

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095958.D
 Acq On : 16 Jun 2017 16:32
 Operator : SJ/MA
 Sample : I3693-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 6/19/2017 3:46:53 PM

Quant Time: Jun 16 23:53:49 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	58972	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	244070	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	108566	20.00	ng	0.00
63) Phenanthrene-d10	14.57	188	177709	20.00	ng	0.00
75) Chrysene-d12	18.29	240	121132	20.00	ng	0.00
86) Perylene-d12	19.96	264	125499	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	461641	124.74	ng	0.03
7) Phenol-d6	6.90	99	545503	123.12	ng	0.00
23) Nitrobenzene-d5	8.25	82	347544	88.43	ng	0.00
41) 2,4,6-Tribromophenol	13.47	330	123617	128.69	ng	0.00
44) 2-Fluorobiphenyl	11.13	172	677046	86.78	ng	0.00
78) Terphenyl-d14	16.94	244	485085	99.38	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.79	88	58203	33.06	ng	96
3) Pyridine	2.33	79	98628	23.84	ng	97
4) n-Nitrosodimethylamine	2.26	42	65029	41.34	ng	79
6) Aniline	6.84	93	74089	12.78	ng	94
8) 2-Chlorophenol	7.02	128	176768	44.92	ng	98
9) Benzaldehyde	6.65	77	38546	12.90	ng	97
10) Phenol	6.93	94	193674	42.14	ng	95
11) bis(2-Chloroethyl)ether	6.97	93	168013	46.15	ng	98
12) 1,3-Dichlorobenzene	7.22	146	183356	41.17	ng	96
13) 1,4-Dichlorobenzene	7.35	146	186030	41.19	ng	98
14) 1,2-Dichlorobenzene	7.58	146	179253	43.05	ng	96
15) Benzyl Alcohol	7.64	79	140245	46.12	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.83	45	221684	43.34	ng	95
17) 2-Methylphenol	7.87	107	145117	43.94	ng	94
18) Hexachloroethane	8.10	117	61146	40.99	ng	89
19) n-Nitroso-di-n-propylamine	8.06	70	126576	45.08	ng	91
20) 3+4-Methylphenols	8.15	107	192412	45.90	ng	# 55
22) Acetophenone	8.02	105	251517	44.03	ng	# 84
24) Nitrobenzene	8.27	77	174106	41.47	ng	91
25) Isophorone	8.68	82	319620	43.56	ng	97
26) 2-Nitrophenol	8.79	139	96981	44.12	ng	98
27) 2,4-Dimethylphenol	8.95	122	154995	45.43	ng	98
28) bis(2-Chloroethoxy)methane	9.06	93	204089	42.19	ng	99
29) 2,4-Dichlorophenol	9.23	162	148583	45.22	ng	96
30) 1,2,4-Trichlorobenzene	9.29	180	143118	41.86	ng	98
31) Naphthalene	9.39	128	521401	42.57	ng	100
32) Benzoic acid	9.32	122	79070	38.25	ng	92
33) 4-Chloroaniline	9.57	127	68113	14.23	ng	# 91
34) Hexachlorobutadiene	9.60	225	73659	41.70	ng	98
35) Caprolactam	10.18	113	40657m	41.59	ng	
36) 4-Chloro-3-methylphenol	10.43	107	155939	45.34	ng	87
37) 2-Methylnaphthalene	10.52	142	362980	43.86	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.80	216	140062	43.11	ng	98
40) Hexachlorocyclopentadiene	10.76	237	31227	37.59	ng	99

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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	97556	46.70	nq	98
43) 2,4,5-Trichlorophenol	11.13	196	92218	41.50	nq	94
45) 1,1'-Biphenyl	11.28	154	400082	44.71	nq	97
46) 2-Chloronaphthalene	11.30	162	307882	44.04	nq	96
47) 2-Nitroaniline	11.52	65	88998	43.50	nq	# 84
48) Acenaphthylene	11.95	152	481724	40.29	nq	99
49) Dimethylphthalate	11.84	163	370953	45.00	nq	99
50) 2,6-Dinitrotoluene	11.94	165	76802	42.72	nq	# 76
51) Acenaphthene	12.23	154	288899	41.84	nq	98
52) 3-Nitroaniline	12.21	138	48013	22.92	nq	91
53) 2,4-Dinitrophenol	12.43	184	57490	58.37	nq	# 67
54) Dibenzofuran	12.52	168	442958	45.58	nq	99
55) 4-Nitrophenol	12.64	139	82897	68.48	nq	# 69
56) 2,4-Dinitrotoluene	12.61	165	111499	45.91	nq	95
57) Fluorene	13.07	166	352848	41.72	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.77	232	73520	48.36	nq	# 92
59) Diethylphthalate	12.99	149	359876	45.36	nq	99
60) 4-Chlorophenyl-phenylether	13.10	204	157976	42.96	nq	89
61) 4-Nitroaniline	13.20	138	74006	37.84	nq	95
62) Azobenzene	13.36	77	326322	45.39	nq	92
64) 4,6-Dinitro-2-methylphenol	13.29	198	45591	39.03	nq	# 75
65) n-Nitrosodiphenylamine	13.31	169	304725	47.72	nq	99
66) 4-Bromophenyl-phenylether	13.87	248	86718	46.95	nq	99
67) Hexachlorobenzene	13.96	284	85144	46.78	nq	# 91
68) Atrazine	14.24	200	86927	48.91	nq	99
69) Pentachlorophenol	14.33	266	47570	69.85	nq	99
70) Phenanthrene	14.60	178	464086	45.26	nq	99
71) Anthracene	14.69	178	477162	44.57	nq	97
72) Carbazole	14.99	167	426209	40.86	nq	97
73) Di-n-butylphthalate	15.59	149	550524	49.60	nq	98
74) Fluoranthene	16.39	202	415878	40.98	nq	98
76) Benzidine	16.63	184	39786	8.55	nq	95
77) Pyrene	16.69	202	414412	45.85	nq	99
79) Butylbenzylphthalate	17.61	149	185260	46.93	nq	# 86
80) Benzo(a)anthracene	18.28	228	326401	46.35	nq	97
81) 3,3'-Dichlorobenzidine	18.27	252	86075	34.38	nq	# 93
82) Chrysene	18.32	228	319951	45.46	nq	99
83) Bis(2-ethylhexyl)phthalate	18.36	149	255057	45.81	nq	# 100
84) Di-n-octyl phthalate	19.13	149	423236	46.13	nq	95
85) Indeno(1,2,3-cd)pyrene	21.12	276	312273	51.86	nq	99
87) Benzo(b)fluoranthene	19.55	252	340847m	43.37	nq	
88) Benzo(k)fluoranthene	19.58	252	312636	41.62	nq	95
89) Benzo(a)pyrene	19.90	252	321798	44.55	nq	99
90) Dibenzo(a,h)anthracene	21.12	278	267710	43.70	nq	96
91) Benzo(g,h,i)perylene	21.44	276	258337	41.36	nq	96

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

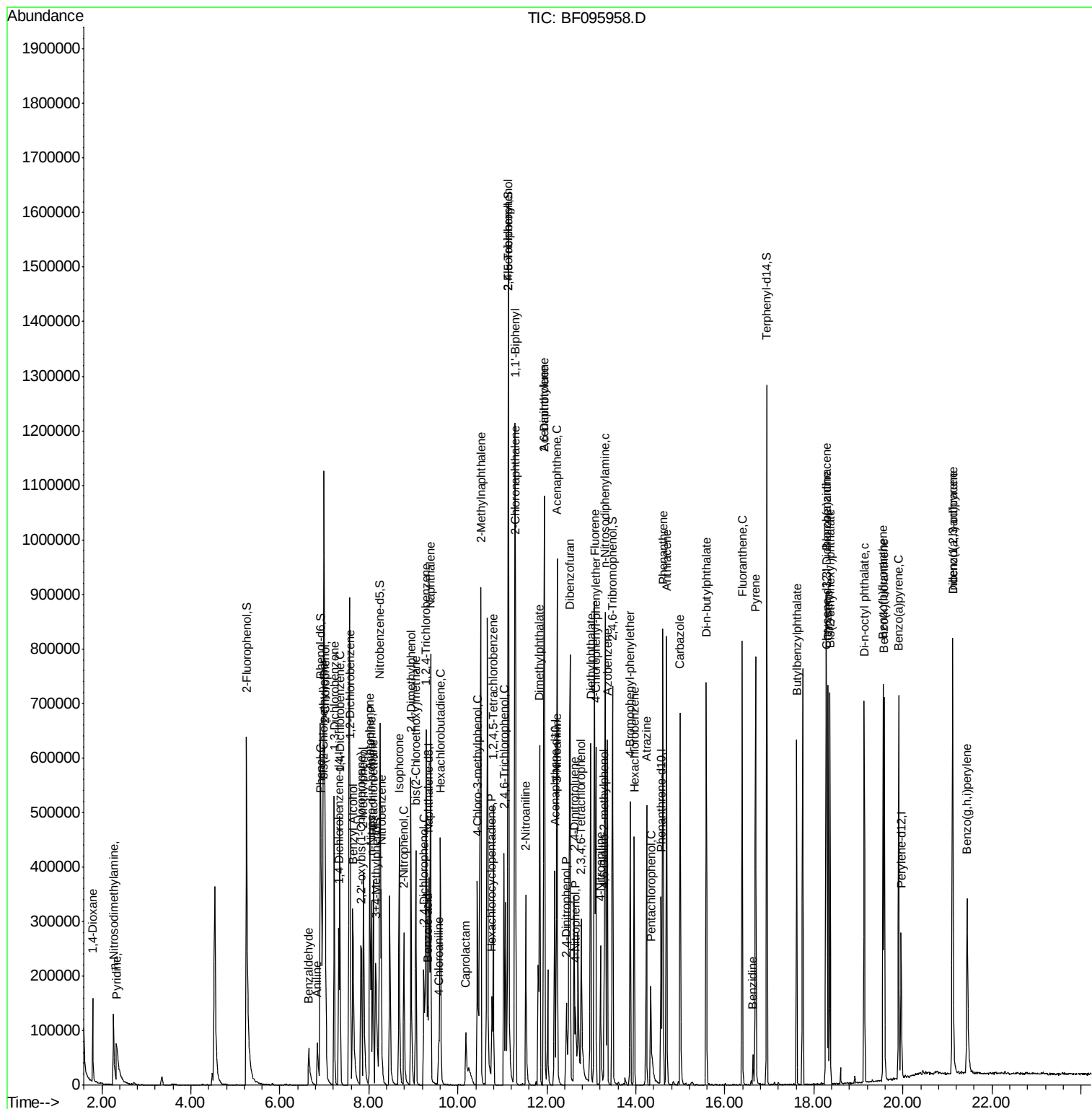
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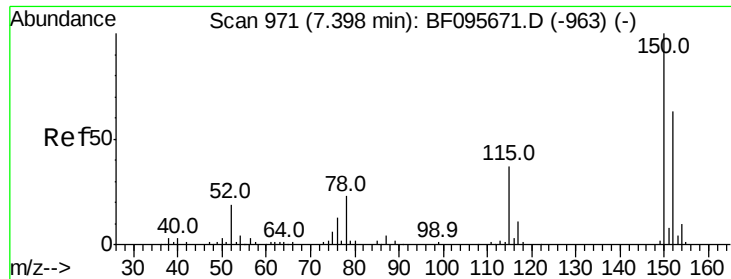
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#1

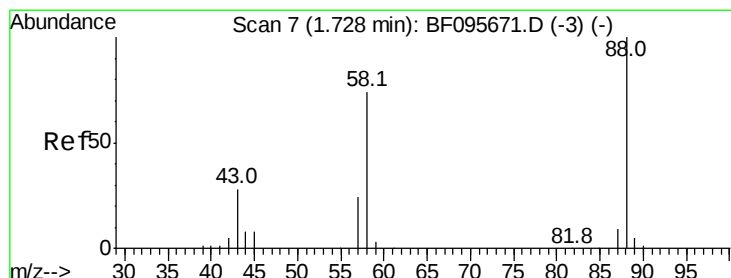
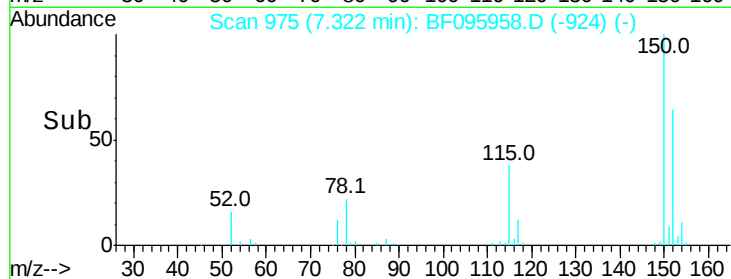
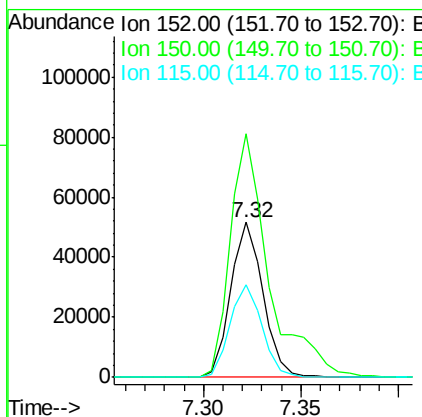
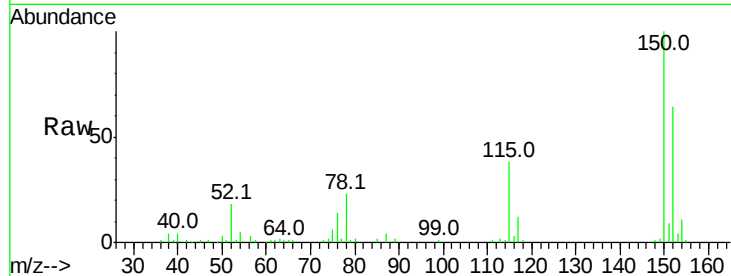
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	59.5	52.2	78.2

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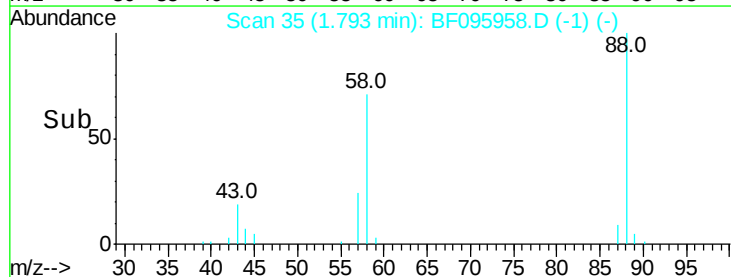
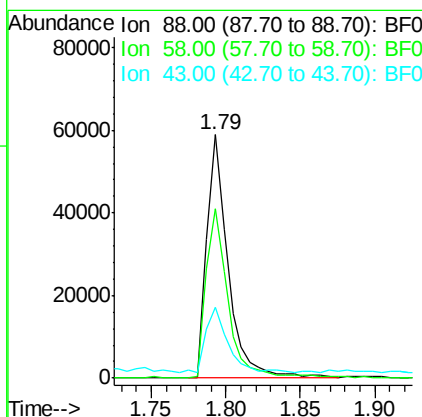
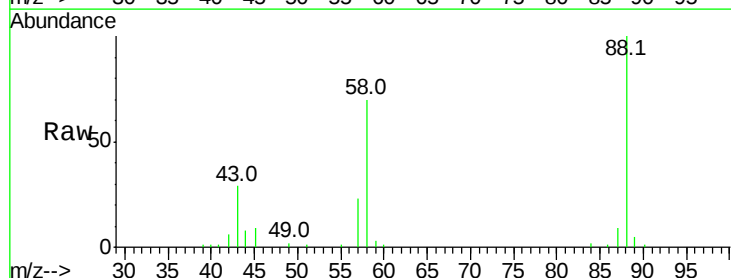
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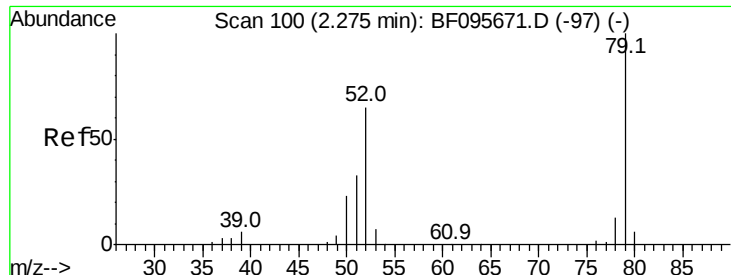


#2

1,4-Dioxane
Concen: 33.06 ng
RT: 1.79 min Scan# 35
Delta R.T. 0.16 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	61.4	92.0
43	27.0	23.4	35.0





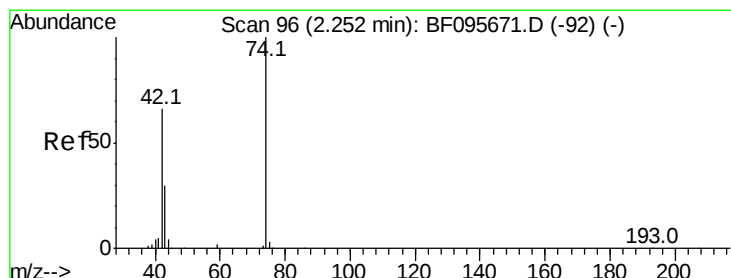
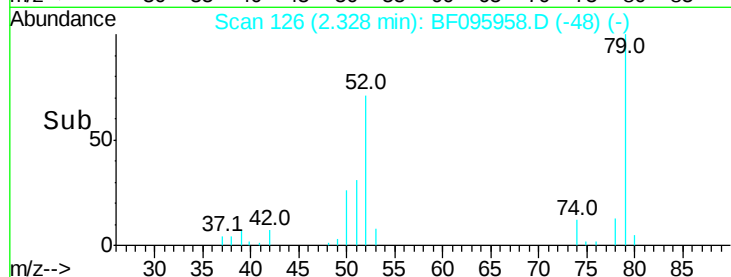
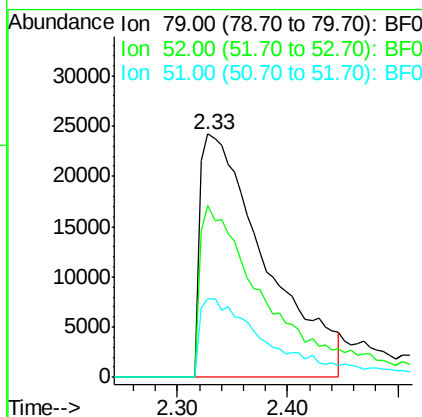
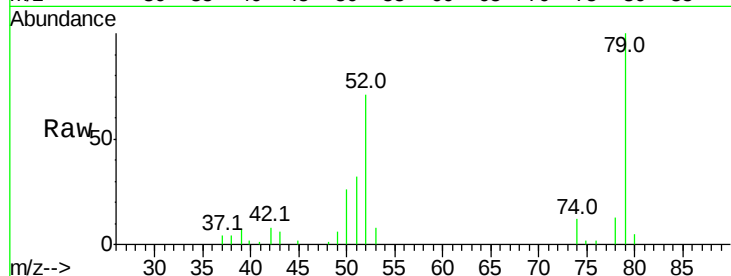
#3
Pvridine
Concen: 23.84 ng
RT: 2.33 min Scan# 126
Delta R.T. 0.16 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

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

Tot Ion: 79 Resp: 98628
Ion Ratio Lower Upper
79 100
52 70.5 54.8 82.2
51 32.1 27.0 40.4

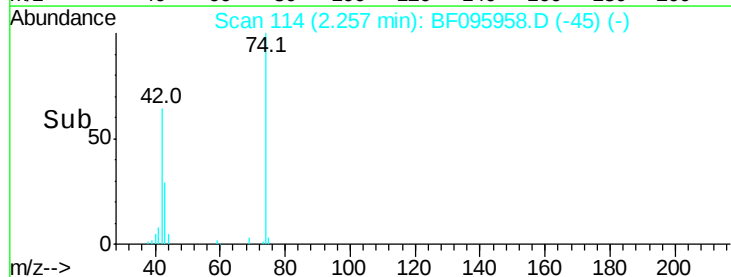
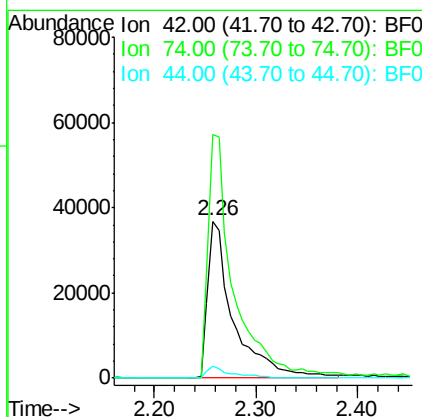
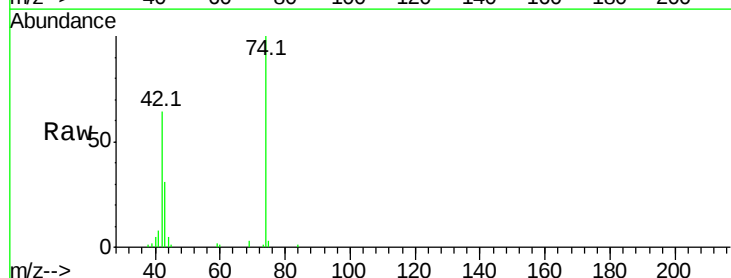
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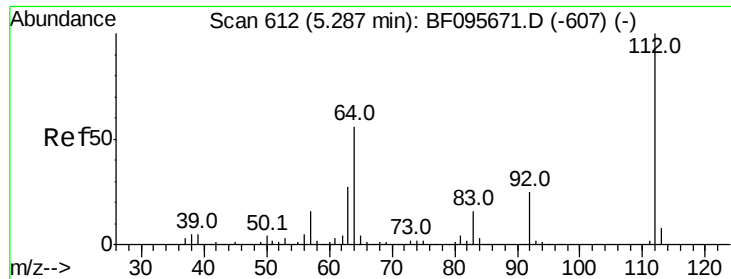
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#4
n-Nitrosodimethylamine
Concen: 41.34 ng
RT: 2.26 min Scan# 114
Delta R.T. 0.11 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion: 42 Resp: 65029
Ion Ratio Lower Upper
42 100
74 155.3 103.9 155.9
44 7.5 5.7 8.5





#5

2-Fluorophenol

Concen: 124.74 ng

RT: 5.25 min Scan# 622

Delta R.T. 0.03 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

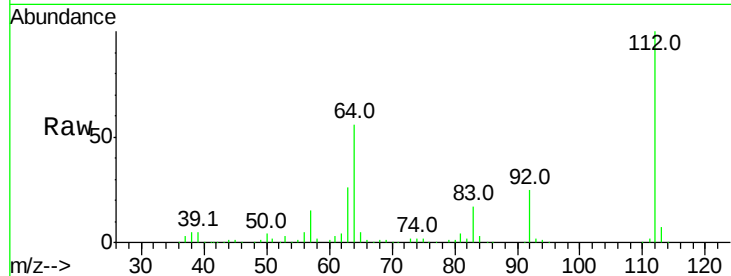
ClientSampleId :

PL-01-061417-AMS

Tot Ion:	112	Resp:	461641
Ion Ratio	Lower	Upper	
112	100		
64	56.5	46.0	69.0
63	26.3	23.4	35.0

Manual Integrations
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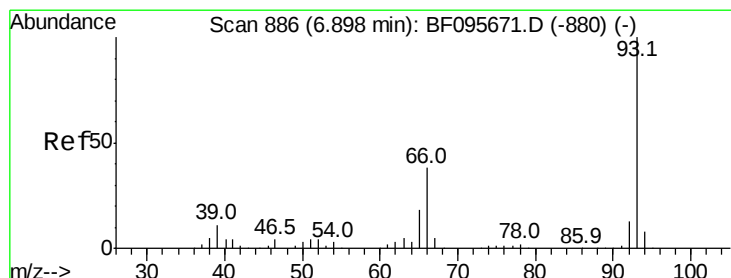
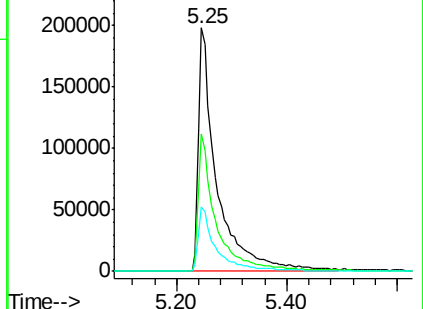
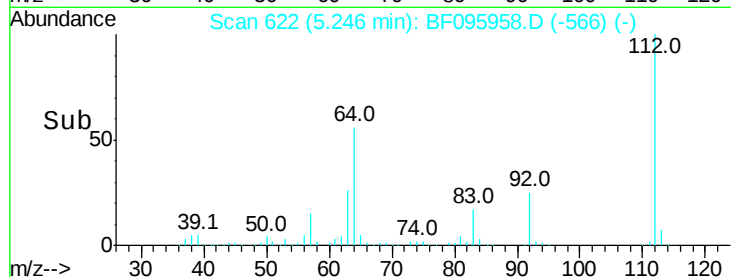
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.78 ng

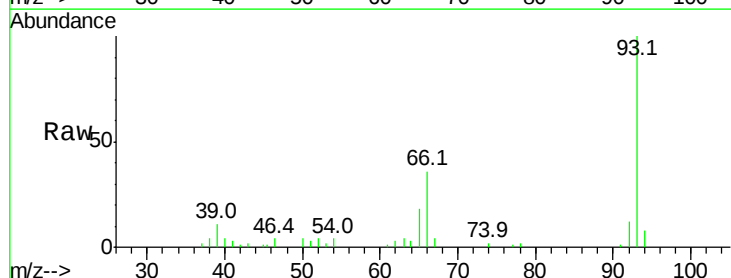
RT: 6.84 min Scan# 893

Delta R.T. 0.02 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

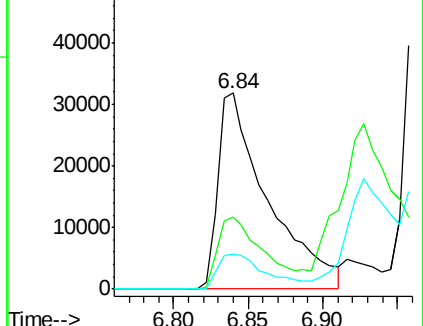
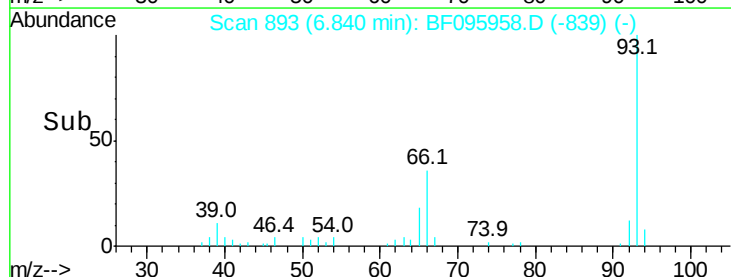
Tgt Ion:	93	Resp:	74089
Ion Ratio	Lower	Upper	
93	100		
66	36.5	32.9	49.3
65	17.9	16.0	24.0

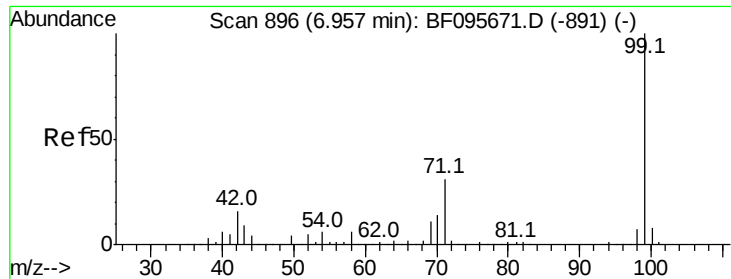


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.12 ng

RT: 6.90 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

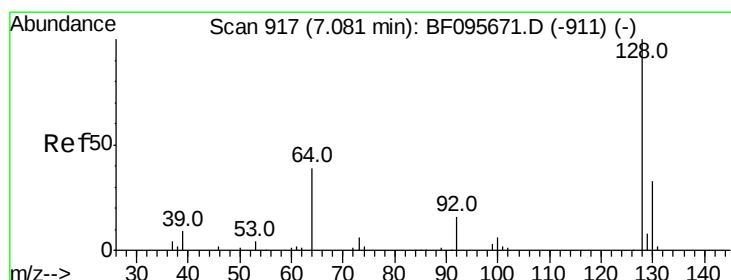
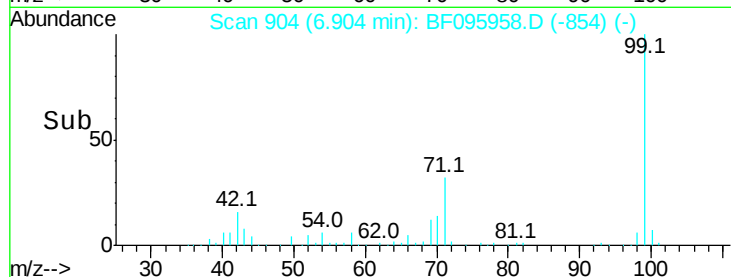
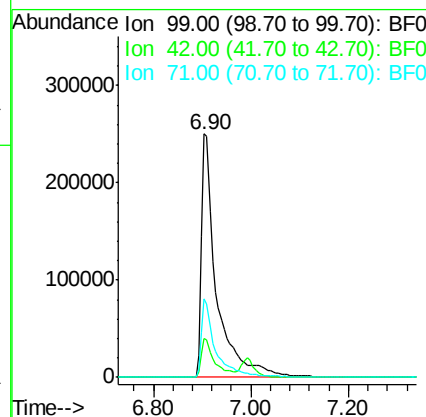
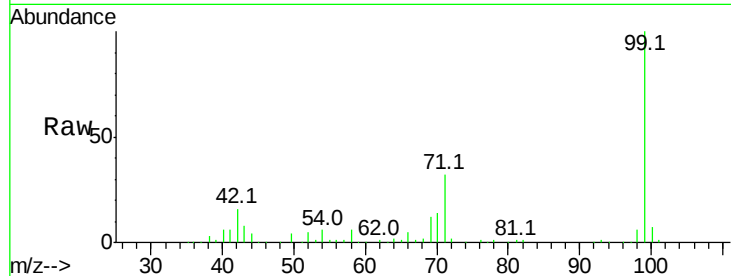
ClientSampleId :

PL-01-061417-AMS

Tot Ion:	99	Resp:	545503
Ion Ratio	Lower	Upper	
99	100		
42	16.0	13.5	20.3
71	32.3	24.5	36.7

Manual Integrations
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#8

2-Chlorophenol

Concen: 44.92 ng

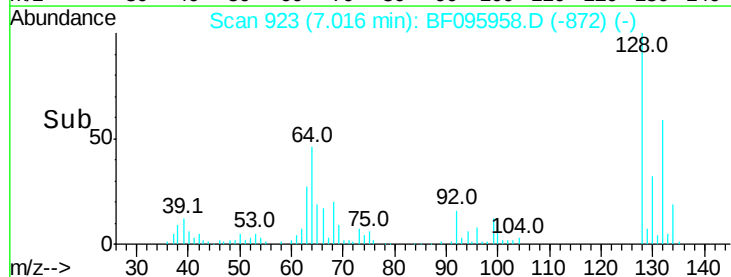
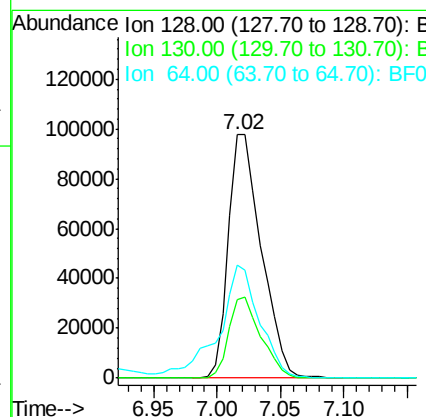
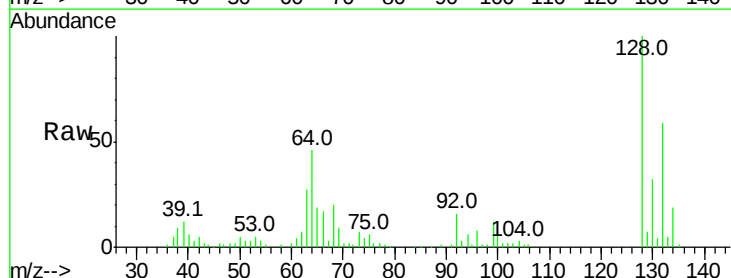
RT: 7.02 min Scan# 923

