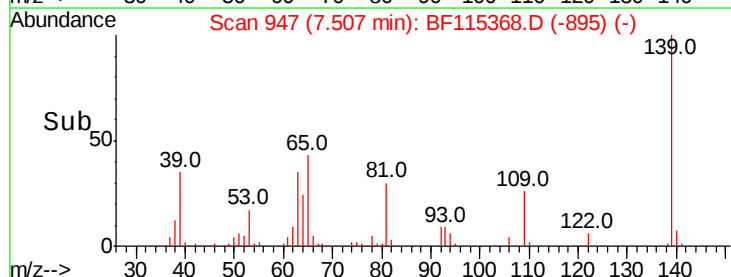
65 44.4 33.6 50.4

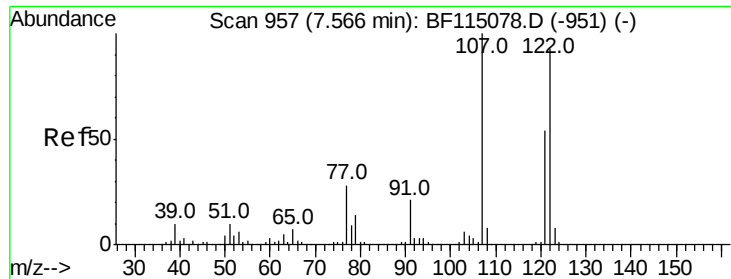


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





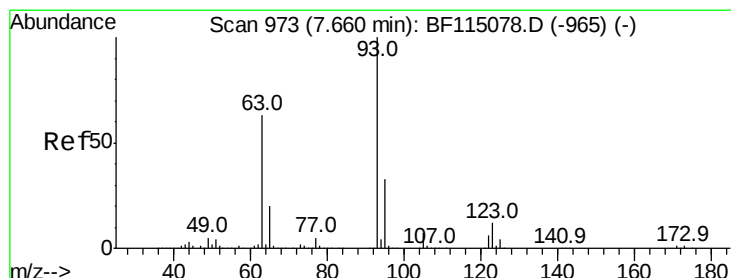
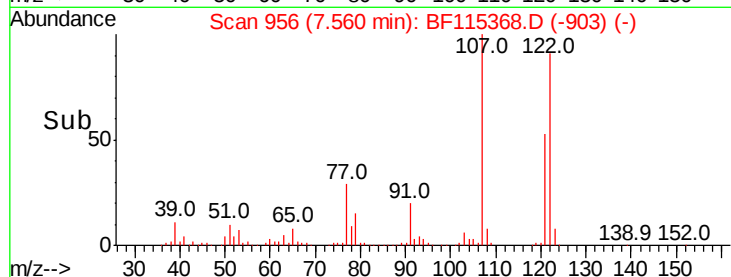
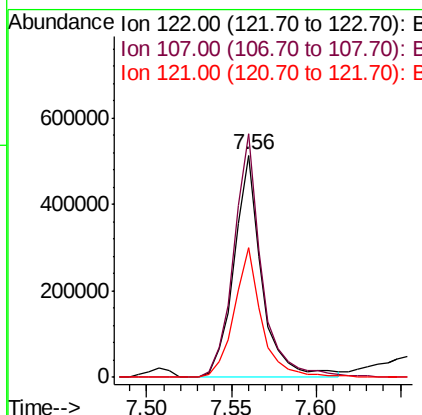
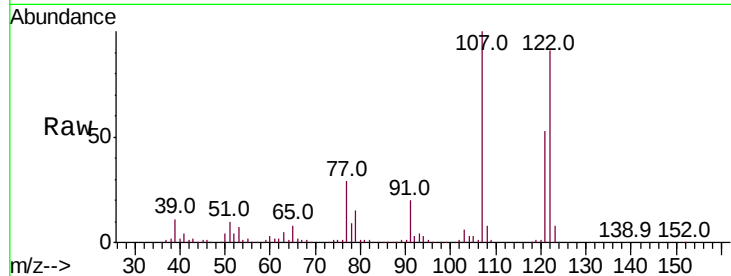
#27
2,4-Dimethylphenol
Concen: 44.234 ng
RT: 7.56 min Scan# 956
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.6	85.8	128.6
121	58.5	46.3	69.5

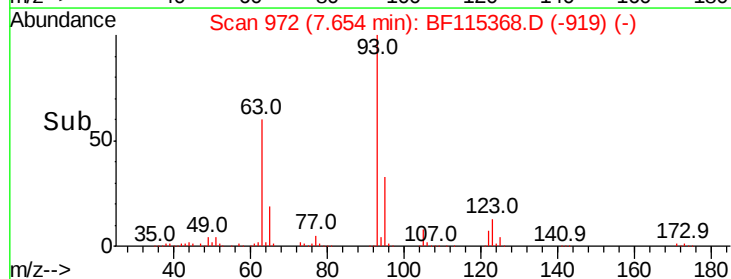
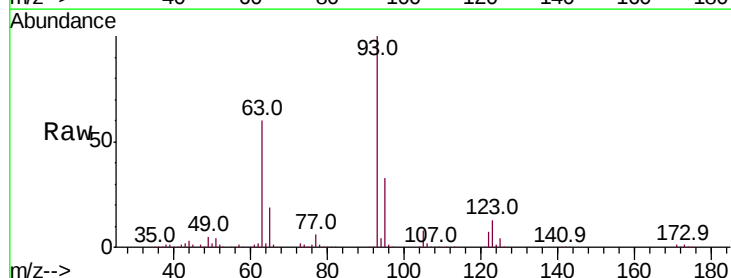
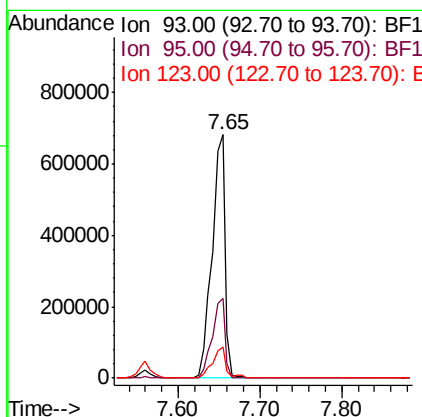
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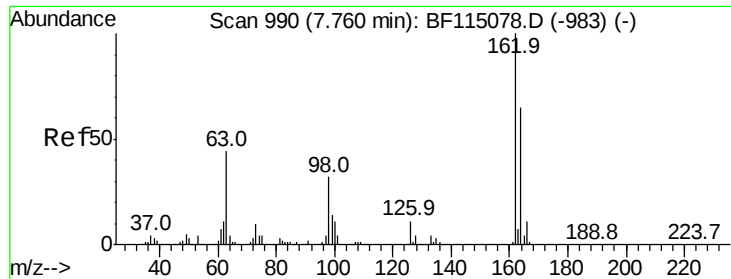
mohammad
7/3/2019 10:51:48 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.301 ng
RT: 7.65 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.4
123	13.0	9.7	14.5





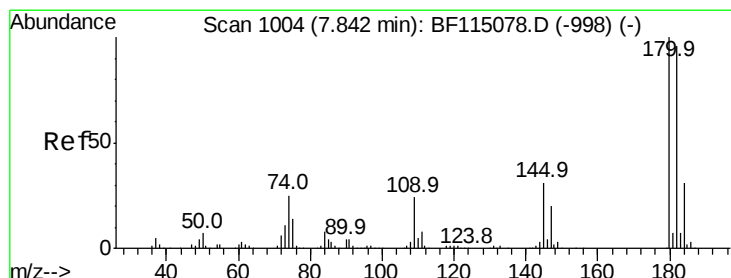
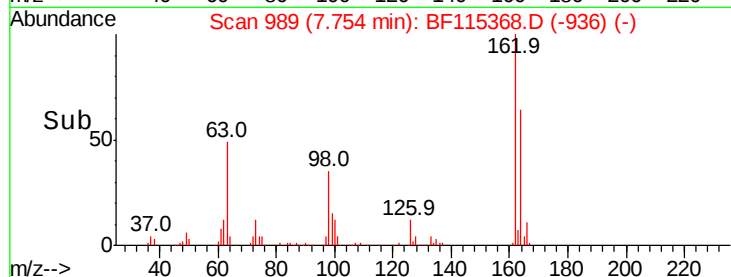
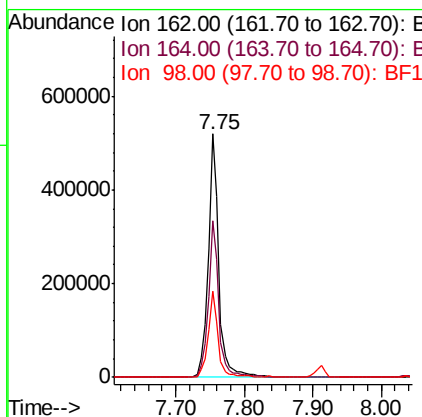
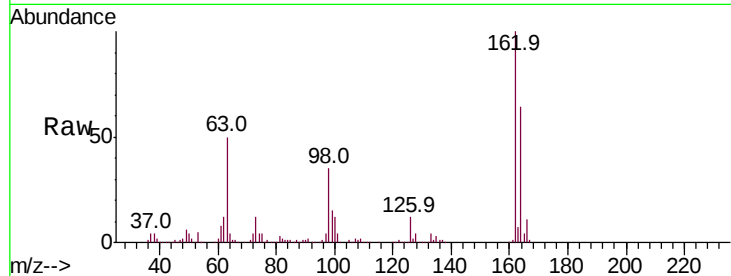
#29
2,4-Dichlorophenol
Concen: 41.454 ng
RT: 7.75 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.1	45.3	85.3	
98	35.5	12.5	52.5	

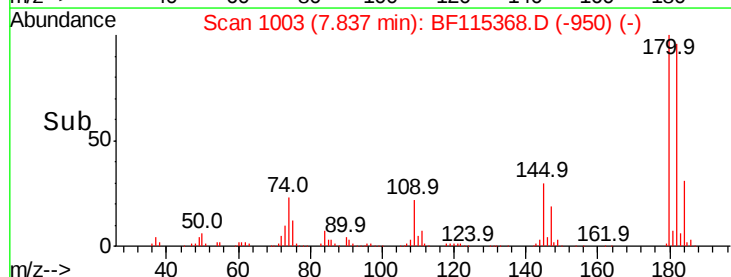
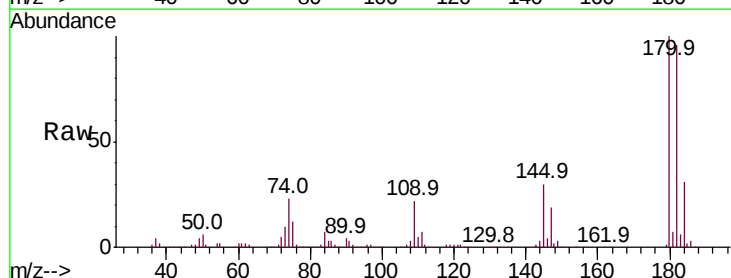
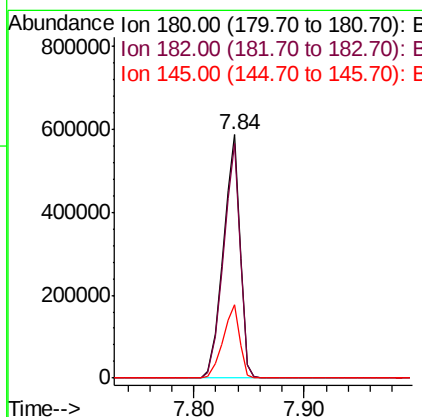
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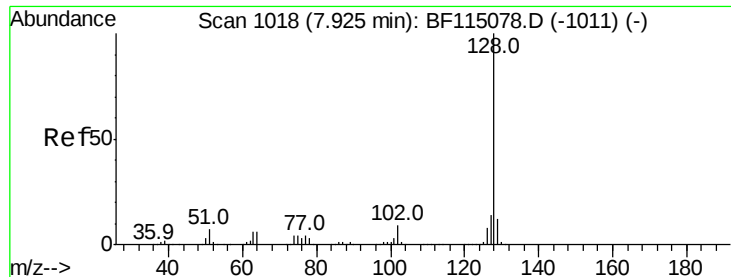
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.089 ng
RT: 7.84 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.4	76.4	114.6	
145	30.2	24.8	37.2	





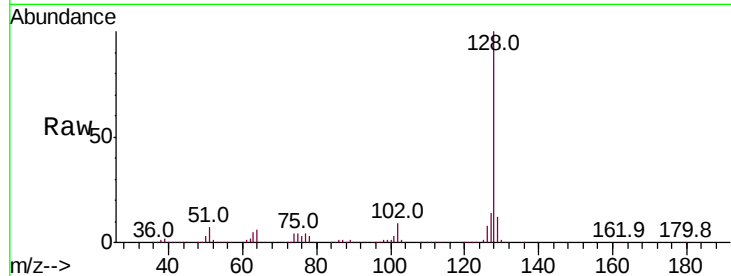
#31
Naphthalene
Concen: 41.613 ng
RT: 7.91 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

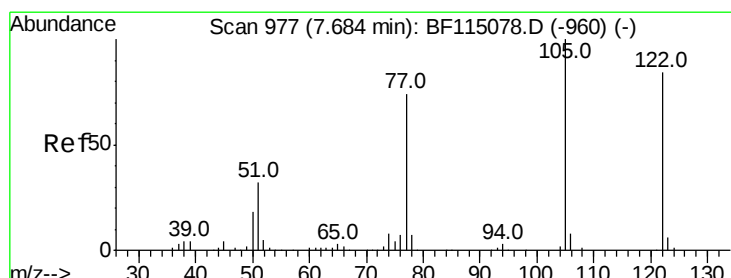
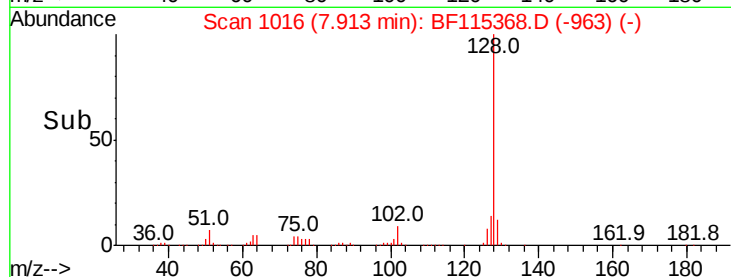
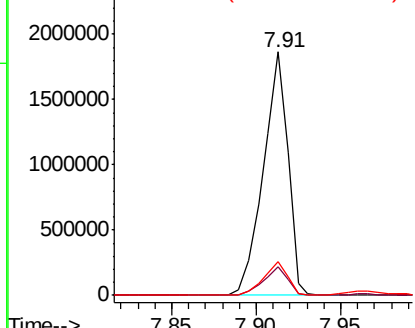
Tot Ion:128 Resp: 1874836
Ion Ratio Lower Upper
128 100
129 11.9 9.6 14.4
127 13.7 11.4 17.0

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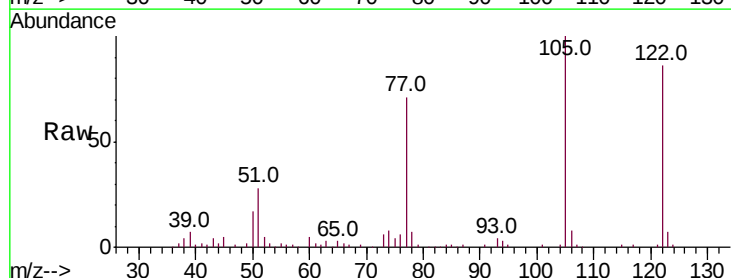


Abundance Ion 128.00 (127.70 to 128.70): E
2500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

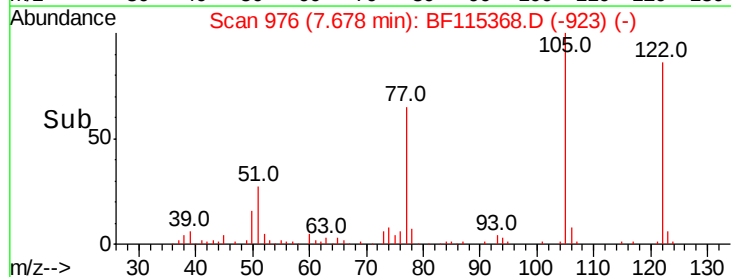
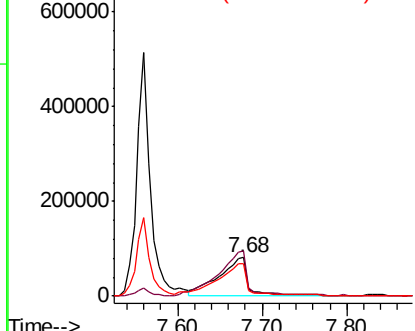


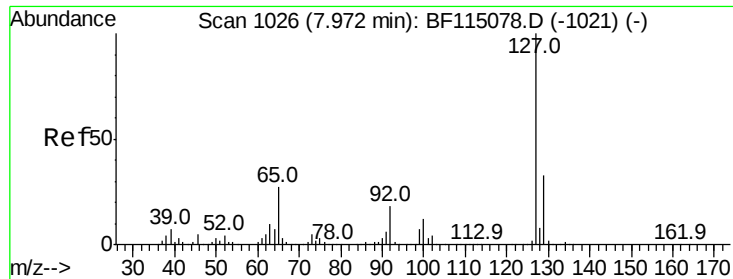
#32
Benzoic acid
Concen: 20.535 ng
RT: 7.68 min Scan# 976
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion:122 Resp: 194814
Ion Ratio Lower Upper
122 100
105 116.4 98.2 138.2
77 83.2 67.0 107.0



Abundance Ion 122.00 (121.70 to 122.70): E
600000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





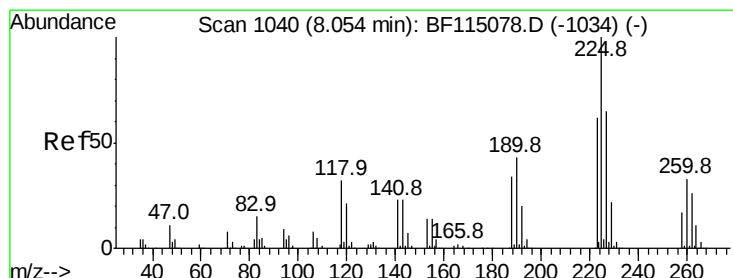
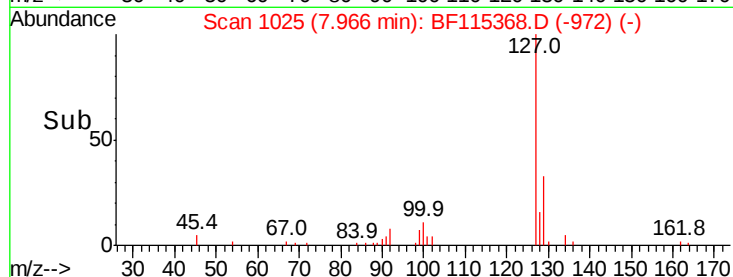
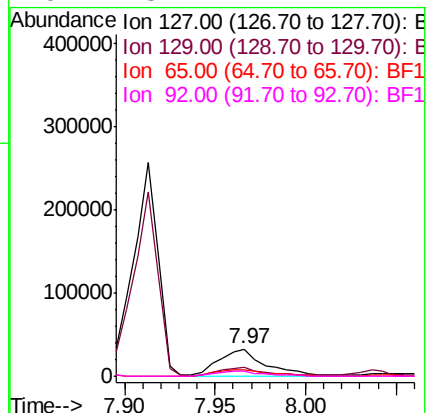
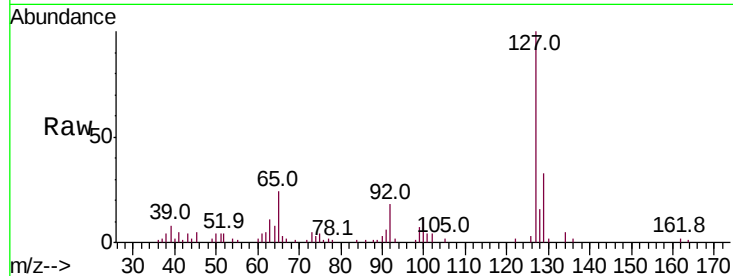
#33
 4-Chloroaniline
 Concen: 2.954 ng
 RT: 7.97 min Scan# 1025
 Delta R.T. 0.01 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.1	39.1		
65	23.8	21.4	32.2		
92	18.1	14.1	21.1		

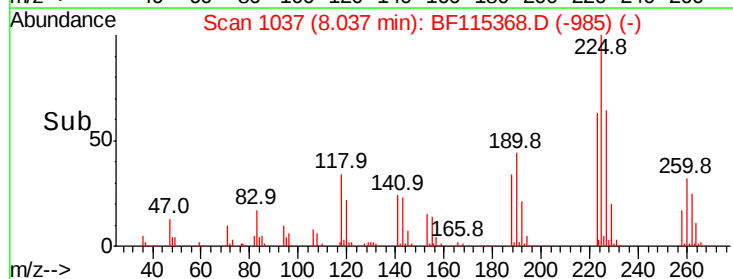
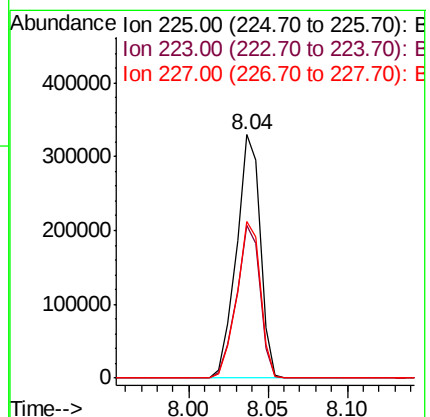
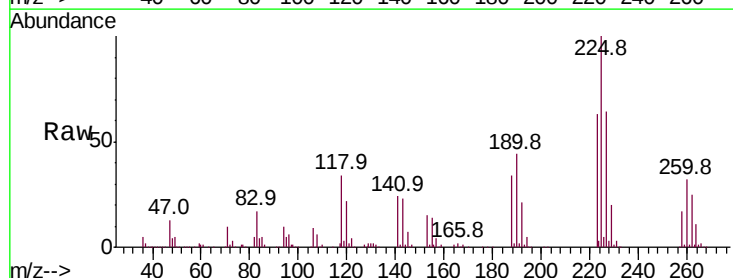
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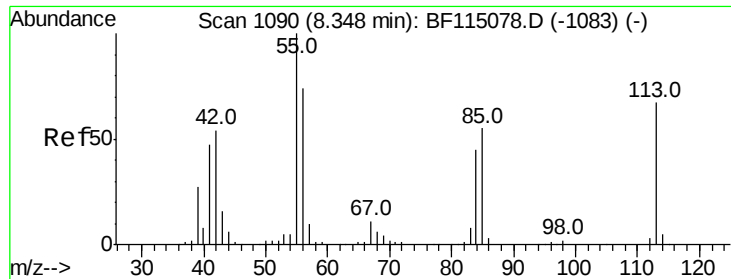
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#34
 Hexachlorobutadiene
 Concen: 41.280 ng
 RT: 8.04 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	49.4	74.2		
227	64.3	51.8	77.8		





