

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095959.D
 Acq On : 16 Jun 2017 17:04
 Operator : SJ/MA
 Sample : I3693-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-AMSD

Manual Integrations
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 6/19/2017 3:46:57 PM

Quant Time: Jun 16 23:55:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	58122	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	241128	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	107643	20.00	ng	0.00
63) Phenanthrene-d10	14.57	188	177398	20.00	ng	0.00
75) Chrysene-d12	18.29	240	114428	20.00	ng	0.00
86) Perylene-d12	19.96	264	117848	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	479002	131.32	ng	0.04
7) Phenol-d6	6.90	99	517829	118.58	ng	0.00
23) Nitrobenzene-d5	8.25	82	358663	92.38	ng	0.00
41) 2,4,6-Tribromophenol	13.47	330	126174	132.48	ng	0.00
44) 2-Fluorobiphenyl	11.13	172	709718	91.75	ng	0.00
78) Terphenyl-d14	16.94	244	479313	103.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.79	88	58711	33.84	ng	92
3) Pyridine	2.38	79	63223m	15.50	ng	
4) n-Nitrosodimethylamine	2.27	42	60048	38.73	ng	87
6) Aniline	6.84	93	51964	9.10	ng	94
8) 2-Chlorophenol	7.02	128	184844	47.66	ng	96
9) Benzaldehyde	6.65	77	47434	16.10	ng	90
10) Phenol	6.92	94	197743	43.65	ng	93
11) bis(2-Chloroethyl)ether	6.97	93	159236	44.37	ng	96
12) 1,3-Dichlorobenzene	7.22	146	192824	43.93	ng	97
13) 1,4-Dichlorobenzene	7.35	146	196576	44.16	ng	95
14) 1,2-Dichlorobenzene	7.58	146	188778	46.00	ng	94
15) Benzyl Alcohol	7.63	79	141822	47.32	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.82	45	229636	45.55	ng	98
17) 2-Methylphenol	7.87	107	151540	46.56	ng	95
18) Hexachloroethane	8.09	117	66349	45.13	ng	# 83
19) n-Nitroso-di-n-propylamine	8.06	70	130838	47.28	ng	94
20) 3+4-Methylphenols	8.14	107	195199	47.25	ng	# 57
22) Acetophenone	8.02	105	260984	46.24	ng	# 82
24) Nitrobenzene	8.27	77	184987	44.60	ng	94
25) Isophorone	8.67	82	327264	45.14	ng	97
26) 2-Nitrophenol	8.78	139	101433	46.70	ng	96
27) 2,4-Dimethylphenol	8.95	122	161188	47.82	ng	98
28) bis(2-Chloroethoxy)methane	9.05	93	216354	45.27	ng	99
29) 2,4-Dichlorophenol	9.23	162	157296	48.46	ng	98
30) 1,2,4-Trichlorobenzene	9.29	180	151972	44.99	ng	97
31) Naphthalene	9.39	128	548776	45.35	ng	99
32) Benzoic acid	9.33	122	86396	41.76	ng	94
33) 4-Chloroaniline	9.57	127	50731	10.73	ng	# 89
34) Hexachlorobutadiene	9.60	225	77610	44.47	ng	97
35) Caprolactam	10.18	113	35845m	37.11	ng	
36) 4-Chloro-3-methylphenol	10.43	107	162188	47.73	ng	93
37) 2-Methylnaphthalene	10.52	142	378952	46.35	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.80	216	145235	45.08	ng	99
40) Hexachlorocyclopentadiene	10.76	237	35935	41.83	ng	95

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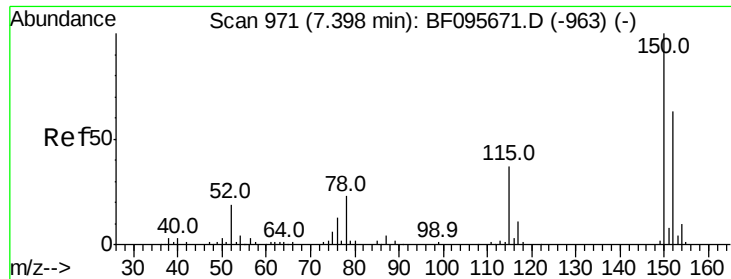
Manual Integrations
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Quant Time: Jun 16 23:55:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.03	196	100035	48.30	nq	99
43) 2,4,5-Trichlorophenol	11.13	196	98397	44.66	nq	95
45) 1,1'-Biphenyl	11.28	154	414979	46.77	nq	97
46) 2-Chloronaphthalene	11.29	162	319596	46.11	nq	94
47) 2-Nitroaniline	11.52	65	94120	46.40	nq	# 82
48) Acenaphthylene	11.94	152	502916	42.43	nq	97
49) Dimethylphthalate	11.84	163	388726	47.56	nq	99
50) 2,6-Dinitrotoluene	11.94	165	81252	45.58	nq	# 75
51) Acenaphthene	12.23	154	300651	43.92	nq	99
52) 3-Nitroaniline	12.21	138	48745	23.47	nq	86
53) 2,4-Dinitrophenol	12.43	184	62621	63.49	nq	# 66
54) Dibenzofuran	12.52	168	464609	48.22	nq	97
55) 4-Nitrophenol	12.64	139	81852	68.22	nq	# 78
56) 2,4-Dinitrotoluene	12.61	165	116008	48.18	nq	94
57) Fluorene	13.07	166	368955	44.00	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.77	232	77717	51.56	nq	# 94
59) Diethylphthalate	12.99	149	373659	47.51	nq	99
60) 4-Chlorophenyl-phenylether	13.10	204	164178	45.03	nq	90
61) 4-Nitroaniline	13.21	138	76789	39.60	nq	94
62) Azobenzene	13.36	77	338123	47.43	nq	93
64) 4,6-Dinitro-2-methylphenol	13.29	198	48242	41.37	nq	77
65) n-Nitrosodiphenylamine	13.31	169	316383	49.63	nq	98
66) 4-Bromophenyl-phenylether	13.87	248	92409	50.12	nq	98
67) Hexachlorobenzene	13.96	284	86644	47.69	nq	# 89
68) Atrazine	14.24	200	92167	51.95	nq	95
69) Pentachlorophenol	14.33	266	55203	80.13	nq	93
70) Phenanthrene	14.60	178	486303	47.51	nq	98
71) Anthracene	14.69	178	493077	46.14	nq	98
72) Carbazole	14.99	167	442274	42.47	nq	97
73) Di-n-butylphthalate	15.59	149	570622	51.50	nq	98
74) Fluoranthene	16.39	202	424543	41.91	nq	98
76) Benzidine	16.64	184	18996	4.32	nq	# 91
77) Pyrene	16.69	202	410368	48.06	nq	98
79) Butylbenzylphthalate	17.62	149	184125	49.38	nq	89
80) Benzo(a)anthracene	18.28	228	313567	47.13	nq	97
81) 3,3'-Dichlorobenzidine	18.26	252	84221	35.61	nq	# 95
82) Chrysene	18.32	228	310774	46.74	nq	99
83) Bis(2-ethylhexyl)phthalate	18.36	149	241488	45.91	nq	# 100
84) Di-n-octyl phthalate	19.13	149	396879	45.79	nq	95
85) Indeno(1,2,3-cd)pyrene	21.12	276	312909	55.01	nq	100
87) Benzo(b)fluoranthene	19.55	252	336987	45.67	nq	98
88) Benzo(k)fluoranthene	19.58	252	305896m	43.37	nq	
89) Benzo(a)pyrene	19.90	252	317686	46.84	nq	99
90) Dibenzo(a,h)anthracene	21.11	278	267539	46.50	nq	98
91) Benzo(g,h,i)perylene	21.44	276	255638	43.58	nq	97

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



#1

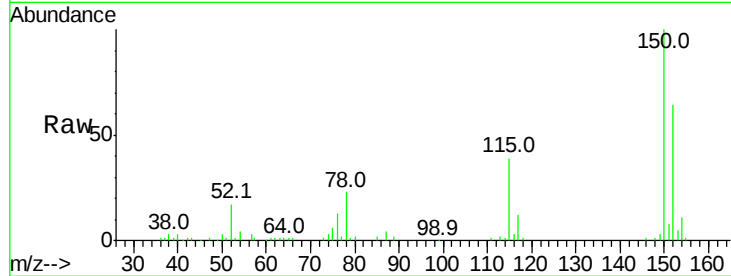
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.2
115	60.7	52.2	78.2

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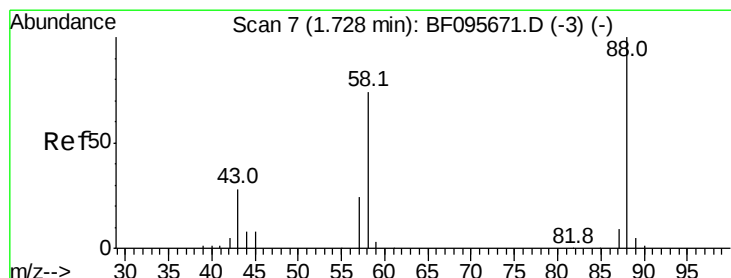
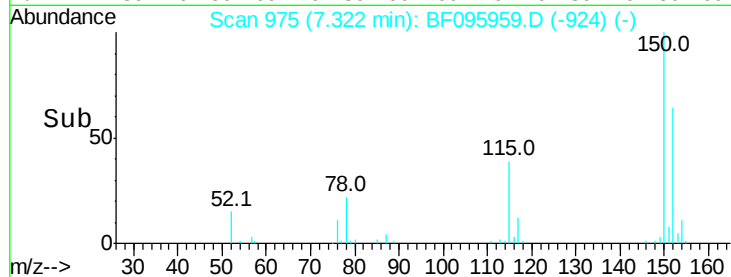
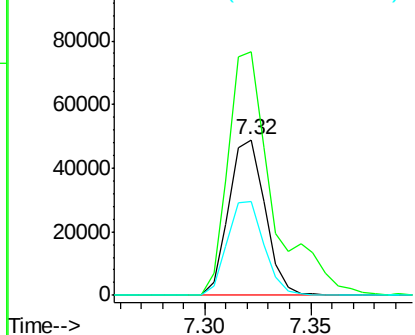


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

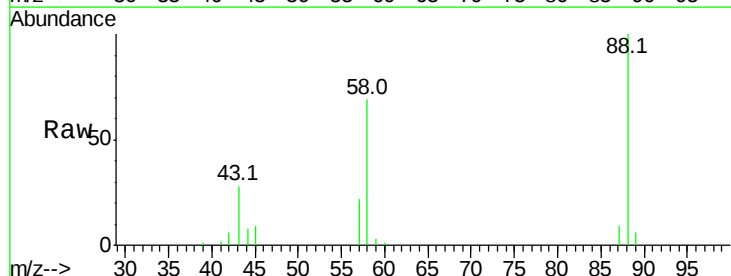
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.84 ng
RT: 1.79 min Scan# 35
Delta R.T. 0.16 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.1	61.4	92.0
43	26.4	23.4	35.0

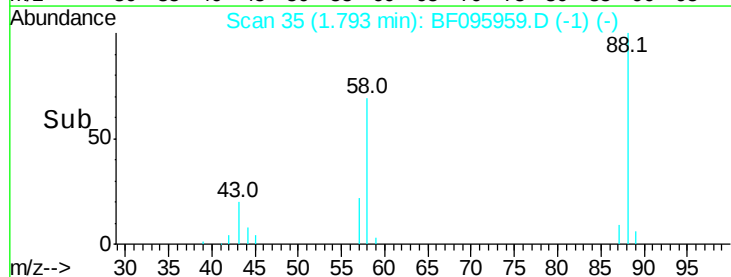
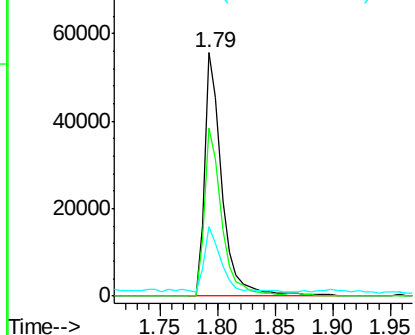


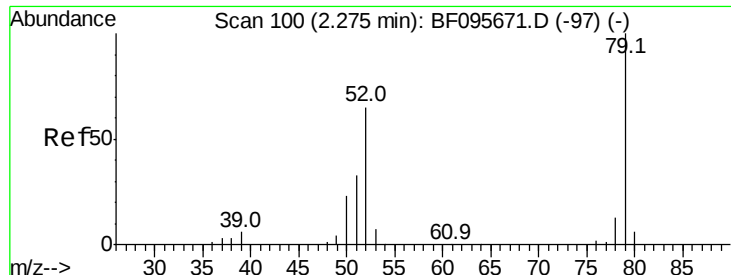
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





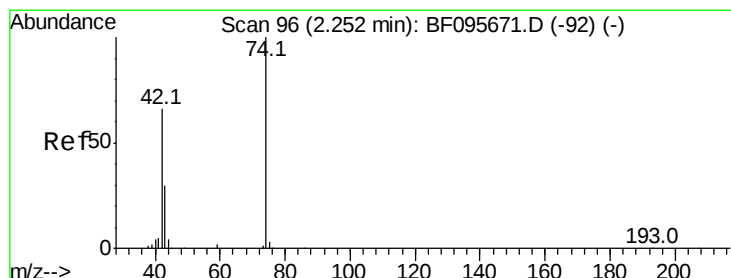
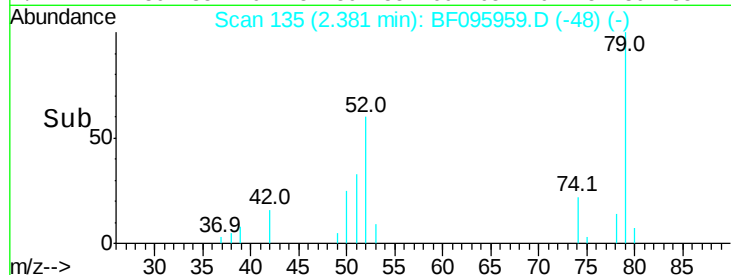
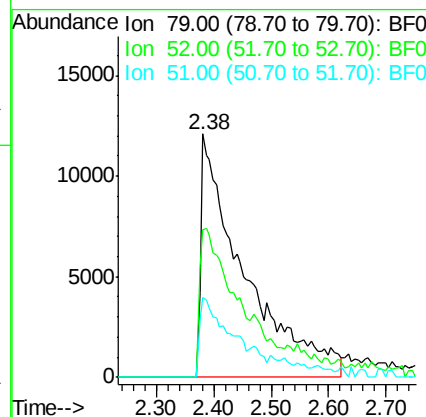
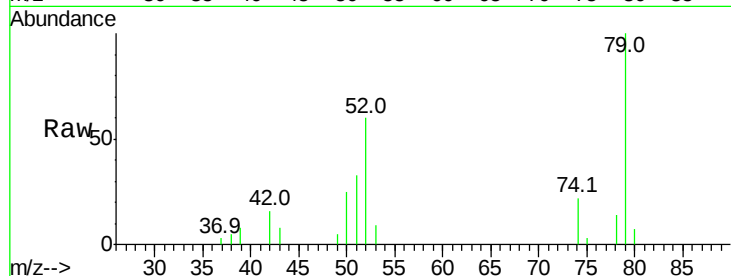
#3
Pvridine
Concen: 15.50 ng/ml
RT: 2.38 min Scan# 135
Delta R.T. 0.21 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.4	54.8	82.2
51	32.7	27.0	40.4

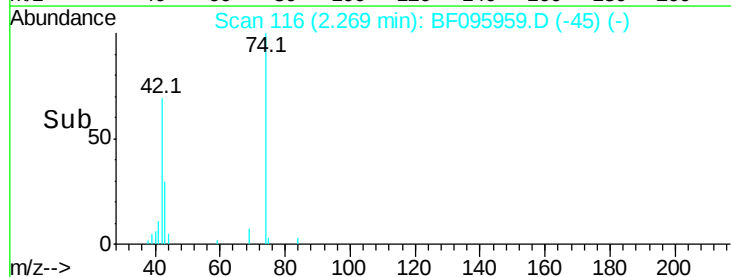
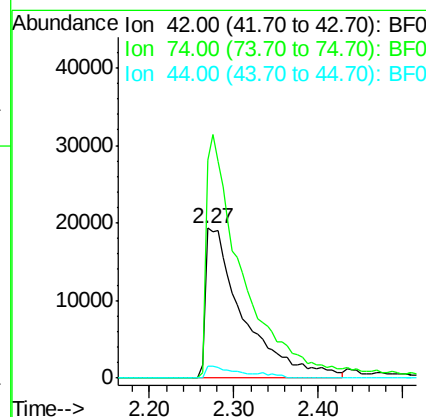
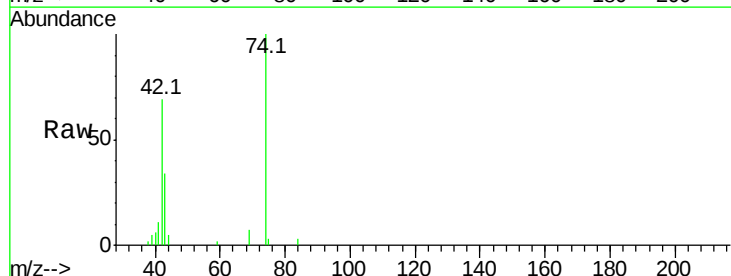
Manual Integrations
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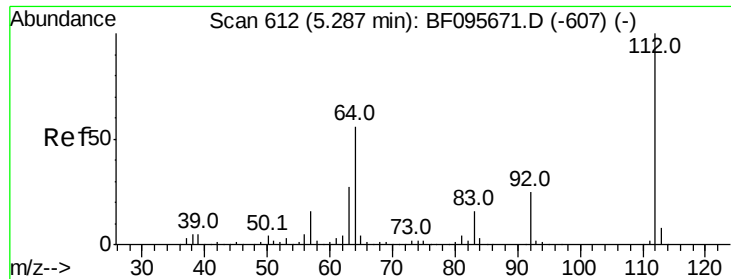
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#4
n-Nitrosodimethylamine
Concen: 38.73 ng
RT: 2.27 min Scan# 116
Delta R.T. 0.12 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.6	103.9	155.9
44	8.0	5.7	8.5





#5

2-Fluorophenol

Concen: 131.32 ng

RT: 5.25 min Scan# 623

Delta R.T. 0.04 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

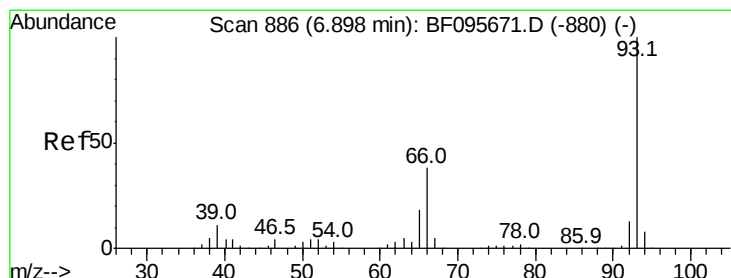
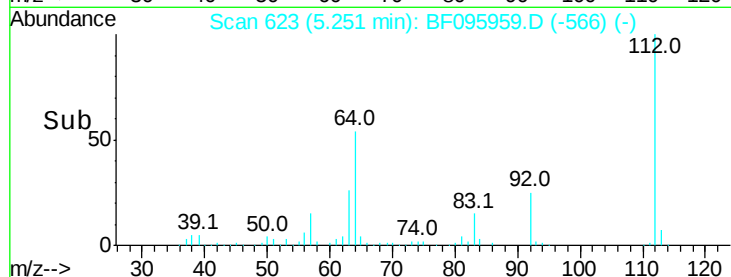
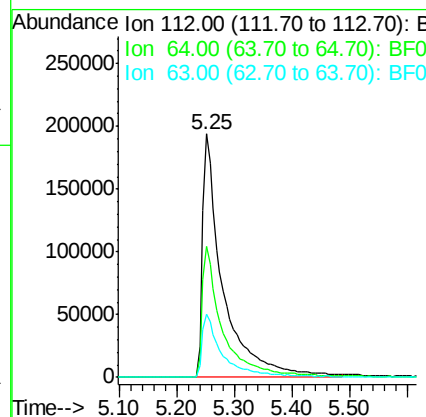
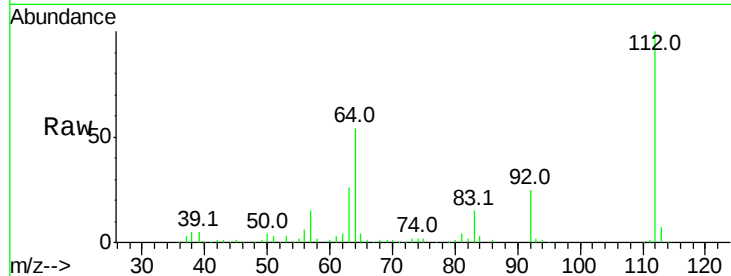
ClientSampleId :

PL-01-061417-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	479002		
64	53.8	46.0	69.0	
63	25.8	23.4	35.0	

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#6

Aniline

Concen: 9.10 ng

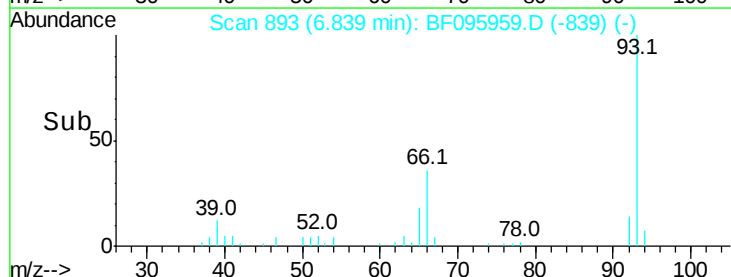
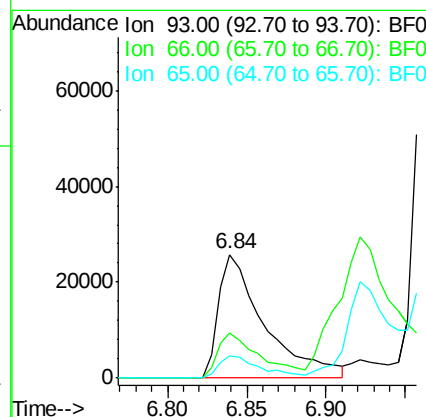
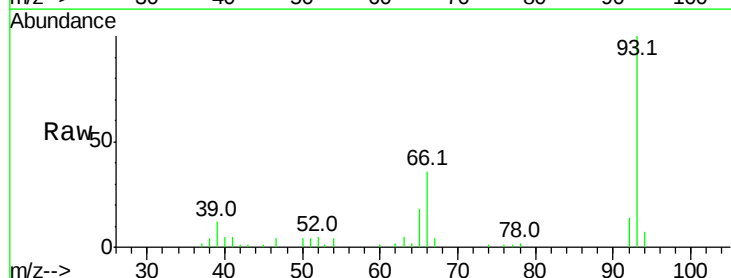
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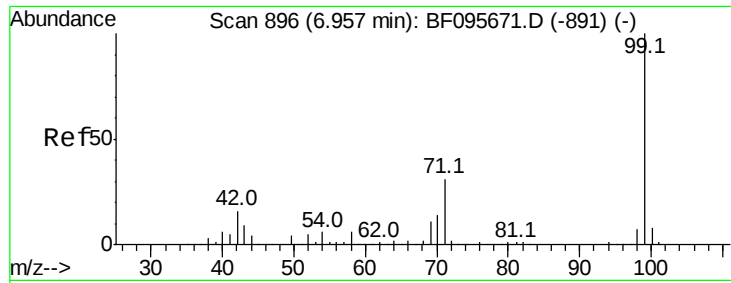
Delta R.T. 0.02 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	51964		
66	36.4	32.9	49.3	
65	18.4	16.0	24.0	





#7

Phenol-d6

Concen: 118.58 ng

RT: 6.90 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

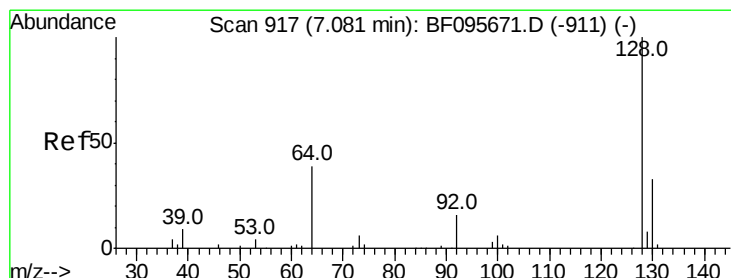
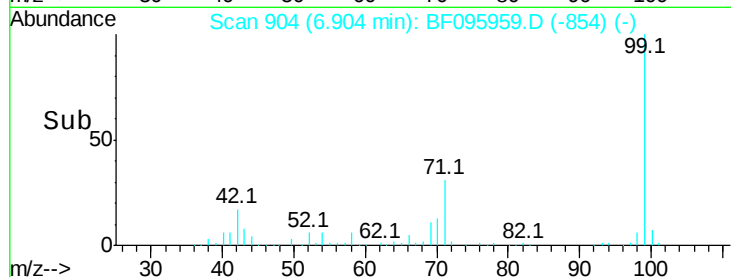
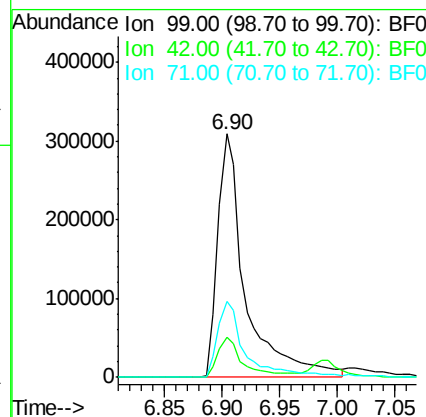
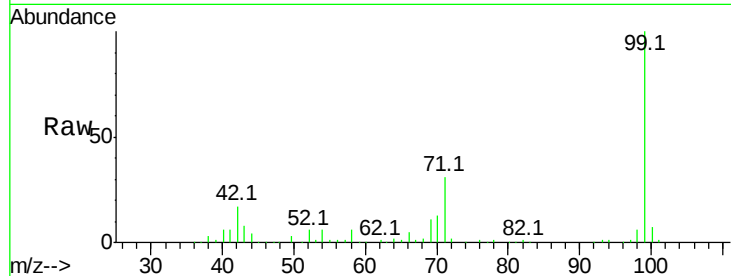
ClientSampleId :

PL-01-061417-AMSD

Tot Ion	99	Resp	517829
Ion Ratio	Lower	Upper	
99	100		
42	16.6	13.5	20.3
71	30.9	24.5	36.7

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#8

2-Chlorophenol

Concen: 47.66 ng

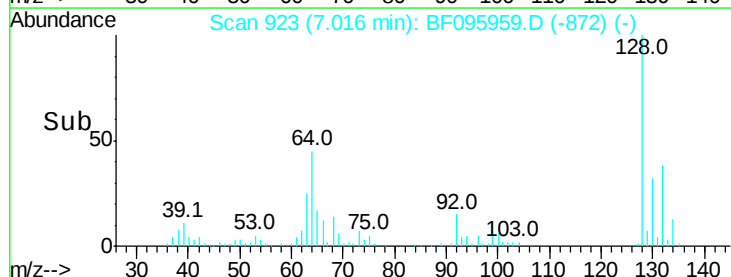
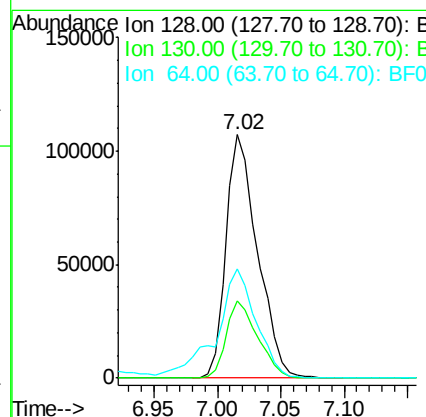
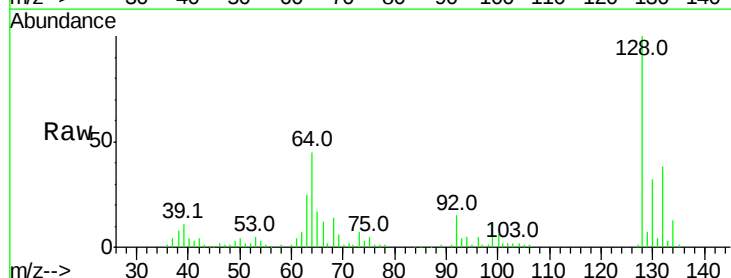
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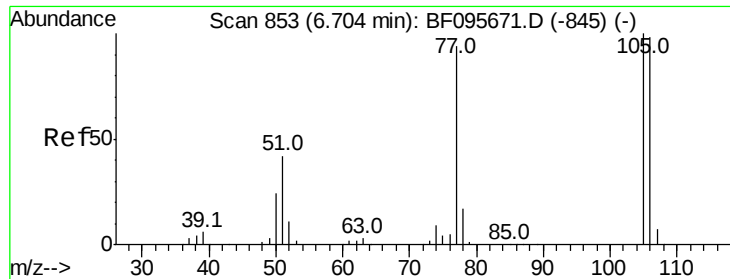
Delta R.T. 0.00 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Tgt Ion	128	Resp	184844
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.9	52.9
64	44.7	28.4	68.4





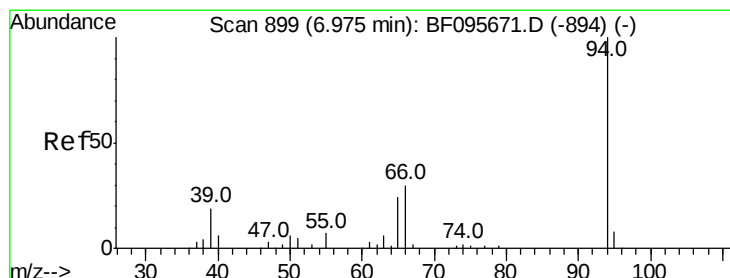
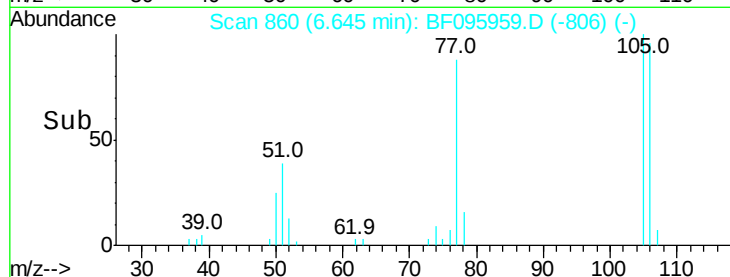
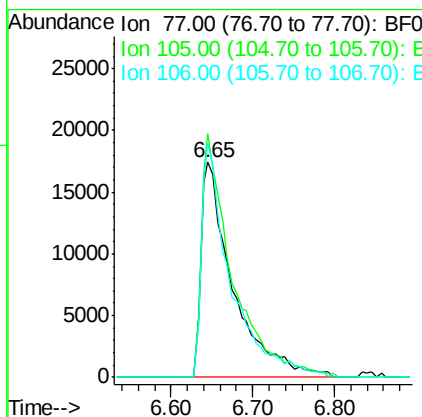
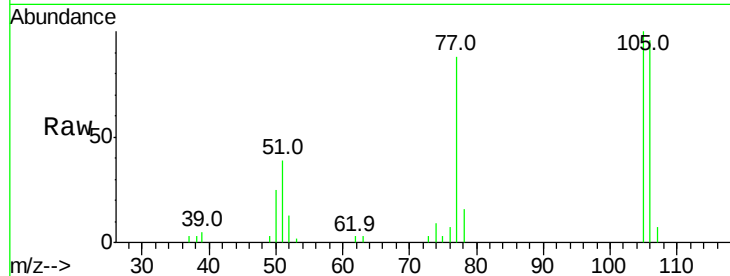
#9
Benzaldehyde
Concen: 16.10 ng
RT: 6.65 min Scan# 860
Delta R.T. 0.02 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-AMSD