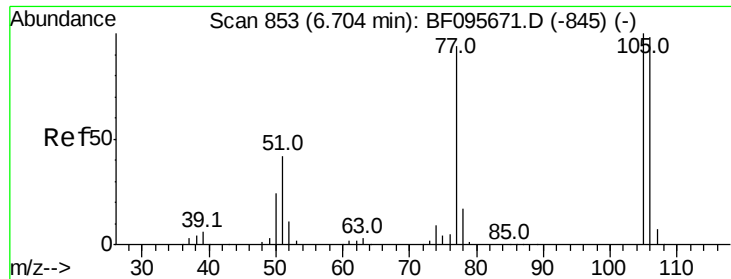
Delta R.T. 0.00 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Tgt Ion:	128	Resp:	176768
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.9	52.9
64	46.4	28.4	68.4





#9

Benzaldehyde

Concen: 12.90 ng

RT: 6.65 min Scan# 861

Delta R.T. 0.02 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

ClientSampleId :

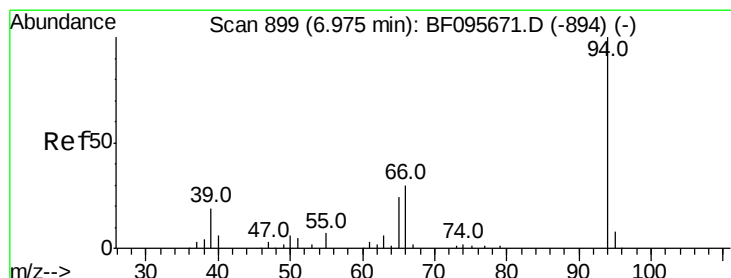
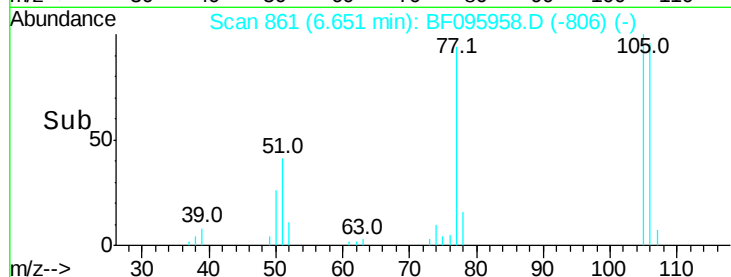
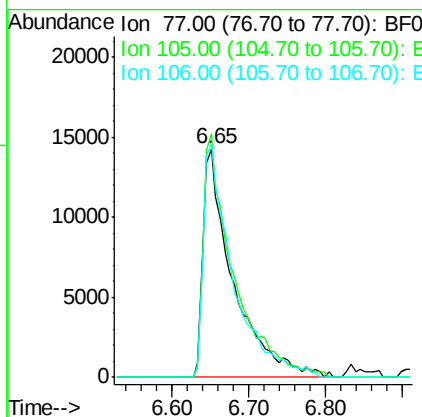
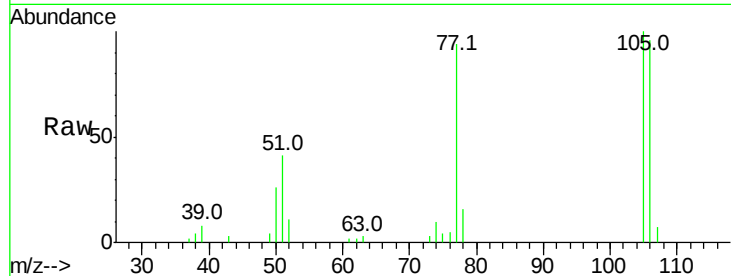
PL-01-061417-AMS

Tot Ion: 77 Resp: 38546

Ion	Ratio	Lower	Upper
77	100		
105	106.5	83.8	123.8
106	102.3	79.1	119.1

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#10

Phenol

Concen: 42.14 ng

RT: 6.93 min Scan# 908

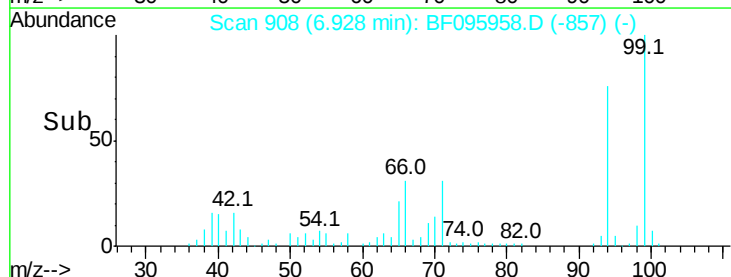
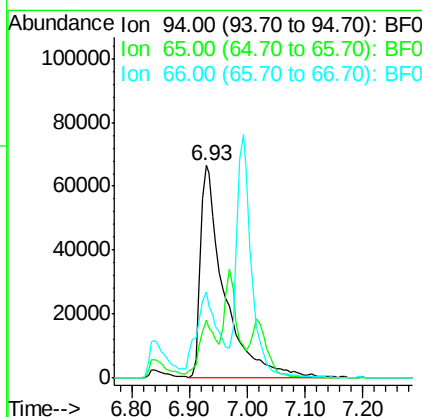
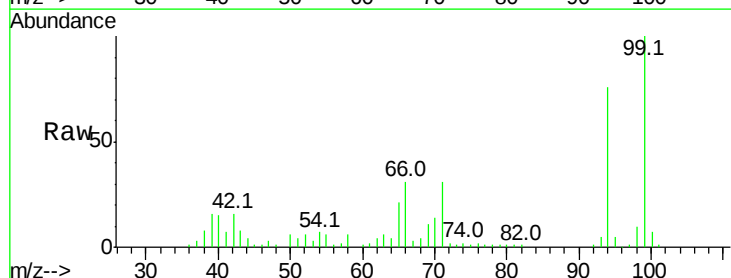
Delta R.T. 0.00 min

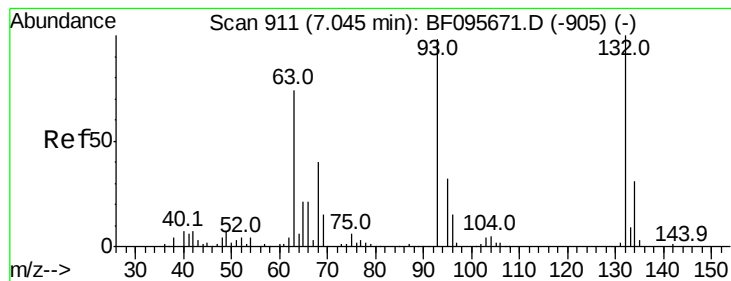
Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Tgt Ion: 94 Resp: 193674

Ion	Ratio	Lower	Upper
94	100		
65	27.0	9.9	49.9
66	40.4	23.1	63.1





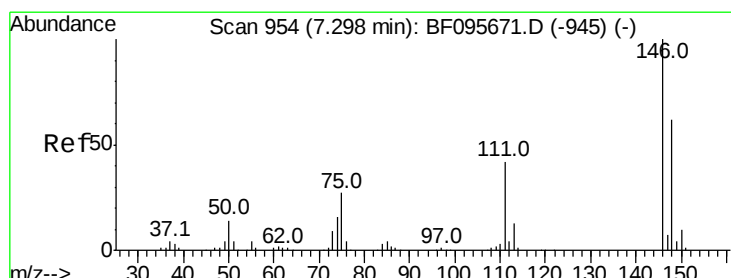
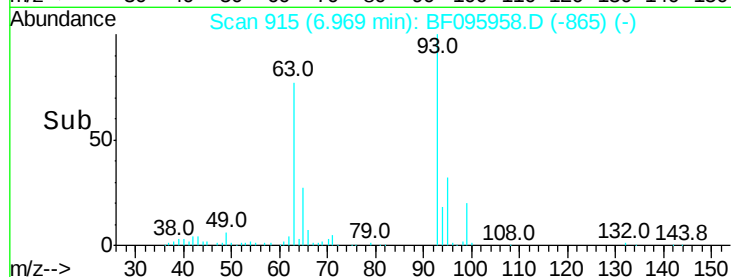
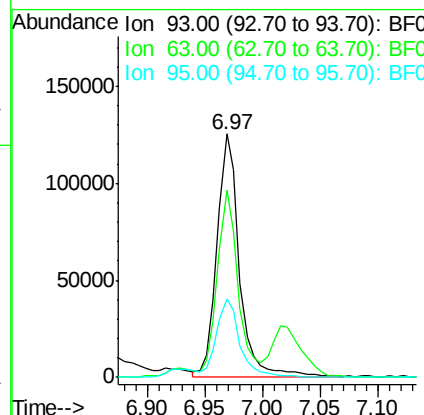
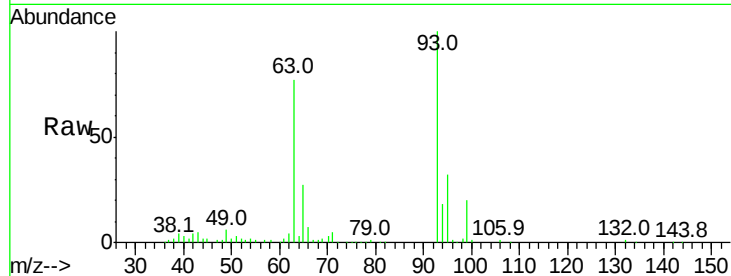
#11
bis(2-Chloroethyl)ether
Concen: 46.15 ng
RT: 6.97 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Resp	Lower	Upper
93	100	168013		
63	76.7	59.2	99.2	
95	32.2	12.8	52.8	

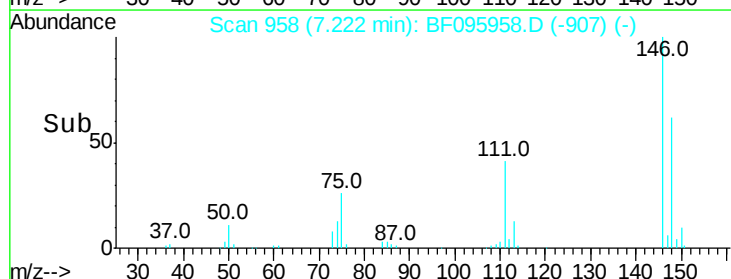
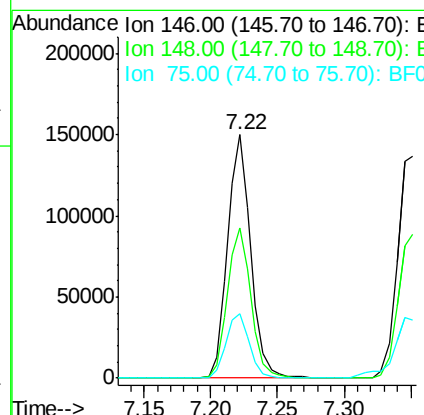
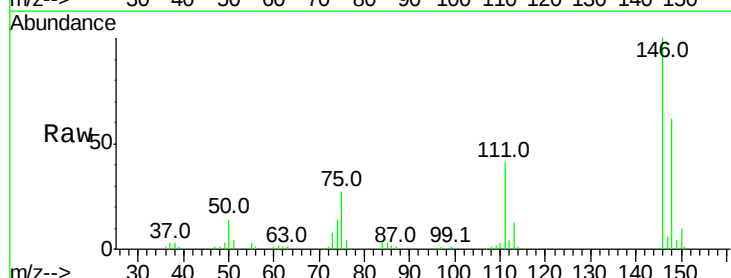
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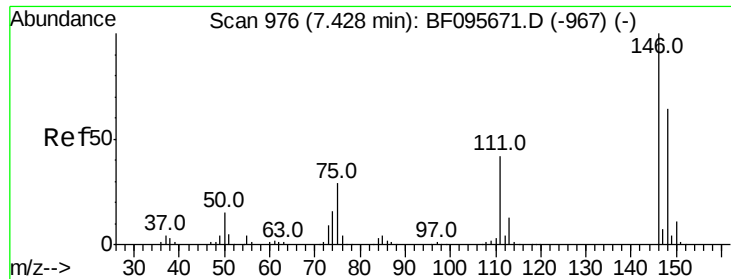
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#12
1,3-Dichlorobenzene
Concen: 41.17 ng
RT: 7.22 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	183356		
148	61.7	51.8	77.6	
75	26.6	23.1	34.7	





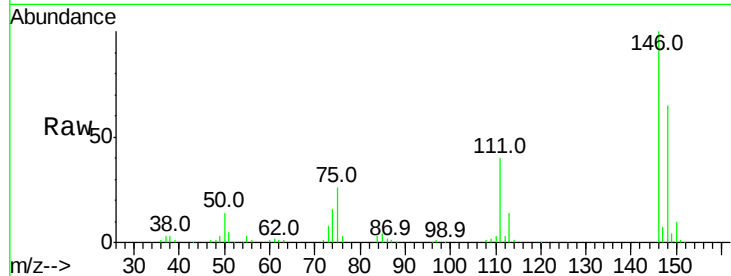
#13
 1,4-Dichlorobenzene
 Concen: 41.19 ng
 RT: 7.35 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

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

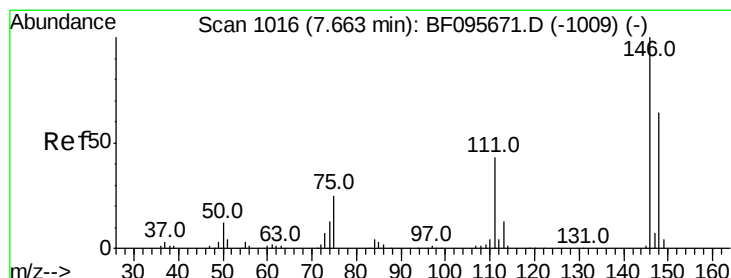
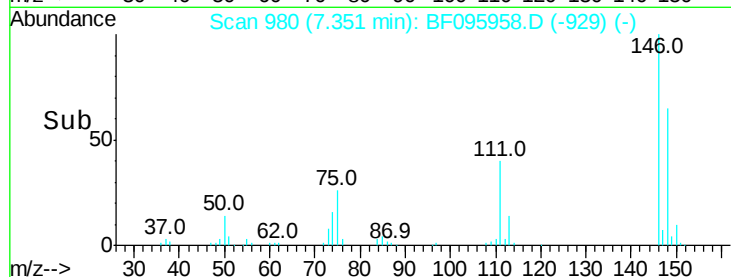
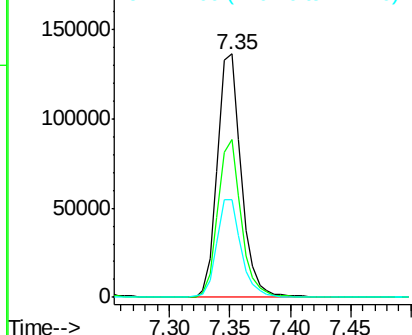
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.2
111	40.0	30.3	45.5

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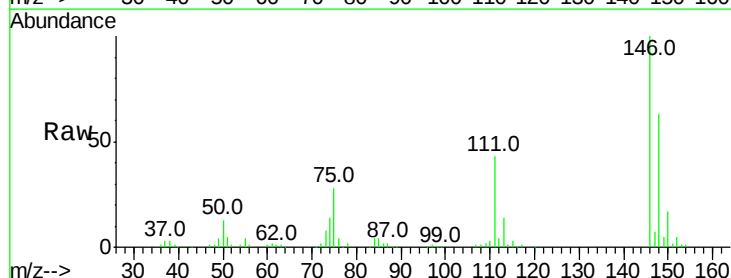


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

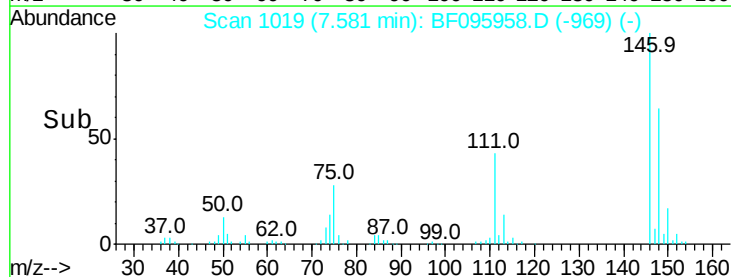
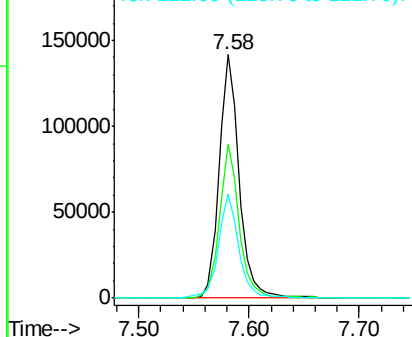


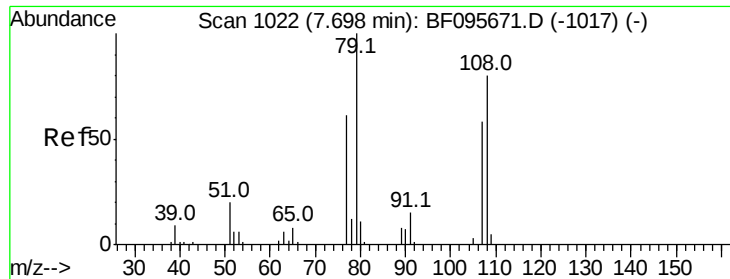
#14
 1,2-Dichlorobenzene
 Concen: 43.05 ng
 RT: 7.58 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.4	75.6
111	42.5	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.12 ng

RT: 7.64 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

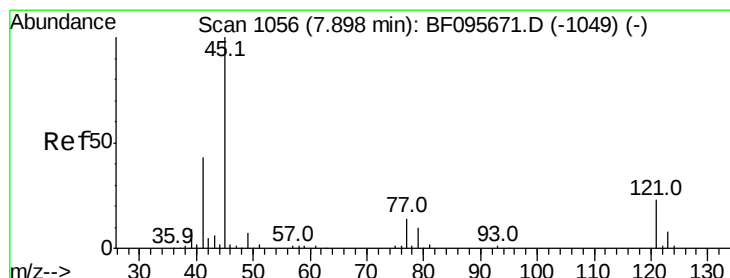
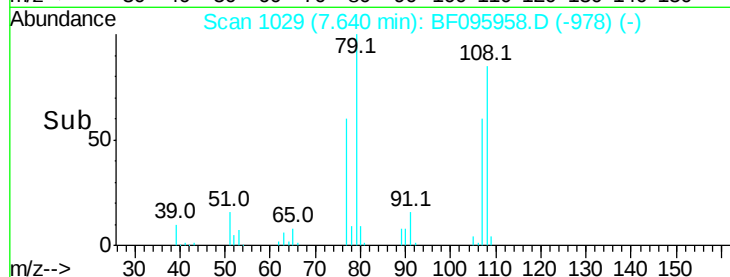
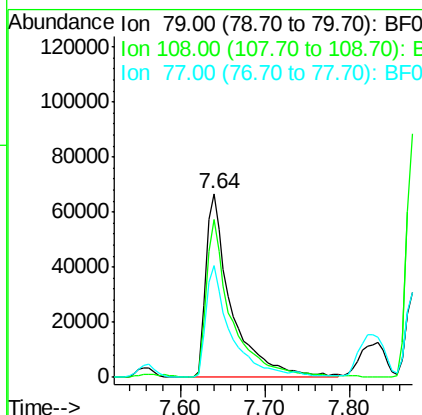
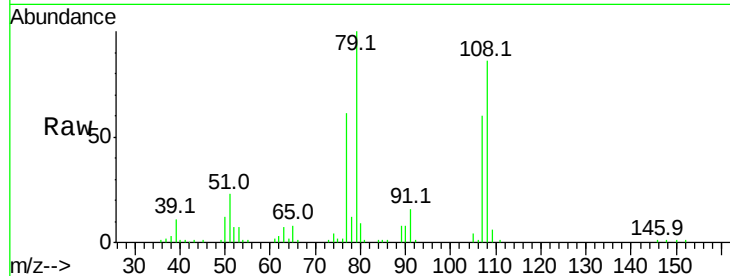
ClientSampleId :

PL-01-061417-AMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	85.9	63.4	95.0
77	60.9	49.2	73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.34 ng

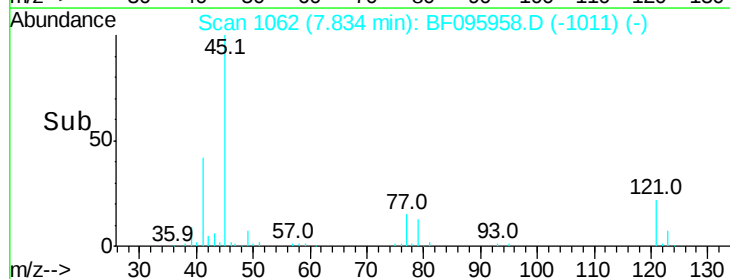
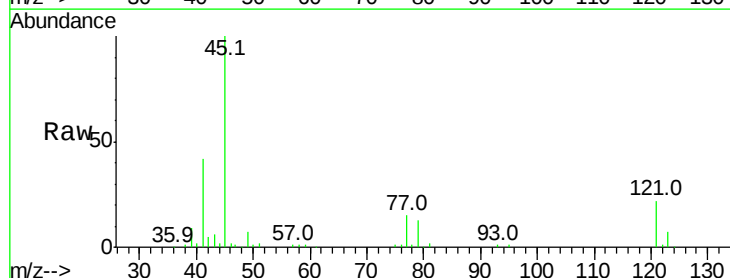
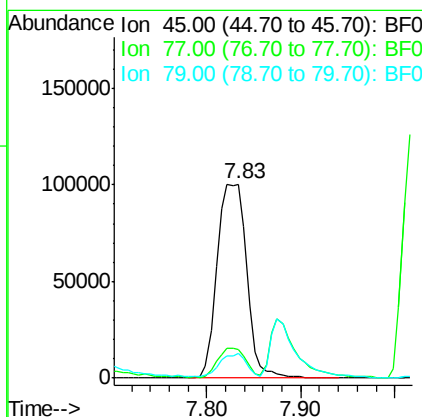
RT: 7.83 min Scan# 1062

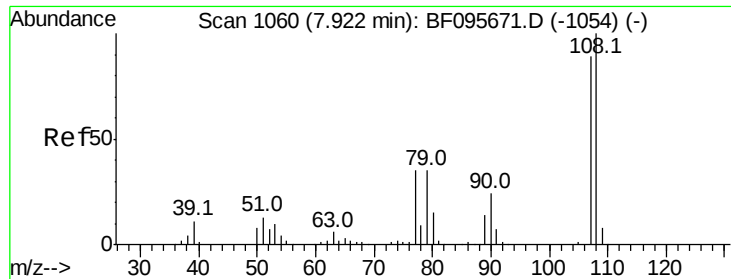
Delta R.T. 0.00 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	33.2
79	12.6	0.0	30.0





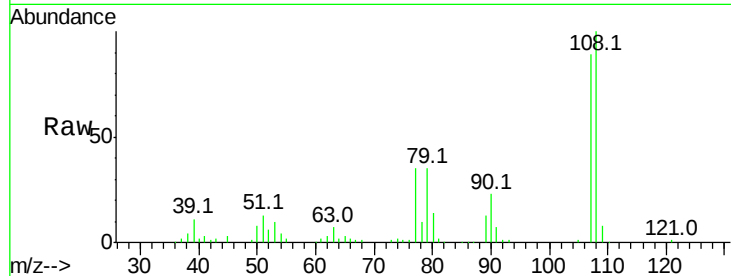
#17
2-Methylphenol
Concen: 43.94 ng
RT: 7.87 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

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

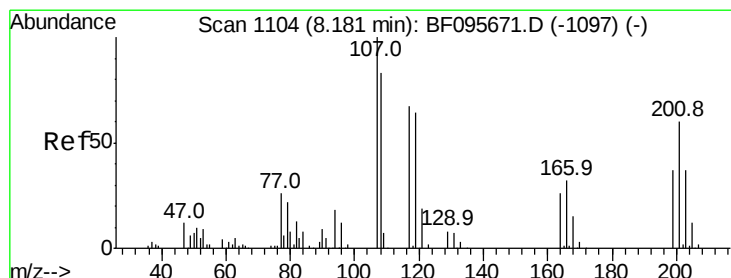
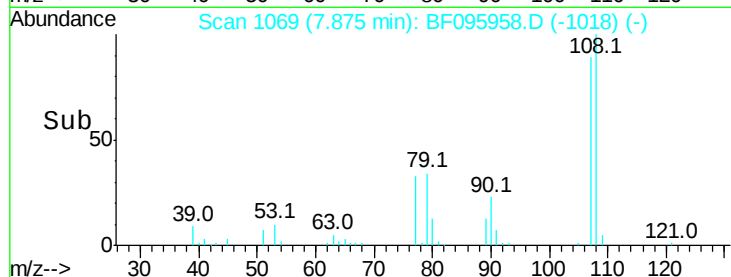
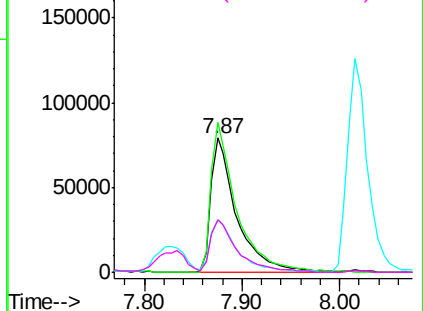
Tot Ion	Ratio	Resp	Lower	Upper
107	100	145117		
108	111.9	93.4	140.0	
77	39.0	35.8	53.6	
79	39.0	34.8	52.2	

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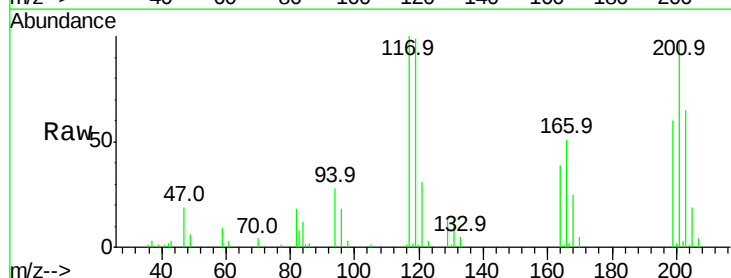


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

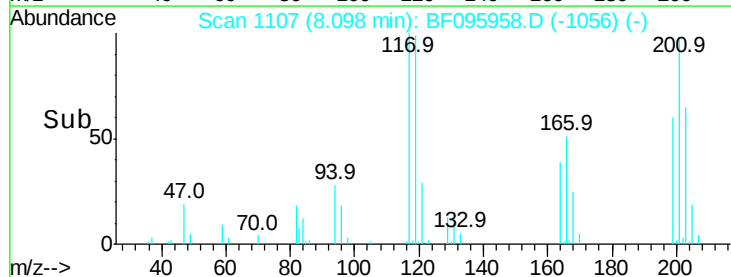
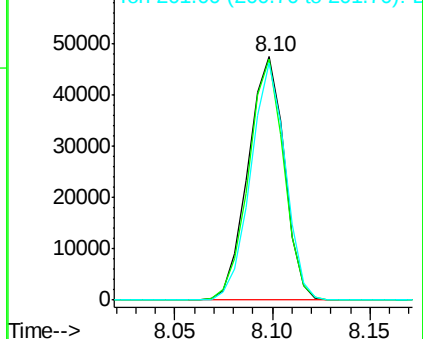


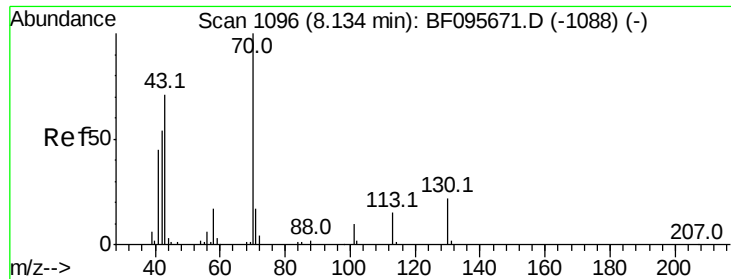
#18
Hexachloroethane
Concen: 40.99 ng
RT: 8.10 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	61146		
119	98.8	77.4	116.0	
201	97.2	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





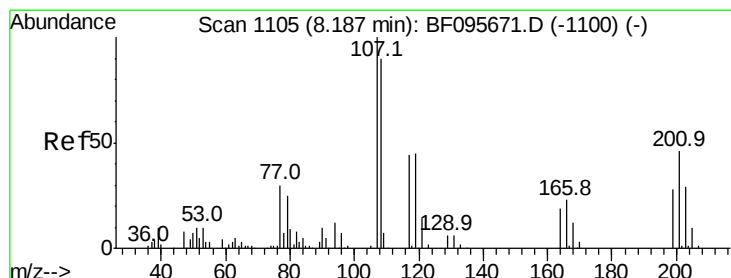
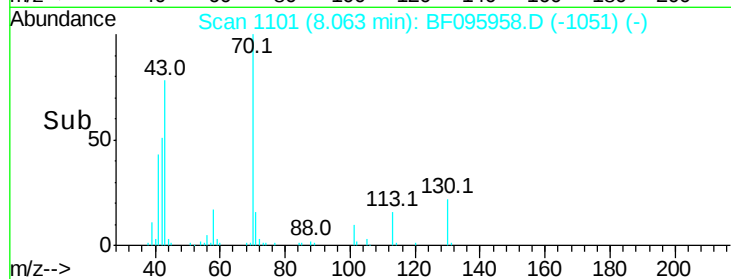
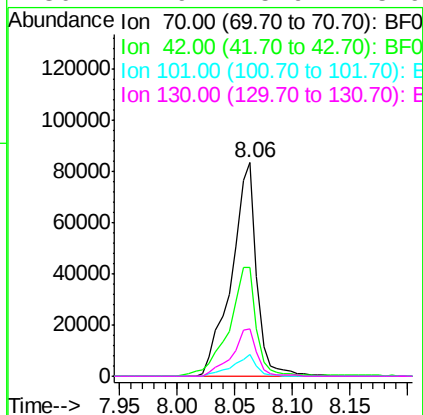
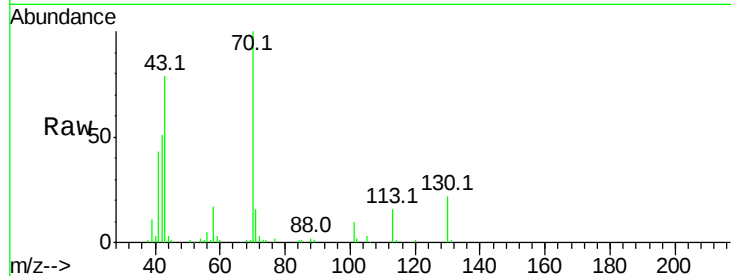
#19
n-Nitroso-di-n-propylamine
Concen: 45.08 ng
RT: 8.06 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

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

Tot Ion	70	Resp	126576
Ion Ratio	Lower	Upper	
70	100		
42	50.7	47.2	70.8
101	10.0	7.2	10.8
130	21.9	15.9	23.9