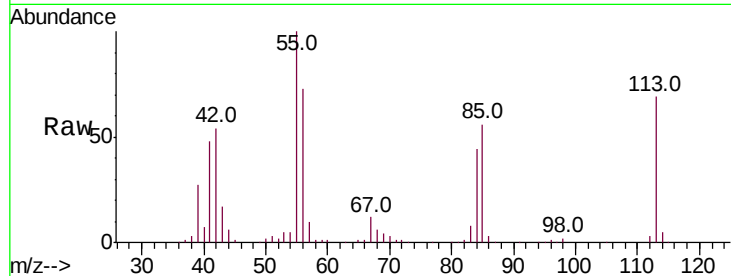
#35
 Caprolactam
 Concen: 30.896 ng/ml
 RT: 8.34 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MS

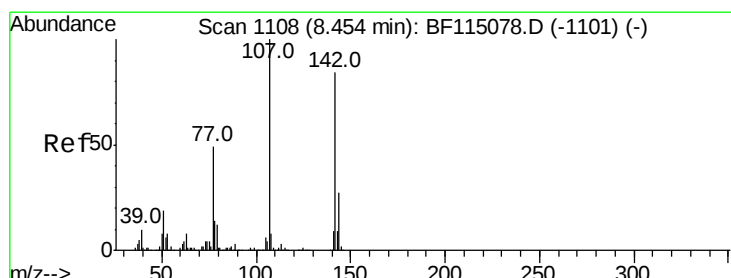
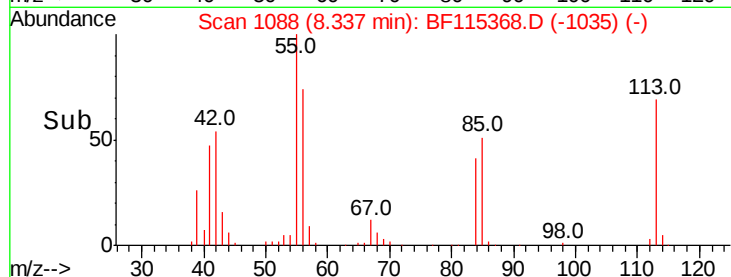
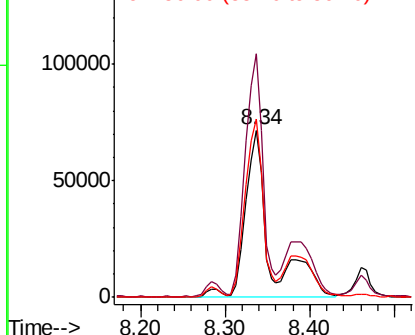
Tot Ion	Ratio	Lower	Upper
113	100		
55	145.4	130.2	170.2
56	106.9	91.6	131.6

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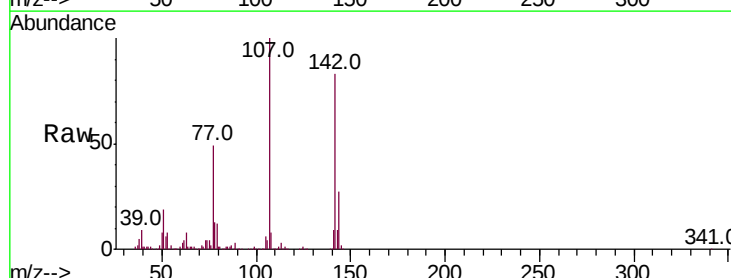


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

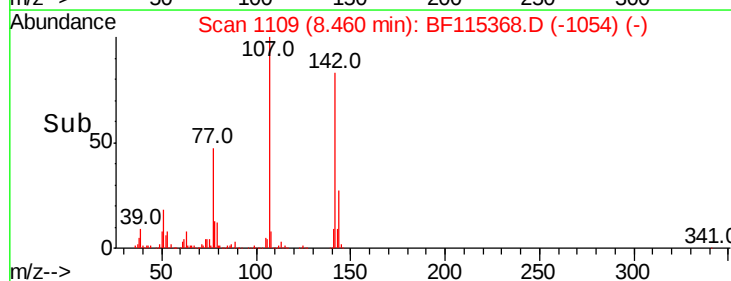
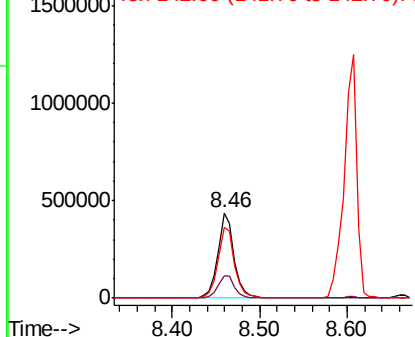


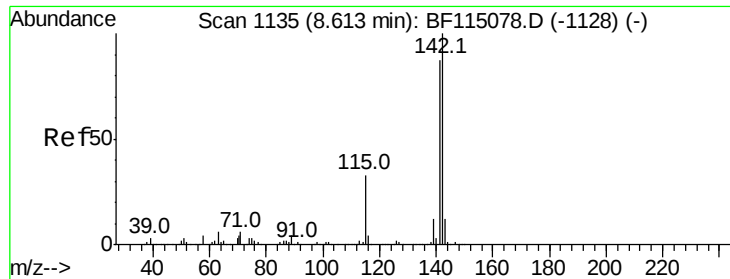
#36
 4-Chloro-3-methylphenol
 Concen: 40.609 ng/ml
 RT: 8.46 min Scan# 1109
 Delta R.T. 0.02 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.7	32.5
142	82.8	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





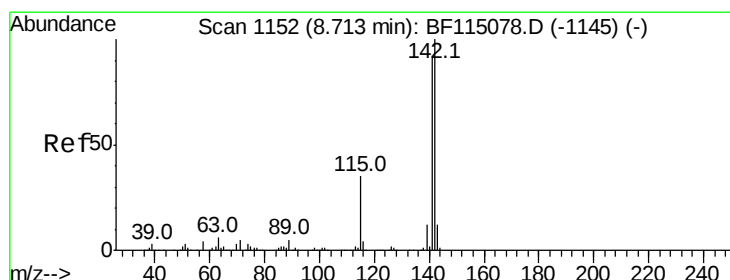
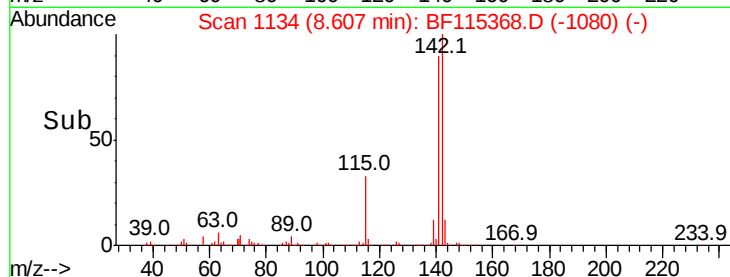
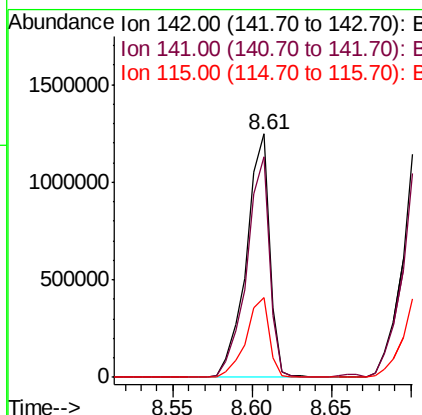
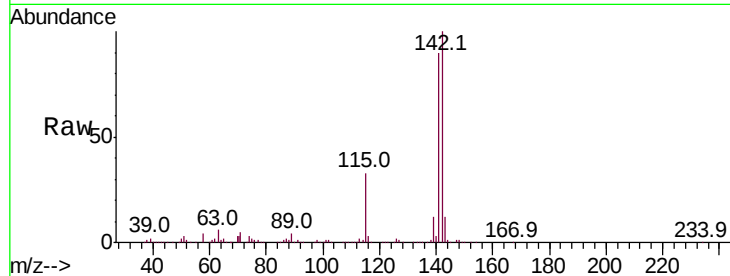
#37
2-Methylnaphthalene
Concen: 41.608 ng
RT: 8.61 min Scan# 1134
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tot Ion:142 Resp: 1263959
Ion Ratio Lower Upper
142 100
141 90.4 69.8 104.6
115 32.9 26.7 40.1

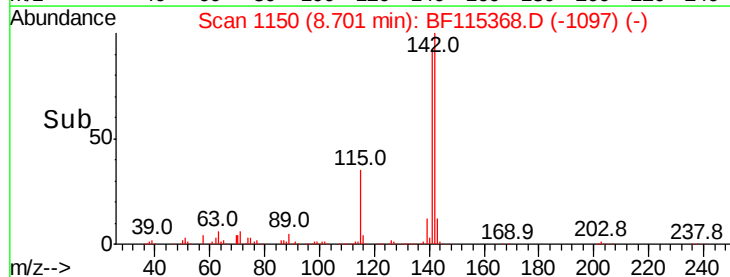
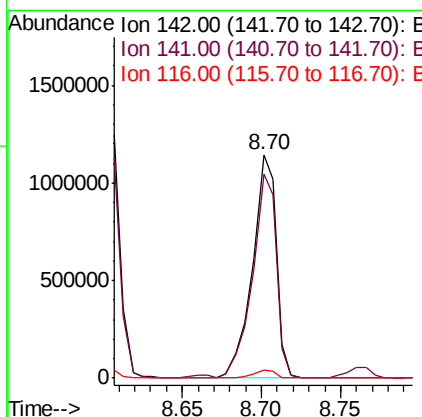
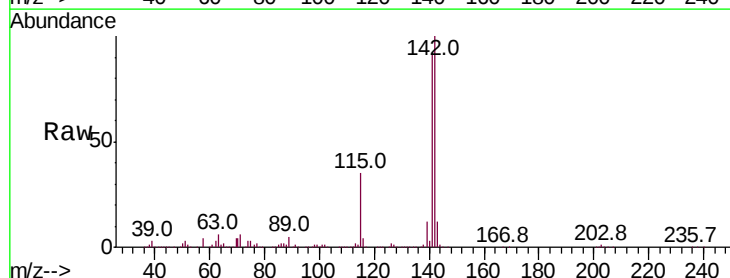
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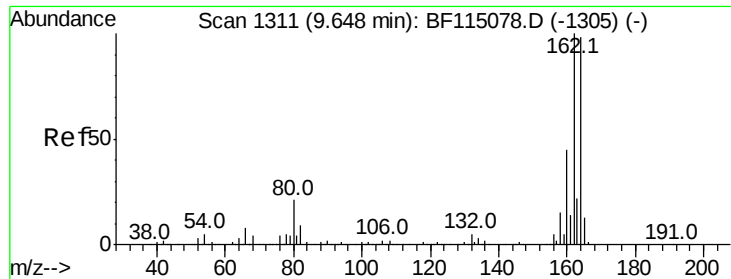
mohammad
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#38
1-Methylnaphthalene
Concen: 41.240 ng
RT: 8.70 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion:142 Resp: 1196470
Ion Ratio Lower Upper
142 100
141 91.5 73.8 110.8
116 3.7 2.8 4.2





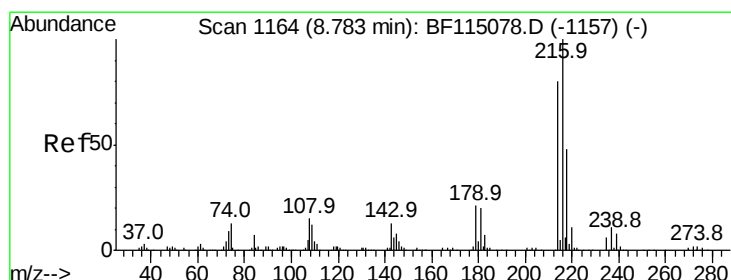
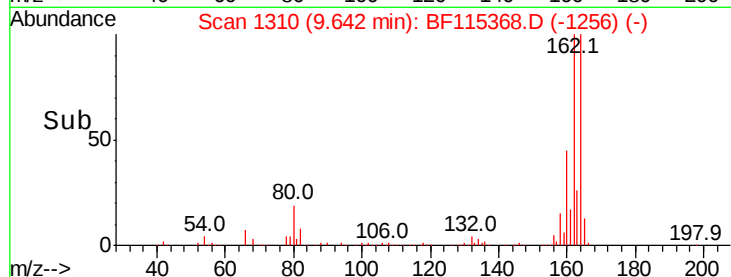
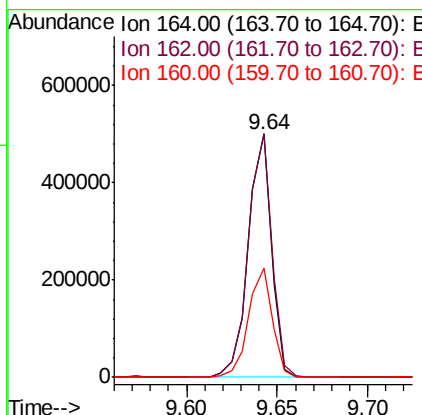
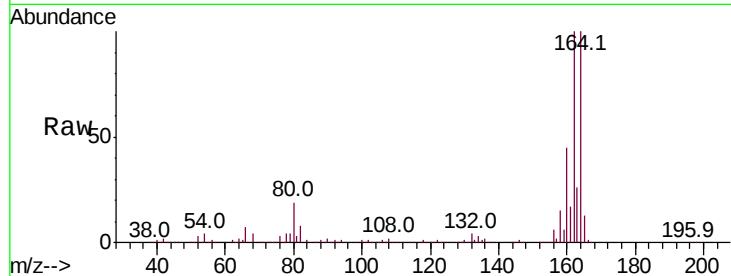
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.7	122.5
160	45.1	37.0	55.4

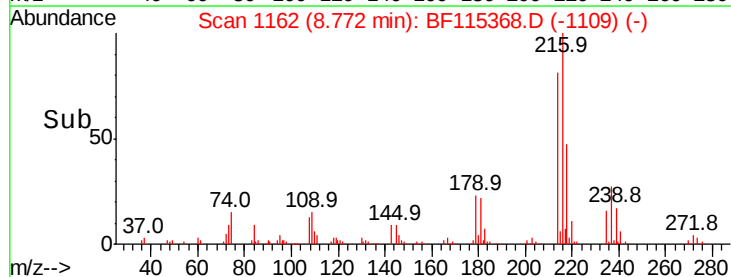
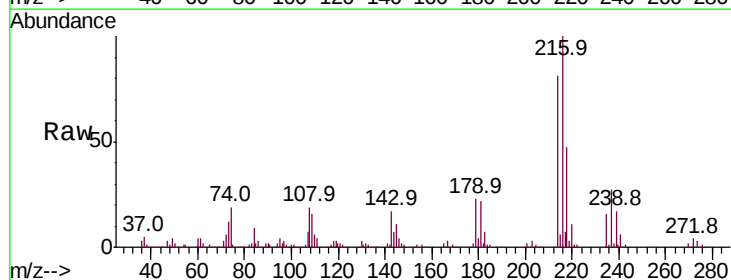
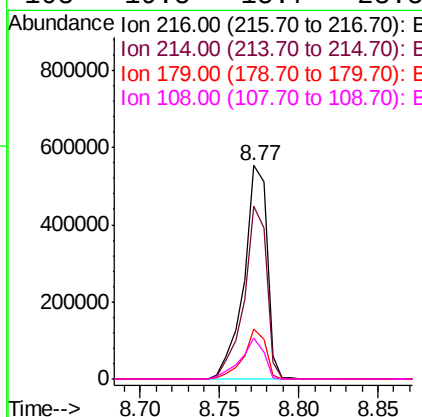
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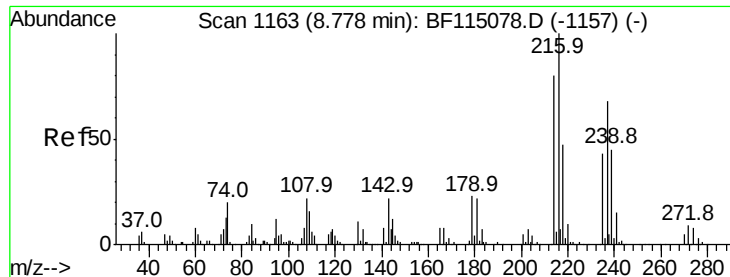
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.343 ng
RT: 8.77 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.6
179	22.1	17.6	26.4
108	19.5	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 62.674 ng

RT: 8.77 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

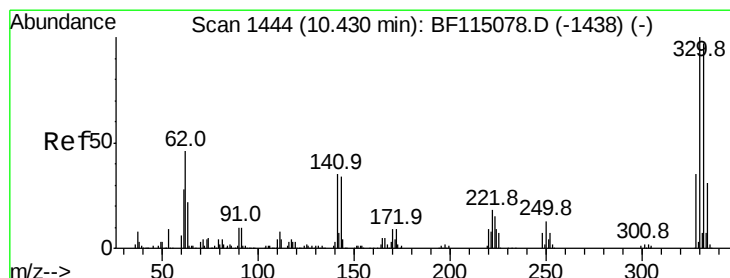
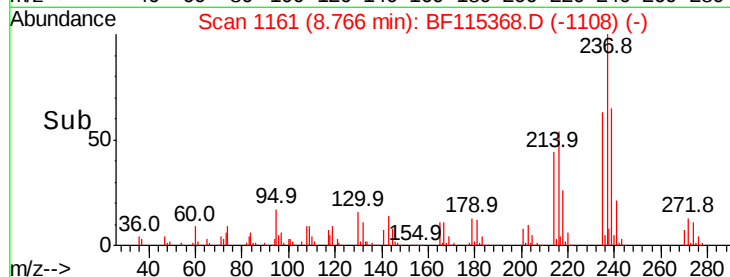
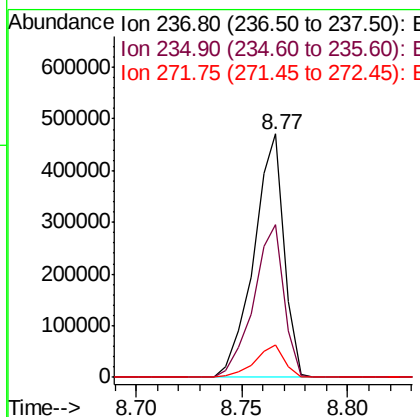
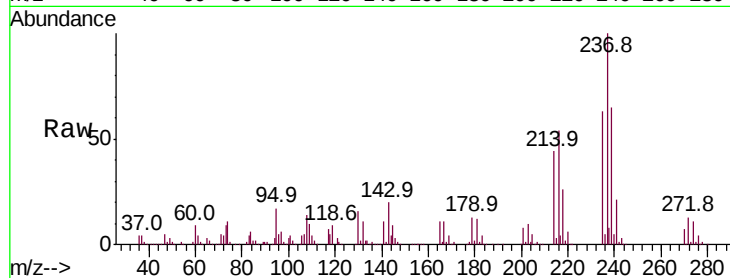
ClientSampleId :

OK-01-062819MS

Tot Ion:	237	Resp:	467931
Ion Ratio	Lower	Upper	
237	100		
235	62.6	43.9	83.9
272	13.2	0.0	33.8

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#42

2,4,6-Tribromophenol

Concen: 122.833 ng

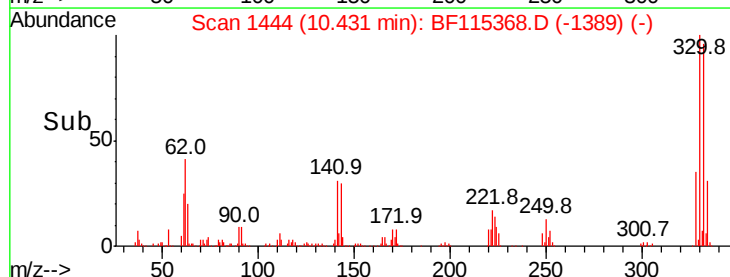
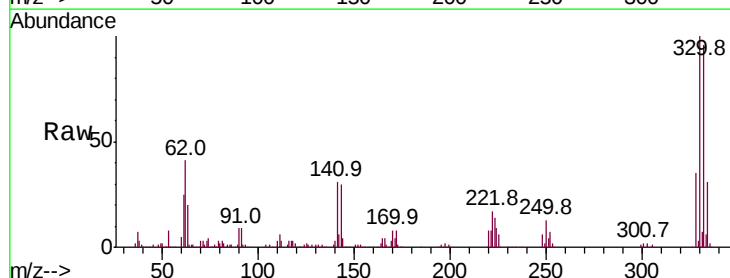
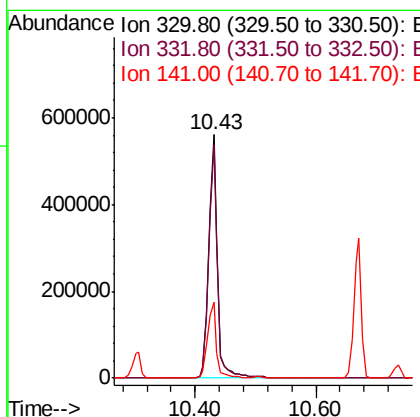
RT: 10.43 min Scan# 1444

