

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095163.D
 Acq On : 16 May 2017 18:53
 Operator : SJ/MA
 Sample : I3139-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMS

Manual Integrations
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 5/17/2017 5:48:53 PM

Quant Time: May 17 07:25:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	92971	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	390881	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	182607	20.00	ng	0.04
63) Phenanthrene-d10	15.03	188	319834	20.00	ng	0.05
75) Chrysene-d12	18.69	240	204423	20.00	ng	0.04
86) Perylene-d12	20.36	264	162515	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	873217	156.59	ng	0.08
7) Phenol-d6	7.33	99	1072471	160.29	ng	0.05
23) Nitrobenzene-d5	8.68	82	577689	93.20	ng	0.05
41) 2,4,6-Tribromophenol	13.93	330	211996	141.76	ng	0.05
44) 2-Fluorobiphenyl	11.57	172	1278851	100.80	ng	0.04
78) Terphenyl-d14	17.35	244	936539	100.91	ng	0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	2.31	88	110503	40.41	ng	94
3) Pyridine	3.01	79	295245m	46.58	ng	
4) n-Nitrosodimethylamine	2.94	42	125783m	47.61	ng	
6) Aniline	7.29	93	324579	38.43	ng	95
8) 2-Chlorophenol	7.47	128	347128	54.69	ng	98
9) Benzaldehyde	7.11	77	142364	34.85	ng	99
10) Phenol	7.35	94	394216	55.91	ng	89
11) bis(2-Chloroethyl)ether	7.42	93	300778	51.67	ng	96
12) 1,3-Dichlorobenzene	7.68	146	367790	51.08	ng	99
13) 1,4-Dichlorobenzene	7.81	146	373858	51.20	ng	97
14) 1,2-Dichlorobenzene	8.04	146	355585	52.17	ng	95
15) Benzyl Alcohol	8.07	79	268801	62.46	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.27	45	399500	48.49	ng	53
17) 2-Methylphenol	8.27	107	277140	53.35	ng	93
18) Hexachloroethane	8.55	117	122623	49.58	ng	# 87
19) n-Nitroso-di-n-propylamine	8.49	70	243773	53.87	ng	92
20) 3+4-Methylphenols	8.53	107	367344	52.04	ng	# 59
22) Acetophenone	8.45	105	484210	51.63	ng	# 83
24) Nitrobenzene	8.71	77	295051	45.41	ng	92
25) Isophorone	9.11	82	556655	50.29	ng	95
26) 2-Nitrophenol	9.21	139	181372	51.73	ng	96
27) 2,4-Dimethylphenol	9.35	122	283216	49.96	ng	99
28) bis(2-Chloroethoxy)methane	9.47	93	384009	50.15	ng	98
29) 2,4-Dichlorophenol	9.63	162	289481	54.09	ng	97
30) 1,2,4-Trichlorobenzene	9.72	180	287770	50.19	ng	99
31) Naphthalene	9.83	128	1022768	52.06	ng	99
32) Benzoic acid	9.67	122	138269	38.30	ng	95
33) 4-Chloroaniline	9.99	127	84280	11.51	ng	# 90
34) Hexachlorobutadiene	10.04	225	144996	47.92	ng	97
35) Caprolactam	10.61	113	80518m	50.10	ng	
36) 4-Chloro-3-methylphenol	10.82	107	301954	52.77	ng	89
37) 2-Methylnaphthalene	10.95	142	699838	54.28	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.23	216	257243	45.81	ng	99
40) Hexachlorocyclopentadiene	11.21	237	167483	71.63	ng	98

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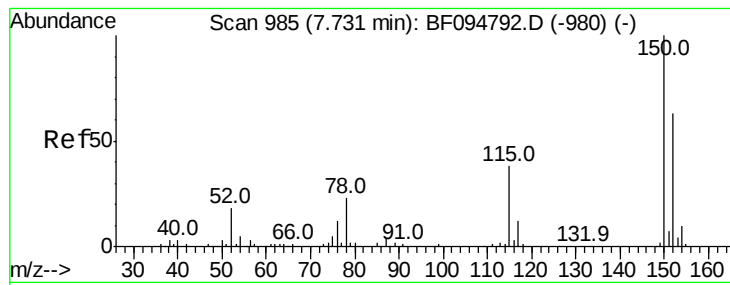
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	196058	52.29	nq	98
43) 2,4,5-Trichlorophenol	11.54	196	194046	48.15	nq	93
45) 1,1'-Biphenyl	11.72	154	794247	51.66	nq	97
46) 2-Chloronaphthalene	11.74	162	620826	50.01	nq	96
47) 2-Nitroaniline	11.95	65	162155	47.72	nq	# 79
48) Acenaphthylene	12.39	152	889088	45.72	nq	99
49) Dimethylphthalate	12.27	163	844735	56.35	nq	99
50) 2,6-Dinitrotoluene	12.37	165	155094	50.71	nq	98
51) Acenaphthene	12.68	154	592290	51.00	nq	99
52) 3-Nitroaniline	12.64	138	80855	24.63	nq	91
53) 2,4-Dinitrophenol	12.84	184	149576	88.11	nq	# 68
54) Dibenzofuran	12.97	168	902442	56.15	nq	99
55) 4-Nitrophenol	13.02	139	179072	90.83	nq	# 77
56) 2,4-Dinitrotoluene	13.03	165	214220	54.51	nq	# 88
57) Fluorene	13.52	166	733078	52.46	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.21	232	144312	56.90	nq	96
59) Diethylphthalate	13.42	149	684664	47.65	nq	98
60) 4-Chlorophenyl-phenylether	13.54	204	307582	50.08	nq	90
61) 4-Nitroaniline	13.64	138	125024	41.49	nq	97
62) Azobenzene	13.80	77	660484	57.20	nq	94
64) 4,6-Dinitro-2-methylphenol	13.70	198	103620	48.33	nq	# 66
65) n-Nitrosodiphenylamine	13.75	169	597203	51.45	nq	98
66) 4-Bromophenyl-phenylether	14.33	248	173462	51.34	nq	100
67) Hexachlorobenzene	14.42	284	175705	50.74	nq	# 86
68) Atrazine	14.67	200	165562	50.52	nq	97
69) Pentachlorophenol	14.77	266	138486	87.83	nq	99
70) Phenanthrene	15.07	178	1197500	65.16	nq	98
71) Anthracene	15.15	178	922550	49.15	nq	98
72) Carbazole	15.43	167	899711	52.68	nq	97
73) Di-n-butylphthalate	15.99	149	1139971	53.52	nq	99
74) Fluoranthene	16.81	202	1143174	60.64	nq	99
76) Benzidine	17.02	184	197871	37.47	nq	# 92
77) Pyrene	17.11	202	1000768	65.46	nq	98
79) Butylbenzylphthalate	18.01	149	388445	54.62	nq	92
80) Benzo(a)anthracene	18.68	228	697261	58.61	nq	99
81) 3,3'-Dichlorobenzidine	18.66	252	100547	24.47	nq	# 94
82) Chrysene	18.73	228	633981	55.11	nq	98
83) Bis(2-ethylhexyl)phthalate	18.75	149	590220	58.25	nq	# 99
84) Di-n-octyl phthalate	19.51	149	916780	55.19	nq	96
85) Indeno(1,2,3-cd)pyrene	21.70	276	587961	62.94	nq	99
87) Benzo(b)fluoranthene	19.96	252	559391	55.71	nq	98
88) Benzo(k)fluoranthene	19.99	252	544441	56.21	nq	# 95
89) Benzo(a)pyrene	20.31	252	522486	56.39	nq	99
90) Dibenzo(a,h)anthracene	21.70	278	457861	59.83	nq	96
91) Benzo(g,h,i)perylene	22.08	276	515620	68.66	nq	96

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



#1

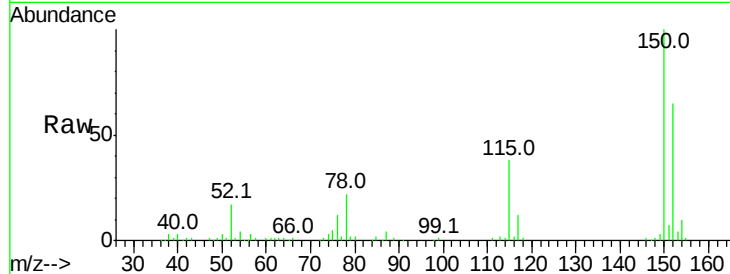
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 994
Delta R.T. 0.05 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

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E2-U10-ESWMS

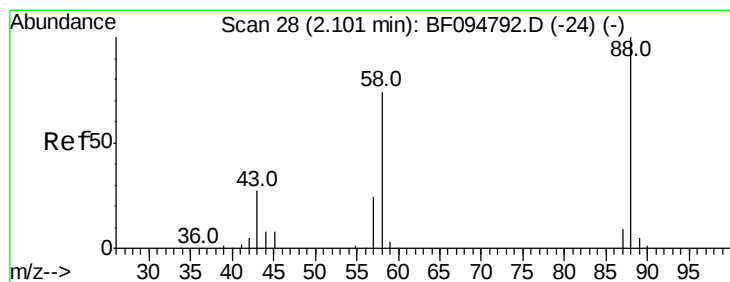
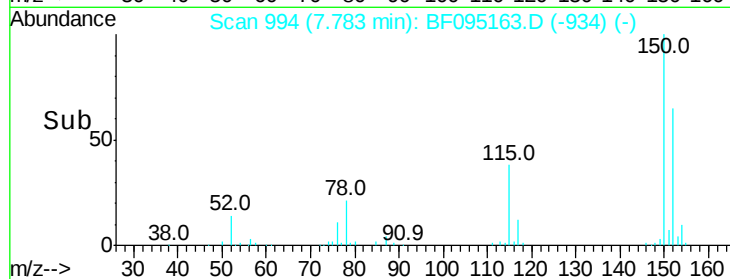
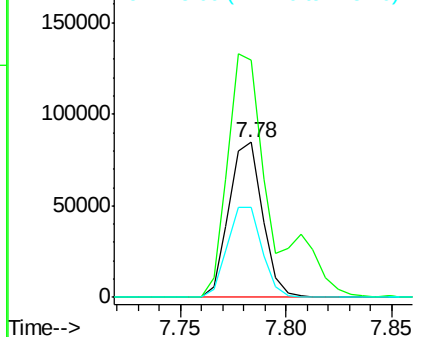
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.2	189.2
115	58.0	52.2	78.2

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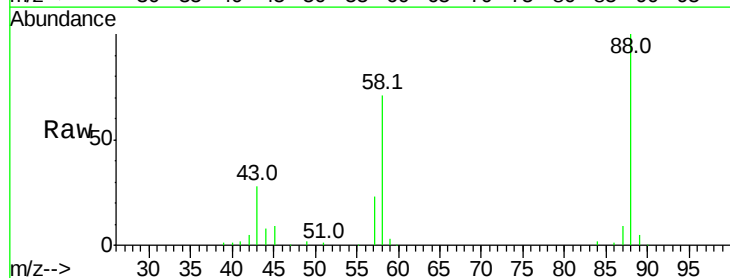
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



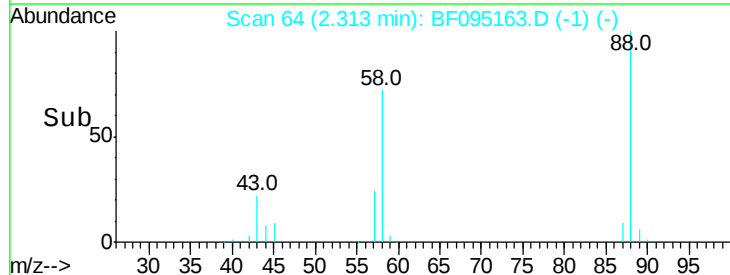
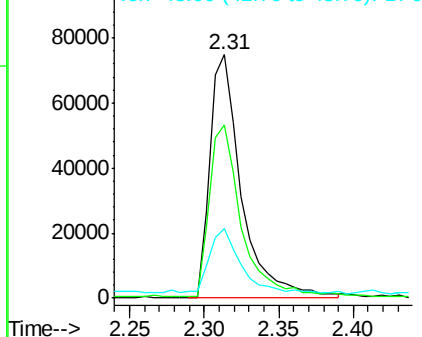
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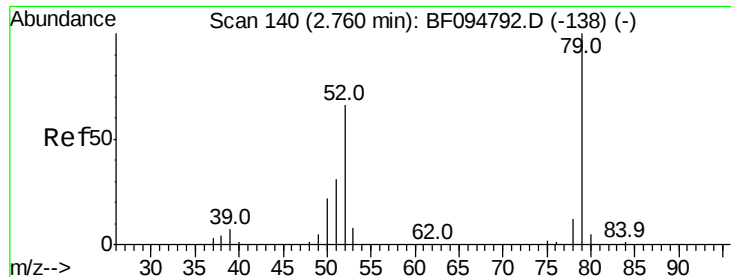
1,4-Dioxane
Concen: 40.41 ng
RT: 2.31 min Scan# 64
Delta R.T. 0.21 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.5	61.4	92.0
43	25.6	23.4	35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





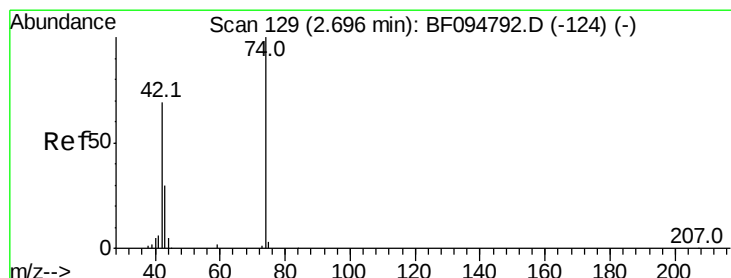
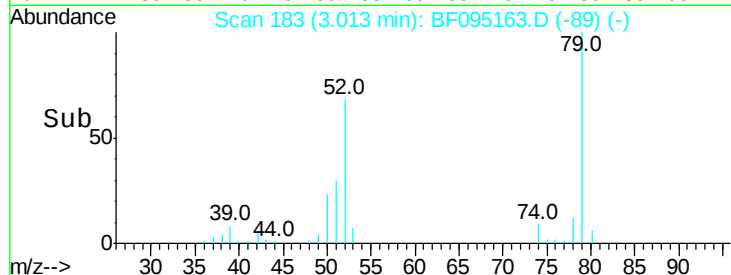
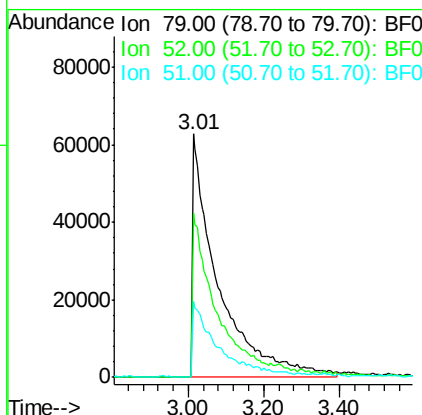
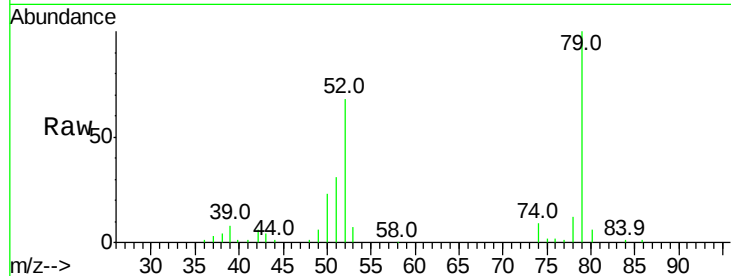
#3
 Pvridine
 Concen: 46.58 ng m
 RT: 3.01 min Scan# 183
 Delta R.T. 0.25 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

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 E2-U10-ESWMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.5	54.8	82.2
51	30.9	27.0	40.4

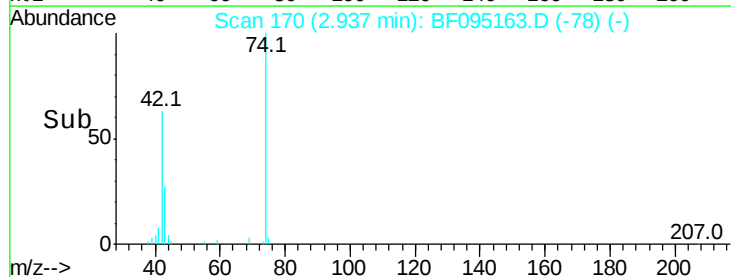
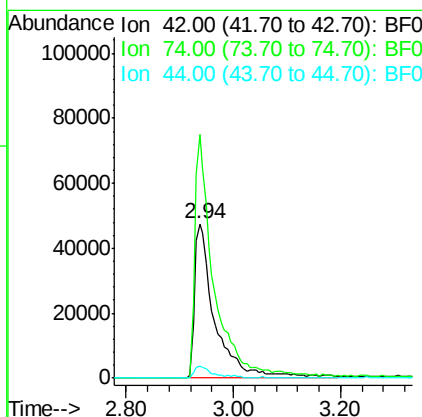
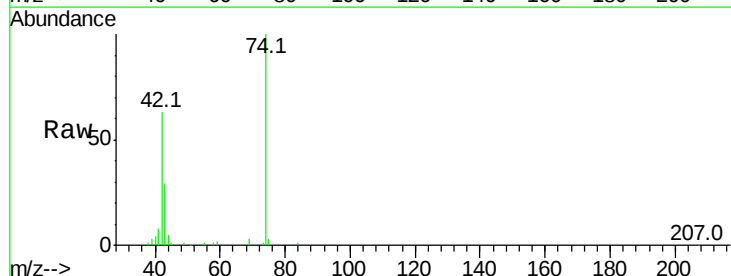
Manual Integrations
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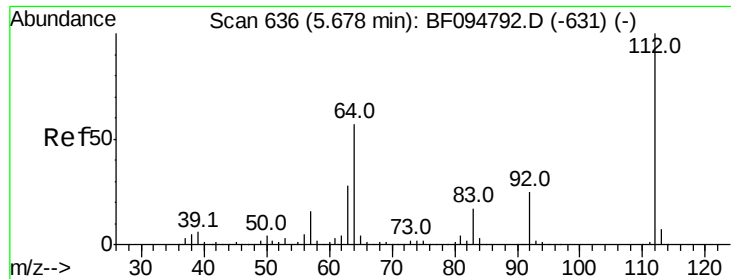
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#4
 n-Nitrosodimethylamine
 Concen: 47.61 ng m
 RT: 2.94 min Scan# 170
 Delta R.T. 0.24 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	158.0	103.9	155.9#
44	7.6	5.7	8.5





#5

2-Fluorophenol

Concen: 156.59 ng

RT: 5.76 min Scan# 650

Delta R.T. 0.08 min

Lab File: BF095163.D

Acq: 16 May 2017 18:53

Instrument :

BNA_F

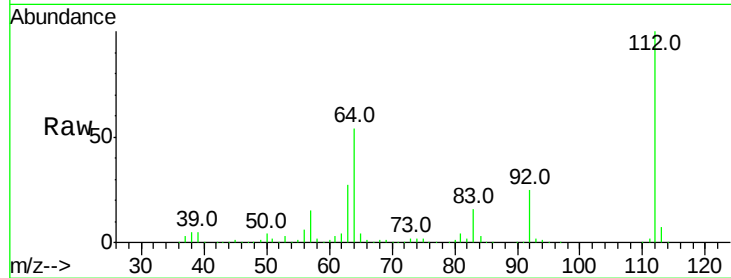
ClientSampleId :

E2-U10-ESWMS

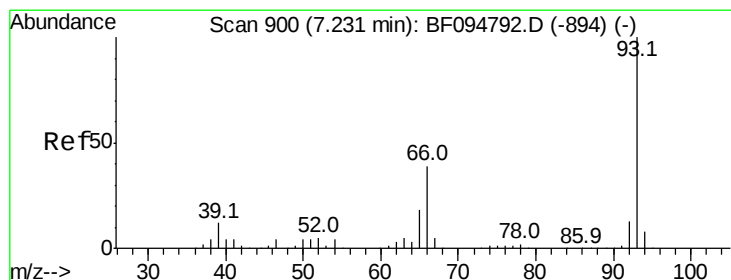
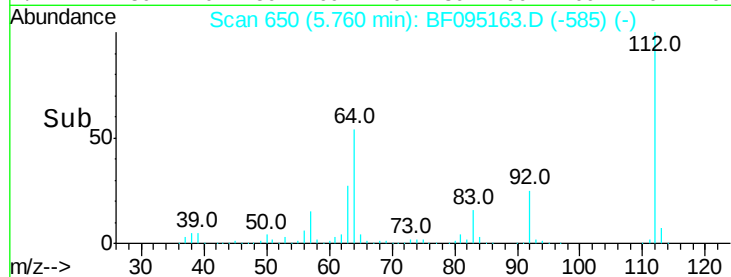
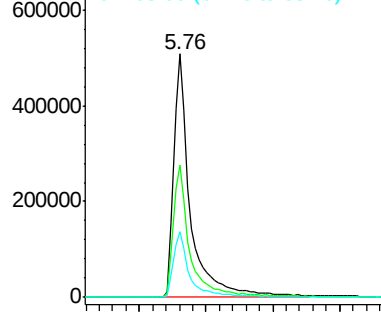
Tot Ion:	112	Resp:	873217
Ion Ratio	Lower	Upper	
112	100		
64	54.1	46.0	69.0
63	27.1	23.4	35.0

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



#6

Aniline

Concen: 38.43 ng

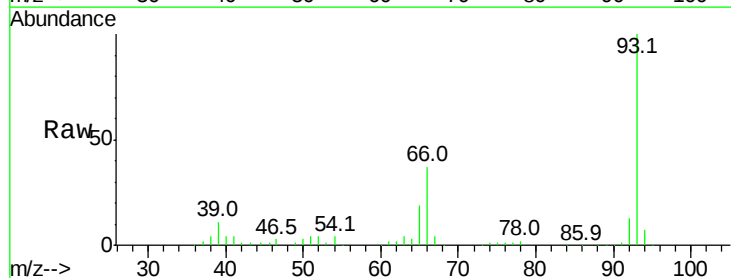
RT: 7.29 min Scan# 910

Delta R.T. 0.06 min

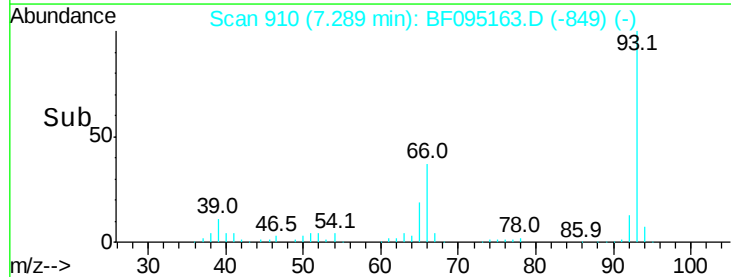
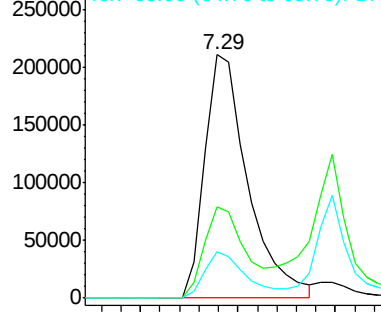
Lab File: BF095163.D

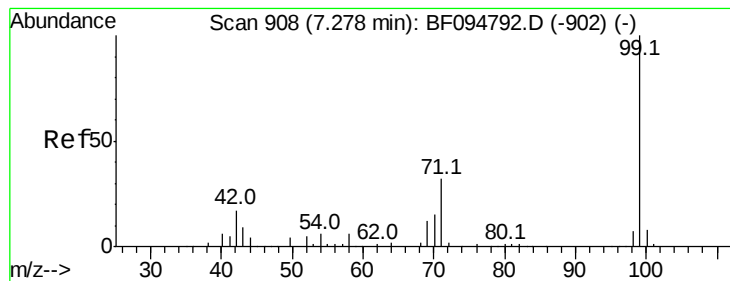
Acq: 16 May 2017 18:53

Tgt Ion:	93	Resp:	324579
Ion Ratio	Lower	Upper	
93	100		
66	37.3	32.9	49.3
65	18.9	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 160.29 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.05 min

Lab File: BF095163.D

Acq: 16 May 2017 18:53

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1072471

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

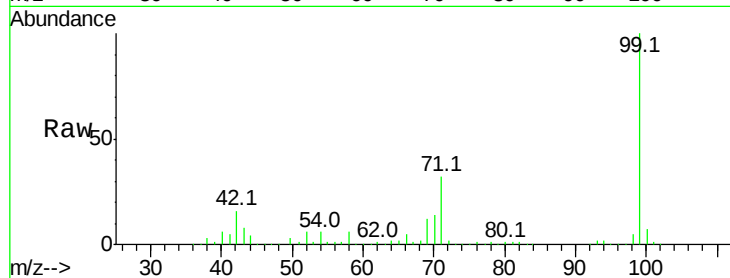
71 32.4 24.5 36.7

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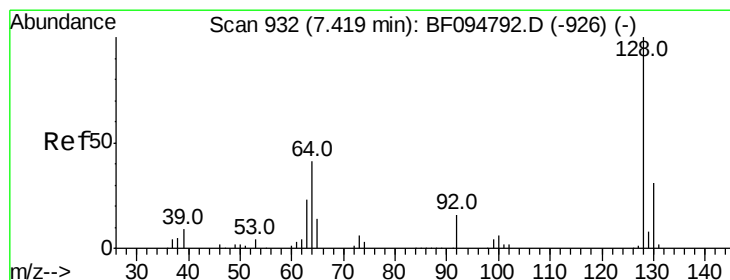
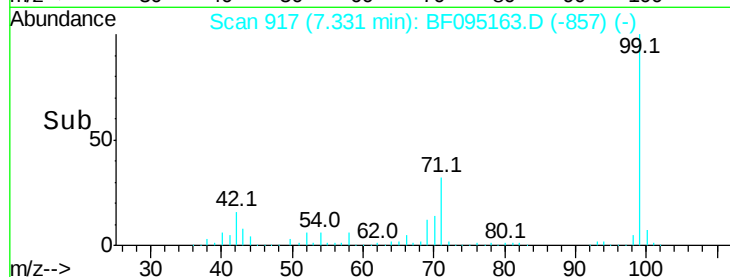
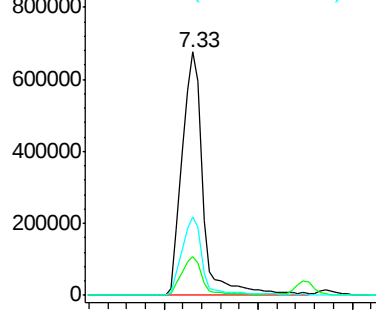
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 54.69 ng