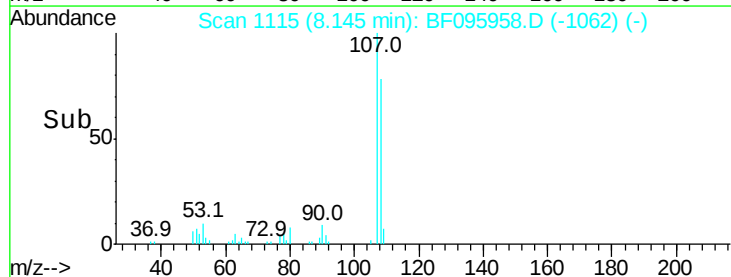
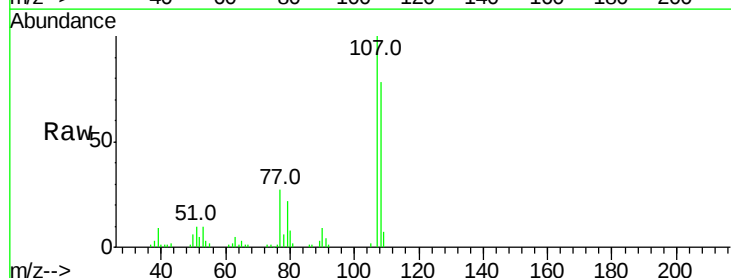
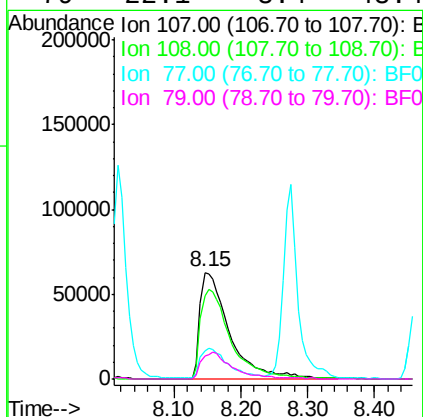
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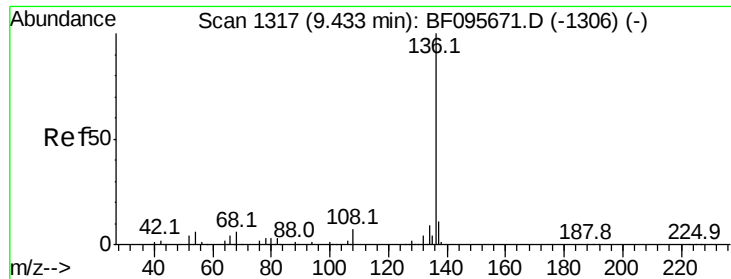
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#20
3+4-Methylphenols
Concen: 45.90 ng
RT: 8.15 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion	107	Resp	192412
Ion Ratio	Lower	Upper	
107	100		
108	78.4	71.0	111.0
77	26.9	90.5	130.5#
79	22.1	8.4	48.4





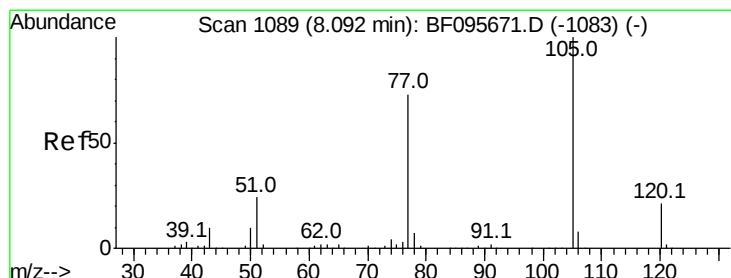
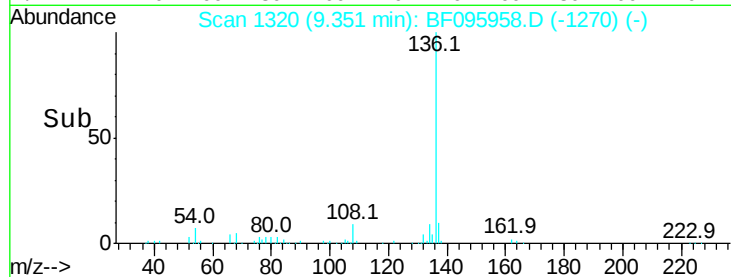
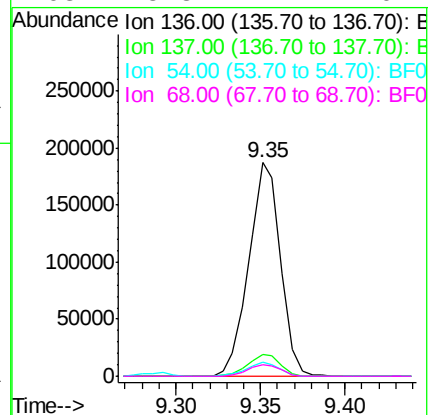
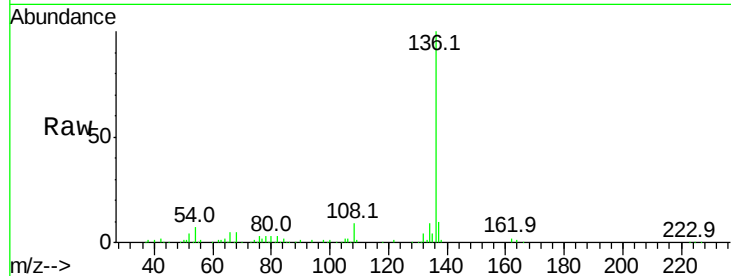
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.35 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	244070		
137	10.4		8.5	12.7
54	6.7		4.9	7.3
68	5.3		4.1	6.1

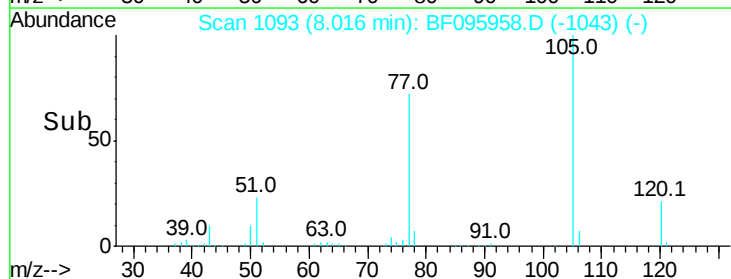
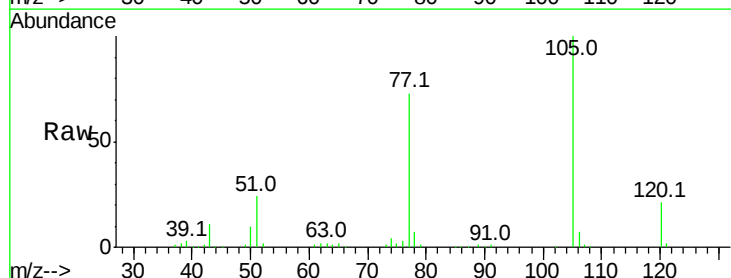
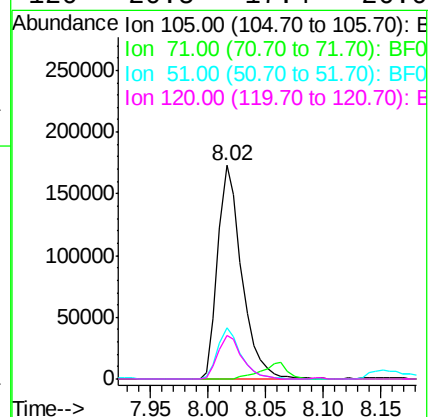
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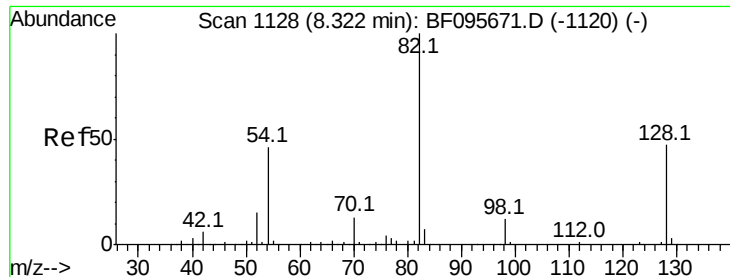
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#22
Acetophenone
Concen: 44.03 ng
RT: 8.02 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	251517		
71	0.0		2.8	4.2#
51	23.7		30.7	46.1#
120	20.5		17.4	26.0





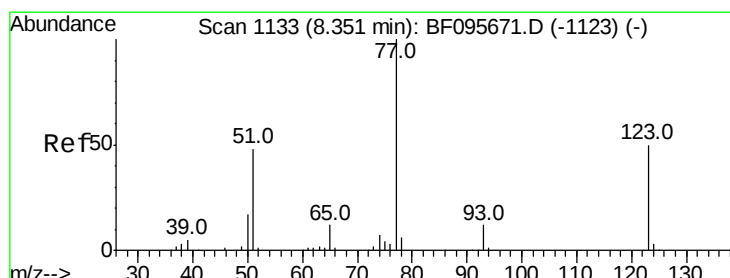
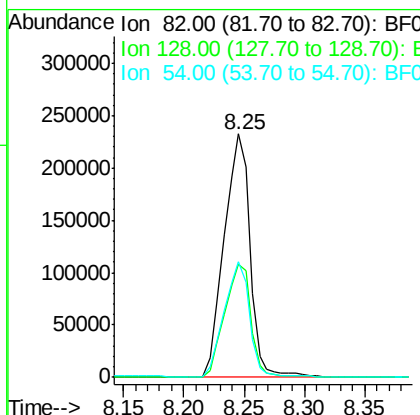
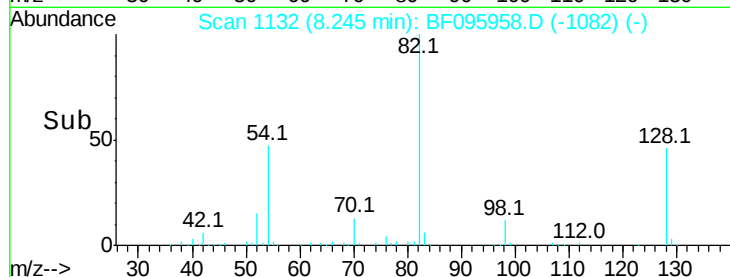
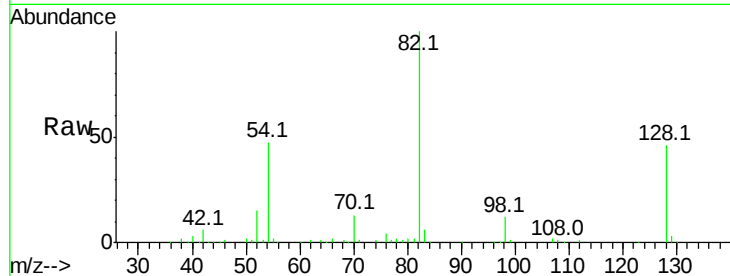
#23
 Nitrobenzene-d5
 Concen: 88.43 ng
 RT: 8.25 min Scan# 1132
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.2	34.0	51.0	
54	47.2	42.2	63.2	

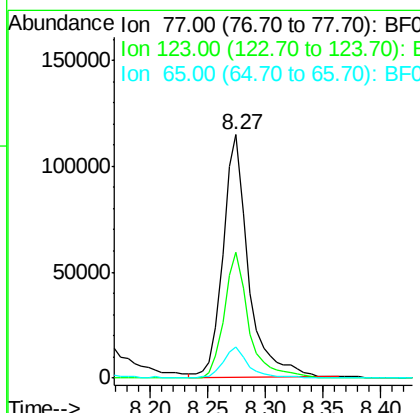
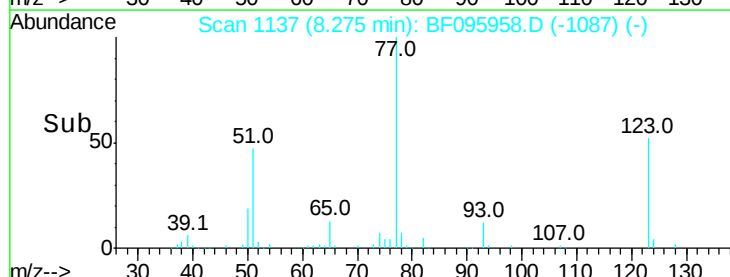
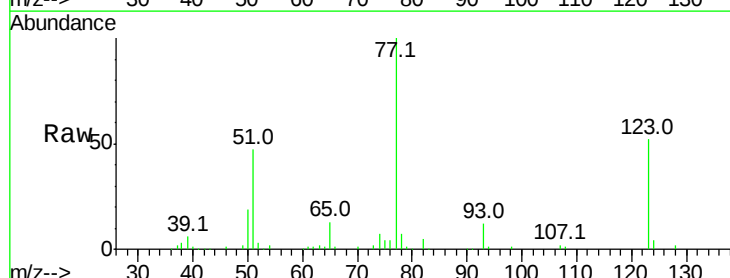
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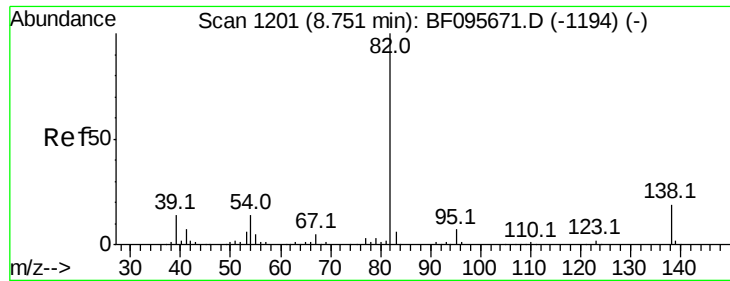
mohammad
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#24
 Nitrobenzene
 Concen: 41.47 ng
 RT: 8.27 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.8	35.8	53.8	
65	12.7	10.6	15.8	





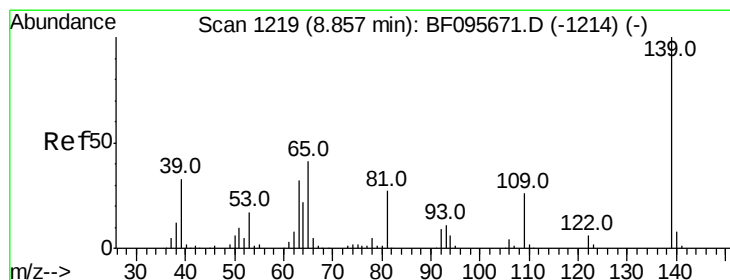
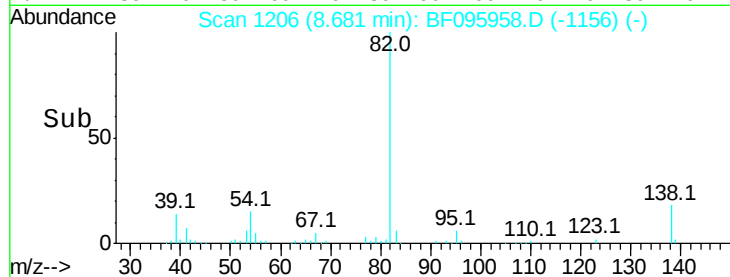
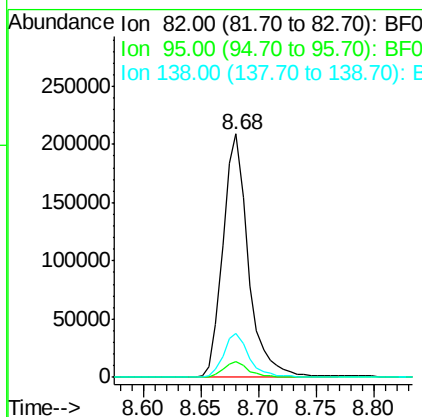
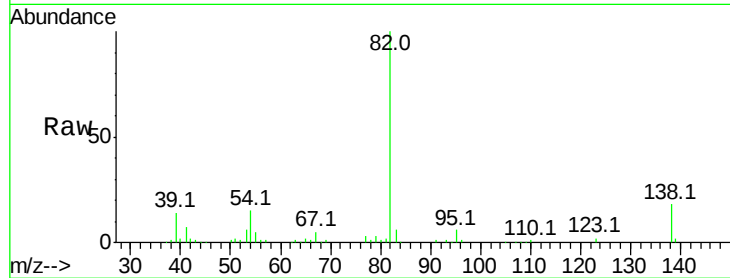
#25
Isophorone
Concen: 43.56 ng
RT: 8.68 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.4	5.3	7.9	
138	17.9	13.1	19.7	

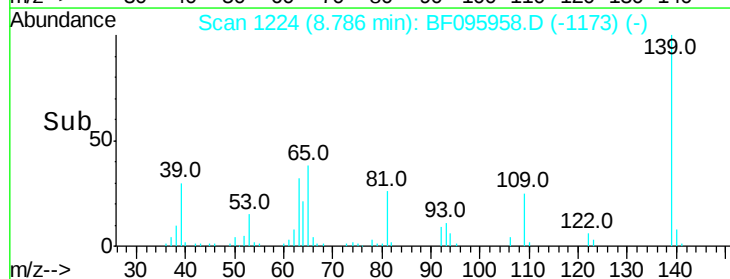
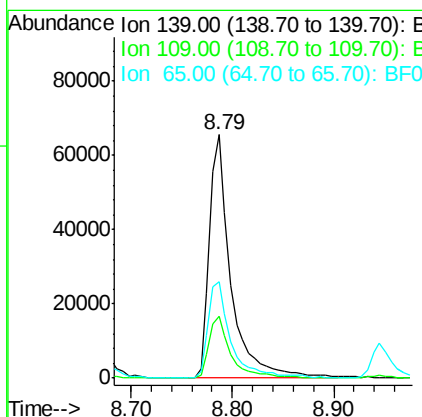
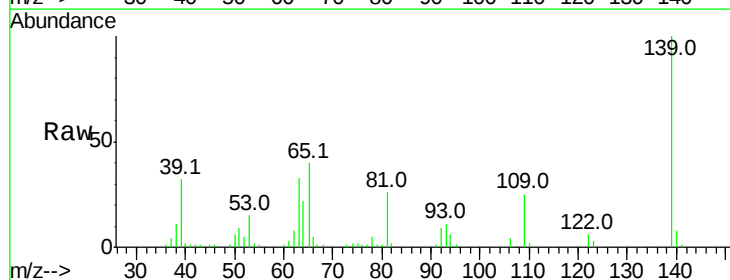
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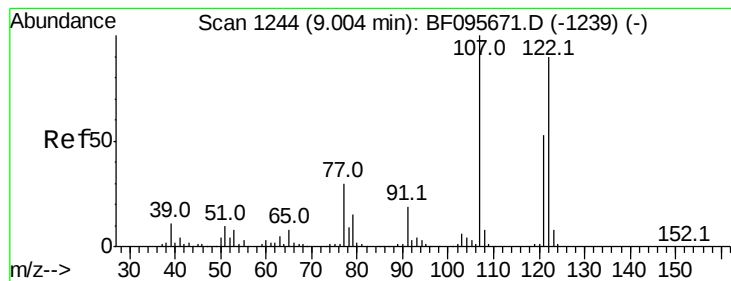
mohammad
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#26
2-Nitrophenol
Concen: 44.12 ng
RT: 8.79 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	25.4	21.0	31.6	
65	39.6	33.0	49.6	





#27

2,4-Dimethylphenol

Concen: 45.43 ng

RT: 8.95 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

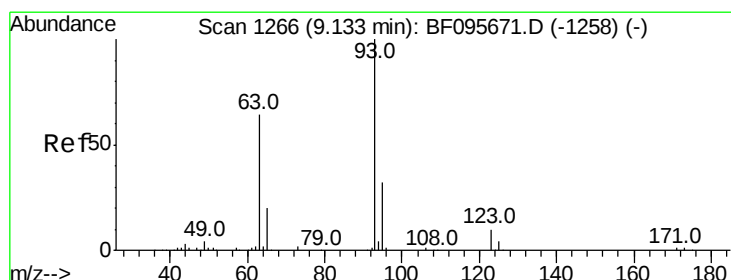
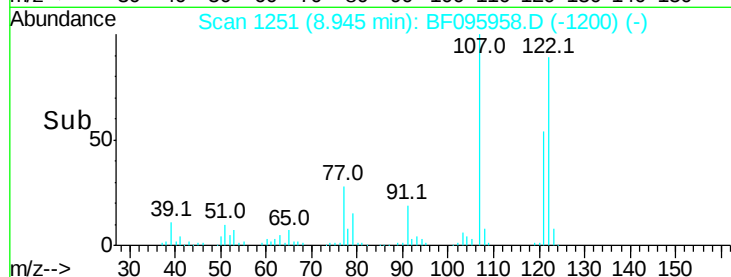
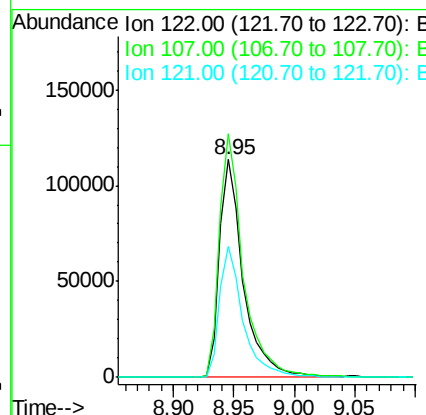
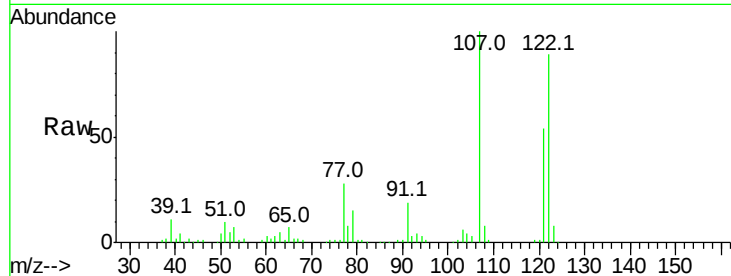
ClientSampleId :

PL-01-061417-AMS

Tot Ion:	122	Resp:	154995
Ion Ratio	Lower	Upper	
122	100		
107	111.8	89.2	133.8
121	60.0	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 42.19 ng

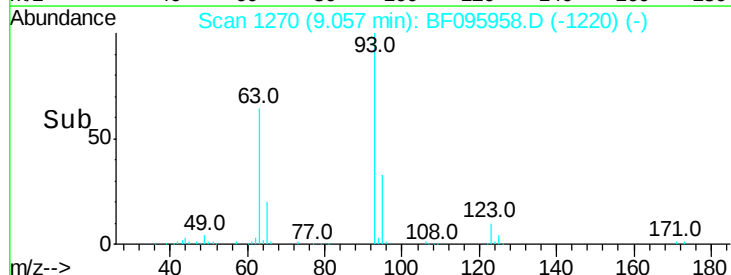
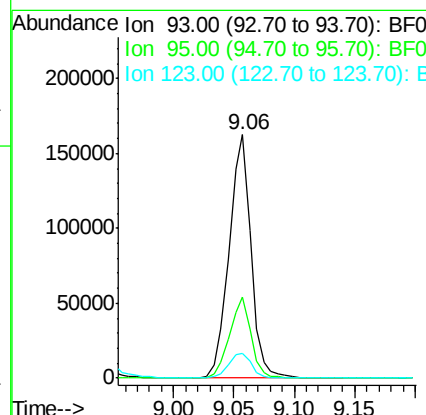
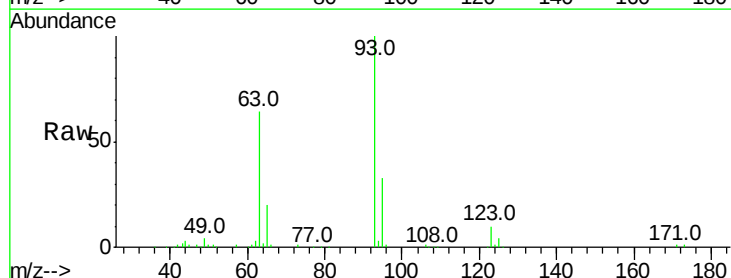
RT: 9.06 min Scan# 1270

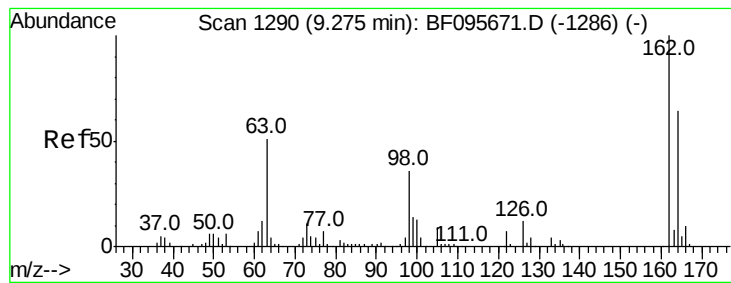
Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Tgt Ion:	93	Resp:	204089
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.5	39.7
123	10.3	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 45.22 ng

RT: 9.23 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

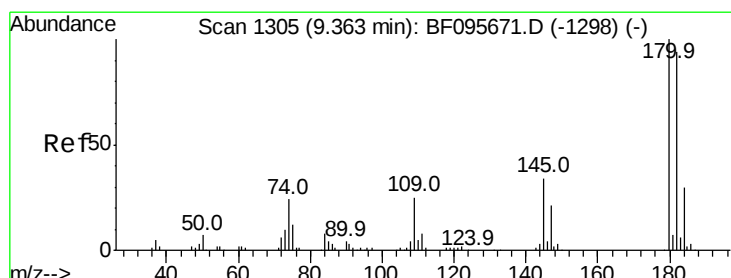
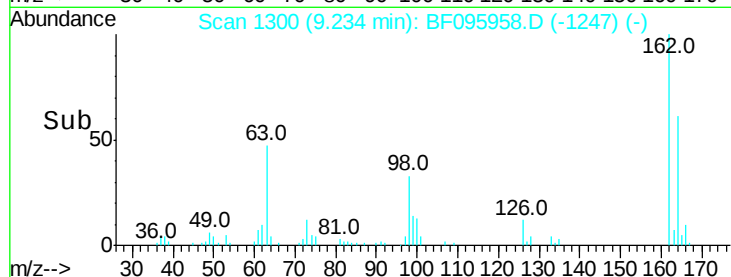
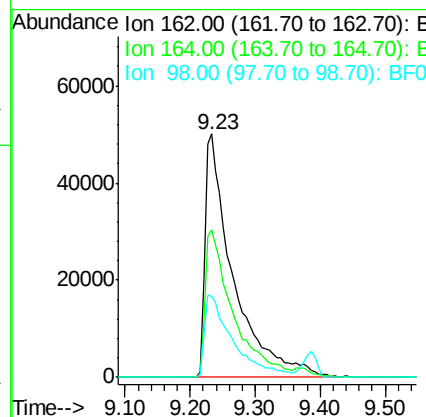
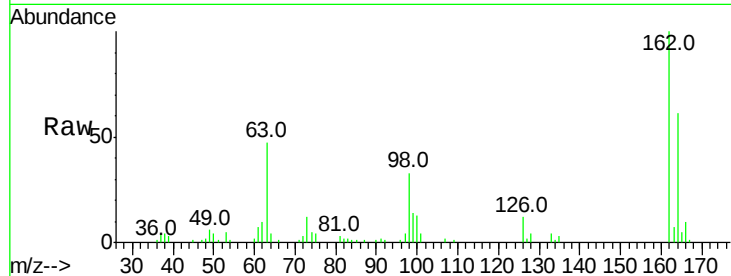
ClientSampleId :

PL-01-061417-AMS

Tot Ion:	162	Resp:	148583
Ion Ratio	Lower	Upper	
162	100		
164	60.8	44.6	84.6
98	33.4	14.8	54.8

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#30

1,2,4-Trichlorobenzene

Concen: 41.86 ng

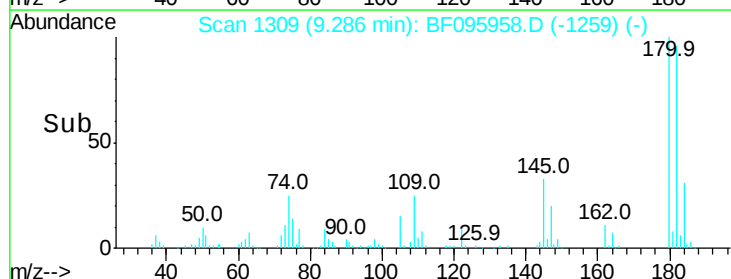
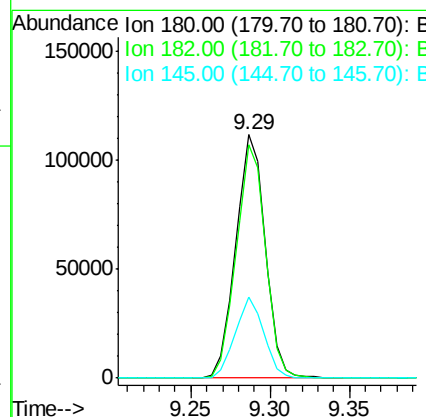
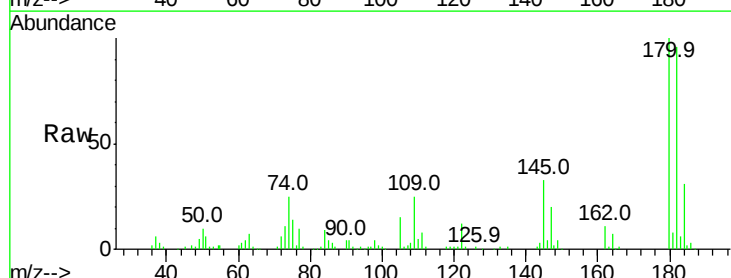
RT: 9.29 min Scan# 1309

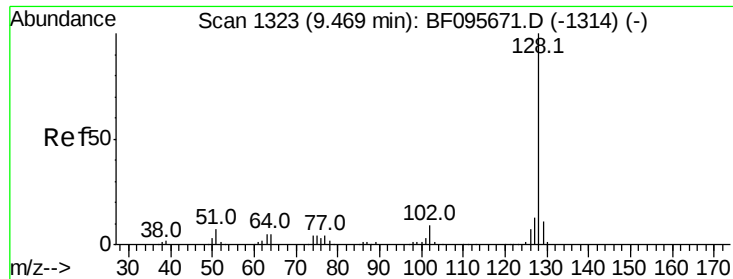
Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Tgt Ion:	180	Resp:	143118
Ion Ratio	Lower	Upper	
180	100		
182	96.0	75.8	113.6
145	33.4	25.3	37.9





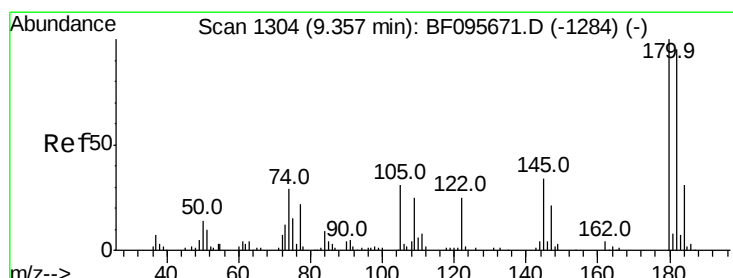
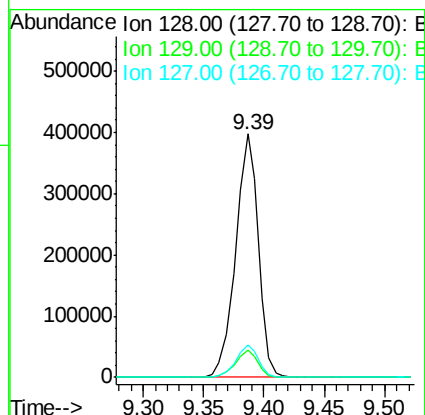
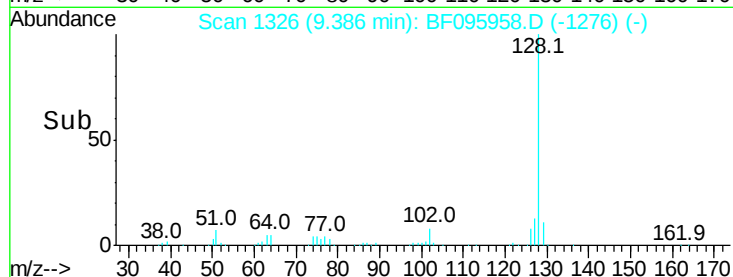
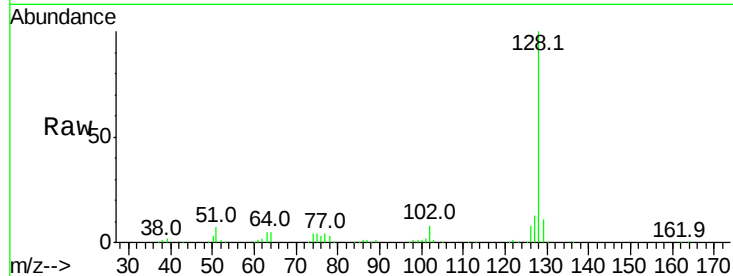
#31
Naphthalene
Concen: 42.57 ng
RT: 9.39 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.4	10.8	16.2