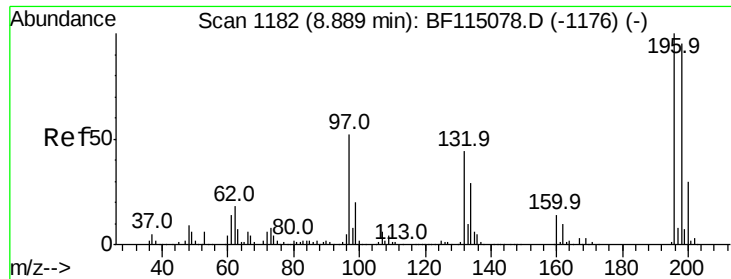
Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Tgt Ion:	330	Resp:	577159
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.3	115.9
141	31.4	28.2	42.2





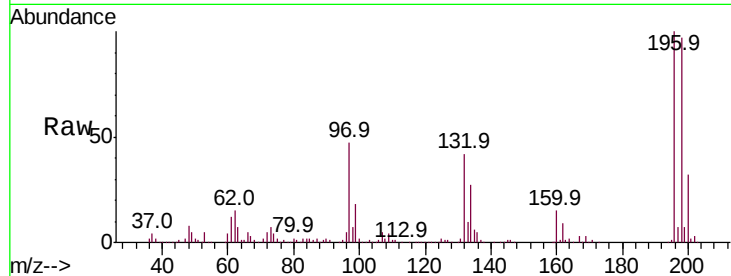
#43
 2,4,6-Trichlorophenol
 Concen: 40.861 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.02 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	397202		
198	97.1	76.3	114.5	
200	31.7	24.2	36.4	

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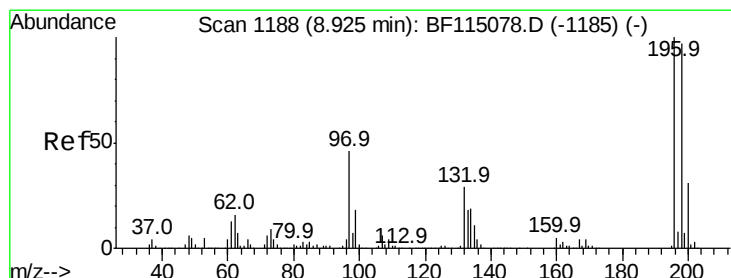
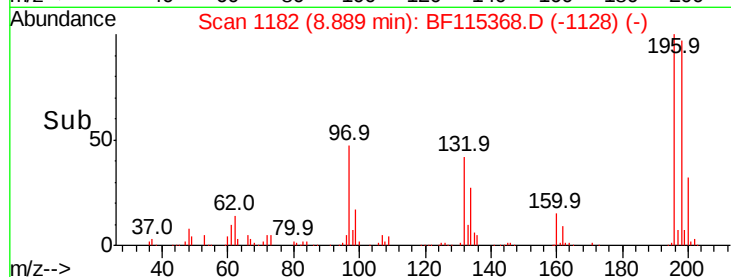
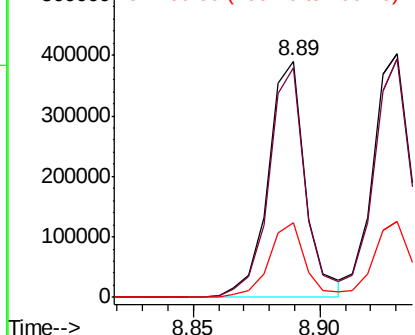


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 45.420 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.02 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	454683		
198	98.0	77.1	115.7	
97	41.0	37.7	56.5	
132	26.6	23.1	34.7	

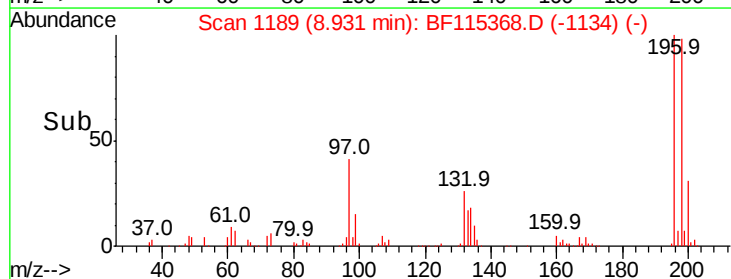
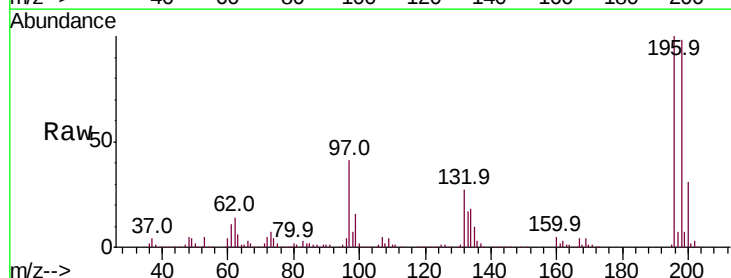
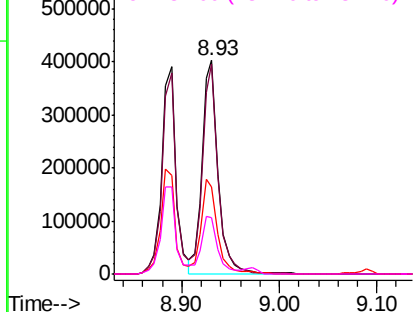
Abundance

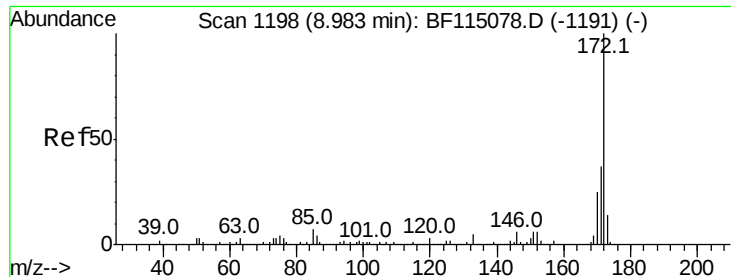
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





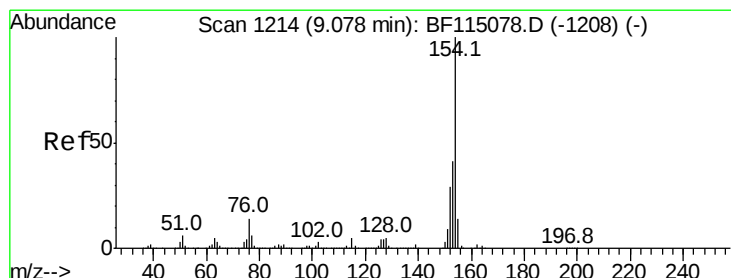
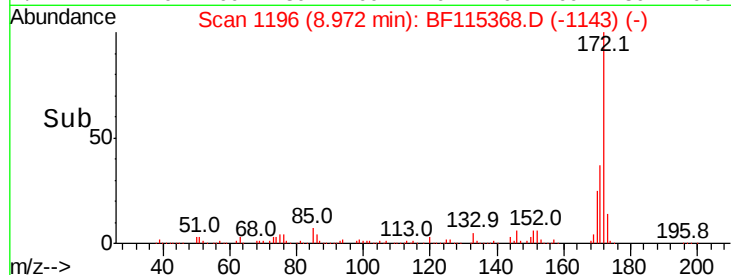
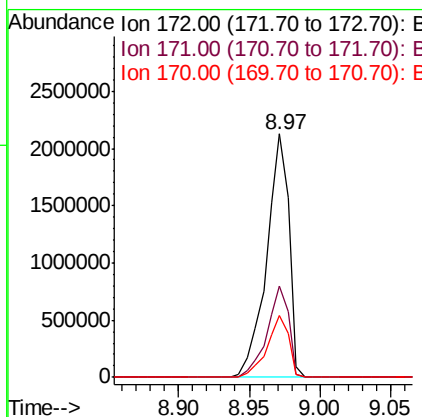
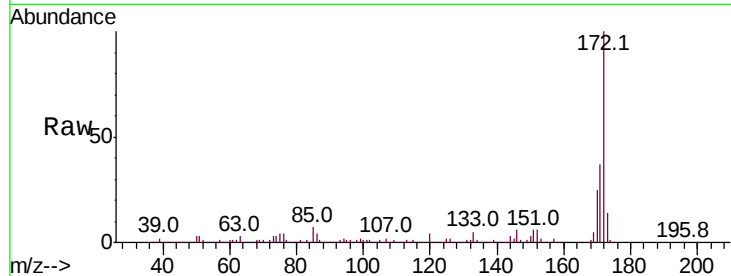
#45
2-Fluorobiphenyl
Concen: 90.089 ng
RT: 8.97 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tot Ion:172 Resp: 2363169
Ion Ratio Lower Upper
172 100
171 37.4 29.8 44.6
170 25.4 20.3 30.5

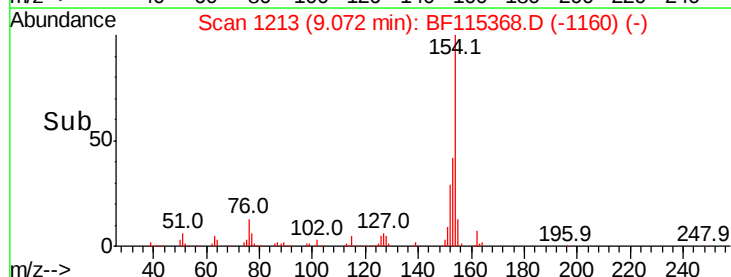
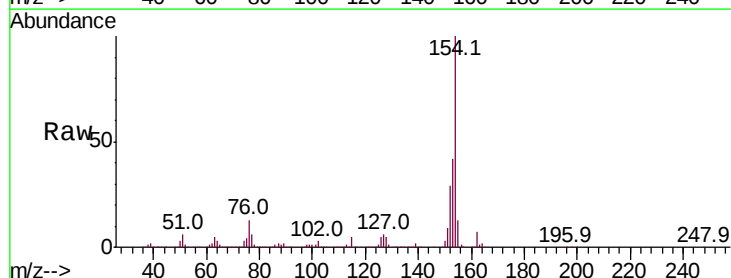
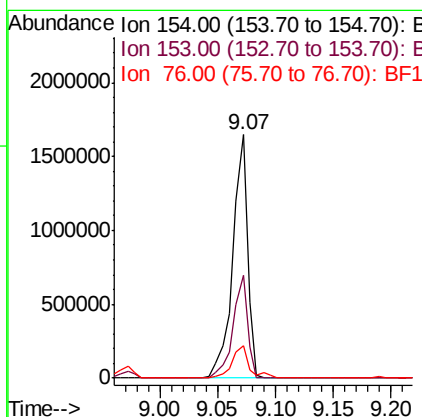
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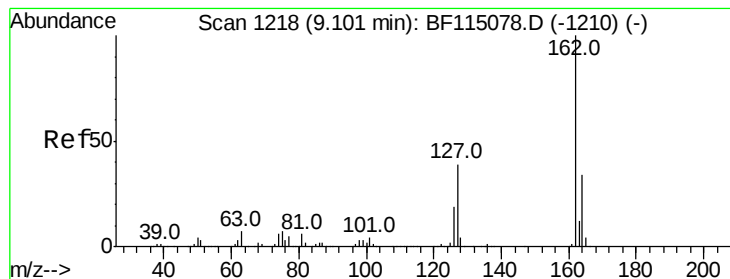
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#46
1,1'-Biphenyl
Concen: 41.169 ng
RT: 9.07 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion:154 Resp: 1467753
Ion Ratio Lower Upper
154 100
153 42.0 20.9 60.9
76 13.1 0.0 34.1





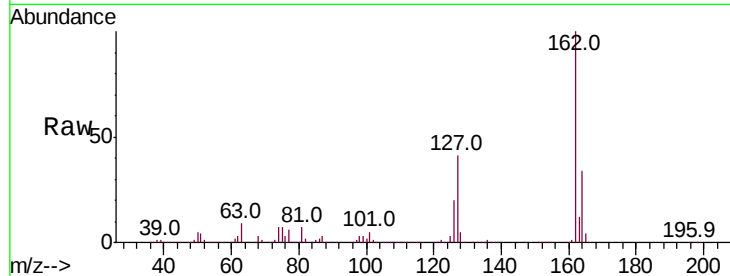
#47
2-Chloronaphthalene
Concen: 41.004 ng
RT: 9.09 min Scan# 1216
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	30.8	46.2
164	33.8	27.0	40.4

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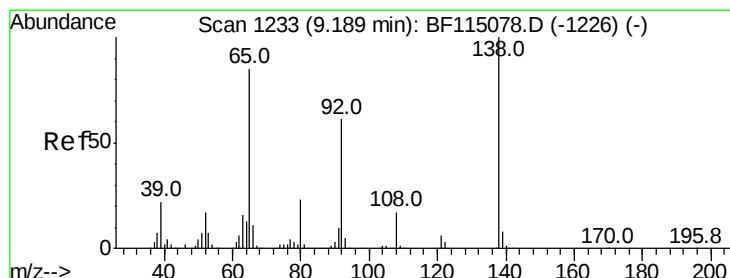
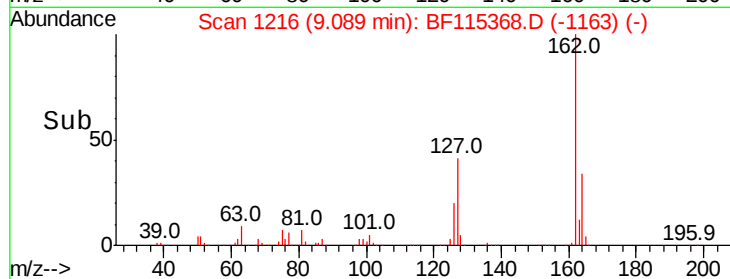
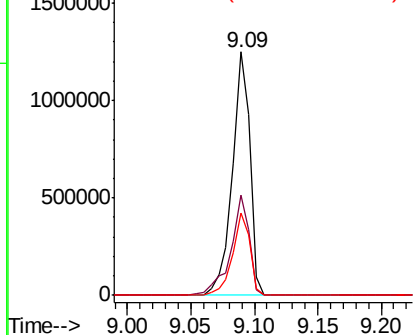


Abundance

Ion 162.00 (161.70 to 162.70): E

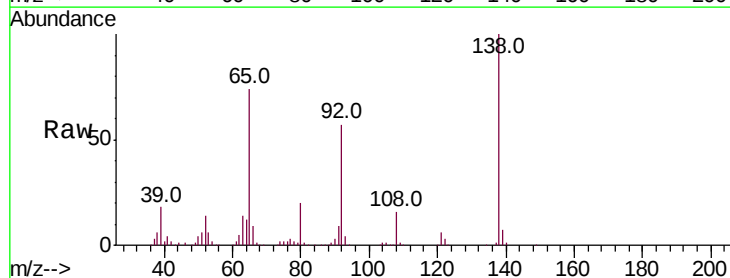
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.375 ng
RT: 9.19 min Scan# 1233
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.4	57.4	86.2
138	134.7	94.1	141.1

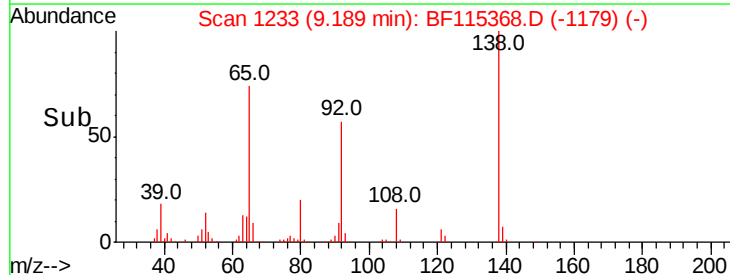
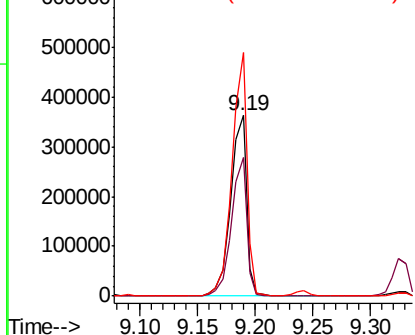


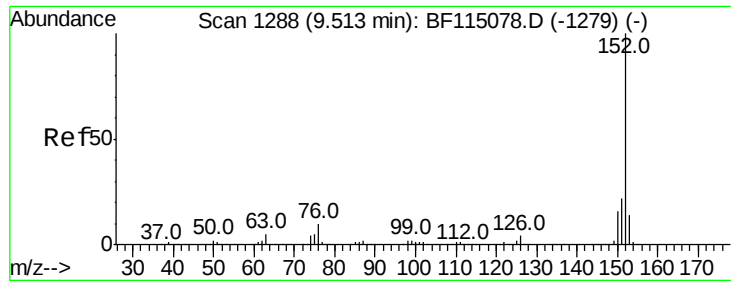
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





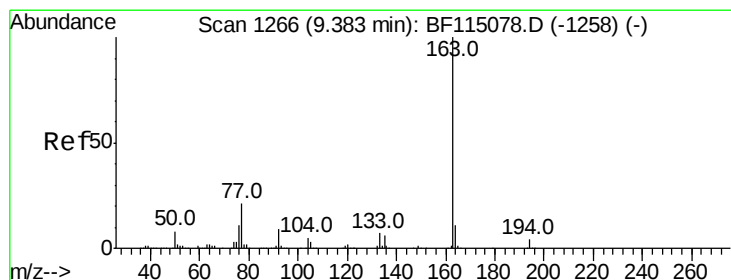
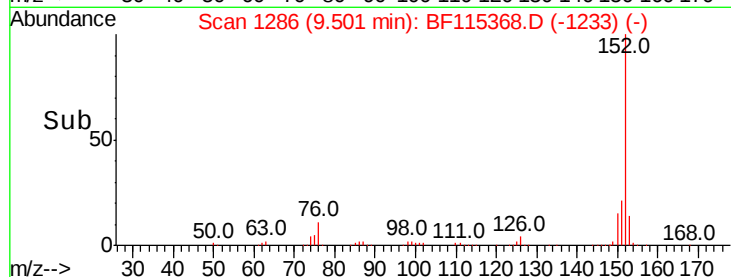
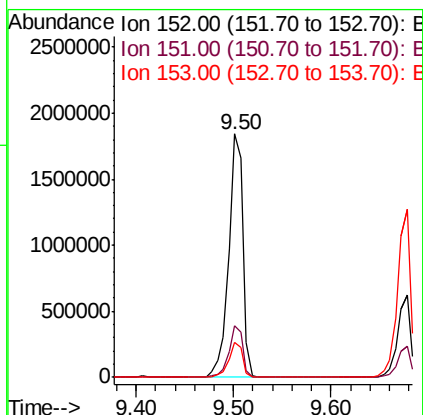
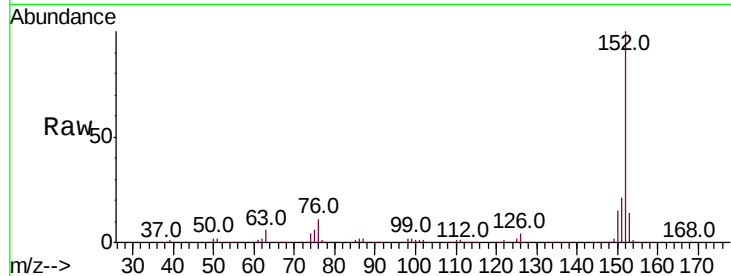
#49
Acenaphthylene
Concen: 41.175 ng
RT: 9.50 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.2	25.8
153	14.1	11.0	16.6

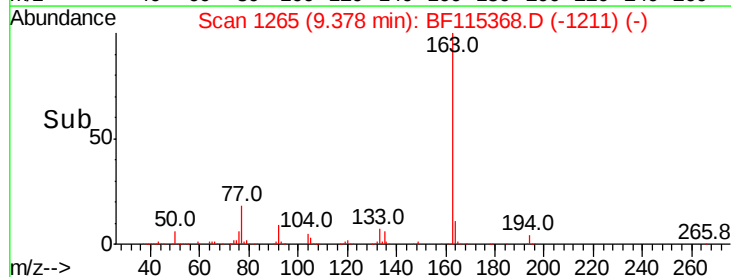
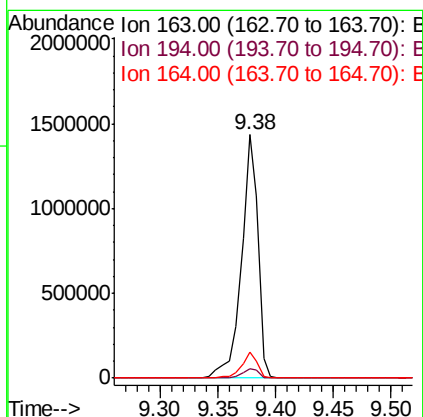
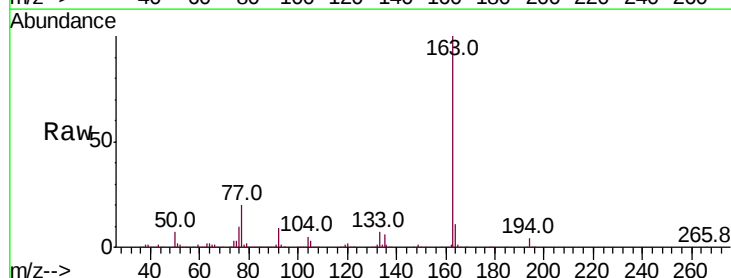
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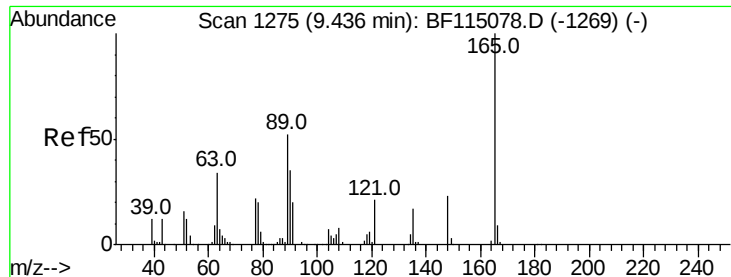
mohammad
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#50
Dimethylphthalate
Concen: 43.101 ng
RT: 9.38 min Scan# 1265
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.7	8.6	13.0