Tot Ion: 77 Resp: 47434
Ion Ratio Lower Upper
77 100
105 113.2 83.8 123.8
106 109.2 79.1 119.1

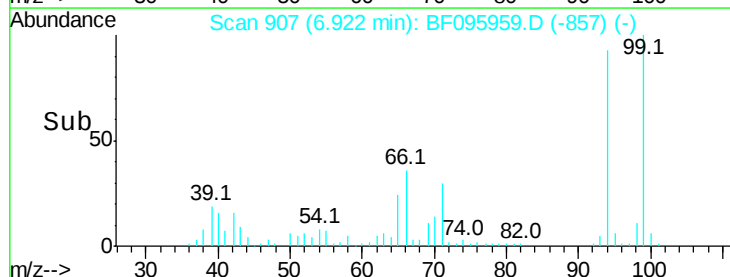
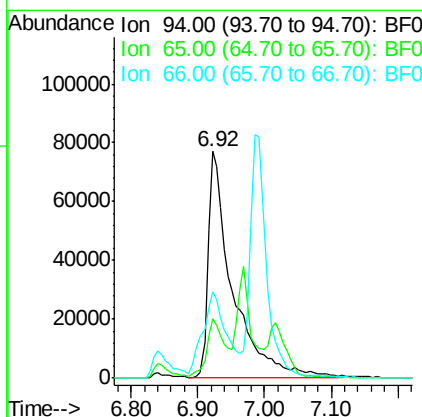
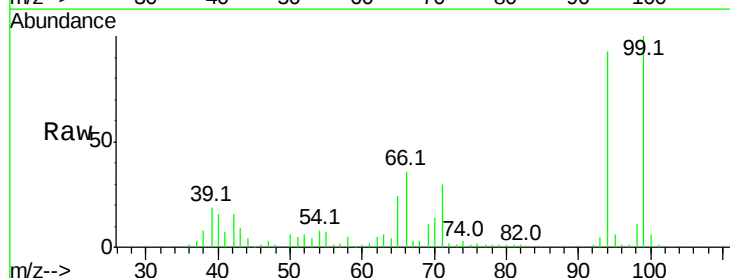
Manual Integrations
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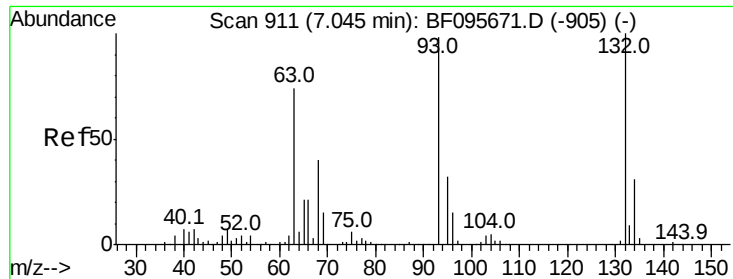
mohammad
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#10
Phenol
Concen: 43.65 ng
RT: 6.92 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion: 94 Resp: 197743
Ion Ratio Lower Upper
94 100
65 26.0 9.9 49.9
66 38.3 23.1 63.1





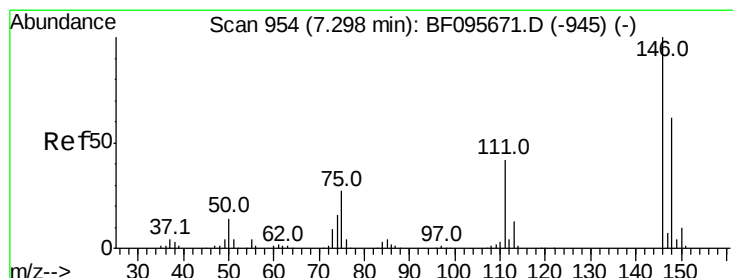
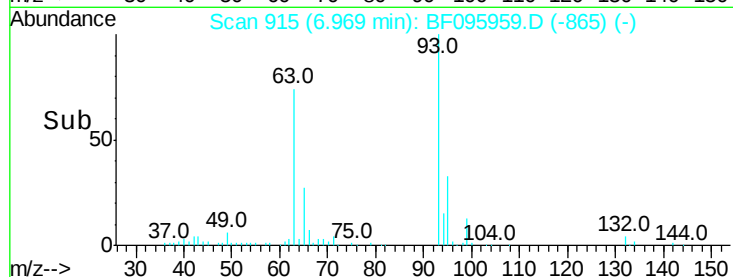
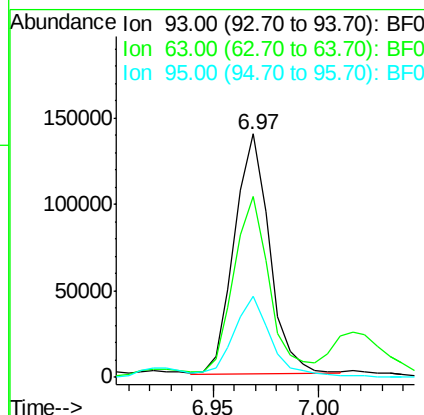
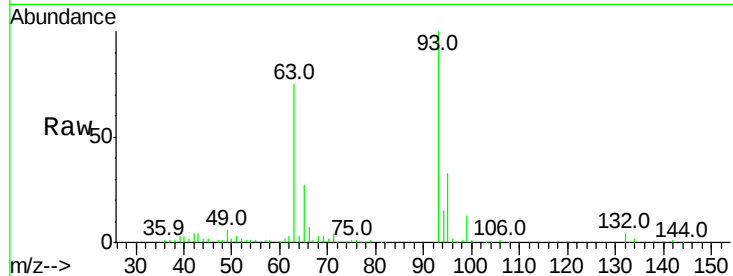
#11
bis(2-Chloroethyl)ether
Concen: 44.37 ng
RT: 6.97 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	159236		
63	74.5	59.2	99.2	
95	33.4	12.8	52.8	

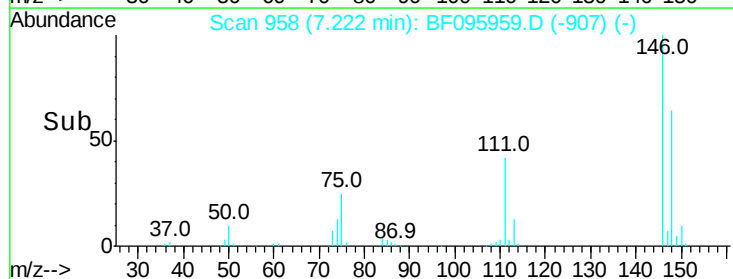
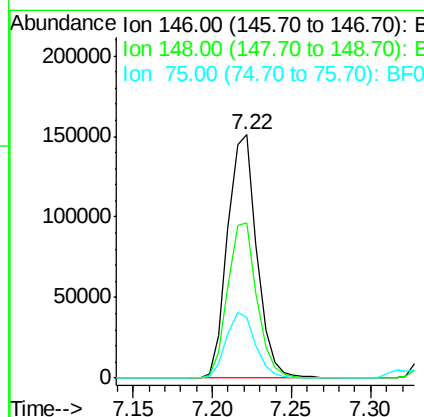
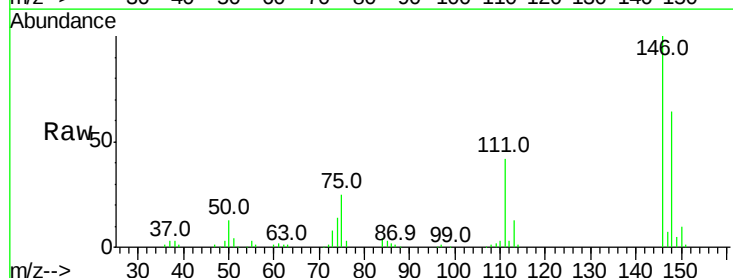
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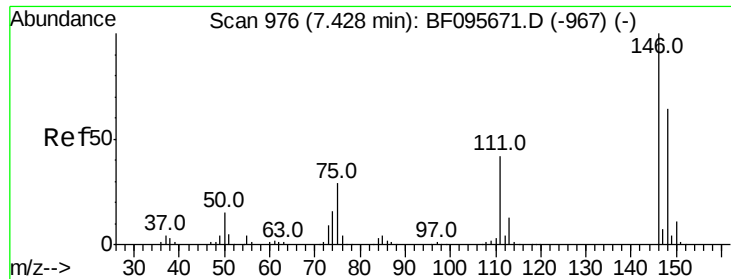
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#12
1,3-Dichlorobenzene
Concen: 43.93 ng
RT: 7.22 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	192824		
148	64.0	51.8	77.6	
75	25.1	23.1	34.7	





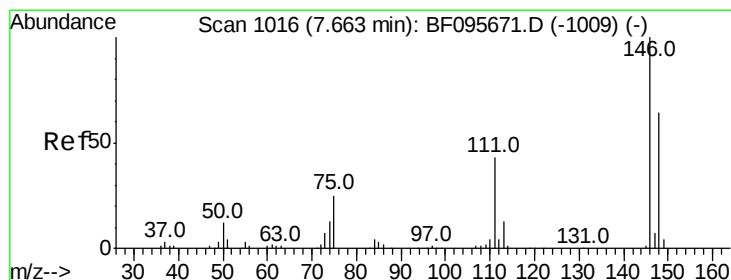
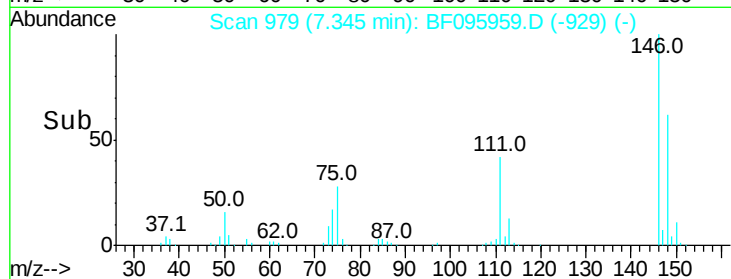
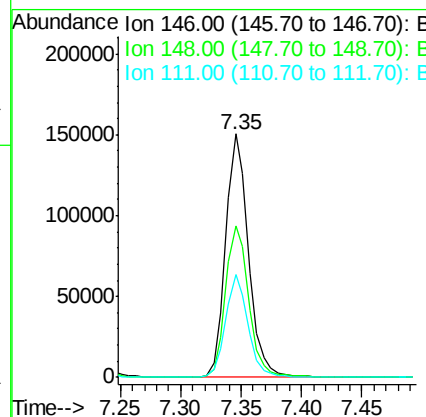
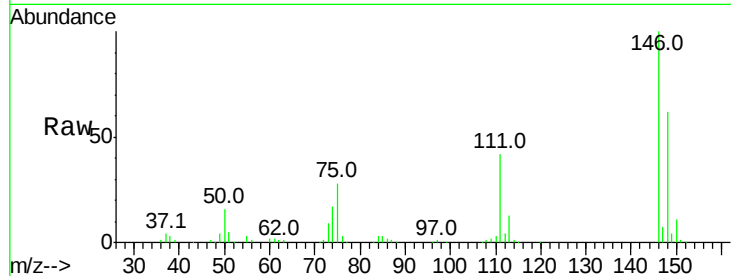
#13
 1,4-Dichlorobenzene
 Concen: 44.16 ng
 RT: 7.35 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	52.2	78.2
111	42.2	30.3	45.5

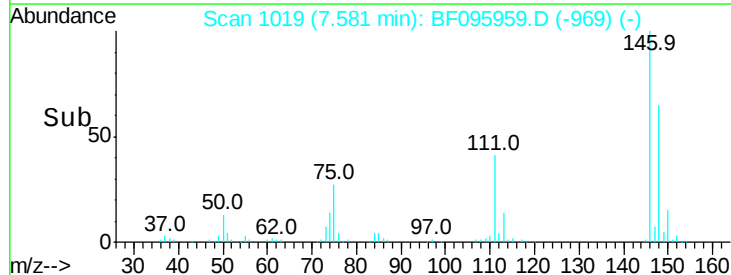
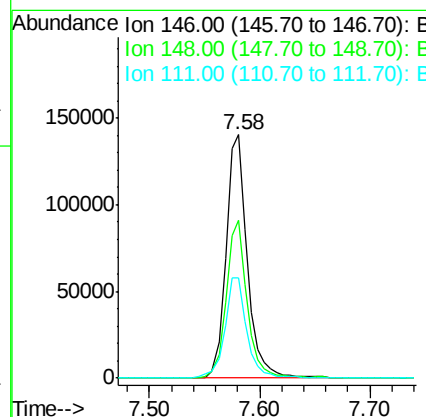
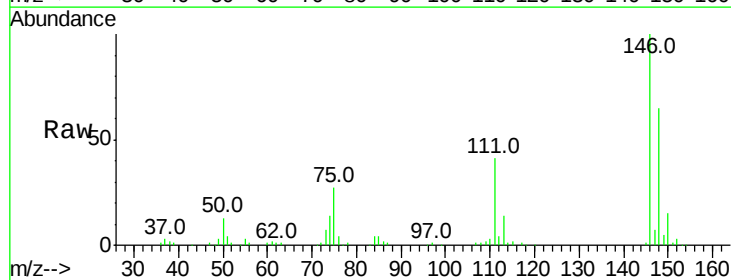
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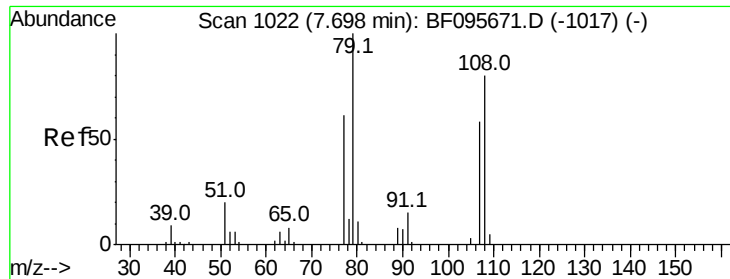
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#14
 1,2-Dichlorobenzene
 Concen: 46.00 ng
 RT: 7.58 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.4	75.6
111	41.3	38.2	57.4





#15

Benzyl Alcohol

Concen: 47.32 ng

RT: 7.63 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

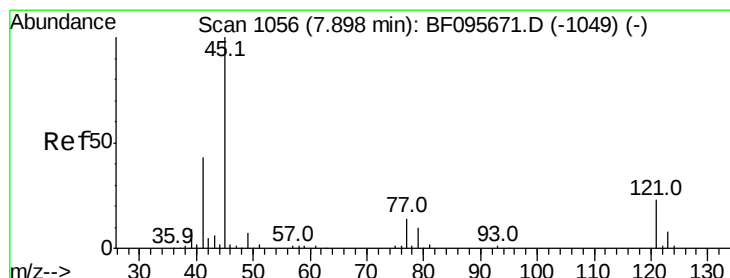
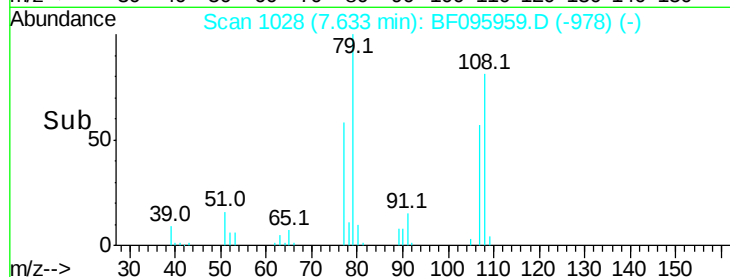
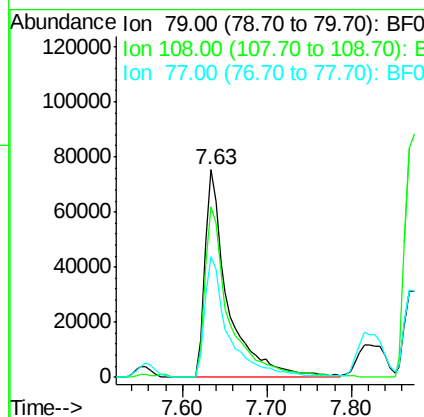
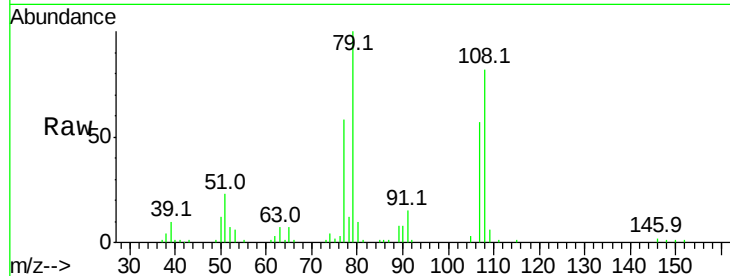
ClientSampleId :

PL-01-061417-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.1	63.4	95.0
77	58.3	49.2	73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.55 ng

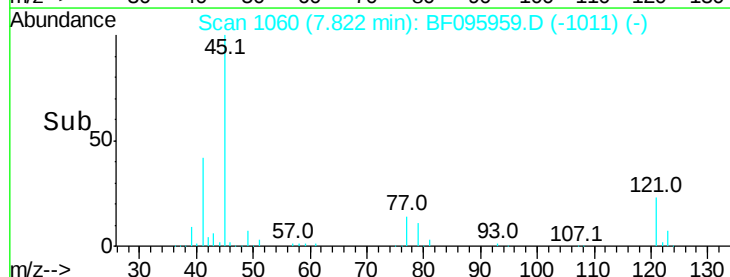
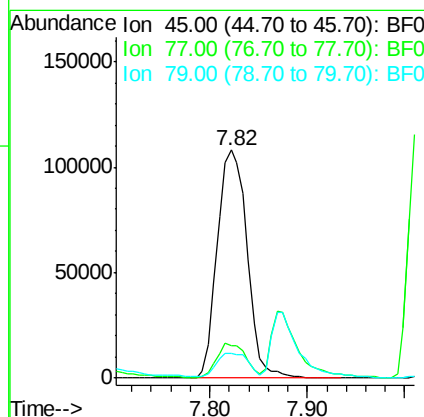
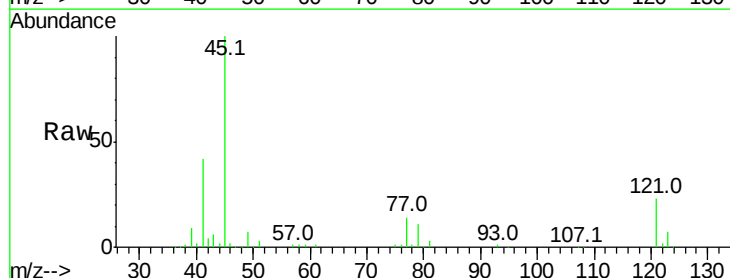
RT: 7.82 min Scan# 1060

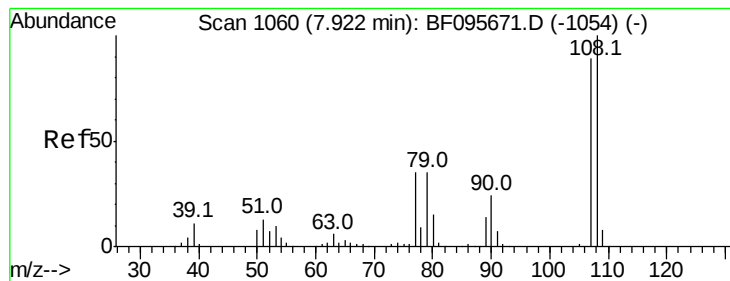
Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	33.2
79	10.9	0.0	30.0





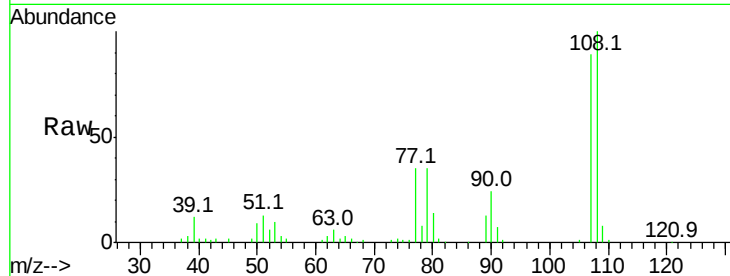
#17
2-Methylphenol
Concen: 46.56 ng
RT: 7.87 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	151540		
108	112.7	93.4	140.0	
77	40.0	35.8	53.6	
79	39.6	34.8	52.2	

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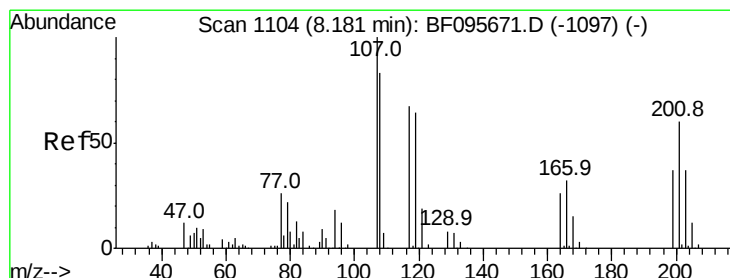
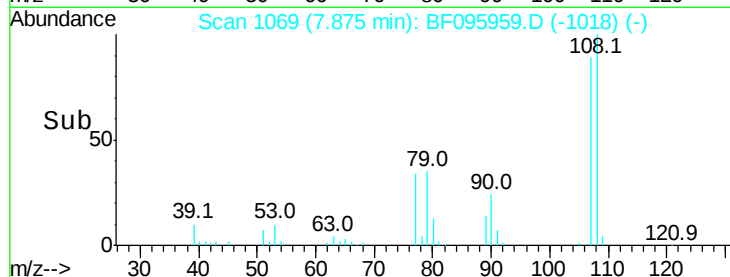
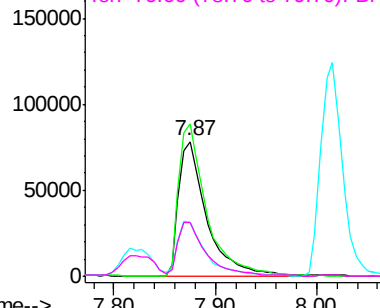
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

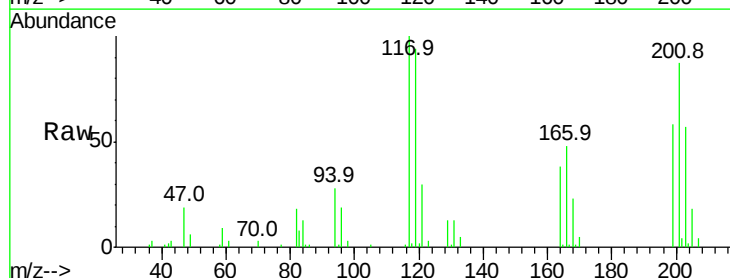
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 45.13 ng
RT: 8.09 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	66349		
119	94.5	77.4	116.0	
201	86.8	94.6	141.8#	

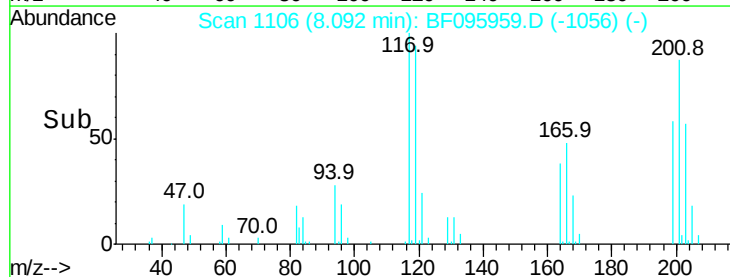
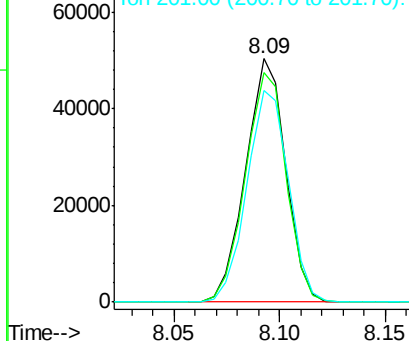


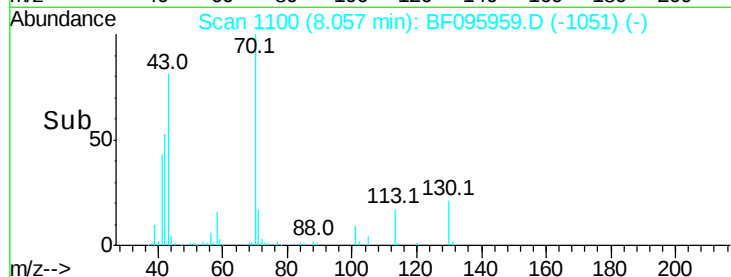
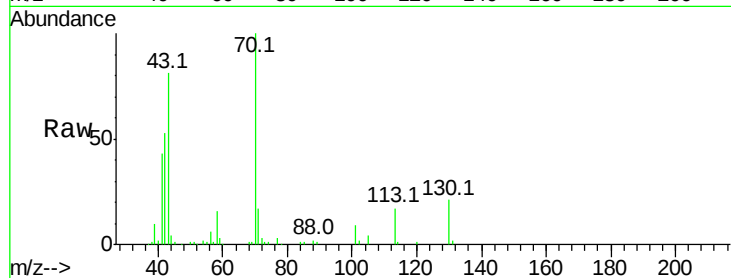
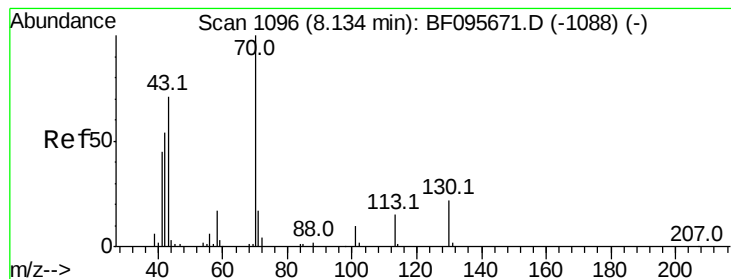
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 47.28 ng

RT: 8.06 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

PL-01-061417-AMSD

Tot Ion: 70 Resp: 130838

Ion Ratio Lower Upper

70 100

42 53.0 47.2 70.8

101 9.2 7.2 10.8

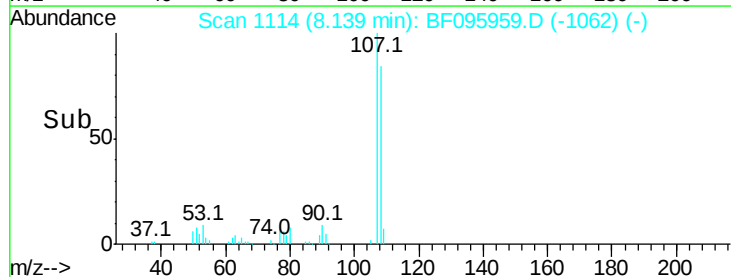
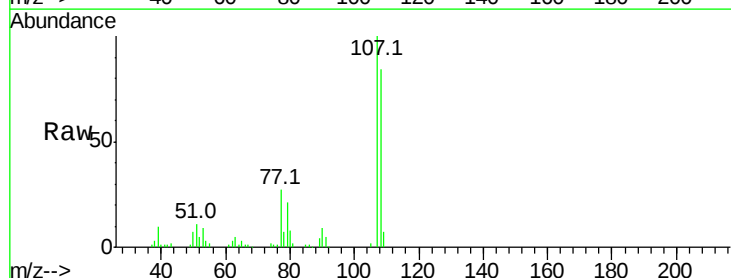
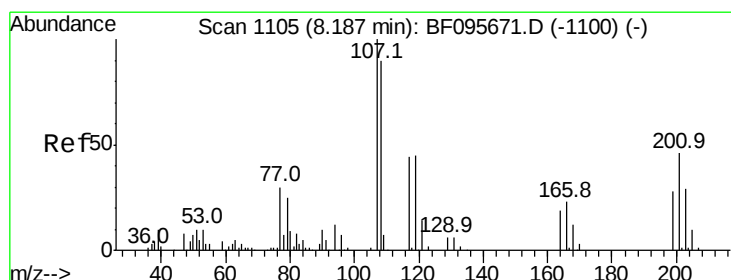
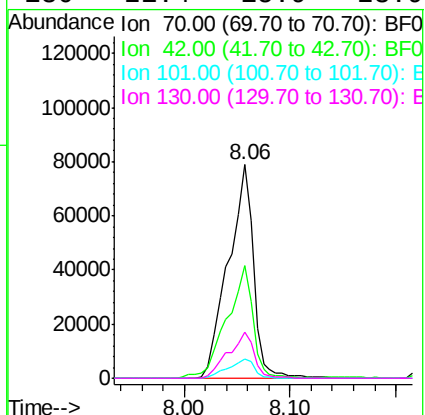
130 21.4 15.9 23.9

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#20

3+4-Methylphenols

Concen: 47.25 ng

RT: 8.14 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Tgt Ion: 107 Resp: 195199

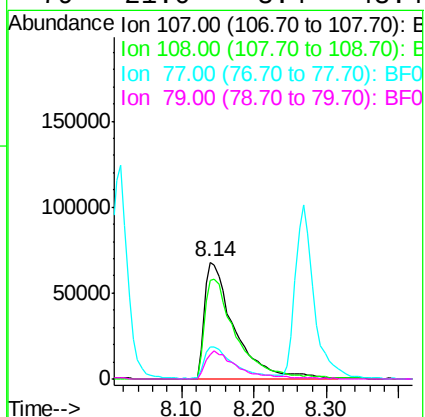
Ion Ratio Lower Upper

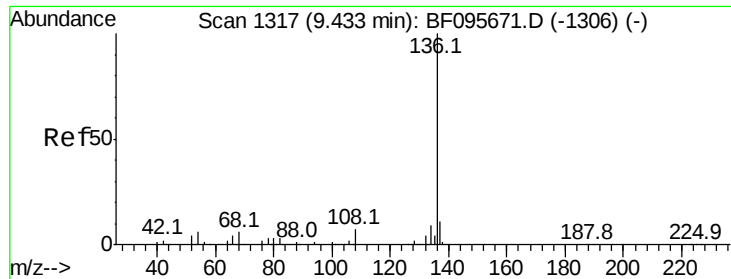
107 100

108 83.9 71.0 111.0

77 27.1 90.5 130.5#

79 21.0 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

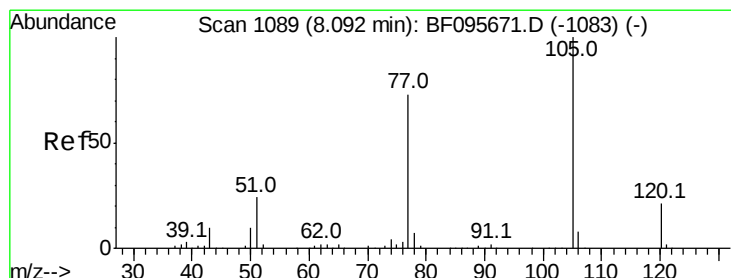
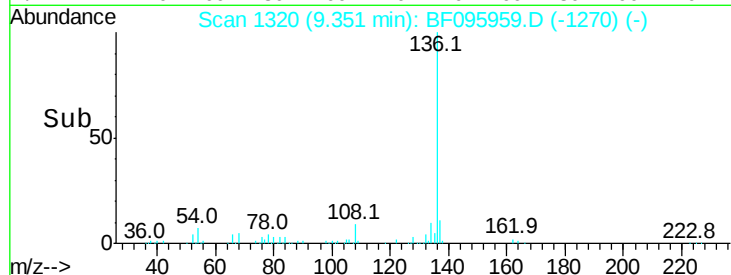
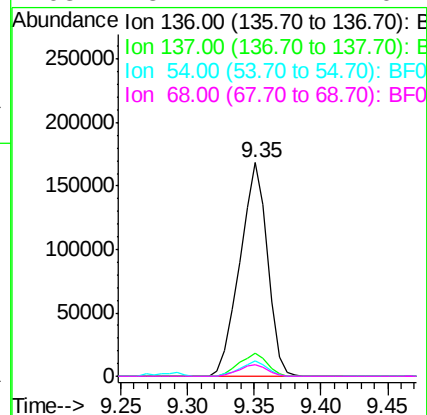
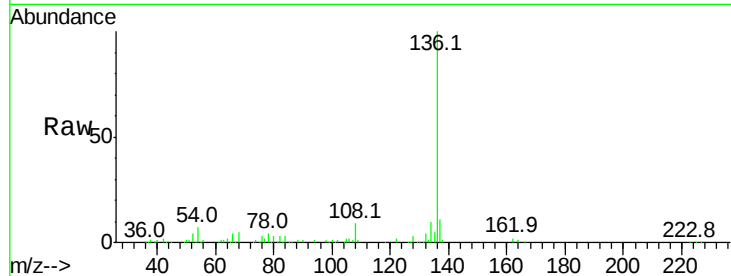
ClientSampleId :