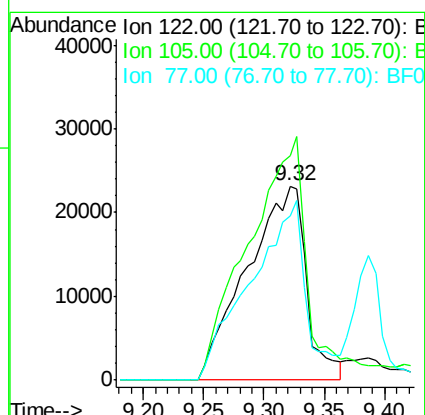
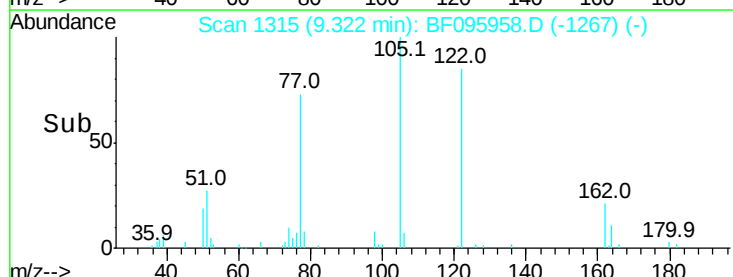
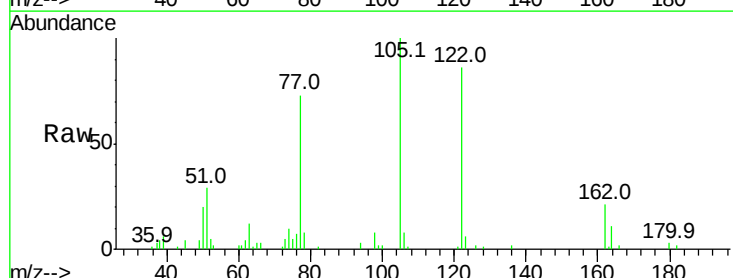
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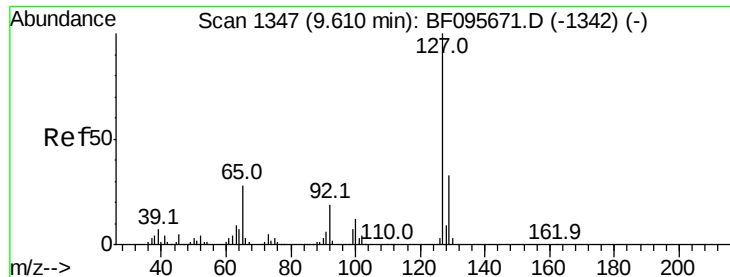
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#32
Benzoic acid
Concen: 38.25 ng
RT: 9.32 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.7	103.3	143.3
77	84.9	73.7	113.7





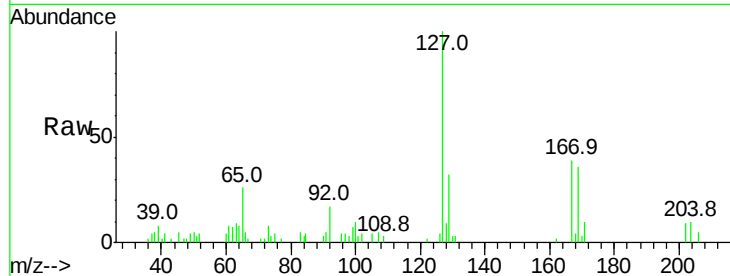
#33
4-Chloroaniline
Concen: 14.23 ng
RT: 9.57 min Scan# 1357
Delta R.T. 0.02 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

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

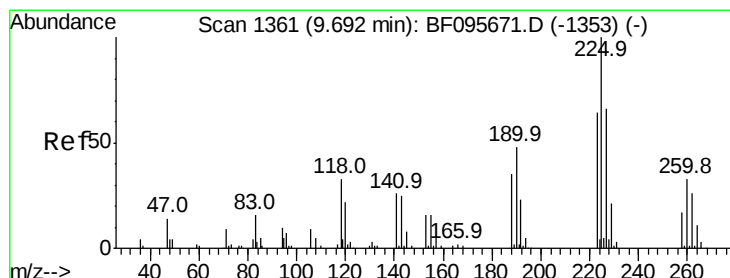
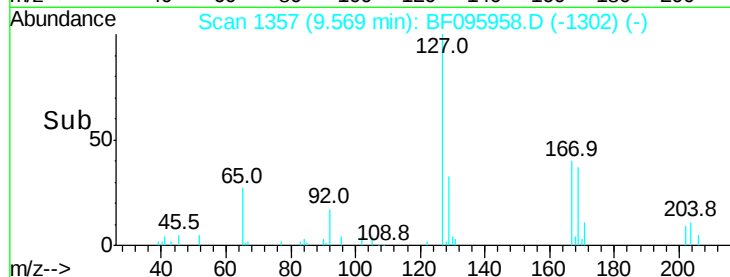
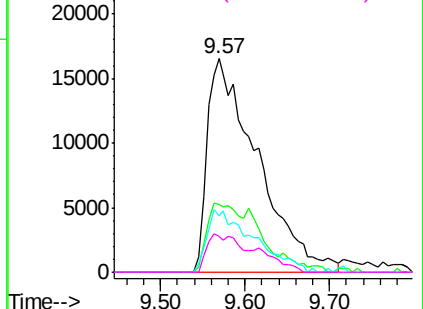
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	26.1	27.8	41.8#
92	16.6	16.8	25.2#

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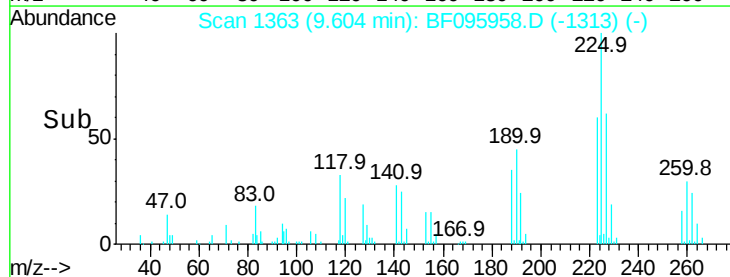
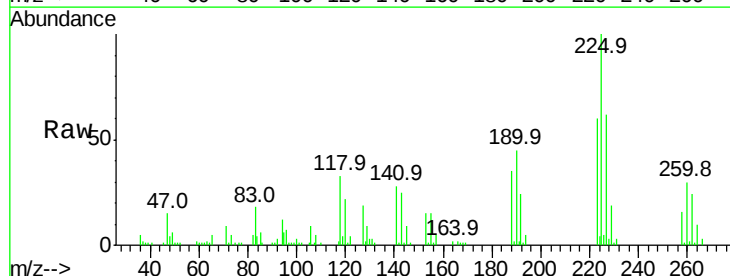
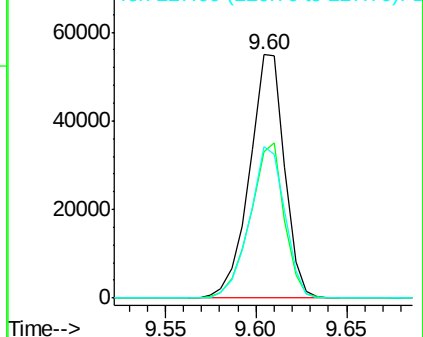
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

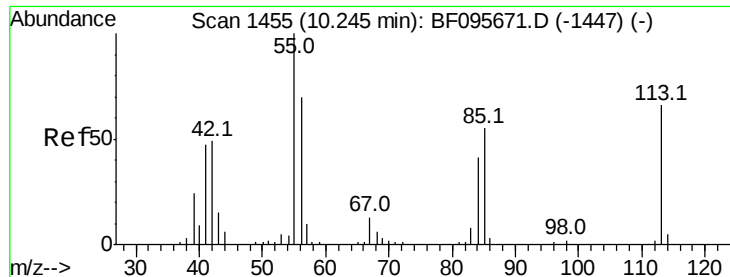


#34
Hexachlorobutadiene
Concen: 41.70 ng
RT: 9.60 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.0	48.8	73.2
227	61.9	51.1	76.7

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





#35

Caprolactam

Concen: 41.59 ng/mL

RT: 10.18 min Scan# 1461

Delta R.T. -0.02 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

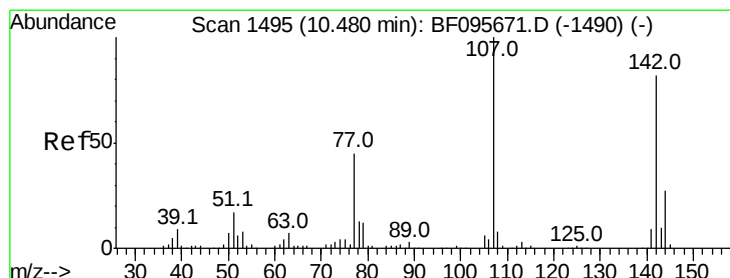
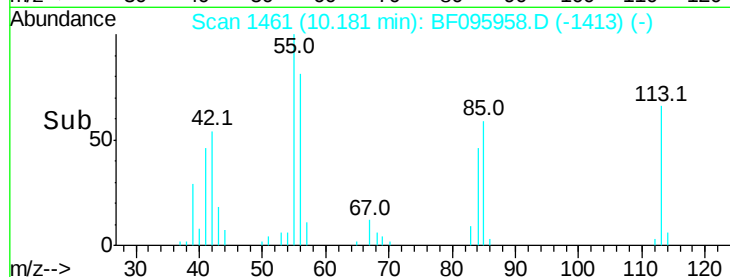
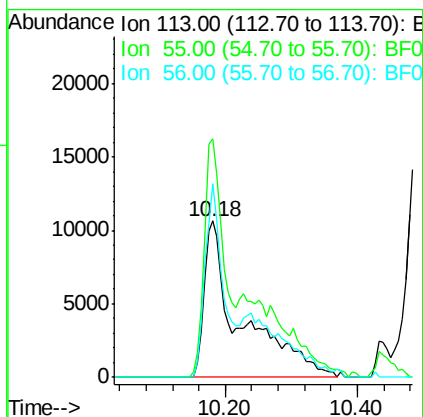
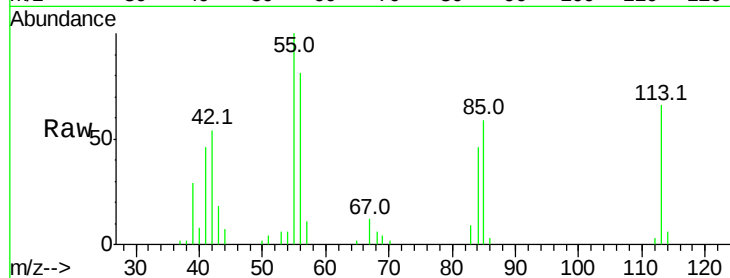
ClientSampleId :

PL-01-061417-AMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.5	150.2	190.2
56	124.1	107.8	147.8

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#36

4-Chloro-3-methylphenol

Concen: 45.34 ng/mL

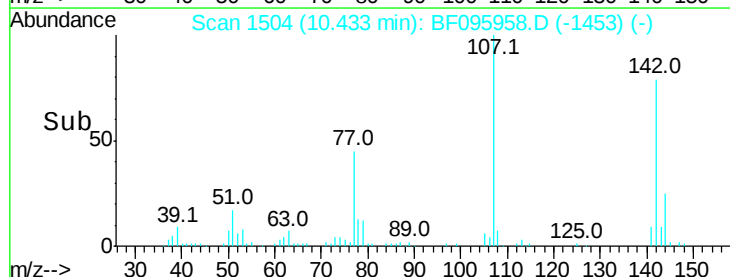
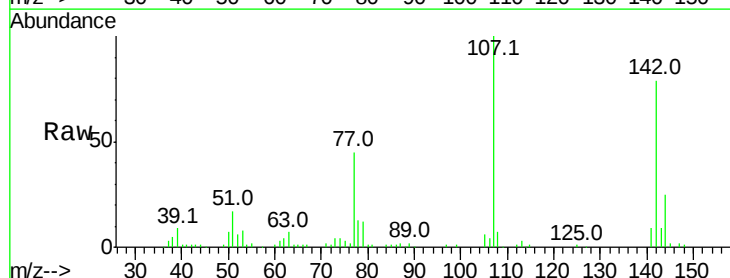
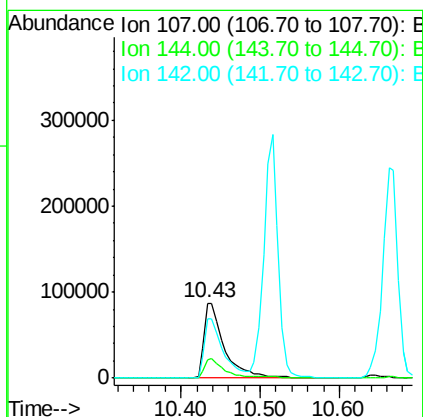
RT: 10.43 min Scan# 1504

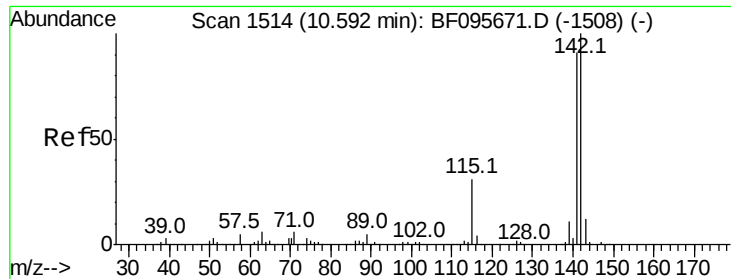
Delta R.T. 0.00 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	24.2	36.4
142	78.7	73.4	110.0





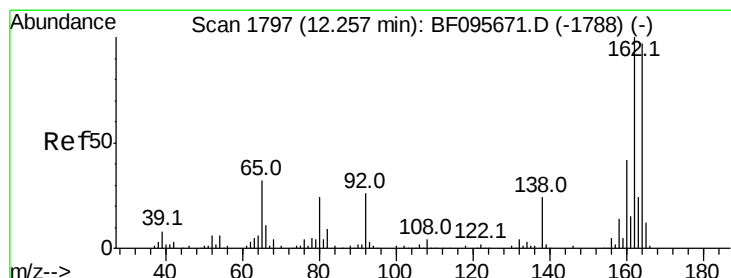
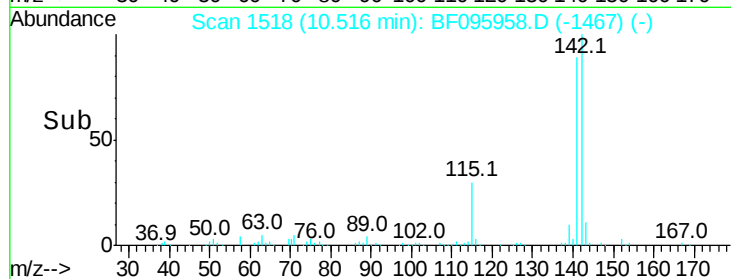
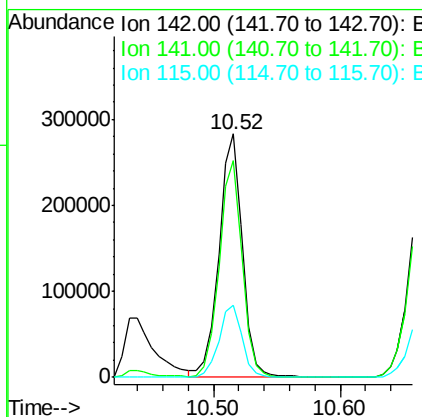
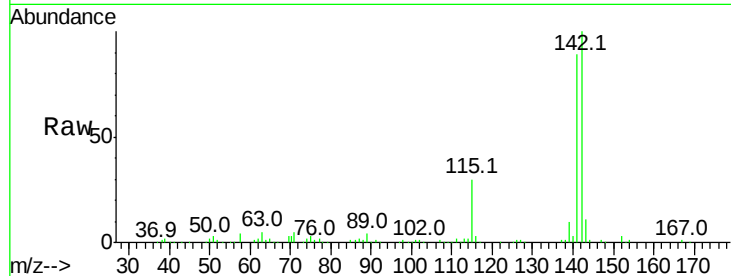
#37
2-Methylnaphthalene
Concen: 43.86 ng
RT: 10.52 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Resp	Lower	Upper
142	100	362980		
141	88.8	71.3	106.9	
115	29.7	27.1	40.7	

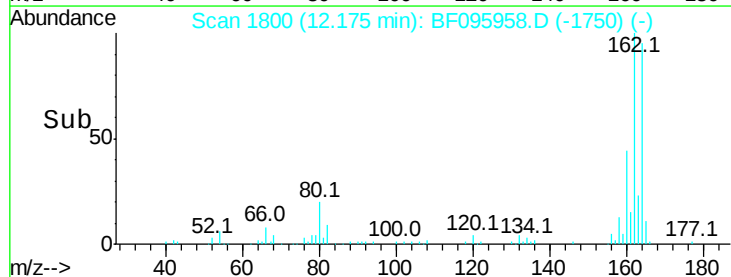
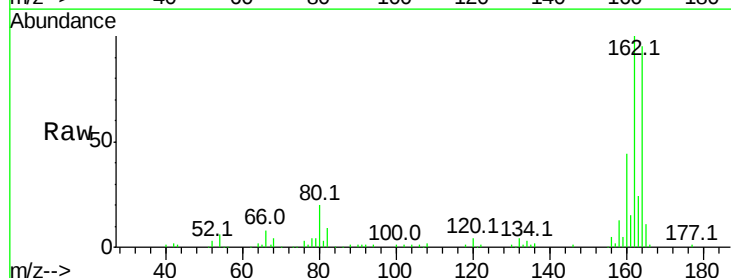
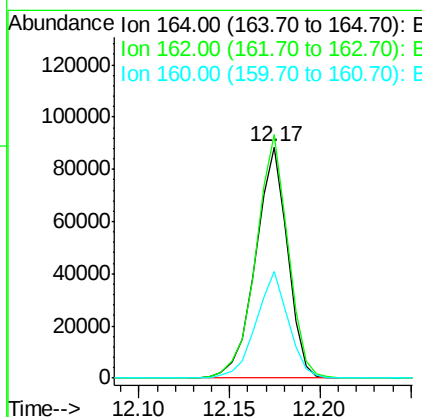
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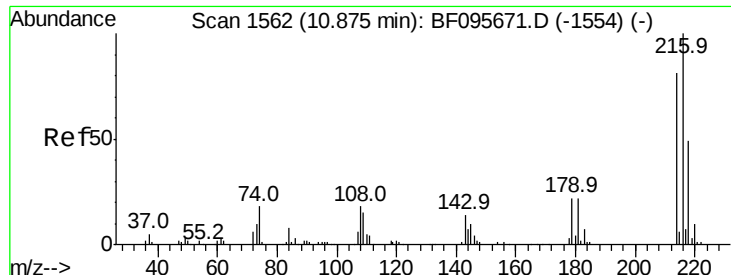
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	108566		
162	105.5	82.6	123.8	
160	45.9	36.2	54.2	





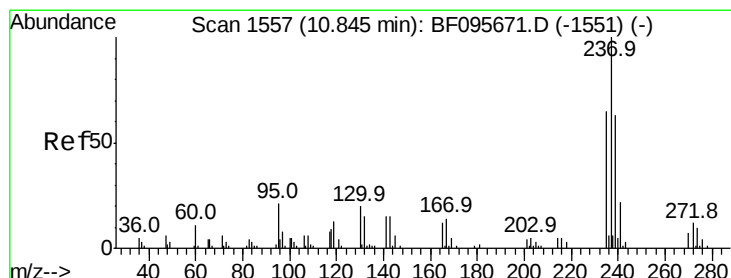
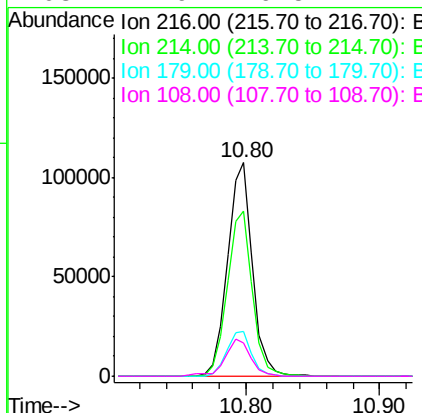
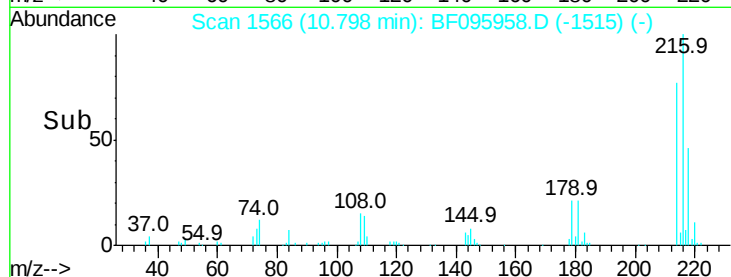
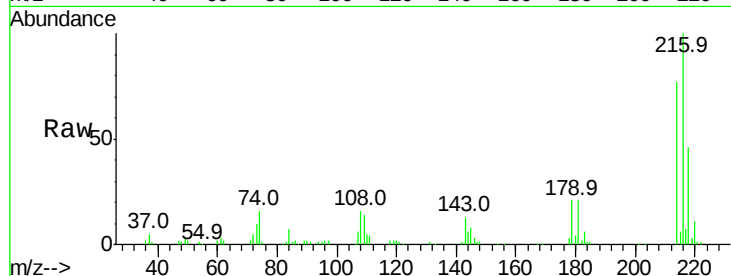
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.11 ng
 RT: 10.80 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Resp	Lower	Upper
216	100	140062		
214	78.0		63.4	95.2
179	21.2		17.9	26.9
108	17.9		16.5	24.7

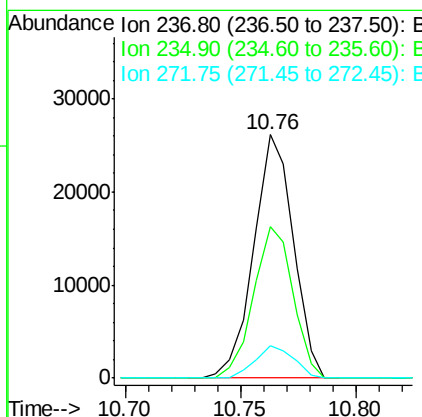
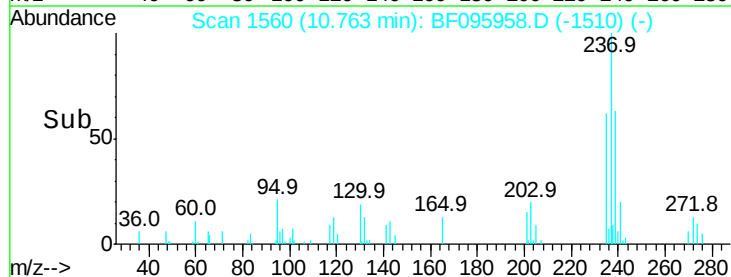
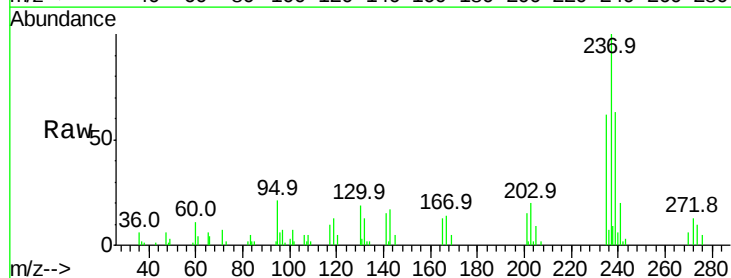
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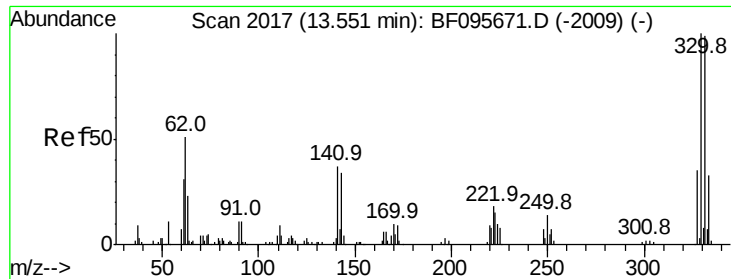
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#40
 Hexachlorocyclopentadiene
 Concen: 37.59 ng
 RT: 10.76 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	31227		
235	62.3		42.6	82.6
272	13.5		0.0	31.9





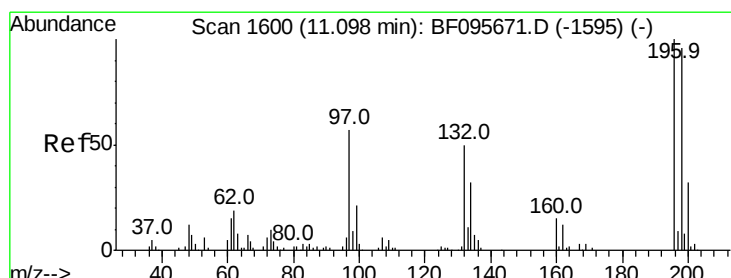
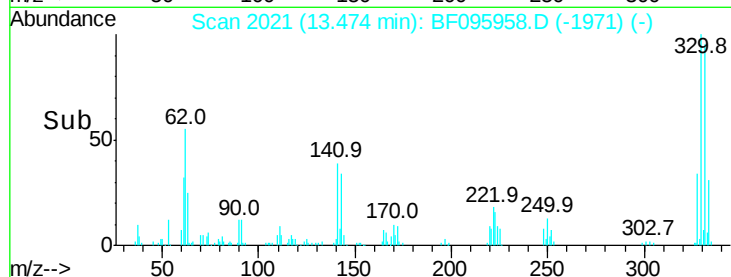
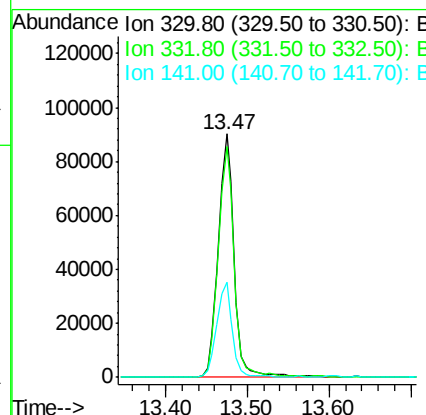
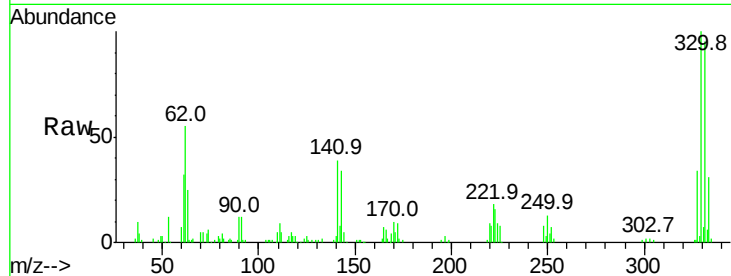
#41
 2,4,6-Tribromophenol
 Concen: 128.69 ng
 RT: 13.47 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	123617		
332	95.2	76.6	115.0	
141	38.1	31.4	47.2	

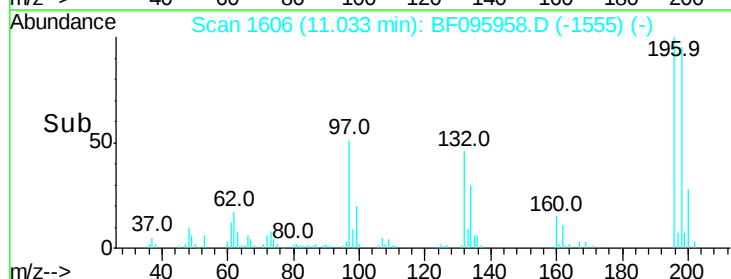
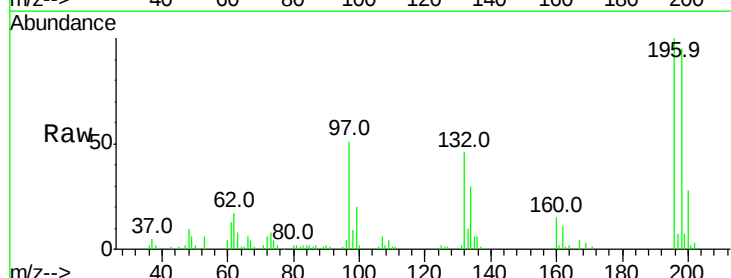
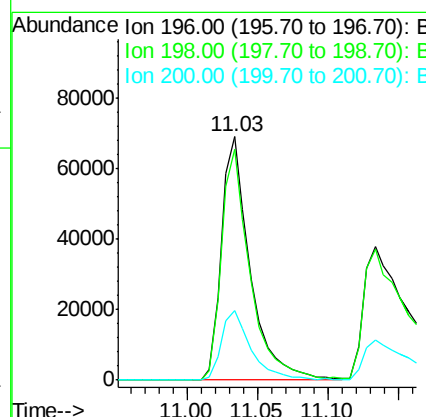
Manual Integrations
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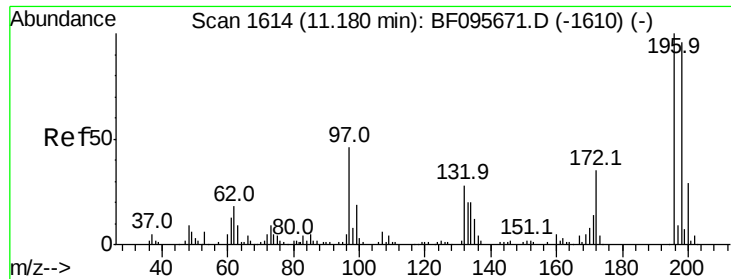
mohammad
 6/19/2017 3:46:53 PM



#42
 2,4,6-Trichlorophenol
 Concen: 46.70 ng
 RT: 11.03 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	97556		
198	94.7	74.2	111.4	
200	28.3	24.0	36.0	





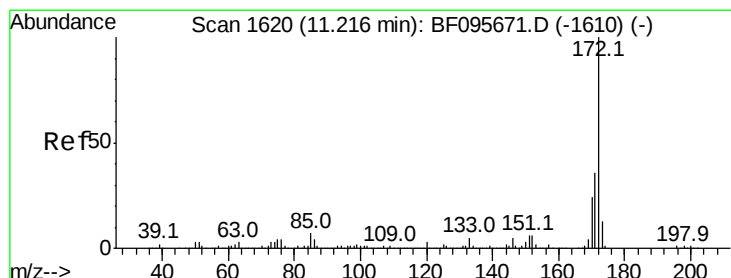
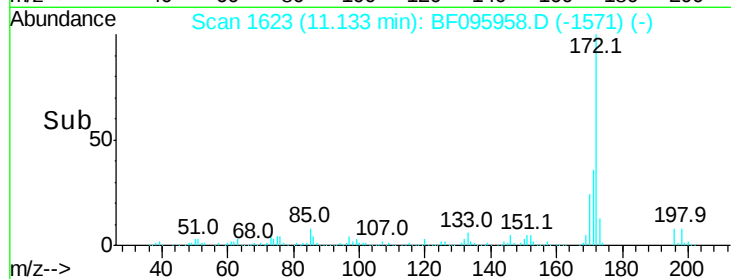
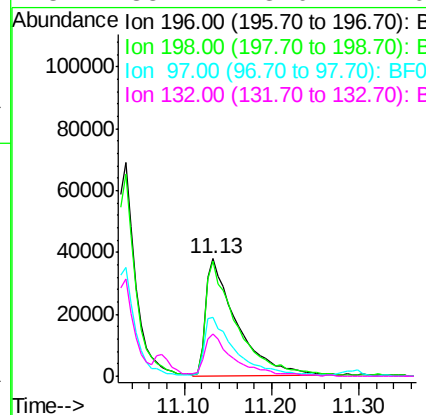
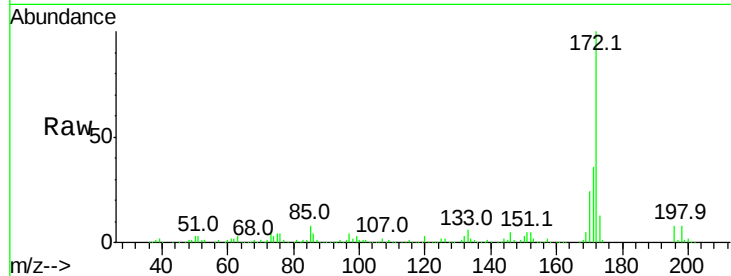
#43
 2,4,5-Trichlorophenol
 Concen: 41.50 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.1	75.7	113.5
97	50.5	47.7	71.5
132	35.7	28.0	42.0