#51

2,6-Dinitrotoluene

Concen: 43.728 ng

RT: 9.43 min Scan# 1274

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

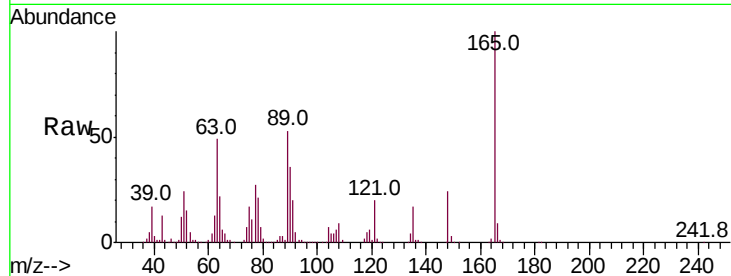
ClientSampleId :

OK-01-062819MS

Tot Ion:	165	Resp:	330951
Ion Ratio	Lower	Upper	
165	100		
63	49.2	39.4	59.2
89	52.8	42.0	63.0

Manual Integrations
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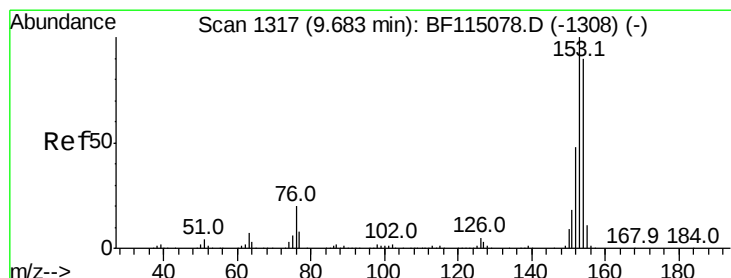
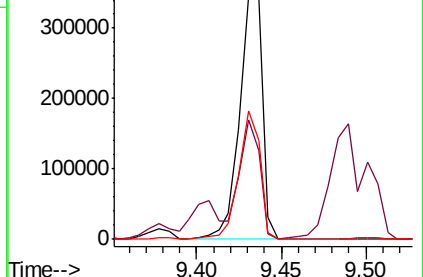
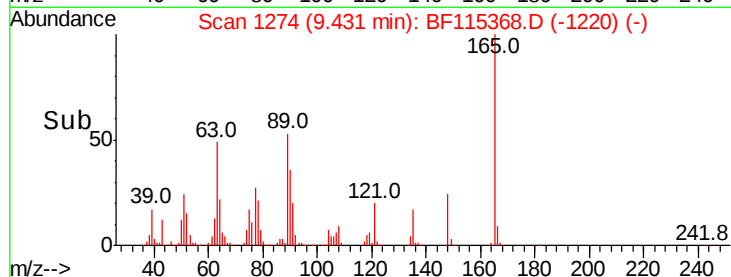
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 37.802 ng

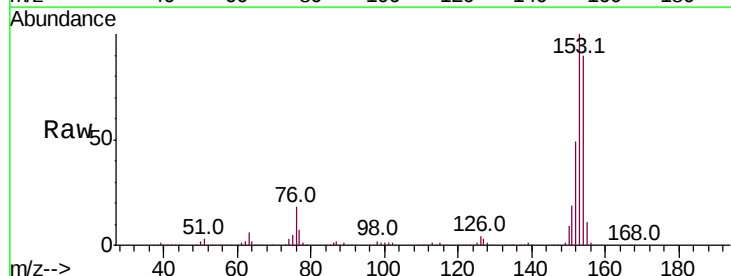
RT: 9.68 min Scan# 1316

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

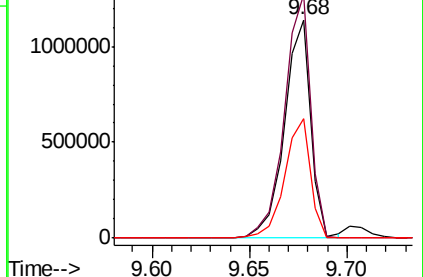
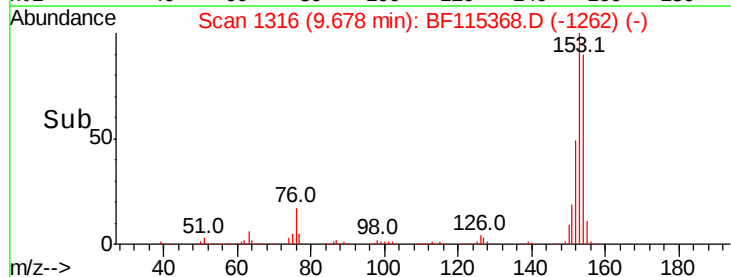
Tgt Ion:	154	Resp:	1065824
Ion Ratio	Lower	Upper	
154	100		
153	111.6	88.7	133.1
152	54.8	42.6	64.0

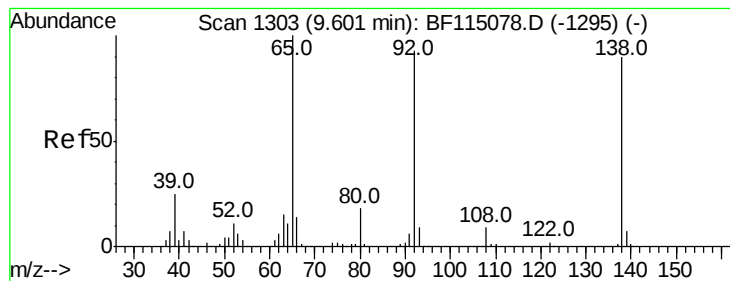


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 11.780 ng

RT: 9.59 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

Tot Ion:138 Resp: 108798

Ion Ratio Lower Upper

138 100

108 10.4 7.8 11.6

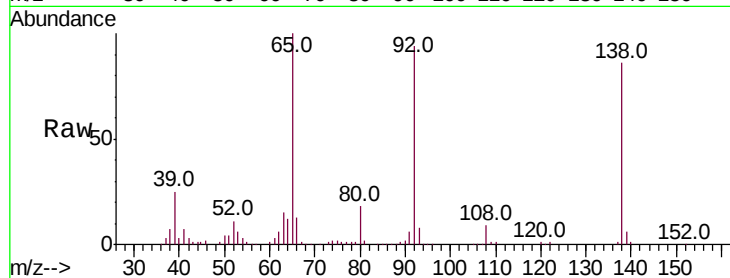
92 109.4 82.9 124.3

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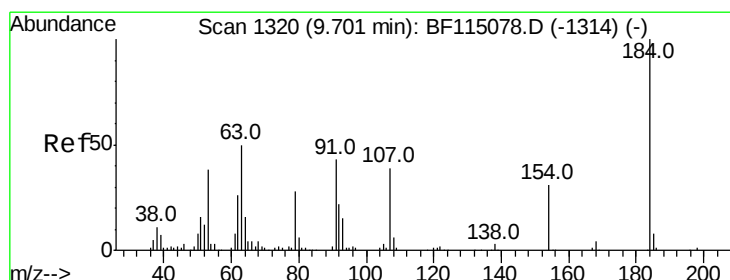
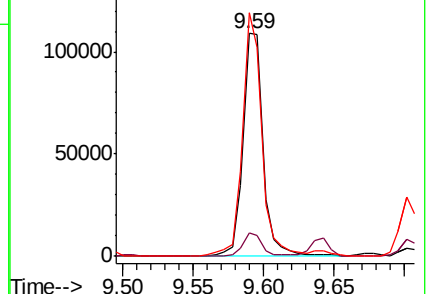
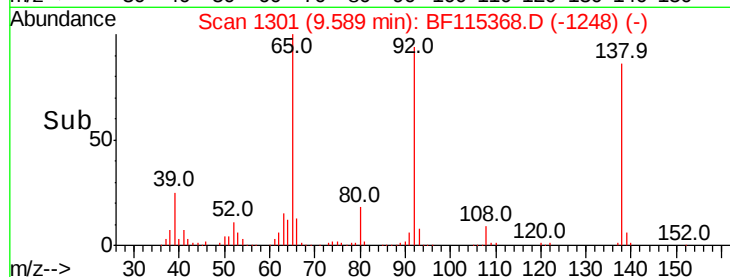
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 33.970 ng

RT: 9.70 min Scan# 1320

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

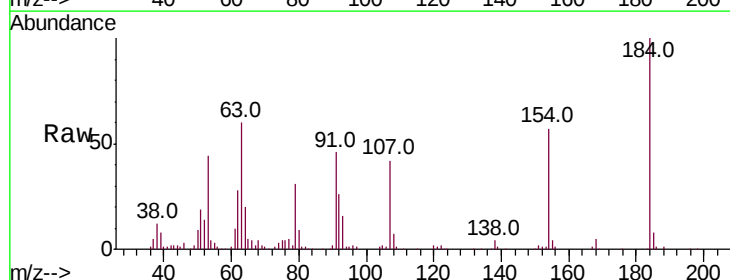
Tgt Ion:184 Resp: 114175

Ion Ratio Lower Upper

184 100

63 60.5 41.9 62.9

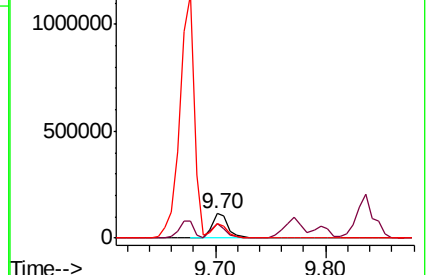
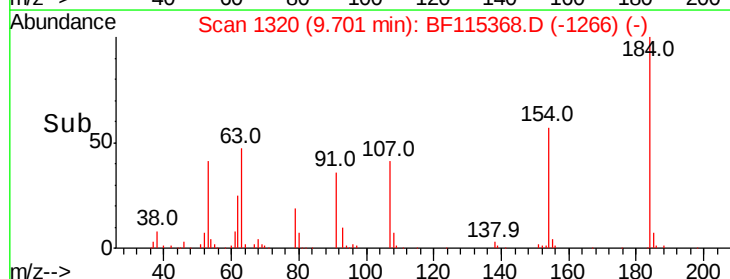
154 57.3 44.7 67.1

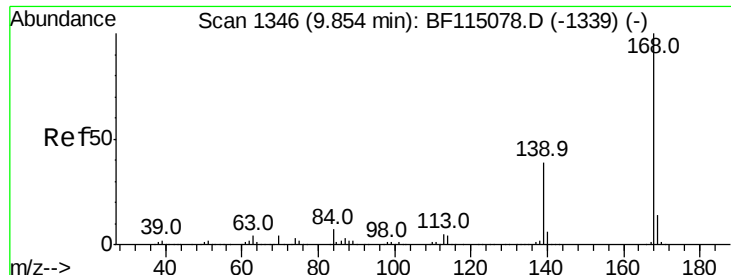


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





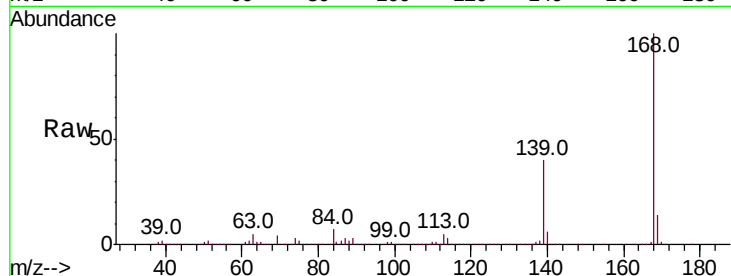
#55
Dibenzofuran
Concen: 39.128 ng
RT: 9.85 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

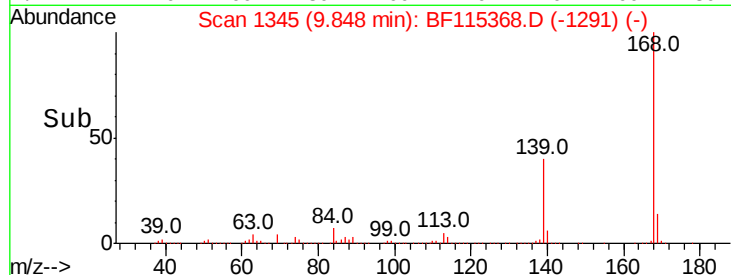
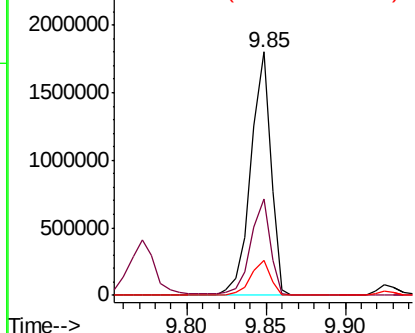
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.1	46.7
169	14.1	11.3	16.9

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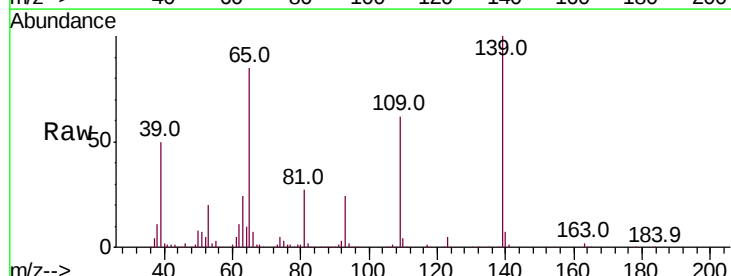
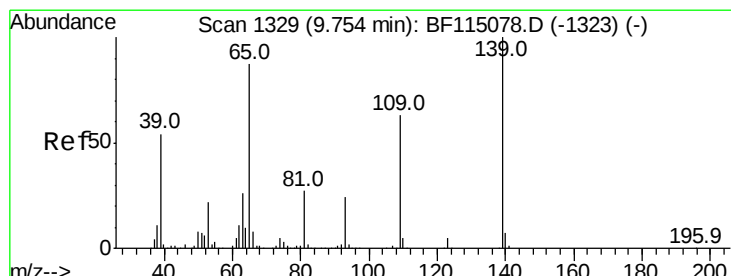
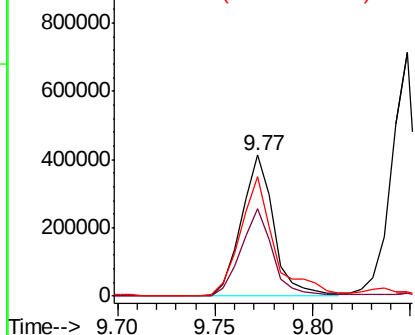
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

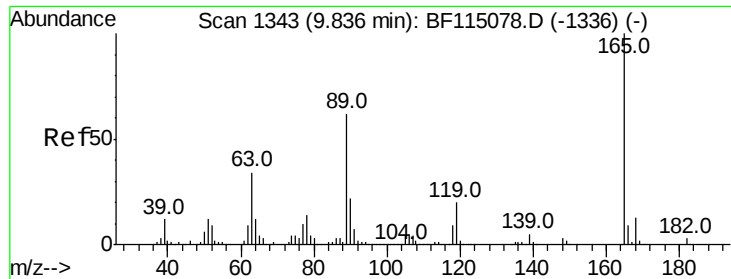


#56
4-Nitrophenol
Concen: 64.686 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.04 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.4	43.0	83.0
65	84.5	67.0	107.0

Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





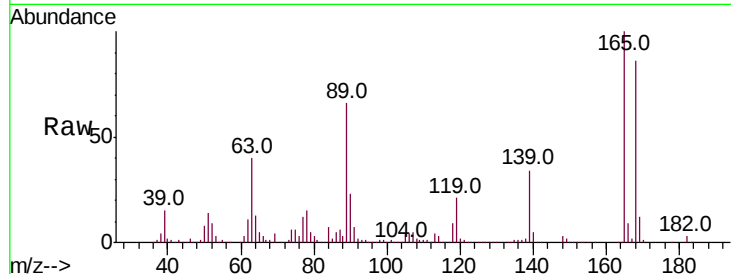
#57
2,4-Dinitrotoluene
Concen: 43.366 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

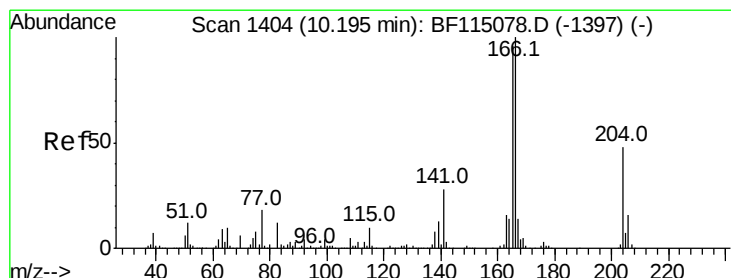
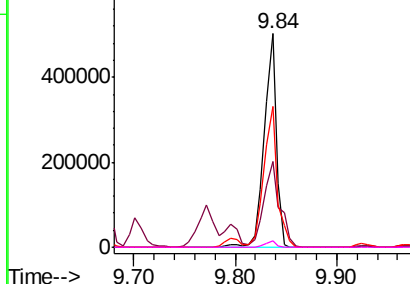
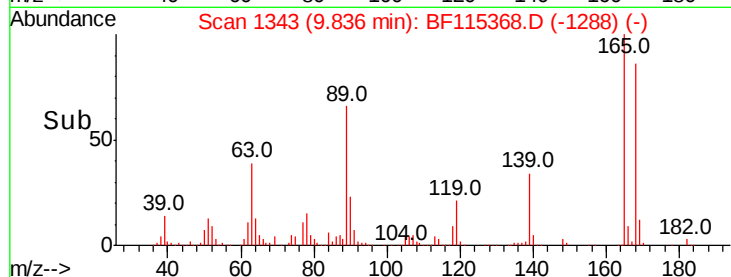
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.4	27.5	41.3	
89	65.9	49.9	74.9	
182	2.8	2.1	3.1	

Manual Integrations
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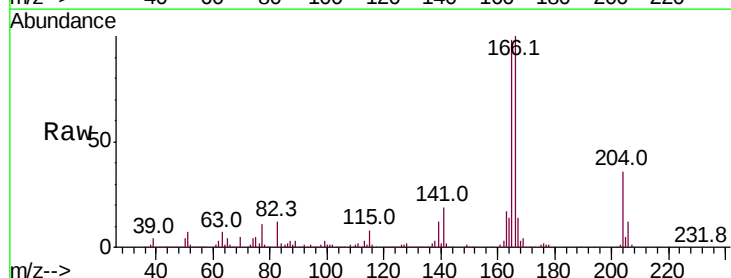


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

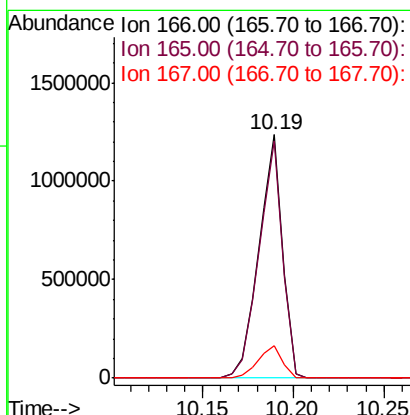
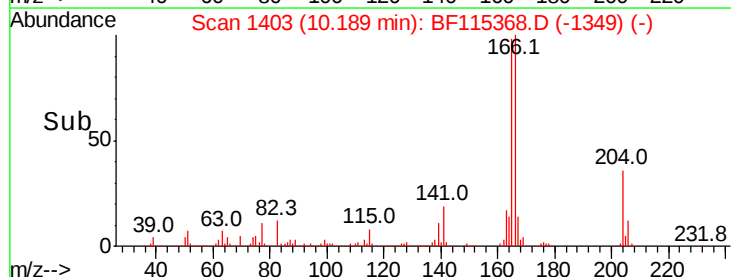


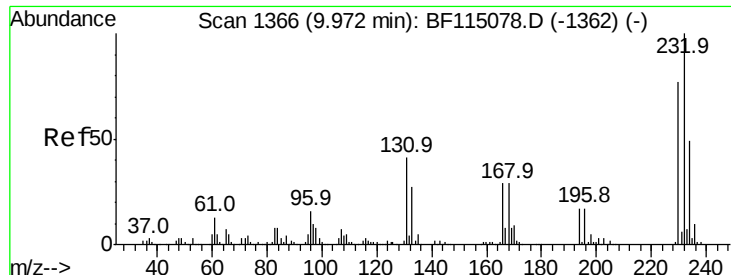
#58
Fluorene
Concen: 41.159 ng
RT: 10.19 min Scan# 1403
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.6	76.5	114.7	
167	13.6	11.0	16.4	



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





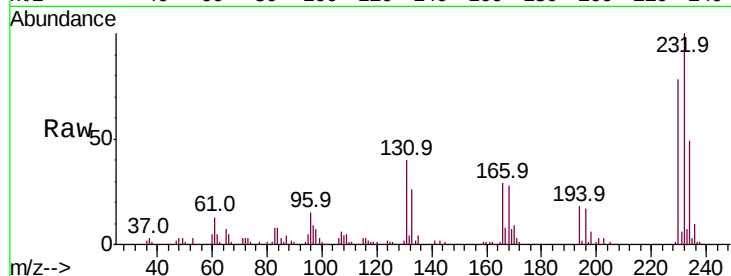
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.765 ng
 RT: 9.97 min Scan# 1366
 Delta R.T. 0.02 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MS

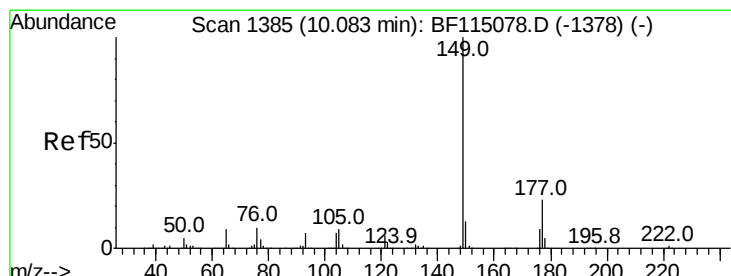
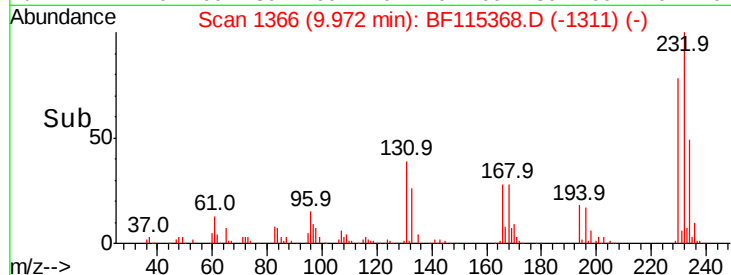
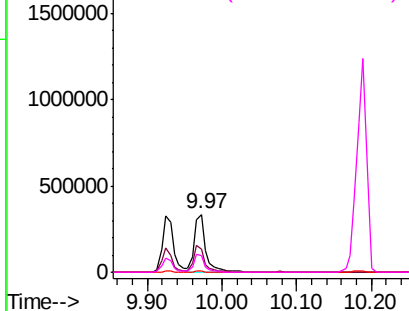
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.2	37.4	56.0
130	2.1	1.8	2.6
166	29.9	24.6	36.8