RT: 7.47 min Scan# 941

Delta R.T. 0.05 min

Lab File: BF095163.D

Acq: 16 May 2017 18:53

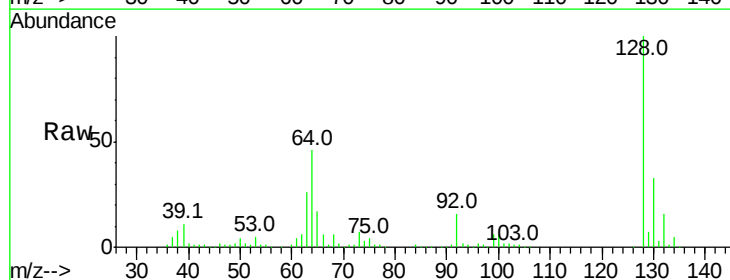
Tgt Ion: 128 Resp: 347128

Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

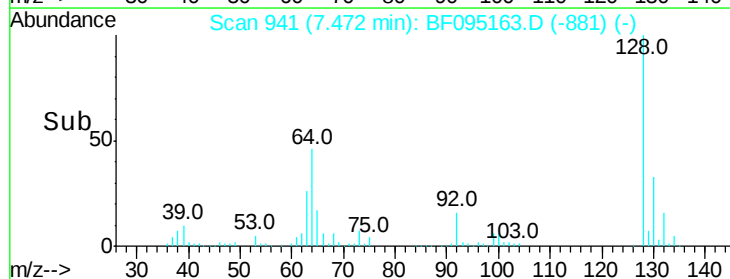
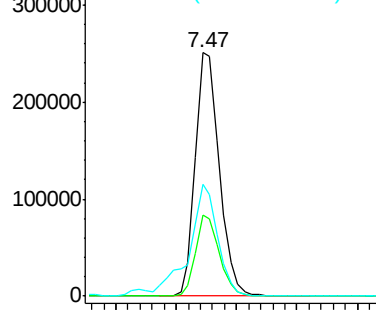
64 46.0 28.4 68.4

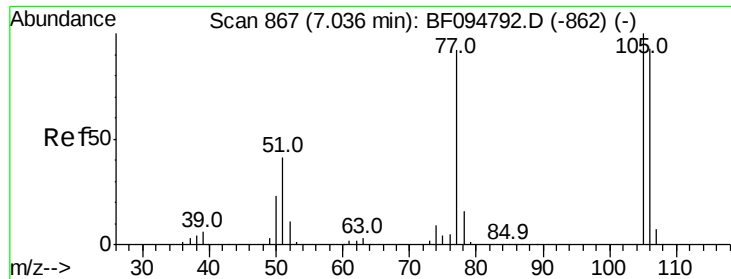


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





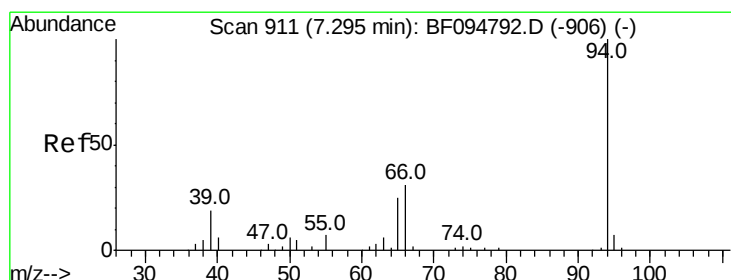
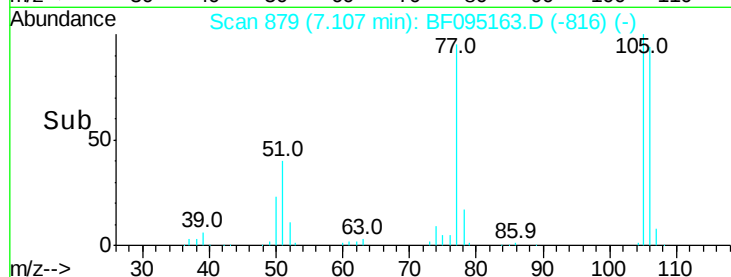
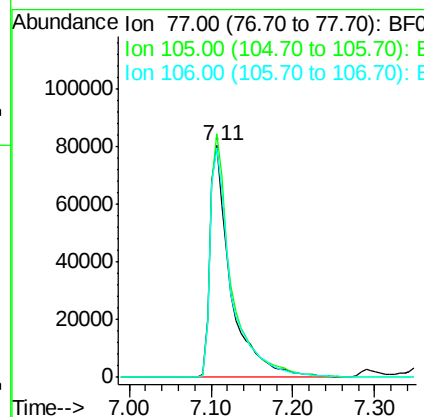
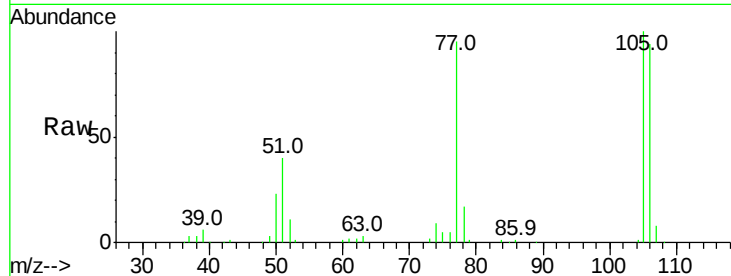
#9
Benzaldehyde
Concen: 34.85 ng
RT: 7.11 min Scan# 879
Delta R.T. 0.07 min
Lab File: BF095163.D
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Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.1	83.8	123.8
106	99.2	79.1	119.1

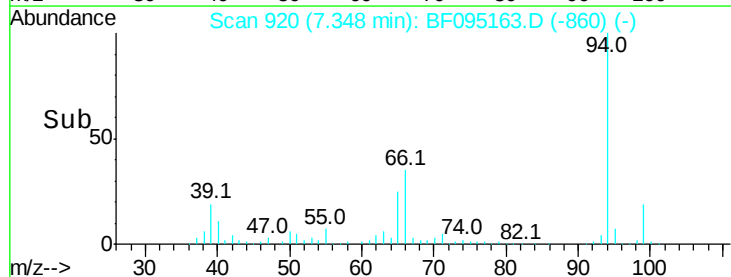
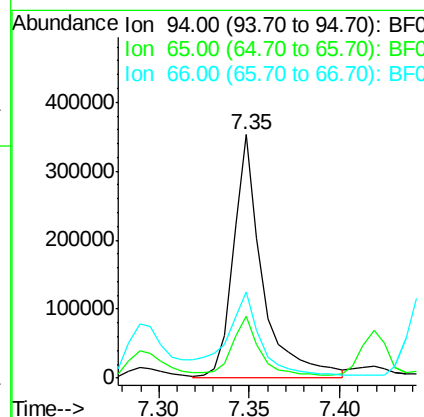
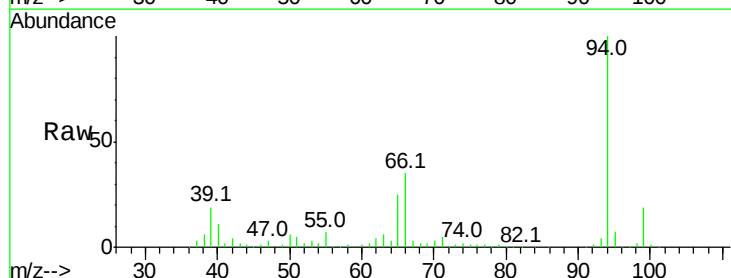
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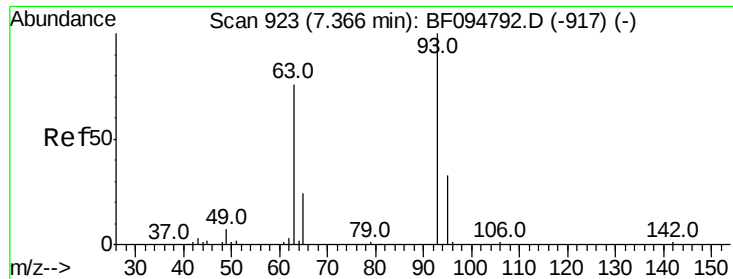
mohammad
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#10
Phenol
Concen: 55.91 ng
RT: 7.35 min Scan# 920
Delta R.T. 0.05 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.4	9.9	49.9
66	35.2	23.1	63.1





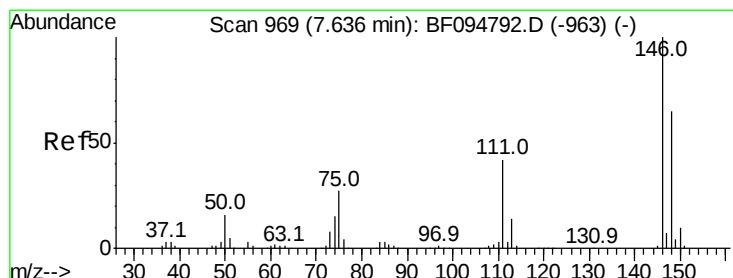
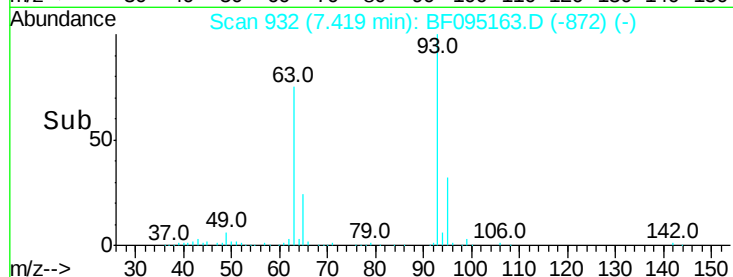
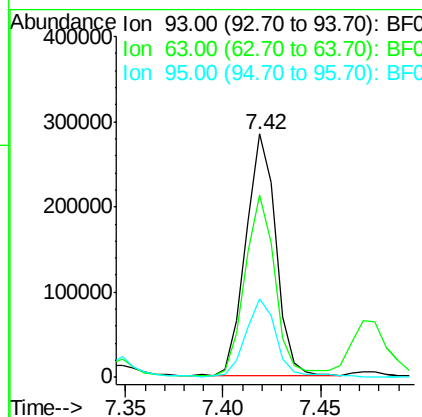
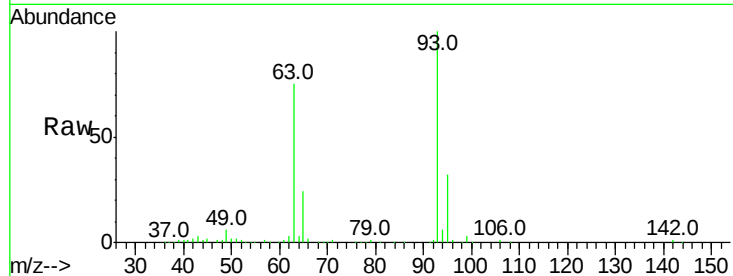
#11
bis(2-Chloroethyl)ether
Concen: 51.67 ng
RT: 7.42 min Scan# 932
Delta R.T. 0.05 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	300778		
63	74.7	59.2	99.2	
95	32.4	12.8	52.8	

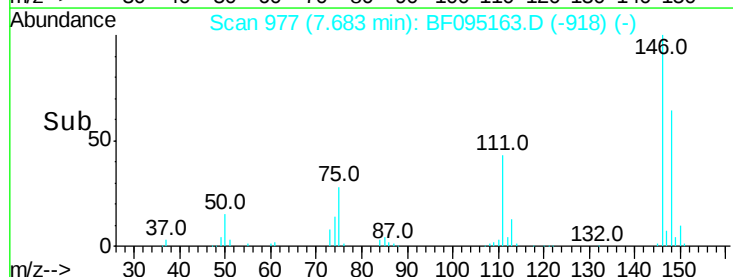
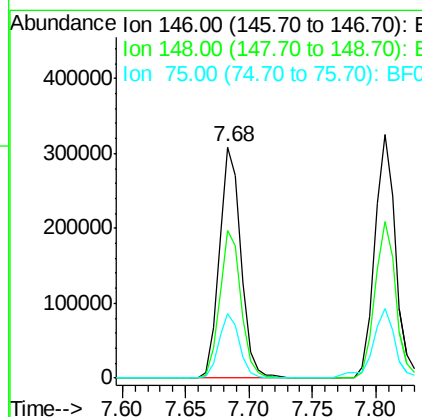
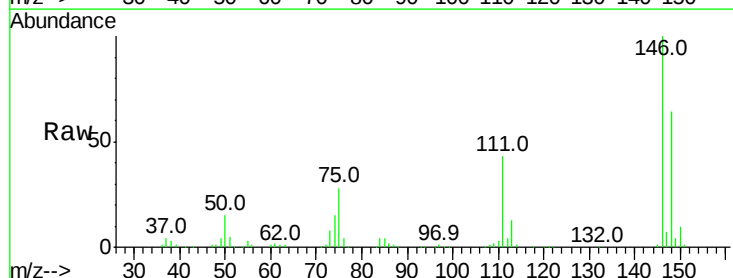
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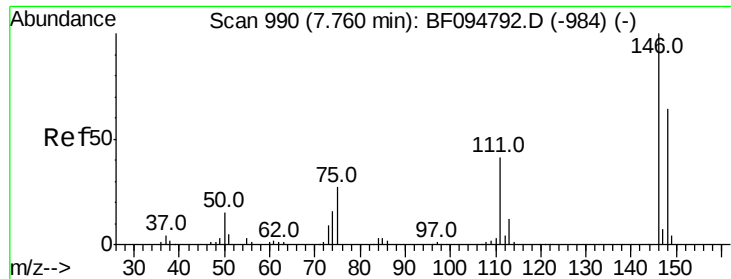
mohammad
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#12
1,3-Dichlorobenzene
Concen: 51.08 ng
RT: 7.68 min Scan# 977
Delta R.T. 0.05 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	367790		
148	63.6	51.8	77.6	
75	28.1	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 51.20 ng

RT: 7.81 min Scan# 998

Delta R.T. 0.05 min

Lab File: BF095163.D

Acq: 16 May 2017 18:53

Instrument :

BNA_F

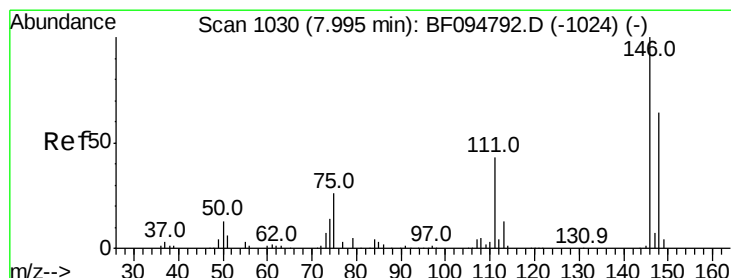
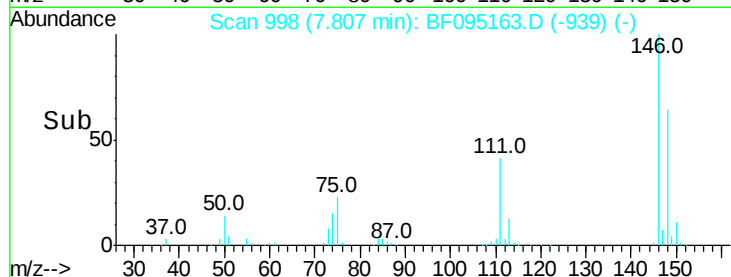
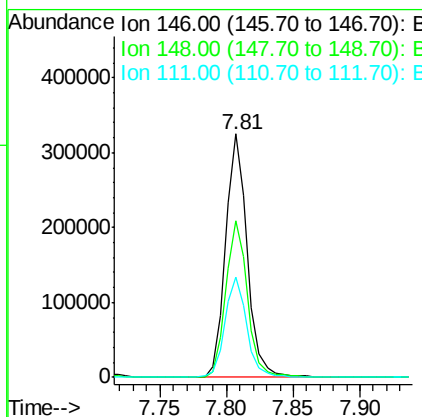
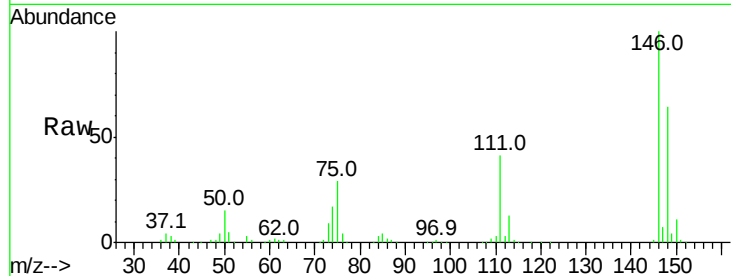
ClientSampleId :

E2-U10-ESWMS

Tot Ion:	146	Resp:	373858
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.2	78.2
111	41.1	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 52.17 ng

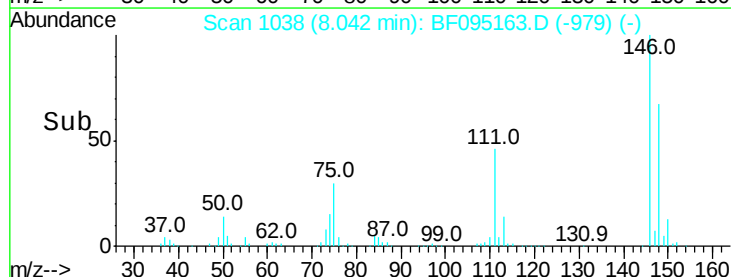
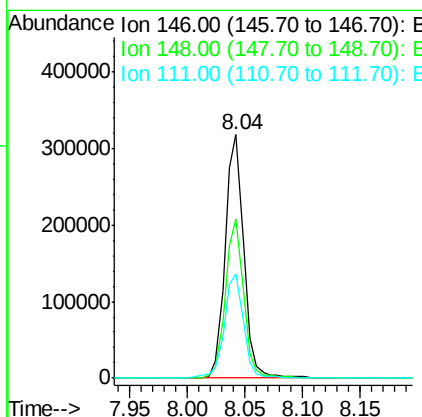
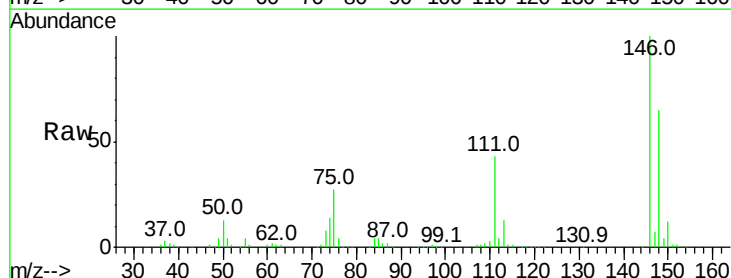
RT: 8.04 min Scan# 1038

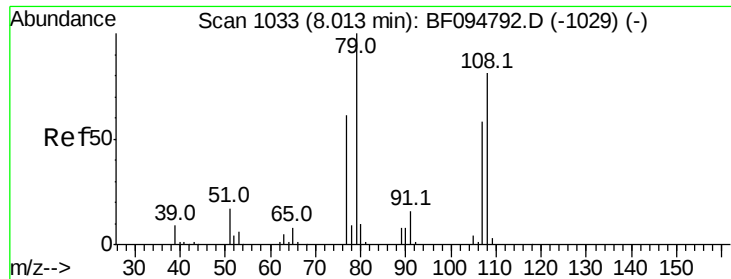
Delta R.T. 0.05 min

Lab File: BF095163.D

Acq: 16 May 2017 18:53

Tgt Ion:	146	Resp:	355585
Ion Ratio	Lower	Upper	
146	100		
148	65.3	50.4	75.6
111	42.5	38.2	57.4





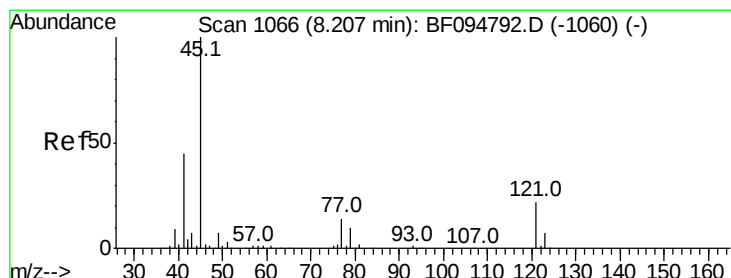
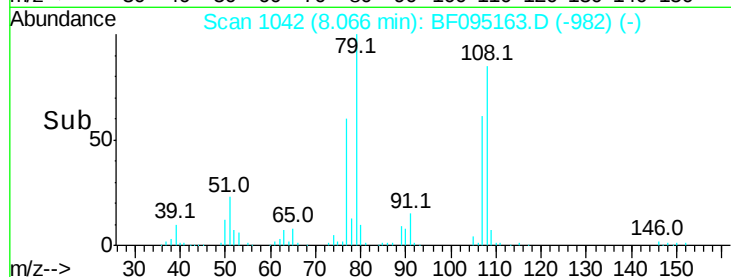
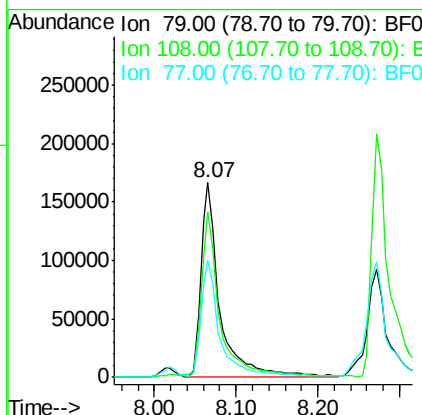
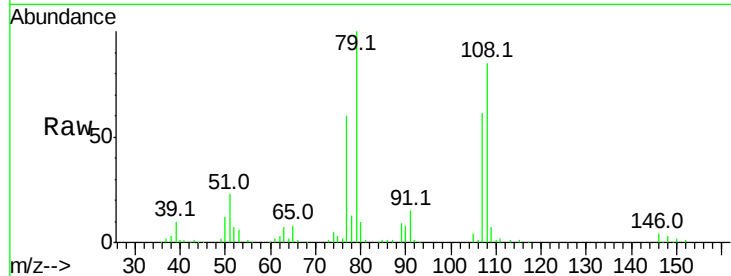
#15
Benzyl Alcohol
Concen: 62.46 ng
RT: 8.07 min Scan# 1042
Delta R.T. 0.05 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMS

Tot Ion: 79 Resp: 268801
Ion Ratio Lower Upper
79 100
108 84.7 63.4 95.0
77 59.7 49.2 73.8

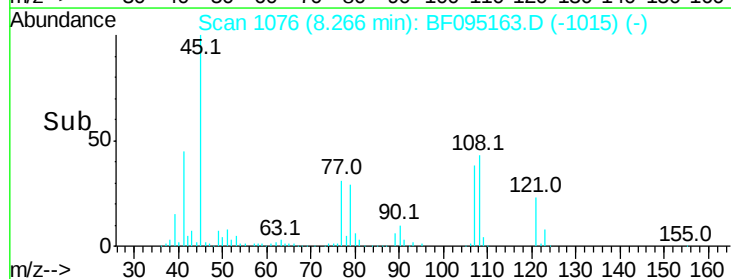
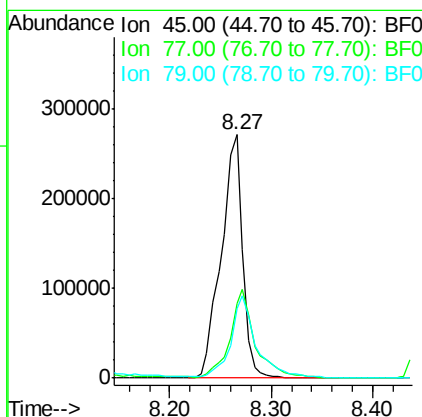
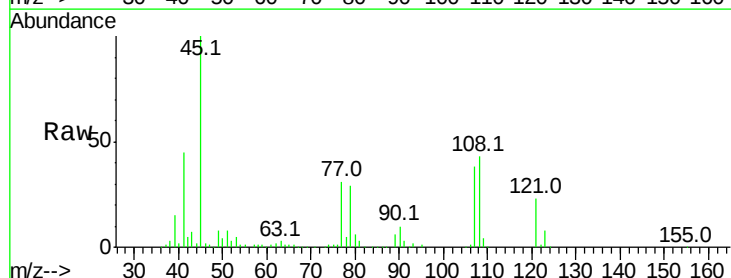
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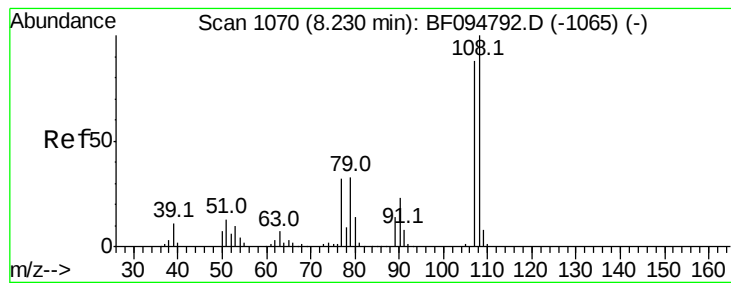
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#16
2,2'-oxybis(1-chloropropane)
Concen: 48.49 ng
RT: 8.27 min Scan# 1076
Delta R.T. 0.06 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Tgt Ion: 45 Resp: 399500
Ion Ratio Lower Upper
45 100
77 30.8 0.0 33.2
79 28.6 0.0 30.0