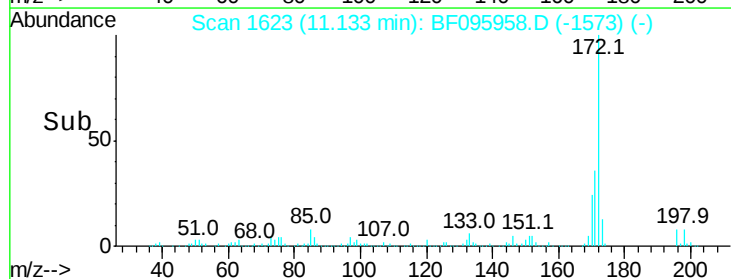
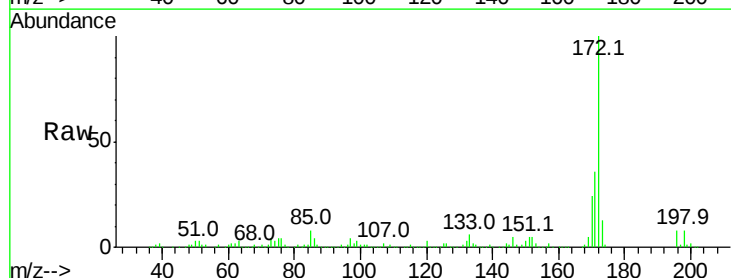
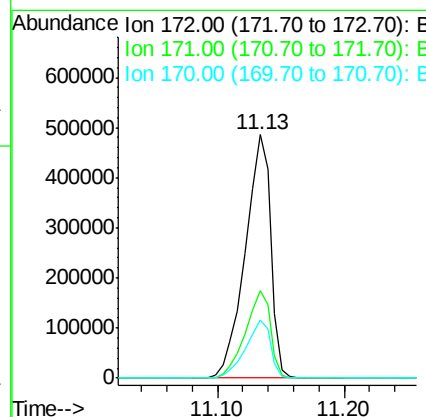
Manual Integrations
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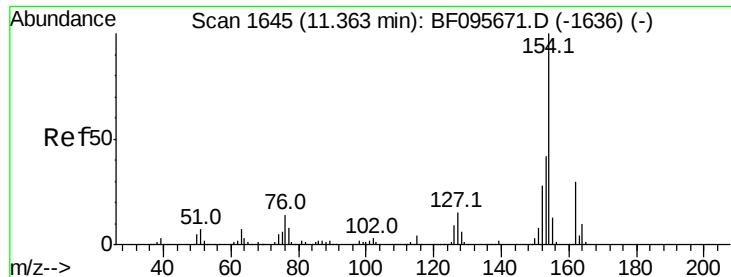
mohammad
 6/19/2017 3:46:53 PM



#44
 2-Fluorobiphenyl
 Concen: 86.78 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.7	19.8	29.8





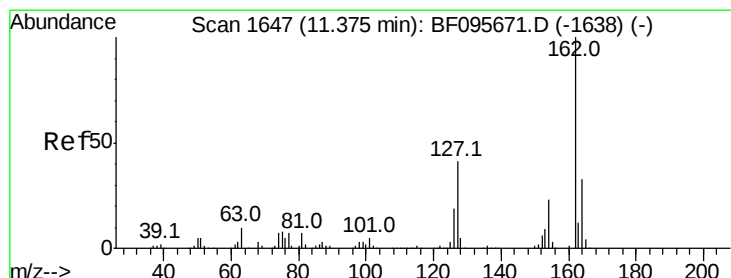
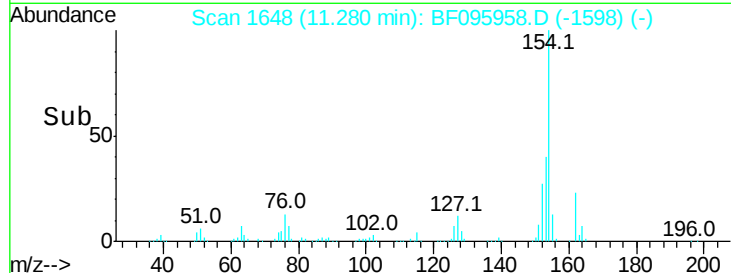
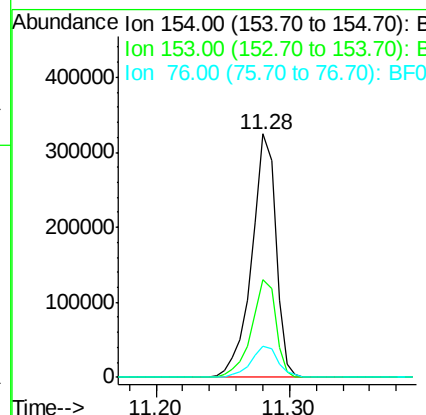
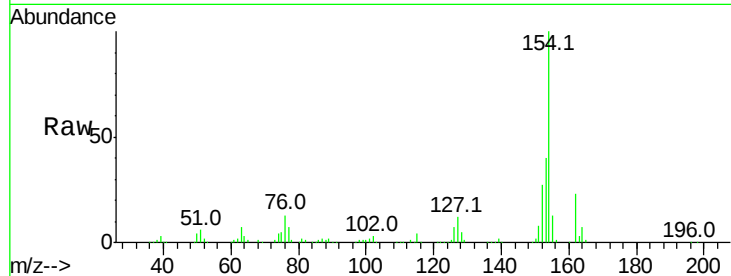
#45
 1,1'-Biphenyl
 Concen: 44.71 ng
 RT: 11.28 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.2	61.2
76	12.9	0.0	29.9

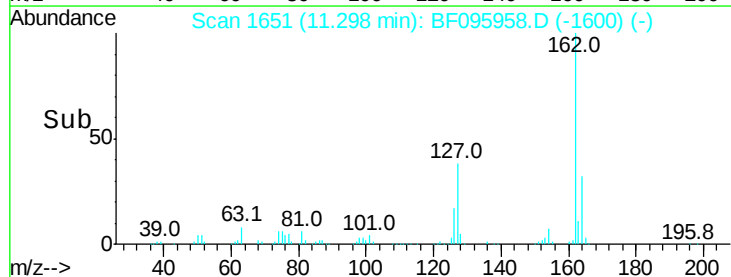
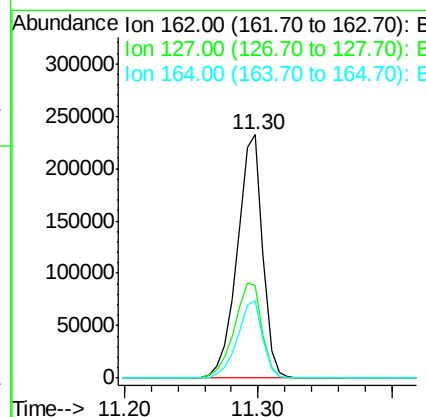
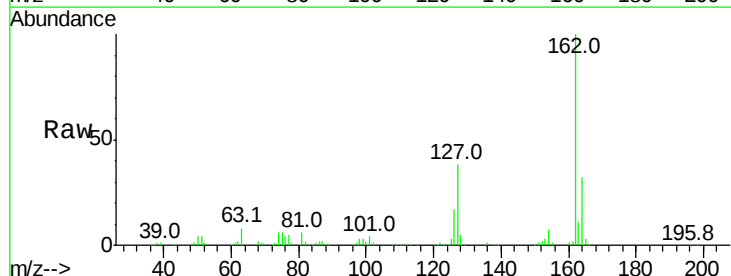
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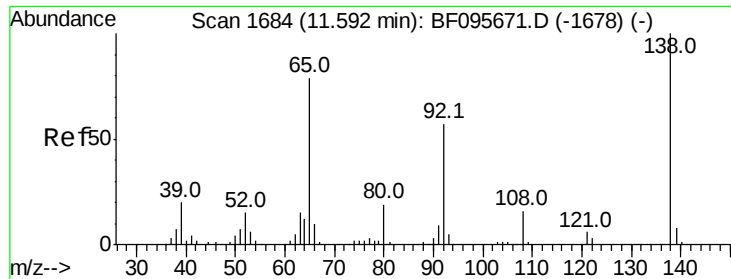
mohammad
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#46
 2-Chloronaphthalene
 Concen: 44.04 ng
 RT: 11.30 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	28.3	42.5
164	31.6	27.0	40.4





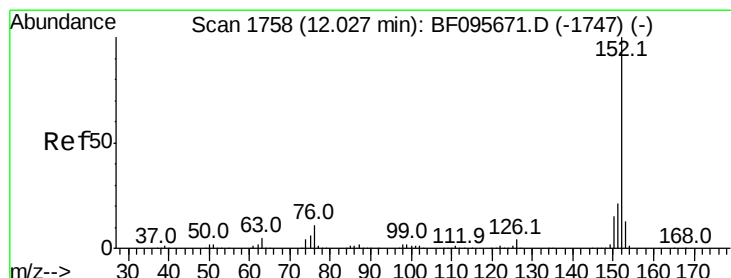
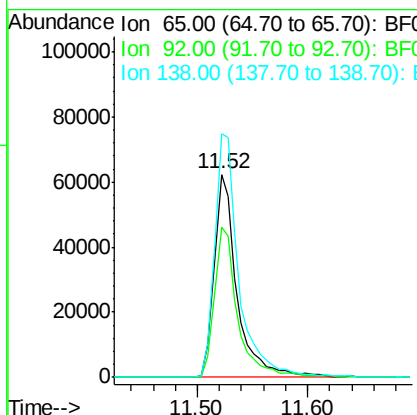
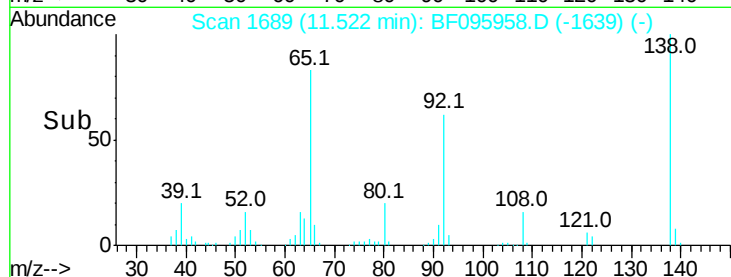
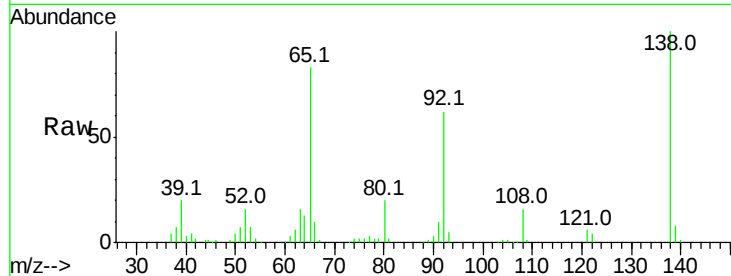
#47
 2-Nitroaniline
 Concen: 43.50 ng
 RT: 11.52 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.9	53.9	80.9
138	119.8	78.8	118.2

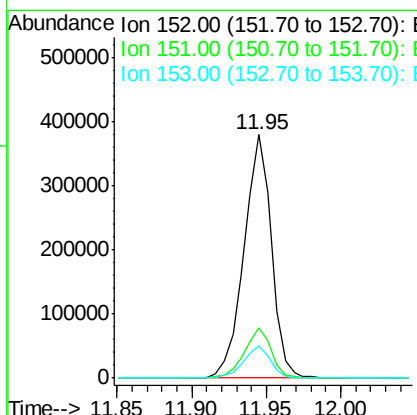
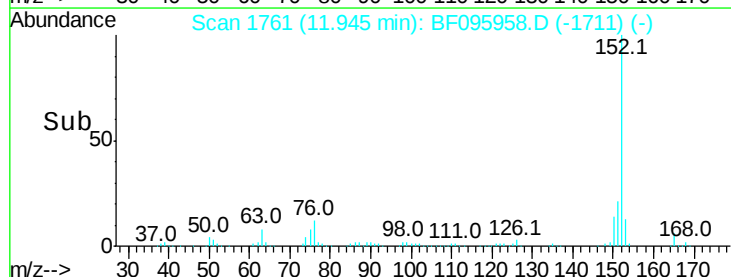
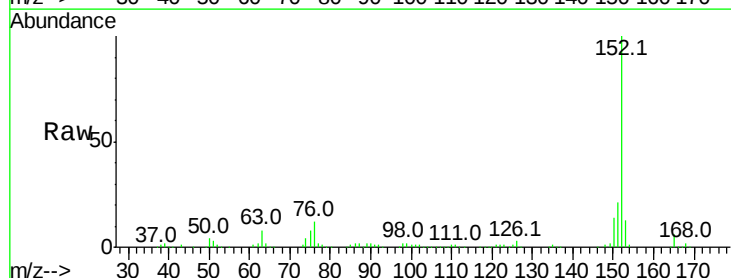
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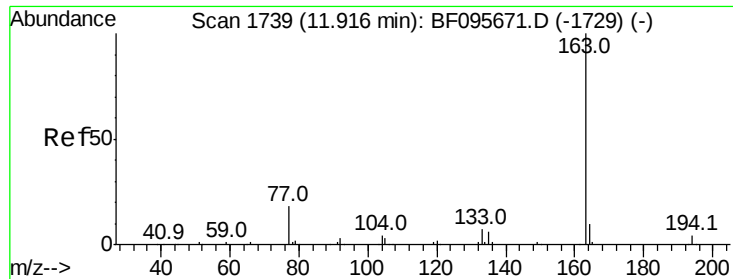
mohammad
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#48
 Acenaphthylene
 Concen: 40.29 ng
 RT: 11.95 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.1	10.8	16.2





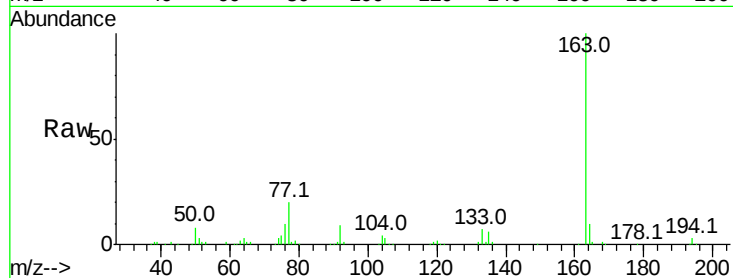
#49
Dimethylphthalate
Concen: 45.00 ng
RT: 11.84 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

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

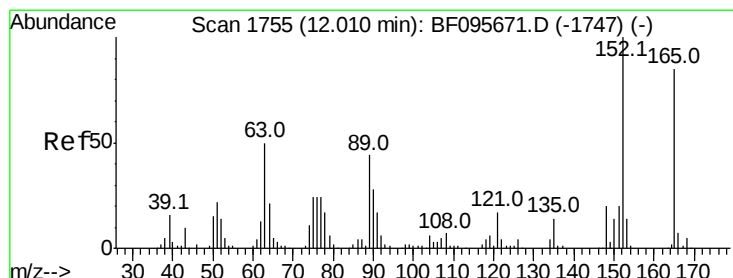
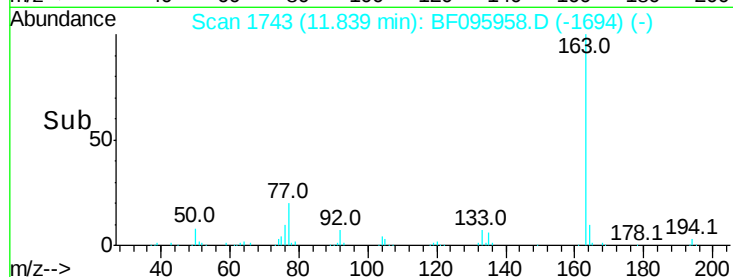
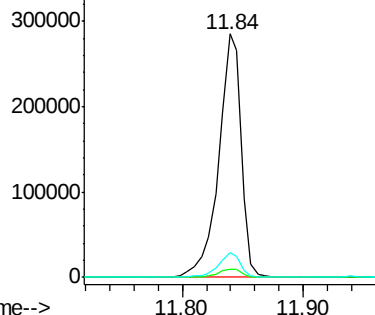
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.1	2.6	4.0	
164	10.1	8.4	12.6	

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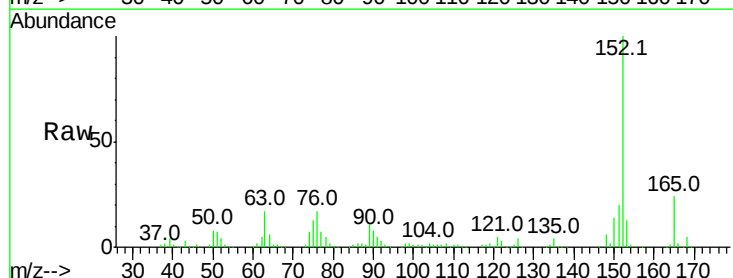


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

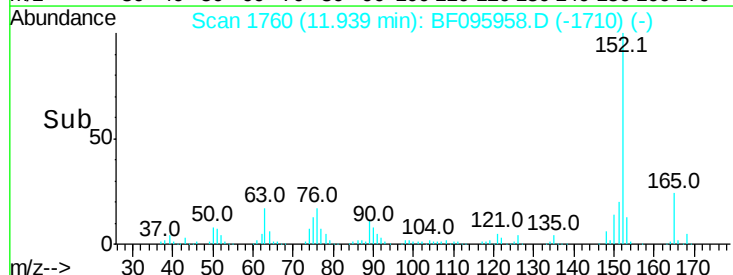
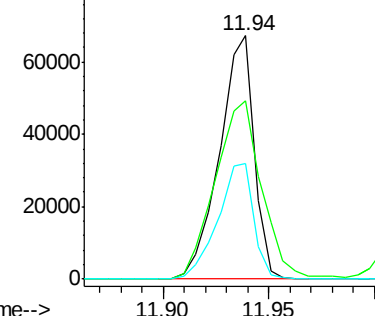


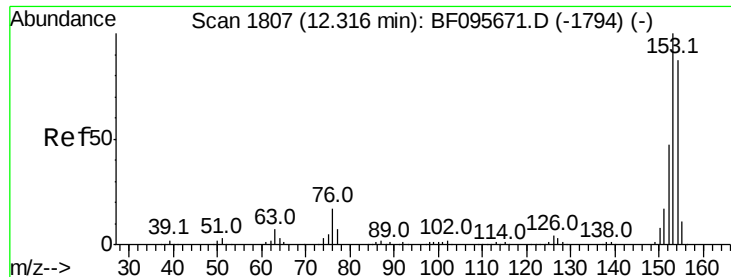
#50
2,6-Dinitrotoluene
Concen: 42.72 ng
RT: 11.94 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	73.1	34.3	51.5#	
89	47.5	37.1	55.7	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.84 ng

RT: 12.23 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

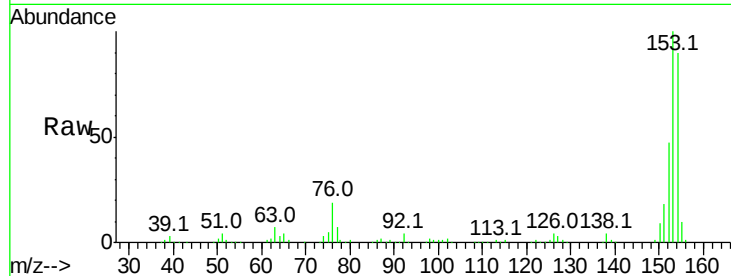
ClientSampleId :

PL-01-061417-AMS

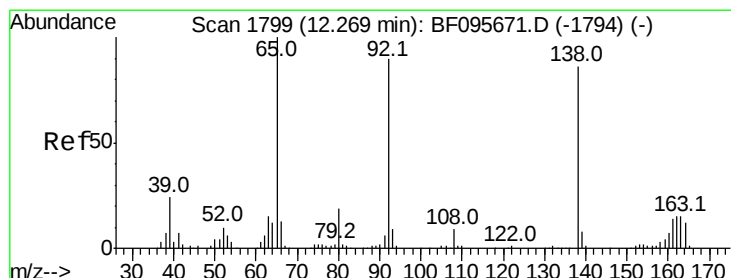
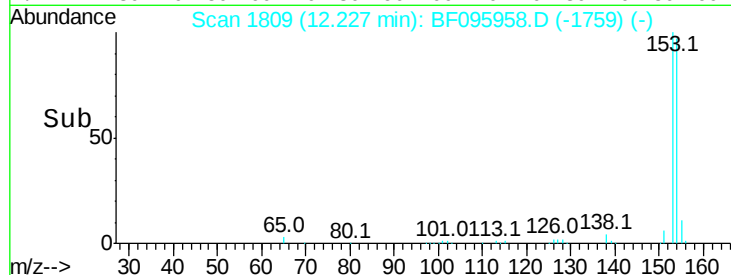
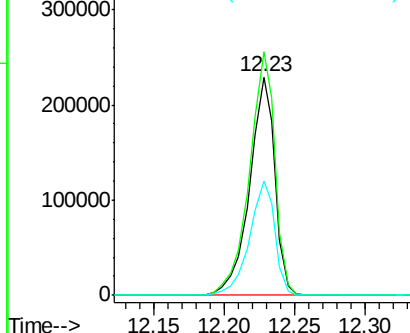
Tot Ion:	154	Resp:	288899
Ion Ratio	Lower	Upper	
154	100		
153	111.6	90.5	135.7
152	52.6	43.6	65.4

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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: 22.92 ng

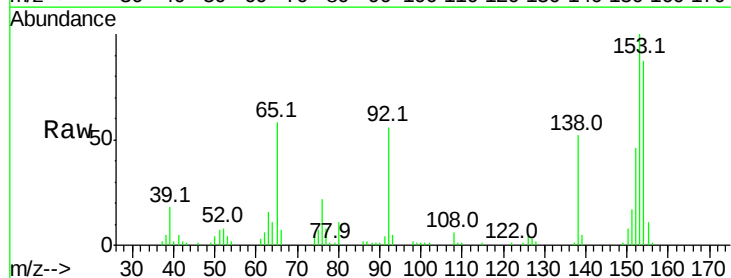
RT: 12.21 min Scan# 1806

Delta R.T. 0.00 min

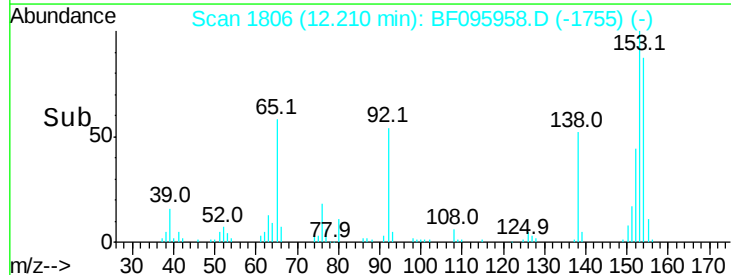
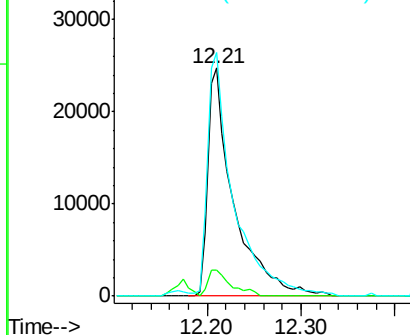
Lab File: BF095958.D

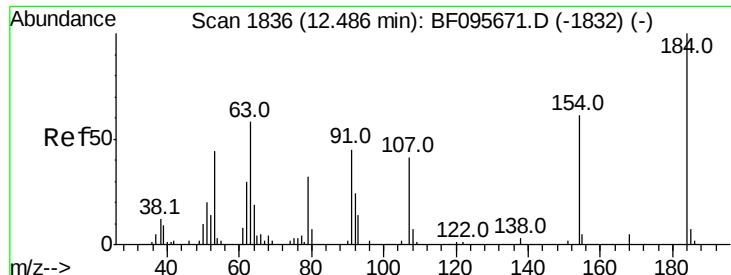
Acq: 16 Jun 2017 16:32

Tgt Ion:	138	Resp:	48013
Ion Ratio	Lower	Upper	
138	100		
108	11.4	9.1	13.7
92	106.8	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





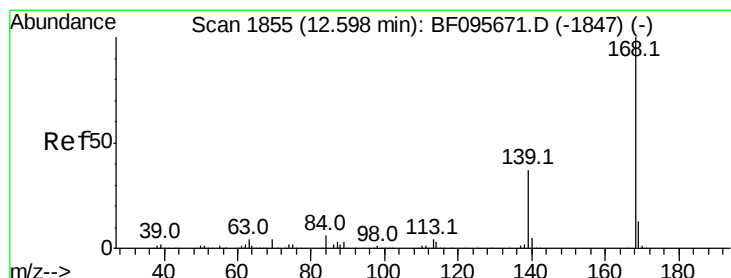
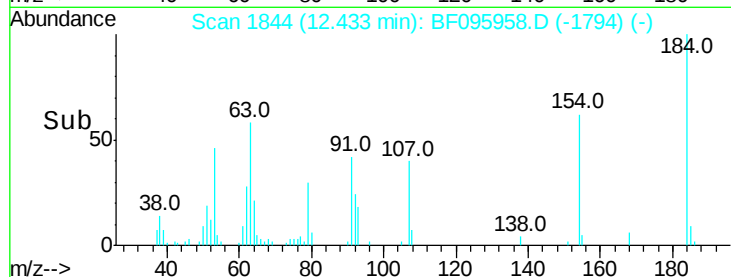
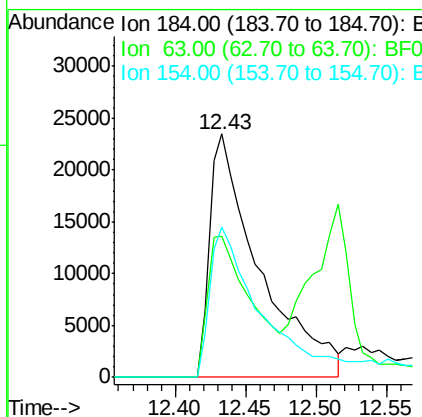
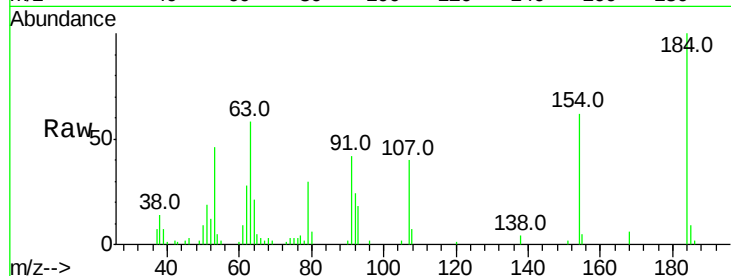
#53
 2,4-Dinitrophenol
 Concen: 58.37 ng
 RT: 12.43 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.8	62.7	94.1#
154	61.5	81.1	121.7#

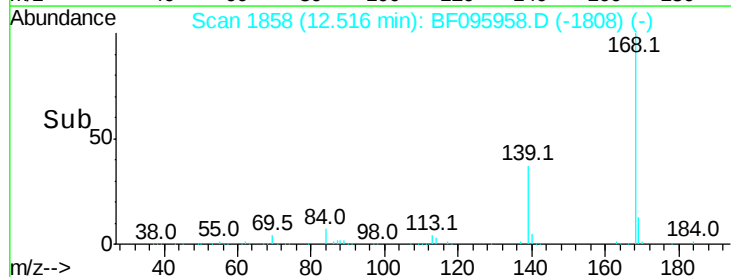
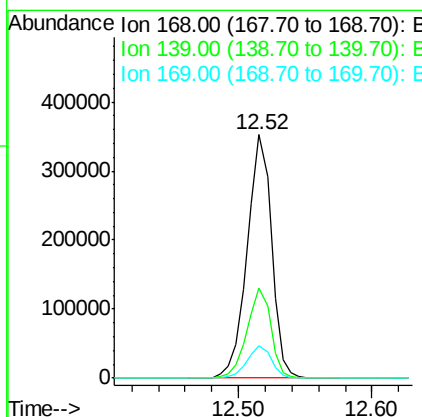
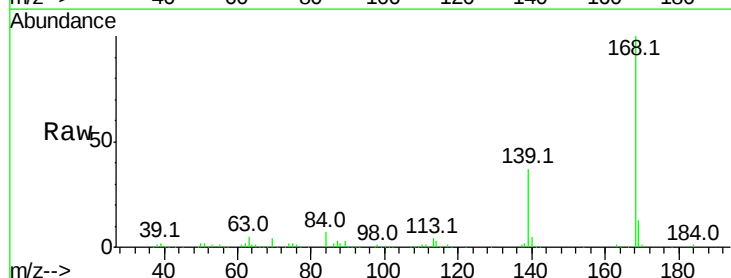
Manual Integrations
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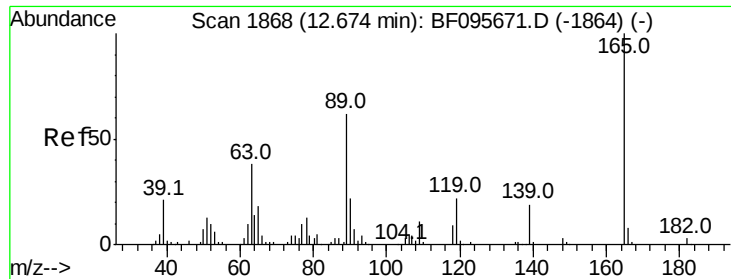
mohammad
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#54
 Dibenzofuran
 Concen: 45.58 ng
 RT: 12.52 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.6	45.8
169	13.4	10.8	16.2





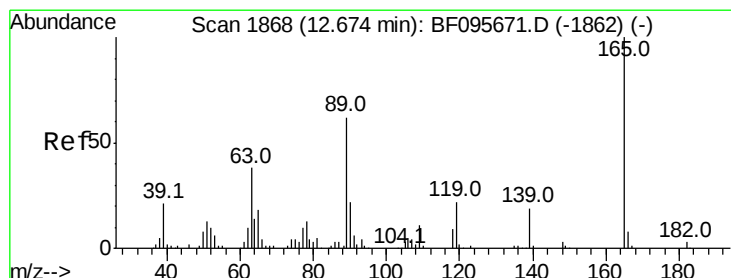
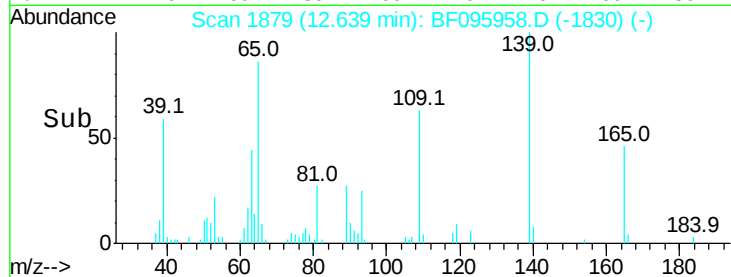
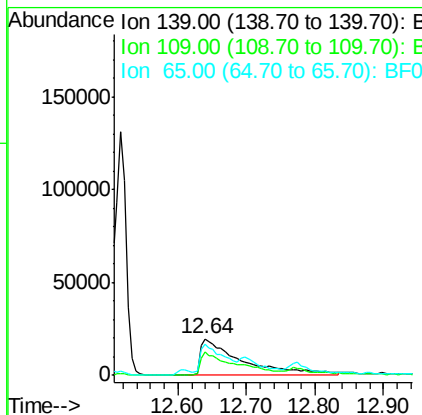
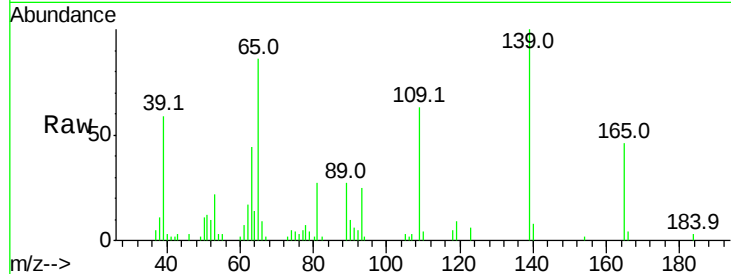
#55
4-Nitrophenol
Concen: 68.48 ng
RT: 12.64 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	63.1	34.1	74.1	
65	86.1	31.4	71.4	