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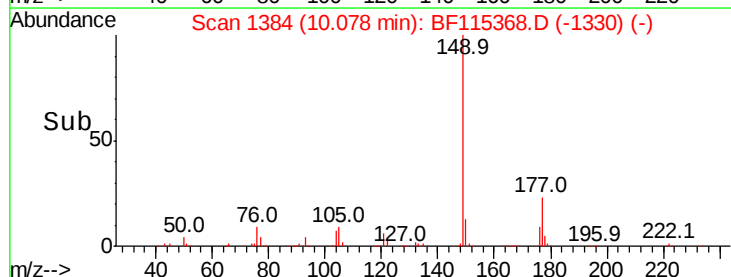
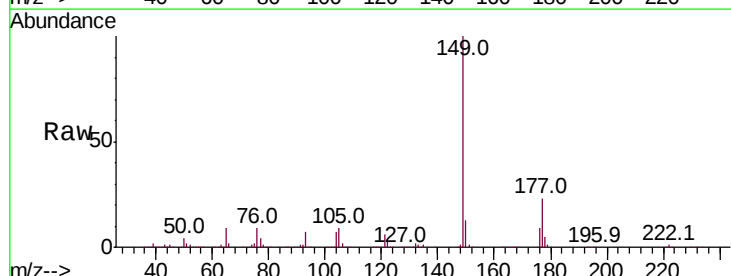
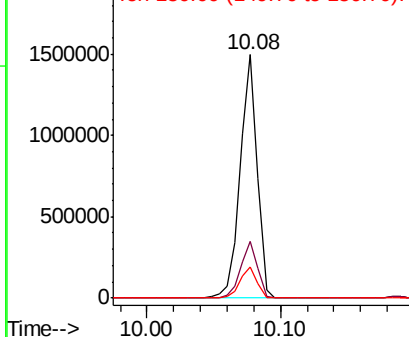
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

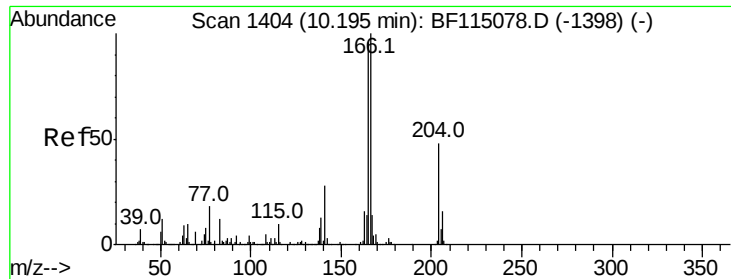


#60
 Diethylphthalate
 Concen: 40.287 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.02 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.7	28.1
150	12.9	10.4	15.6

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





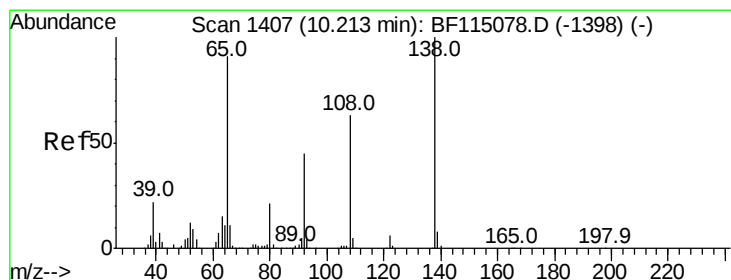
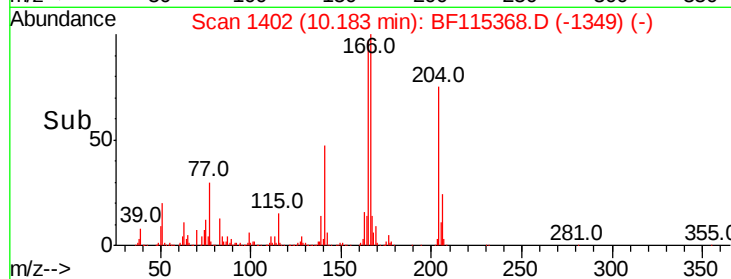
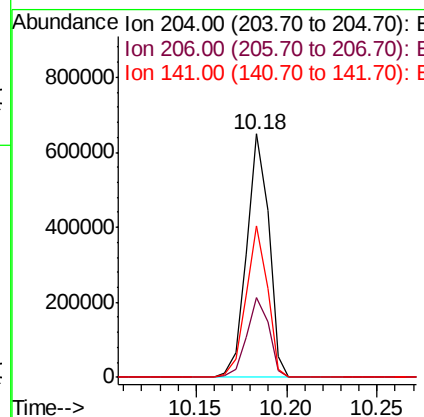
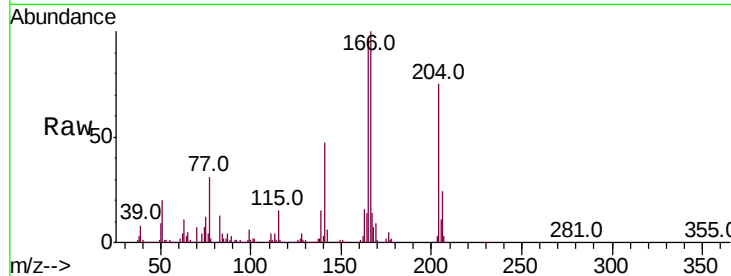
#61
4-Chlorophenyl-phenylether
Concen: 42.759 ng
RT: 10.18 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	40.0
141	62.2	46.7	70.1

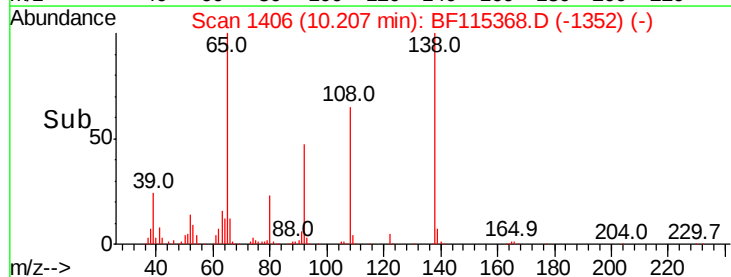
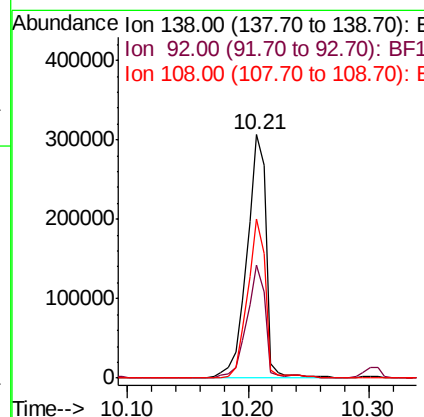
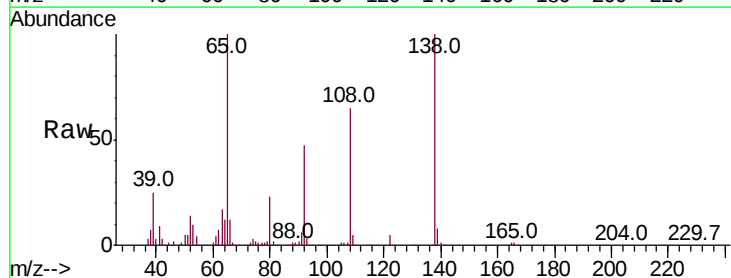
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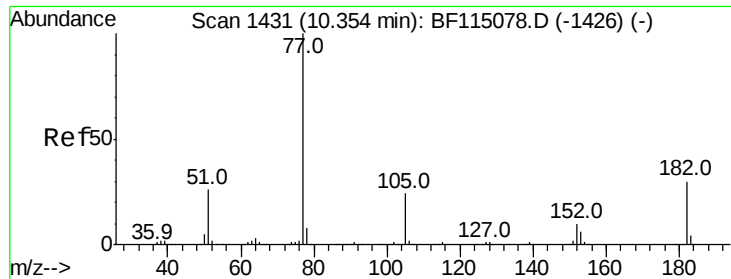
mohammad
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#62
4-Nitroaniline
Concen: 37.061 ng
RT: 10.21 min Scan# 1406
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	24.8	64.8
108	65.1	43.3	83.3





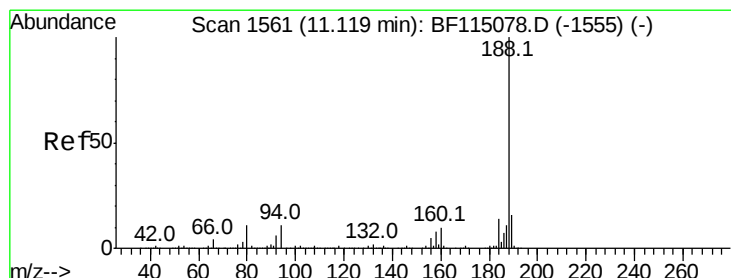
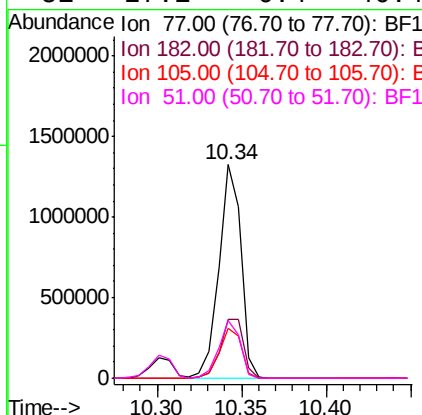
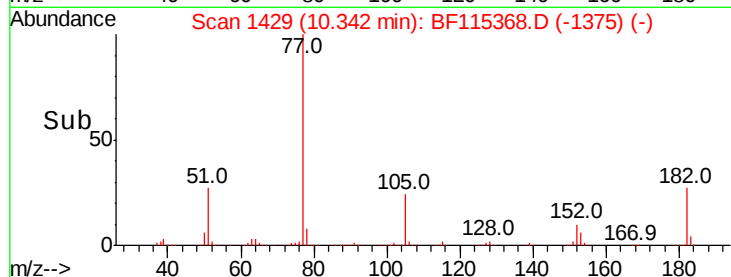
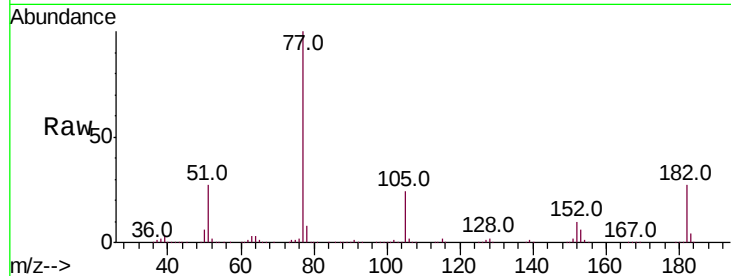
#63
Azobenzene
Concen: 39.166 ng
RT: 10.34 min Scan# 1429
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.4	10.1	50.1	
105	23.6	4.5	44.5	
51	27.1	6.4	46.4	

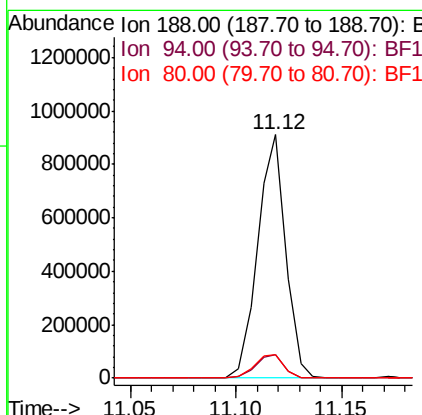
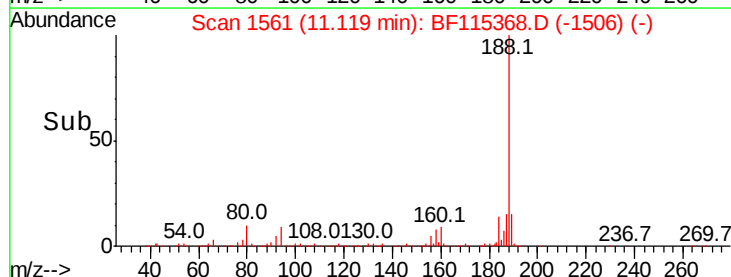
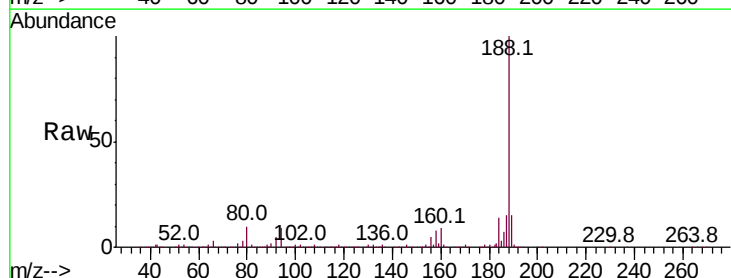
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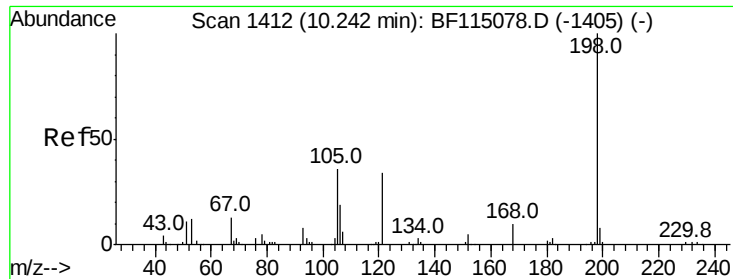
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.4	8.6	12.8	
80	9.5	8.8	13.2	





#65

4,6-Dinitro-2-methylphenol

Concen: 27.254 ng

RT: 10.24 min Scan# 1412

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

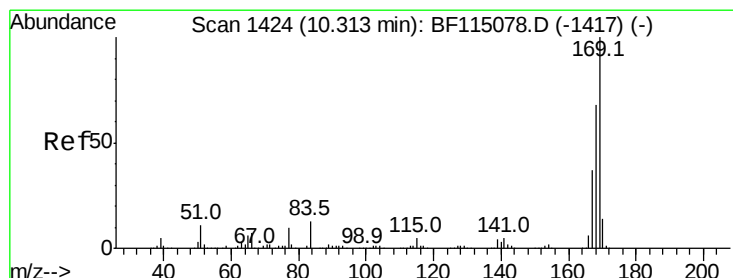
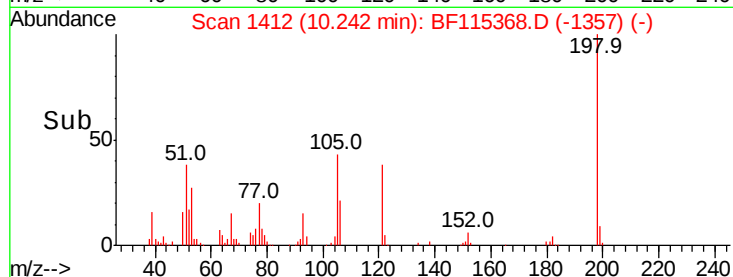
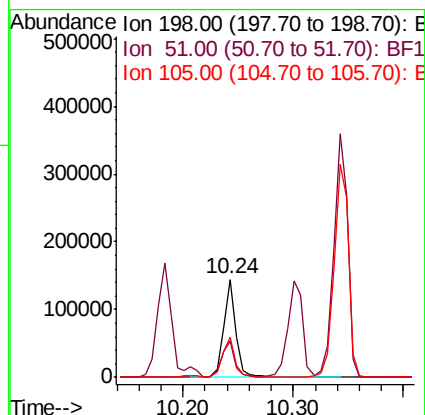
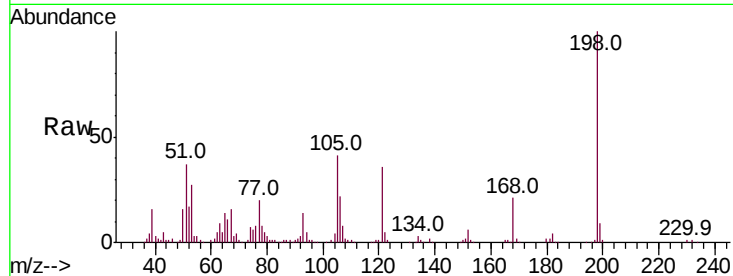
ClientSampleId :

OK-01-062819MS

Tot Ion:	198	Resp:	111113
Ion Ratio	Lower	Upper	
198	100		
51	36.7	11.0	51.0
105	40.6	17.3	57.3

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#66

n-Nitrosodiphenylamine

Concen: 42.561 ng

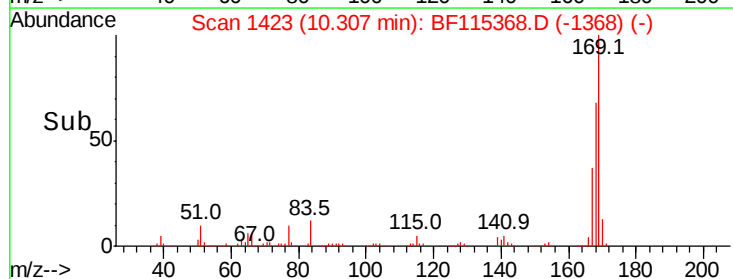
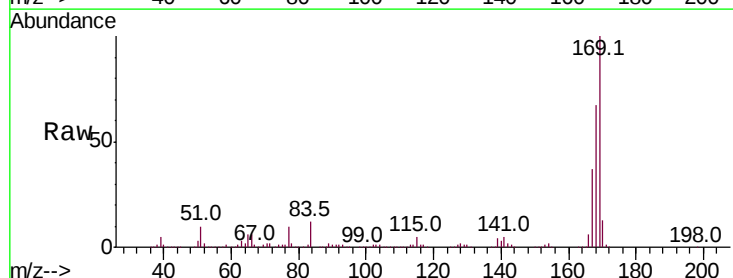
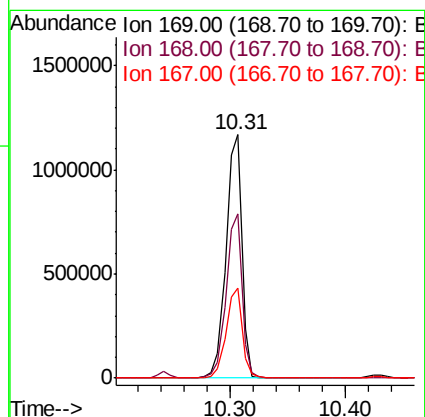
RT: 10.31 min Scan# 1423

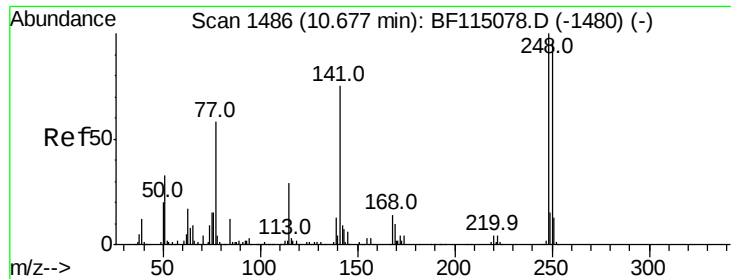
Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Tgt Ion:	169	Resp:	1113685
Ion Ratio	Lower	Upper	
169	100		
168	67.3	54.2	81.4
167	37.2	29.4	44.0





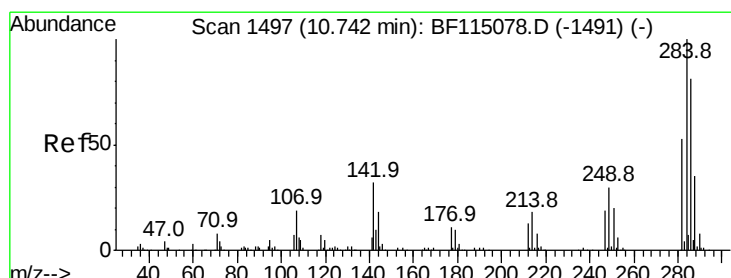
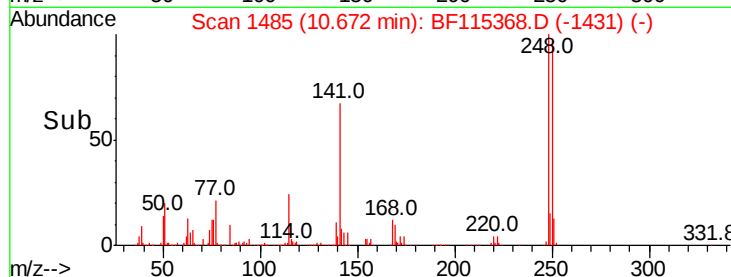
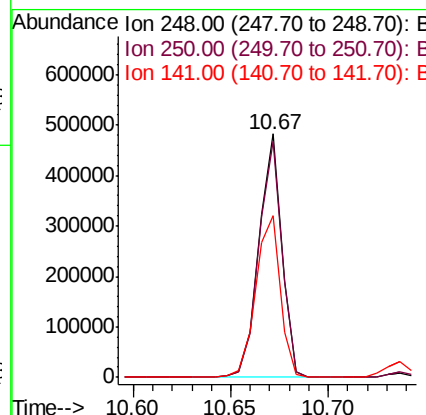
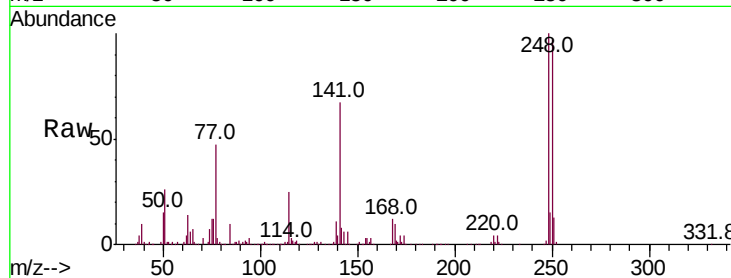
#67
4-Bromophenyl-phenylether
Concen: 43.120 ng
RT: 10.67 min Scan# 1485
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.2	114.2
141	66.7	59.6	89.4