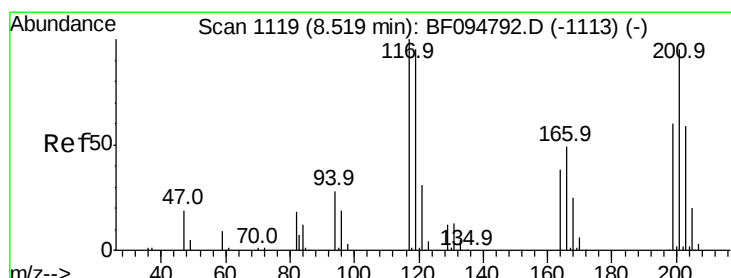
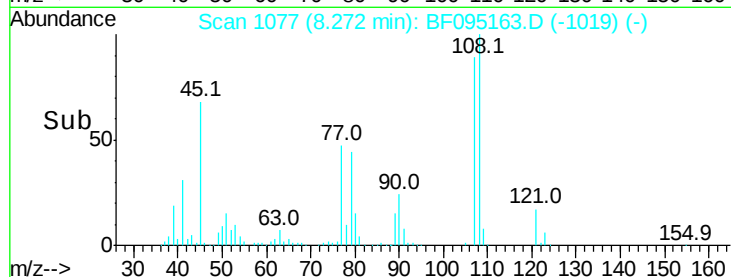
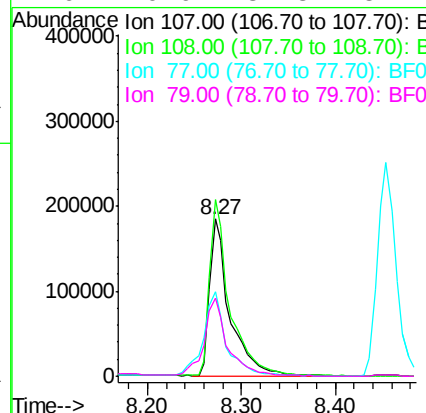
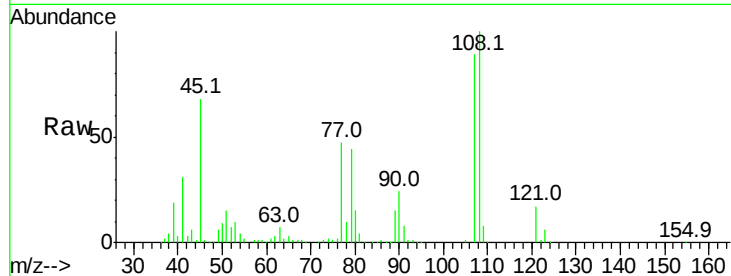
#17
2-Methylphenol
Concen: 53.35 ng
RT: 8.27 min Scan# 1077
Delta R.T. 0.04 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	93.4	140.0	
77	53.6	35.8	53.6	
79	49.9	34.8	52.2	

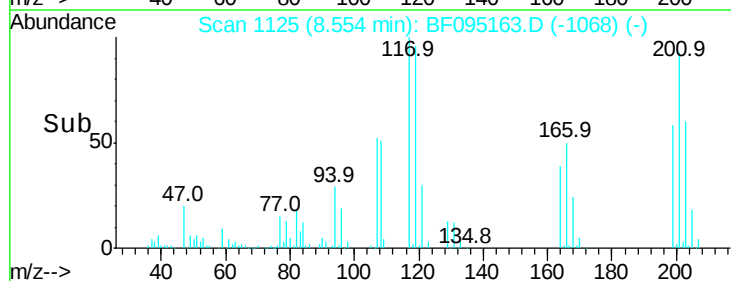
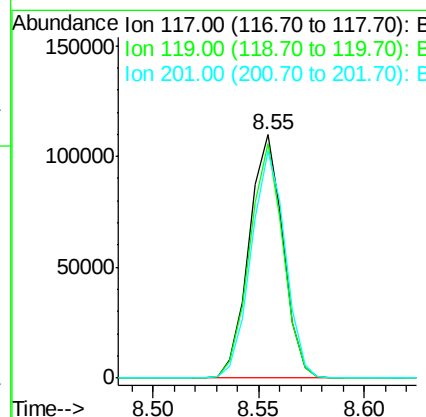
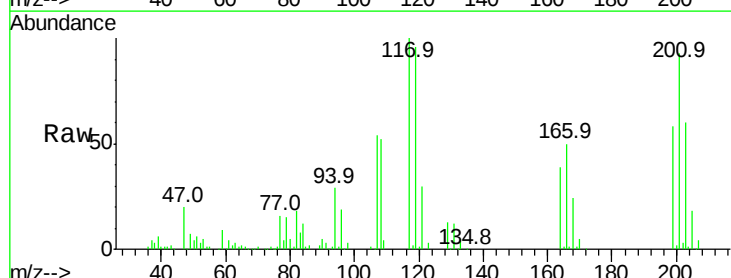
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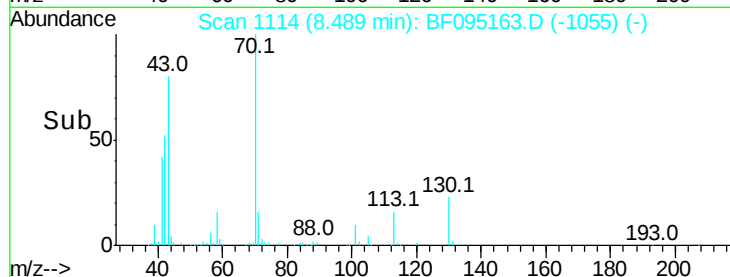
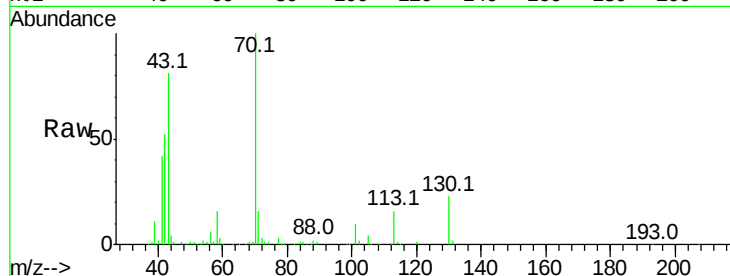
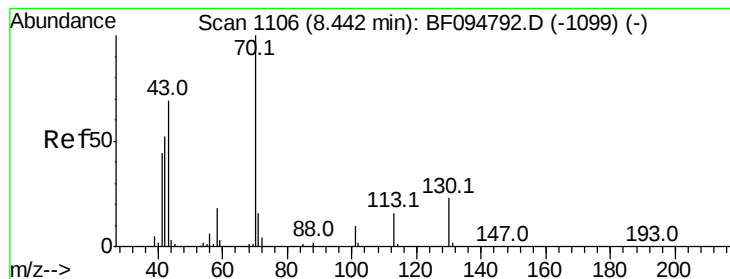
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#18
Hexachloroethane
Concen: 49.58 ng
RT: 8.55 min Scan# 1125
Delta R.T. 0.04 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	77.4	116.0	
201	93.0	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 53.87 ng

RT: 8.49 min Scan# 1114

Delta R.T. 0.05 min

Lab File: BF095163.D

Acq: 16 May 2017 18:53

Instrument :

BNA_F

ClientSampleId :

E2-U10-ESWMS

Tot Ion: 70 Resp: 243773

Ion Ratio Lower Upper

70 100

42 51.9 47.2 70.8

101 9.8 7.2 10.8

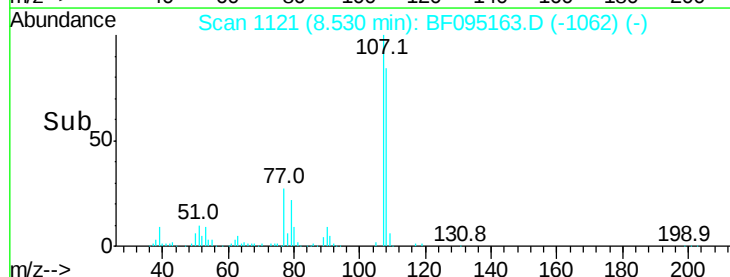
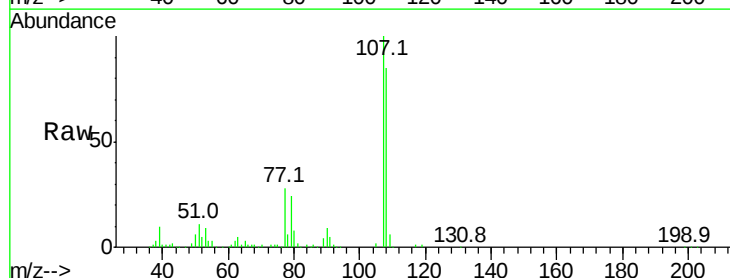
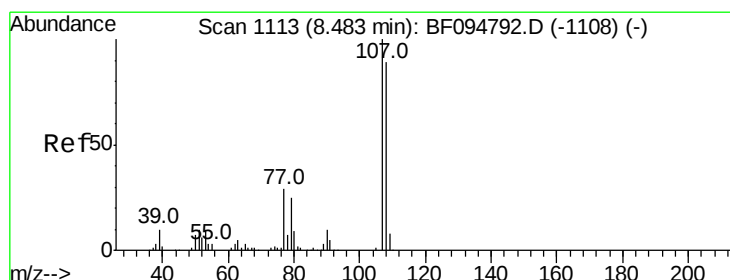
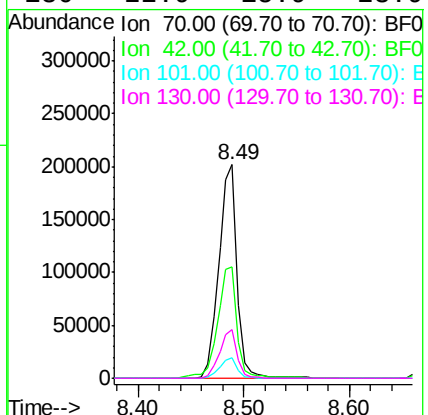
130 22.9 15.9 23.9

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#20

3+4-Methylphenols

Concen: 52.04 ng

RT: 8.53 min Scan# 1121

Delta R.T. 0.05 min

Lab File: BF095163.D

Acq: 16 May 2017 18:53

Tgt Ion: 107 Resp: 367344

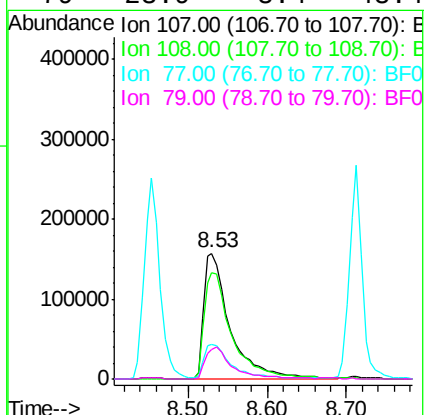
Ion Ratio Lower Upper

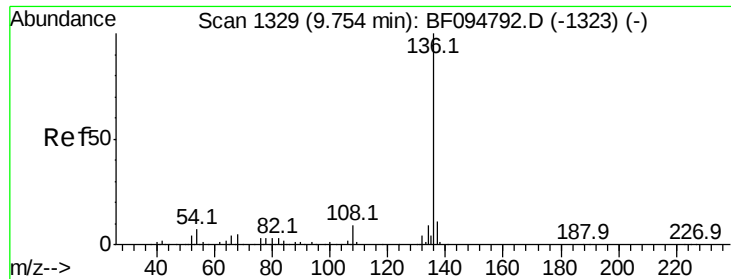
107 100

108 84.8 71.0 111.0

77 27.6 90.5 130.5#

79 23.9 8.4 48.4





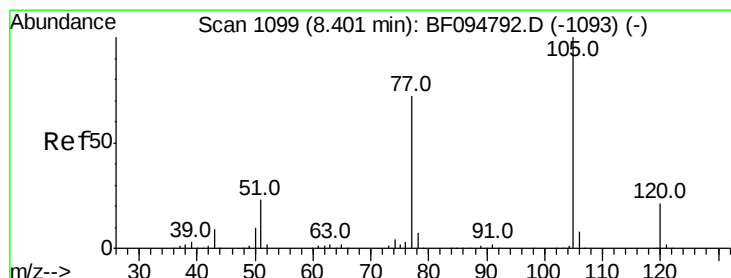
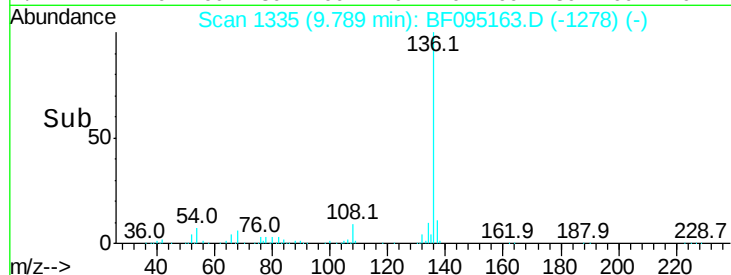
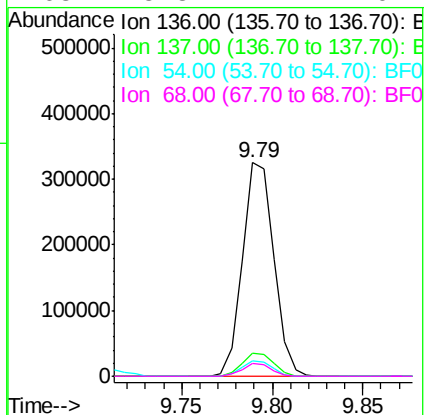
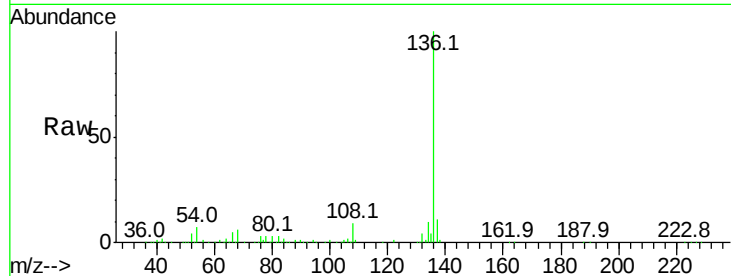
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	390881		
137	11.0	8.5	12.7	
54	7.2	4.9	7.3	
68	5.8	4.1	6.1	

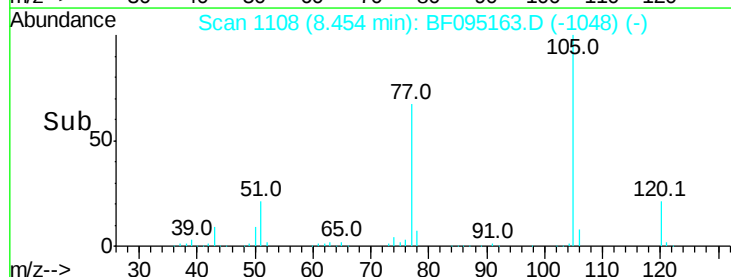
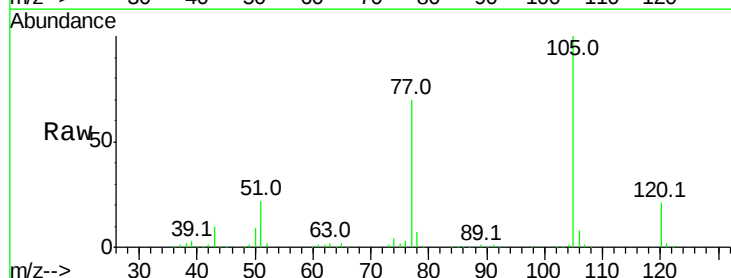
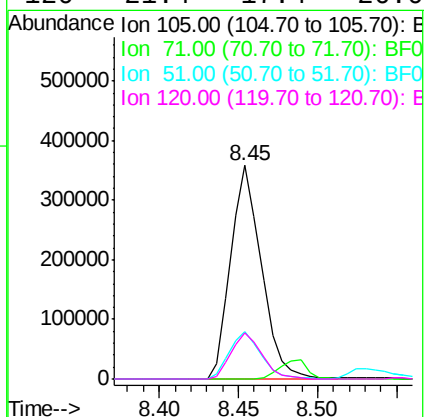
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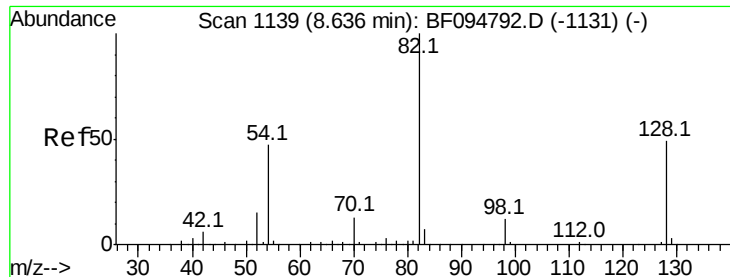
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#22
Acetophenone
Concen: 51.63 ng
RT: 8.45 min Scan# 1108
Delta R.T. 0.05 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	484210		
71	0.0	2.8	4.2#	
51	22.4	30.7	46.1#	
120	21.4	17.4	26.0	





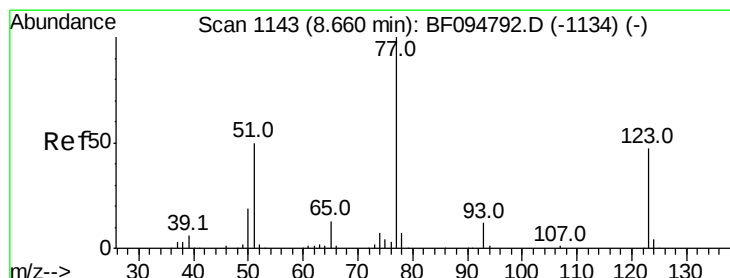
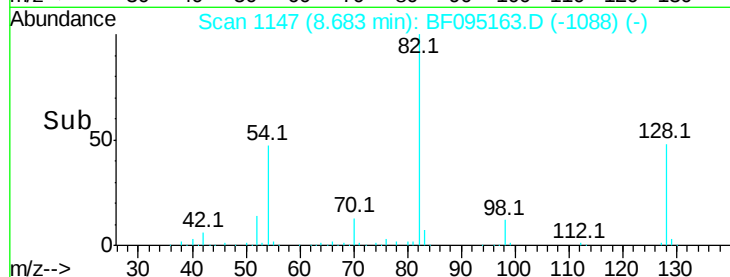
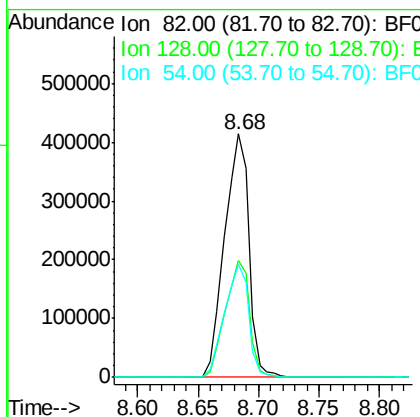
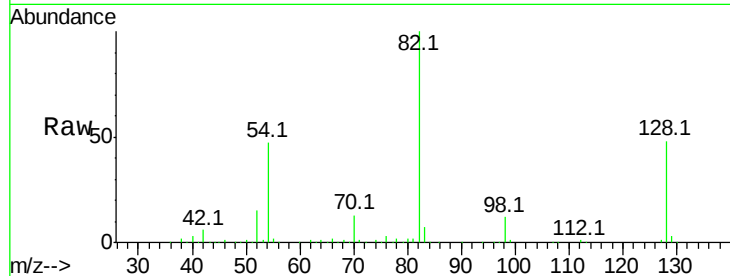
#23
 Nitrobenzene-d5
 Concen: 93.20 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. 0.05 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Instrument :
 BNA_F
 ClientSampled :
 E2-U10-ESWMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.9	34.0	51.0	
54	46.6	42.2	63.2	

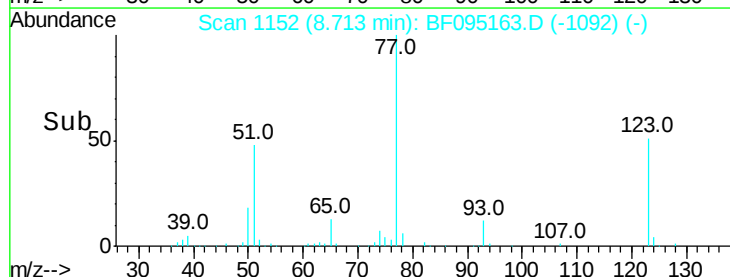
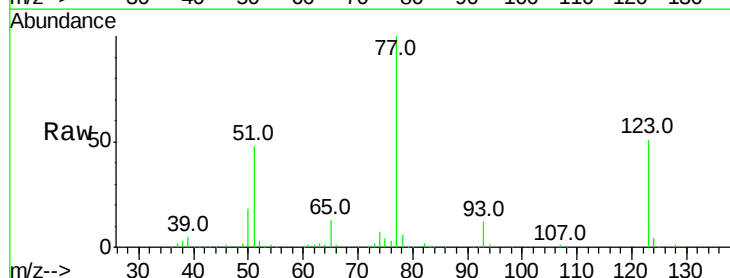
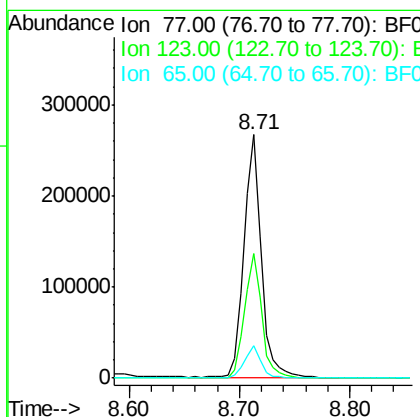
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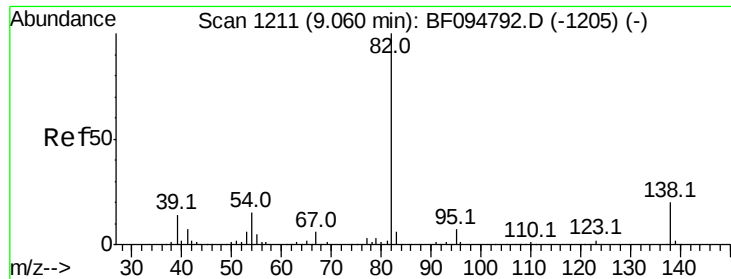
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#24
 Nitrobenzene
 Concen: 45.41 ng
 RT: 8.71 min Scan# 1152
 Delta R.T. 0.05 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.2	35.8	53.8	
65	13.2	10.6	15.8	





#25

Isophorone

Concen: 50.29 ng

RT: 9.11 min Scan# 1219

Delta R.T. 0.05 min

Lab File: BF095163.D

Acq: 16 May 2017 18:53

Instrument :

BNA_F

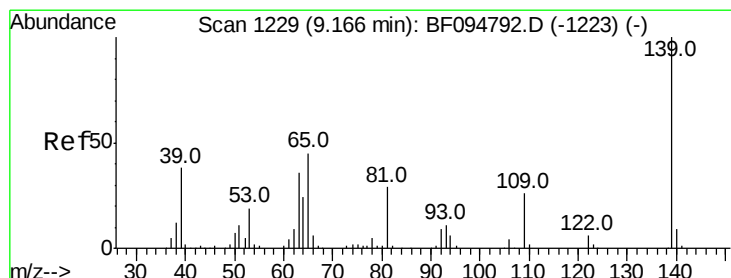
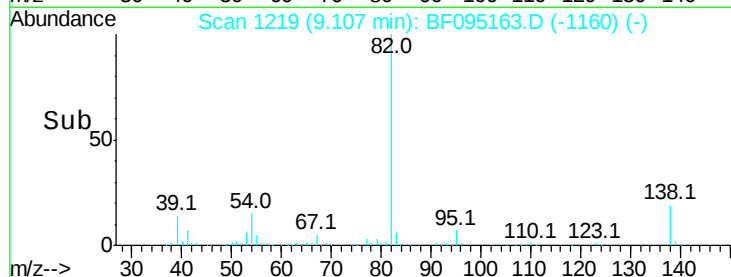
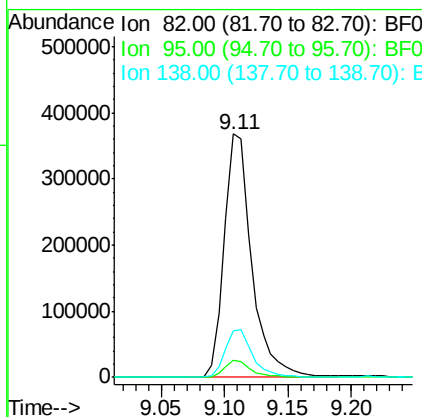
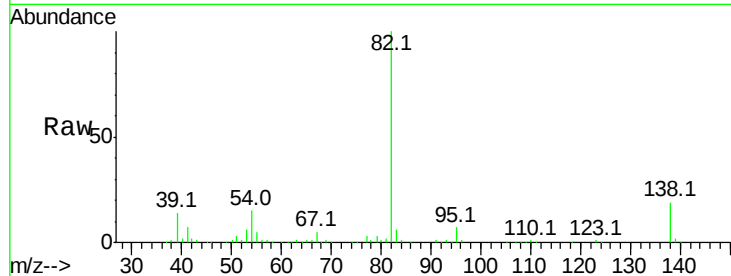
ClientSampleId :

E2-U10-ESWMS

Tot Ion:	82	Resp:	556655
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.3	7.9
138	19.0	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.73 ng

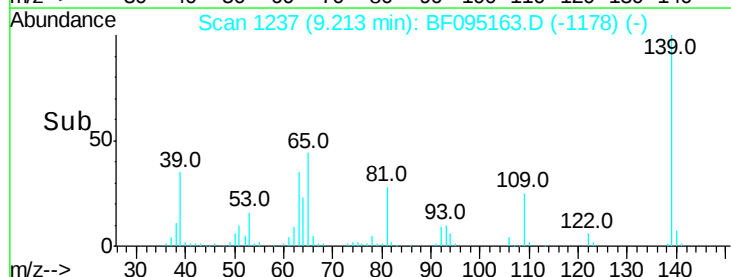
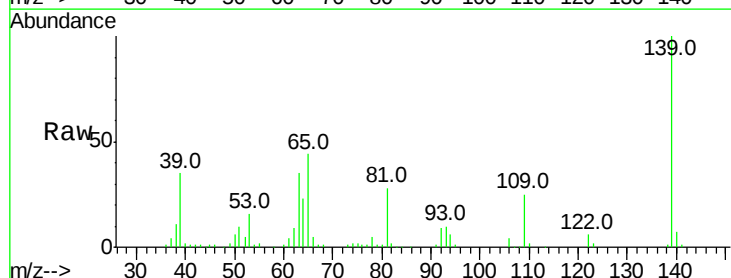
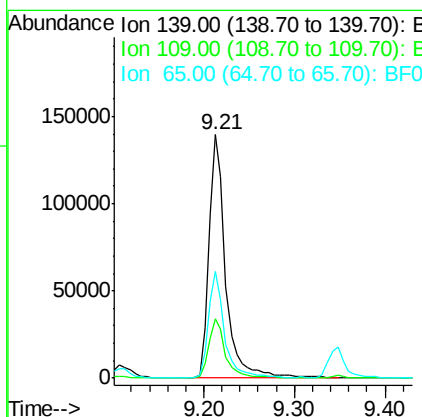
RT: 9.21 min Scan# 1237