PL-01-061417-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	241128		
137	10.7		8.5	12.7
54	7.2		4.9	7.3
68	5.4		4.1	6.1

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#22

Acetophenone

Concen: 46.24 ng

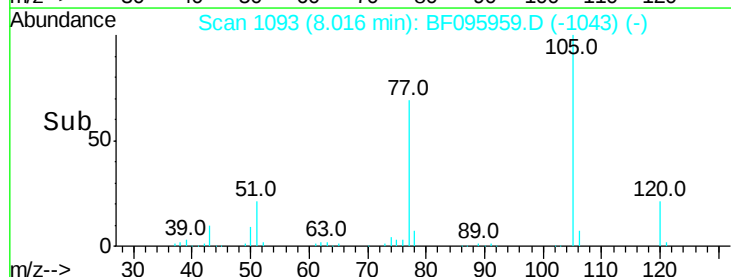
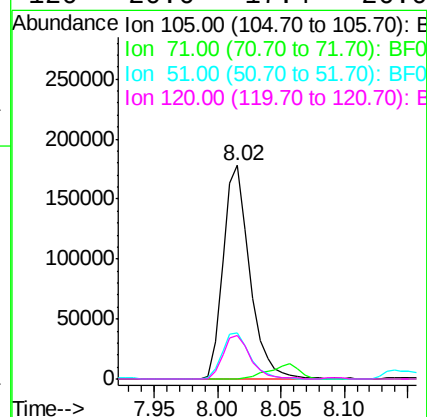
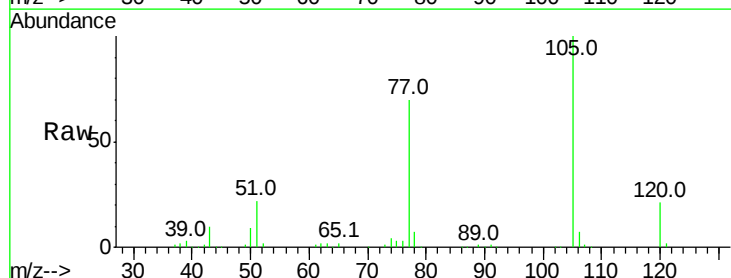
RT: 8.02 min Scan# 1093

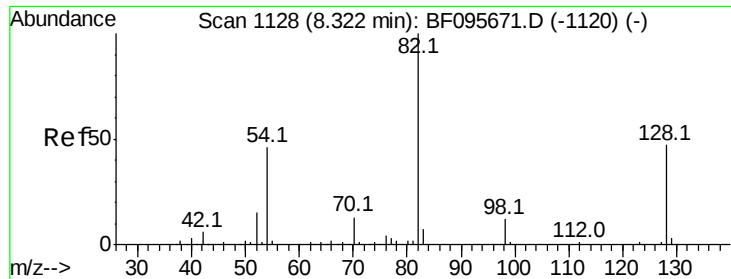
Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	260984		
71	0.0		2.8	4.2#
51	21.8		30.7	46.1#
120	20.6		17.4	26.0





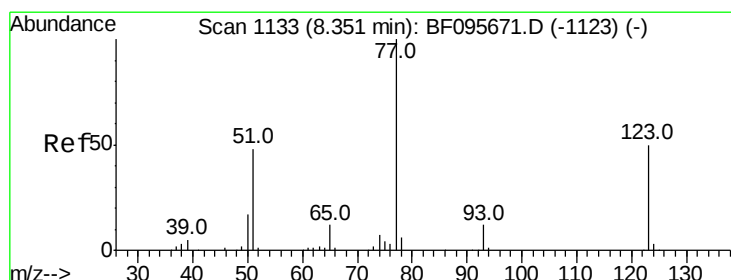
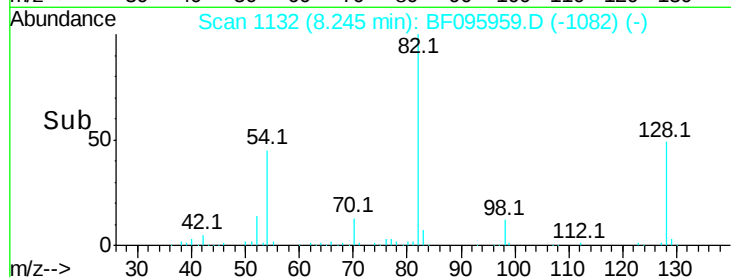
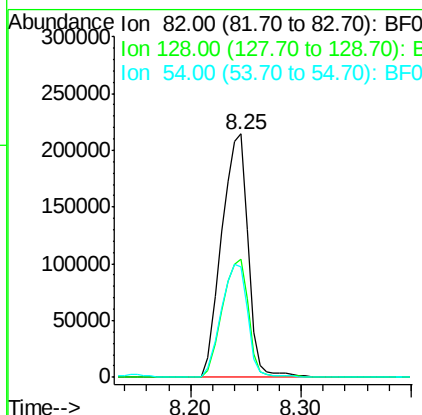
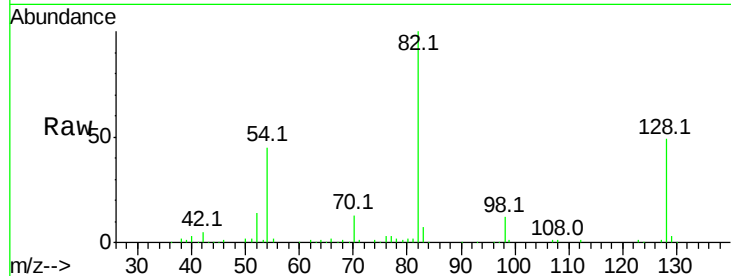
#23
 Nitrobenzene-d5
 Concen: 92.38 ng
 RT: 8.25 min Scan# 1132
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.5	34.0	51.0	
54	45.5	42.2	63.2	

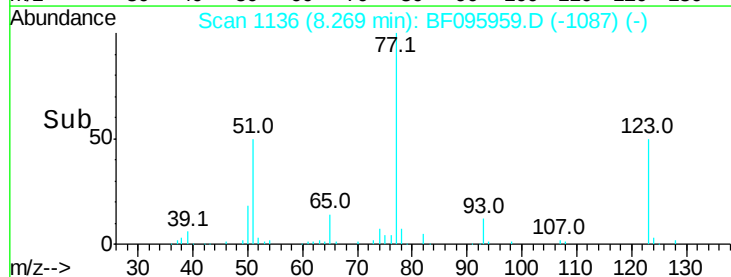
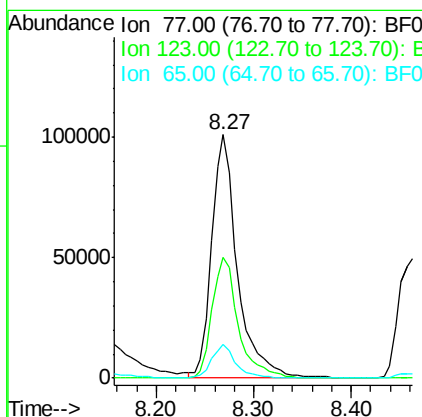
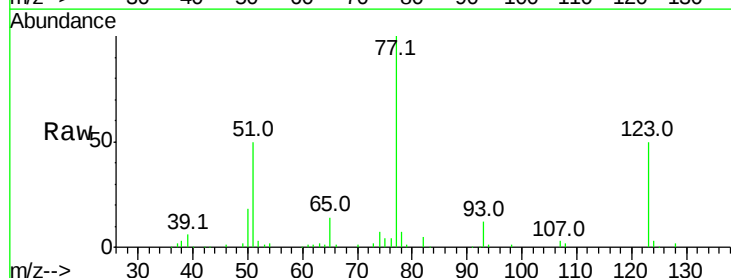
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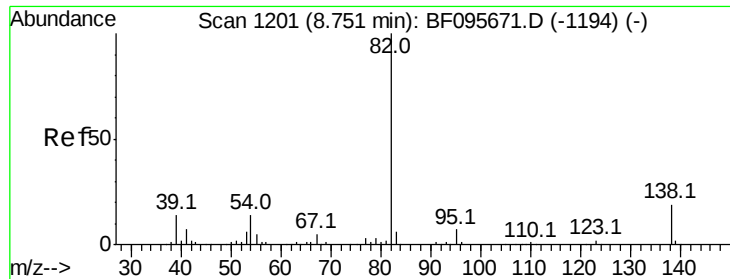
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#24
 Nitrobenzene
 Concen: 44.60 ng
 RT: 8.27 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.7	35.8	53.8	
65	13.7	10.6	15.8	





#25

Isophorone

Concen: 45.14 ng

RT: 8.67 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

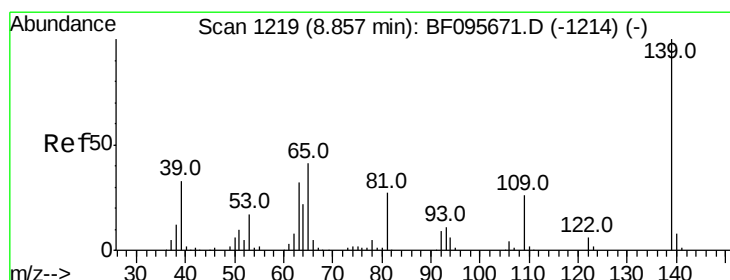
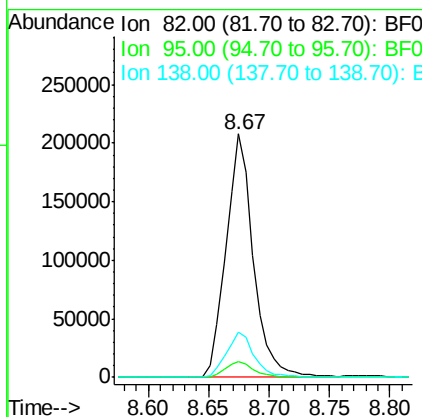
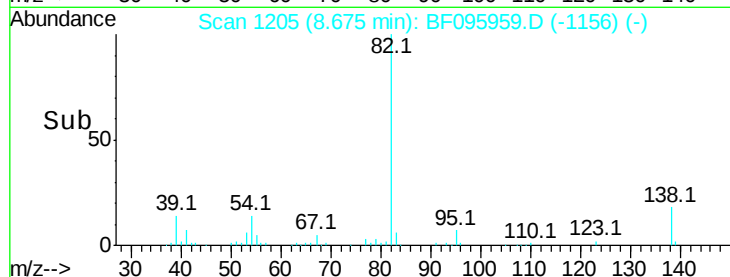
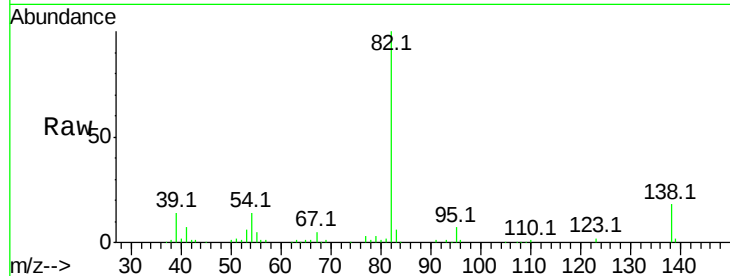
ClientSampleId :

PL-01-061417-AMSD

Tot Ion:	82	Resp:	327264
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	18.3	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.70 ng

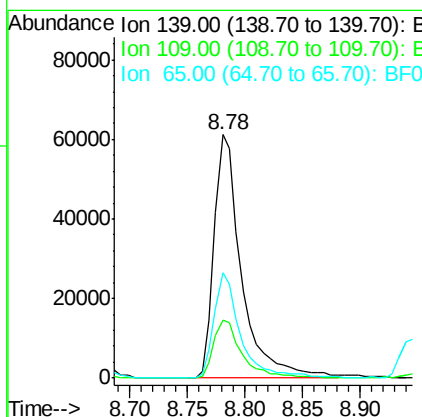
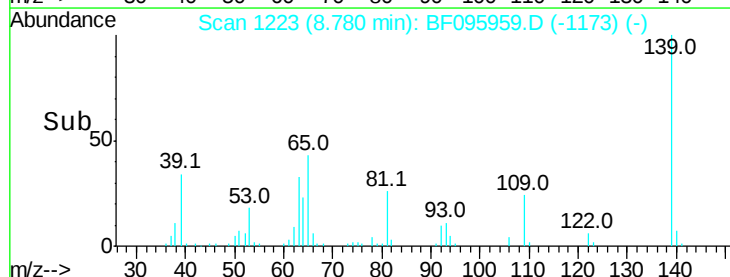
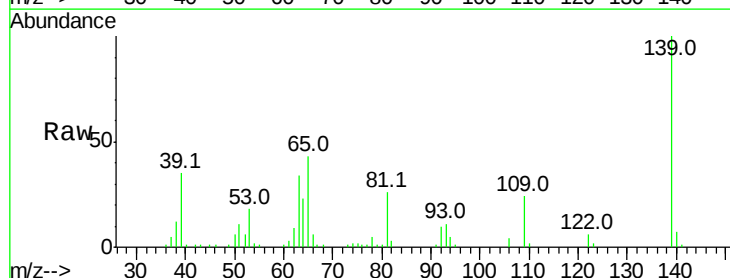
RT: 8.78 min Scan# 1223

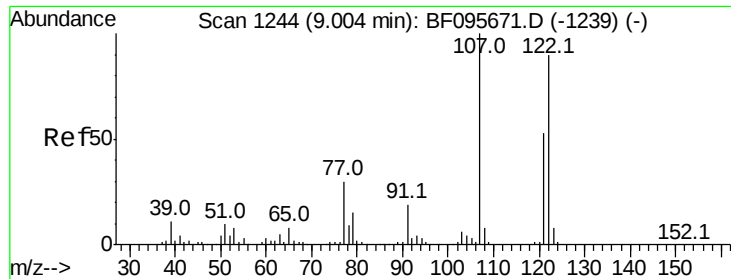
Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Tgt Ion:	139	Resp:	101433
Ion Ratio	Lower	Upper	
139	100		
109	24.0	21.0	31.6
65	43.3	33.0	49.6





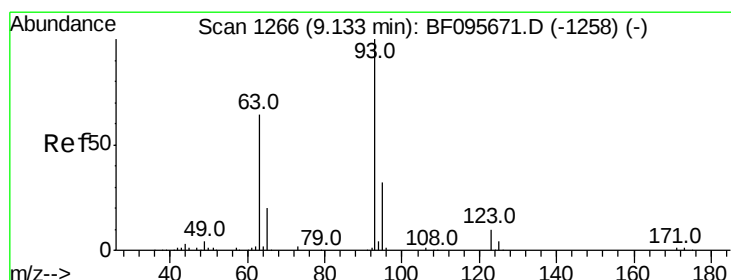
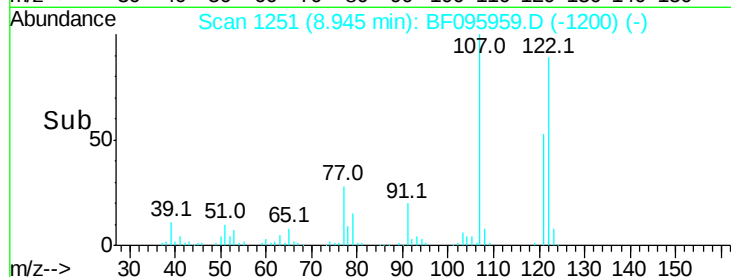
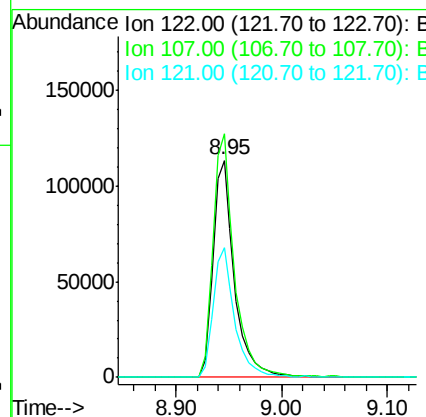
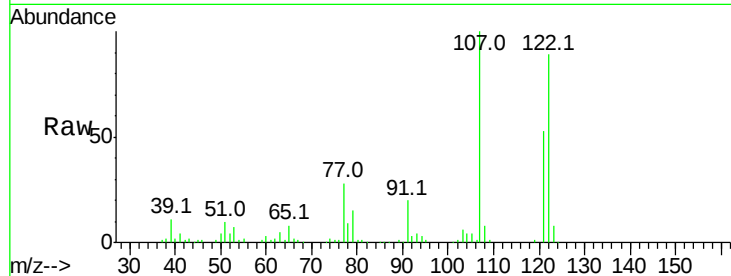
#27
 2,4-Dimethylphenol
 Concen: 47.82 ng
 RT: 8.95 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	161188		
107	112.2	89.2	133.8	
121	59.9	45.2	67.8	

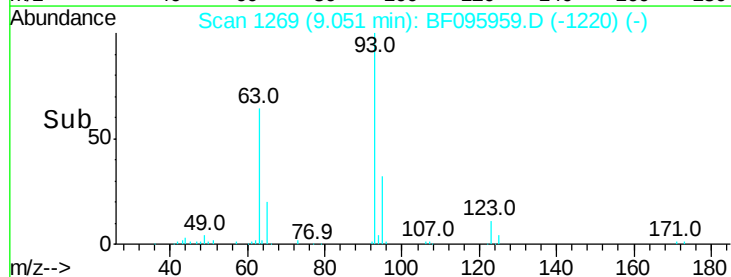
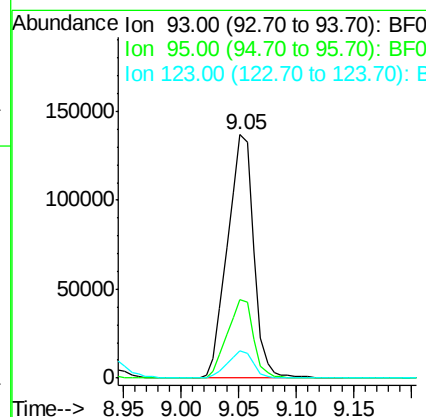
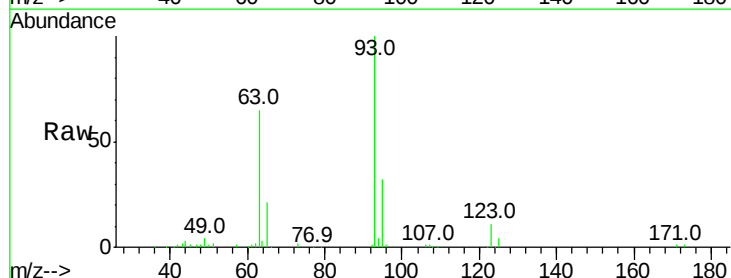
Manual Integrations
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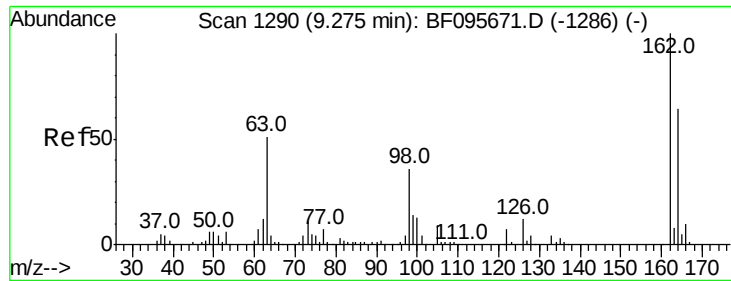
mohammad
 6/19/2017 3:46:57 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.27 ng
 RT: 9.05 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	216354		
95	32.2	26.5	39.7	
123	11.0	9.0	13.4	





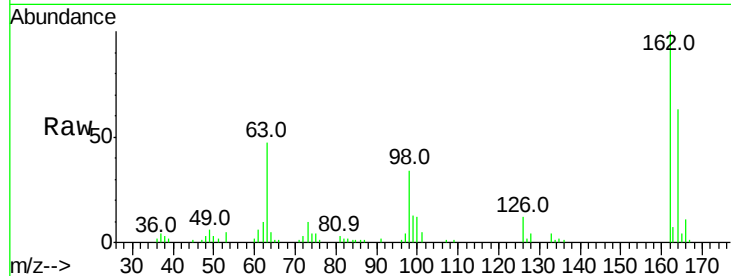
#29
 2,4-Dichlorophenol
 Concen: 48.46 ng
 RT: 9.23 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-AMSD

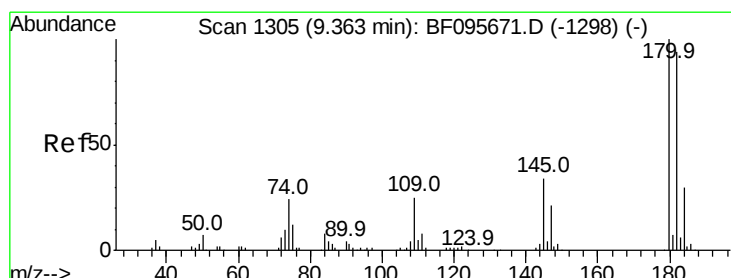
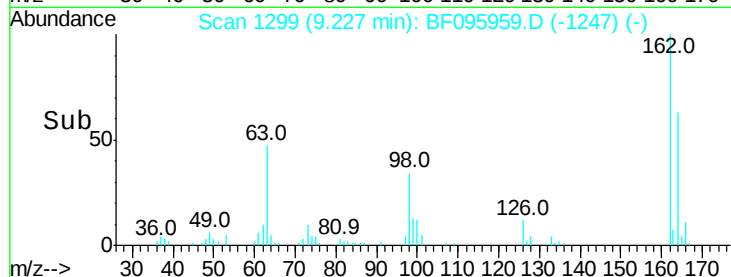
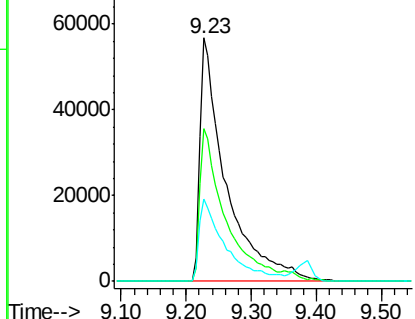
Tot Ion	Ratio	Resp	Lower	Upper
162	100	157296		
164	62.9		44.6	84.6
98	33.8		14.8	54.8

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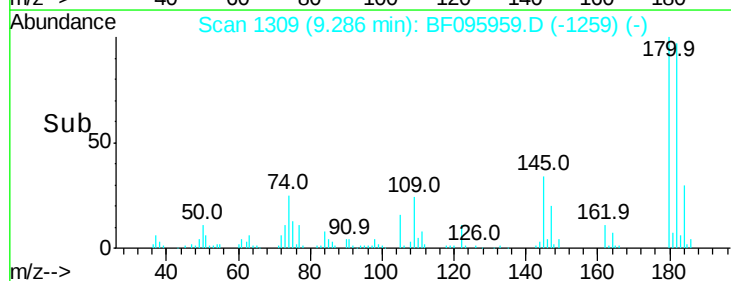
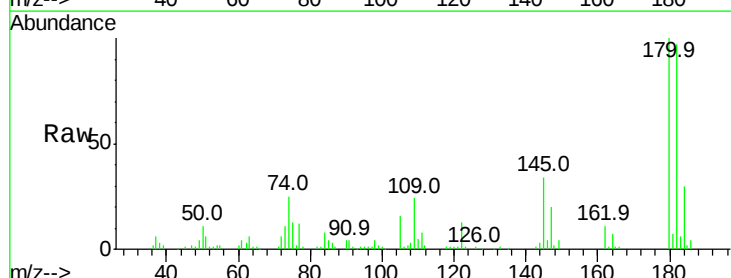
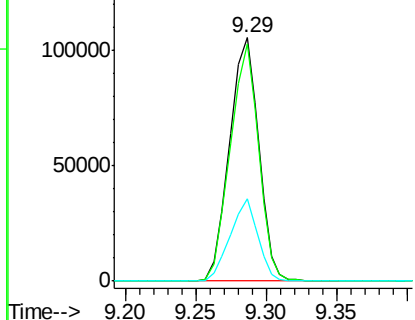
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

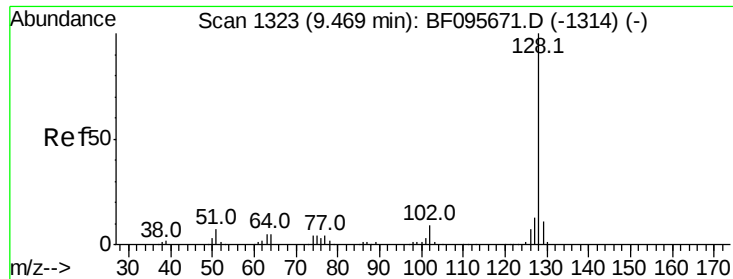


#30
 1,2,4-Trichlorobenzene
 Concen: 44.99 ng
 RT: 9.29 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	151972		
182	97.5		75.8	113.6
145	33.9		25.3	37.9

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





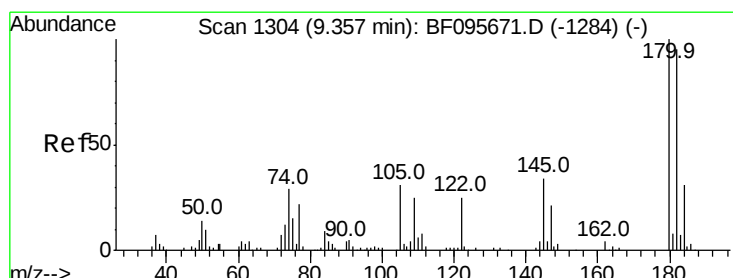
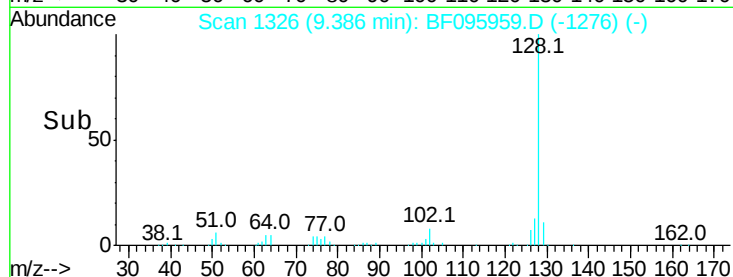
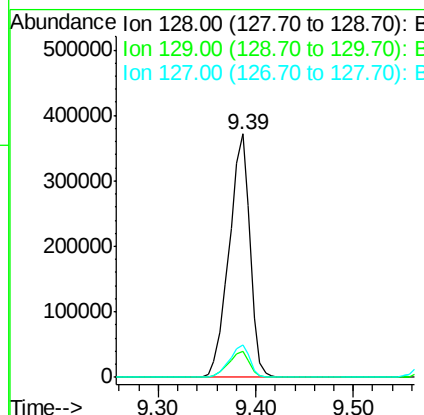
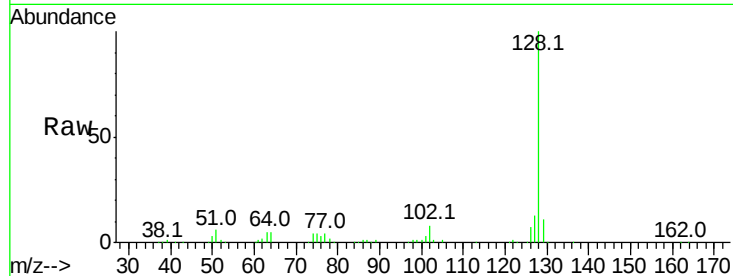
#31
Naphthalene
Concen: 45.35 ng
RT: 9.39 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.3	10.8	16.2

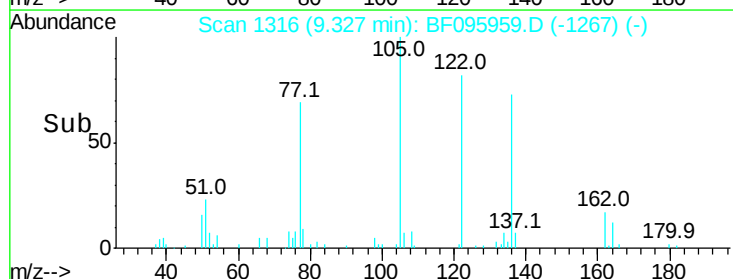
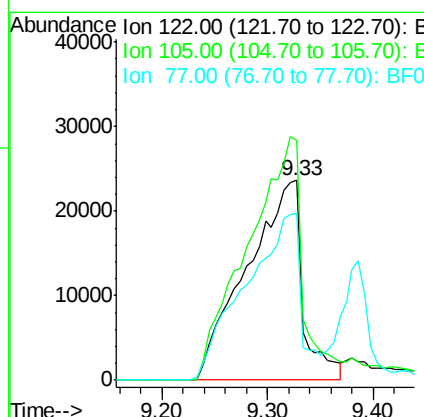
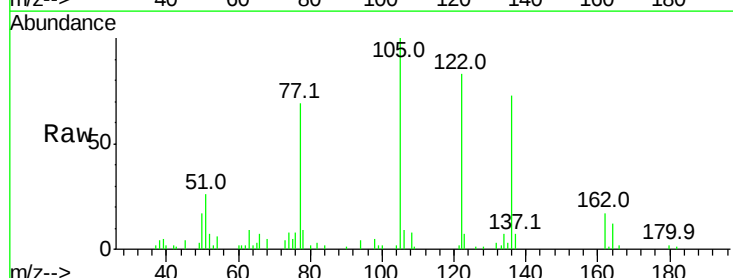
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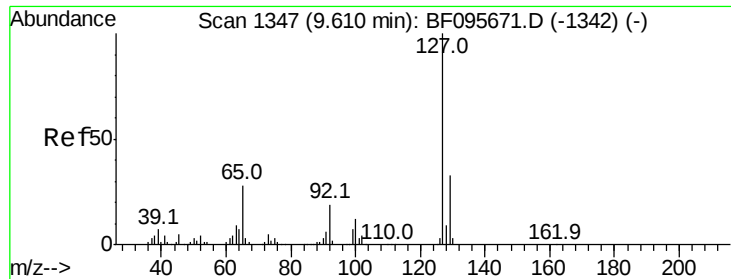
mohammad
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#32
Benzoic acid
Concen: 41.76 ng
RT: 9.33 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.9	103.3	143.3
77	83.3	73.7	113.7