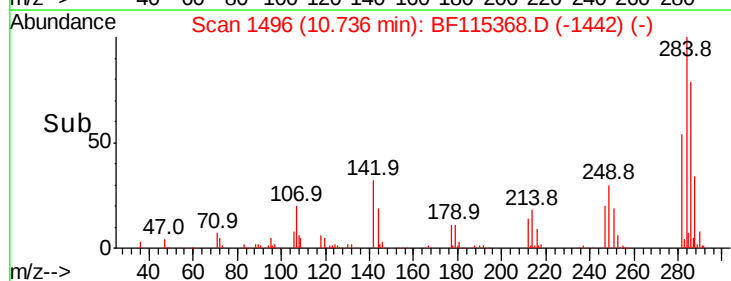
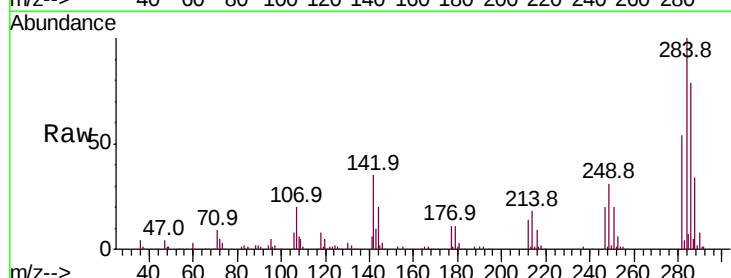
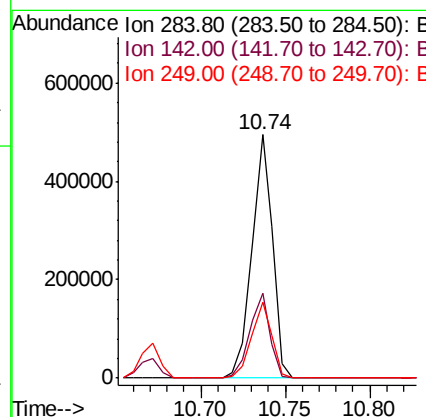
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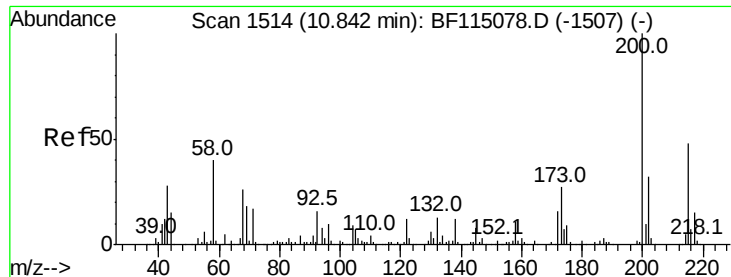
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#68
Hexachlorobenzene
Concen: 42.781 ng
RT: 10.74 min Scan# 1496
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.6	25.8	38.8
249	31.1	24.2	36.4





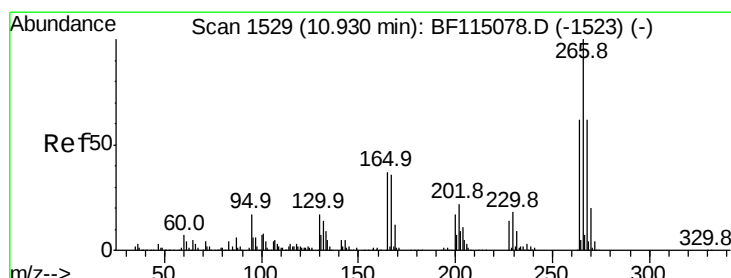
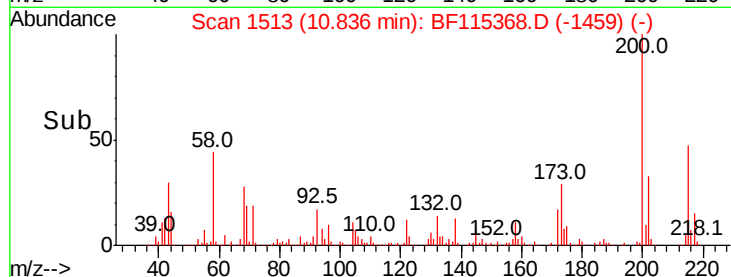
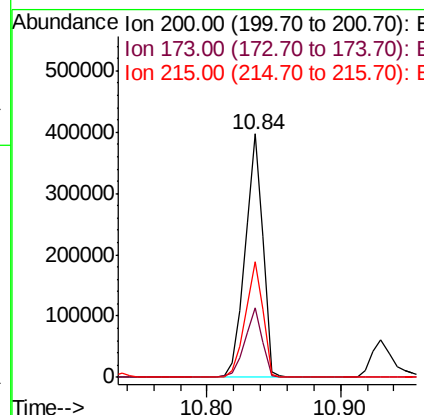
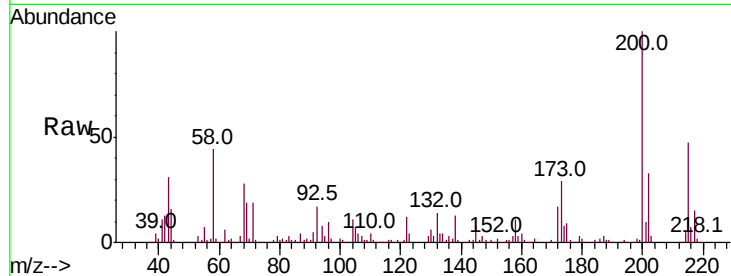
#69
Atrazine
Concen: 43.472 ng
RT: 10.84 min Scan# 1513
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	7.4	47.4
215	47.4	27.8	67.8

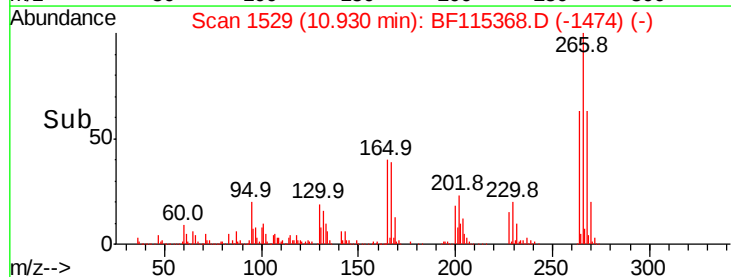
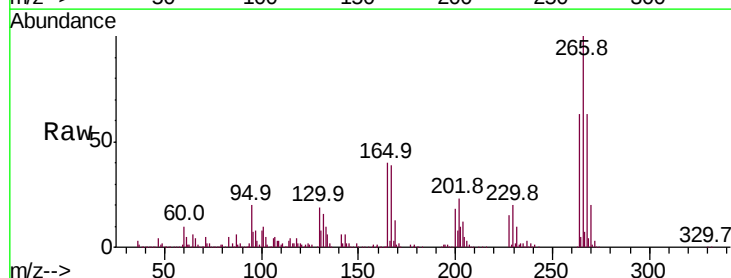
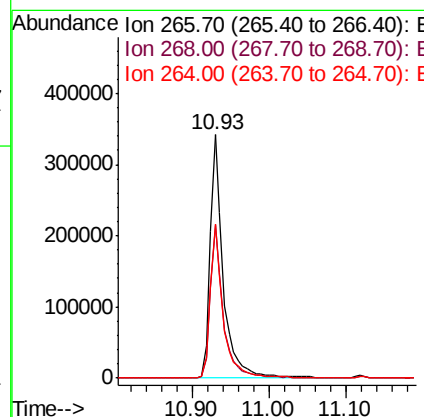
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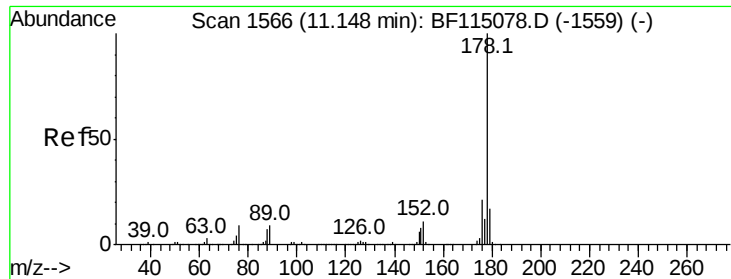
mohammad
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#70
Pentachlorophenol
Concen: 63.984 ng
RT: 10.93 min Scan# 1529
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	49.5	74.3
264	63.1	49.3	73.9





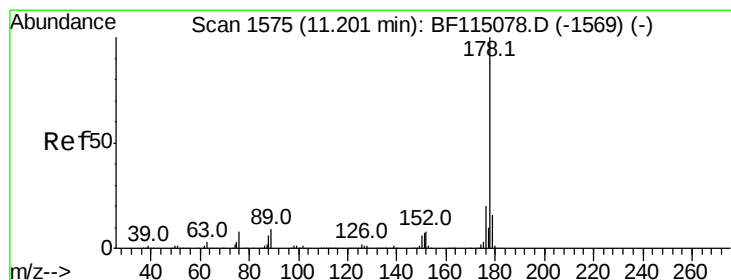
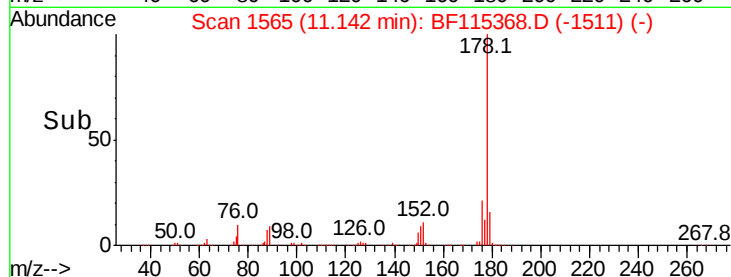
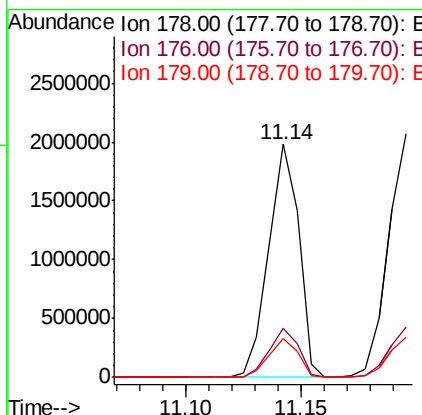
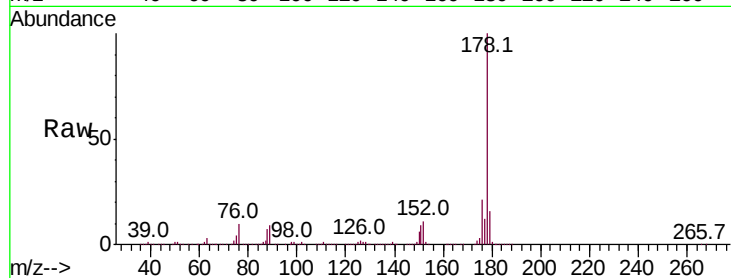
#71
Phenanthrene
Concen: 39.916 ng
RT: 11.14 min Scan# 1565
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tot Ion:178 Resp: 1805046
Ion Ratio Lower Upper
178 100
176 20.9 16.9 25.3
179 16.5 13.2 19.8

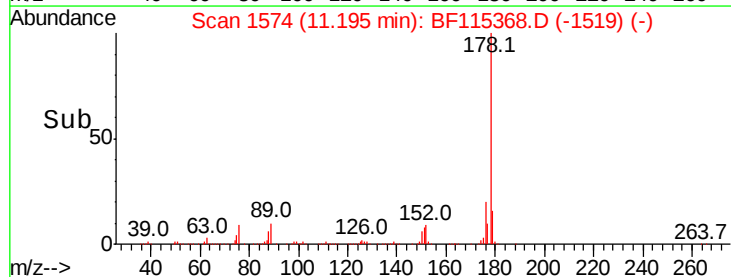
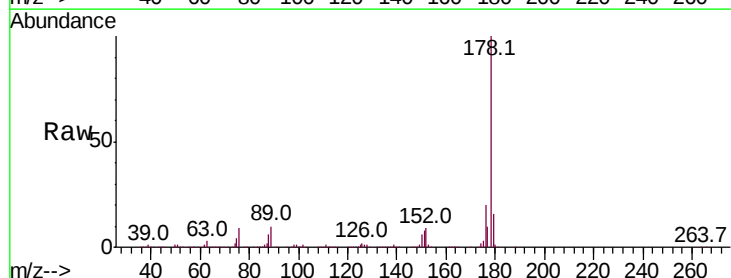
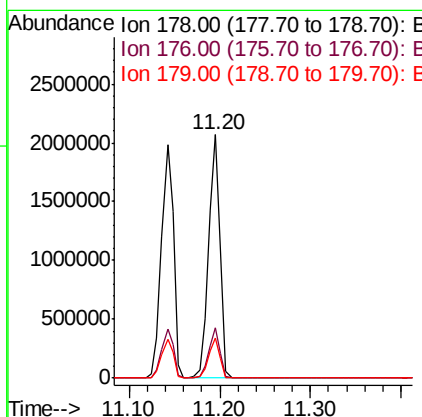
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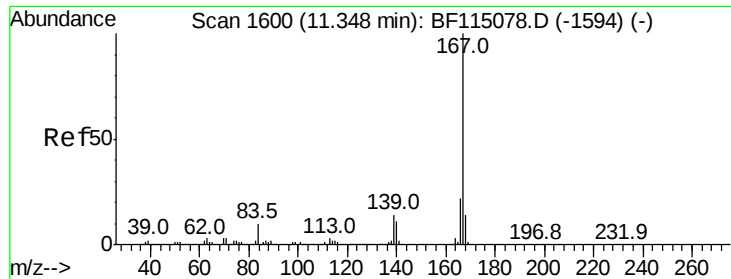
mohammad
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#72
Anthracene
Concen: 40.667 ng
RT: 11.20 min Scan# 1574
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion:178 Resp: 1856321
Ion Ratio Lower Upper
178 100
176 20.5 16.1 24.1
179 16.5 12.9 19.3





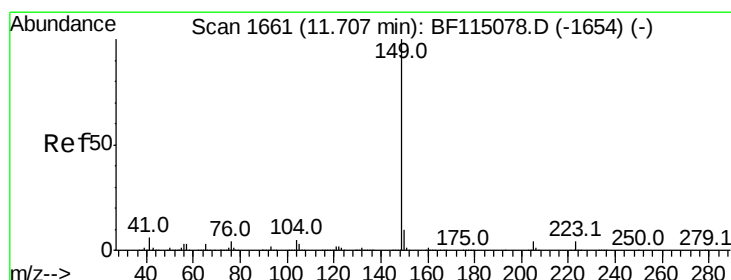
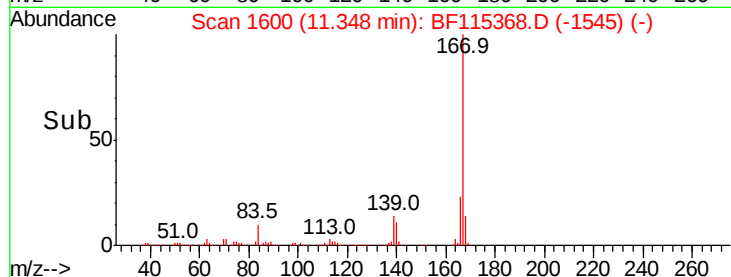
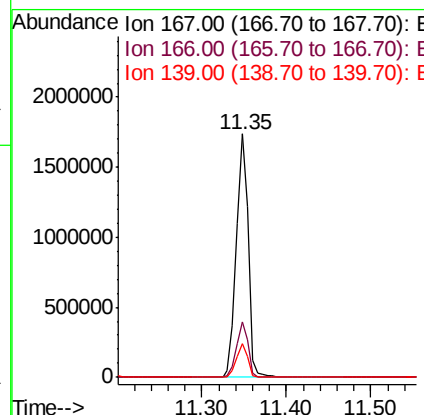
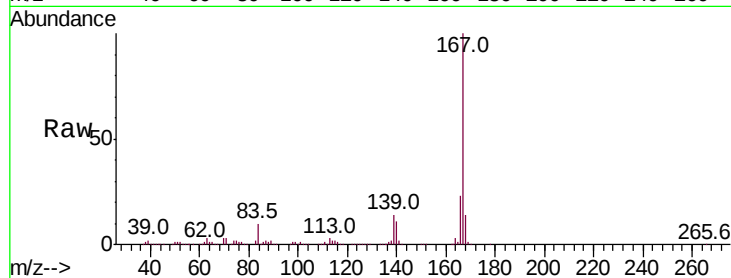
#73
 Carbazole
 Concen: 40.806 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.02 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.0	27.0
139	14.0	11.1	16.7

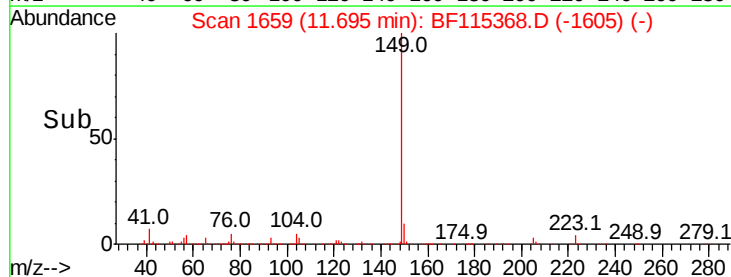
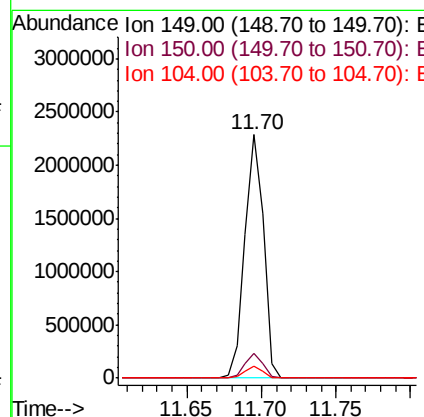
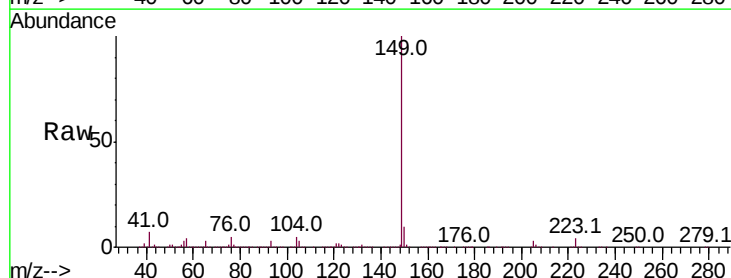
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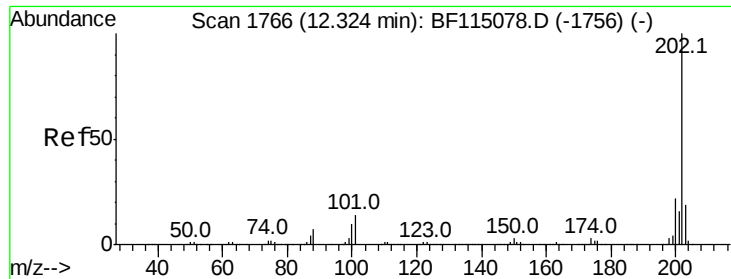
mohammad
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#74
 Di-n-butylphthalate
 Concen: 42.580 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. 0.02 min
 Lab File: BF115368.D
 Acq: 2 Jul 2019 19:08

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





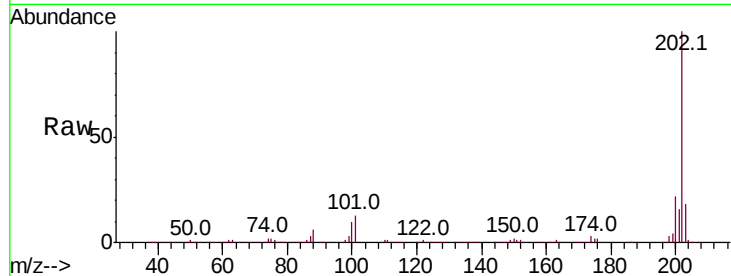
#75
Fluoranthene
Concen: 38.254 ng
RT: 12.32 min Scan# 1766
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

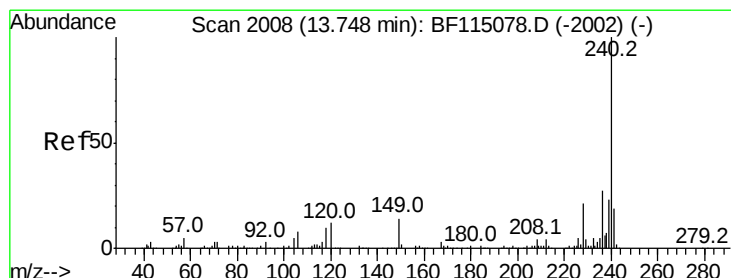
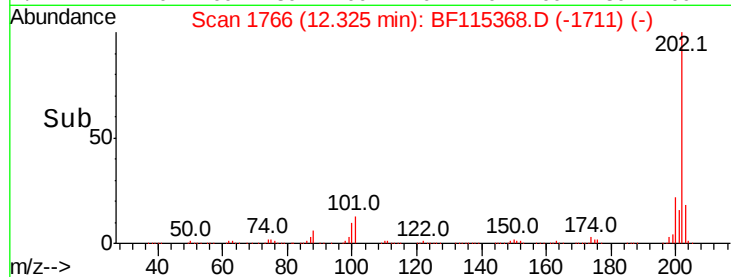
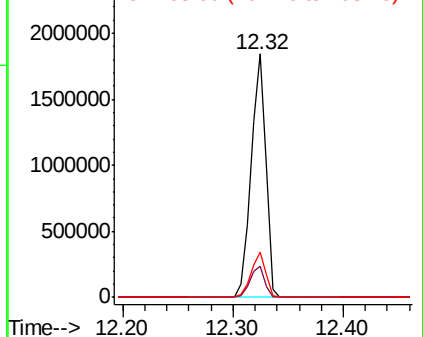
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.0
203	18.4	0.0	38.8