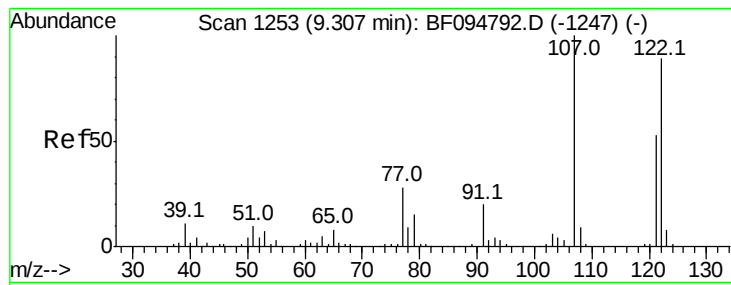
Delta R.T. 0.05 min

Lab File: BF095163.D

Acq: 16 May 2017 18:53

Tgt Ion:	139	Resp:	181372
Ion Ratio	Lower	Upper	
139	100		
109	24.5	21.0	31.6
65	43.6	33.0	49.6





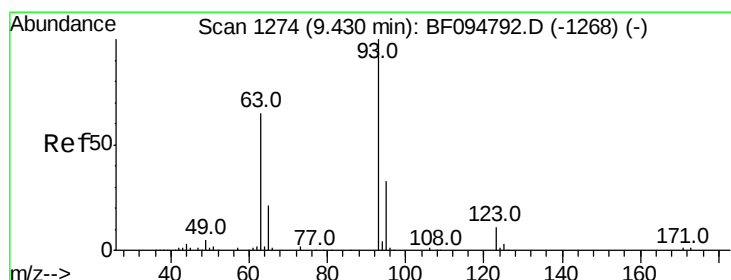
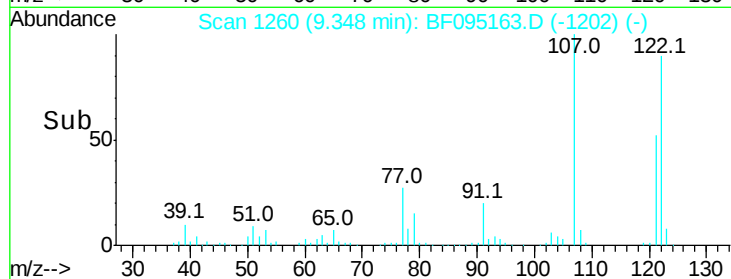
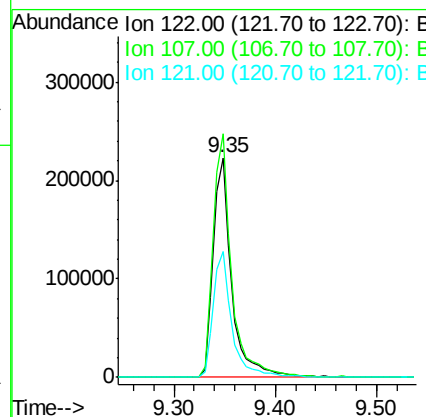
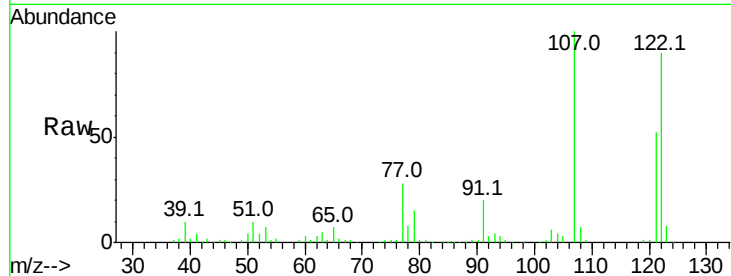
#27
 2,4-Dimethylphenol
 Concen: 49.96 ng
 RT: 9.35 min Scan# 1260
 Delta R.T. 0.04 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMS

Tot Ion:	122	Resp:	283216
Ion Ratio	Lower	Upper	
122	100		
107	111.0	89.2	133.8
121	57.4	45.2	67.8

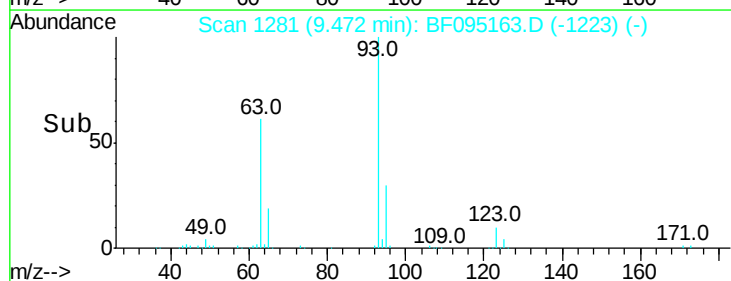
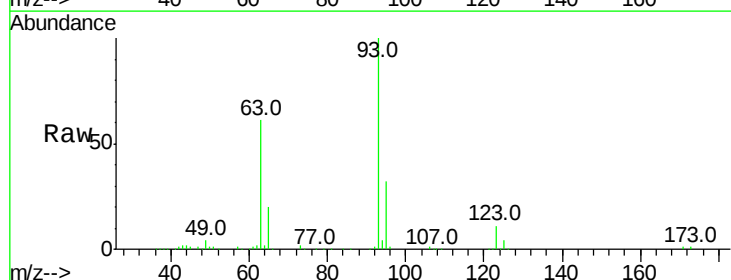
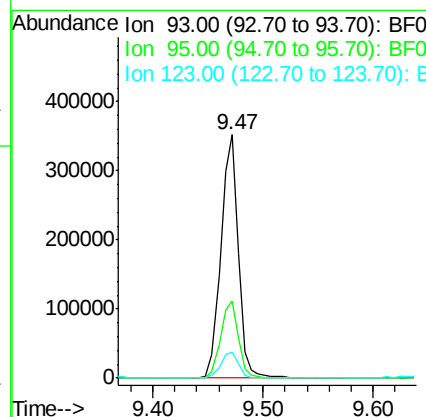
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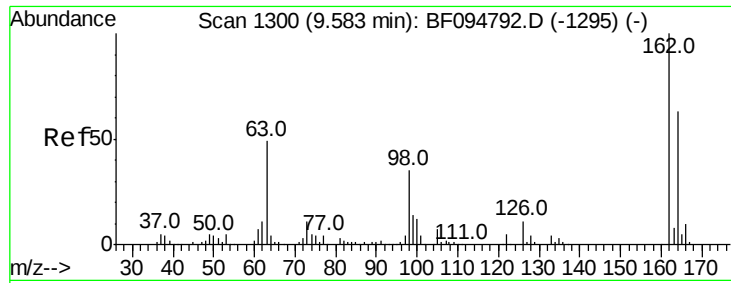
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 50.15 ng
 RT: 9.47 min Scan# 1281
 Delta R.T. 0.04 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Tgt Ion:	93	Resp:	384009
Ion Ratio	Lower	Upper	
93	100		
95	31.7	26.5	39.7
123	10.6	9.0	13.4





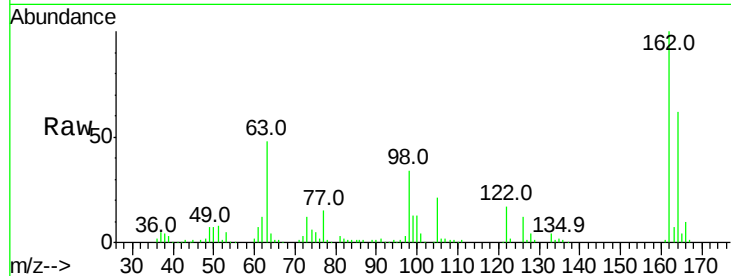
#29
 2,4-Dichlorophenol
 Concen: 54.09 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.05 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMS

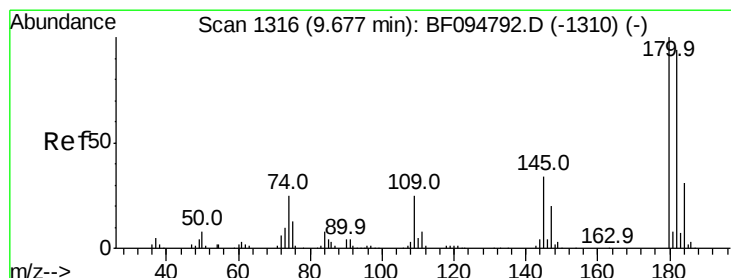
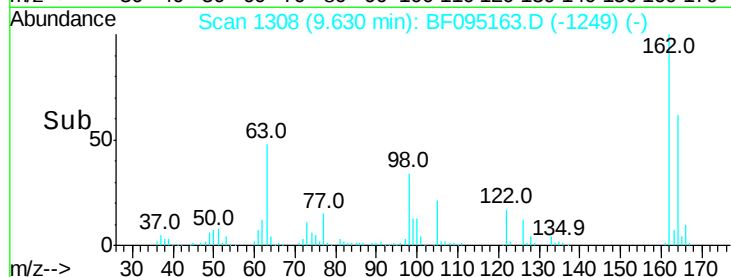
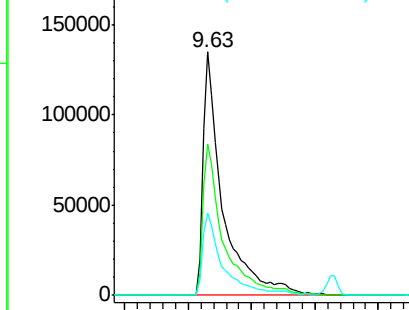
Tot Ion	Ratio	Resp	Lower	Upper
162	100	289481		
164	62.0		44.6	84.6
98	33.7		14.8	54.8

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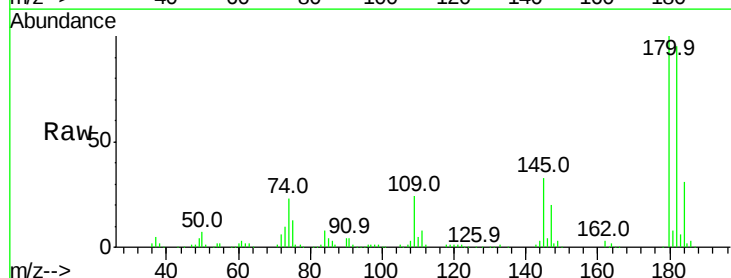


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

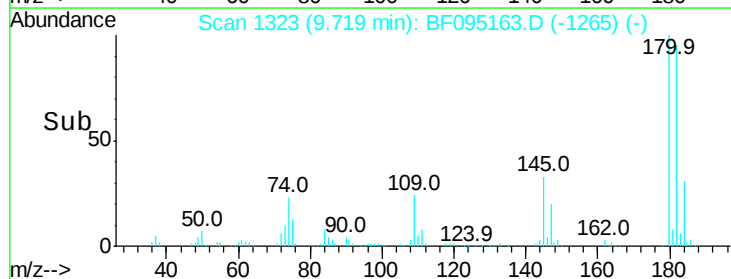
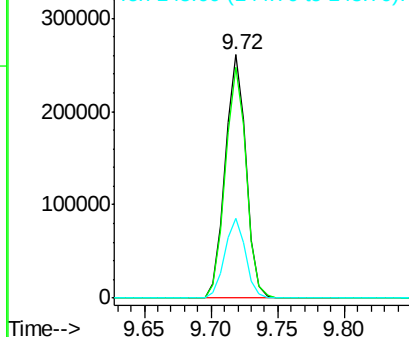


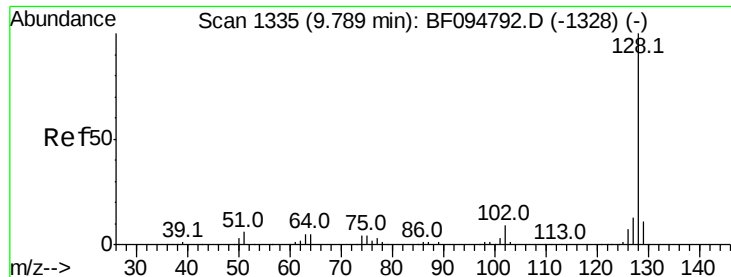
#30
 1,2,4-Trichlorobenzene
 Concen: 50.19 ng
 RT: 9.72 min Scan# 1323
 Delta R.T. 0.04 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	287770		
182	94.9		75.8	113.6
145	32.9		25.3	37.9



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





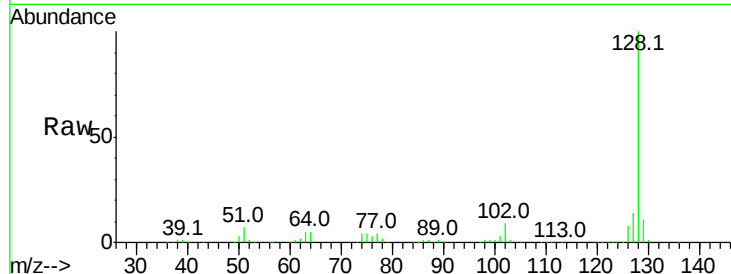
#31
Naphthalene
Concen: 52.06 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.04 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMS

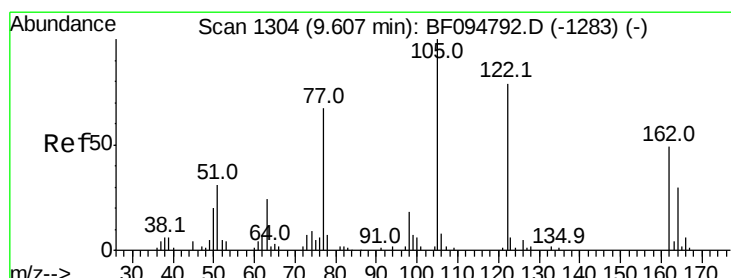
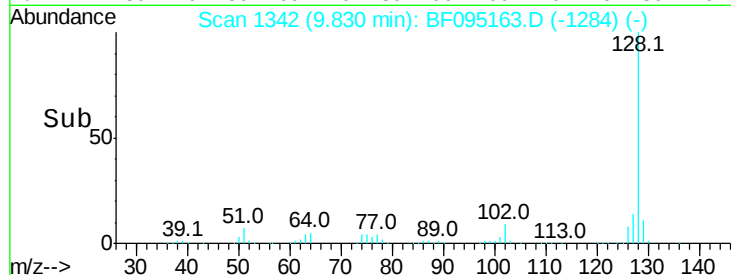
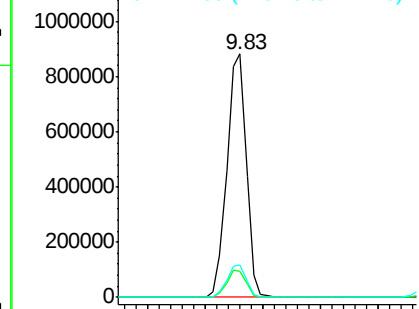
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.5	10.8	16.2

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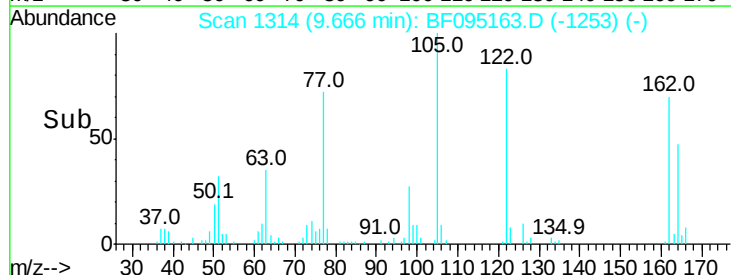
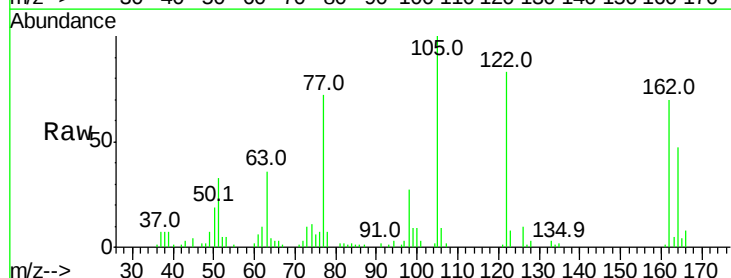
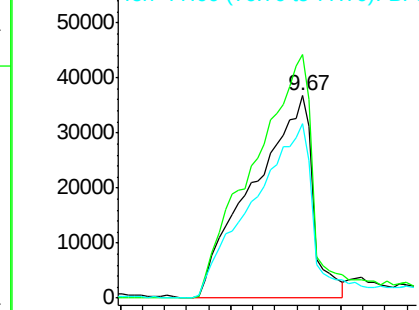
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

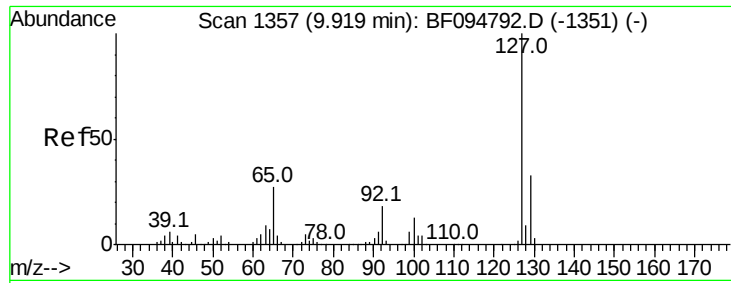


#32
Benzoic acid
Concen: 38.30 ng
RT: 9.67 min Scan# 1314
Delta R.T. 0.06 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.3	103.3	143.3
77	86.1	73.7	113.7

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





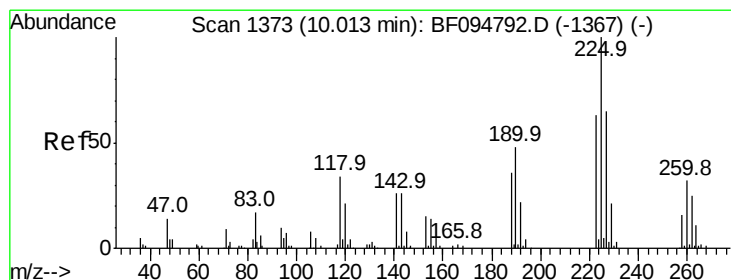
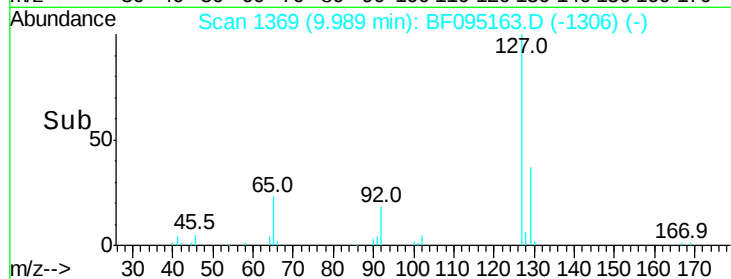
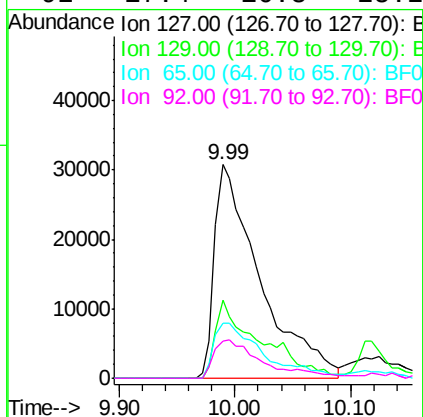
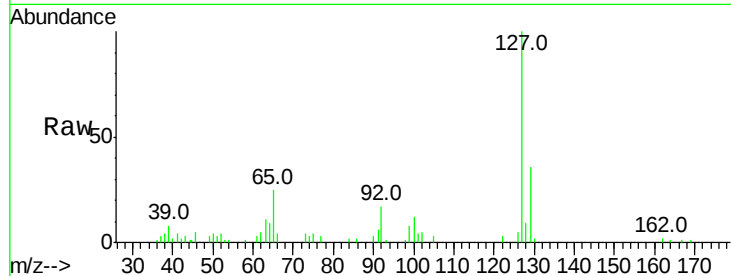
#33
 4-Chloroaniline
 Concen: 11.51 ng
 RT: 9.99 min Scan# 1369
 Delta R.T. 0.07 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	36.3	26.2	39.2		
65	25.5	27.8	41.8		
92	17.4	16.8	25.2		

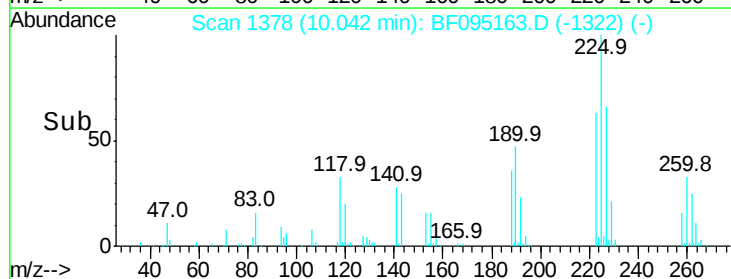
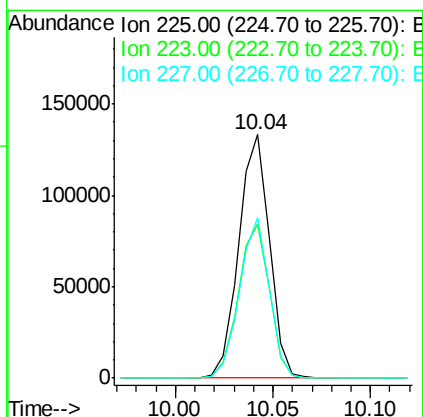
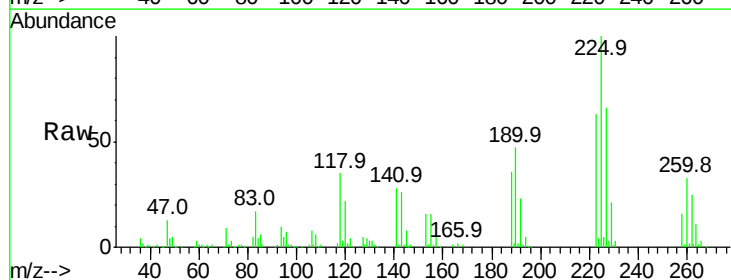
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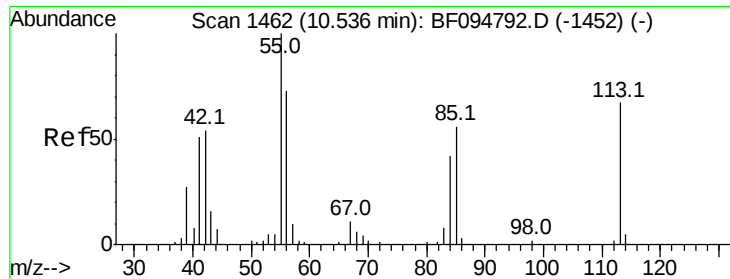
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#34
 Hexachlorobutadiene
 Concen: 47.92 ng
 RT: 10.04 min Scan# 1378
 Delta R.T. 0.03 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	48.8	73.2		
227	65.8	51.1	76.7		





#35

Caprolactam

Concen: 50.10 ng/mL

RT: 10.61 min Scan# 1474

Delta R.T. 0.07 min

Lab File: BF095163.D

Acq: 16 May 2017 18:53

Instrument :

BNA_F

ClientSampleId :

E2-U10-ESWMS

Tot Ion:113 Resp: 80518

Ion Ratio Lower Upper

113 100

55 151.8 150.2 190.2

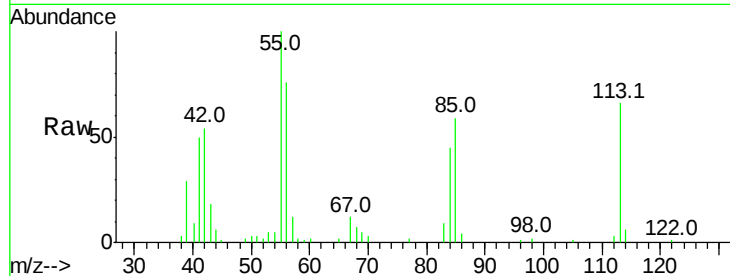
56 115.2 107.8 147.8

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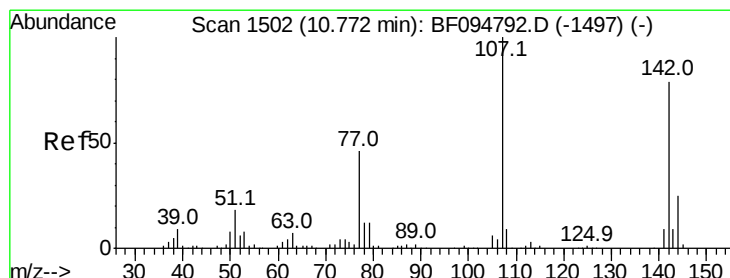
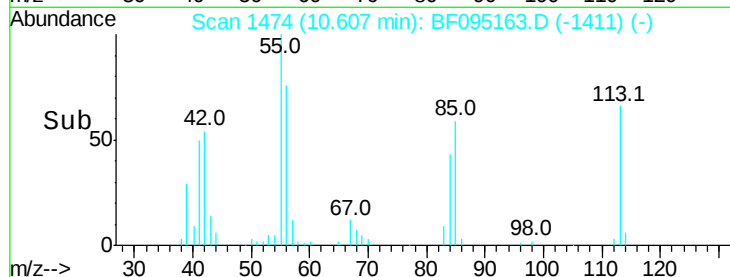
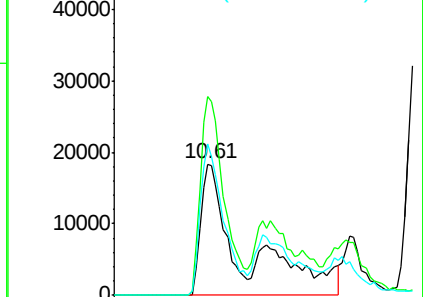
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 52.77 ng/mL