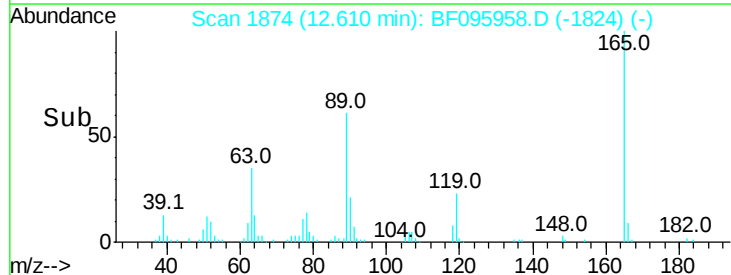
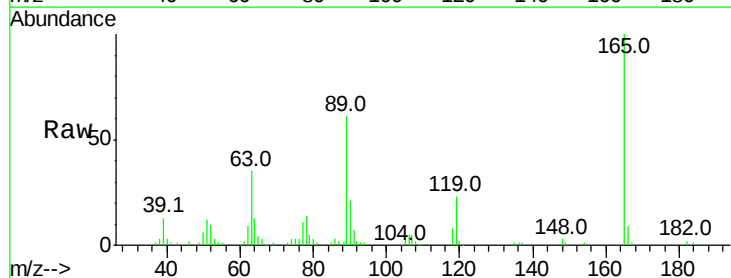
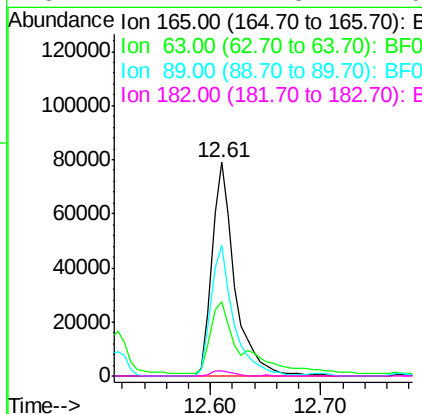
Manual Integrations
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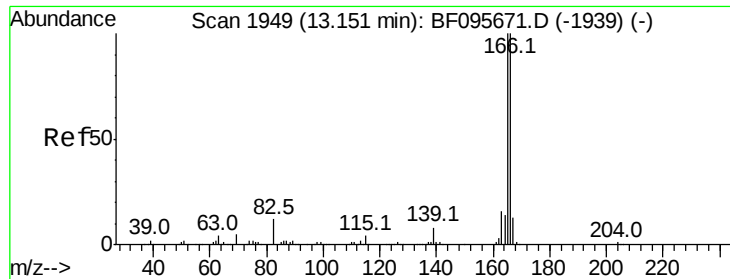
mohammad
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#56
2,4-Dinitrotoluene
Concen: 45.91 ng
RT: 12.61 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	34.9	25.4	38.0	
89	61.3	46.4	69.6	
182	2.4	1.8	2.6	





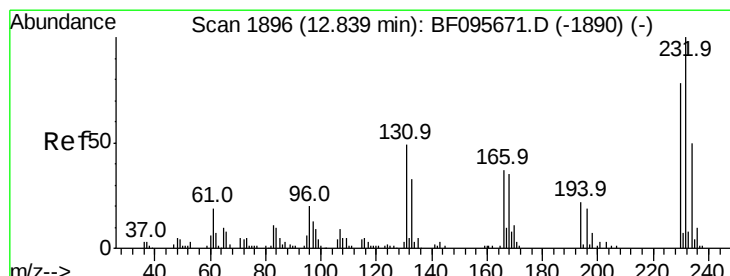
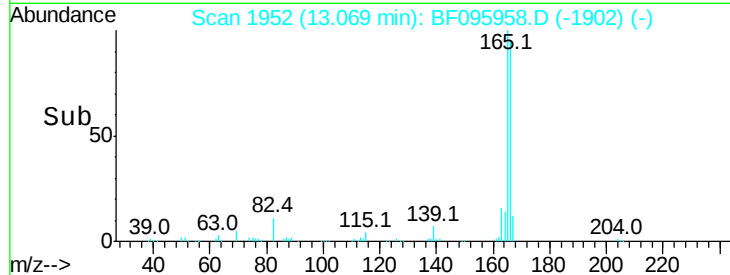
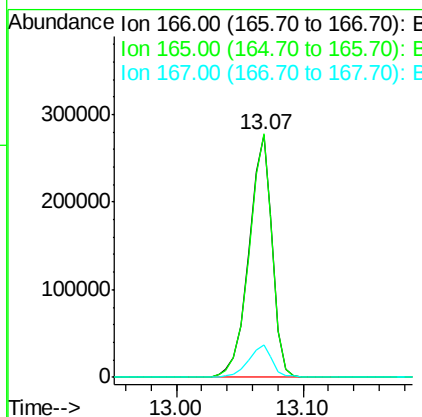
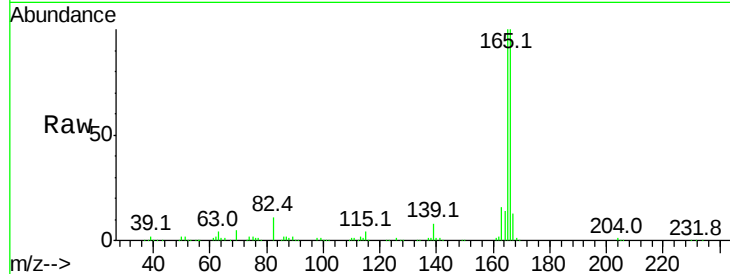
#57
 Fluorene
 Concen: 41.72 ng
 RT: 13.07 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.8	118.2
167	13.1	10.6	16.0

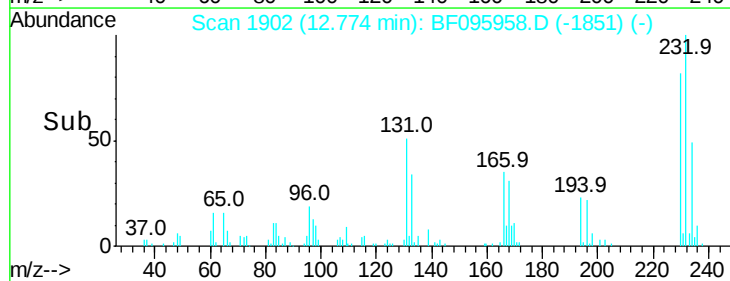
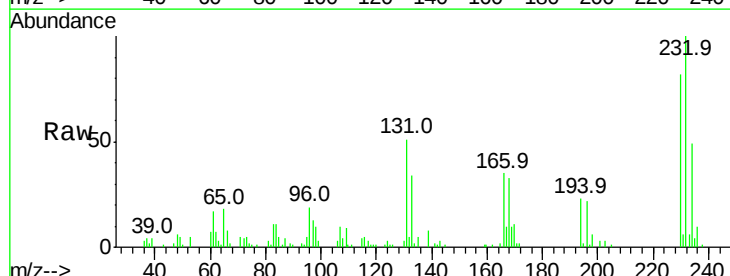
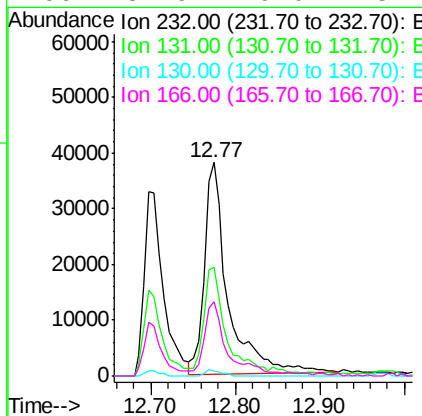
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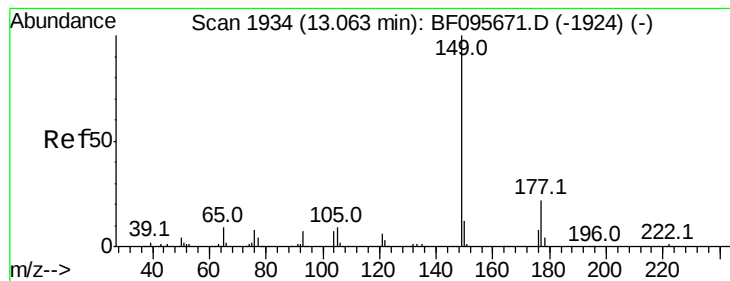
mohammad
 6/19/2017 3:46:53 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.36 ng
 RT: 12.77 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.6	44.8	67.2
130	1.9	2.3	3.5
166	32.9	29.0	43.4





#59

Diethylphthalate

Concen: 45.36 ng

RT: 12.99 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

ClientSampleId :

PL-01-061417-AMS

Tot Ion:149 Resp: 359876

Ion Ratio Lower Upper

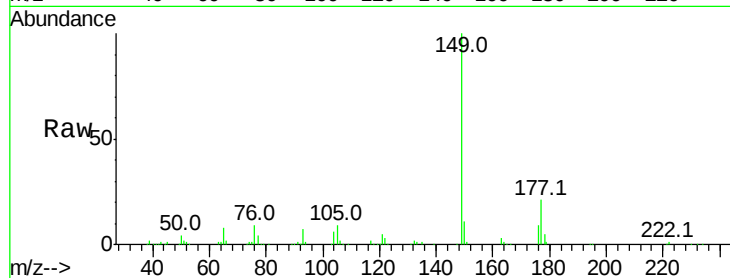
149 100

177 21.0 16.7 25.1

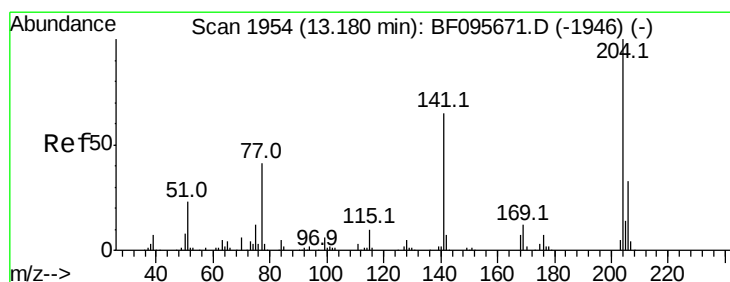
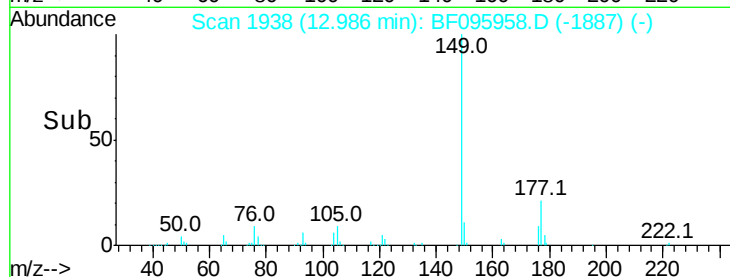
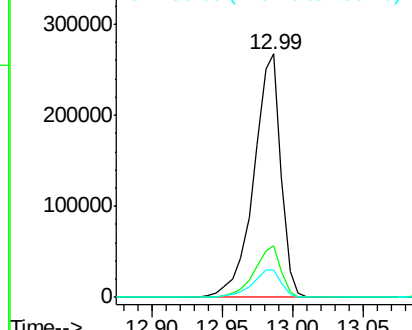
150 11.4 10.2 15.2

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



#60

4-Chlorophenyl-phenylether

Concen: 42.96 ng

RT: 13.10 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

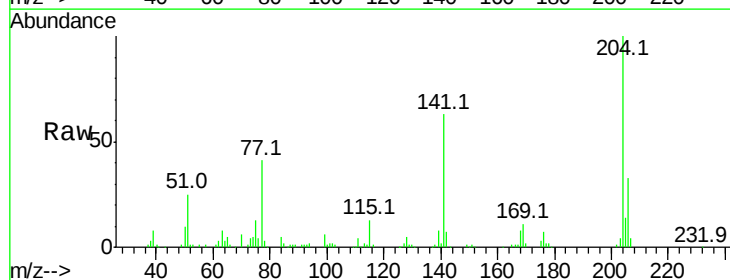
Tgt Ion:204 Resp: 157976

Ion Ratio Lower Upper

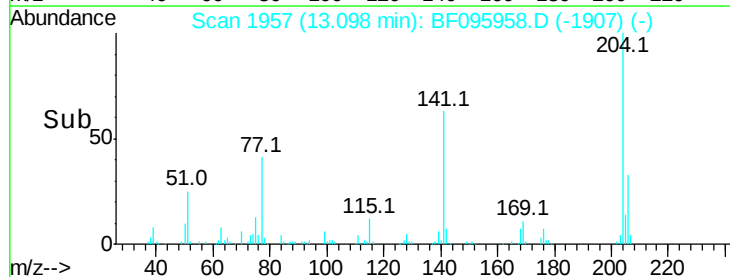
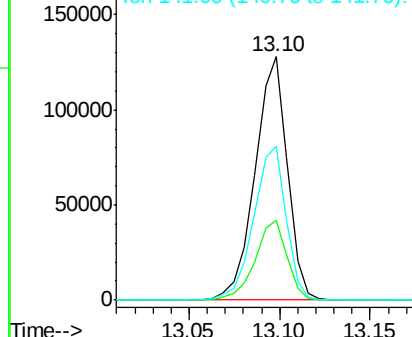
204 100

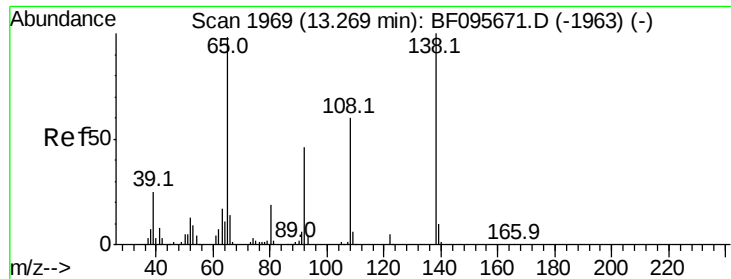
206 32.5 26.2 39.2

141 63.2 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





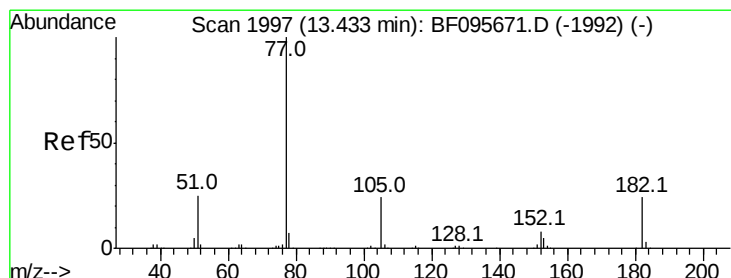
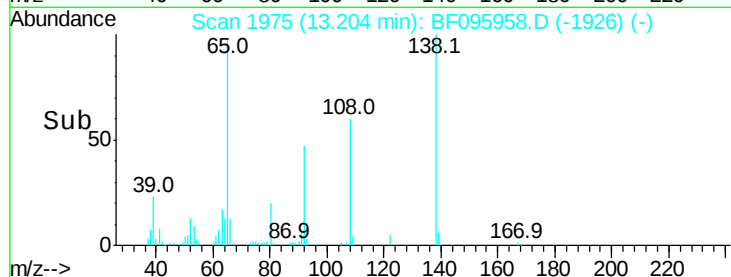
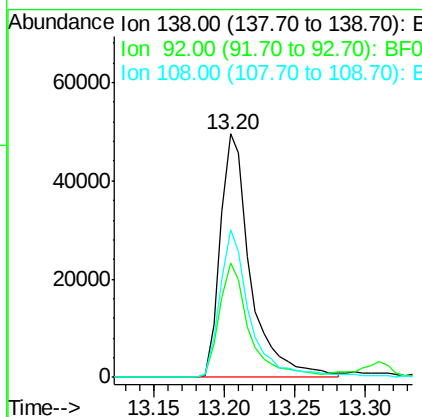
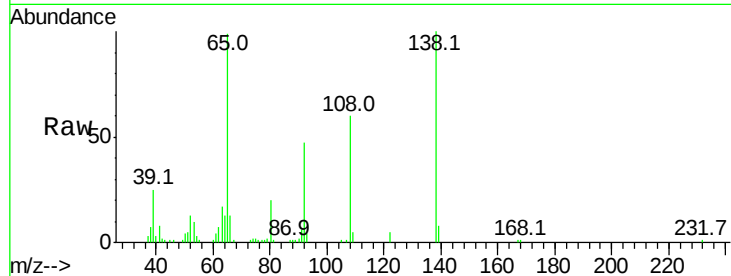
#61
4-Nitroaniline
Concen: 37.84 ng
RT: 13.20 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.0	21.8	61.8
108	60.4	42.3	82.3

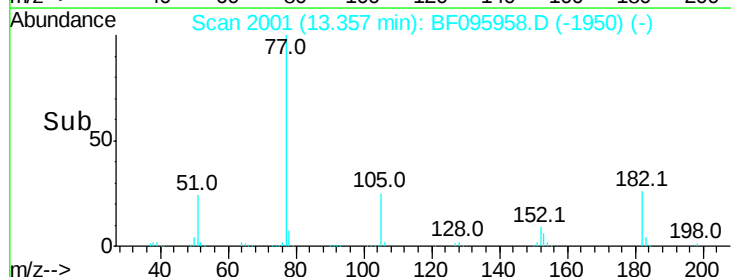
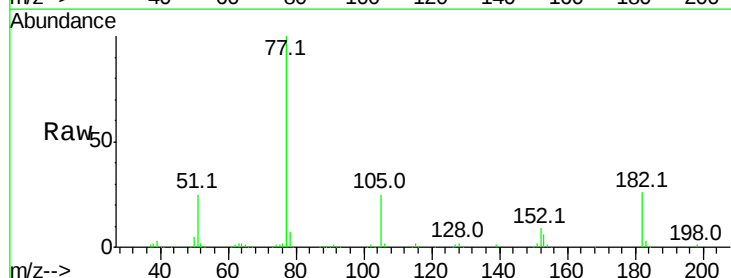
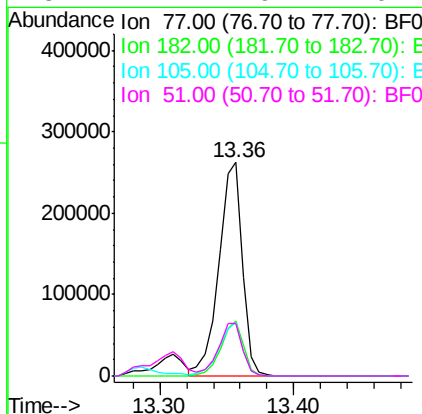
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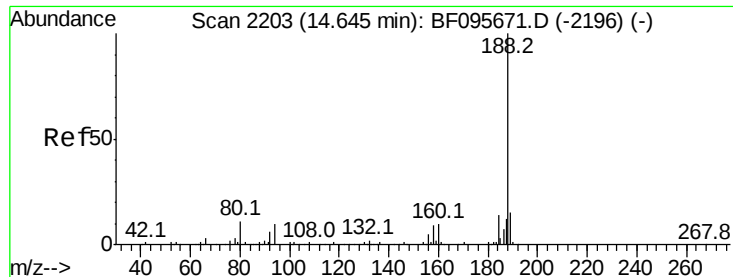
mohammad
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#62
Azobenzene
Concen: 45.39 ng
RT: 13.36 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	0.1	40.1
105	25.3	3.6	43.6
51	24.7	9.4	49.4





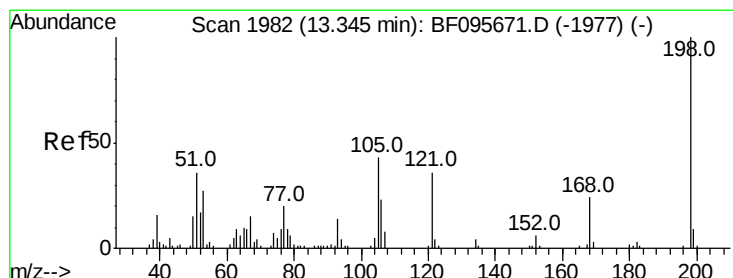
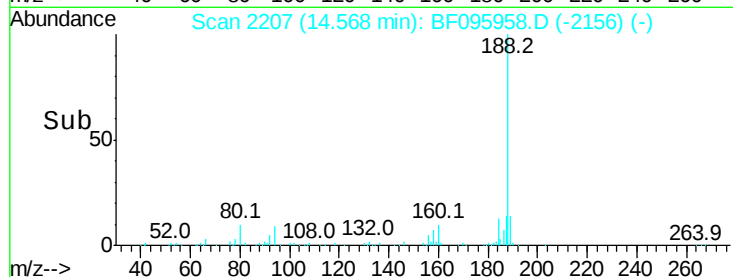
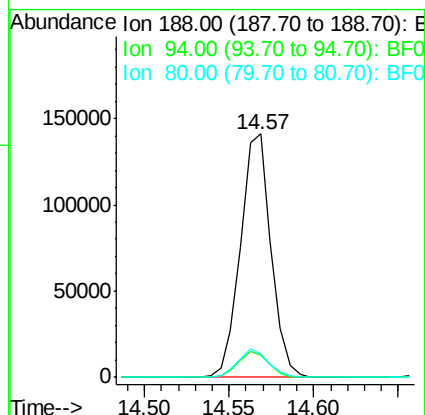
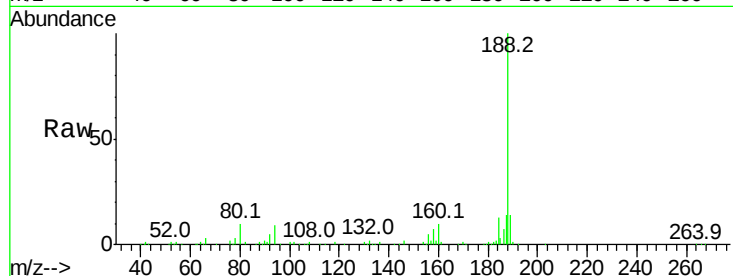
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.1	9.4	14.2#
80	9.8	10.2	15.2#

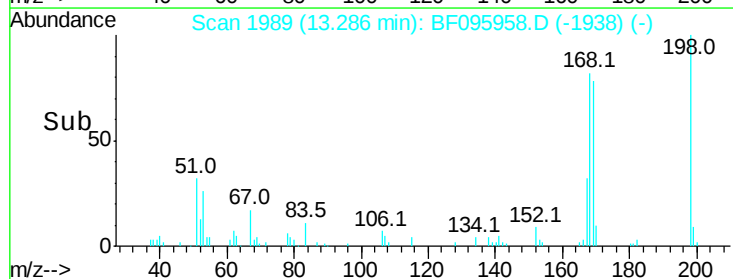
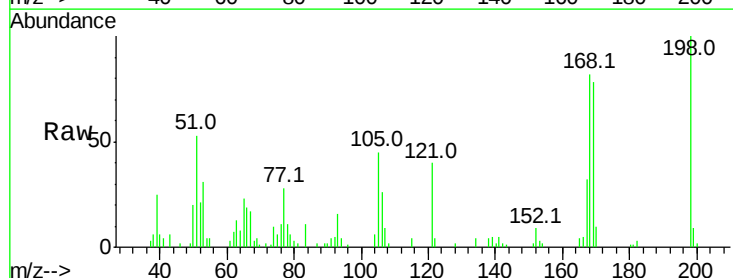
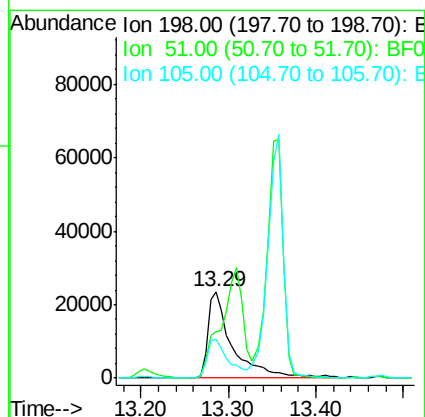
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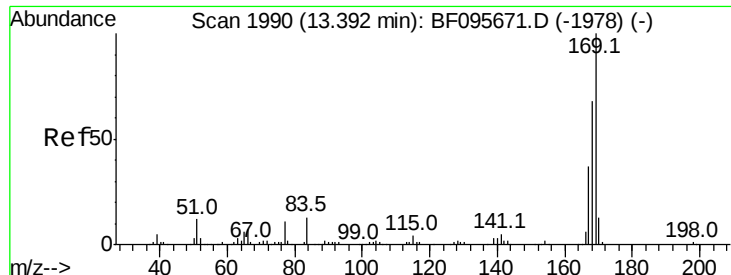
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.03 ng
RT: 13.29 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	53.4	53.2	93.2
105	44.9	45.8	85.8#





#65

n-Nitrosodiphenylamine

Concen: 47.72 ng

RT: 13.31 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

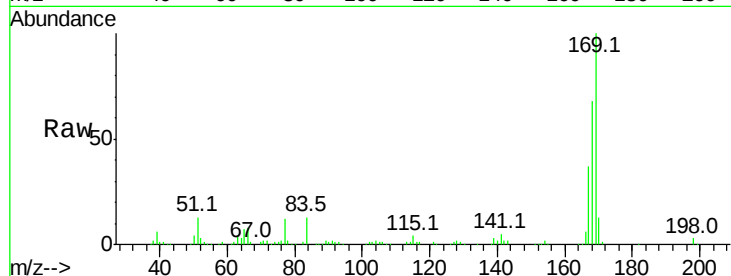
ClientSampleId :

PL-01-061417-AMS

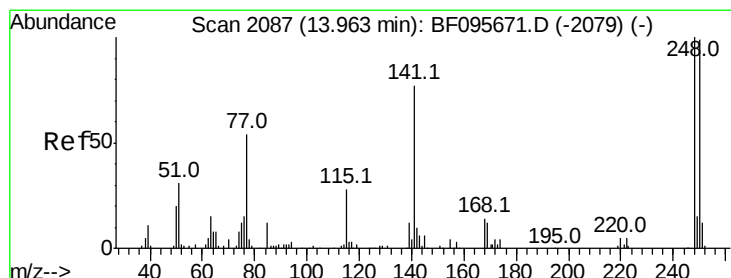
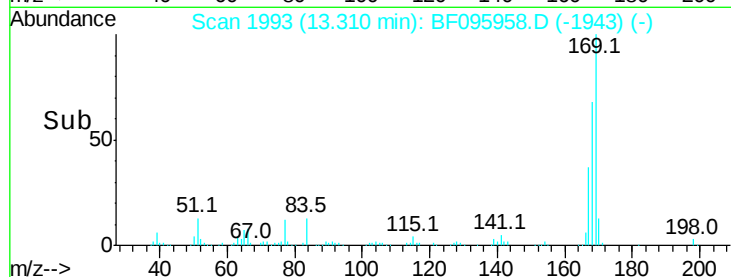
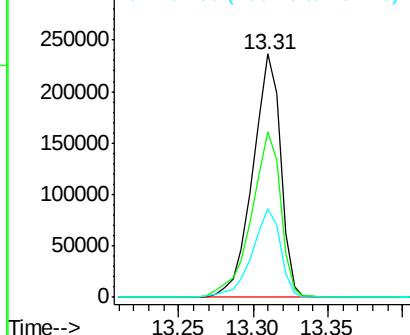
Tot Ion:	169	Resp:	304725
Ion Ratio	Lower	Upper	
169	100		
168	67.8	53.2	79.8
167	36.6	29.5	44.3

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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: 46.95 ng

RT: 13.87 min Scan# 2089

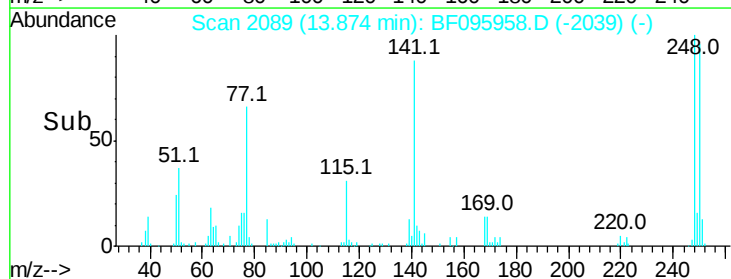
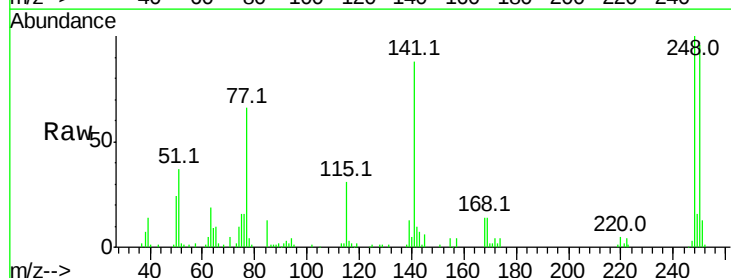
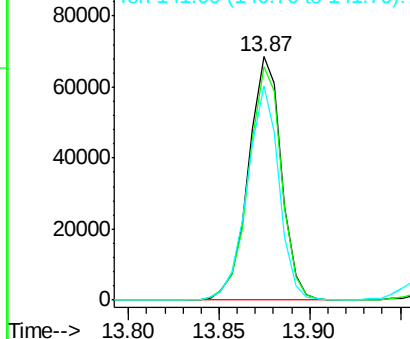
Delta R.T. -0.01 min

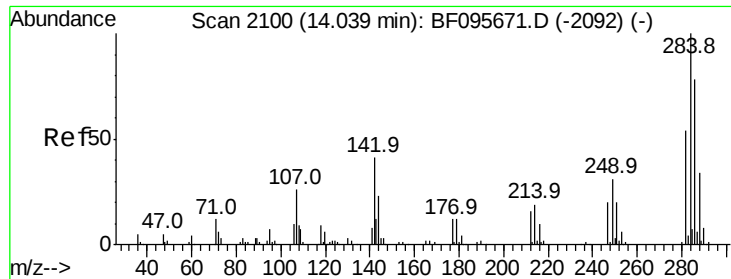
Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Tgt Ion:	248	Resp:	86718
Ion Ratio	Lower	Upper	
248	100		
250	96.0	76.8	115.2
141	88.1	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: 46.78 ng