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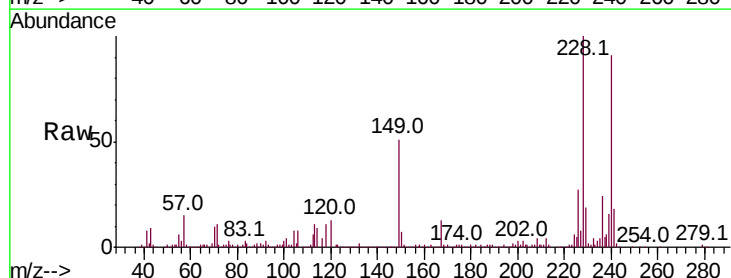


Abundance Ion 202.00 (201.70 to 202.70): E
2500000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

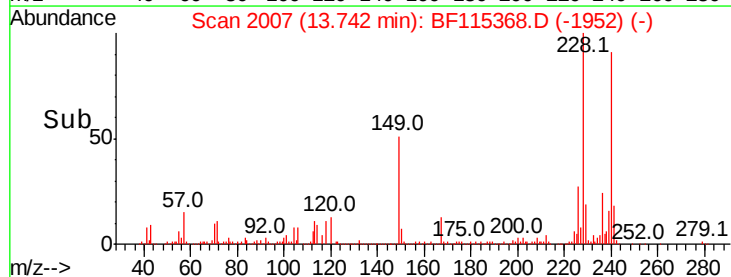
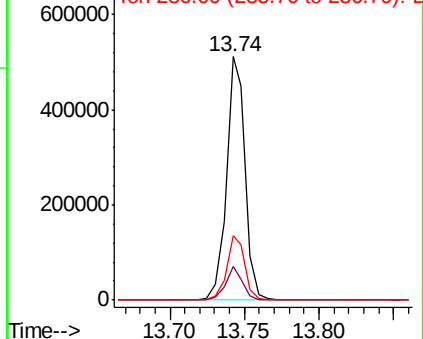


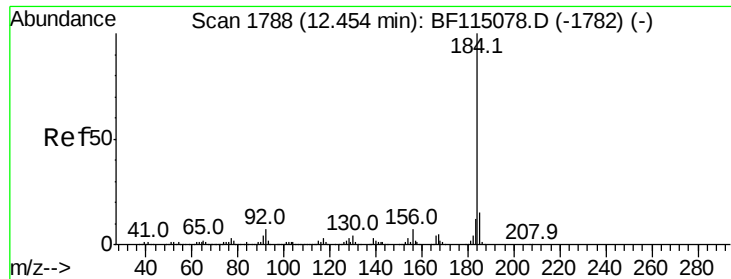
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2007
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.4	14.2
236	26.5	21.7	32.5



Abundance Ion 240.00 (239.70 to 240.70): E
600000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.431 ng

RT: 12.45 min Scan# 1787

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

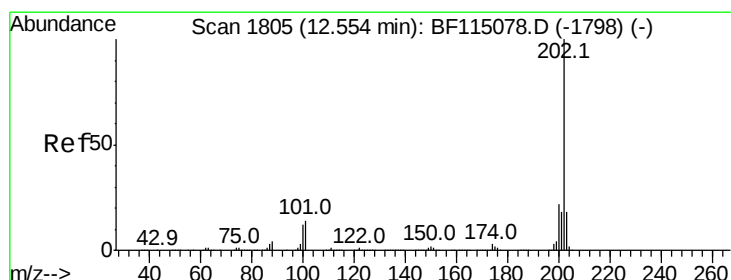
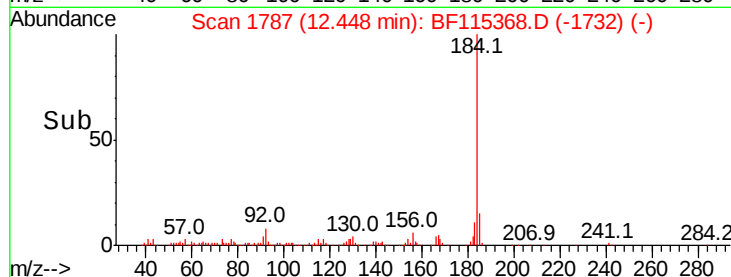
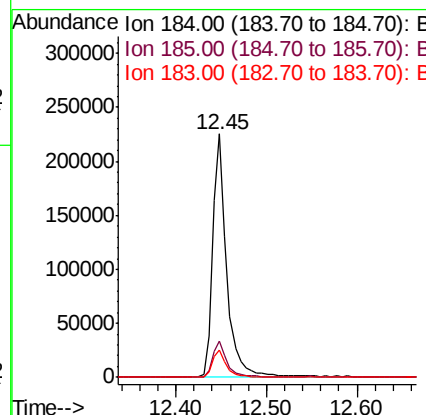
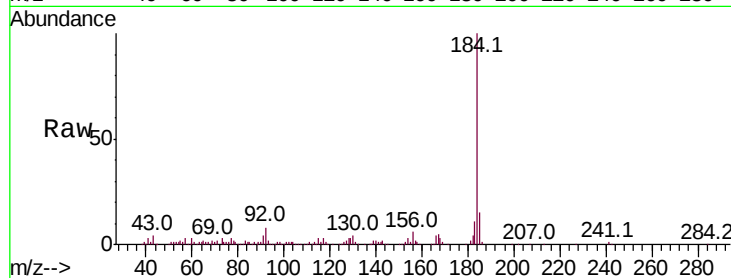
ClientSampleId :

OK-01-062819MS

Tot Ion:	184	Resp:	247952
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.2	18.2
183	11.4	9.6	14.4

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#78

Pyrene

Concen: 49.457 ng

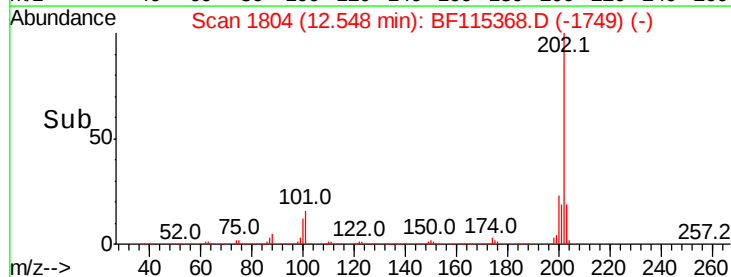
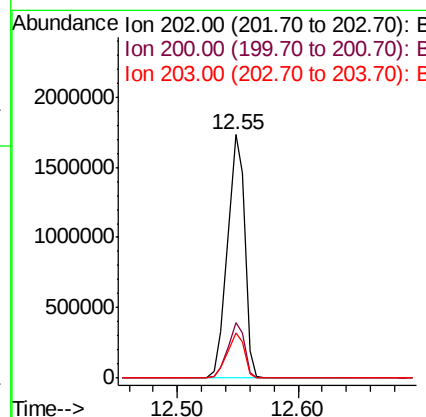
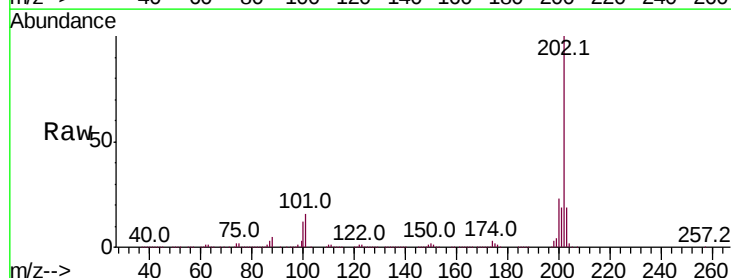
RT: 12.55 min Scan# 1804

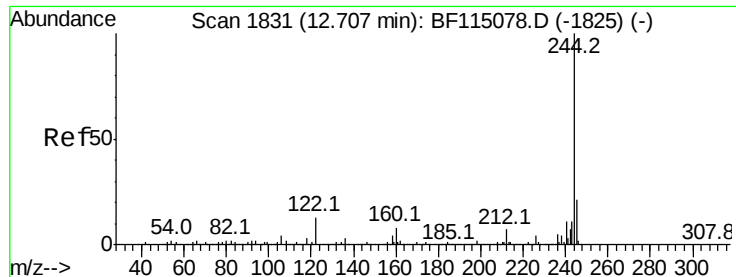
Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Tgt Ion:	202	Resp:	1707307
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.9	26.9
203	18.6	14.6	21.8





#79

Terphenyl-d14

Concen: 105.759 ng

RT: 12.71 min Scan# 1831

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

Tot Ion:244 Resp: 2234400

Ion Ratio Lower Upper

244 100

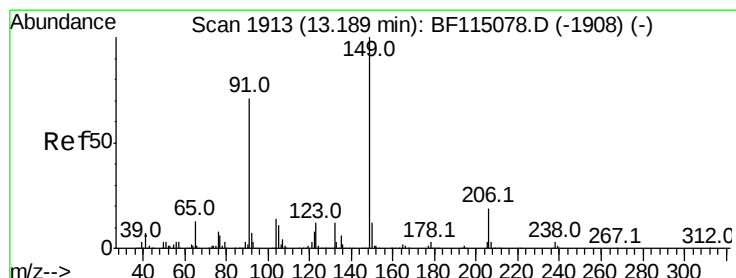
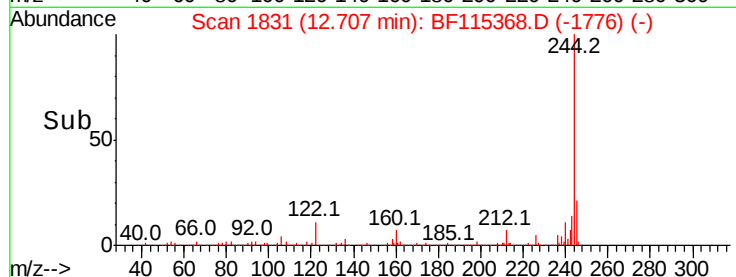
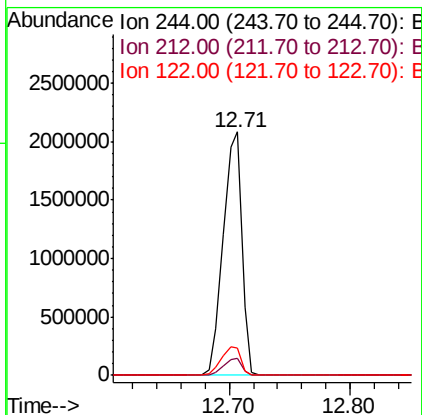
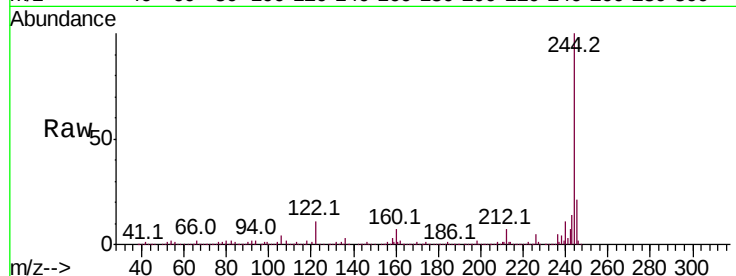
212 7.2 5.8 8.6

122 11.3 10.4 15.6

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#80

Butylbenzylphthalate

Concen: 49.912 ng

RT: 13.18 min Scan# 1912

Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

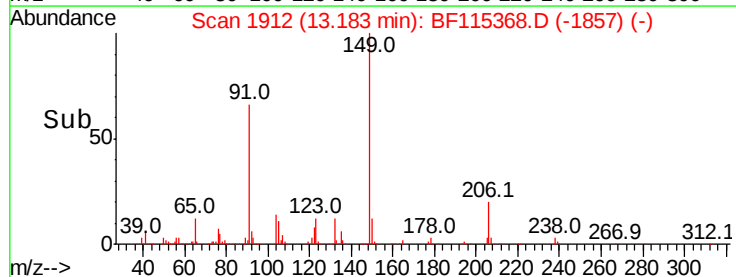
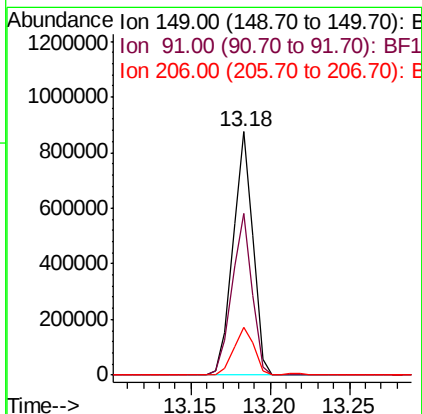
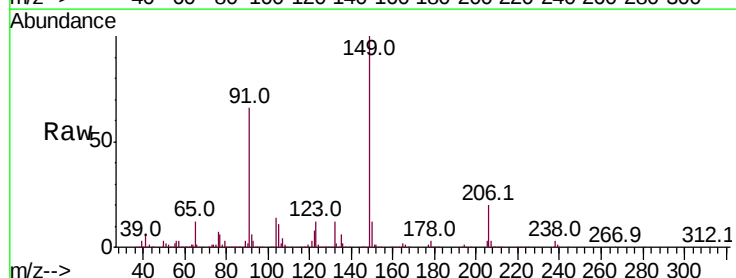
Tgt Ion:149 Resp: 760385

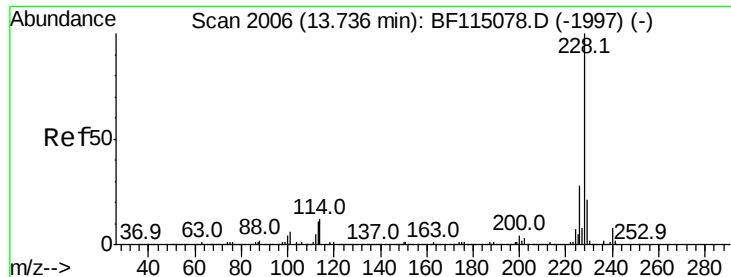
Ion Ratio Lower Upper

149 100

91 66.2 56.5 84.7

206 19.9 15.3 22.9





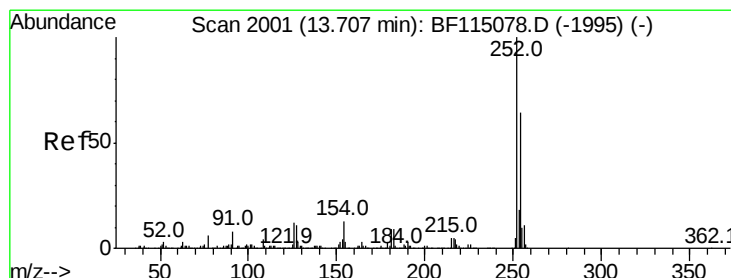
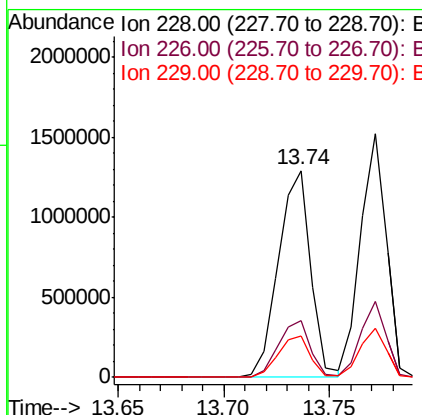
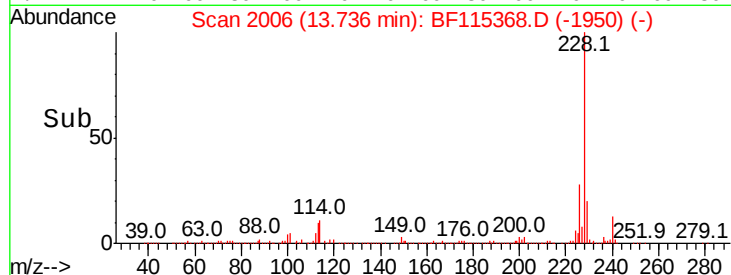
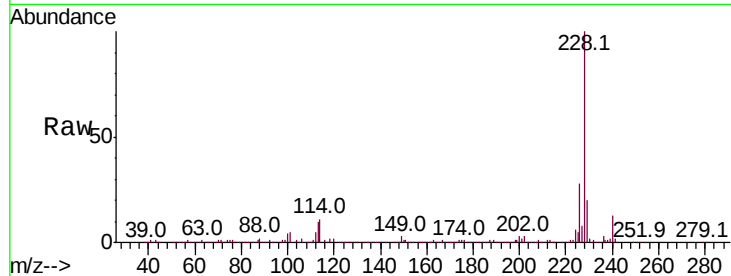
#81
Benzo(a)anthracene
Concen: 42.596 ng
RT: 13.74 min Scan# 2006
Delta R.T. 0.03 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.5	33.7
229	20.3	16.6	24.8

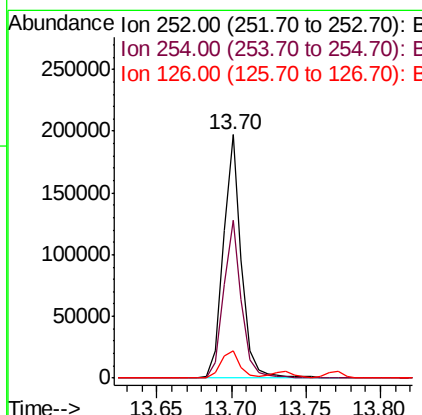
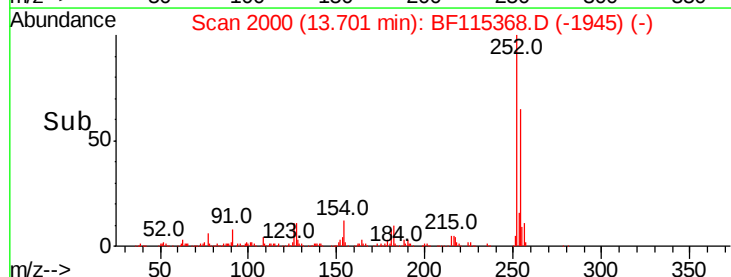
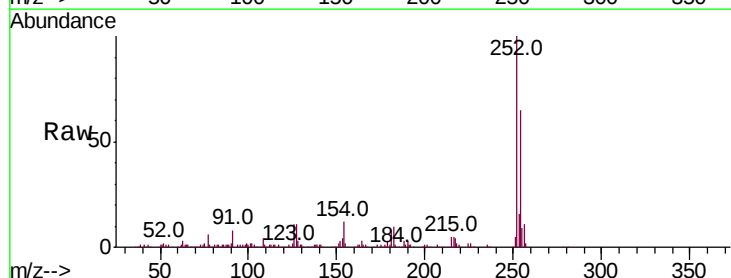
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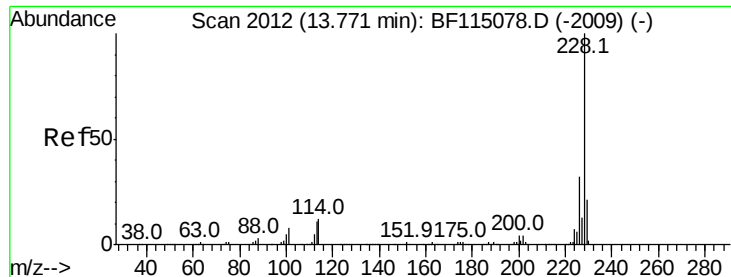
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#82
3,3'-Dichlorobenzidine
Concen: 14.505 ng
RT: 13.70 min Scan# 2000
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.1	76.7
126	11.3	9.4	14.0





#83

Chrysene

Concen: 44.350 ng

RT: 13.77 min Scan# 2012

Delta R.T. 0.03 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

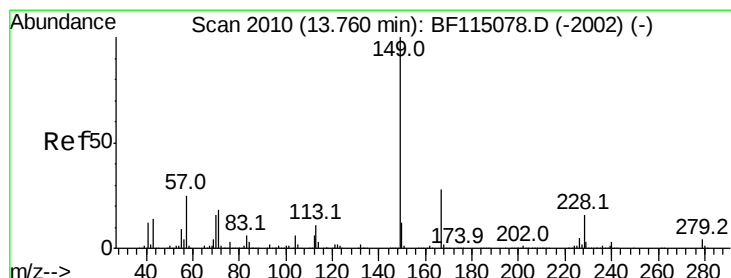
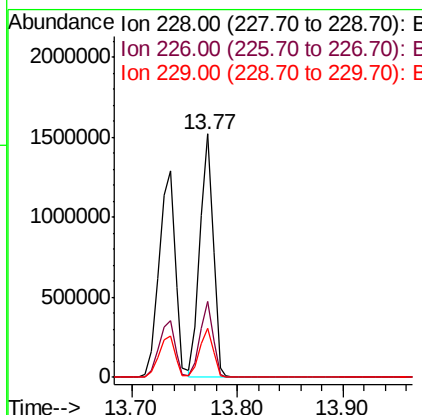
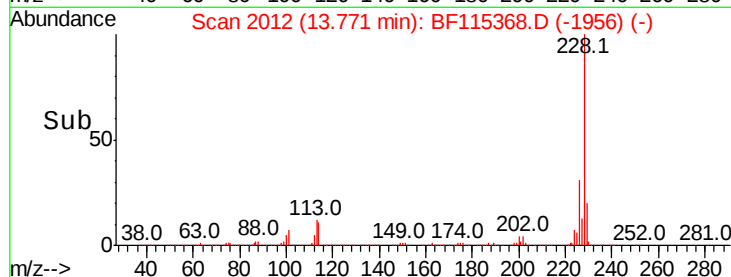
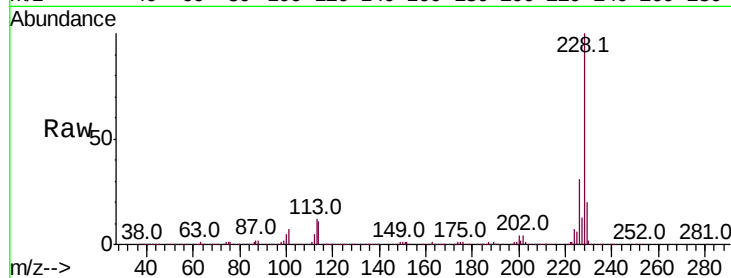
ClientSampleId :

OK-01-062819MS

Tot Ion:	228	Resp:	1309427
Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.0
229	20.3	16.5	24.7