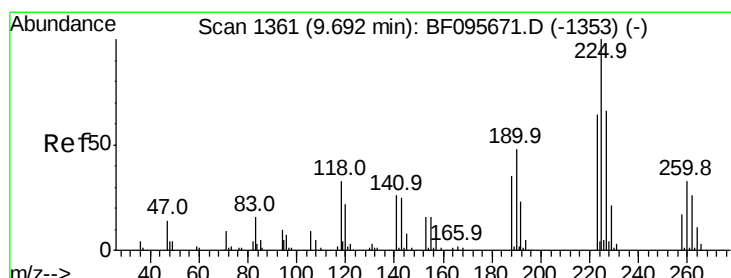
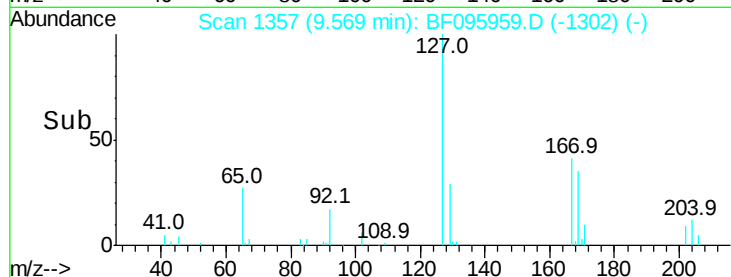
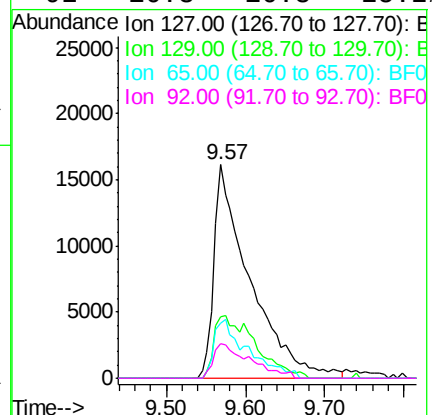
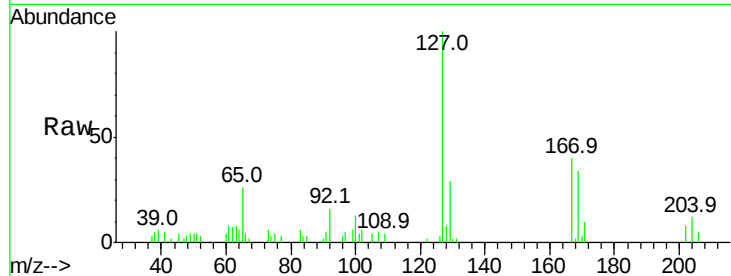
#33
4-Chloroaniline
Concen: 10.73 ng
RT: 9.57 min Scan# 1357
Delta R.T. 0.02 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-AMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	28.6	26.2	39.2
65	25.8	27.8	41.8#
92	16.3	16.8	25.2#

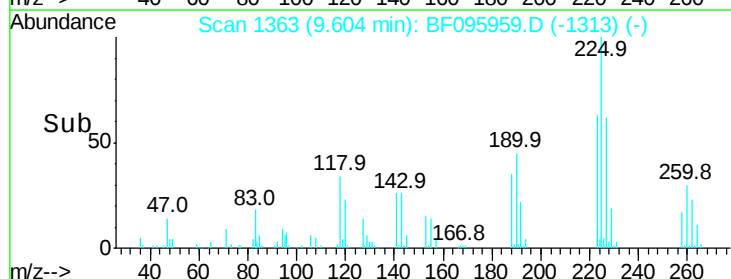
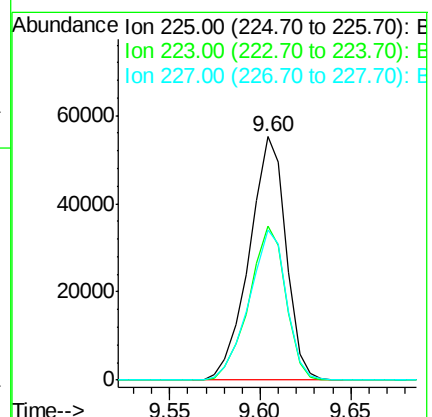
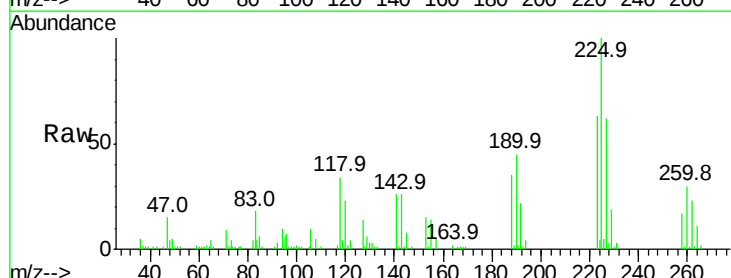
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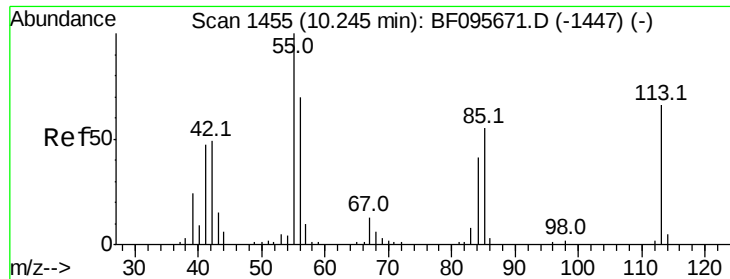
mohammad
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#34
Hexachlorobutadiene
Concen: 44.47 ng
RT: 9.60 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.8	73.2
227	61.8	51.1	76.7





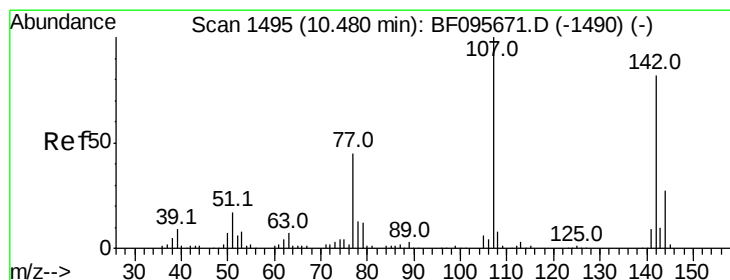
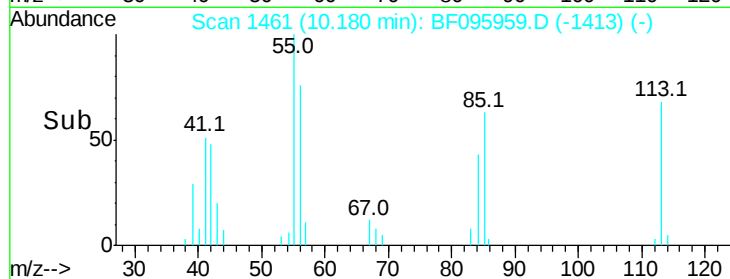
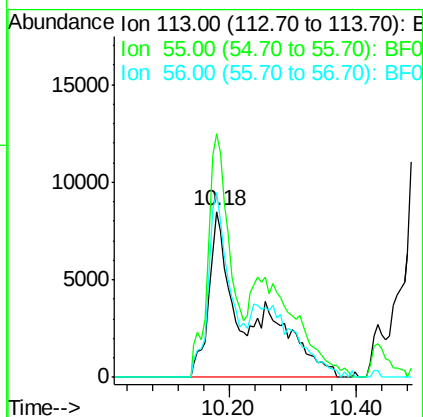
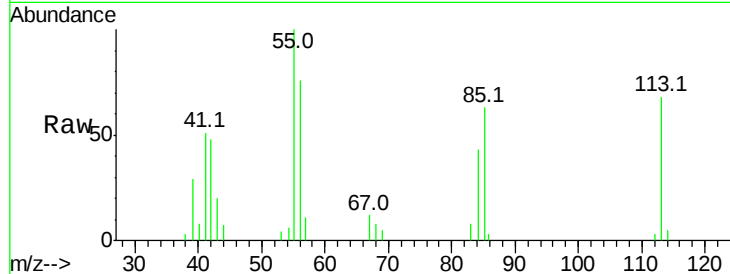
#35
 Caprolactam
 Concen: 37.11 ng/ml
 RT: 10.18 min Scan# 1461
 Delta R.T. -0.02 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-AMSD

Tot Ion: 113 Resp: 35845
 Ion Ratio Lower Upper
 113 100
 55 146.8 150.2 190.2#
 56 111.8 107.8 147.8

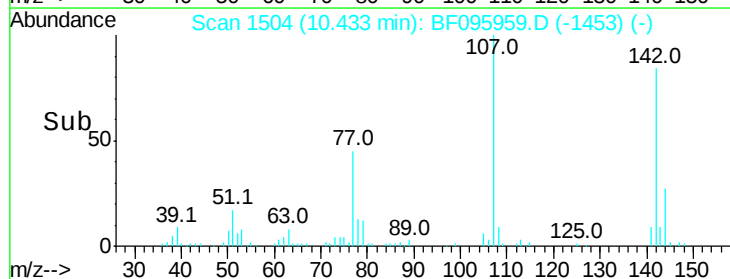
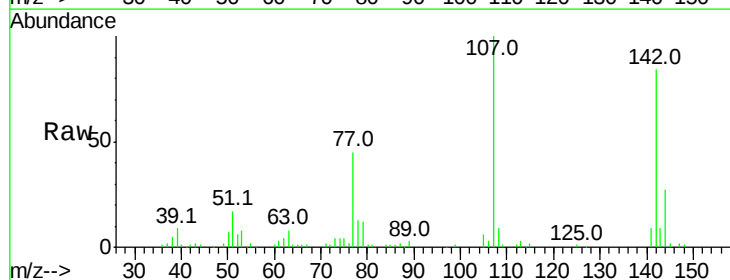
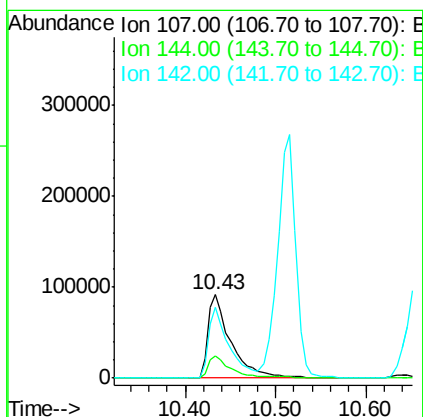
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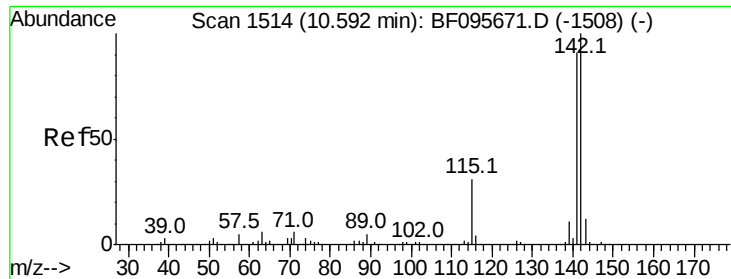
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 47.73 ng
 RT: 10.43 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion: 107 Resp: 162188
 Ion Ratio Lower Upper
 107 100
 144 27.2 24.2 36.4
 142 84.3 73.4 110.0





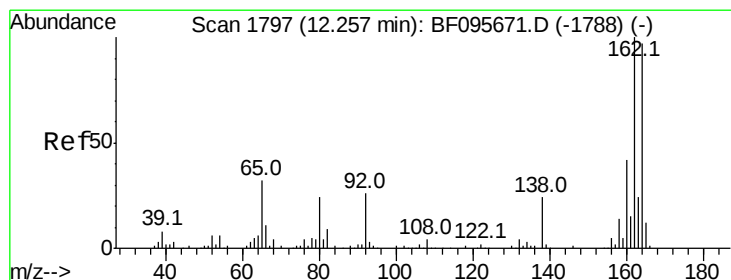
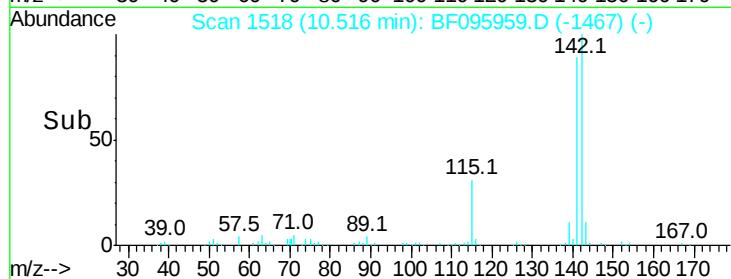
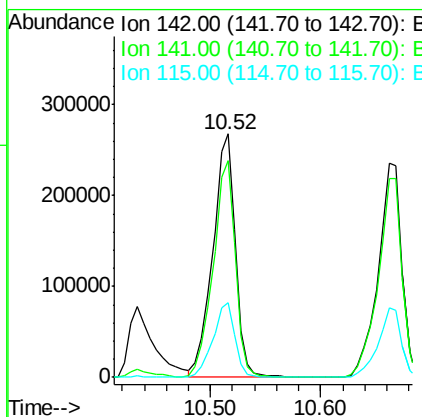
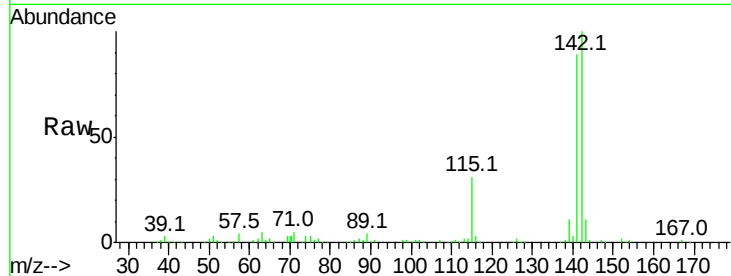
#37
2-Methylnaphthalene
Concen: 46.35 ng
RT: 10.52 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.3	106.9
115	30.6	27.1	40.7

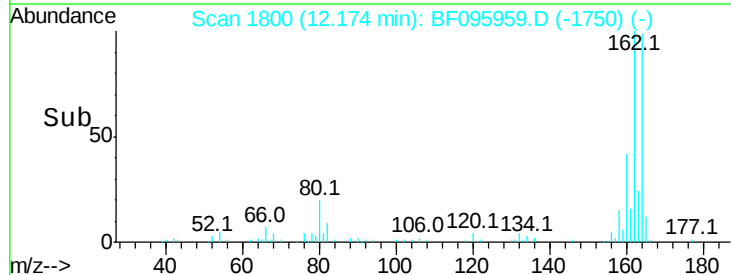
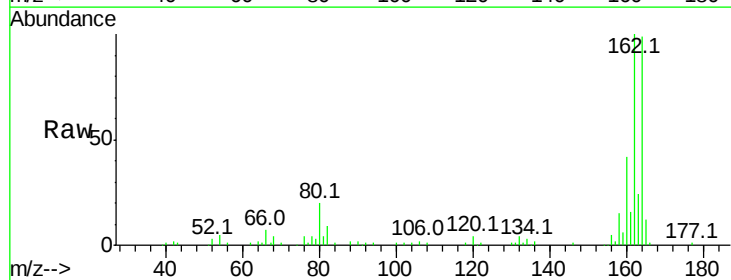
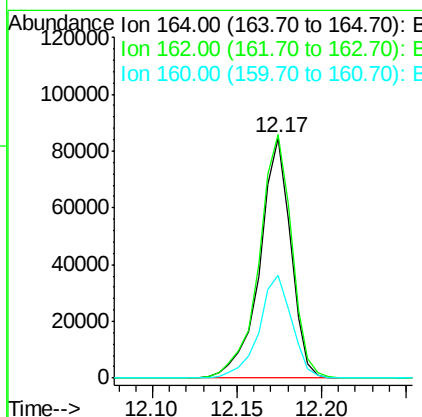
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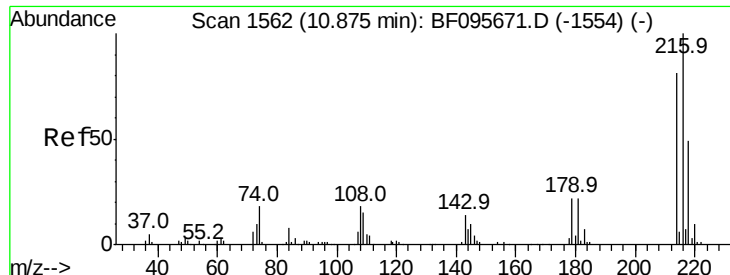
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	42.7	36.2	54.2





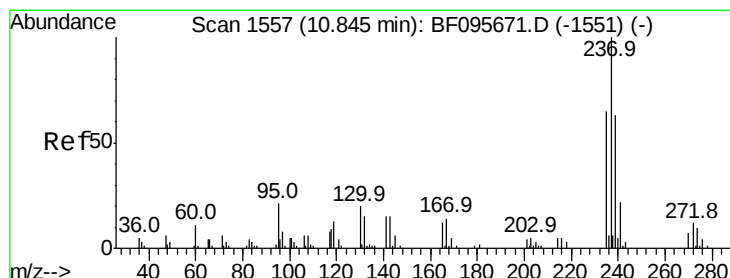
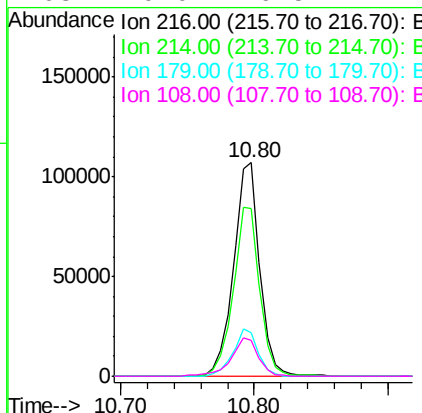
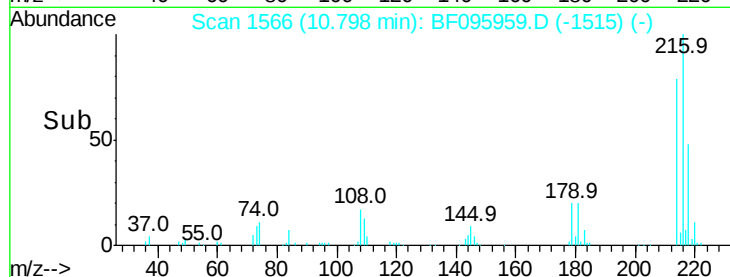
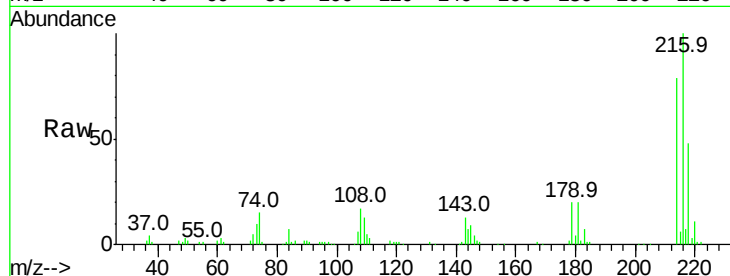
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.08 ng
 RT: 10.80 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	145235		
214	80.0		63.4	95.2
179	21.4		17.9	26.9
108	19.0		16.5	24.7

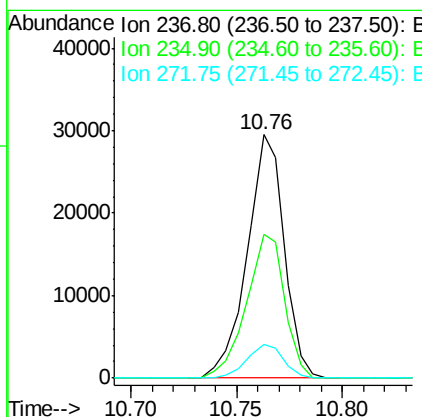
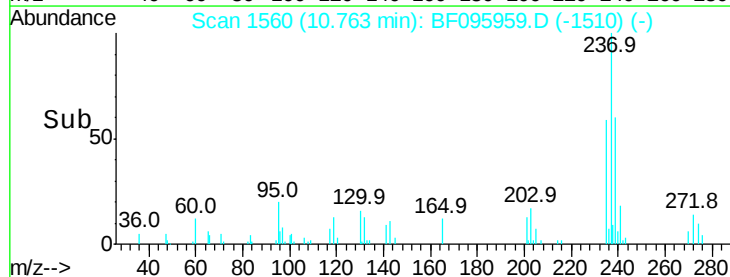
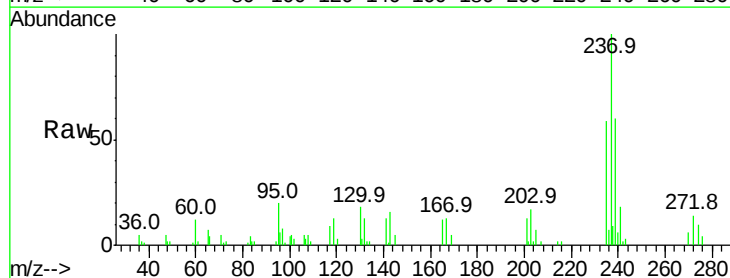
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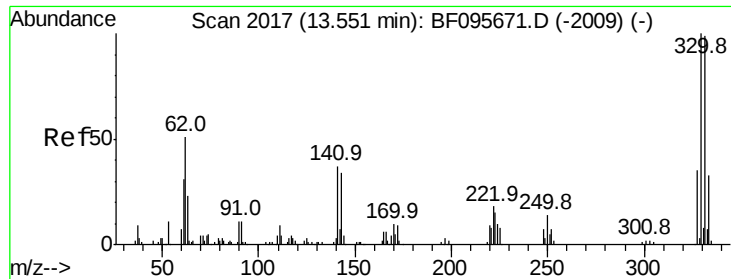
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 41.83 ng
 RT: 10.76 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	35935		
235	59.2		42.6	82.6
272	13.9		0.0	31.9





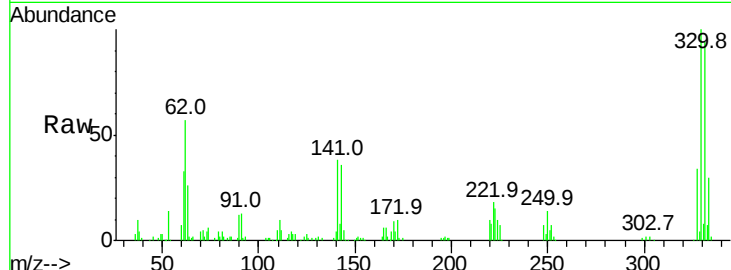
#41
 2,4,6-Tribromophenol
 Concen: 132.48 ng
 RT: 13.47 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-AMSD

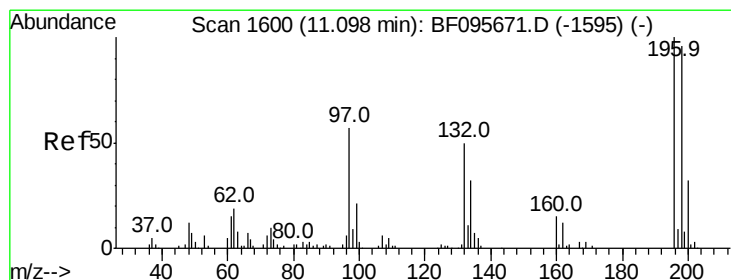
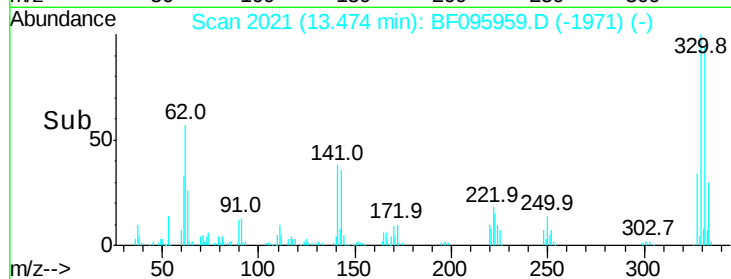
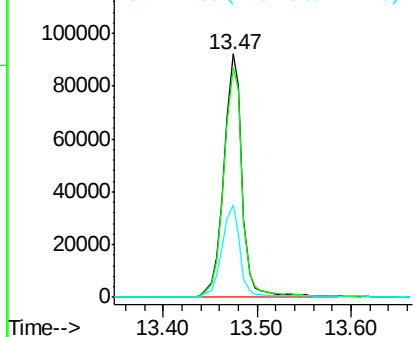
Tot Ion	Ratio	Resp	Lower	Upper
330	100	126174		
332	95.7	76.6	115.0	
141	37.5	31.4	47.2	

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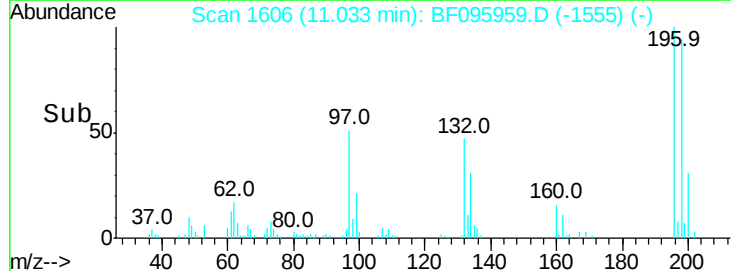
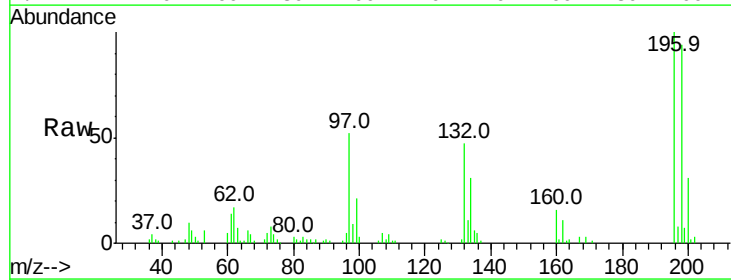
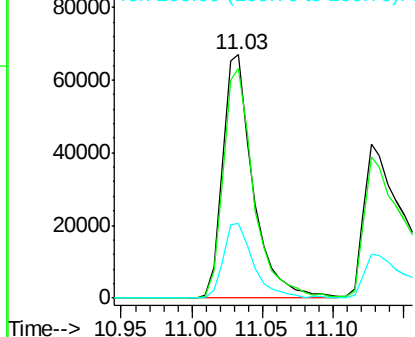
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

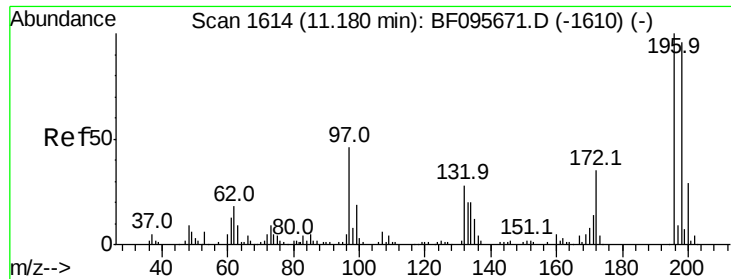


#42
 2,4,6-Trichlorophenol
 Concen: 48.30 ng
 RT: 11.03 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	100035		
198	94.3	74.2	111.4	
200	30.5	24.0	36.0	

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





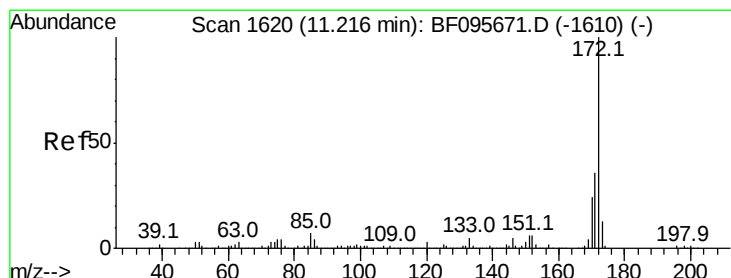
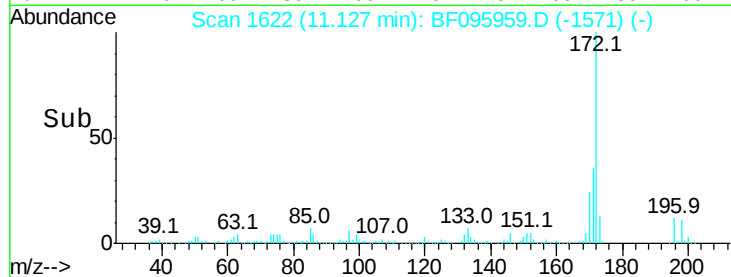
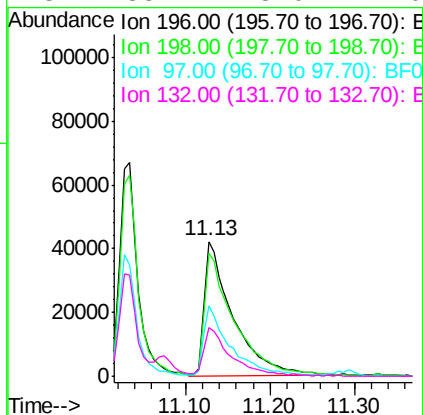
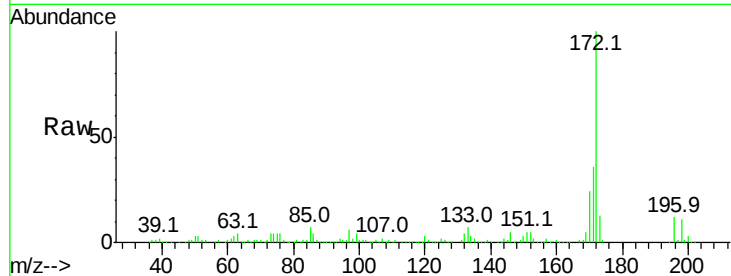
#43
 2,4,5-Trichlorophenol
 Concen: 44.66 ng
 RT: 11.13 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-AMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.5	75.7	113.5
97	52.5	47.7	71.5
132	35.7	28.0	42.0

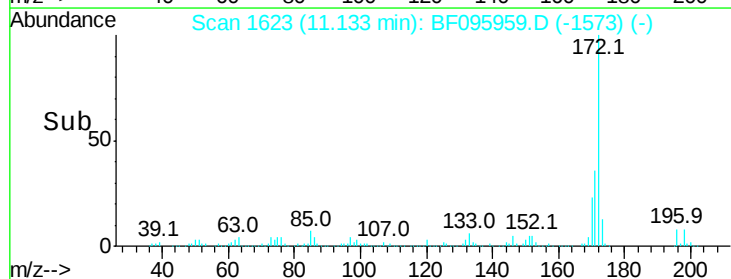
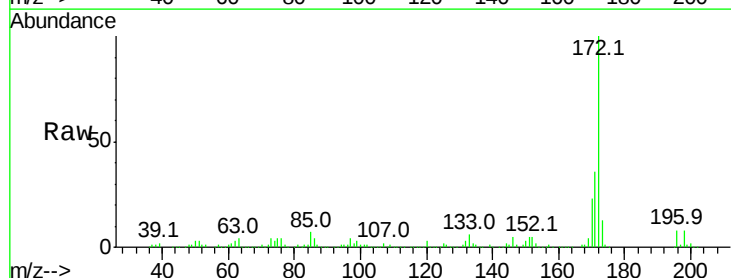
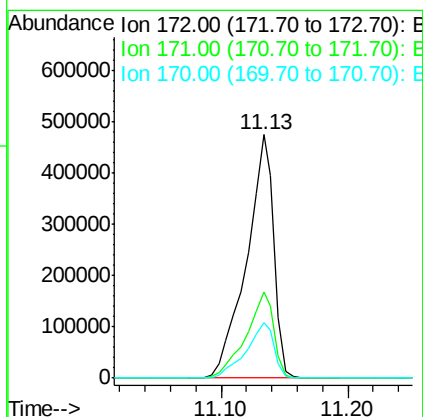
Manual Integrations
 APPROVED

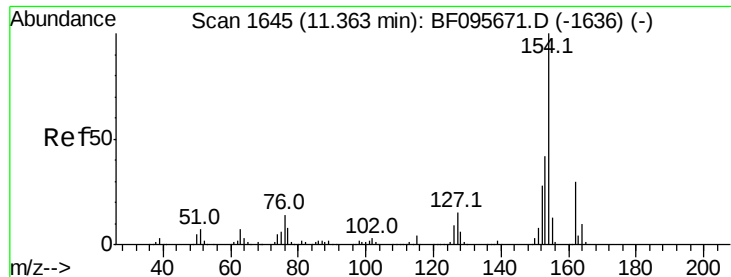
mohammad
 6/19/2017 3:46:57 PM



#44
 2-Fluorobiphenyl
 Concen: 91.75 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	22.9	19.8	29.8