RT: 13.96 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

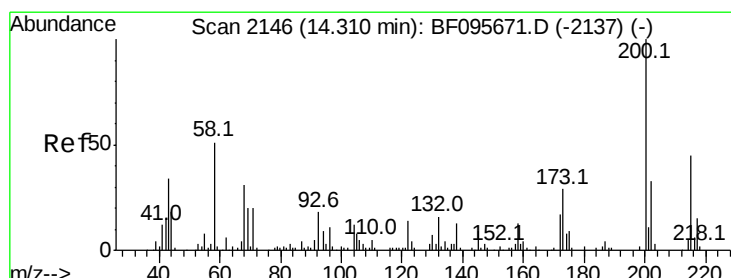
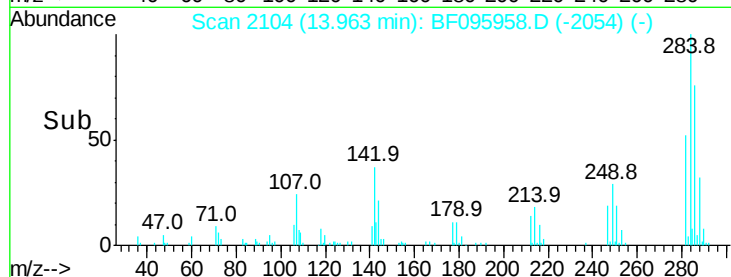
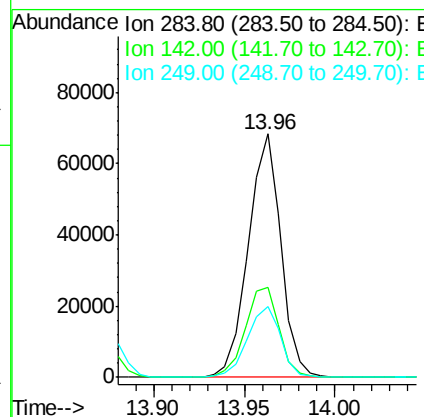
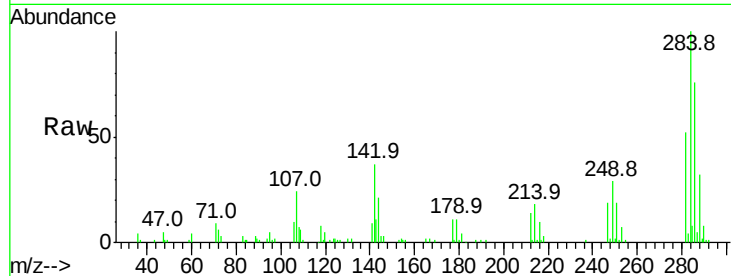
ClientSampleId :

PL-01-061417-AMS

Tot Ion:	284	Resp:	85144
Ion Ratio	Lower	Upper	
284	100		
142	36.9	22.8	34.2#
249	29.1	24.0	36.0

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#68

Atrazine

Concen: 48.91 ng

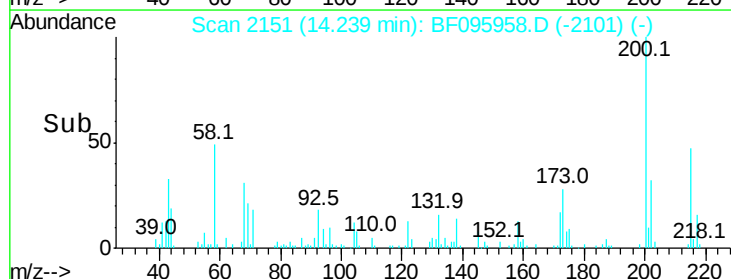
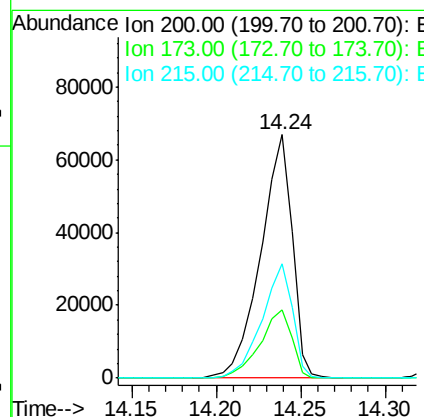
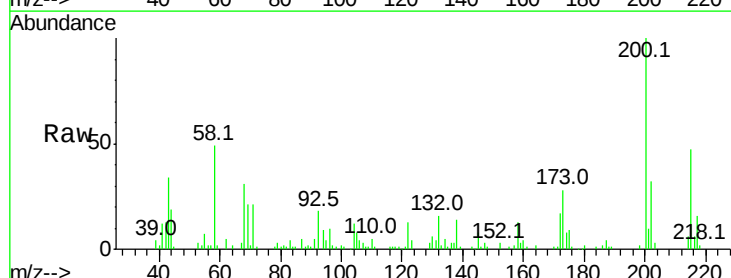
RT: 14.24 min Scan# 2151

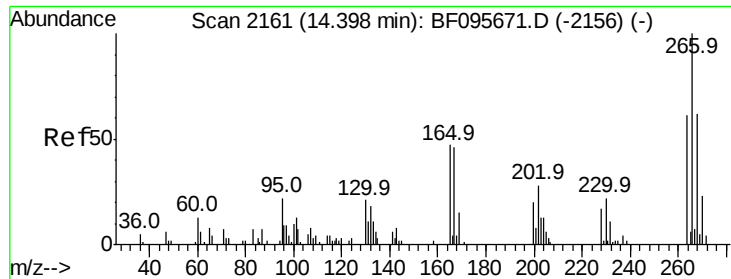
Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Tgt Ion:	200	Resp:	86927
Ion Ratio	Lower	Upper	
200	100		
173	27.8	6.3	46.3
215	46.8	27.2	67.2





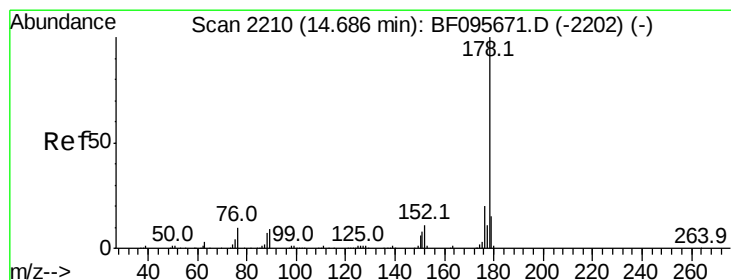
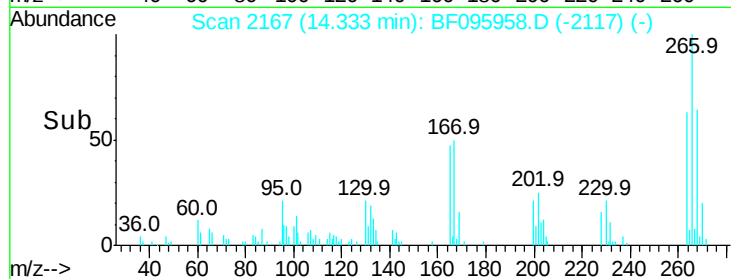
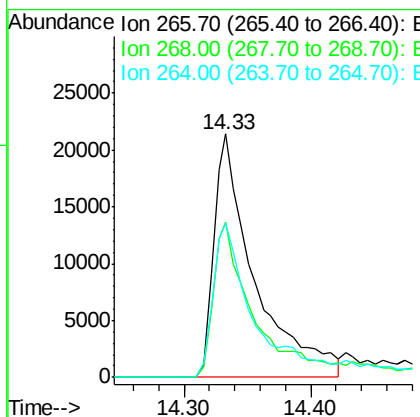
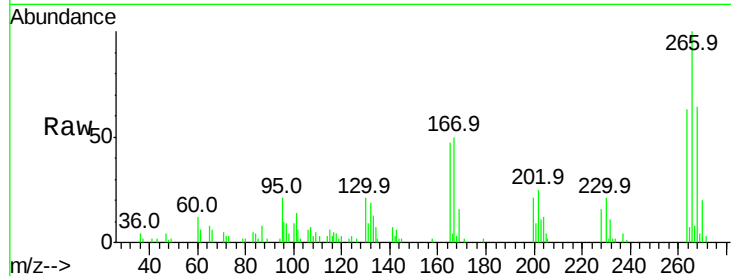
#69
 Pentachlorophenol
 Concen: 69.85 ng
 RT: 14.33 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Resp	Lower	Upper
266	100	47570		
268	63.8		51.1	76.7
264	63.4		51.7	77.5

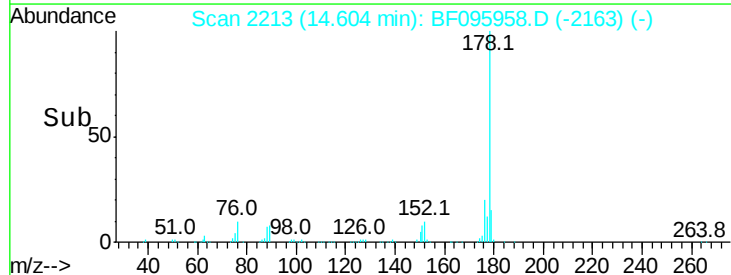
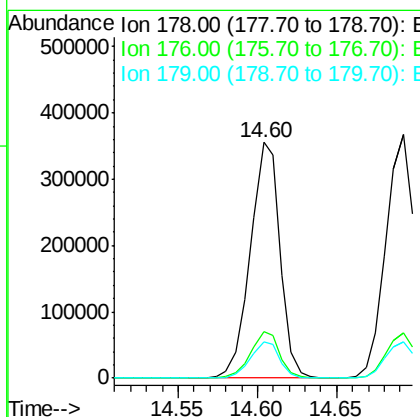
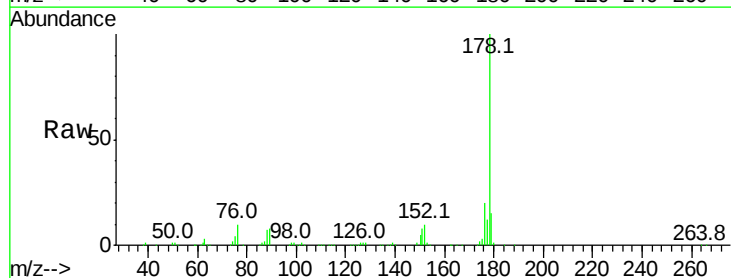
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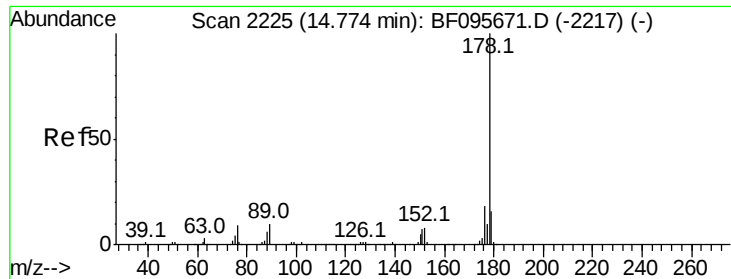
mohammad
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#70
 Phenanthrene
 Concen: 45.26 ng
 RT: 14.60 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	464086		
176	19.6		16.2	24.4
179	15.4		12.6	19.0





#71

Anthracene

Concen: 44.57 ng

RT: 14.69 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

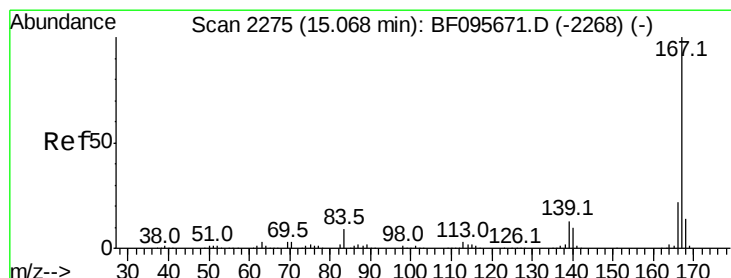
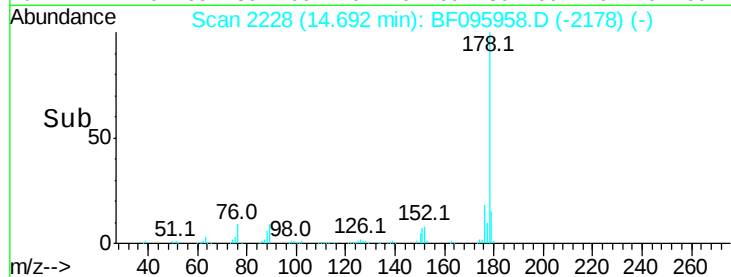
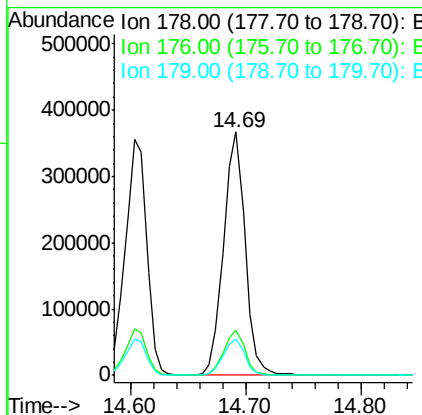
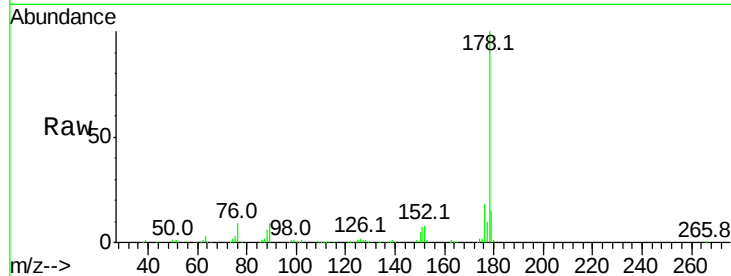
ClientSampleId :

PL-01-061417-AMS

Tot Ion:	178	Resp:	477162
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.8	23.8
179	15.1	12.7	19.1

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#72

Carbazole

Concen: 40.86 ng

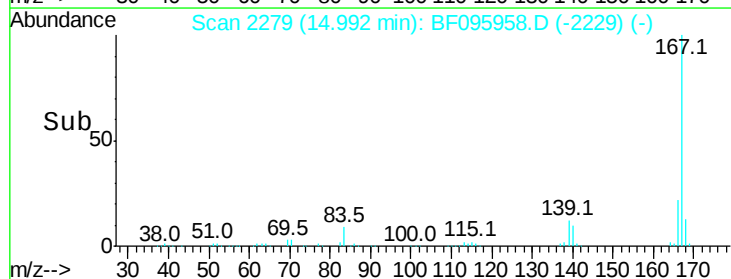
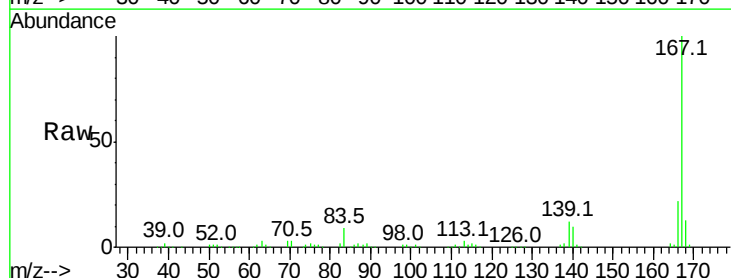
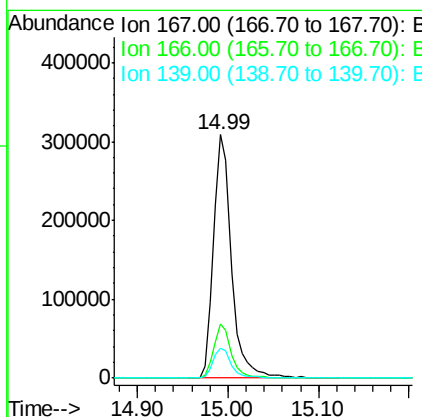
RT: 14.99 min Scan# 2279

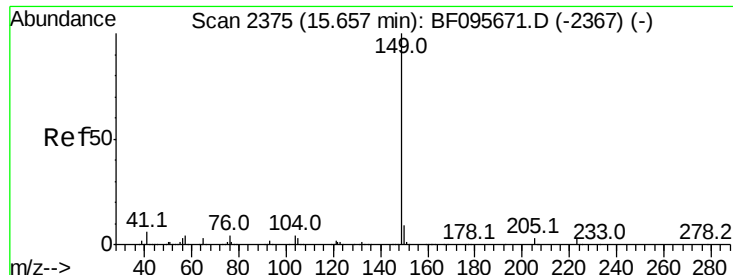
Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Tgt Ion:	167	Resp:	426209
Ion Ratio	Lower	Upper	
167	100		
166	22.0	18.1	27.1
139	12.5	11.7	17.5





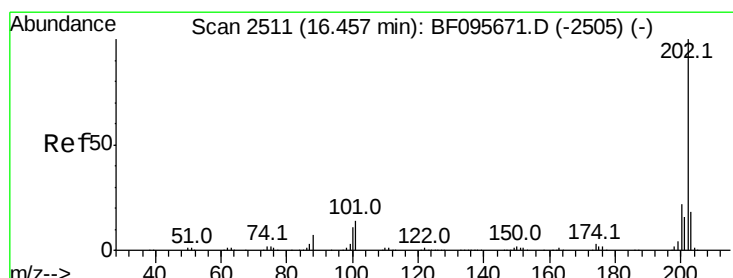
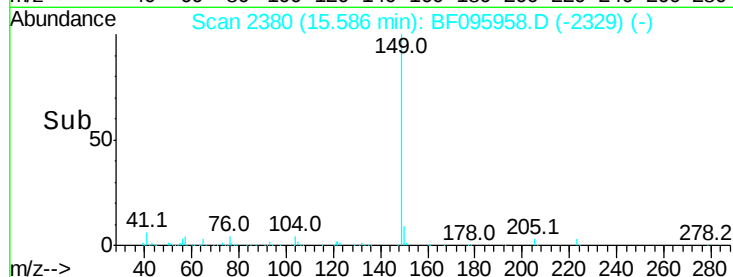
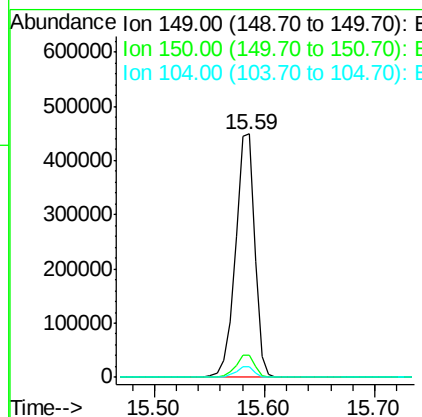
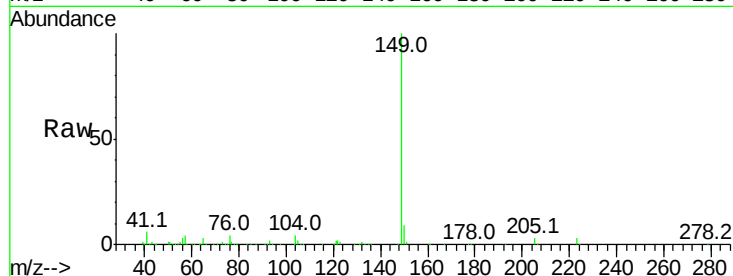
#73
Di-n-butylphthalate
Concen: 49.60 ng
RT: 15.59 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.0	7.7	11.5
104	4.1	4.0	6.0

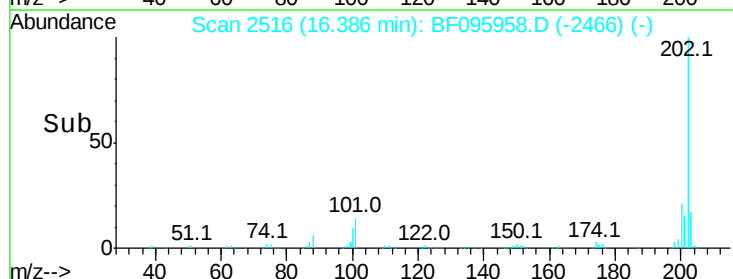
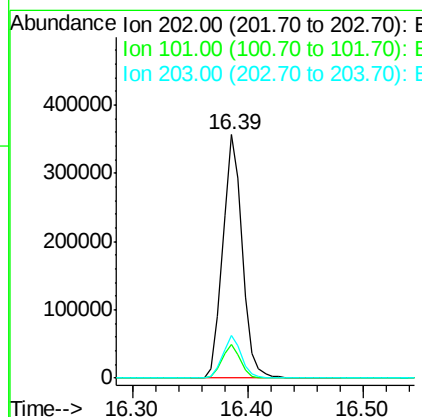
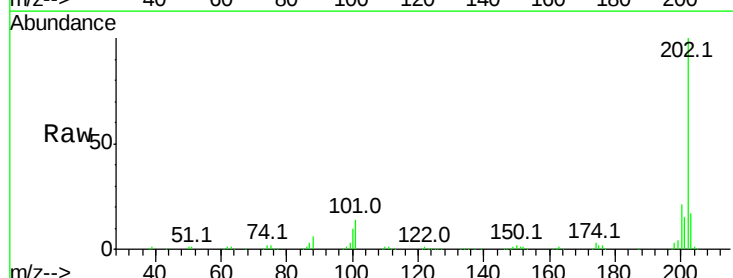
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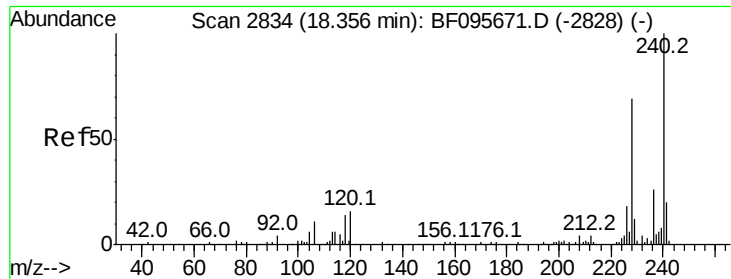
mohammad
6/19/2017 3:46:53 PM



#74
Fluoranthene
Concen: 40.98 ng
RT: 16.39 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	0.0	33.2
203	17.3	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: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

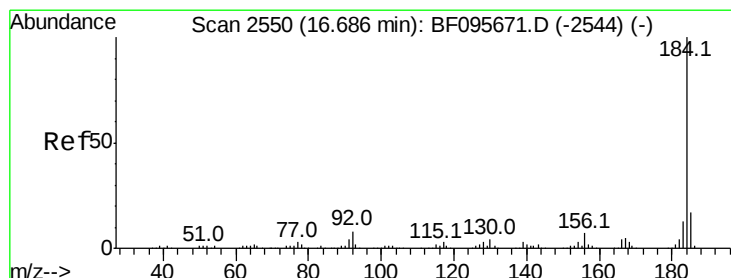
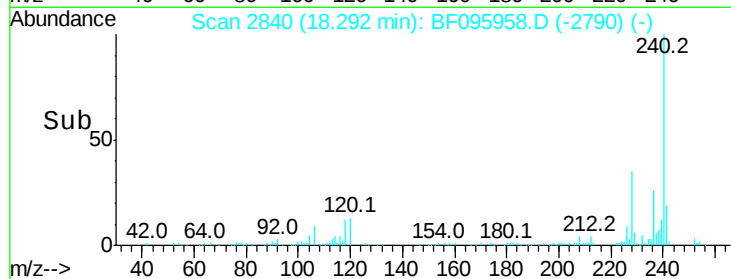
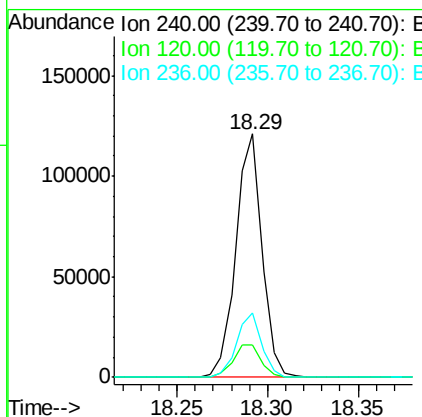
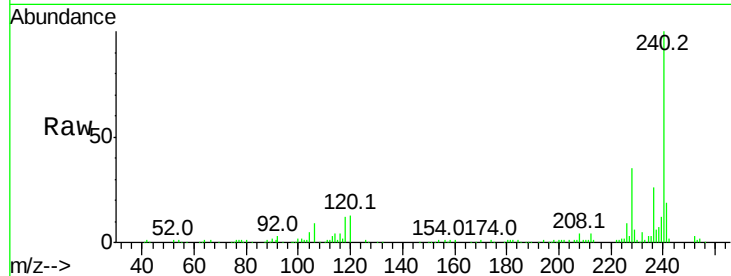
ClientSampleId :

PL-01-061417-AMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	26.3	20.5	30.7

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#76

Benzidine

Concen: 8.55 ng

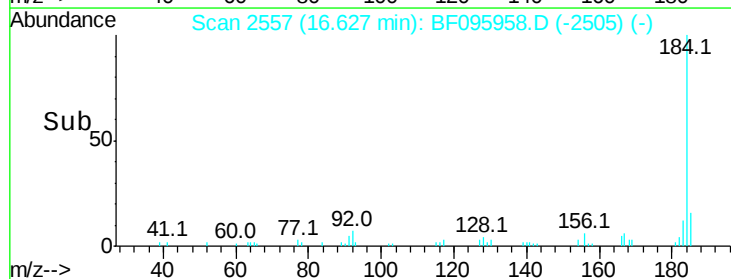
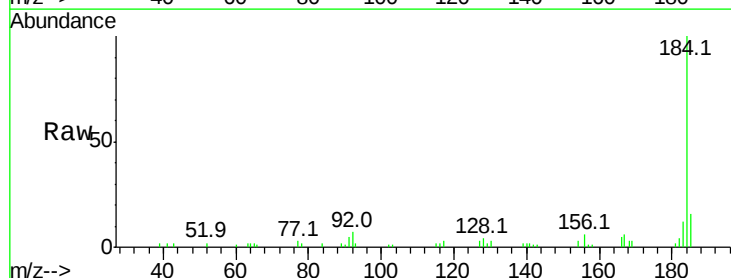
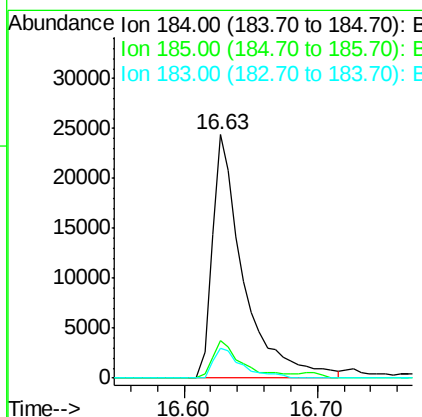
RT: 16.63 min Scan# 2557

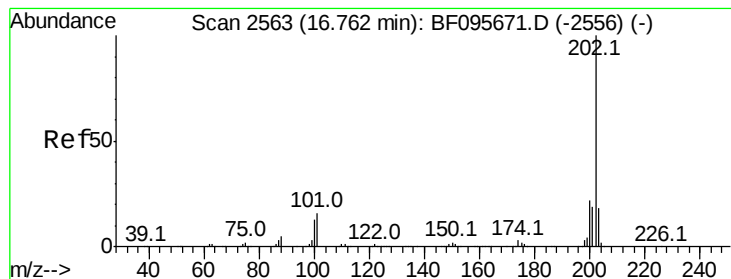
Delta R.T. 0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.7	15.5	23.3
183	12.3	9.8	14.6





#77

Pvrene

Concen: 45.85 ng

RT: 16.69 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

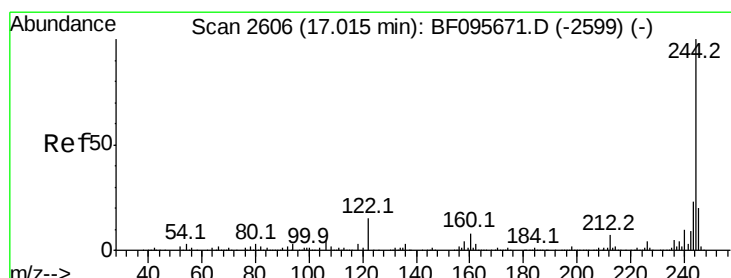
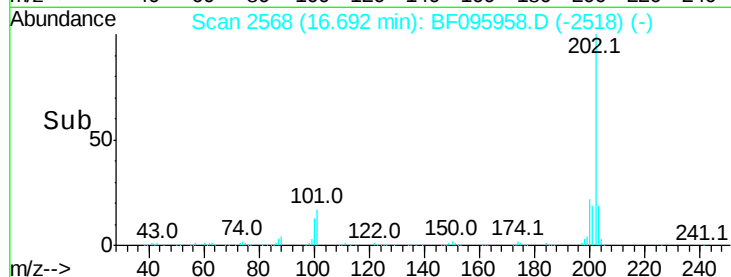
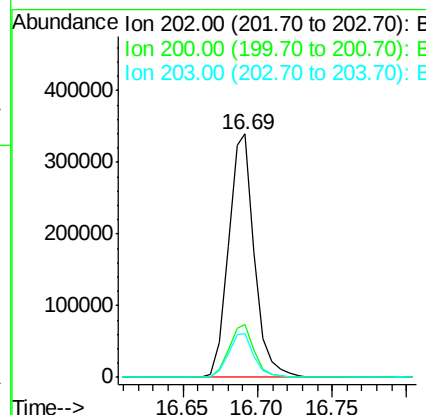
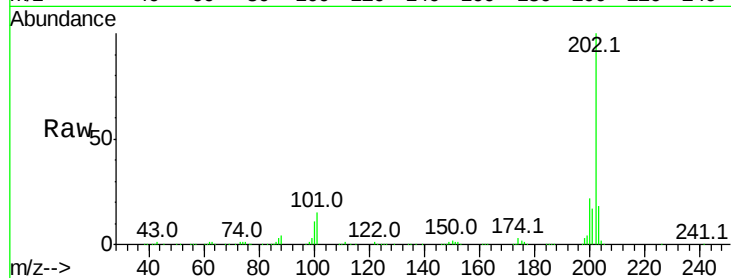
ClientSampleId :

PL-01-061417-AMS

Tot Ion:	202	Resp:	414412
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.6	26.4
203	17.9	14.4	21.6

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#78

Terphenyl-d14

Concen: 99.38 ng

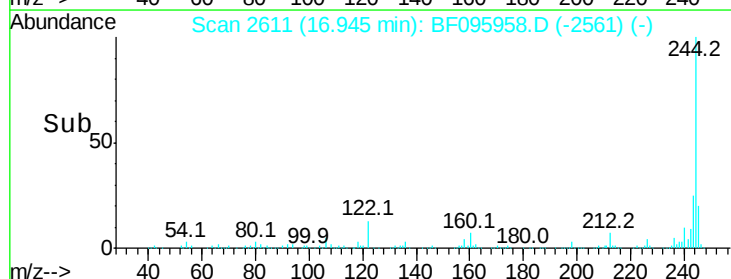
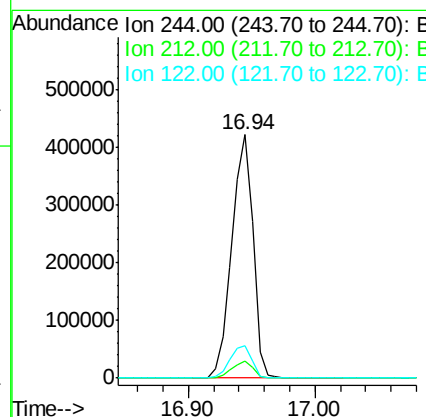
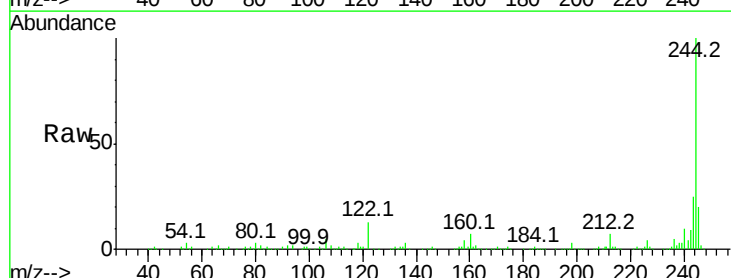
RT: 16.94 min Scan# 2611

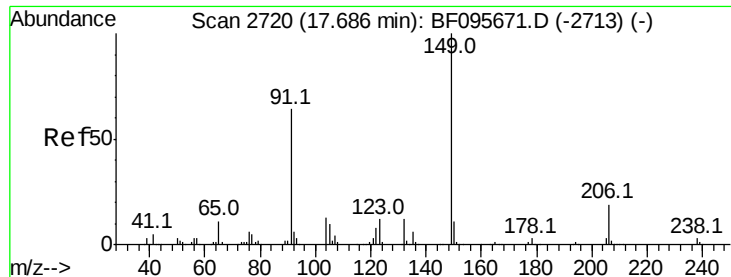
Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Tgt Ion:	244	Resp:	485085
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	13.5	10.3	15.5