RT: 10.82 min Scan# 1511

Delta R.T. 0.05 min

Lab File: BF095163.D

Acq: 16 May 2017 18:53

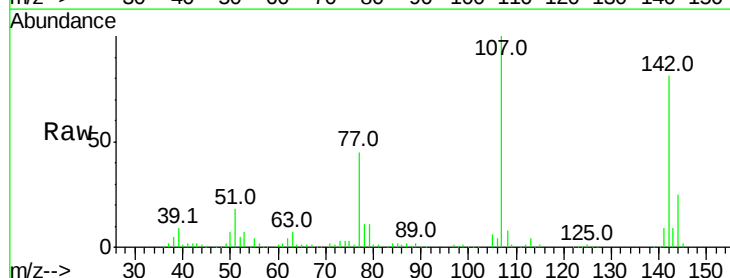
Tgt Ion:107 Resp: 301954

Ion Ratio Lower Upper

107 100

144 25.3 24.2 36.4

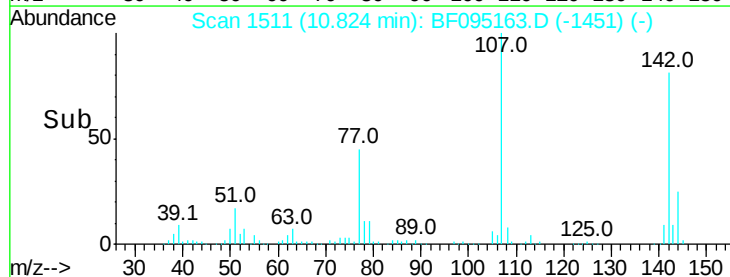
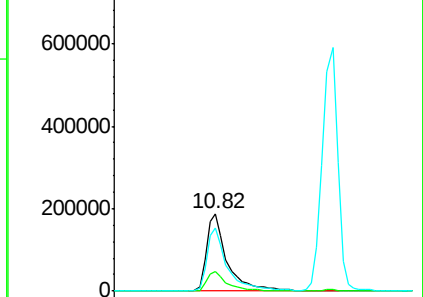
142 81.2 73.4 110.0

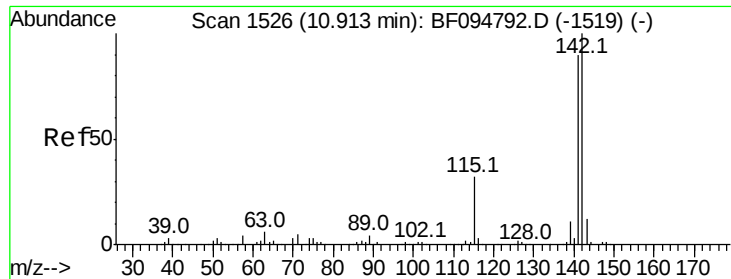


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





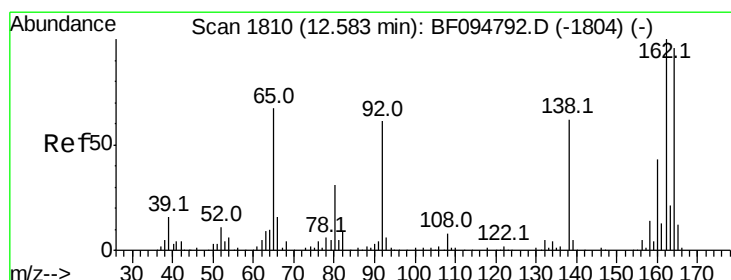
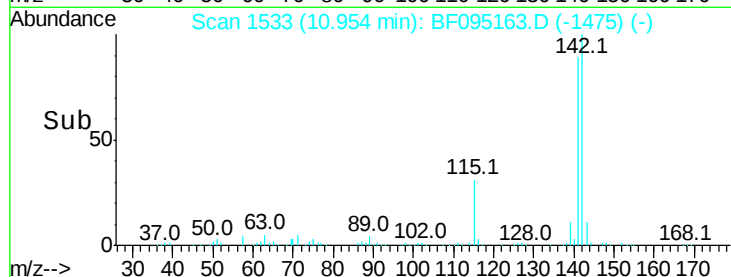
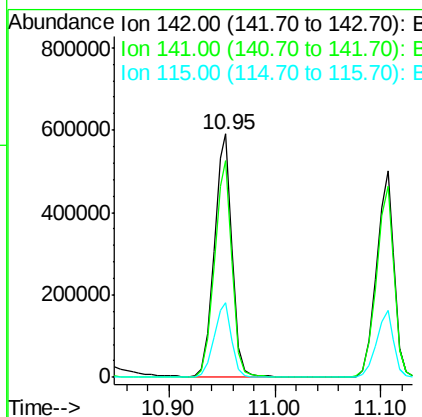
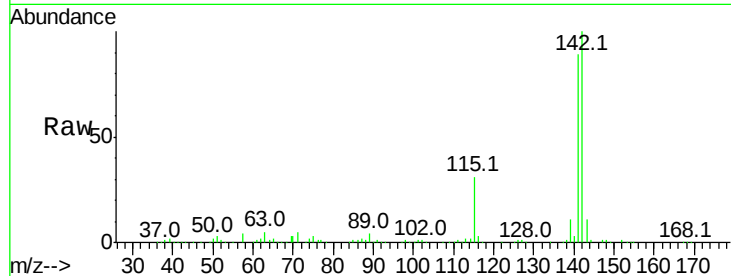
#37
2-Methylnaphthalene
Concen: 54.28 ng
RT: 10.95 min Scan# 1533
Delta R.T. 0.04 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9
115	30.9	27.1	40.7

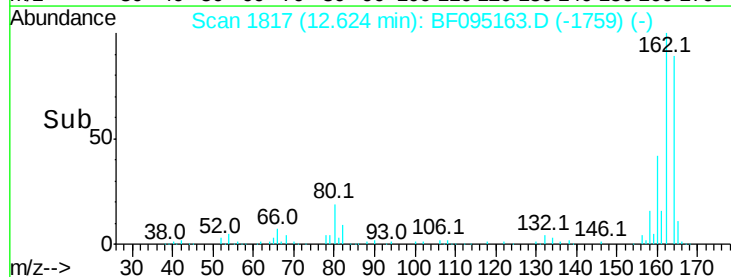
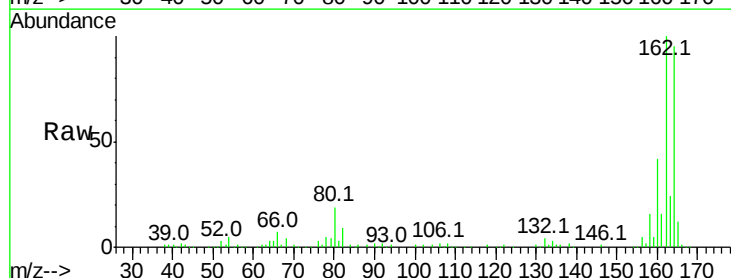
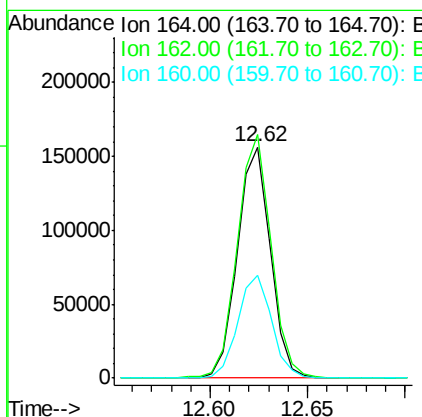
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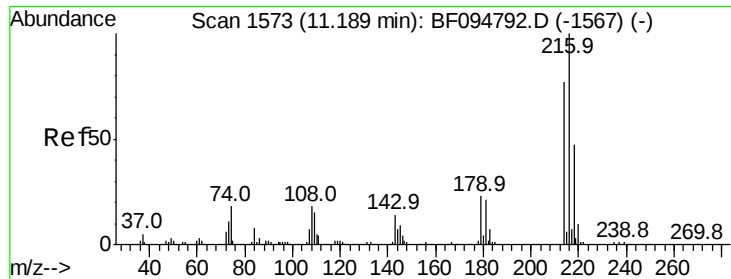
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1817
Delta R.T. 0.04 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	44.7	36.2	54.2





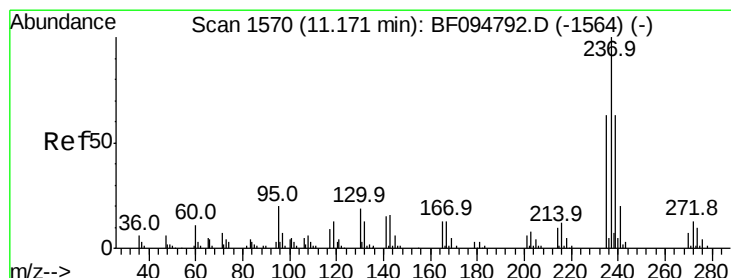
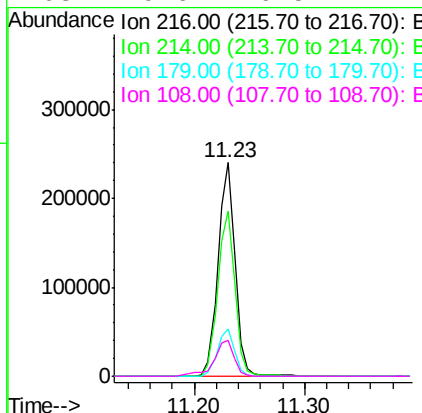
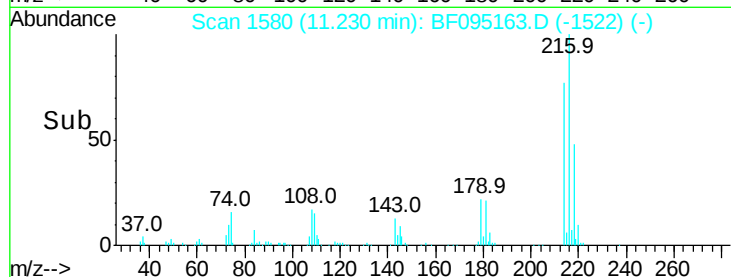
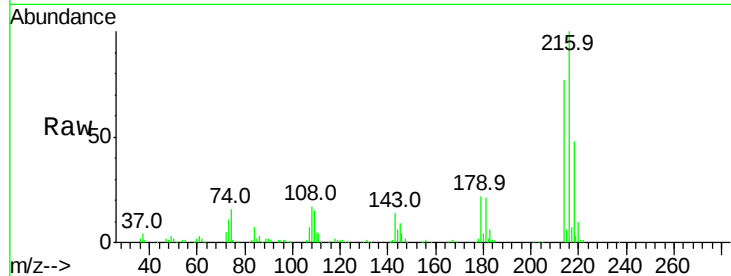
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.81 ng
 RT: 11.23 min Scan# 1580
 Delta R.T. 0.04 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	257243		
214	78.2	63.4	95.2	
179	22.1	17.9	26.9	
108	19.6	16.5	24.7	

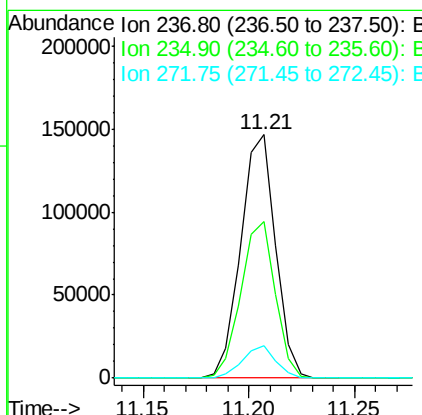
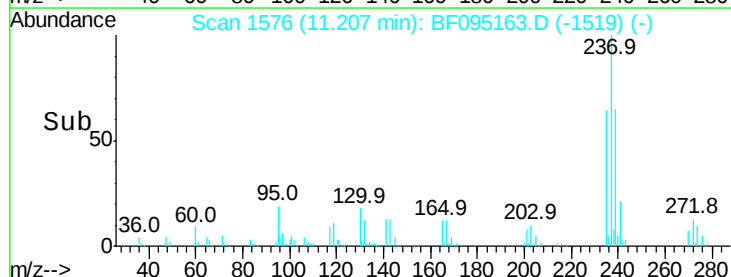
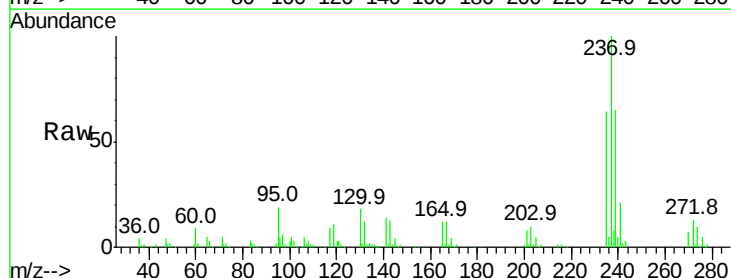
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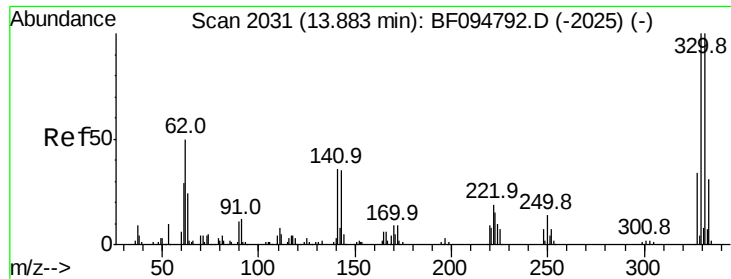
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#40
 Hexachlorocyclopentadiene
 Concen: 71.63 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. 0.04 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	167483		
235	64.4	42.6	82.6	
272	13.1	0.0	31.9	





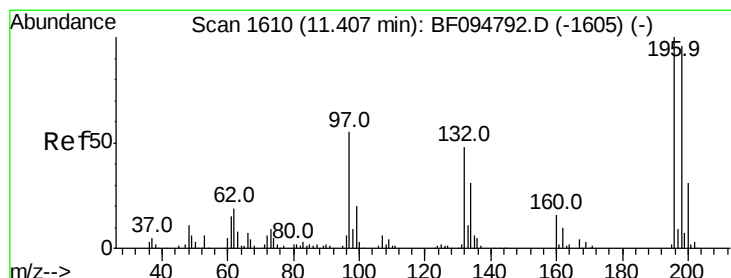
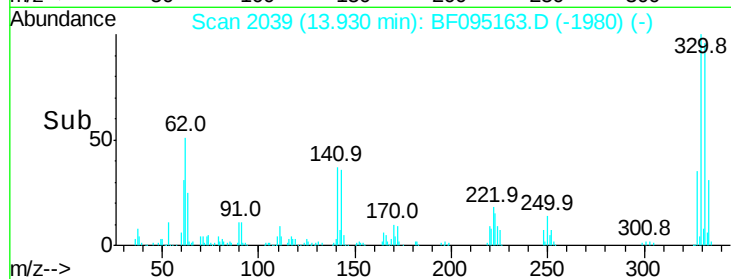
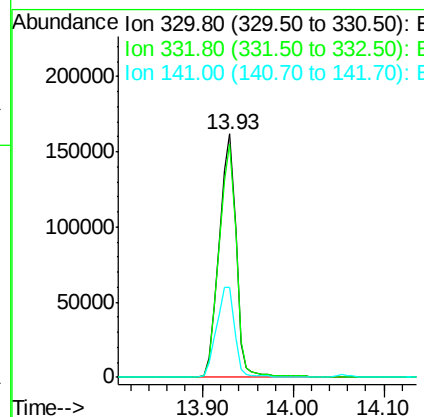
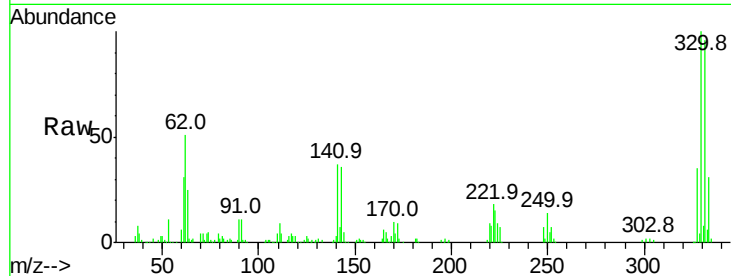
#41
 2,4,6-Tribromophenol
 Concen: 141.76 ng
 RT: 13.93 min Scan# 2039
 Delta R.T. 0.05 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	211996		
332	96.8	76.6	115.0	
141	40.1	31.4	47.2	

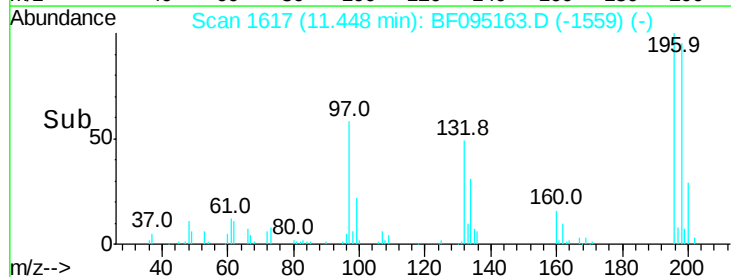
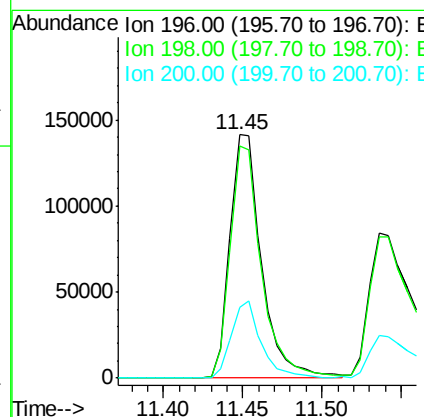
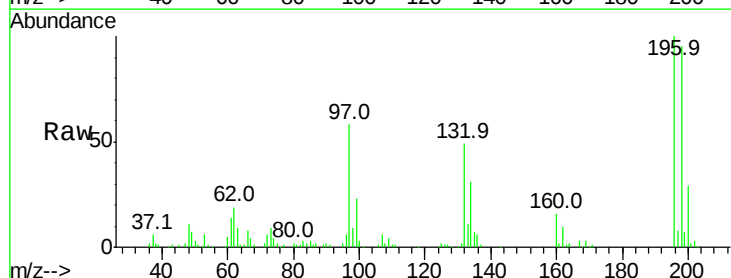
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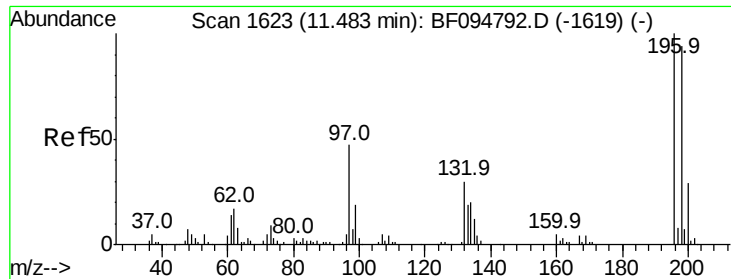
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 52.29 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. 0.04 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	196058		
198	95.3	74.2	111.4	
200	29.0	24.0	36.0	





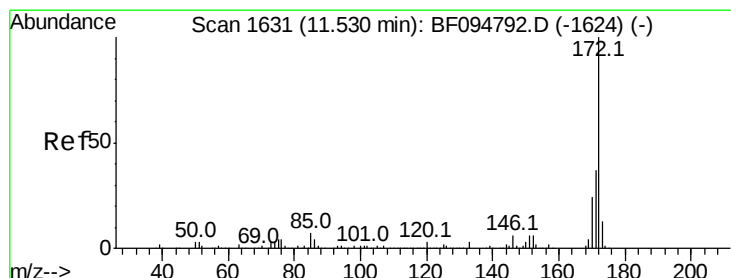
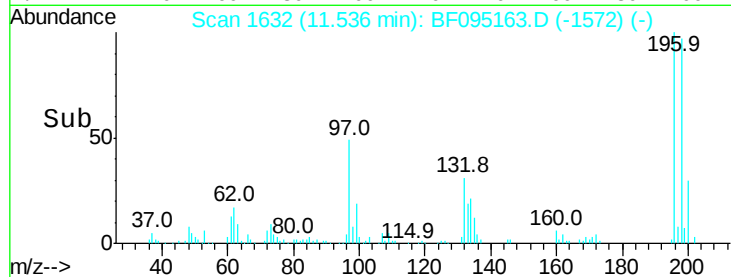
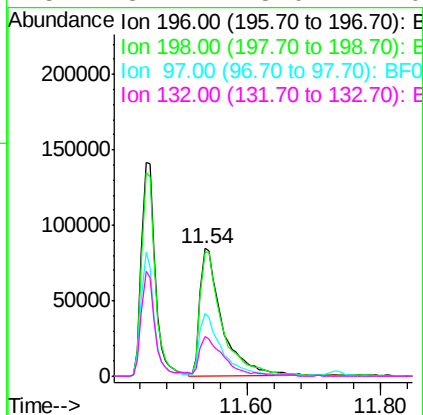
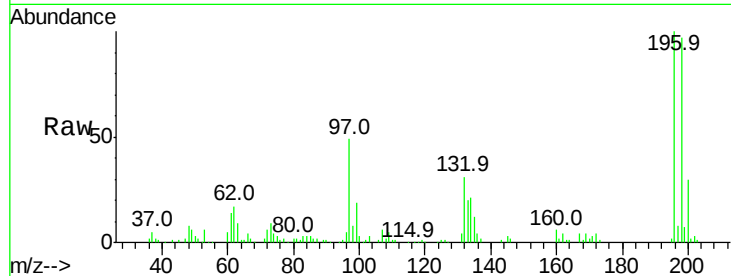
#43
 2,4,5-Trichlorophenol
 Concen: 48.15 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.05 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	194046		
198	97.4	75.7	113.5	
97	49.5	47.7	71.5	
132	31.2	28.0	42.0	

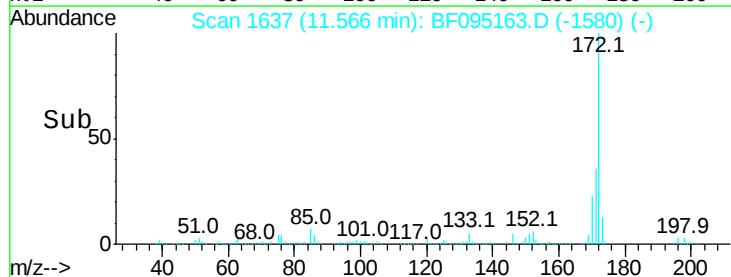
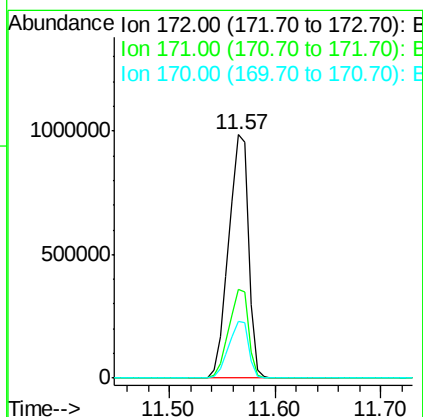
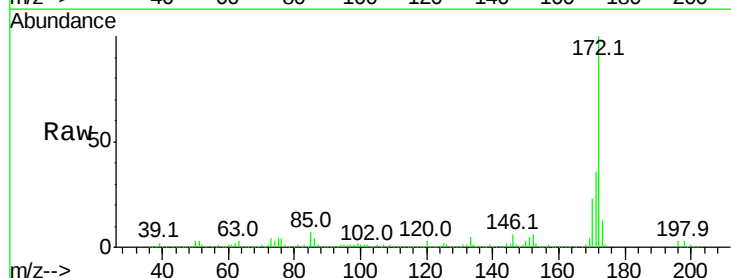
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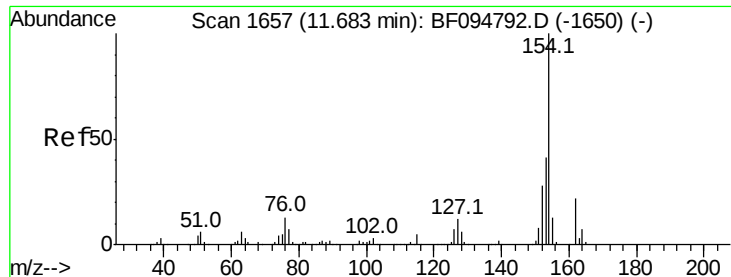
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 100.80 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.04 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1278851		
171	36.3	29.6	44.4	
170	23.3	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 51.66 ng

RT: 11.72 min Scan# 1663

Delta R.T. 0.04 min

Lab File: BF095163.D

Acq: 16 May 2017 18:53

Instrument :

BNA_F

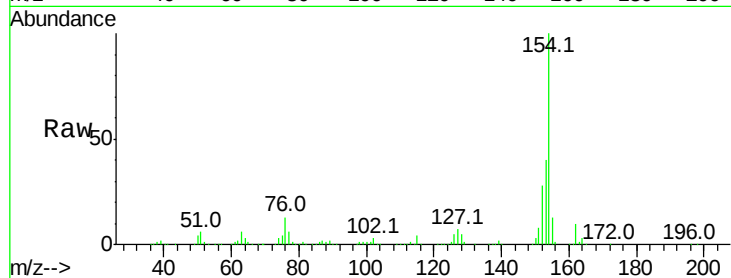
ClientSampleId :

E2-U10-ESWMS

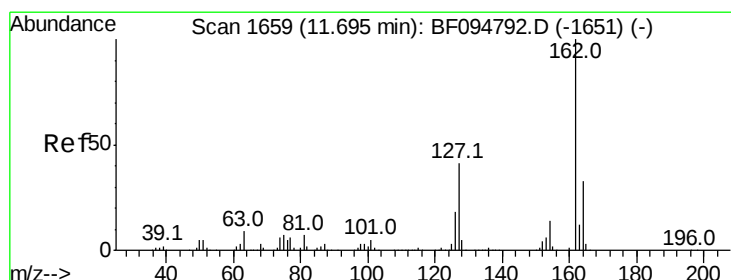
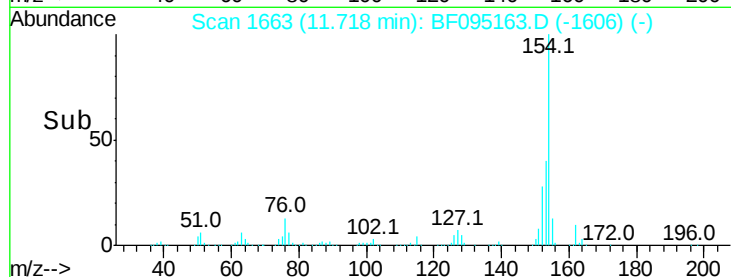
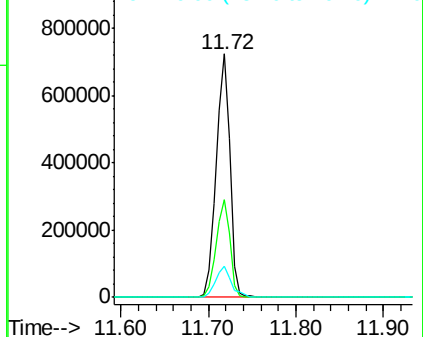
Tot Ion:	154	Resp:	794247
Ion Ratio	Lower	Upper	
154	100		
153	40.2	21.2	61.2
76	13.0	0.0	29.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 50.01 ng