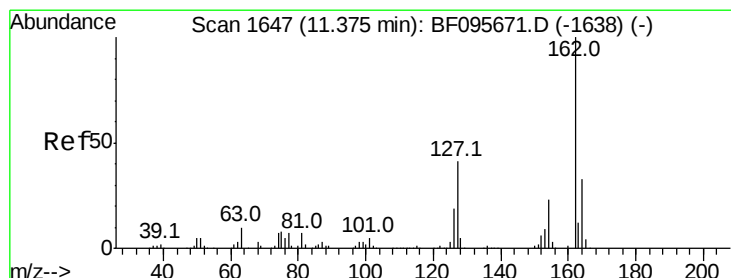
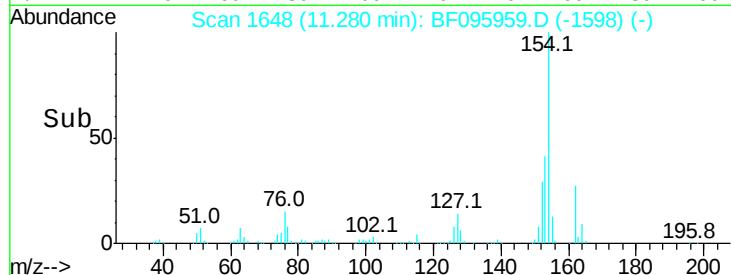
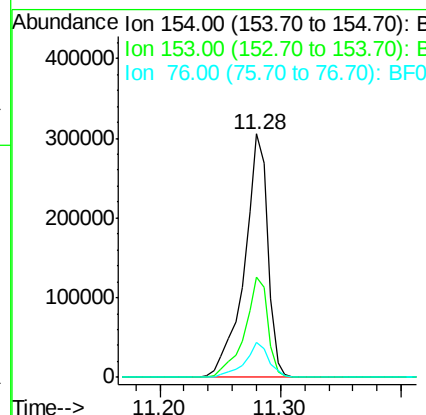
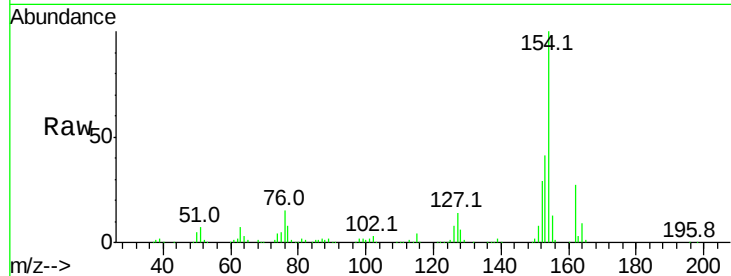
#45
1,1'-Biphenyl
Concen: 46.77 ng
RT: 11.28 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-AMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.2	61.2
76	14.5	0.0	29.9

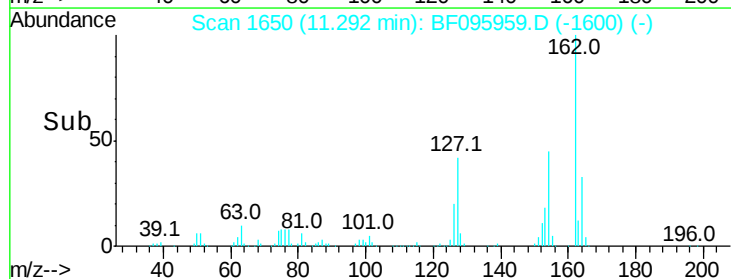
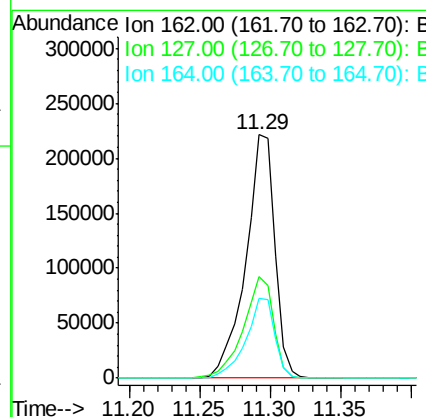
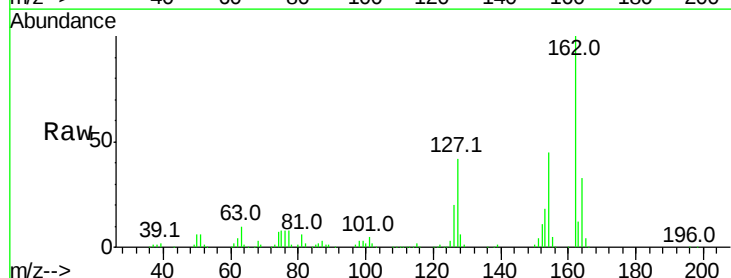
Manual Integrations
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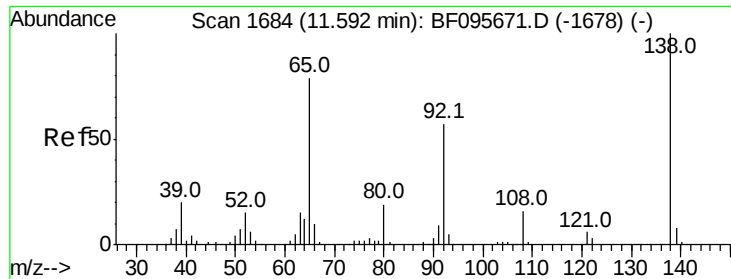
mohammad
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#46
2-Chloronaphthalene
Concen: 46.11 ng
RT: 11.29 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	28.3	42.5
164	32.6	27.0	40.4





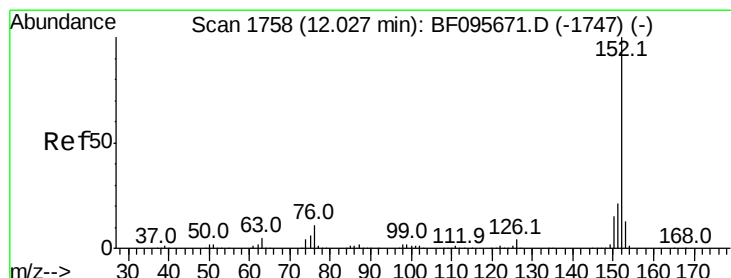
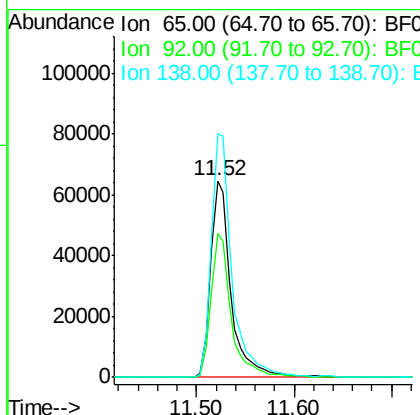
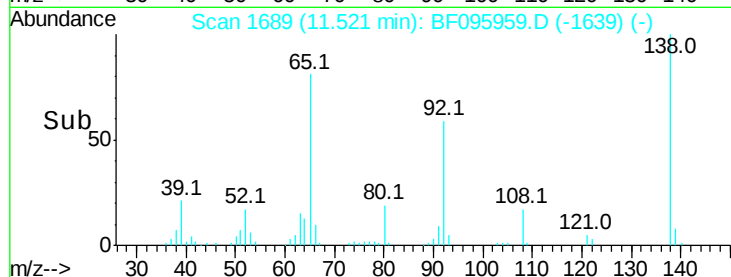
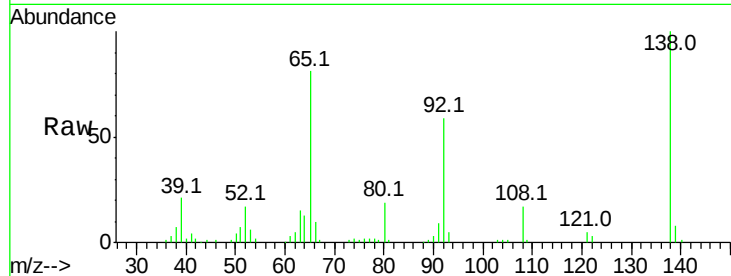
#47
 2-Nitroaniline
 Concen: 46.40 ng
 RT: 11.52 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-AMSD

Tot Ion: 65 Resp: 94120
 Ion Ratio Lower Upper
 65 100
 92 73.3 53.9 80.9
 138 123.8 78.8 118.2#

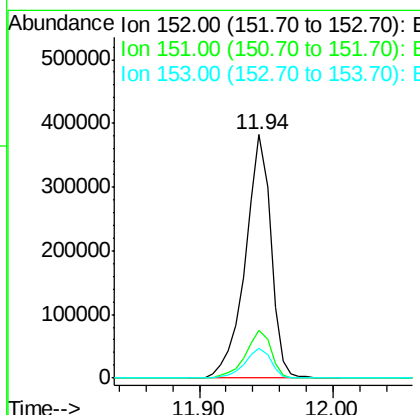
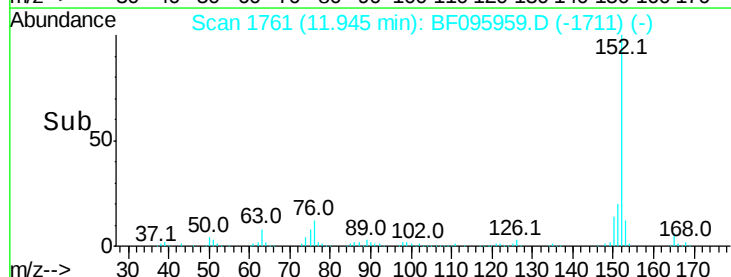
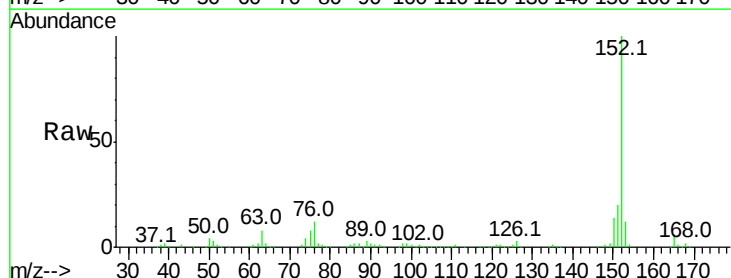
Manual Integrations
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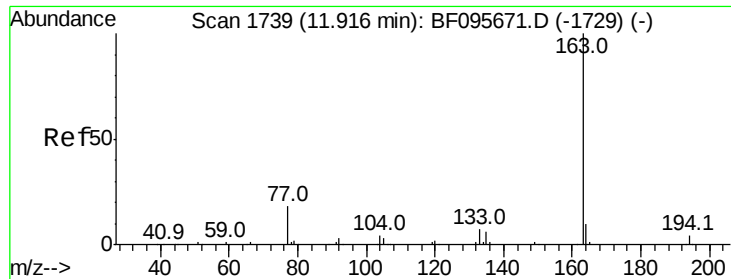
mohammad
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#48
 Acenaphthylene
 Concen: 42.43 ng
 RT: 11.94 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion:152 Resp: 502916
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.8 25.2
 153 12.4 10.8 16.2





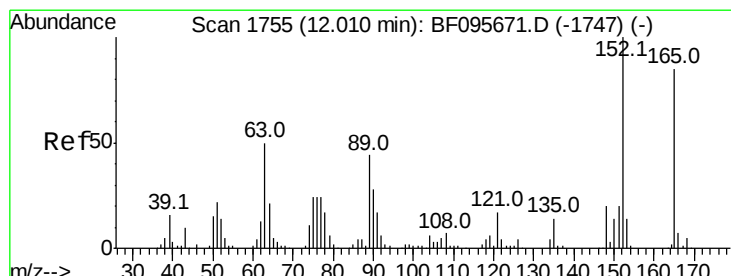
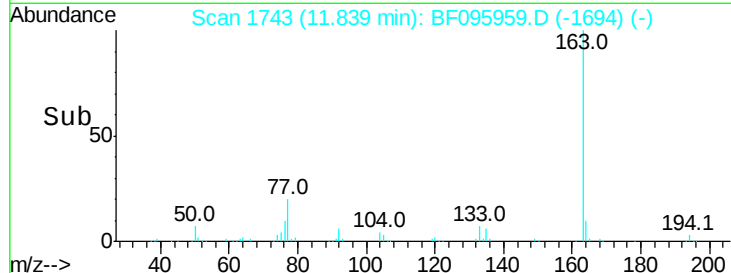
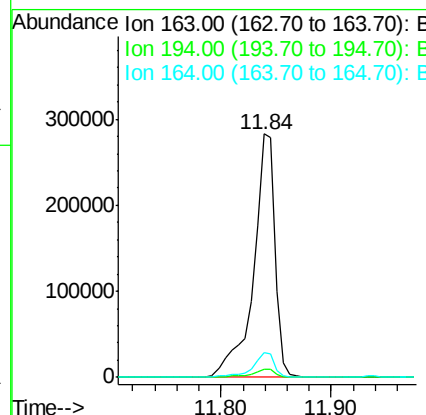
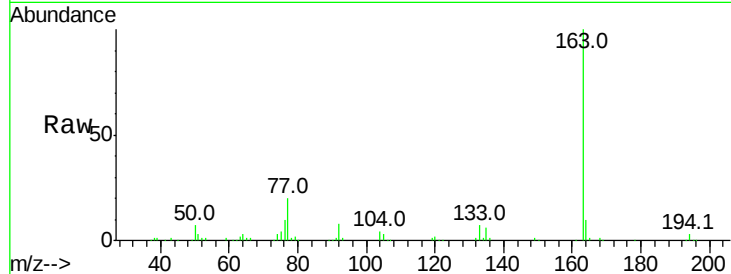
#49
Dimethylphthalate
Concen: 47.56 ng
RT: 11.84 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	10.2	8.4	12.6	

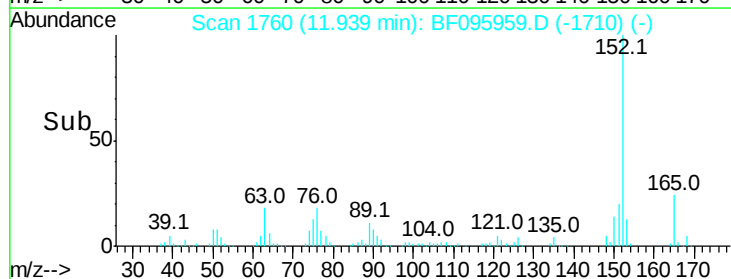
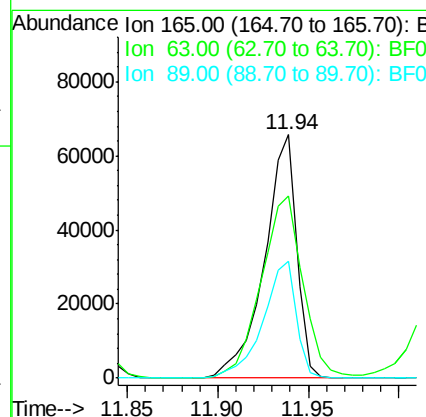
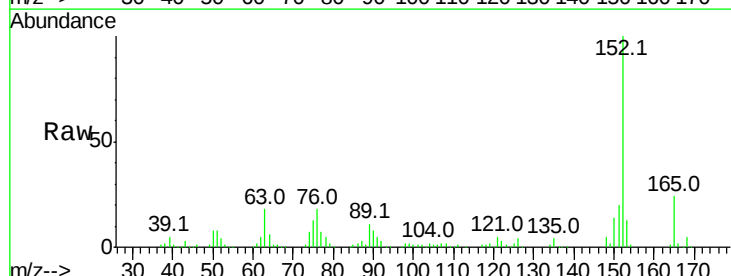
Manual Integrations
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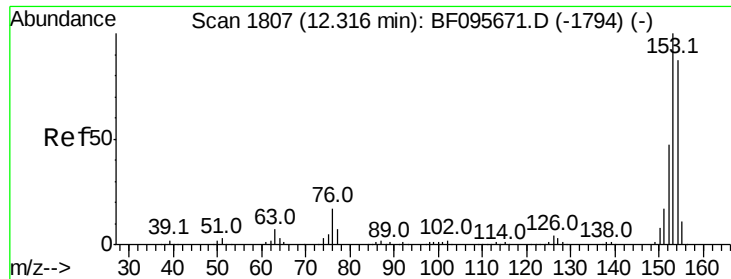
mohammad
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#50
2,6-Dinitrotoluene
Concen: 45.58 ng
RT: 11.94 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	74.9	34.3	51.5#	
89	48.0	37.1	55.7	





#51

Acenaphthene

Concen: 43.92 ng

RT: 12.23 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

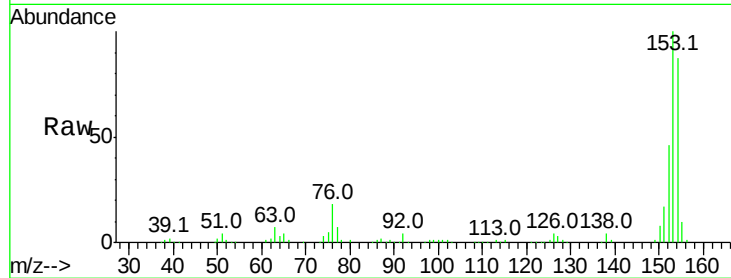
ClientSampleId :

PL-01-061417-AMSD

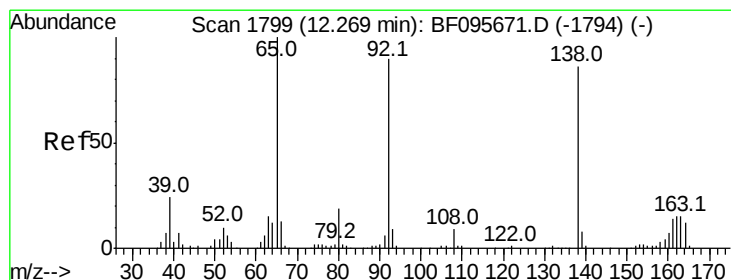
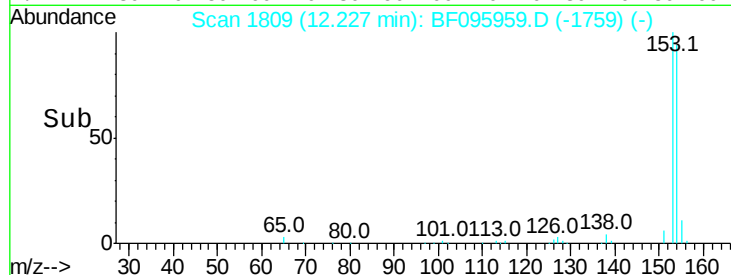
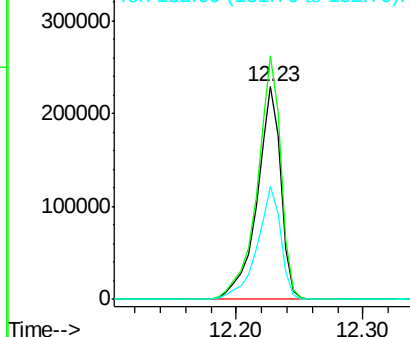
Tot Ion:	154	Resp:	300651
Ion Ratio	Lower	Upper	
154	100		
153	114.4	90.5	135.7
152	53.1	43.6	65.4

Manual Integrations
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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



#52

3-Nitroaniline

Concen: 23.47 ng

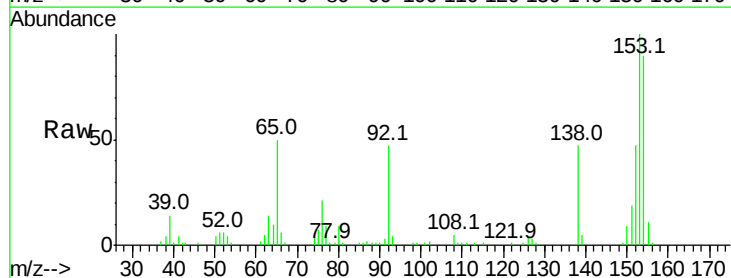
RT: 12.21 min Scan# 1806

Delta R.T. 0.00 min

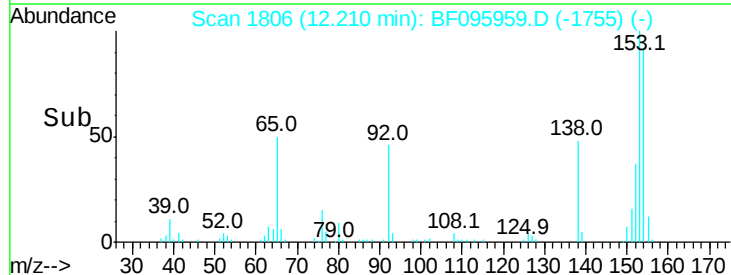
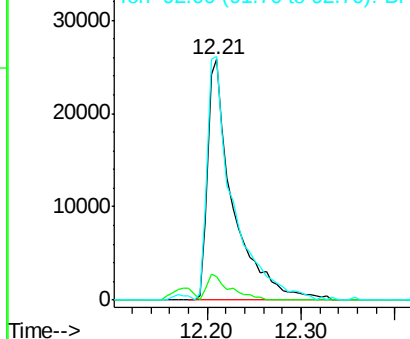
Lab File: BF095959.D

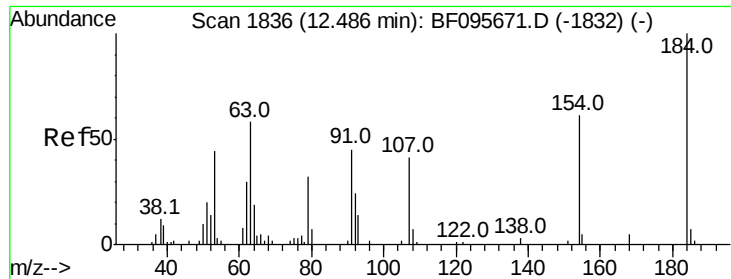
Acq: 16 Jun 2017 17:04

Tgt Ion:	138	Resp:	48745
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.1	13.7
92	101.1	93.8	140.6



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): BF0





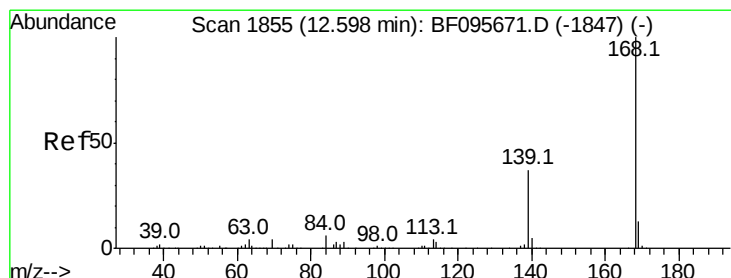
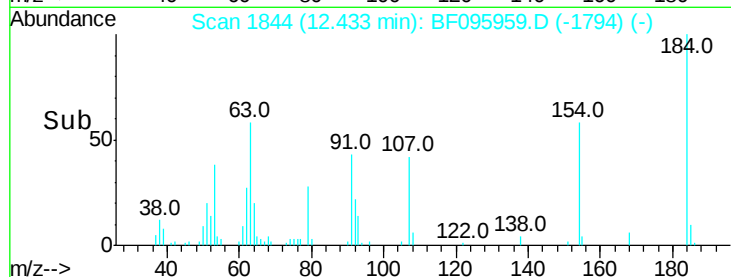
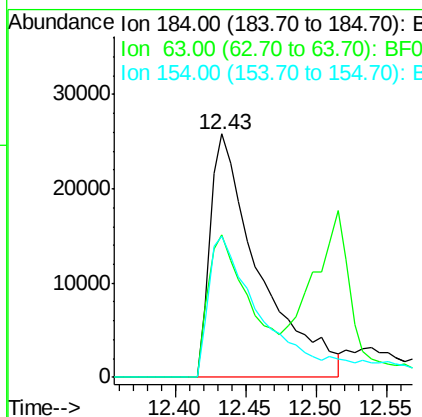
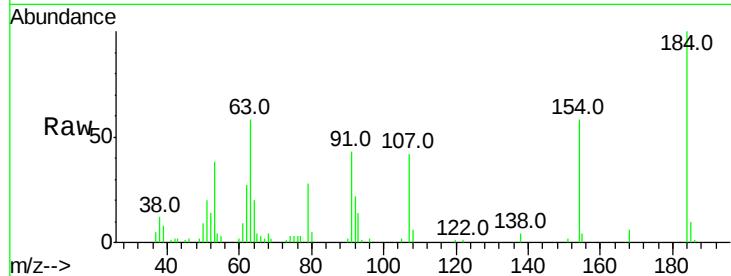
#53
 2,4-Dinitrophenol
 Concen: 63.49 ng
 RT: 12.43 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-AMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	58.3	62.7	94.1#
154	57.9	81.1	121.7#

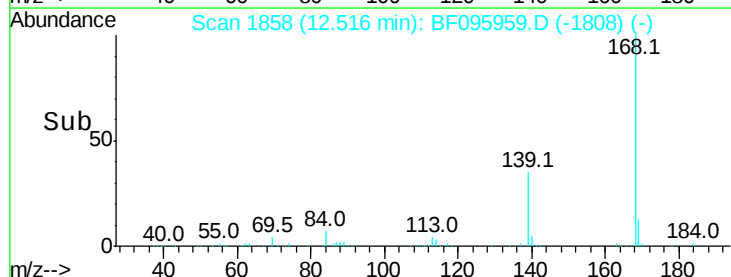
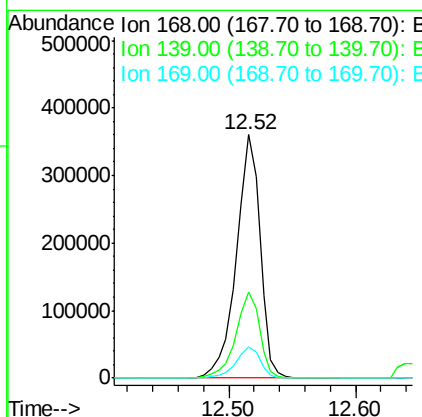
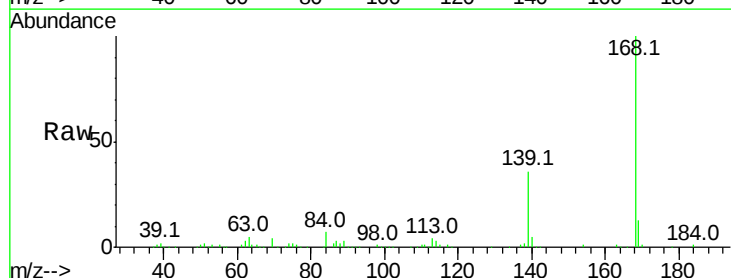
Manual Integrations
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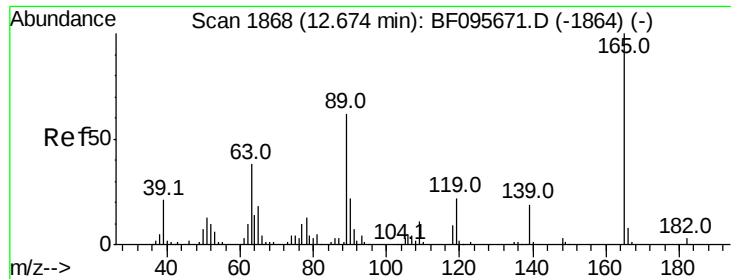
mohammad
 6/19/2017 3:46:57 PM



#54
 Dibenzofuran
 Concen: 48.22 ng
 RT: 12.52 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.7	30.6	45.8
169	13.0	10.8	16.2





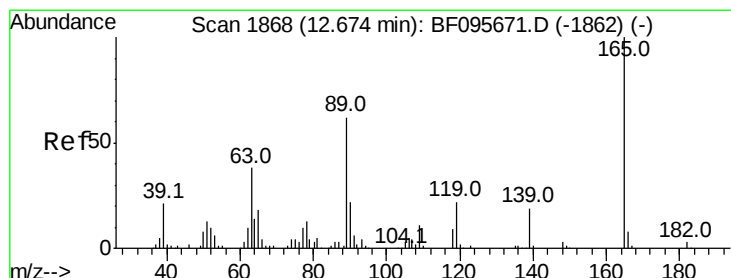
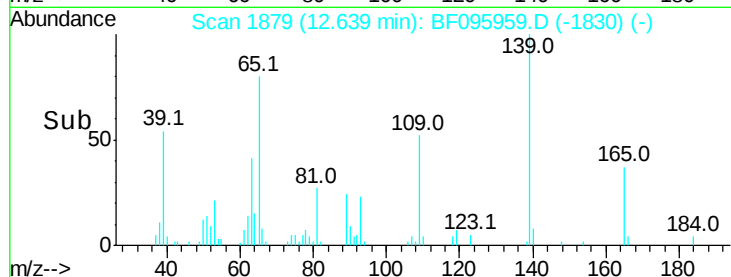
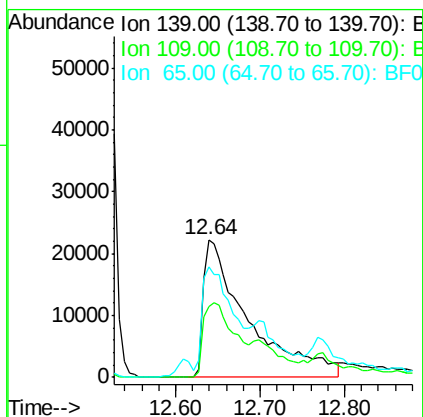
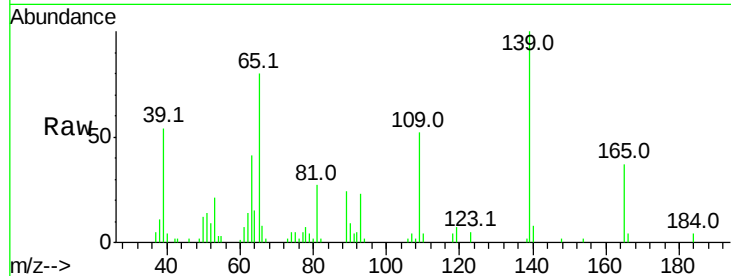
#55
4-Nitrophenol
Concen: 68.22 ng
RT: 12.64 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleID :
PL-01-061417-AMSD

Tot Ion:139 Resp: 81852
Ion Ratio Lower Upper
139 100
109 51.6 34.1 74.1
65 80.4 31.4 71.4#

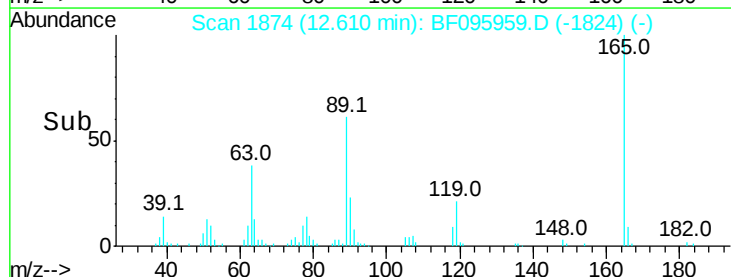
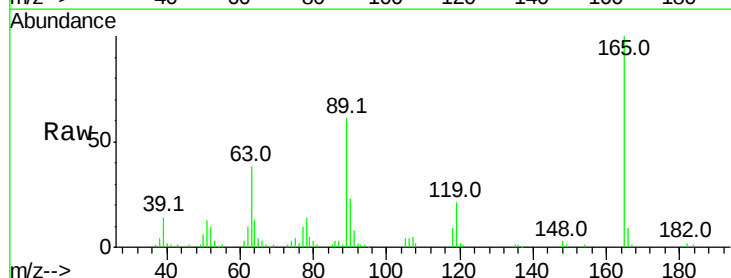
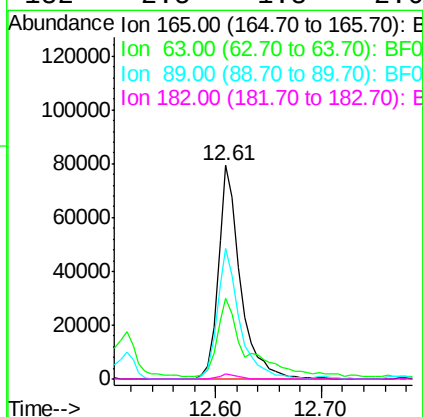
Manual Integrations
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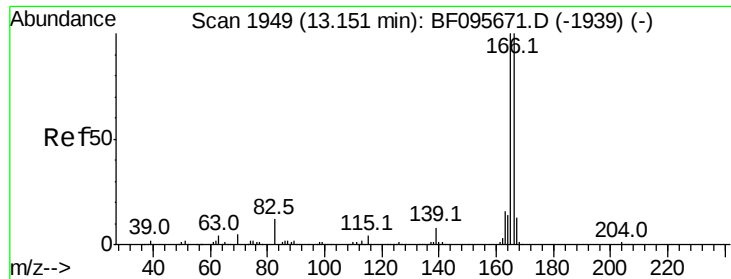
mohammad
6/19/2017 3:46:57 PM