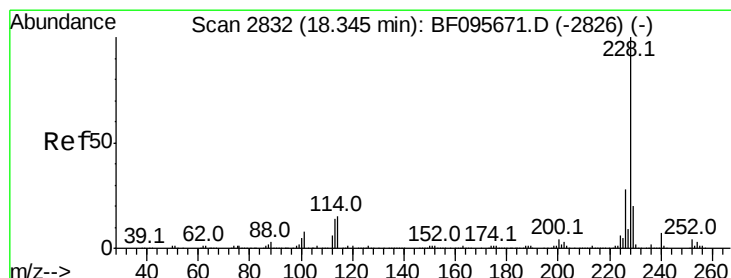
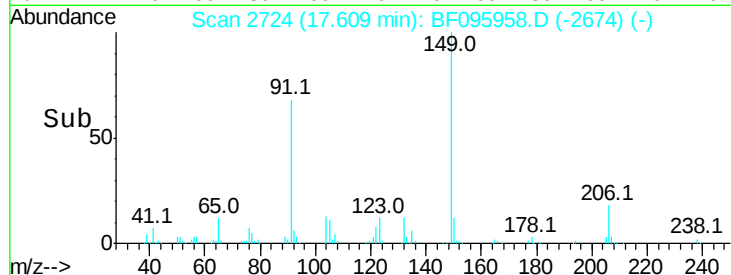
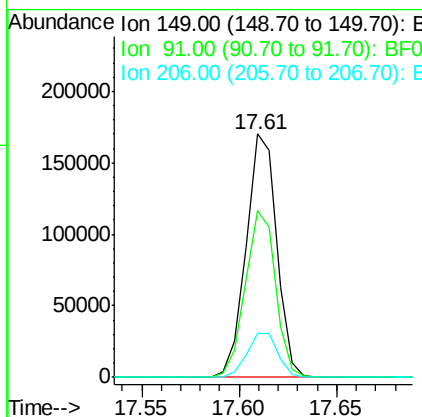
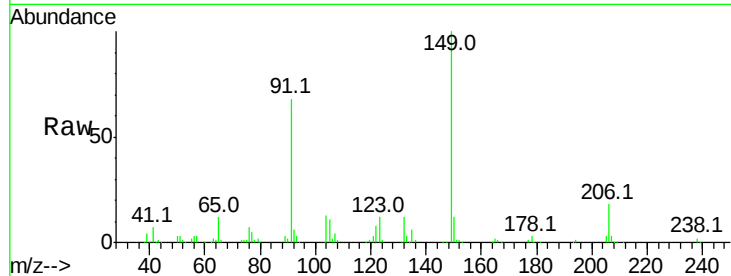
#79
Butylbenzylphthalate
Concen: 46.93 ng
RT: 17.61 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	185260		
91	68.3	45.0	67.4#	
206	17.8	17.0	25.6	

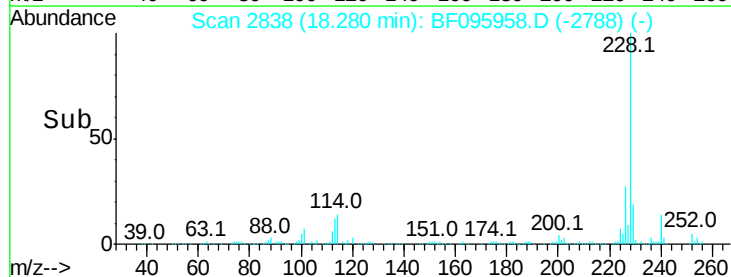
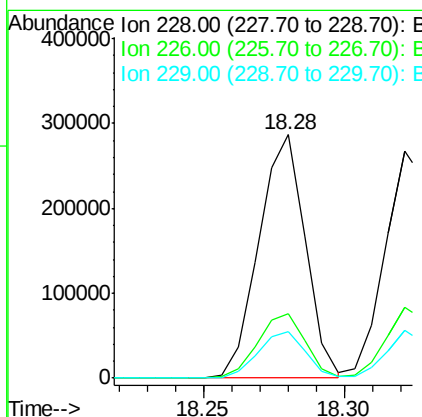
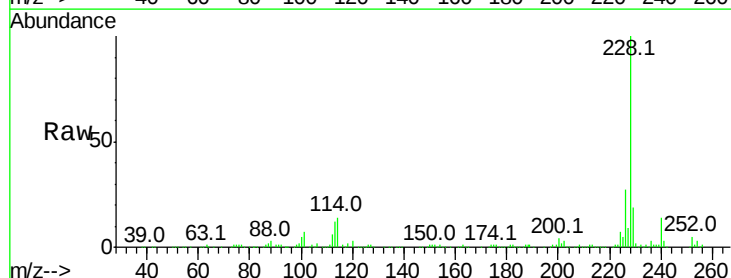
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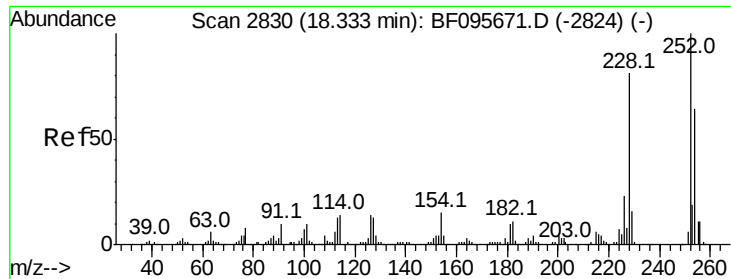
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#80
Benzo(a)anthracene
Concen: 46.35 ng
RT: 18.28 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	326401		
226	26.6	22.6	33.8	
229	19.1	16.3	24.5	





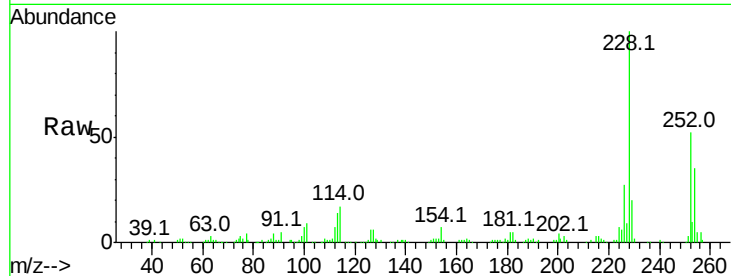
#81
 3,3'-Dichlorobenzidine
 Concen: 34.38 ng
 RT: 18.27 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.6	51.5	77.3
126	12.3	15.8	23.8

Manual Integrations
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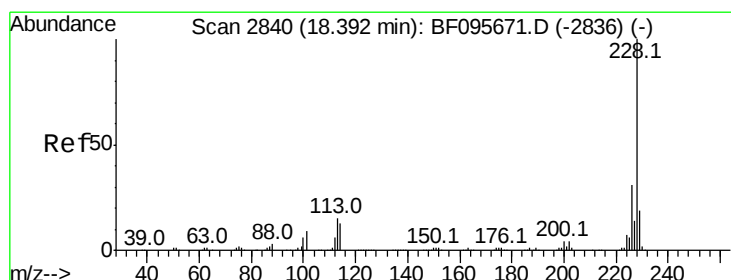
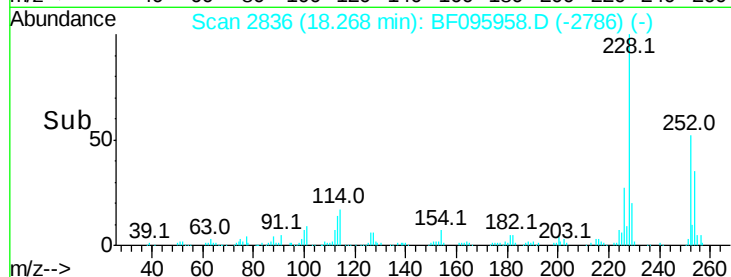
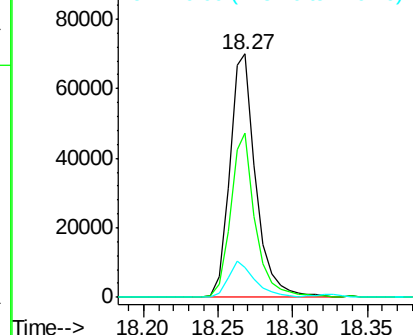


Abundance

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



#82
 Chrysene
 Concen: 45.46 ng
 RT: 18.32 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

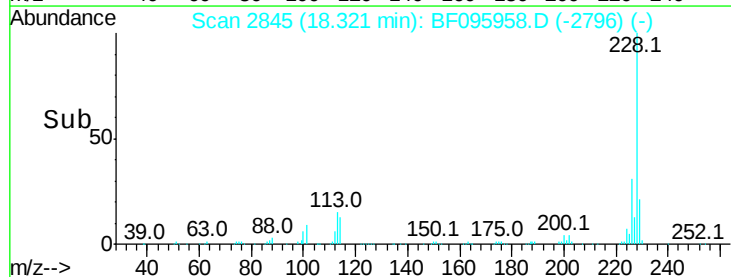
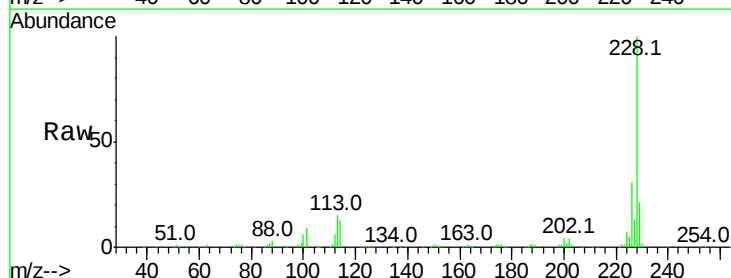
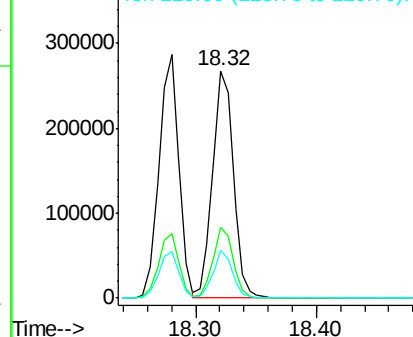
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.9	15.8	23.6

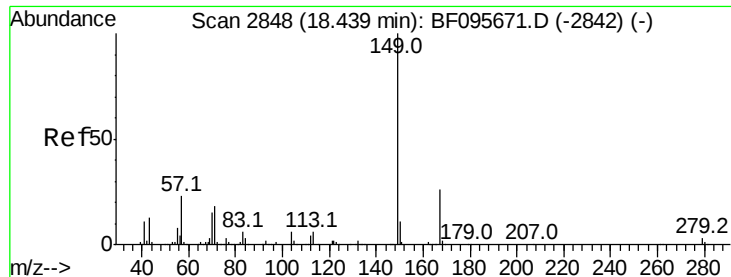
Abundance

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





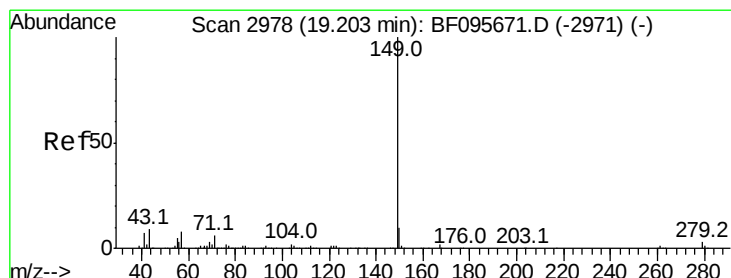
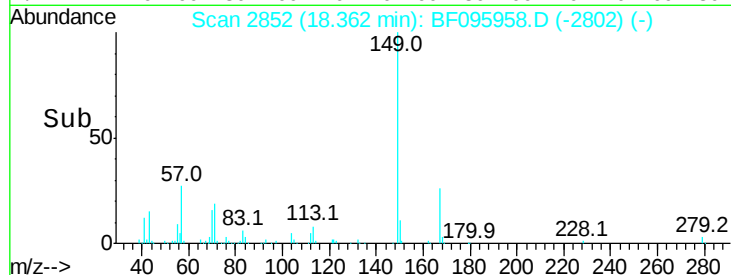
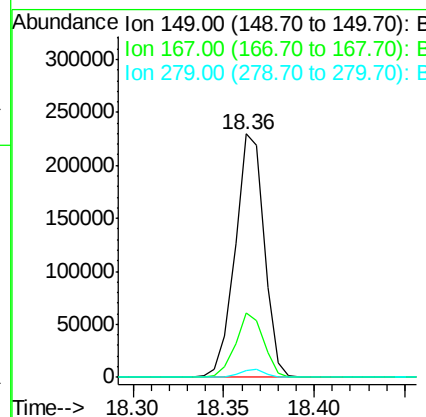
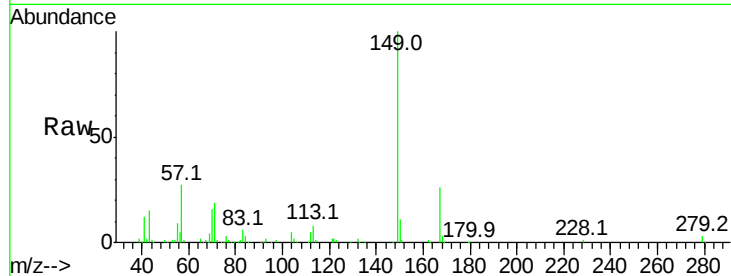
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.81 ng
 RT: 18.36 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.4	21.0	31.4	
279	3.0	1.9	2.9	

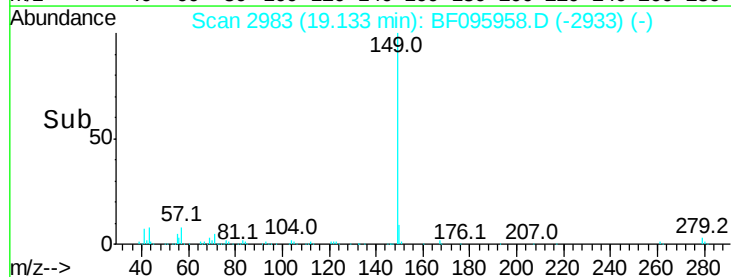
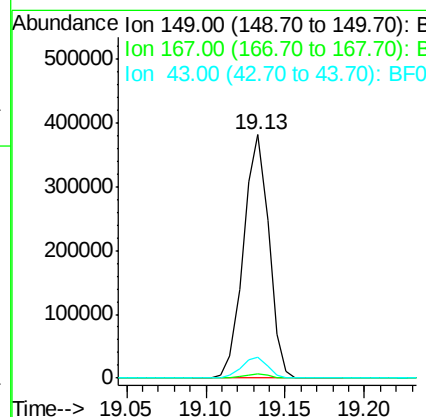
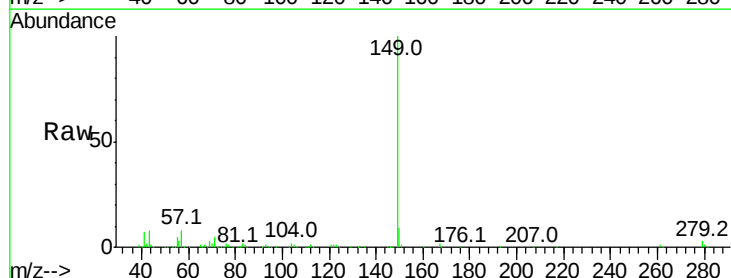
Manual Integrations
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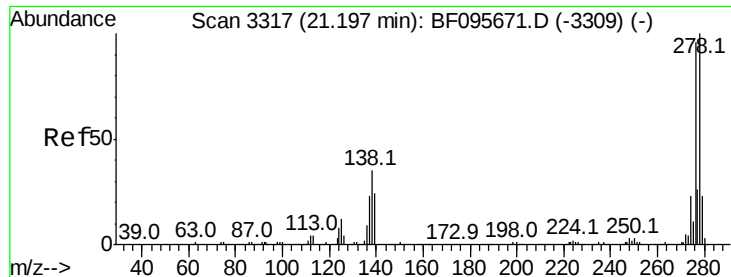
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 46.13 ng
 RT: 19.13 min Scan# 2983
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

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





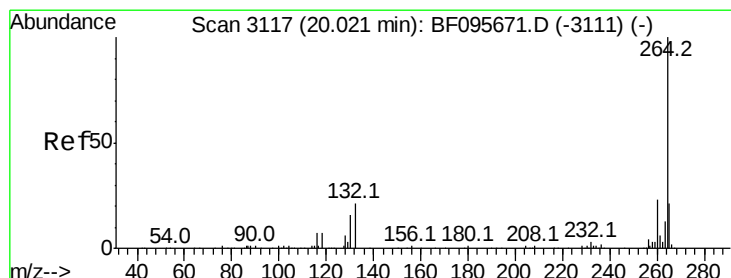
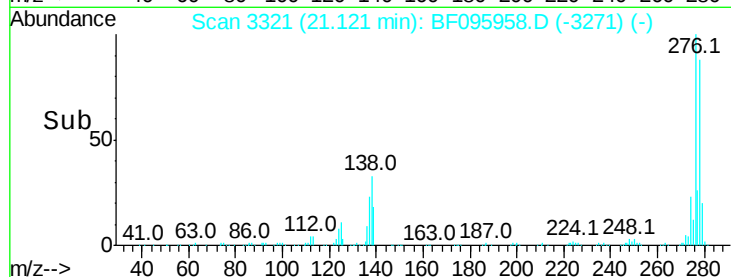
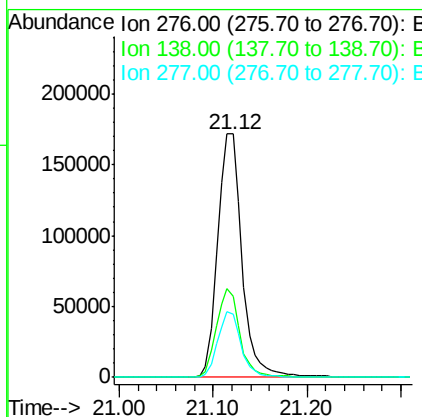
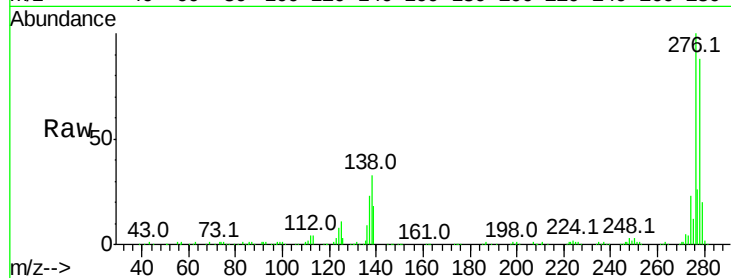
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.86 ng
RT: 21.12 min Scan# 3321
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Resp	Lower	Upper
276	100	312273		
138	35.1	27.8	41.6	
277	25.8	20.2	30.4	

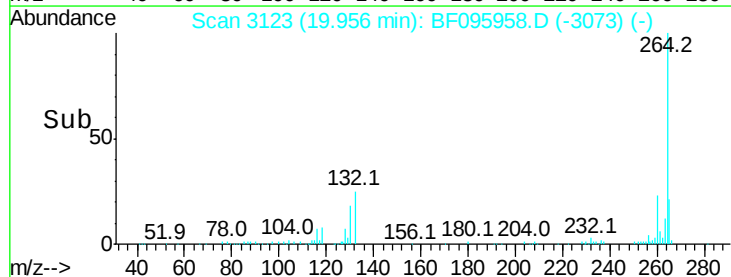
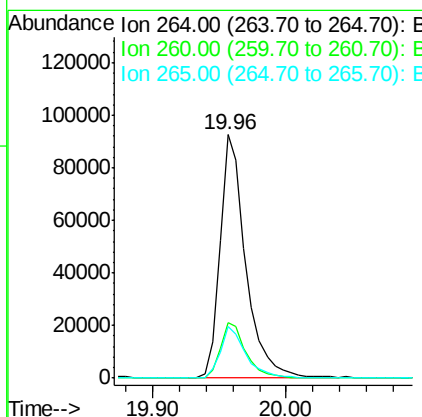
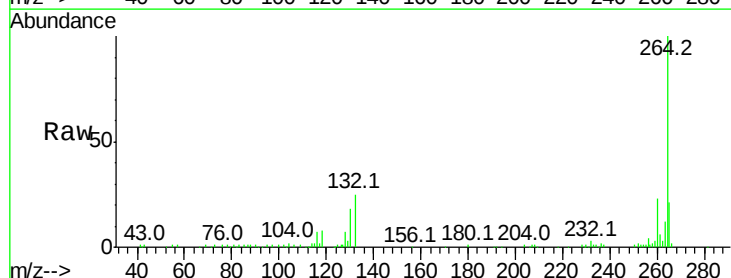
Manual Integrations
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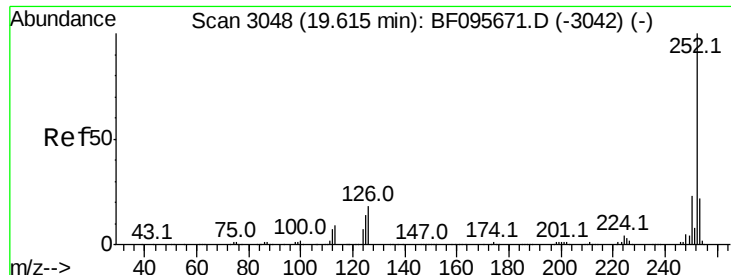
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#86
Perylene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	125499		
260	22.6	19.5	29.3	
265	21.4	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 43.37 ng m

RT: 19.55 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

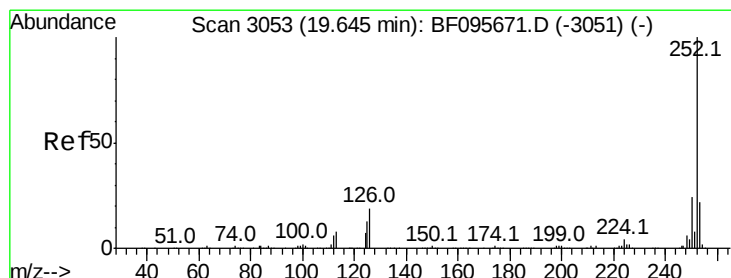
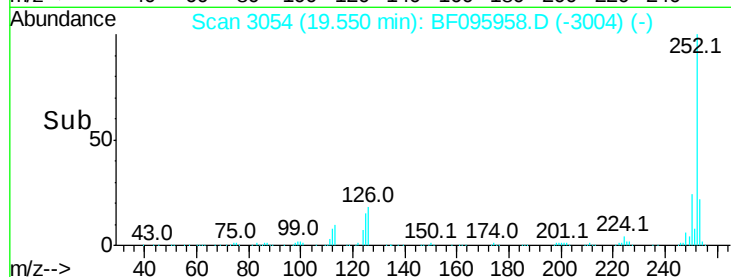
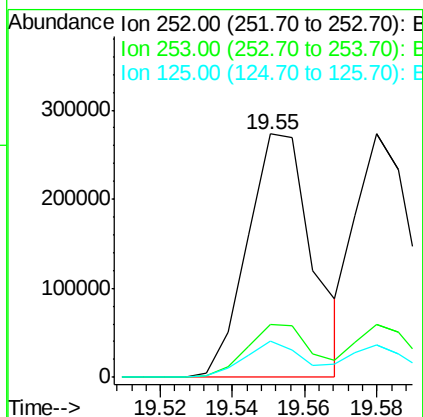
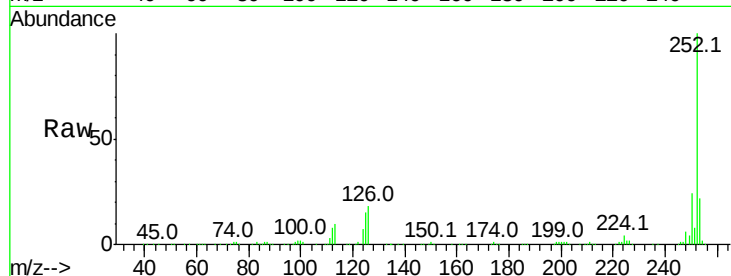
ClientSampleId :

PL-01-061417-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	15.1	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 41.62 ng

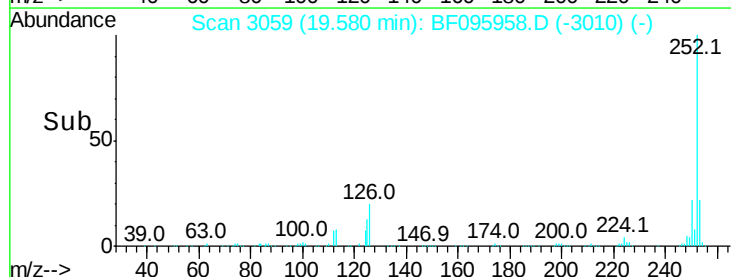
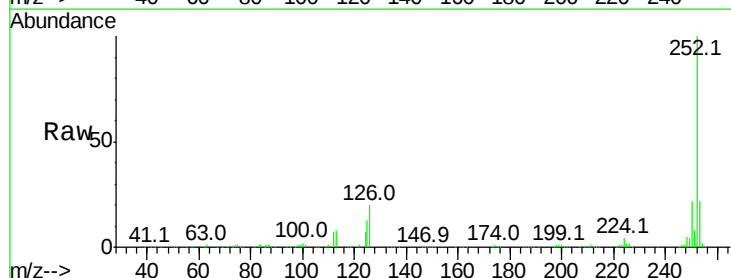
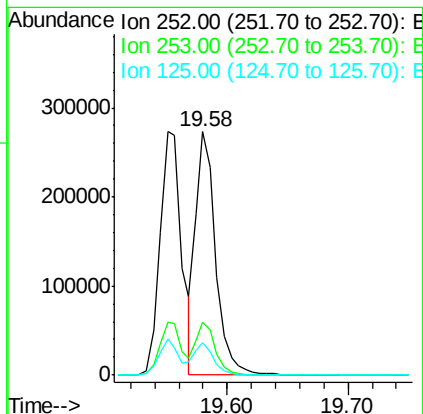
RT: 19.58 min Scan# 3059

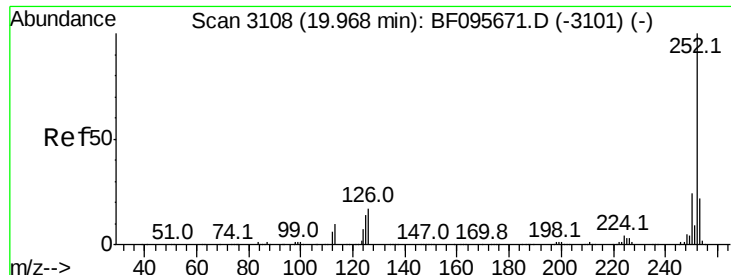
Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	13.5	13.1	19.7





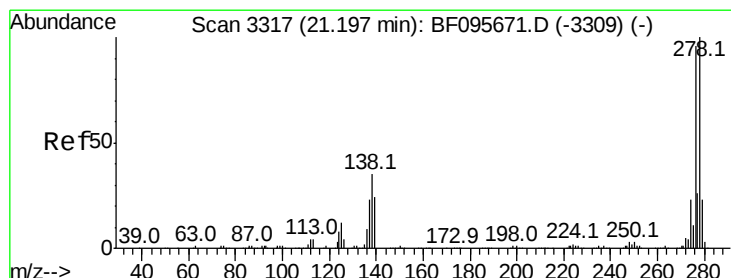
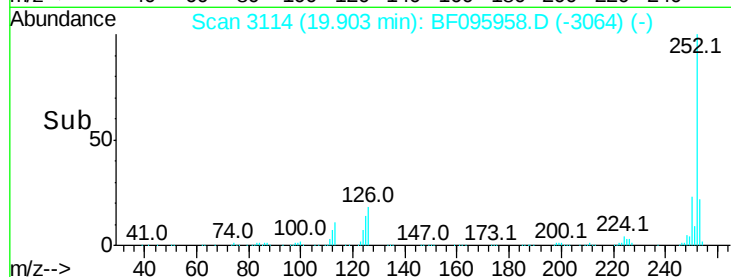
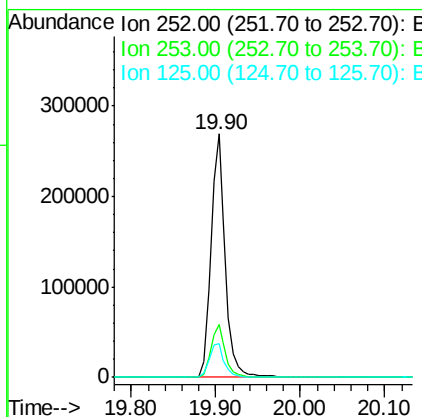
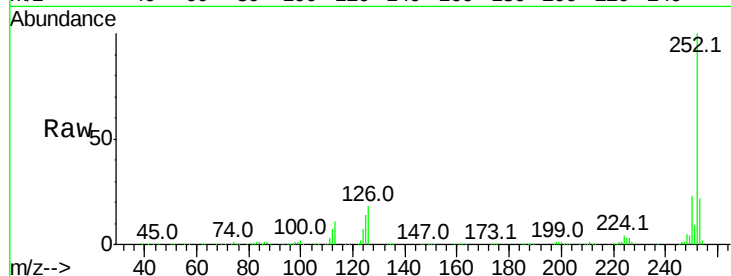
#89
Benzo(a)pyrene
Concen: 44.55 ng
RT: 19.90 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	13.9	11.0	16.4

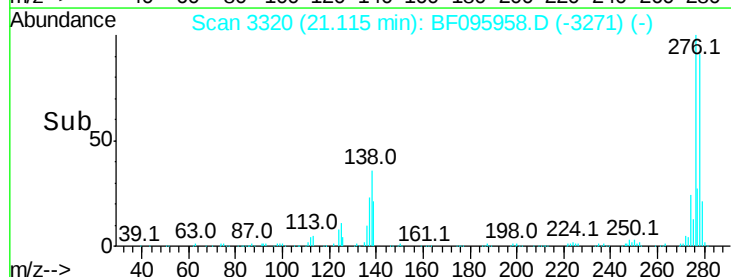
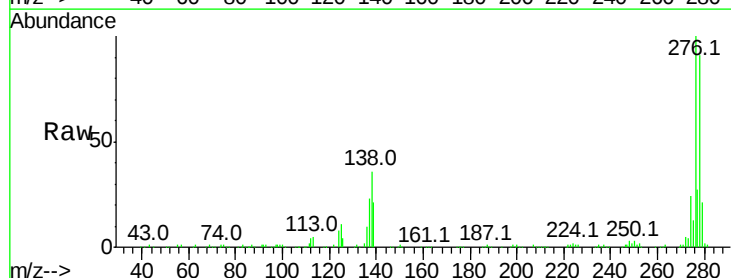
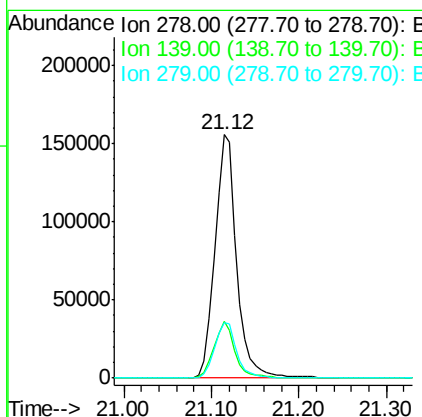
Manual Integrations
APPROVED

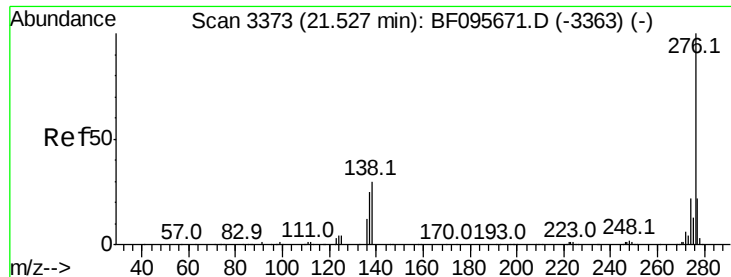
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 43.70 ng
RT: 21.12 min Scan# 3320
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.3	16.6	24.8
279	22.9	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 41.36 ng
 RT: 21.44 min Scan# 3376
 Delta R.T. 0.00 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

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

Tot Ion:	276	Resp:	258337
Ion Ratio	Lower	Upper	
276	100		
277	22.3	18.6	28.0
138	28.8	25.4	38.0

Manual Integrations
 APPROVED

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