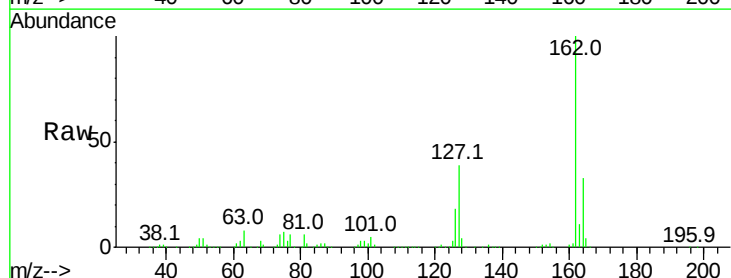
RT: 11.74 min Scan# 1666

Delta R.T. 0.04 min

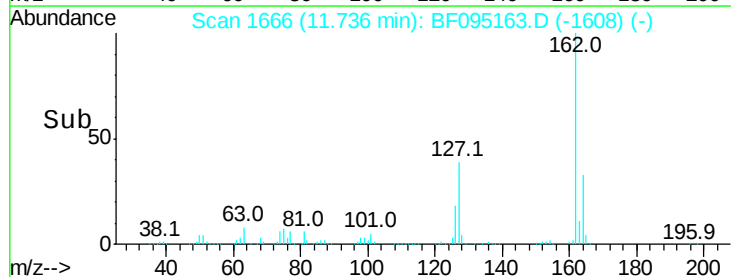
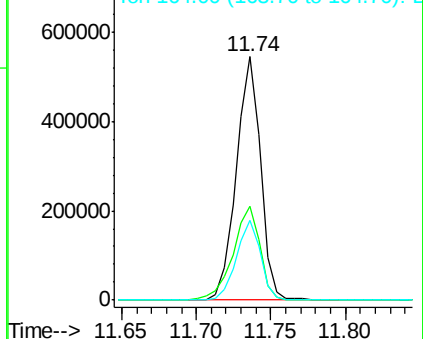
Lab File: BF095163.D

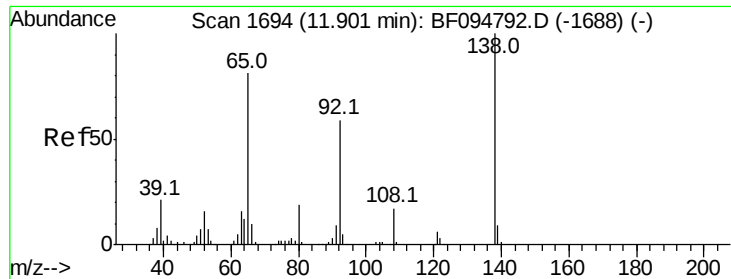
Acq: 16 May 2017 18:53

Tgt Ion:	162	Resp:	620826
Ion Ratio	Lower	Upper	
162	100		
127	38.8	28.3	42.5
164	32.8	27.0	40.4



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





#47

2-Nitroaniline

Concen: 47.72 ng

RT: 11.95 min Scan# 1703

Delta R.T. 0.05 min

Lab File: BF095163.D

Acq: 16 May 2017 18:53

Instrument :

BNA_F

ClientSampleId :

E2-U10-ESWMS

Tot Ion: 65 Resp: 162155
Ion Ratio Lower Upper

65 100

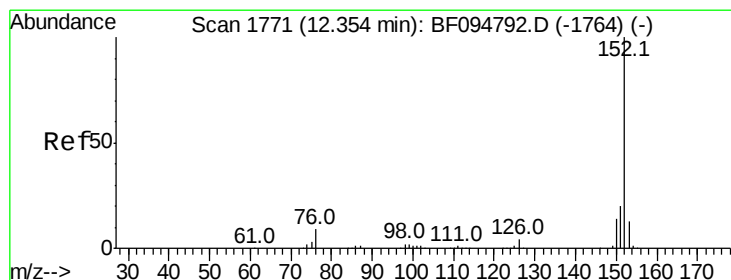
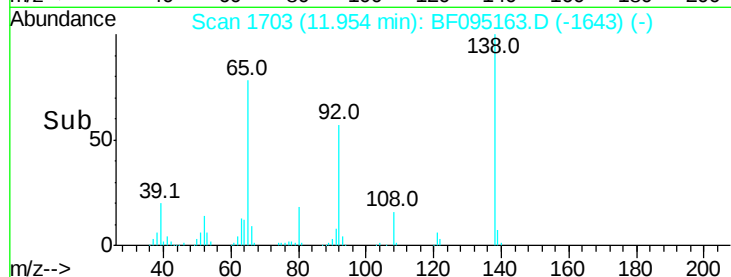
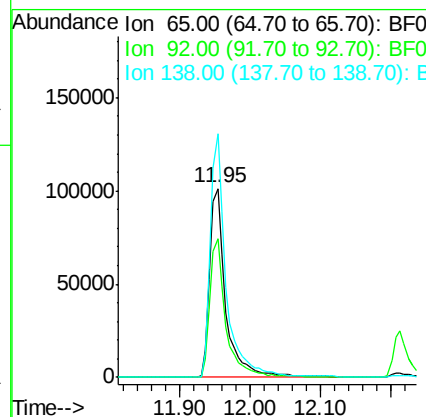
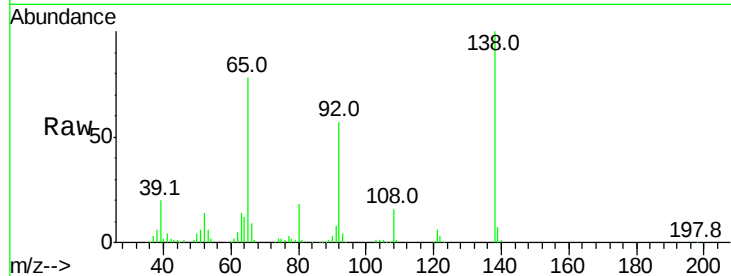
92 73.1 53.9 80.9

138 128.7 78.8 118.2#

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#48

Acenaphthylene

Concen: 45.72 ng

RT: 12.39 min Scan# 1778

Delta R.T. 0.04 min

Lab File: BF095163.D

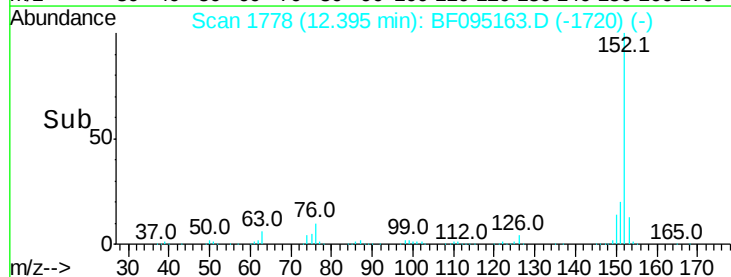
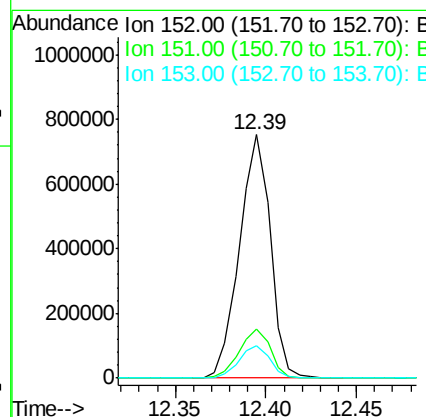
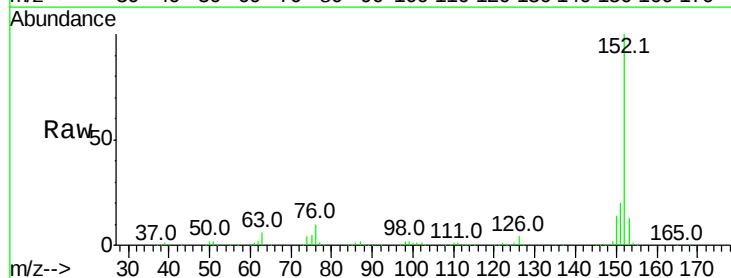
Acq: 16 May 2017 18:53

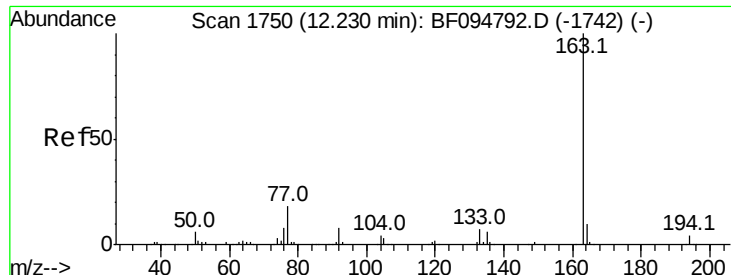
Tgt Ion: 152 Resp: 889088
Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

153 13.4 10.8 16.2





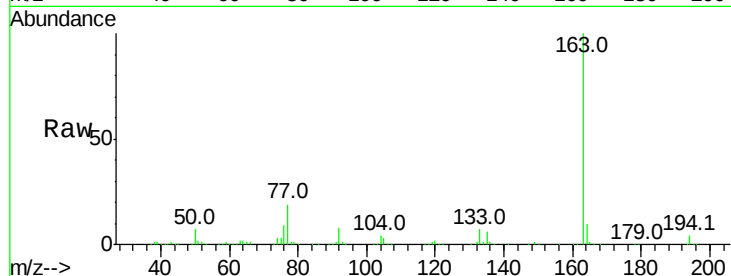
#49
Dimethylphthalate
Concen: 56.35 ng
RT: 12.27 min Scan# 1757
Delta R.T. 0.04 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	844735		
194	3.7		2.6	4.0
164	9.9		8.4	12.6

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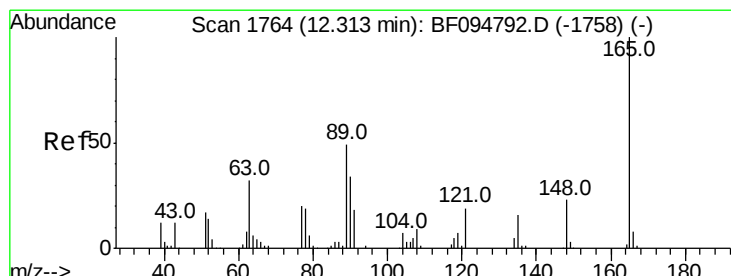
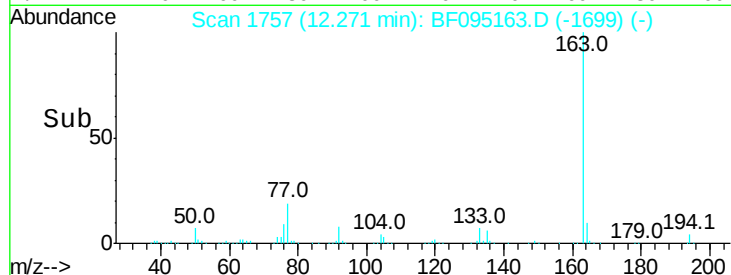
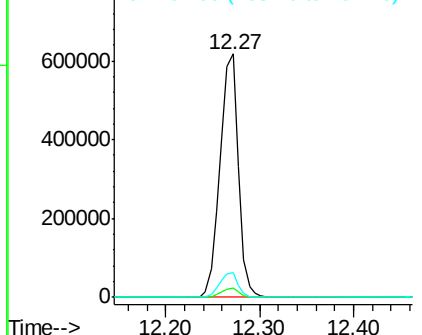


Abundance

Ion 163.00 (162.70 to 163.70): E

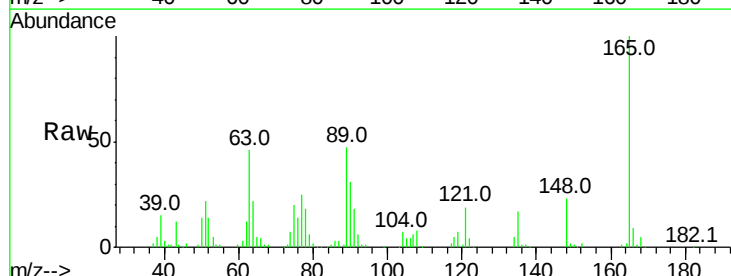
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 50.71 ng
RT: 12.37 min Scan# 1773
Delta R.T. 0.05 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	155094		
63	45.7		34.3	51.5
89	46.5		37.1	55.7

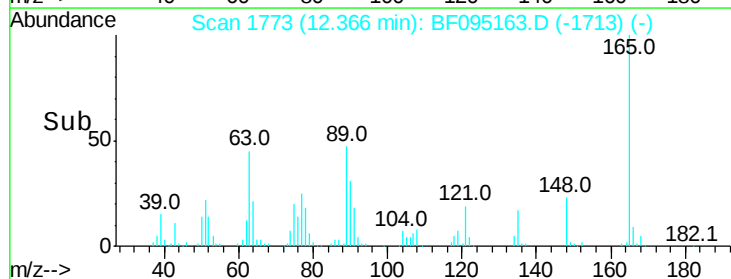
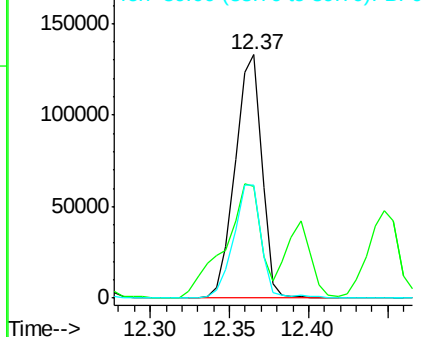


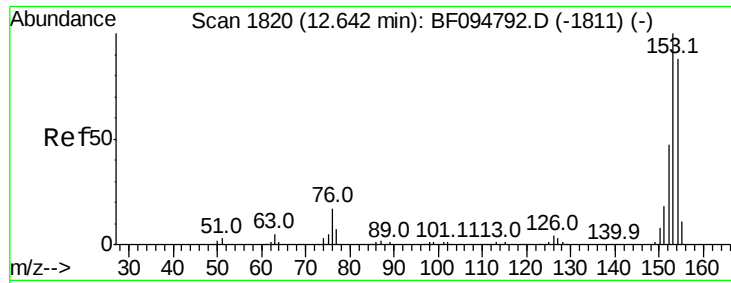
Abundance

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: 51.00 ng

RT: 12.68 min Scan# 1826

Delta R.T. 0.04 min

Lab File: BF095163.D

Acq: 16 May 2017 18:53

Instrument :

BNA_F

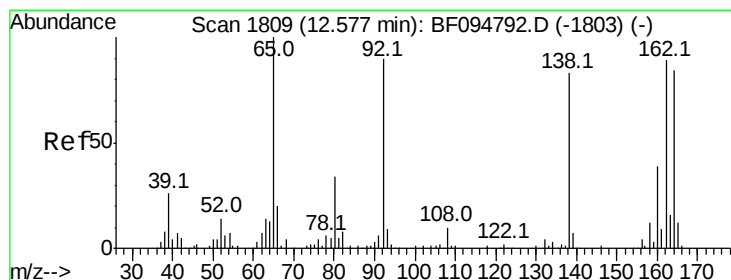
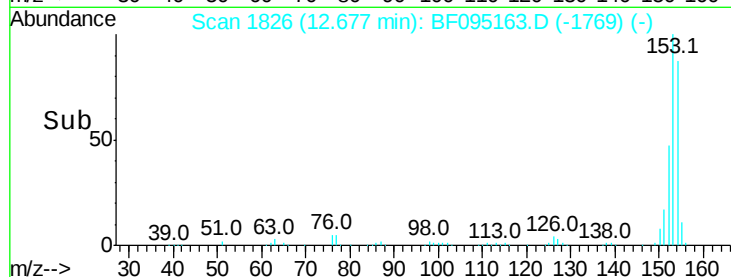
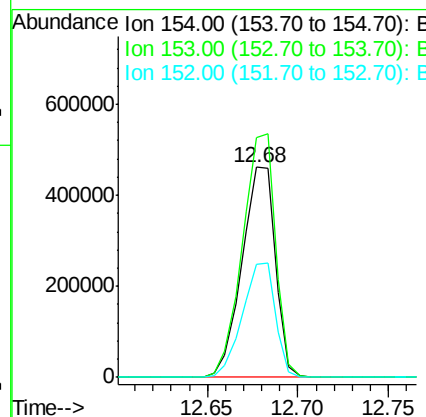
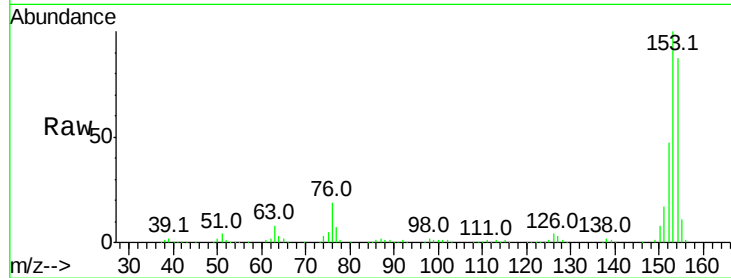
ClientSampleId :

E2-U10-ESWMS

Tot Ion:	154	Resp:	592290
Ion Ratio	Lower	Upper	
154	100		
153	114.5	90.5	135.7
152	53.9	43.6	65.4

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#52

3-Nitroaniline

Concen: 24.63 ng

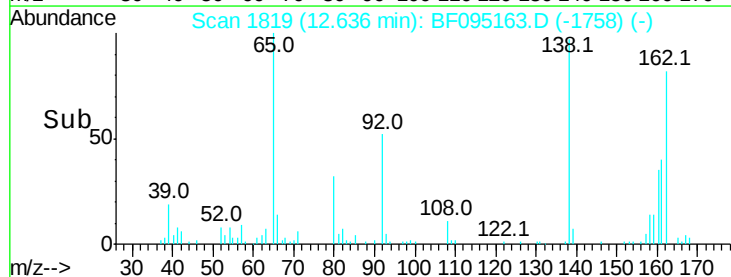
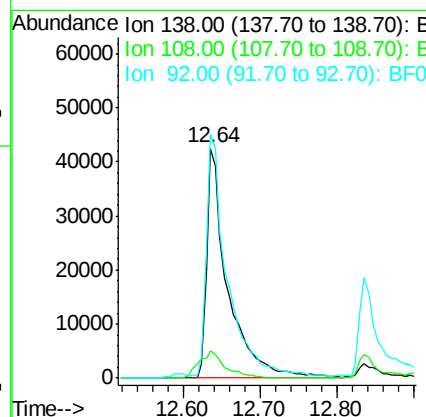
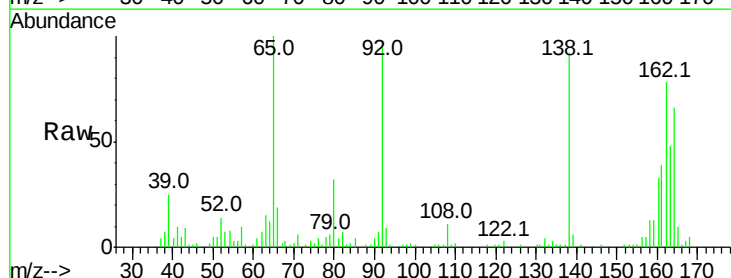
RT: 12.64 min Scan# 1819

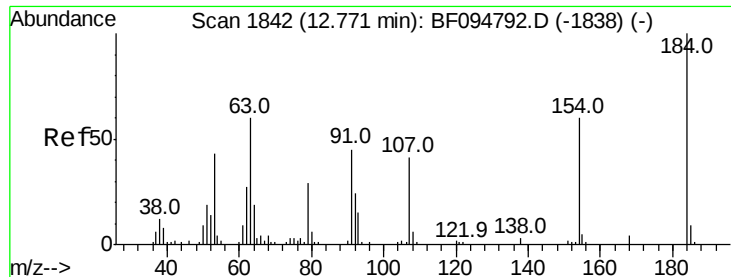
Delta R.T. 0.06 min

Lab File: BF095163.D

Acq: 16 May 2017 18:53

Tgt Ion:	138	Resp:	80855
Ion Ratio	Lower	Upper	
138	100		
108	11.7	9.1	13.7
92	105.9	93.8	140.6





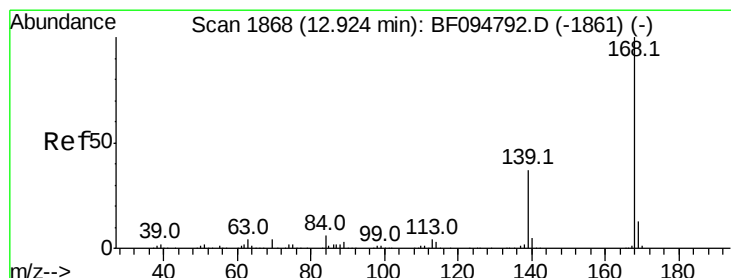
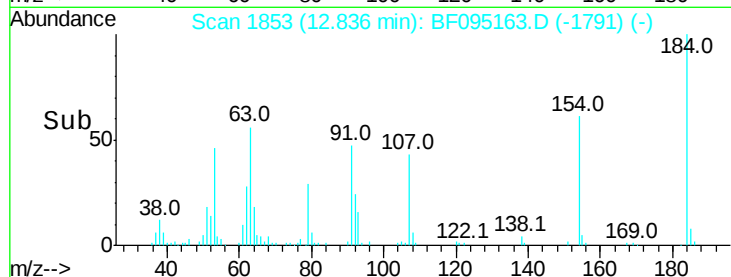
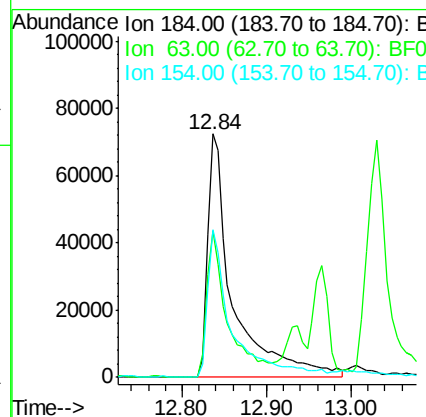
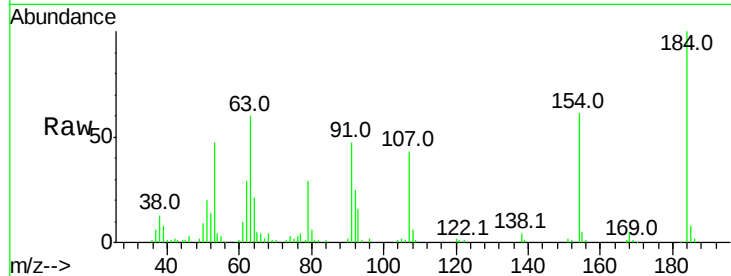
#53
 2,4-Dinitrophenol
 Concen: 88.11 ng
 RT: 12.84 min Scan# 1853
 Delta R.T. 0.06 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	149576		
63	59.9	62.7	94.1#	
154	60.8	81.1	121.7#	

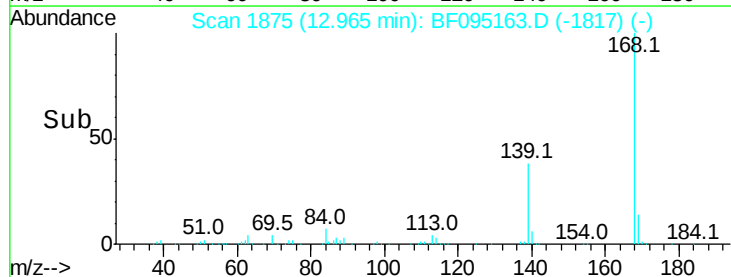
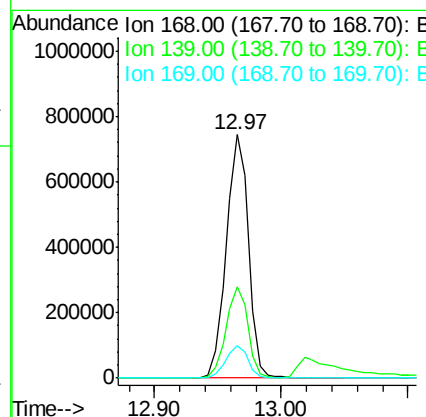
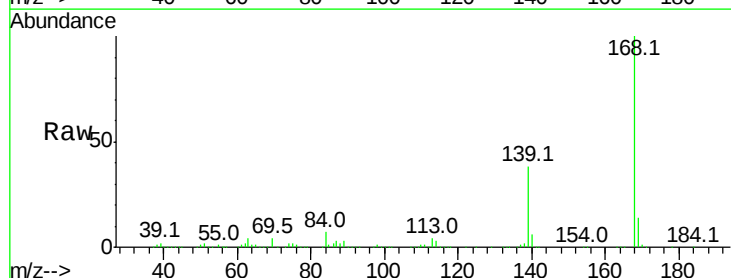
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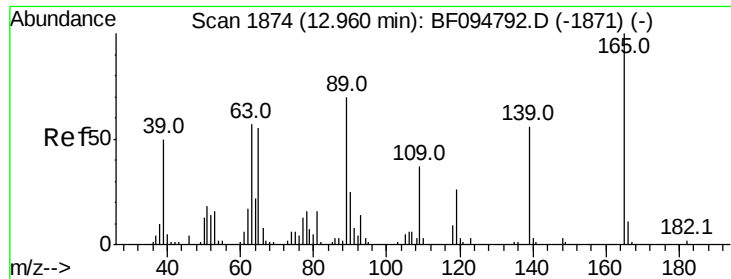
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#54
 Dibenzofuran
 Concen: 56.15 ng
 RT: 12.97 min Scan# 1875
 Delta R.T. 0.04 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	902442		
139	37.7	30.6	45.8	
169	13.5	10.8	16.2	