#56
2,4-Dinitrotoluene
Concen: 48.18 ng
RT: 12.61 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion:165 Resp: 116008
Ion Ratio Lower Upper
165 100
63 37.7 25.4 38.0
89 61.2 46.4 69.6
182 2.5 1.8 2.6





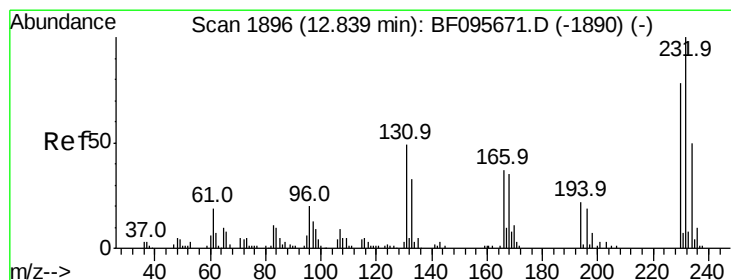
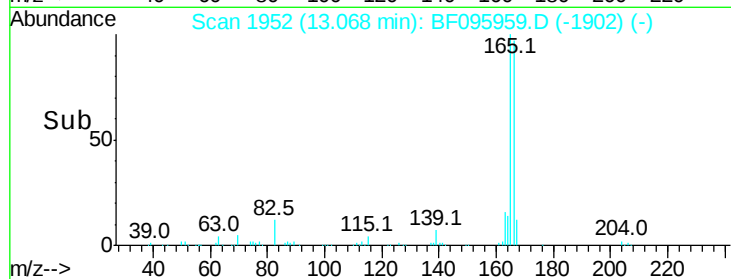
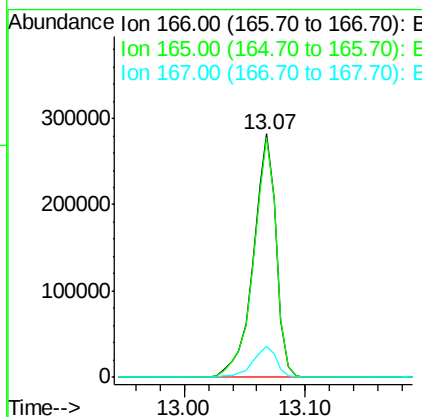
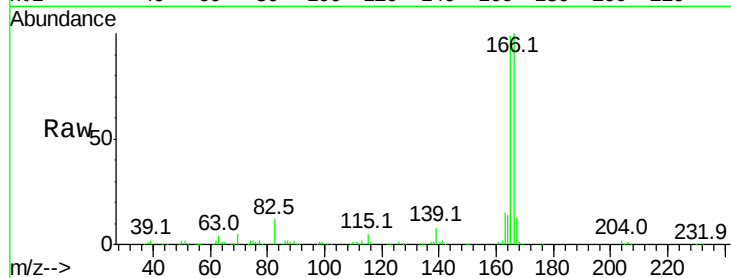
#57
Fluorene
Concen: 44.00 ng
RT: 13.07 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-AMSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.8	118.2
167	13.0	10.6	16.0

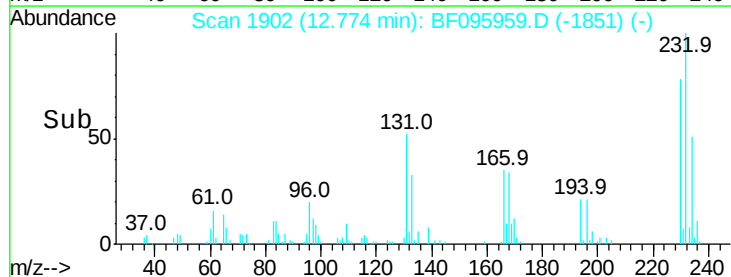
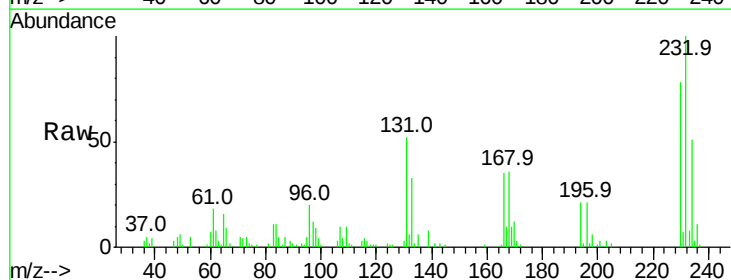
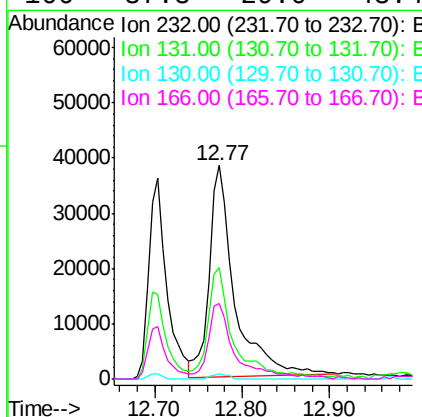
Manual Integrations
APPROVED

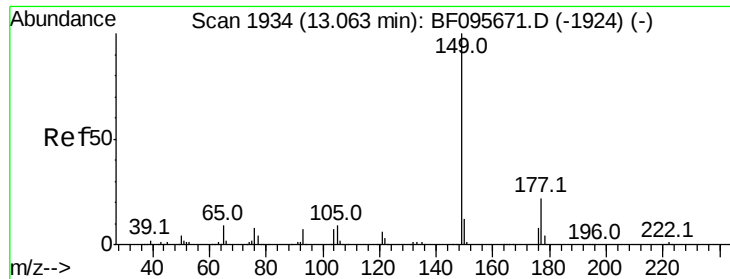
mohammad
6/19/2017 3:46:57 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 51.56 ng
RT: 12.77 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.6	44.8	67.2
130	1.7	2.3	3.5#
166	37.8	29.0	43.4





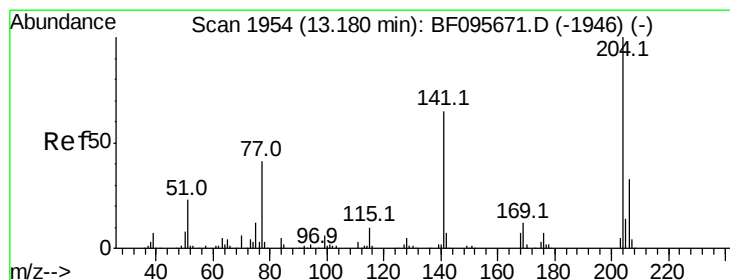
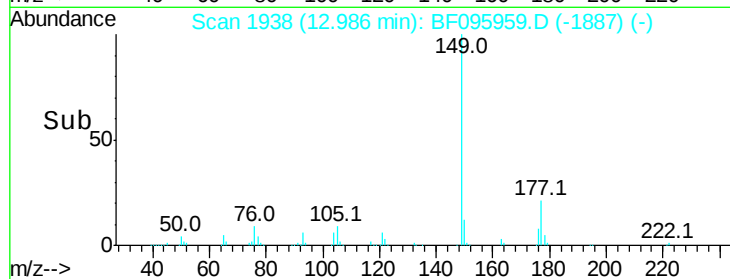
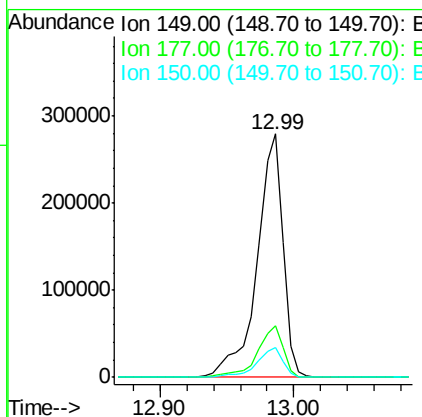
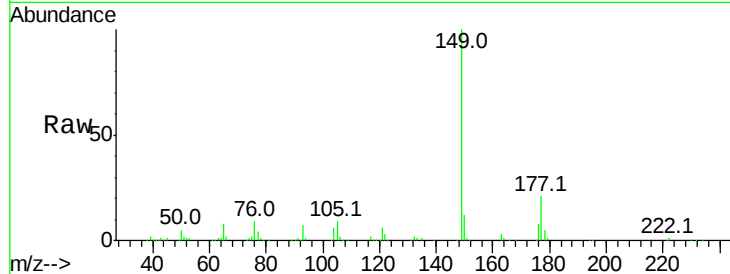
#59
Diethylphthalate
Concen: 47.51 ng
RT: 12.99 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-AMSD

Tot Ion:	149	Resp:	373659
Ion Ratio	Lower	Upper	
149	100		
177	21.4	16.7	25.1
150	12.3	10.2	15.2

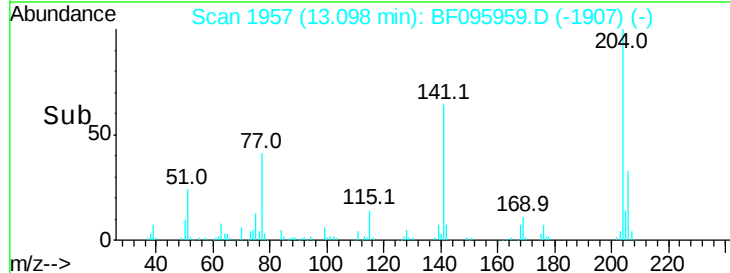
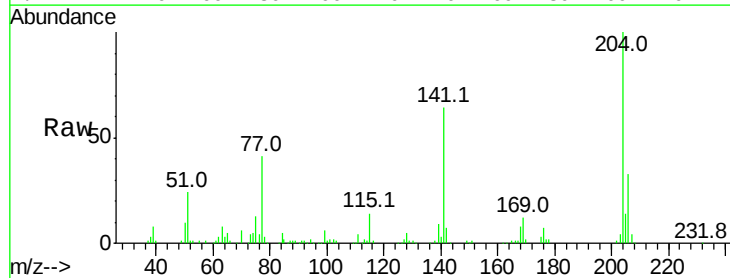
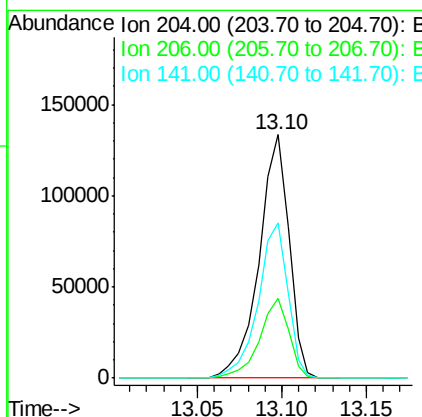
Manual Integrations
APPROVED

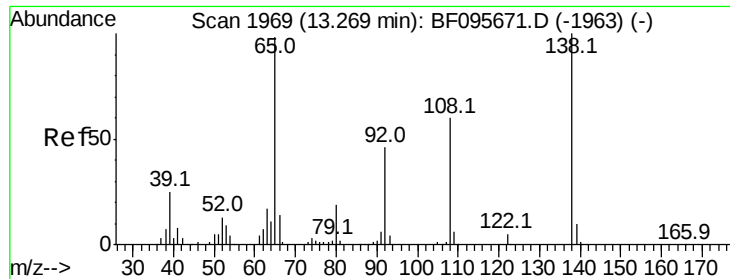
mohammad
6/19/2017 3:46:57 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.03 ng
RT: 13.10 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion:	204	Resp:	164178
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.2	39.2
141	63.9	60.8	91.2





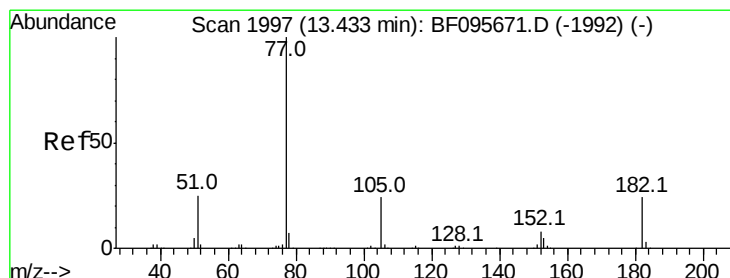
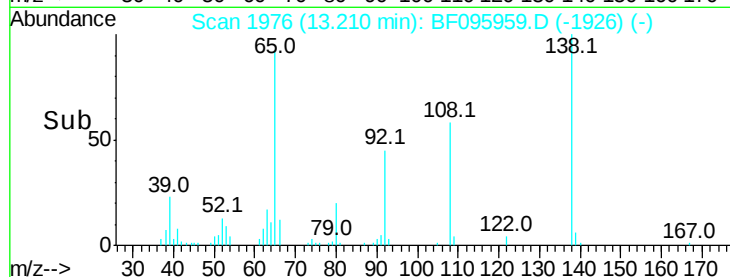
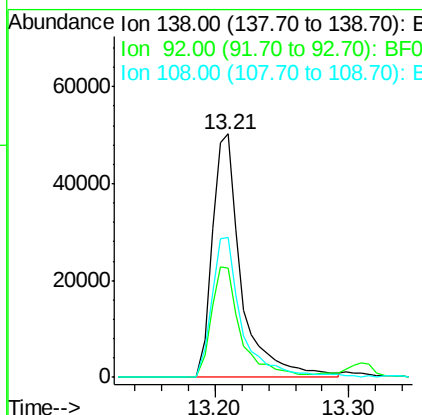
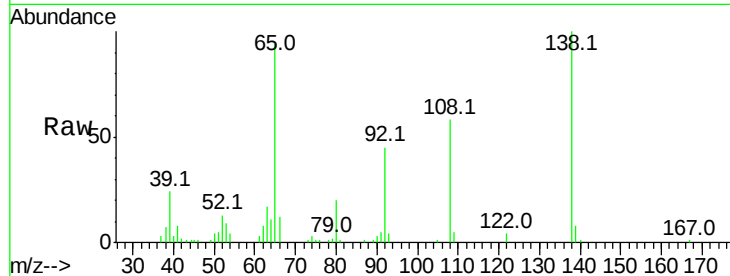
#61
4-Nitroaniline
Concen: 39.60 ng
RT: 13.21 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.1	21.8	61.8
108	57.7	42.3	82.3

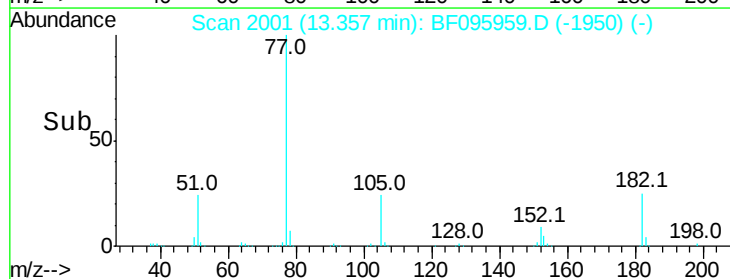
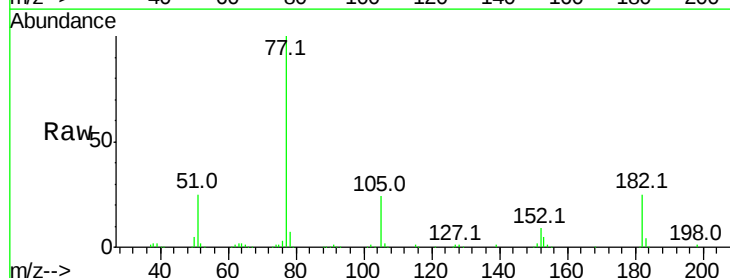
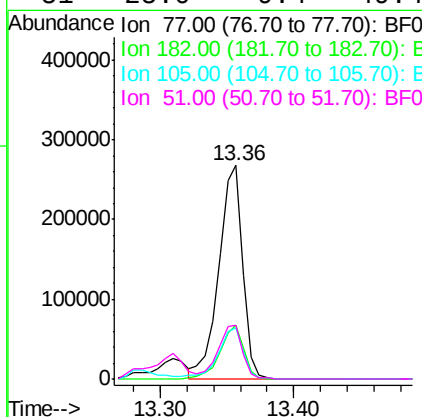
Manual Integrations
APPROVED

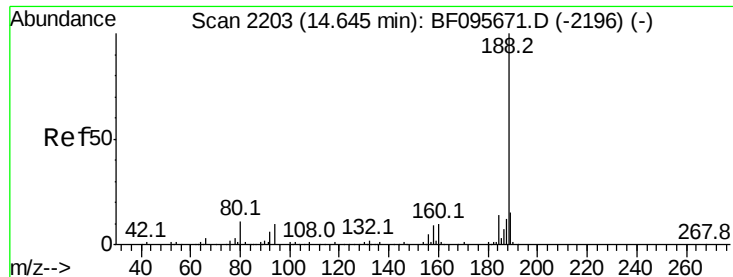
mohammad
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#62
Azobenzene
Concen: 47.43 ng
RT: 13.36 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.3	0.1	40.1
105	24.2	3.6	43.6
51	25.0	9.4	49.4





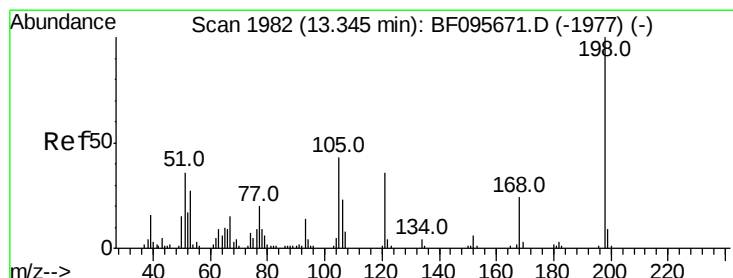
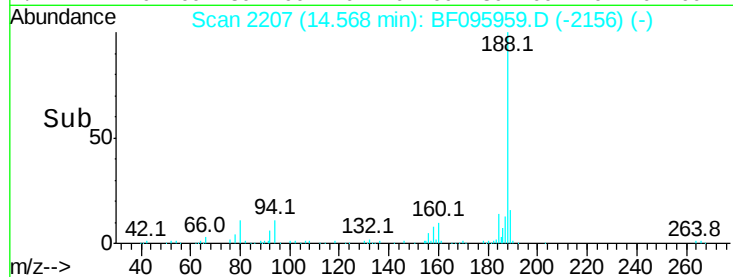
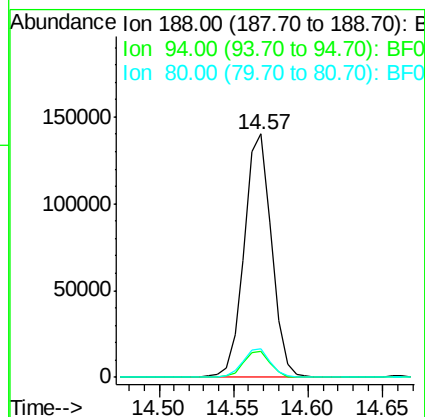
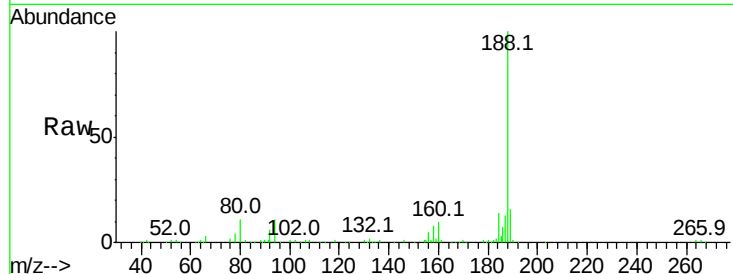
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	177398		
94	10.5		9.4	14.2
80	11.5		10.2	15.2

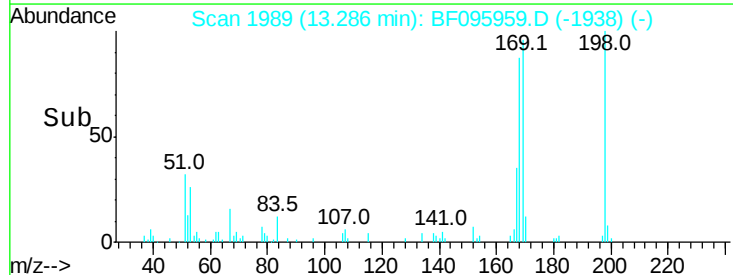
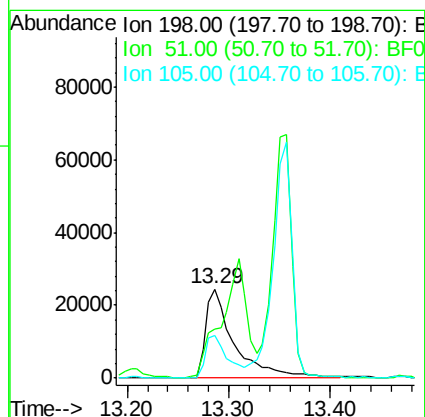
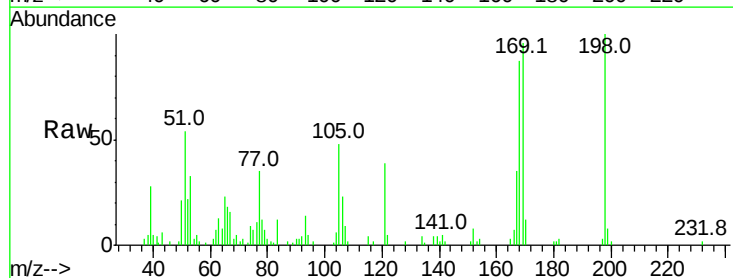
Manual Integrations
APPROVED

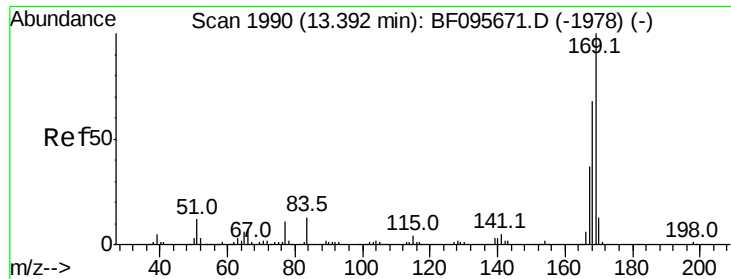
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.37 ng
RT: 13.29 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	48242		
51	54.2		53.2	93.2
105	47.8		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 49.63 ng

RT: 13.31 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

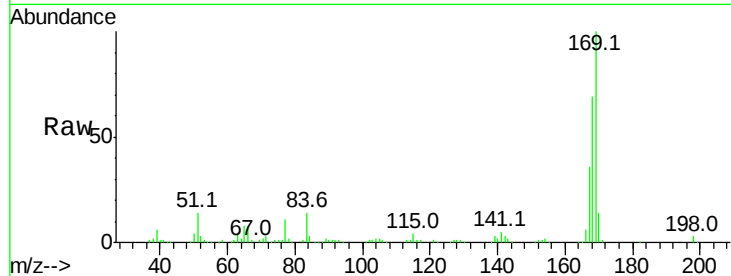
ClientSampleId :

PL-01-061417-AMSD

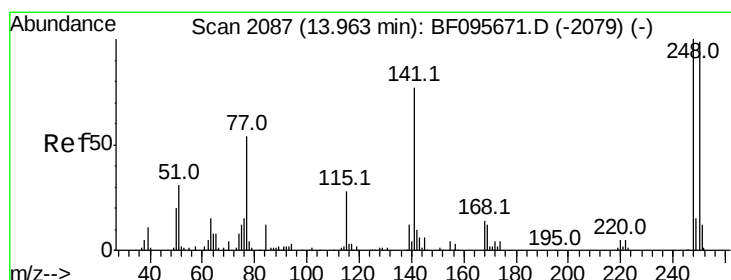
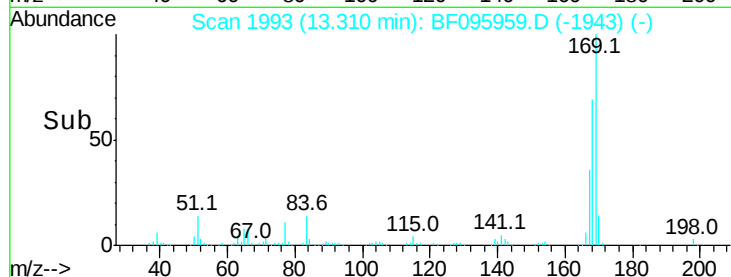
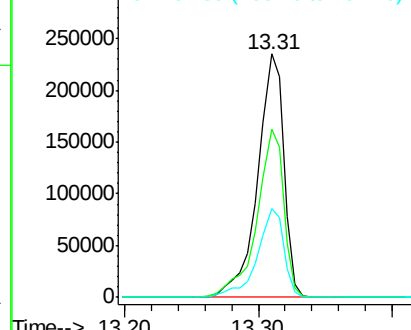
Tot Ion:	169	Resp:	316383
Ion Ratio	Lower	Upper	
169	100		
168	69.0	53.2	79.8
167	36.5	29.5	44.3

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



#66

4-Bromophenyl-phenylether

Concen: 50.12 ng

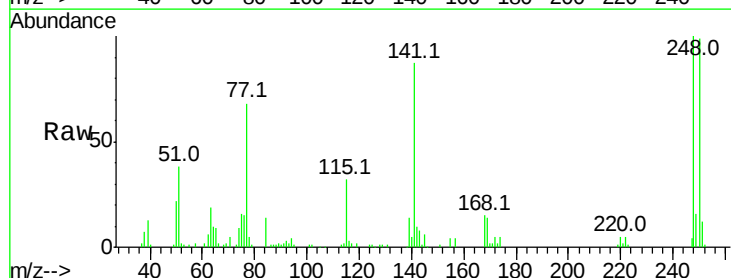
RT: 13.87 min Scan# 2089

Delta R.T. -0.01 min

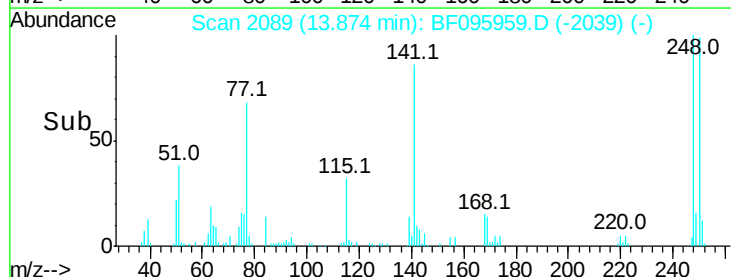
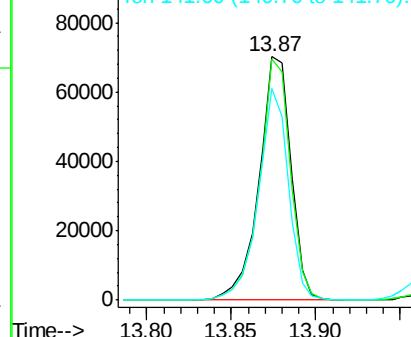
Lab File: BF095959.D

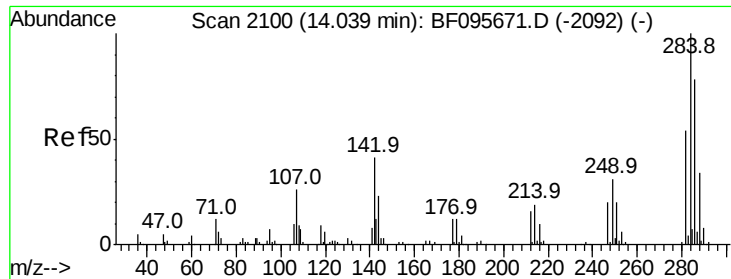
Acq: 16 Jun 2017 17:04

Tgt Ion:	248	Resp:	92409
Ion Ratio	Lower	Upper	
248	100		
250	98.9	76.8	115.2
141	86.9	68.6	103.0



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





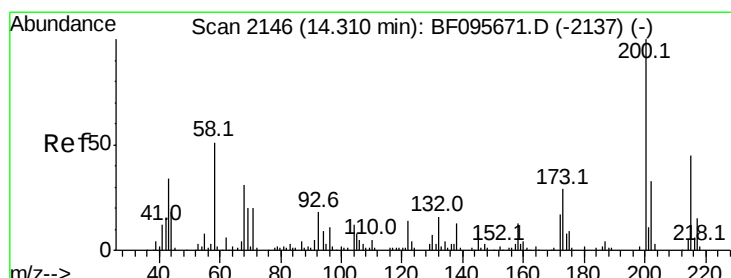
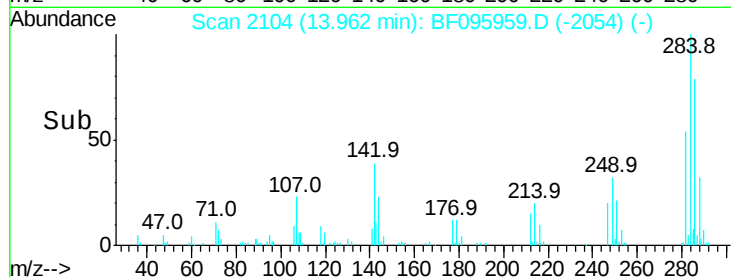
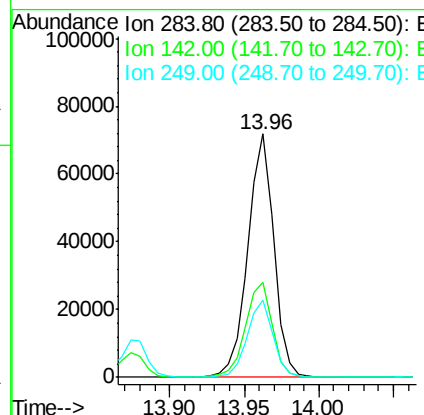
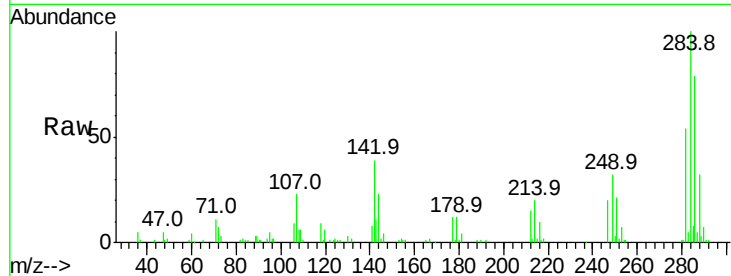
#67
Hexachlorobenzene
Concen: 47.69 ng
RT: 13.96 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	86644		
142	39.1	22.8	34.2	
249	31.7	24.0	36.0	