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#84

Bis(2-ethylhexyl)phthalate

Concen: 49.978 ng

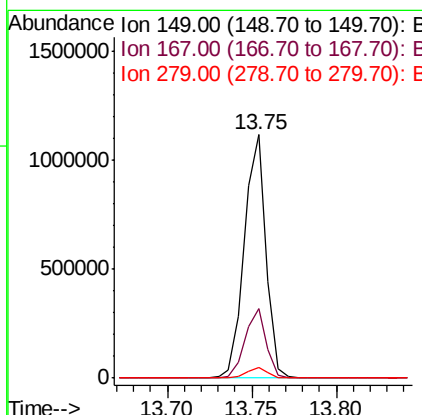
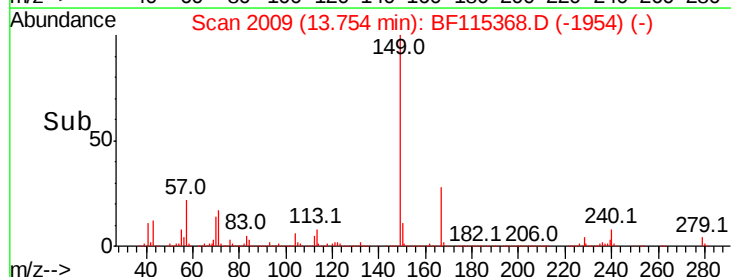
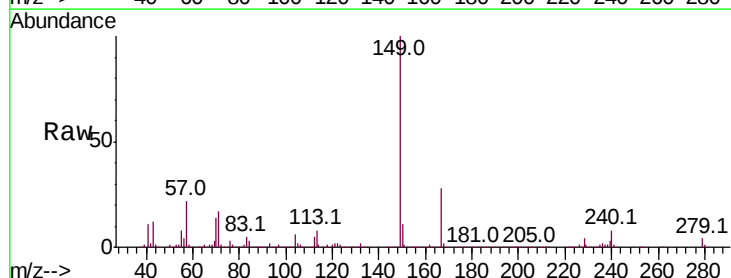
RT: 13.75 min Scan# 2009

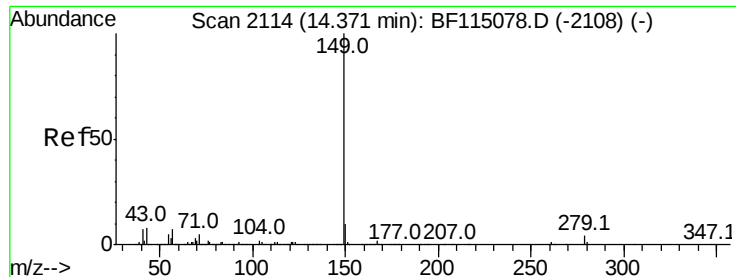
Delta R.T. 0.02 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Tgt Ion:	149	Resp:	997668
Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.2	33.4
279	4.3	2.9	4.3





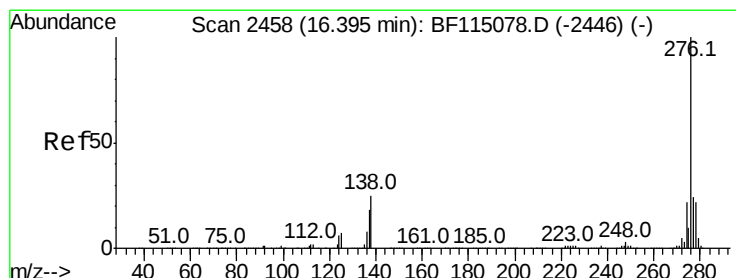
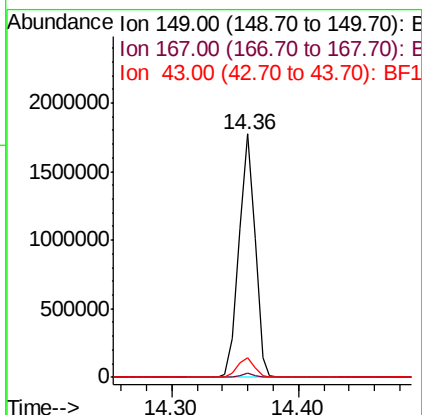
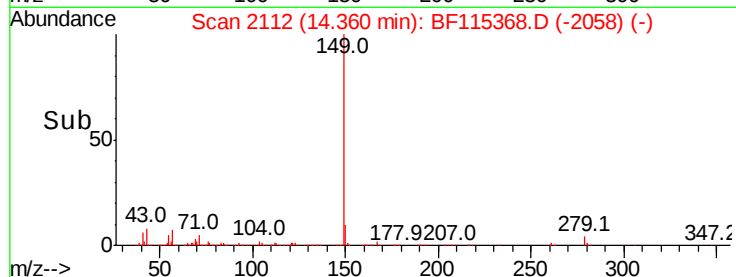
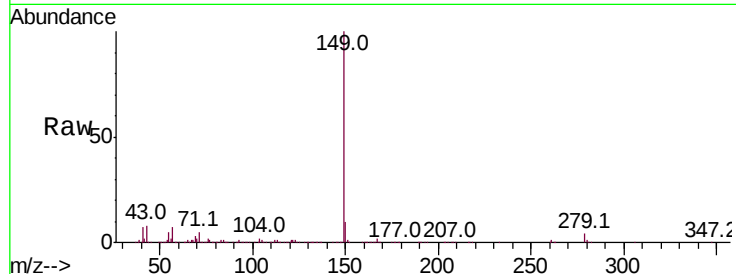
#85
Di-n-octyl phthalate
Concen: 45.859 ng
RT: 14.36 min Scan# 2112
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.3	7.0	10.6

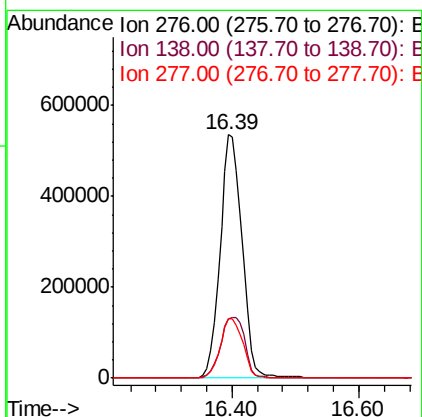
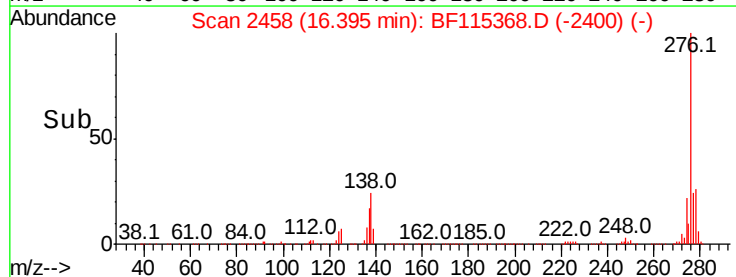
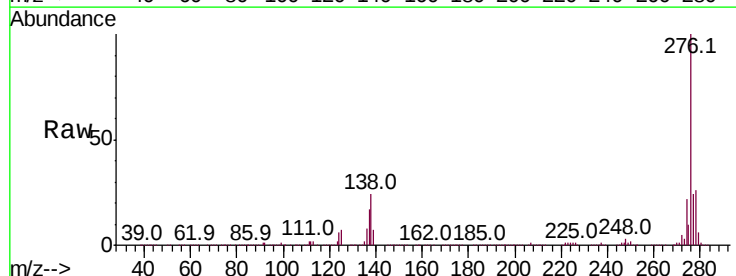
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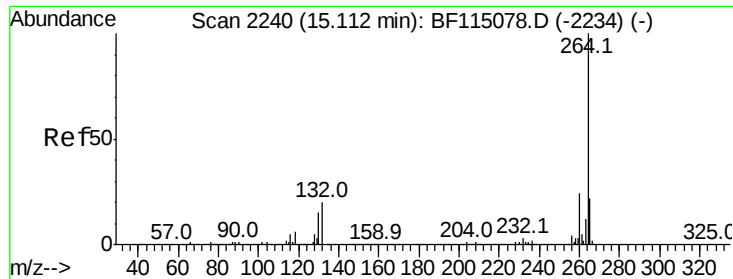
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.140 ng
RT: 16.39 min Scan# 2458
Delta R.T. 0.04 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	23.2	34.8
277	25.2	20.1	30.1





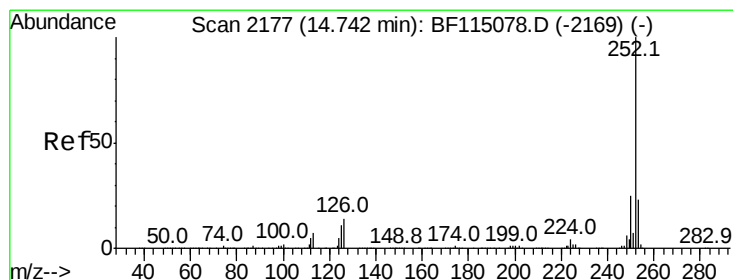
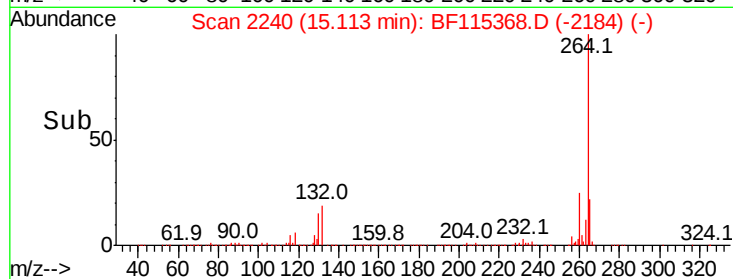
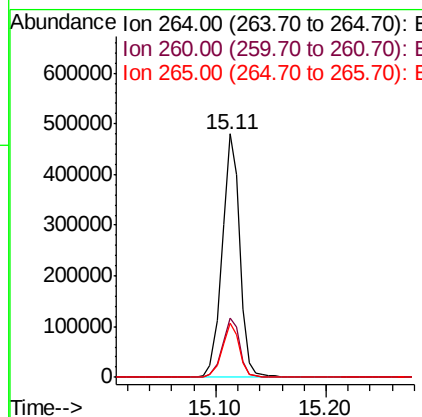
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2240
Delta R.T. 0.03 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	22.2	17.3	25.9

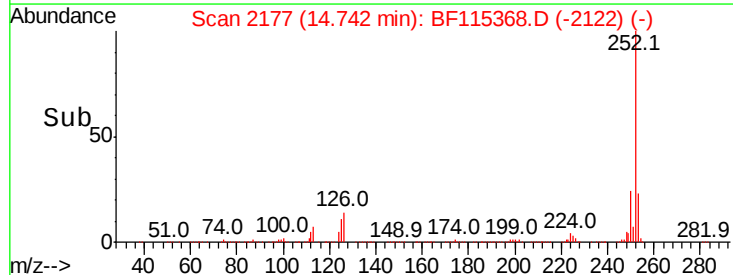
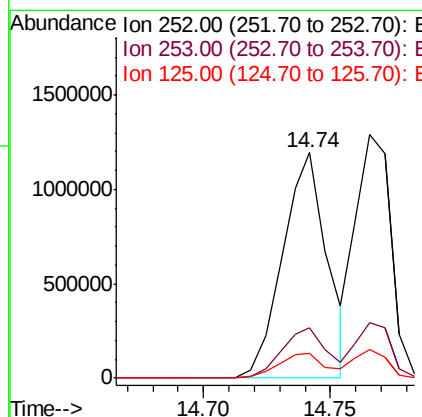
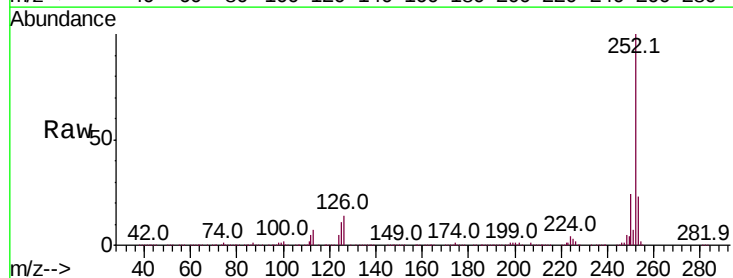
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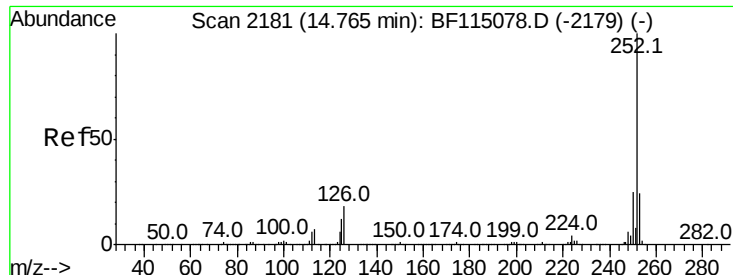
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#88
Benzo(b)fluoranthene
Concen: 43.676 ng
RT: 14.74 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	10.8	8.7	13.1





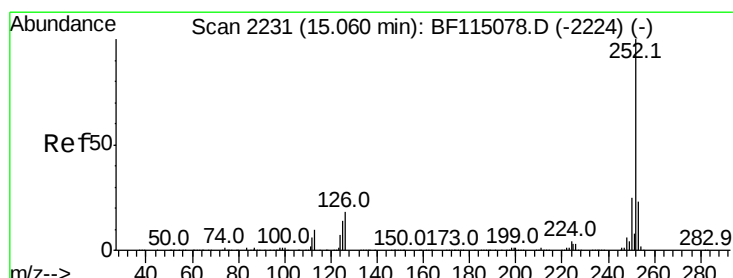
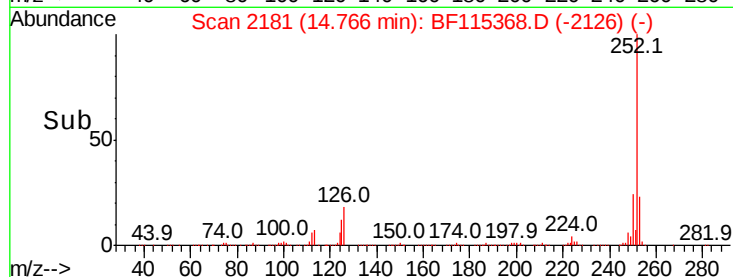
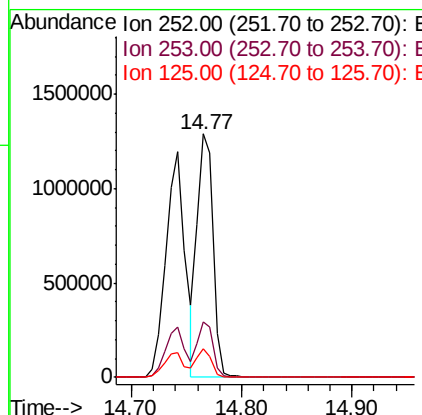
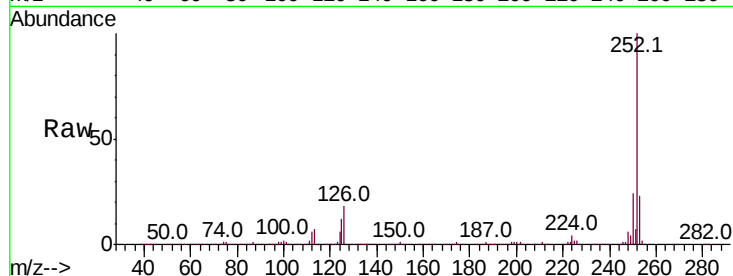
#89
Benzo(k)fluoranthene
Concen: 42.368 ng
RT: 14.77 min Scan# 2181
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.9	28.3
125	11.8	10.2	15.2

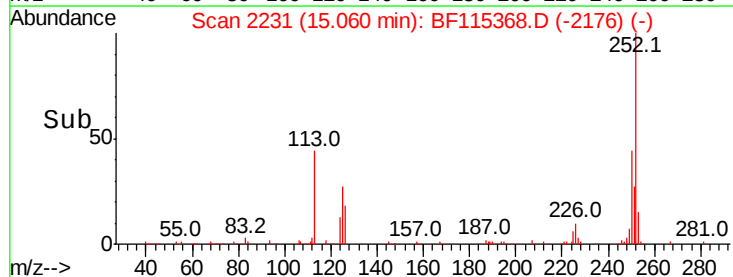
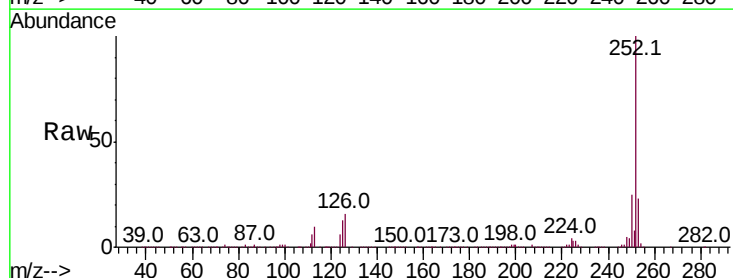
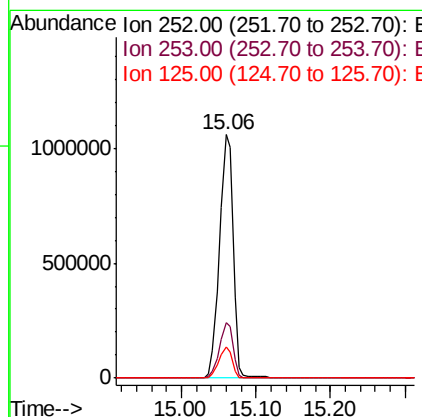
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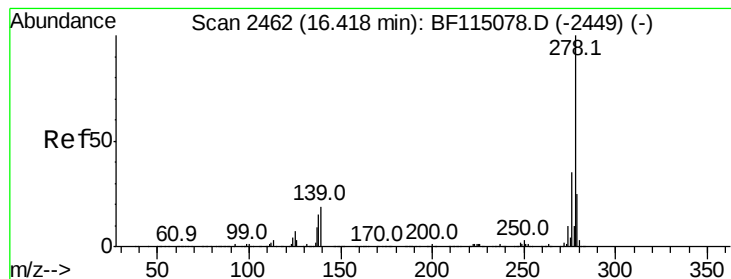
mohammad
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#90
Benzo(a)pyrene
Concen: 44.463 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.02 min
Lab File: BF115368.D
Acq: 2 Jul 2019 19:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	12.9	10.9	16.3





#91

Dibenzo(a,h)anthracene

Concen: 38.453 ng

RT: 16.42 min Scan# 2462

Delta R.T. 0.05 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

Instrument :

BNA_F

ClientSampleId :

OK-01-062819MS

Tot Ion:278 Resp: 1076879

Ion Ratio Lower Upper

278 100

139 17.1 15.4 23.2

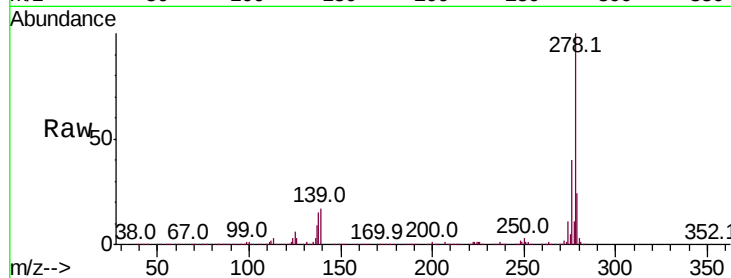
279 24.3 19.9 29.9

Manual Integrations

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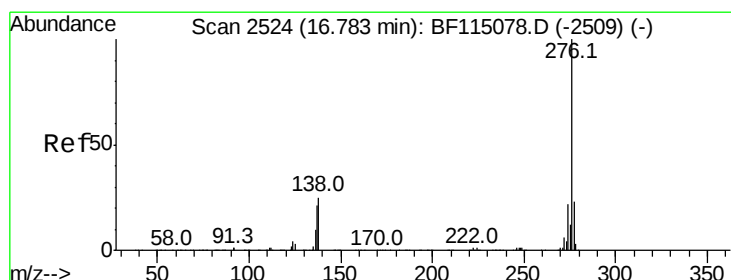
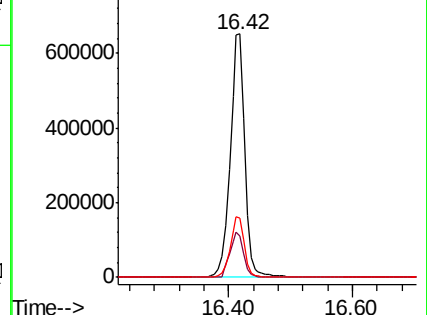
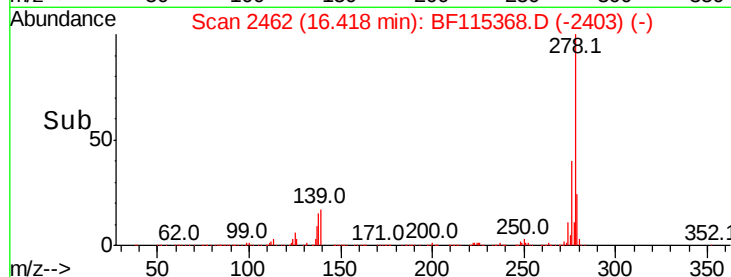
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Abundance Ion 278.00 (277.70 to 278.70): E

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: 35.728 ng

RT: 16.78 min Scan# 2524

Delta R.T. 0.05 min

Lab File: BF115368.D

Acq: 2 Jul 2019 19:08

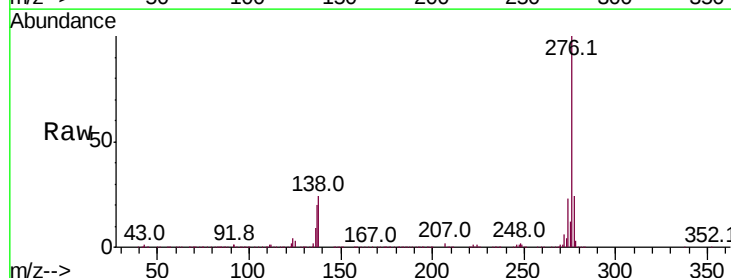
Tgt Ion:276 Resp: 1012685

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 23.9 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