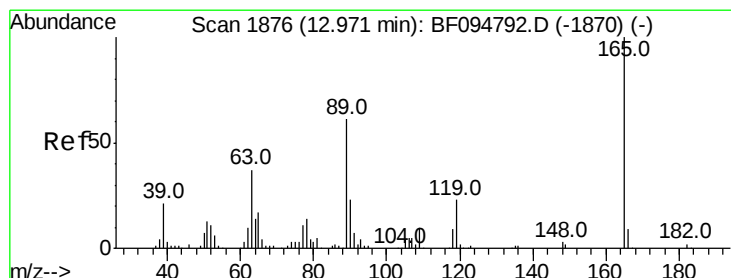
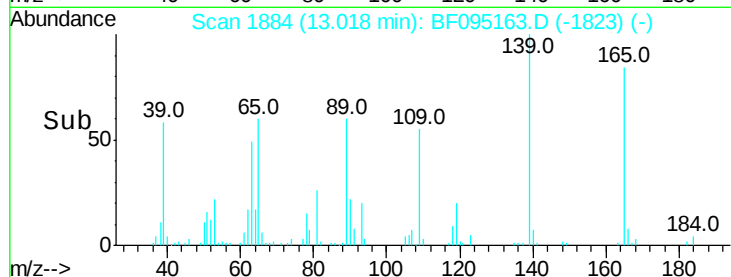
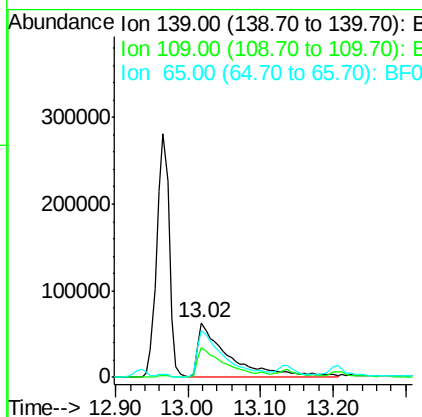
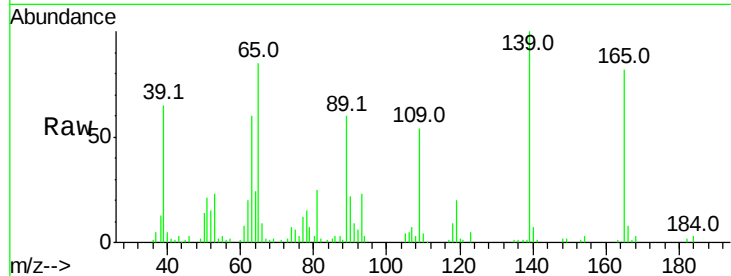
#55
4-Nitrophenol
Concen: 90.83 ng
RT: 13.02 min Scan# 1884
Delta R.T. 0.06 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	54.0	34.1	74.1	
65	84.8	31.4	71.4	

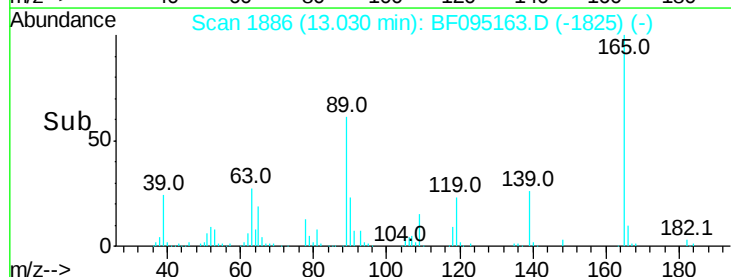
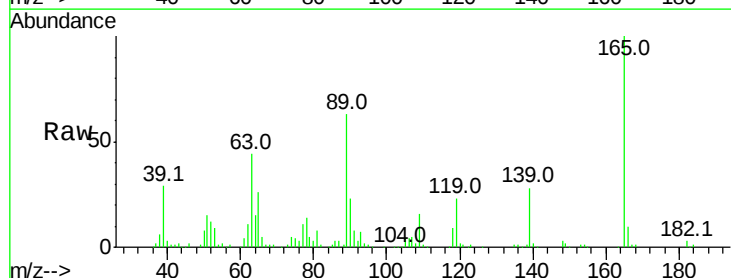
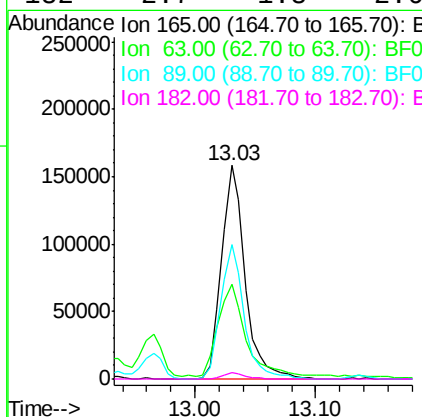
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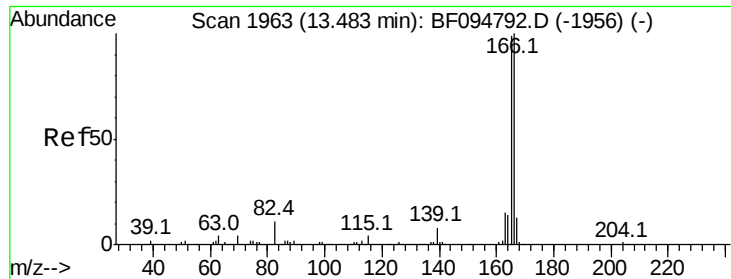
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#56
2,4-Dinitrotoluene
Concen: 54.51 ng
RT: 13.03 min Scan# 1886
Delta R.T. 0.06 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.4	25.4	38.0	
89	62.7	46.4	69.6	
182	2.7	1.8	2.6	





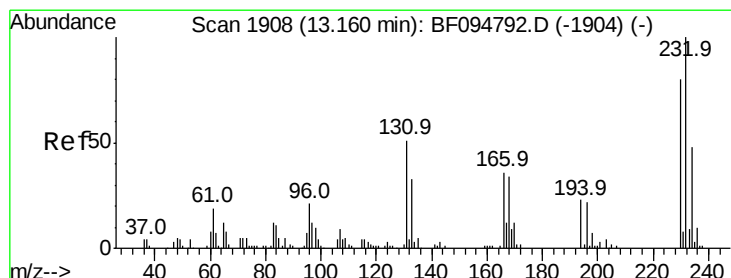
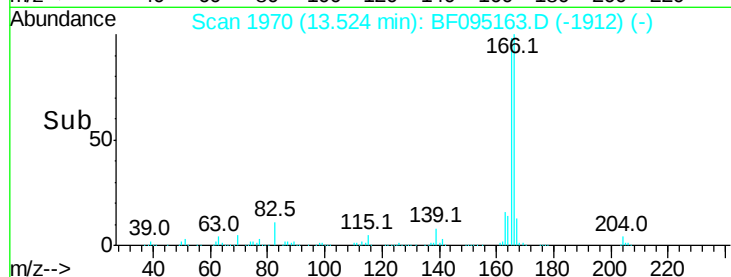
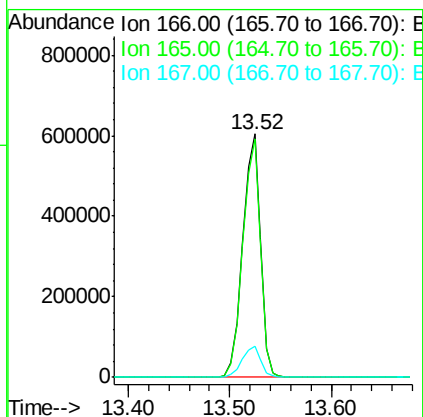
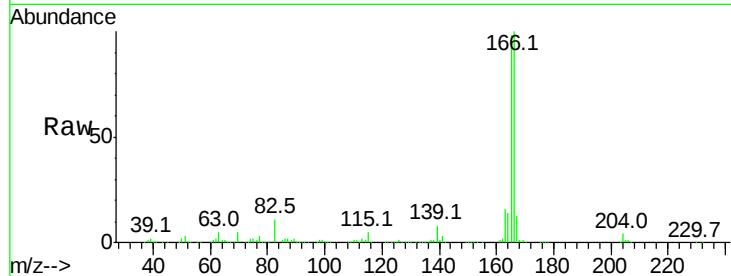
#57
Fluorene
Concen: 52.46 ng
RT: 13.52 min Scan# 1970
Delta R.T. 0.04 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	733078		
165	98.1		78.8	118.2
167	12.9		10.6	16.0

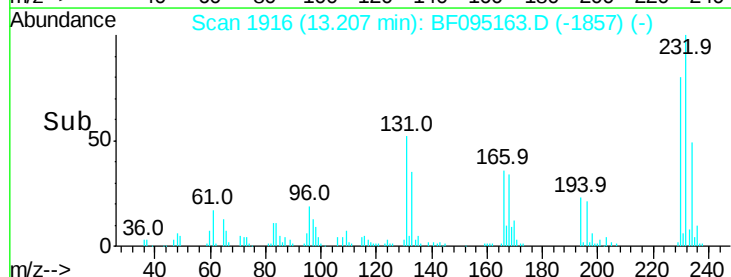
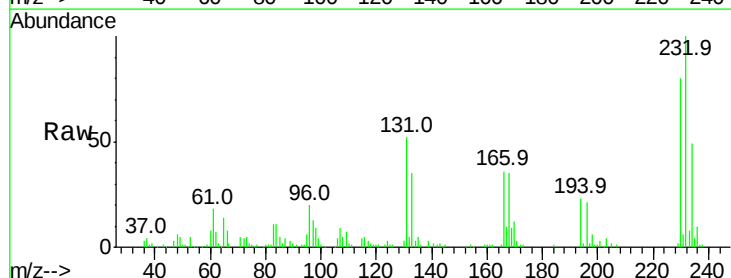
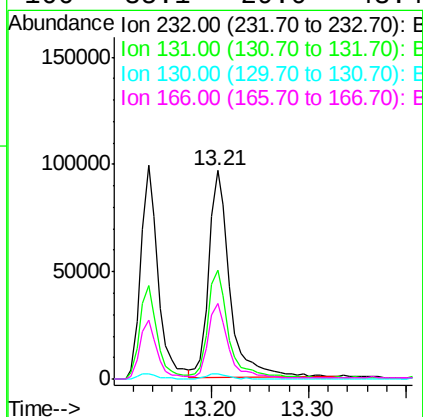
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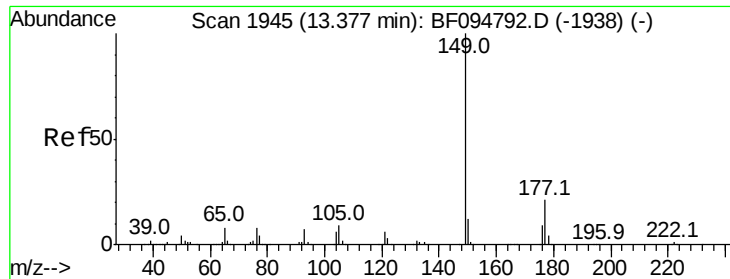
mohammad
5/17/2017 5:48:53 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 56.90 ng
RT: 13.21 min Scan# 1916
Delta R.T. 0.05 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	144312		
131	52.3		44.8	67.2
130	2.6		2.3	3.5
166	35.1		29.0	43.4





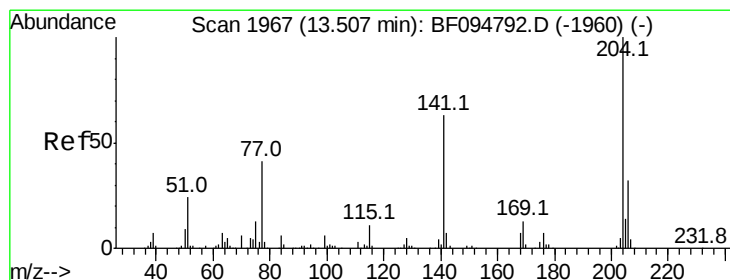
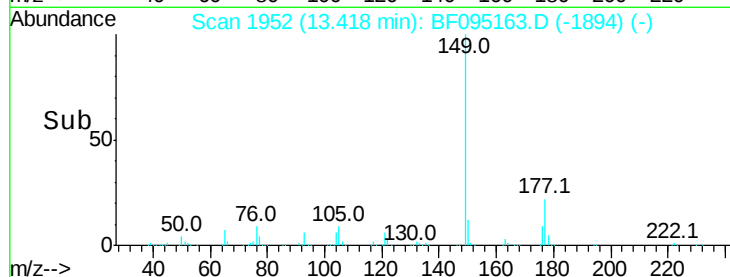
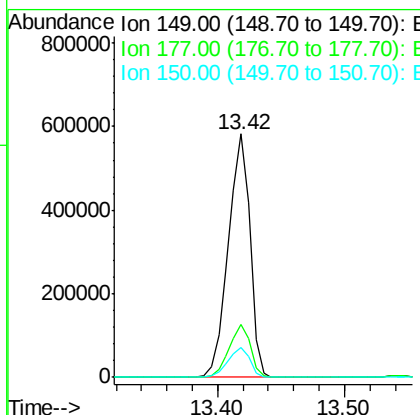
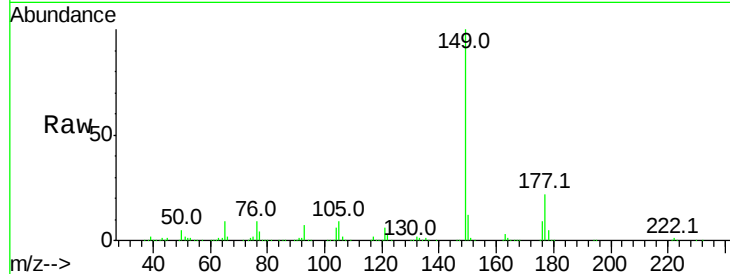
#59
Diethylphthalate
Concen: 47.65 ng
RT: 13.42 min Scan# 1952
Delta R.T. 0.04 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	684664		
177	21.9	16.7	25.1	
150	12.2	10.2	15.2	

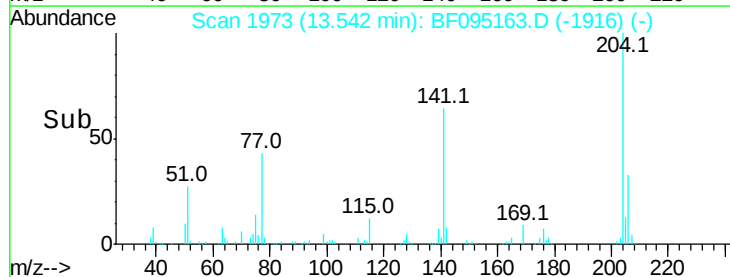
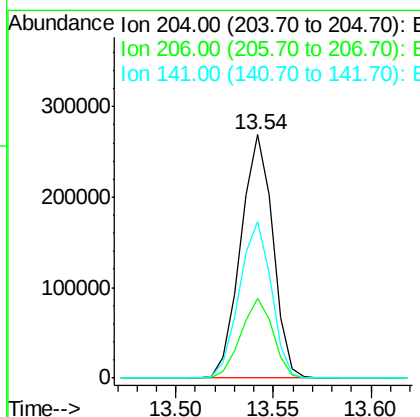
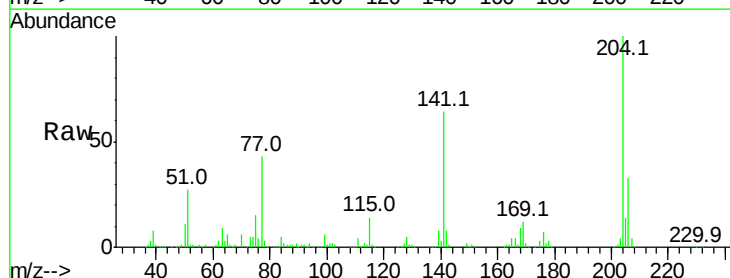
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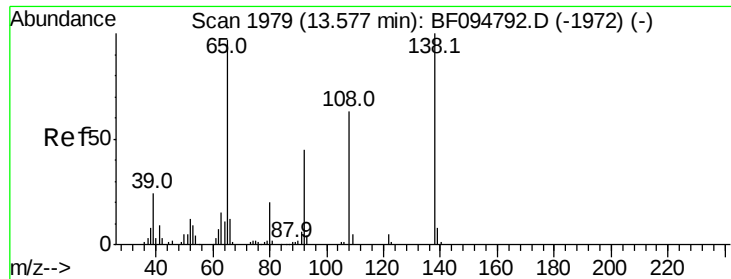
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 50.08 ng
RT: 13.54 min Scan# 1973
Delta R.T. 0.04 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	307582		
206	32.8	26.2	39.2	
141	64.3	60.8	91.2	





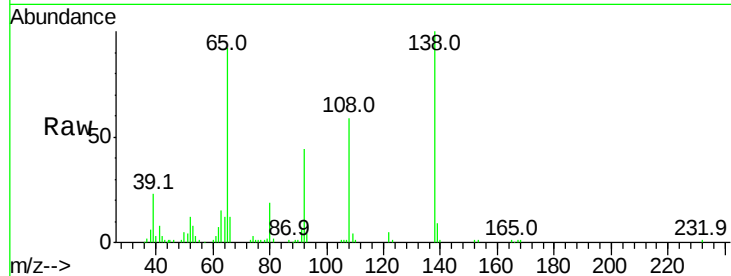
#61
4-Nitroaniline
Concen: 41.49 ng
RT: 13.64 min Scan# 1990
Delta R.T. 0.06 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	43.6	21.8	61.8	
108	59.4	42.3	82.3	

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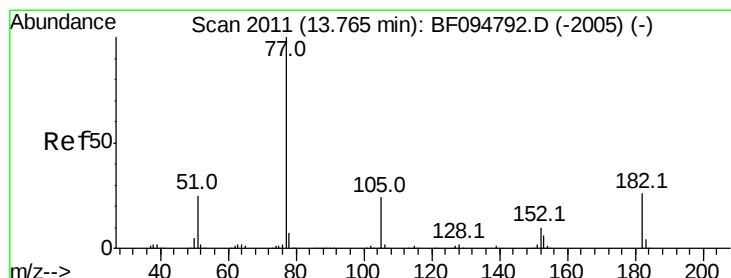
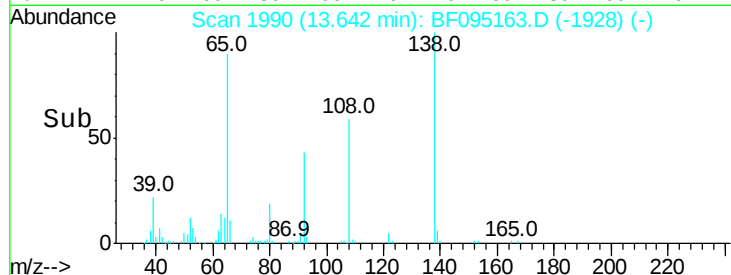
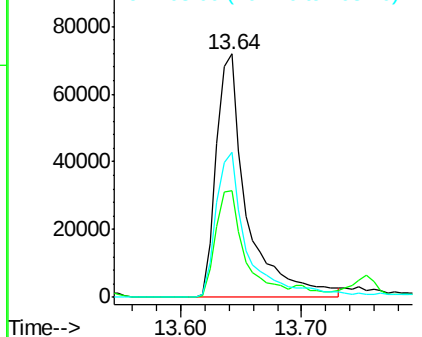


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 57.20 ng
RT: 13.80 min Scan# 2017
Delta R.T. 0.04 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	24.8	0.1	40.1	
105	24.6	3.6	43.6	
51	26.1	9.4	49.4	

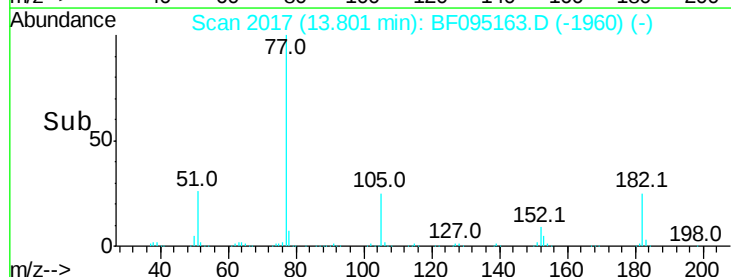
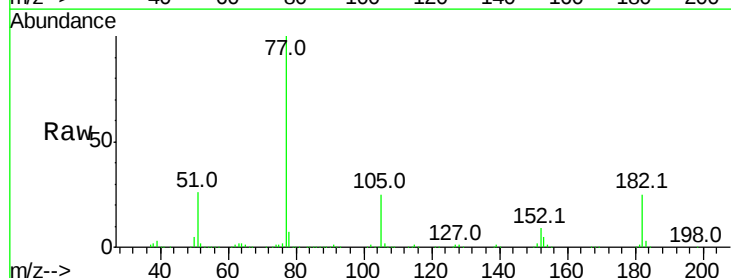
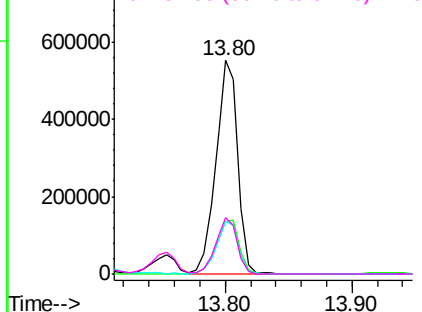
Abundance

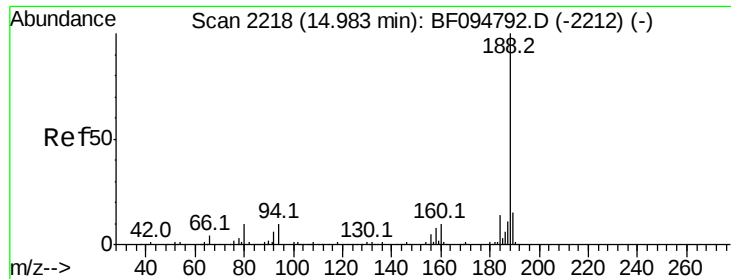
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





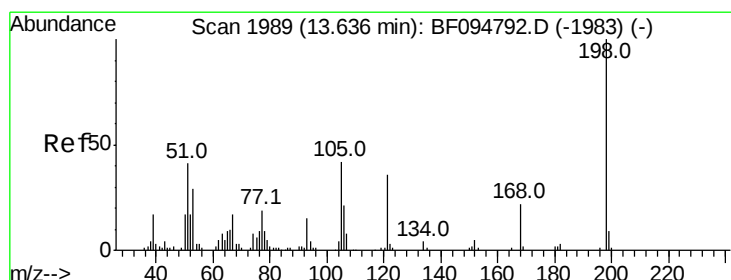
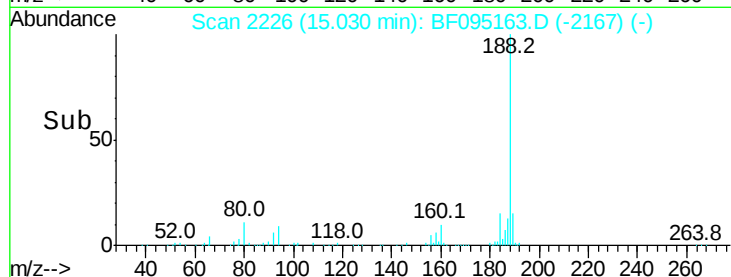
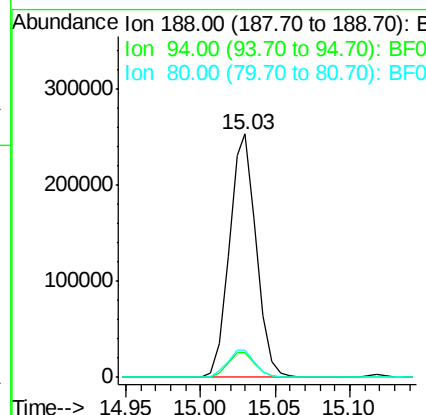
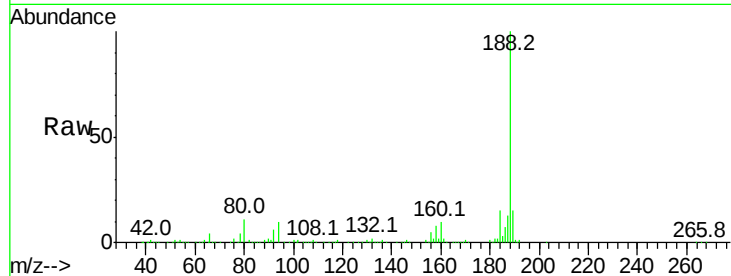
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.03 min Scan# 2226
Delta R.T. 0.05 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.3	9.4	14.2	
80	11.2	10.2	15.2	

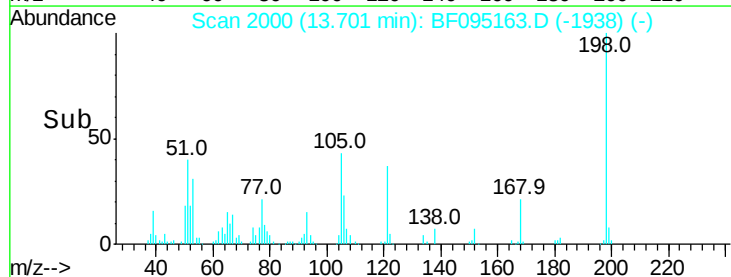
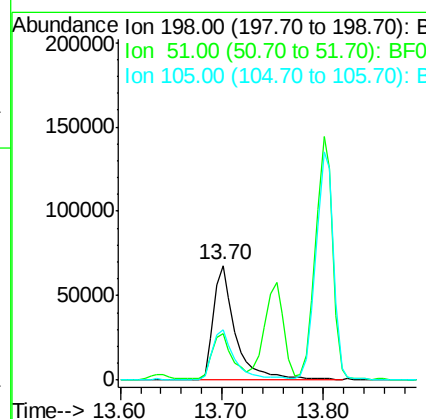
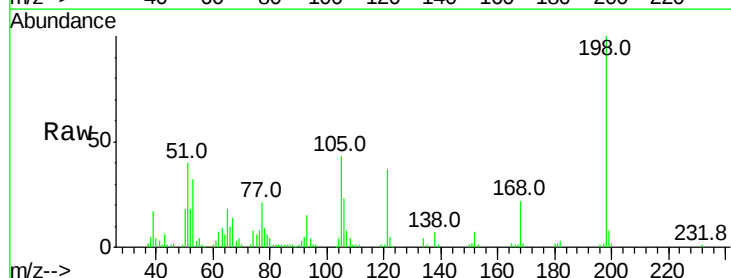
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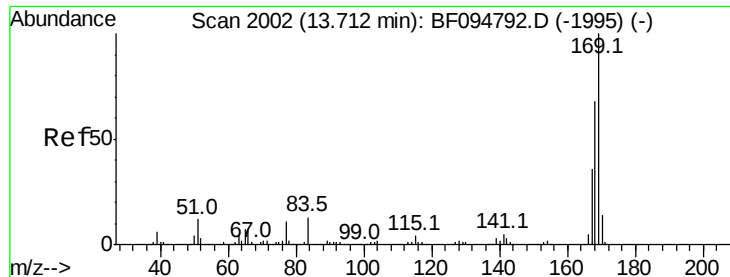
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#64
4,6-Dinitro-2-methylphenol
Concen: 48.33 ng
RT: 13.70 min Scan# 2000
Delta R.T. 0.06 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	40.4	53.2	93.2#	
105	43.3	45.8	85.8#	