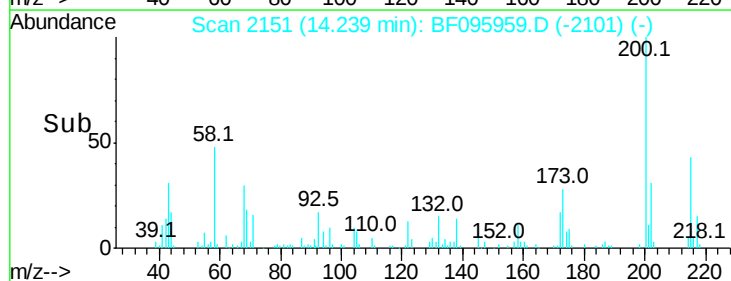
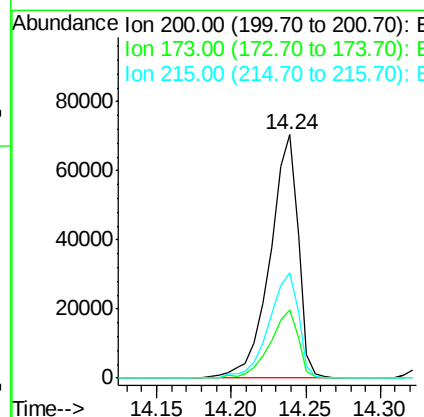
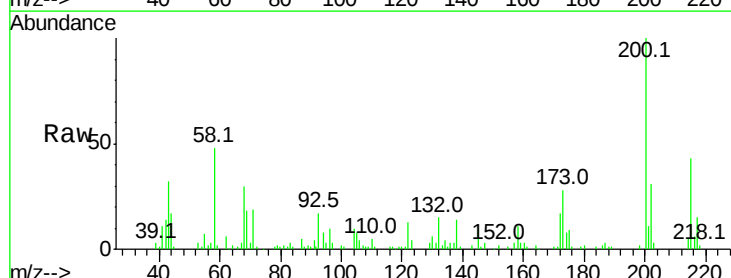
Manual Integrations
APPROVED

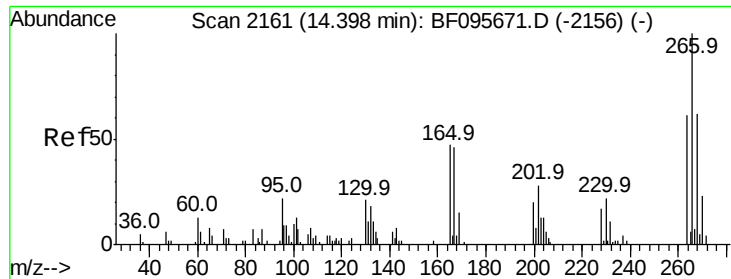
mohammad
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#68
Atrazine
Concen: 51.95 ng
RT: 14.24 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	92167		
173	27.9	6.3	46.3	
215	43.2	27.2	67.2	





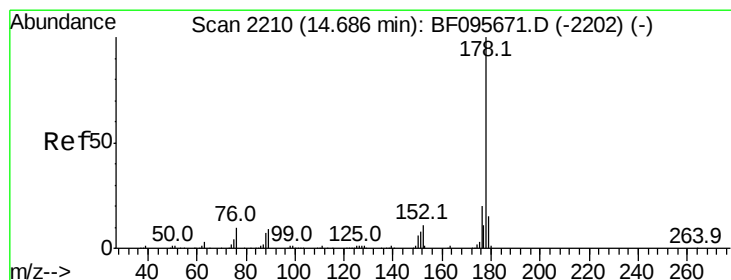
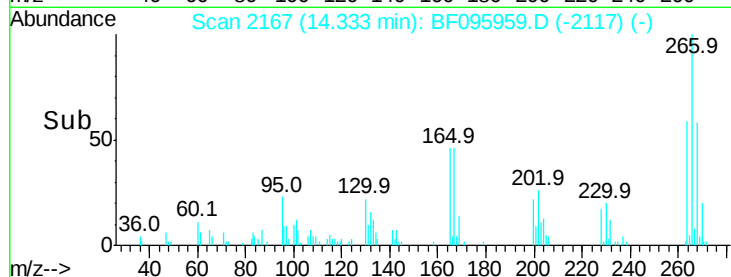
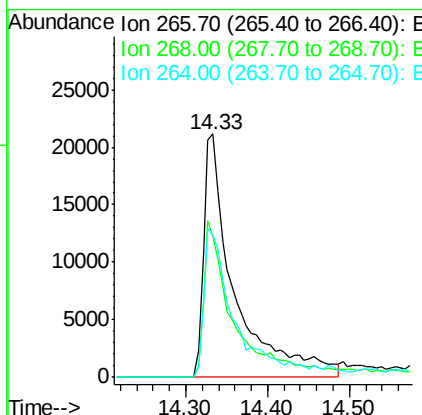
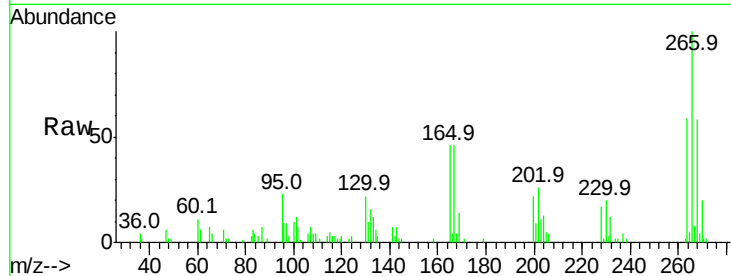
#69
 Pentachlorophenol
 Concen: 80.13 ng
 RT: 14.33 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	55203		
268	58.1		51.1	76.7
264	58.7		51.7	77.5

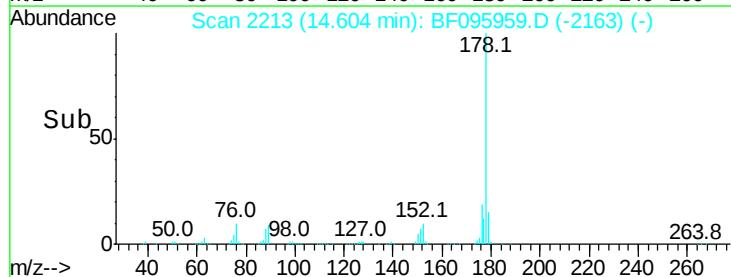
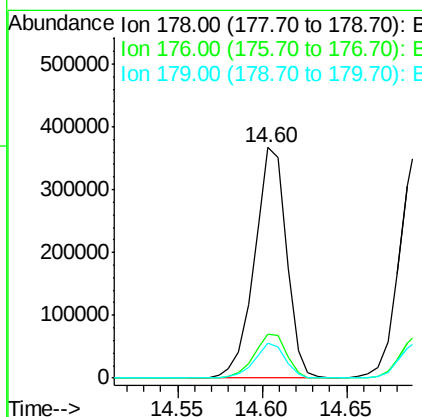
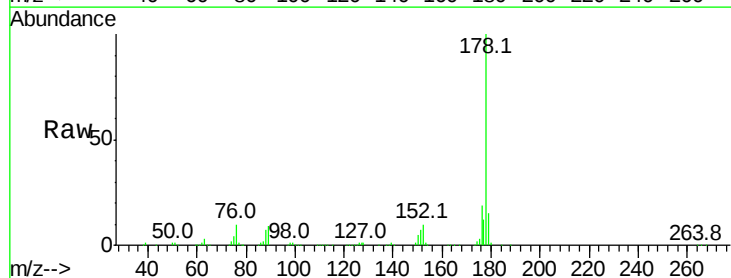
Manual Integrations
 APPROVED

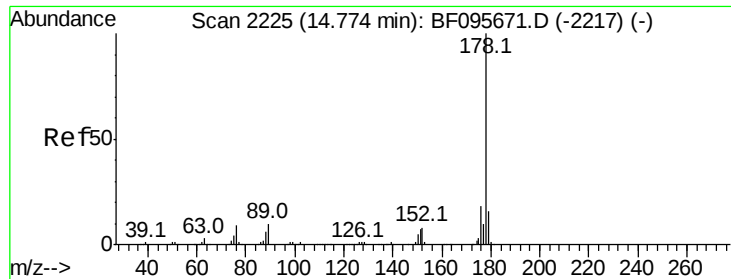
mohammad
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#70
 Phenanthrene
 Concen: 47.51 ng
 RT: 14.60 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	486303		
176	19.3		16.2	24.4
179	15.1		12.6	19.0





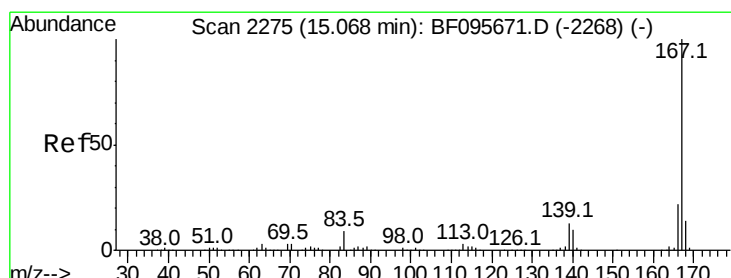
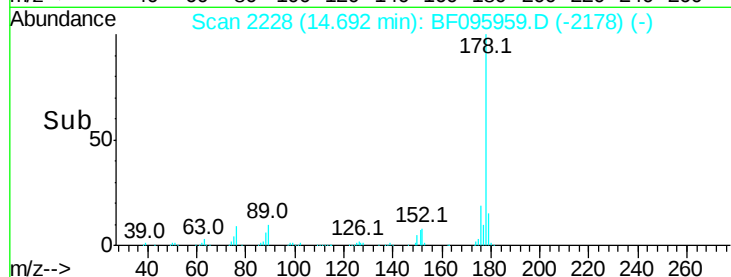
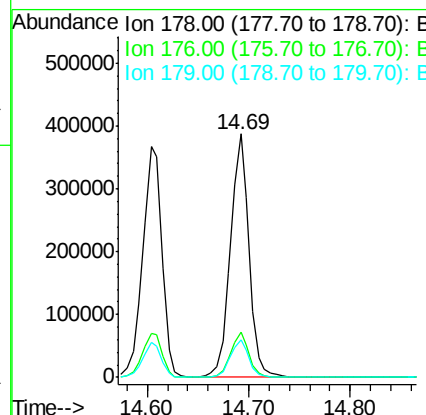
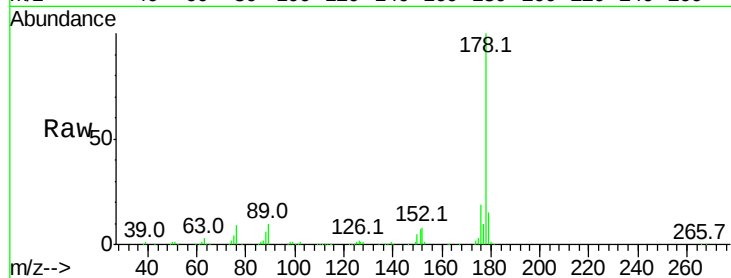
#71
 Anthracene
 Concen: 46.14 ng
 RT: 14.69 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.5	12.7	19.1

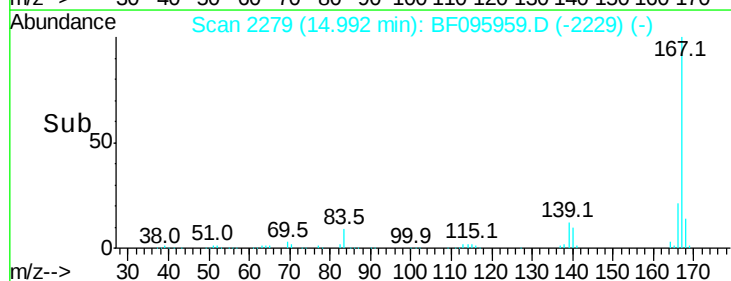
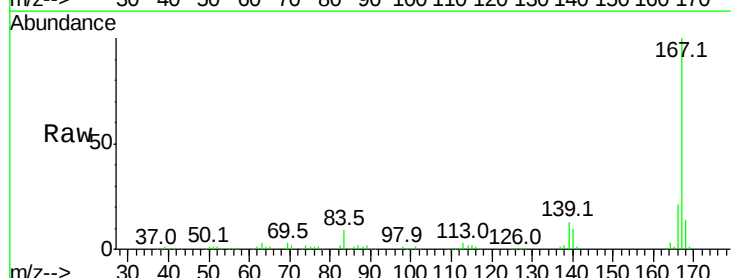
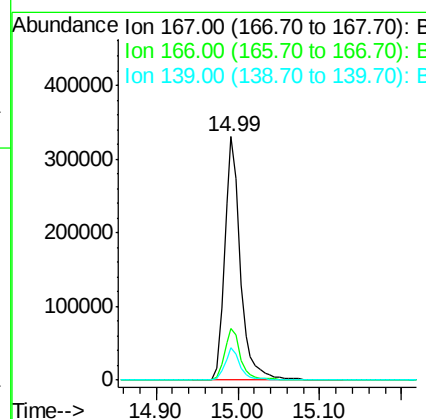
Manual Integrations
 APPROVED

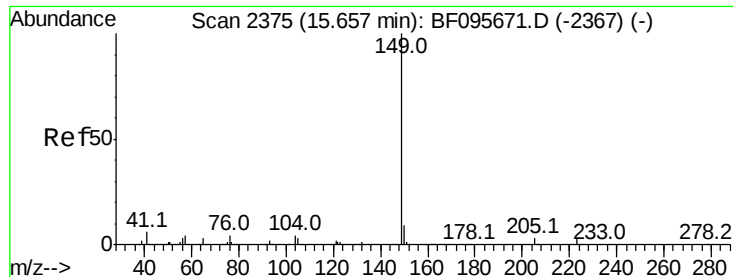
mohammad
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#72
 Carbazole
 Concen: 42.47 ng
 RT: 14.99 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	18.1	27.1
139	13.2	11.7	17.5





#73

Di-n-butylphthalate

Concen: 51.50 ng

RT: 15.59 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

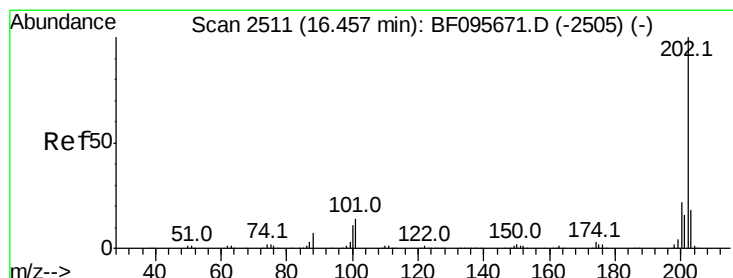
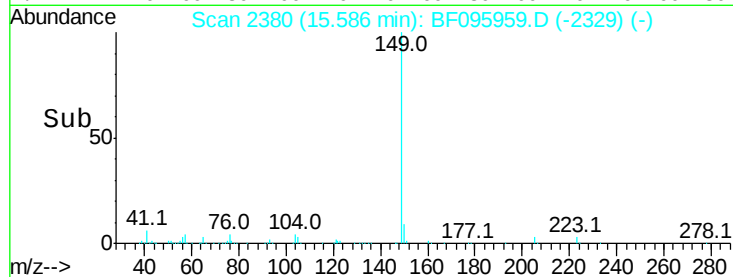
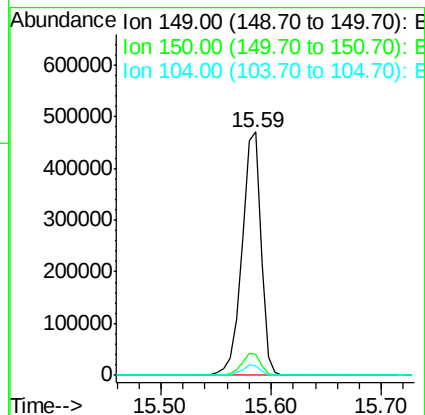
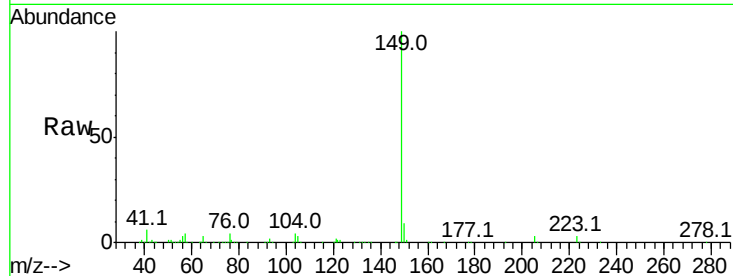
ClientSampleId :

PL-01-061417-AMSD

Tot Ion:	149	Resp:	570622
Ion Ratio	Lower	Upper	
149	100		
150	8.7	7.7	11.5
104	4.1	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 41.91 ng

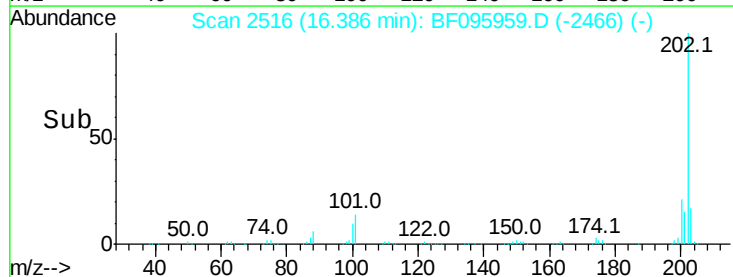
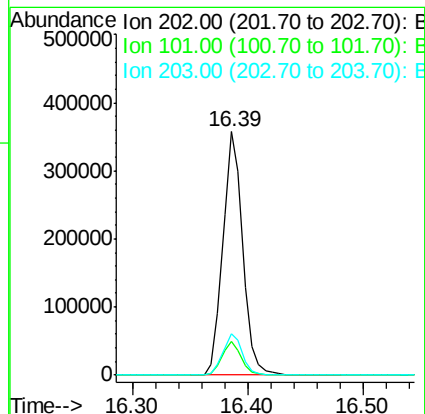
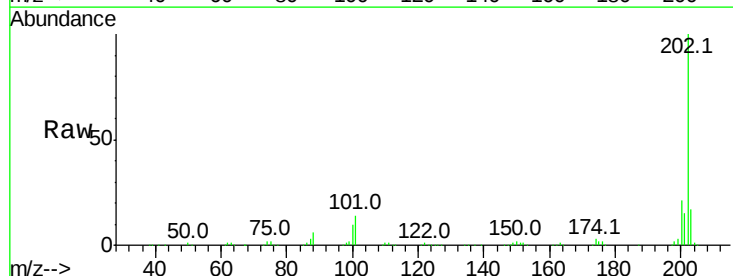
RT: 16.39 min Scan# 2516

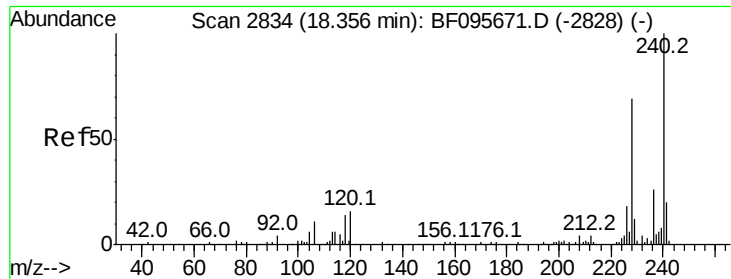
Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Tgt Ion:	202	Resp:	424543
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	33.2
203	17.1	0.0	38.1





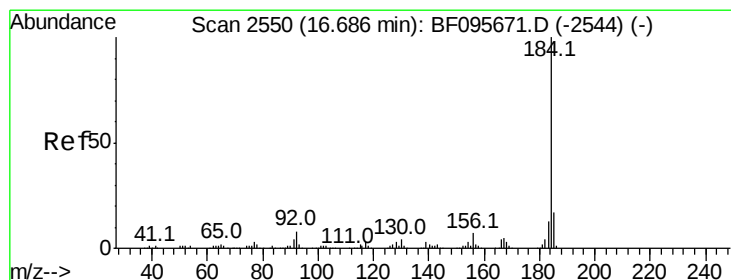
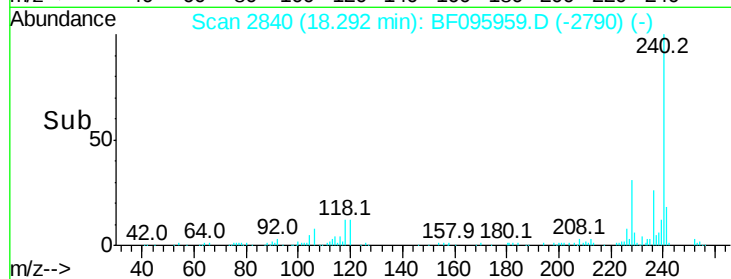
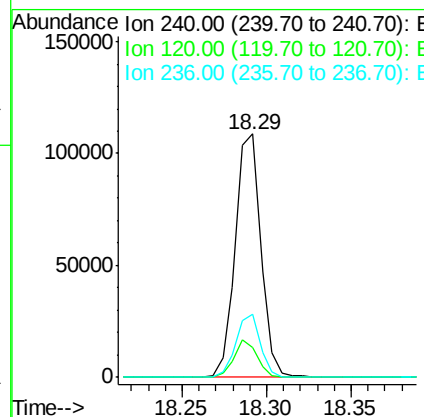
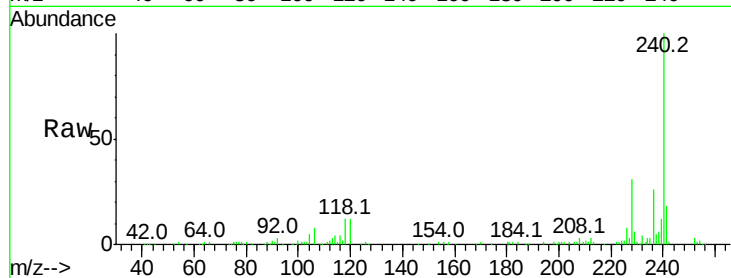
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.29 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-AMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.4	5.8	8.8#
236	25.9	20.5	30.7

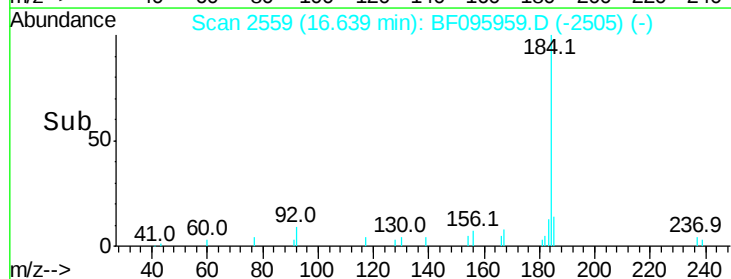
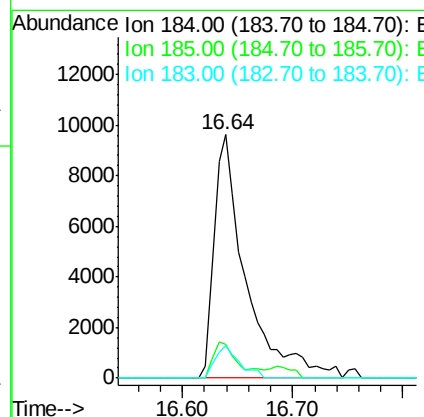
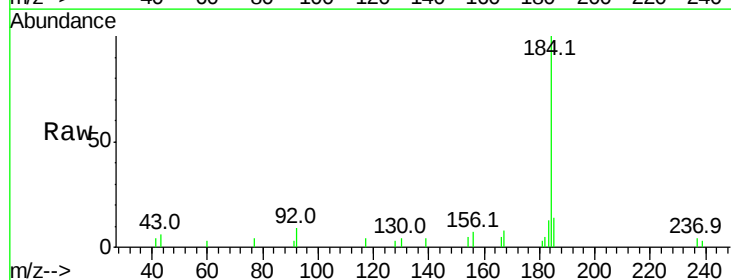
Manual Integrations
APPROVED

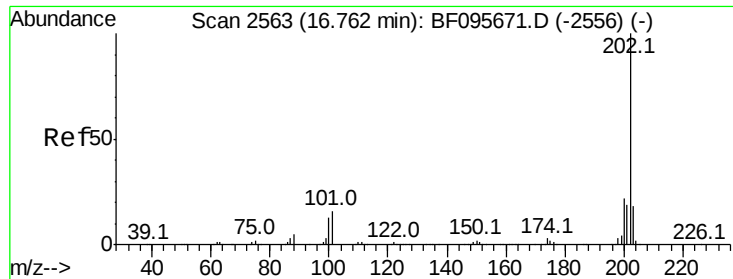
mohammad
6/19/2017 3:46:57 PM



#76
Benzidine
Concen: 4.32 ng
RT: 16.64 min Scan# 2559
Delta R.T. 0.02 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	15.5	23.3#
183	13.4	9.8	14.6





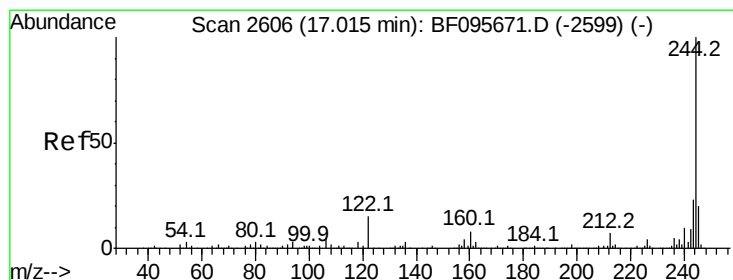
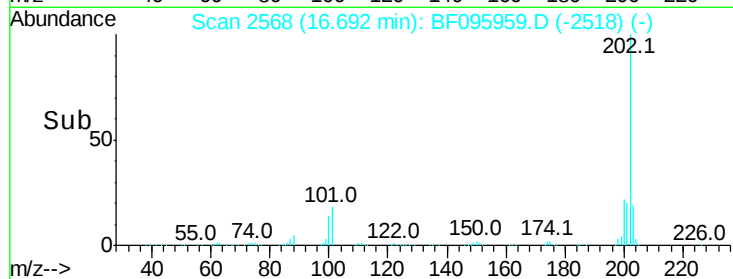
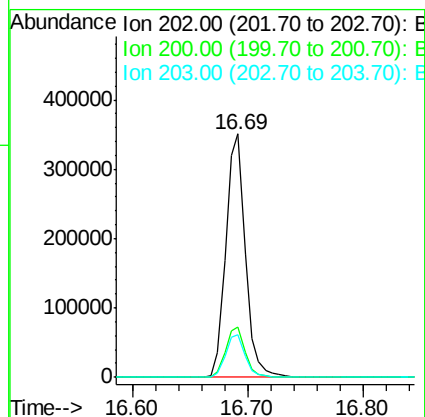
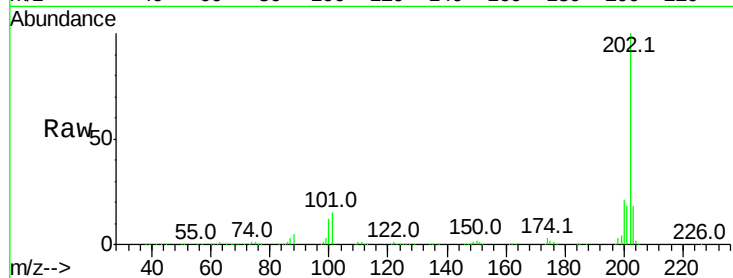
#77
Pvrene
Concen: 48.06 ng
RT: 16.69 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-AMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	17.7	14.4	21.6

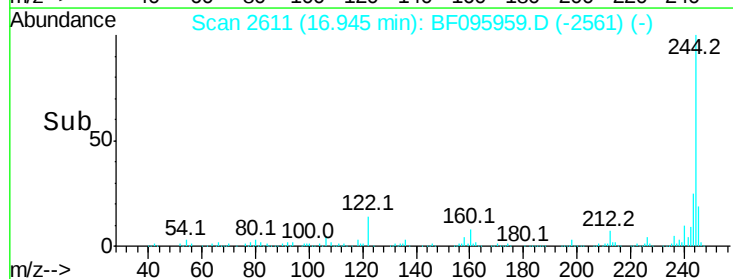
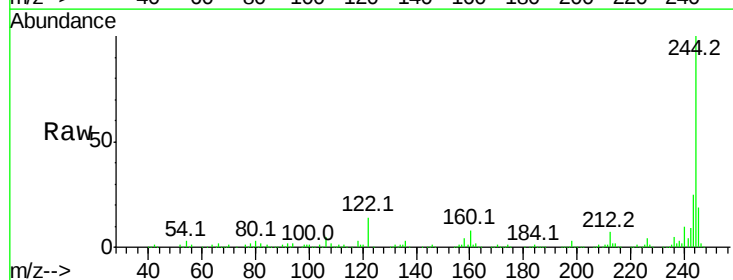
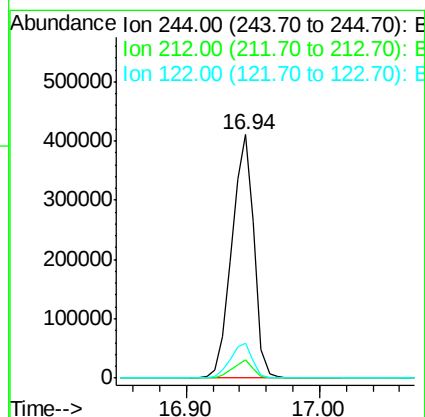
Manual Integrations
APPROVED

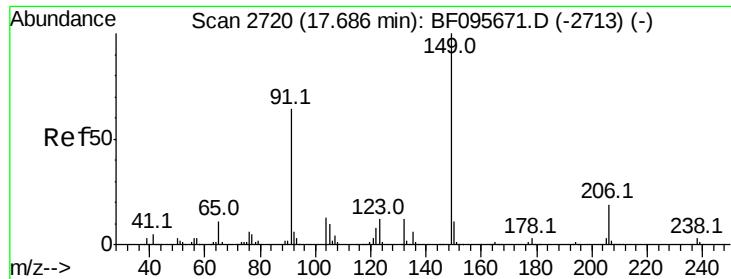
mohammad
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#78
Terphenyl-d14
Concen: 103.95 ng
RT: 16.94 min Scan# 2611
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	14.3	10.3	15.5





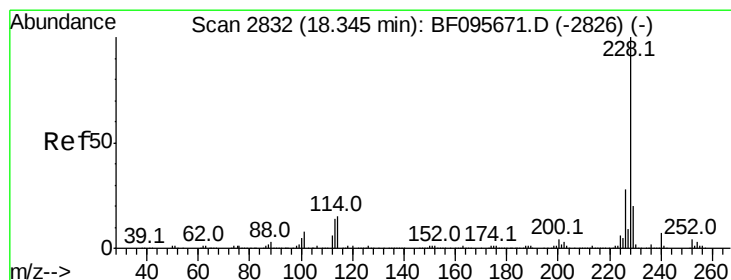
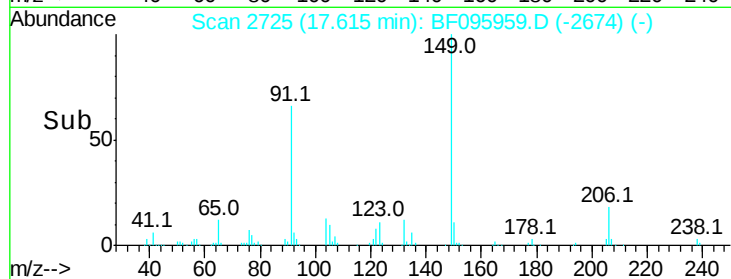
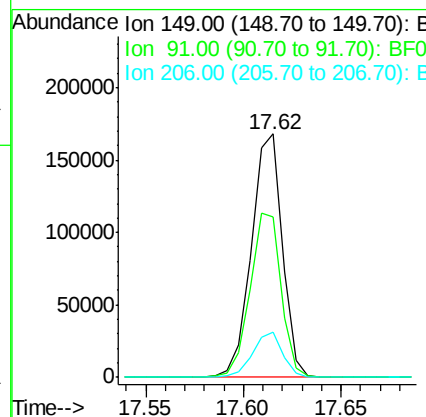
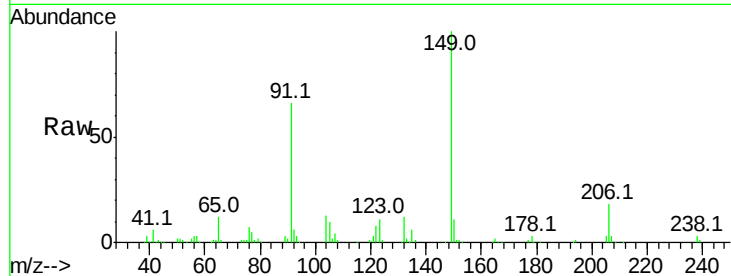
#79
Butylbenzylphthalate
Concen: 49.38 ng
RT: 17.62 min Scan# 2725
Delta R.T. 0.00 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	184125		
91	66.1	45.0	67.4	
206	18.5	17.0	25.6	

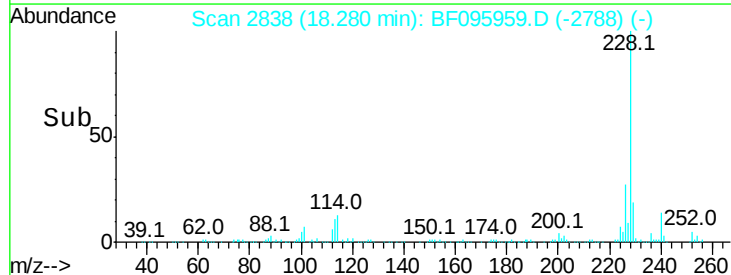
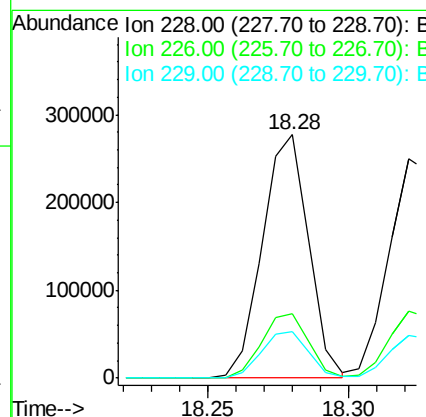
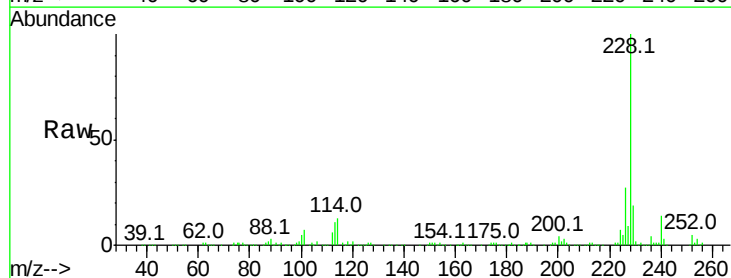
Manual Integrations
APPROVED

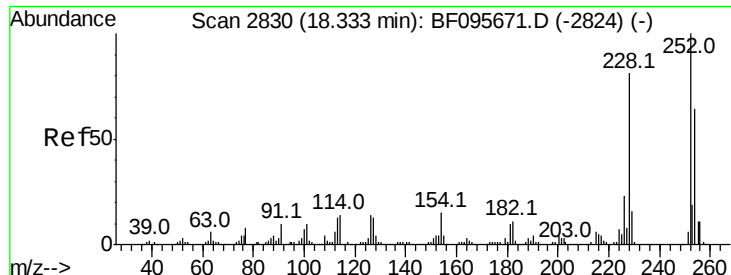
mohammad
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#80
Benzo(a)anthracene
Concen: 47.13 ng
RT: 18.28 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	313567		
226	26.6	22.6	33.8	
229	19.3	16.3	24.5	





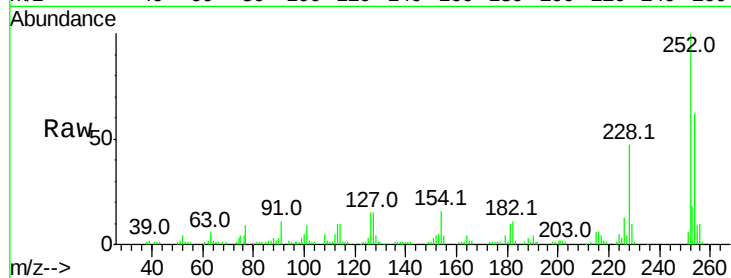
#81
 3,3'-Dichlorobenzidine
 Concen: 35.61 ng
 RT: 18.26 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-AMSD

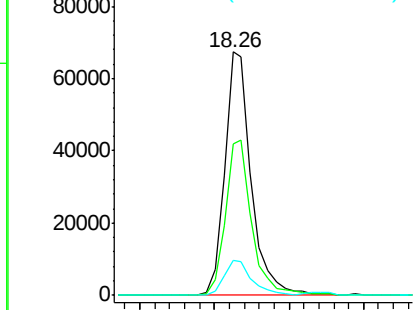
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.3	51.5	77.3
126	14.6	15.8	23.8

Manual Integrations
 APPROVED

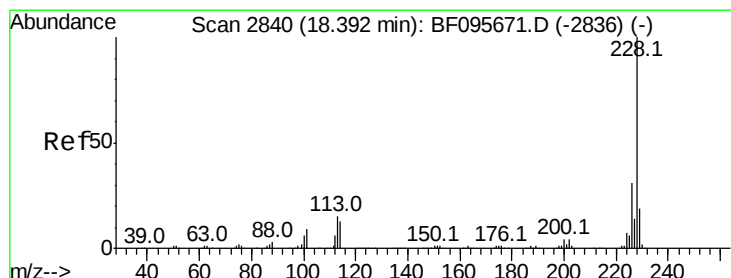
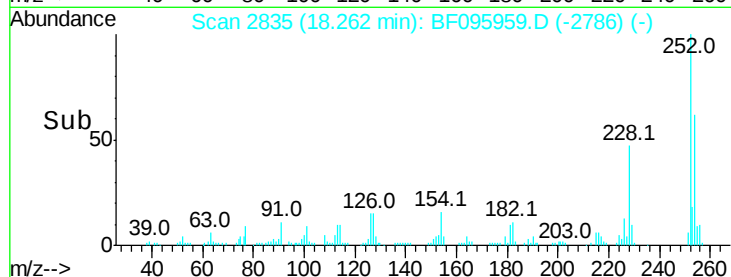
mohammad
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Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E



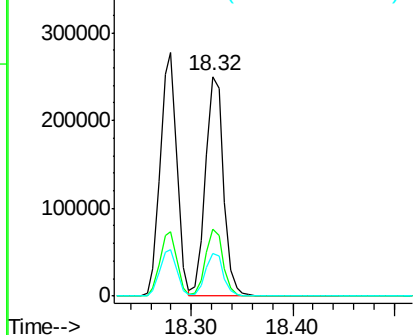
Time-->



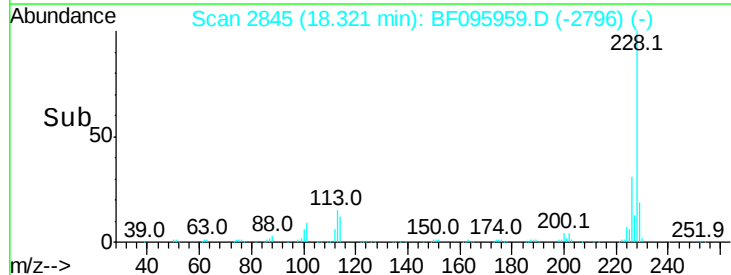
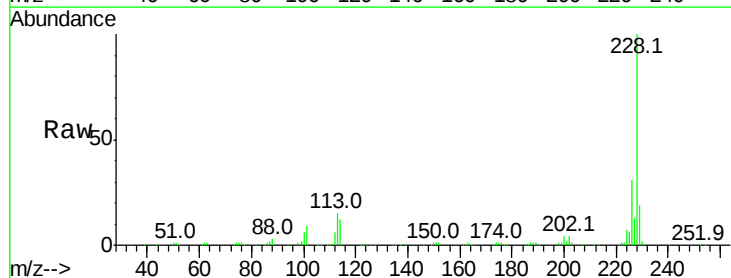
#82
 Chrysene
 Concen: 46.74 ng
 RT: 18.32 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

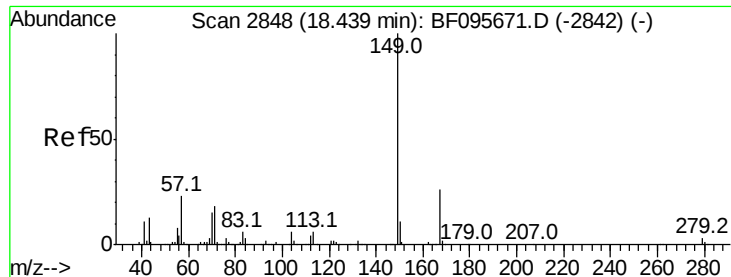
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.2	15.8	23.6

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



Time-->





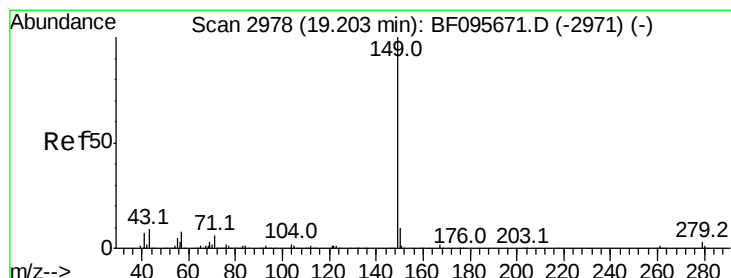
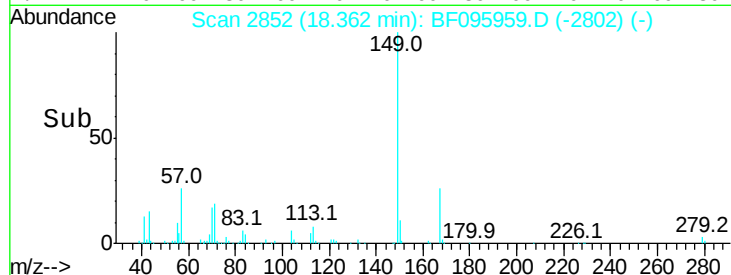
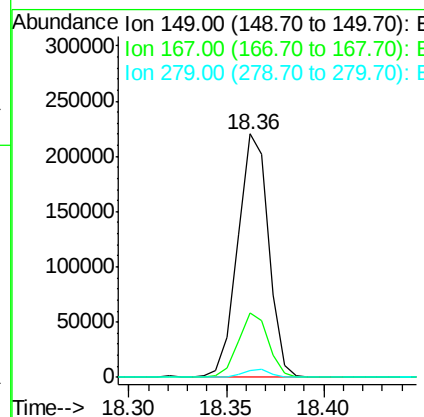
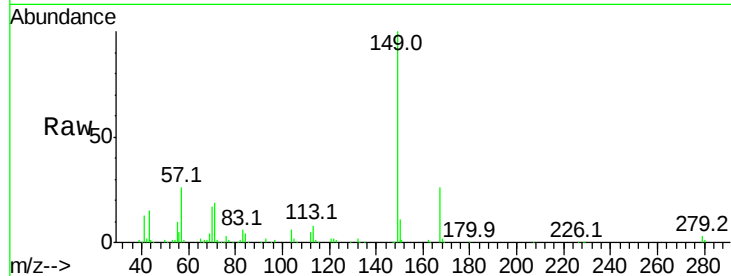
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.91 ng
 RT: 18.36 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	241488		
167	26.3	21.0	31.4	
279	3.0	1.9	2.9#	

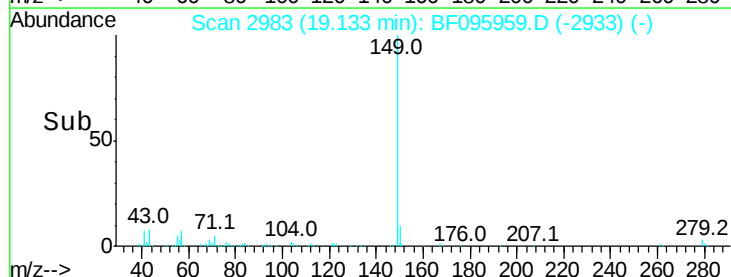
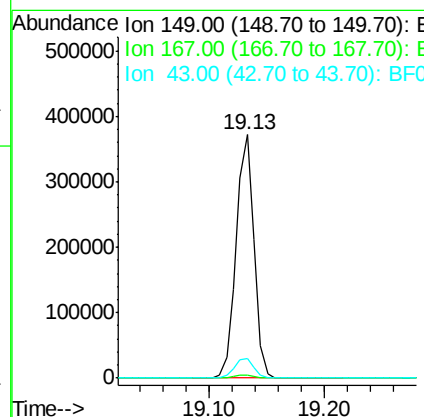
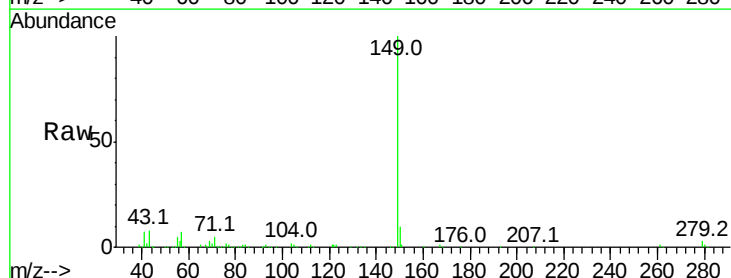
Manual Integrations
 APPROVED

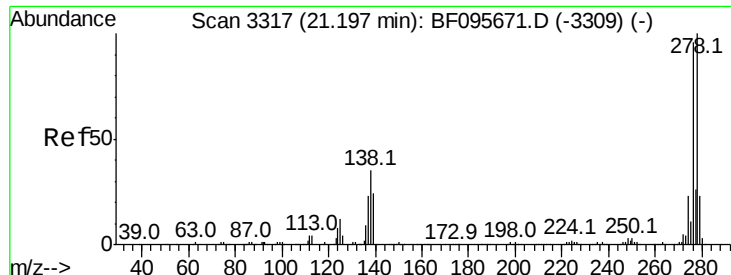
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 45.79 ng
 RT: 19.13 min Scan# 2983
 Delta R.T. -0.01 min
 Lab File: BF095959.D
 Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	396879		
167	1.5	1.2	1.8	
43	8.6	8.5	12.7	





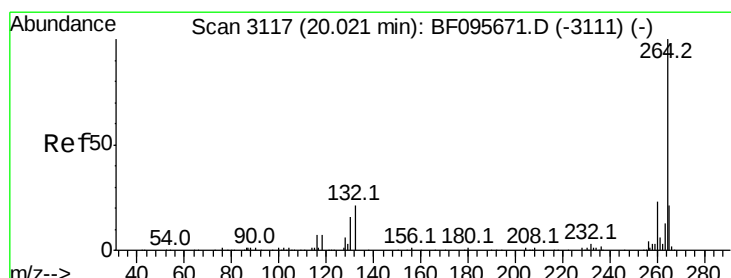
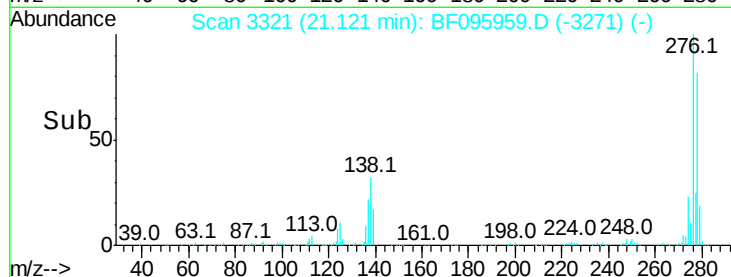
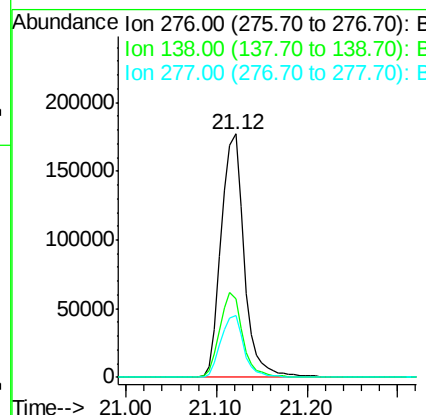
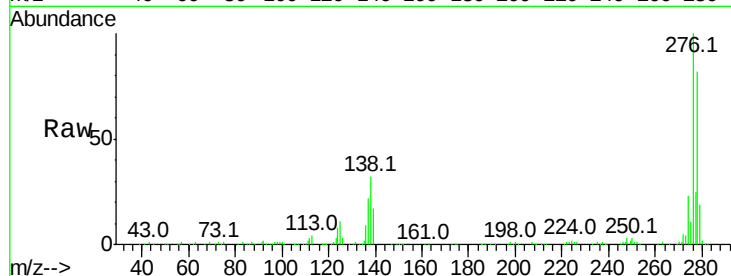
#85
Indeno(1,2,3-cd)pyrene
Concen: 55.01 ng
RT: 21.12 min Scan# 3321
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	27.8	41.6
277	25.6	20.2	30.4

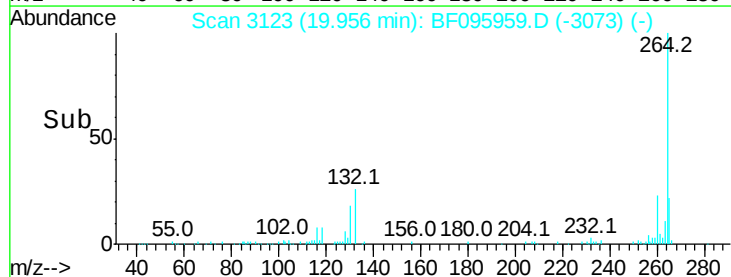
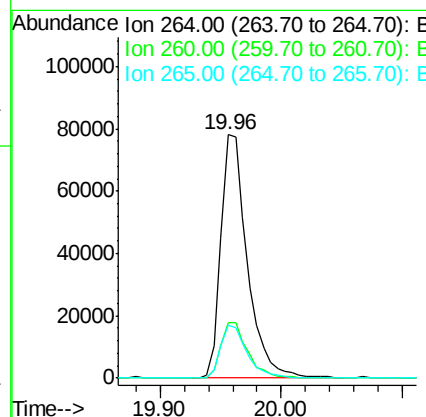
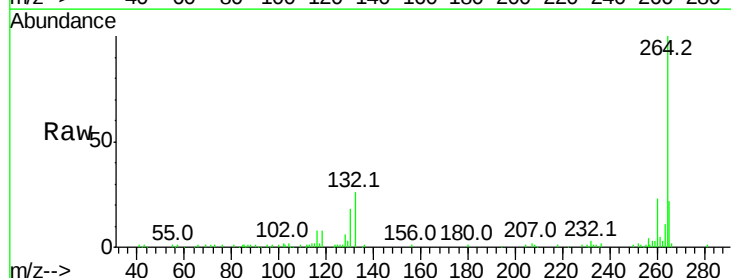
Manual Integrations
APPROVED

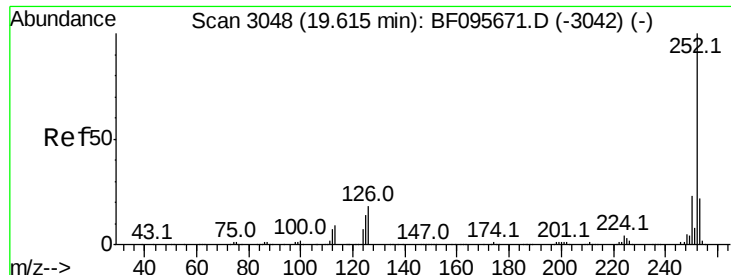
mohammad
6/19/2017 3:46:57 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095959.D
Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 45.67 ng

RT: 19.55 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

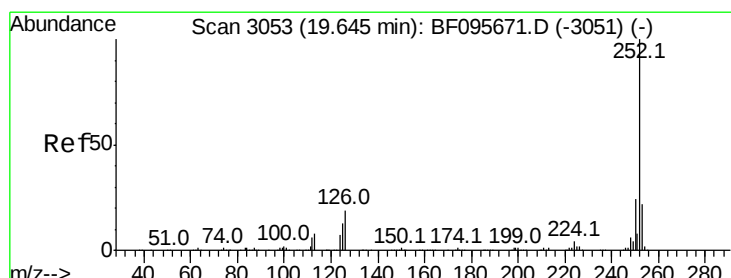
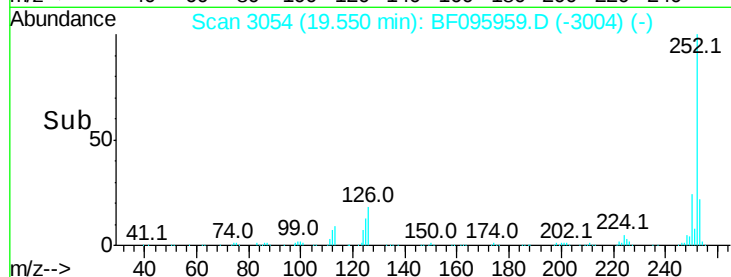
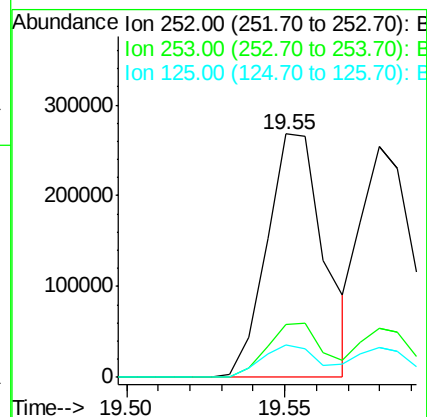
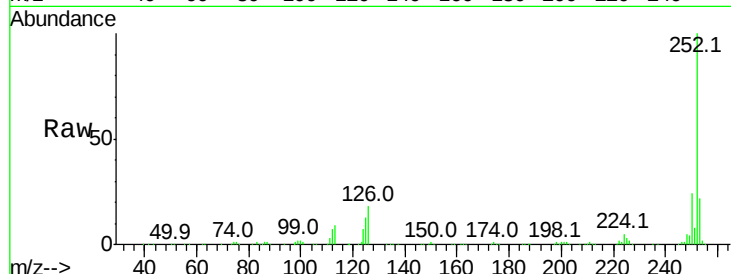
ClientSampleId :

PL-01-061417-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	13.2	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 43.37 ng m

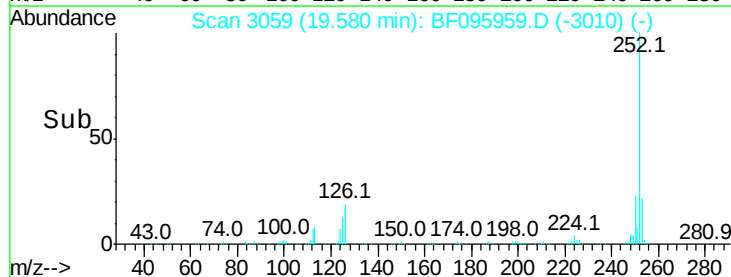
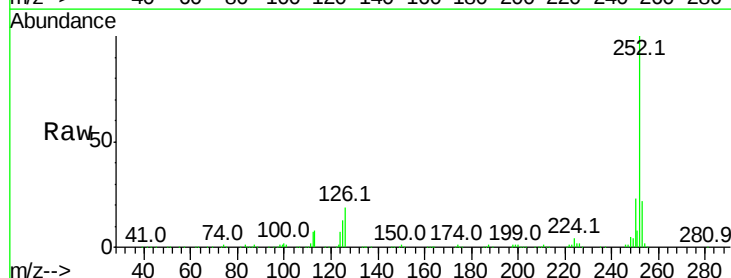
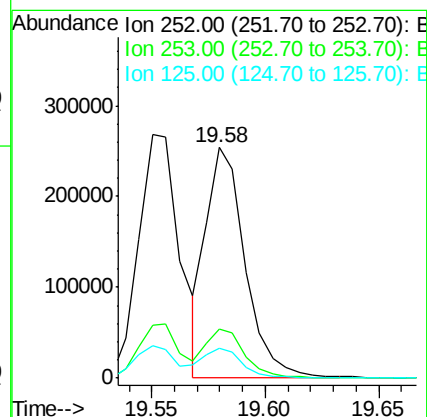
RT: 19.58 min Scan# 3059

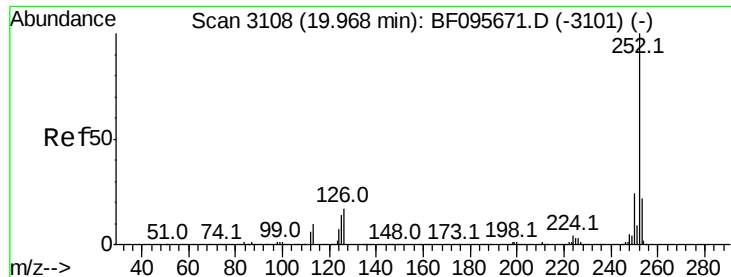
Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	12.8	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 46.84 ng

RT: 19.90 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

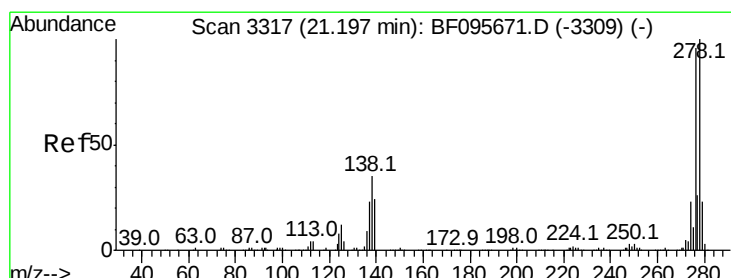
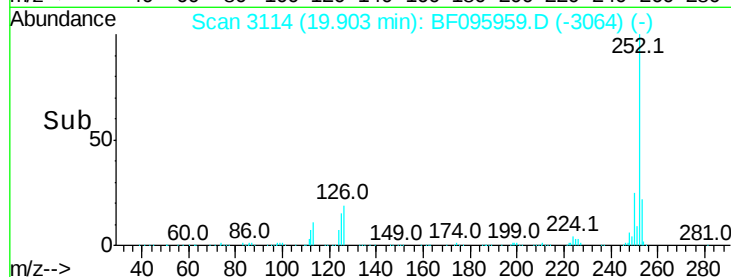
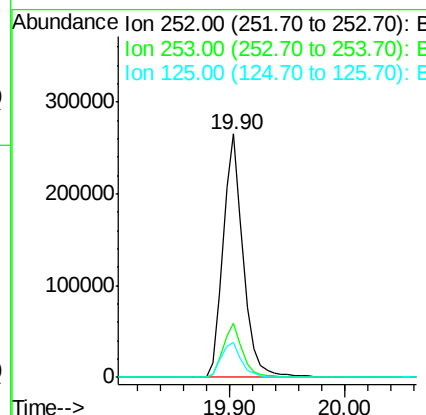
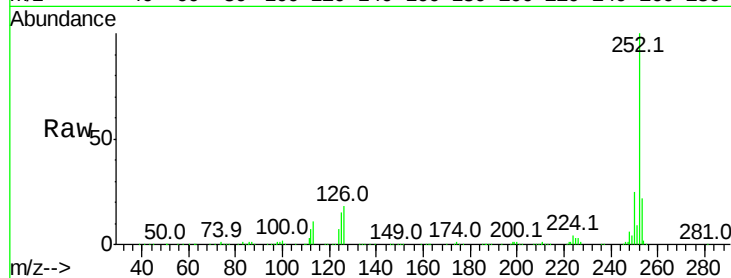
ClientSampleId :

PL-01-061417-AMSD

Tot Ion:	252	Resp:	317686
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.5	26.3
125	14.6	11.0	16.4

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 46.50 ng

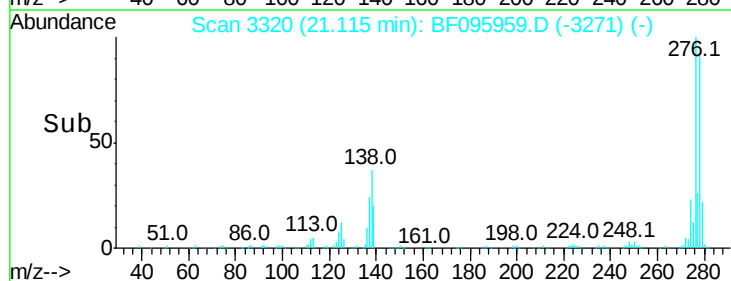
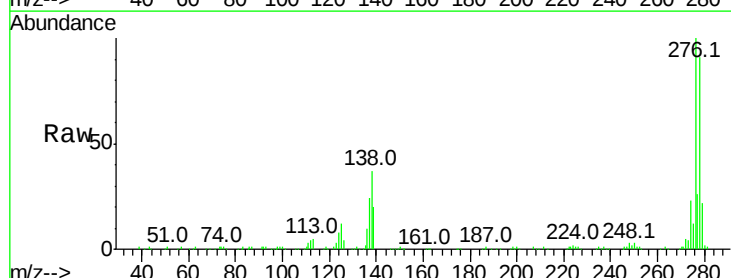
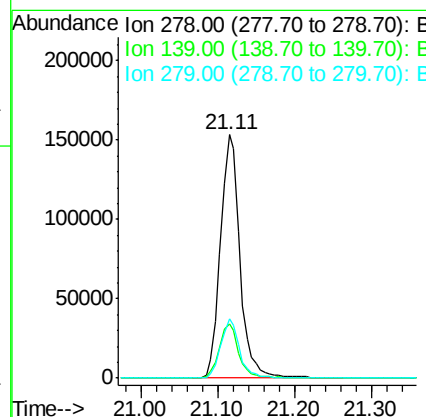
RT: 21.11 min Scan# 3320

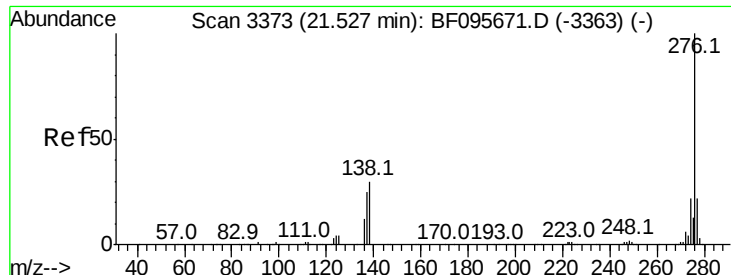
Delta R.T. -0.01 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Tgt Ion:	278	Resp:	267539
Ion Ratio	Lower	Upper	
278	100		
139	22.3	16.6	24.8
279	24.5	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 43.58 ng

RT: 21.44 min Scan# 3376

Delta R.T. 0.00 min

Lab File: BF095959.D

Acq: 16 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

PL-01-061417-AMSD

Tot Ion: 276 Resp: 255638

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

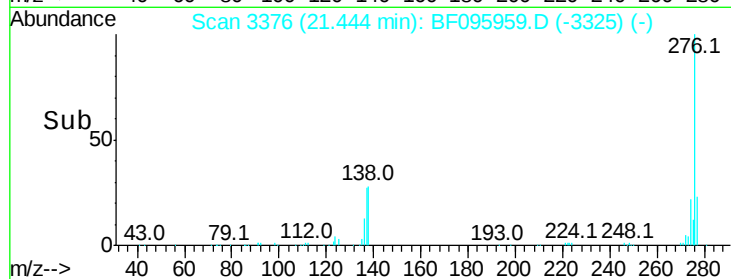
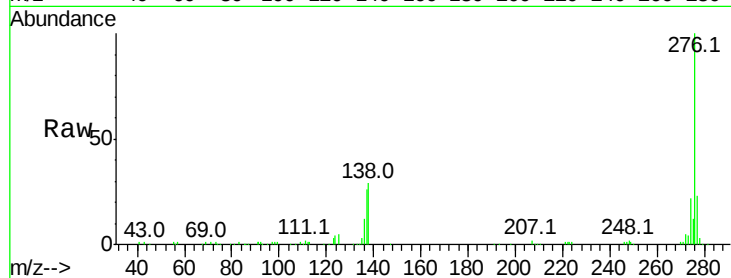
138 28.6 25.4 38.0

Manual Integrations

APPROVED

mohammad

6/19/2017 3:46:57 PM



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