#65

n-Nitrosodiphenylamine

Concen: 51.45 ng

RT: 13.75 min Scan# 2009

Delta R.T. 0.04 min

Lab File: BF095163.D

Acq: 16 May 2017 18:53

Instrument :

BNA_F

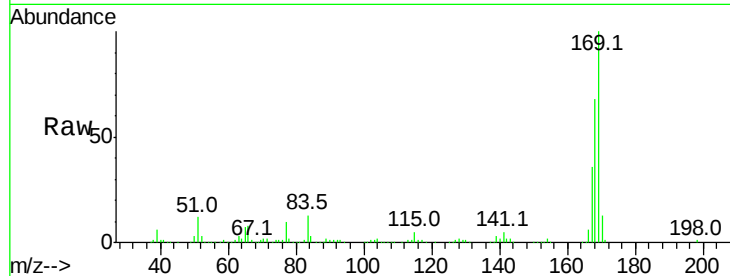
ClientSampleId :

E2-U10-ESWMS

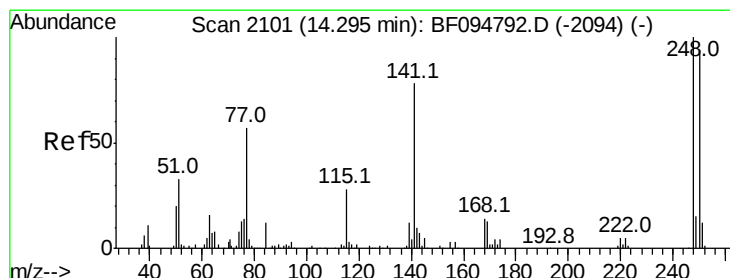
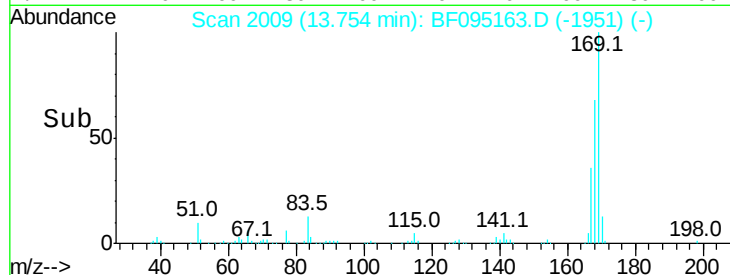
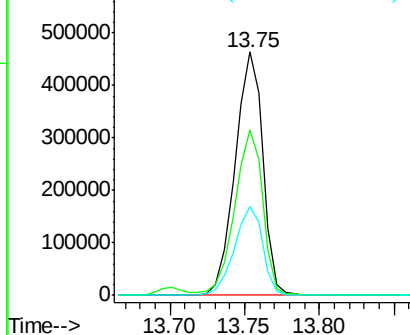
Tot Ion:	169	Resp:	597203
Ion Ratio	Lower	Upper	
169	100		
168	68.2	53.2	79.8
167	36.3	29.5	44.3

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



#66

4-Bromophenyl-phenylether

Concen: 51.34 ng

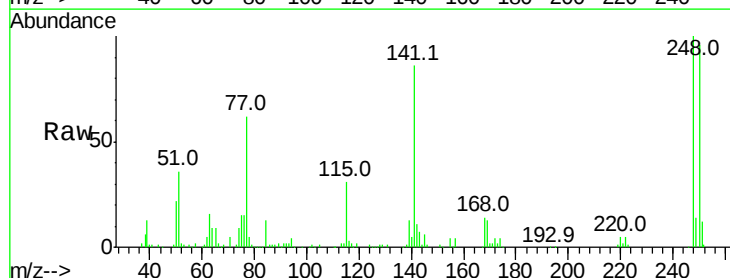
RT: 14.33 min Scan# 2107

Delta R.T. 0.04 min

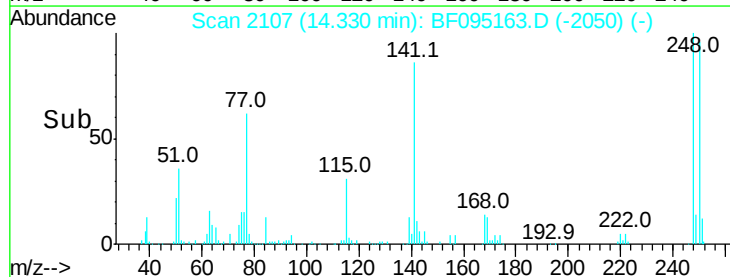
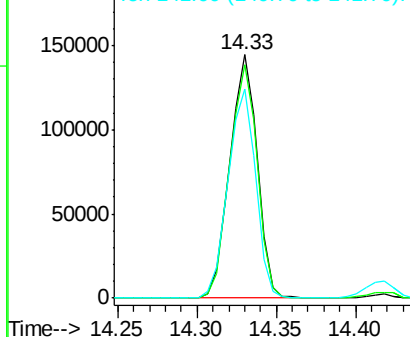
Lab File: BF095163.D

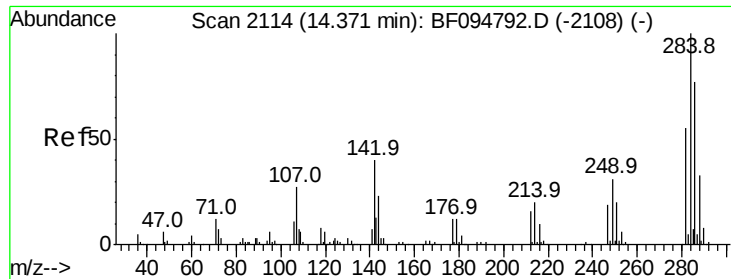
Acq: 16 May 2017 18:53

Tgt Ion:	248	Resp:	173462
Ion Ratio	Lower	Upper	
248	100		
250	96.1	76.8	115.2
141	85.9	68.6	103.0



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





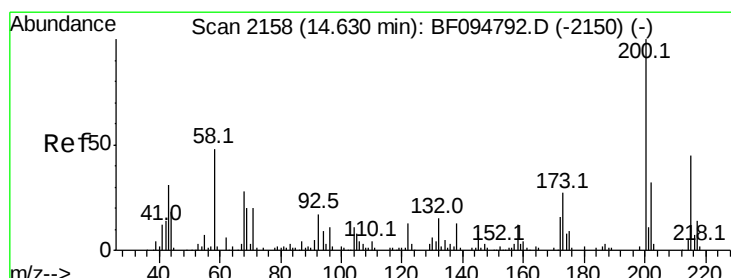
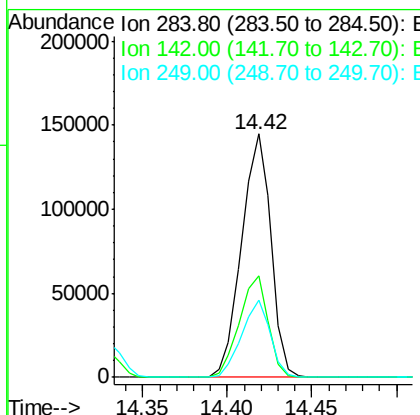
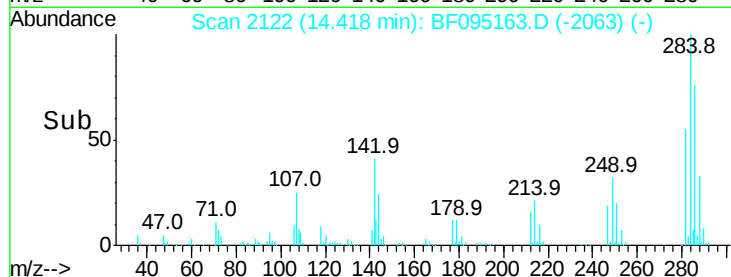
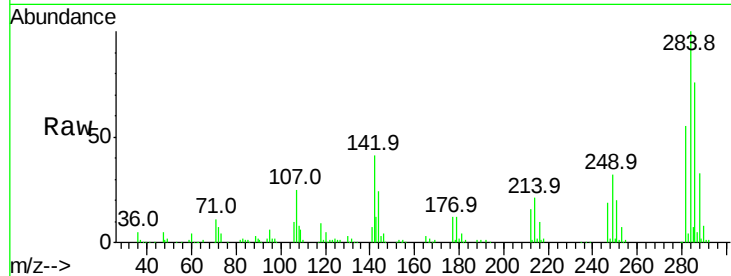
#67
Hexachlorobenzene
Concen: 50.74 ng
RT: 14.42 min Scan# 2122
Delta R.T. 0.05 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	41.4	22.8	34.2	
249	31.9	24.0	36.0	

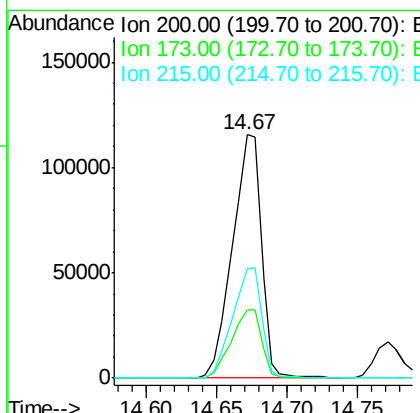
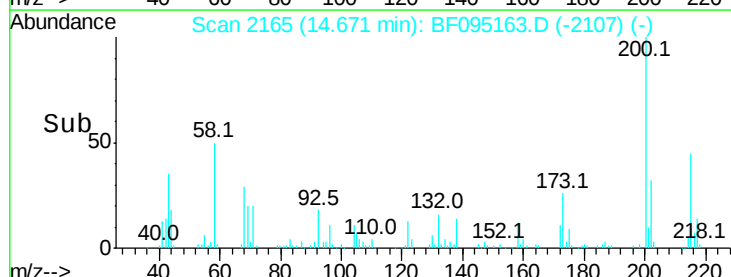
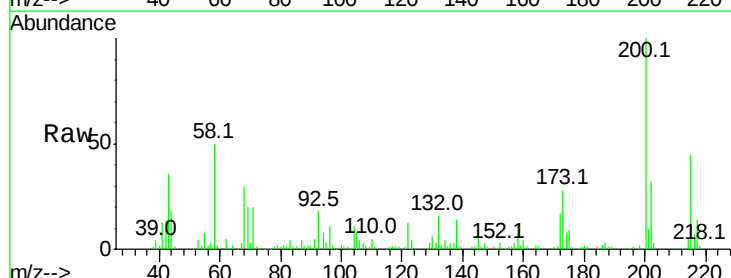
Manual Integrations
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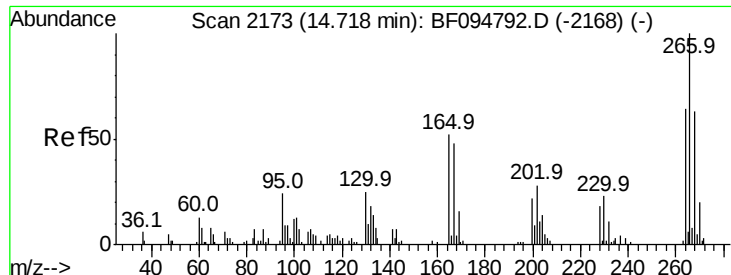
mohammad
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#68
Atrazine
Concen: 50.52 ng
RT: 14.67 min Scan# 2165
Delta R.T. 0.04 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.9	6.3	46.3	
215	44.8	27.2	67.2	





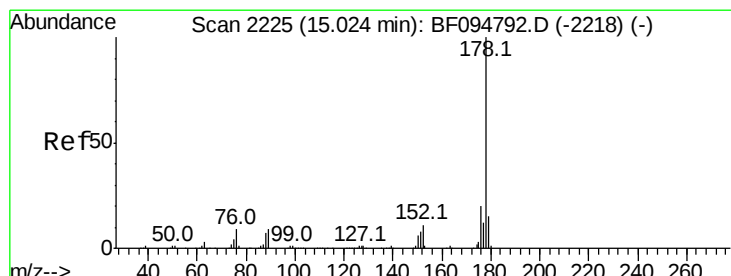
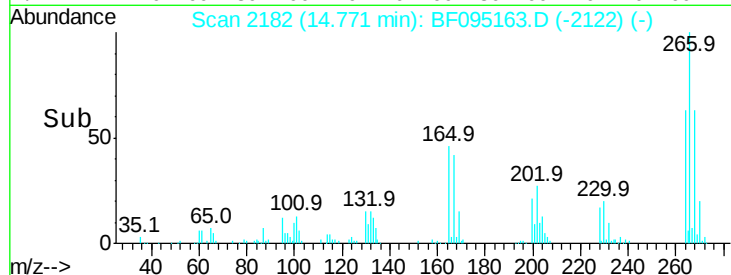
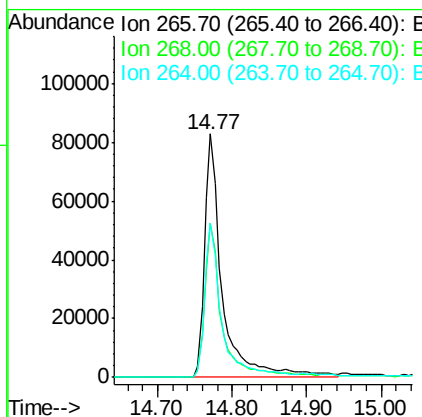
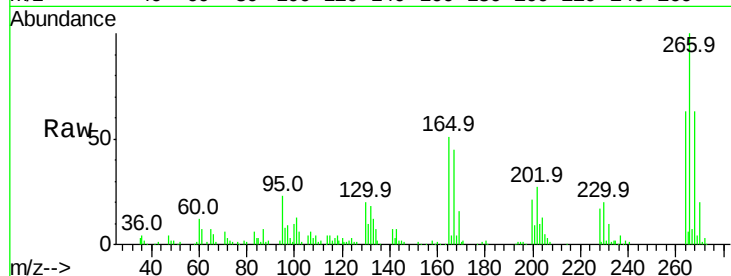
#69
 Pentachlorophenol
 Concen: 87.83 ng
 RT: 14.77 min Scan# 2182
 Delta R.T. 0.05 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.1	76.7
264	63.2	51.7	77.5

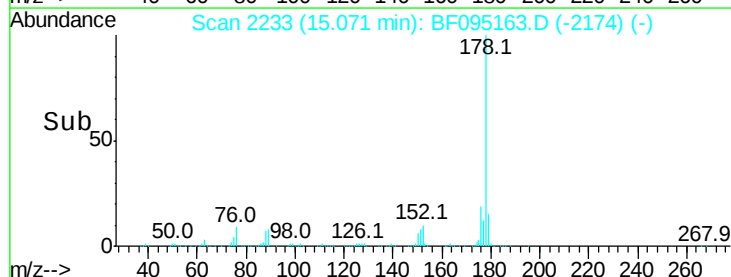
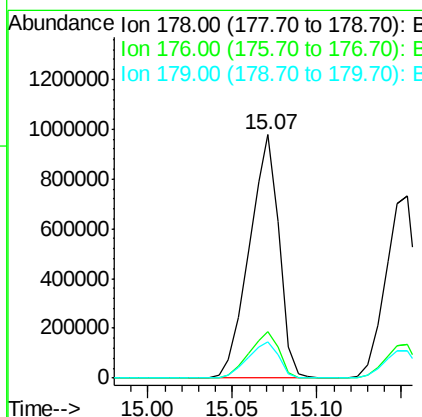
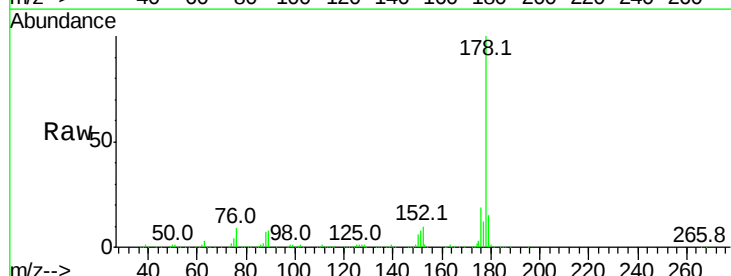
Manual Integrations
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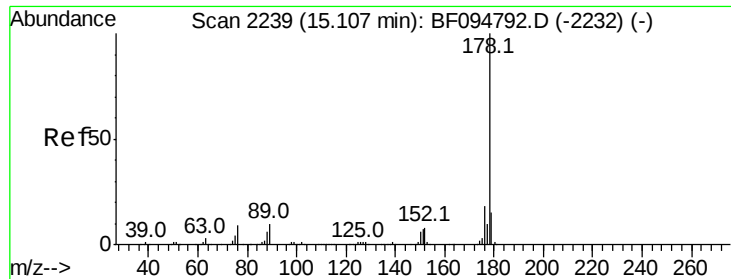
mohammad
 5/17/2017 5:48:53 PM



#70
 Phenanthrene
 Concen: 65.16 ng
 RT: 15.07 min Scan# 2233
 Delta R.T. 0.05 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	15.1	12.6	19.0





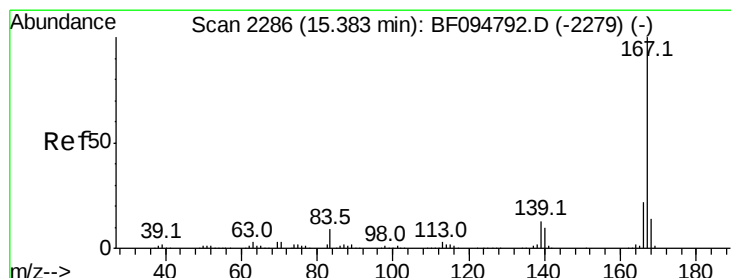
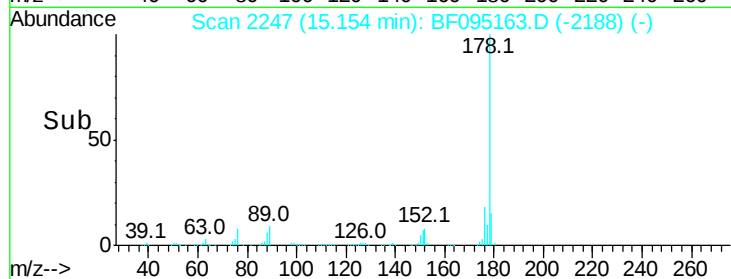
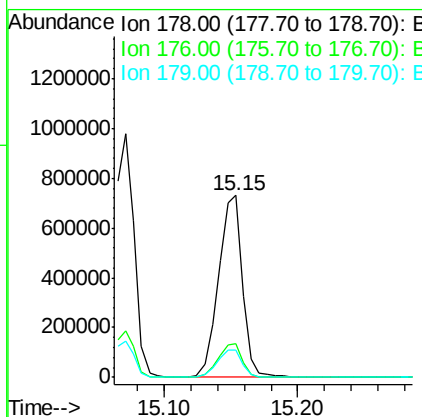
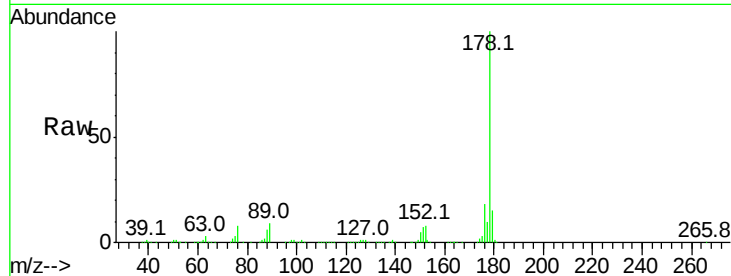
#71
 Anthracene
 Concen: 49.15 ng
 RT: 15.15 min Scan# 2247
 Delta R.T. 0.05 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.3	12.7	19.1

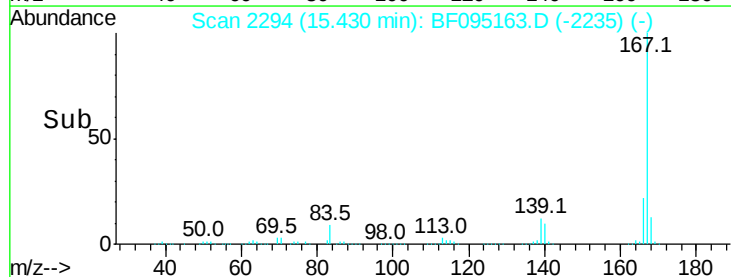
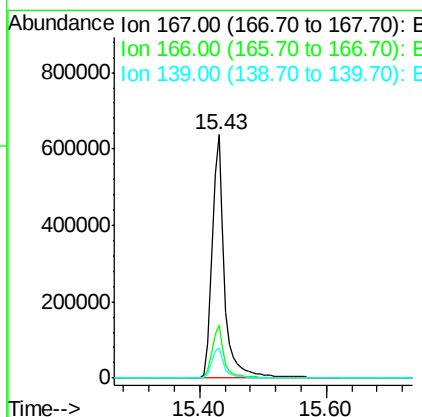
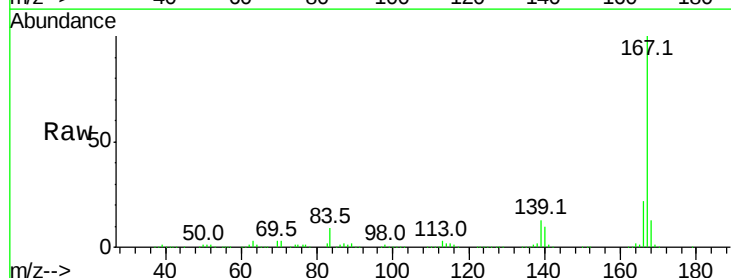
Manual Integrations
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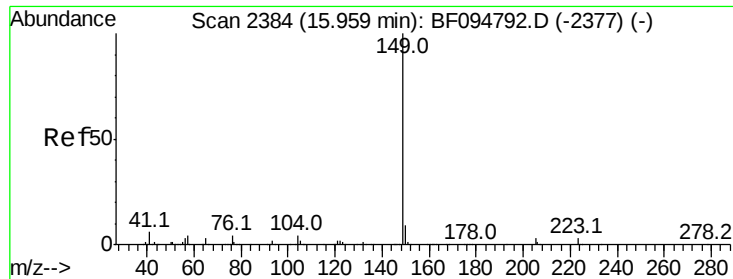
mohammad
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#72
 Carbazole
 Concen: 52.68 ng
 RT: 15.43 min Scan# 2294
 Delta R.T. 0.05 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

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





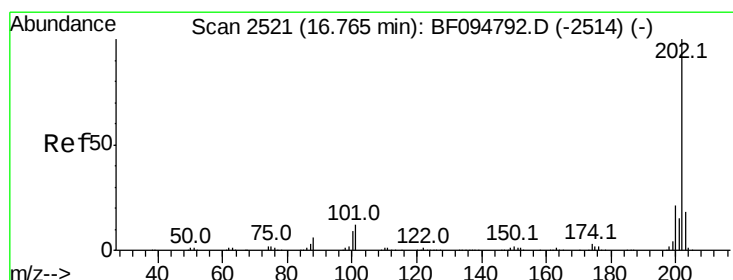
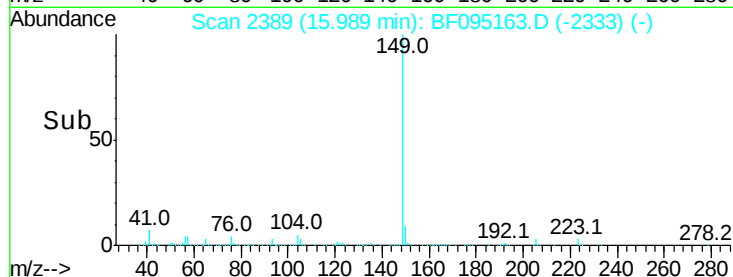
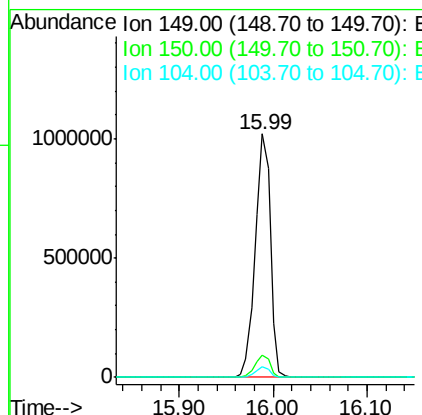
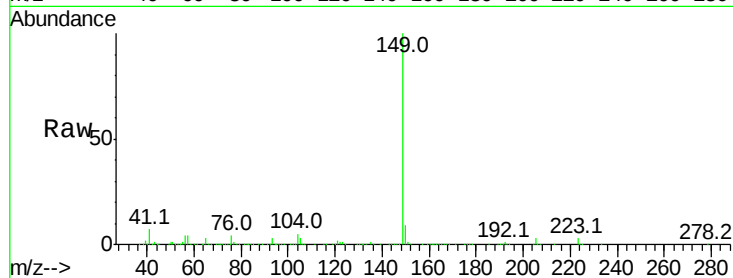
#73
Di-n-butylphthalate
Concen: 53.52 ng
RT: 15.99 min Scan# 2389
Delta R.T. 0.03 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.5	4.0	6.0

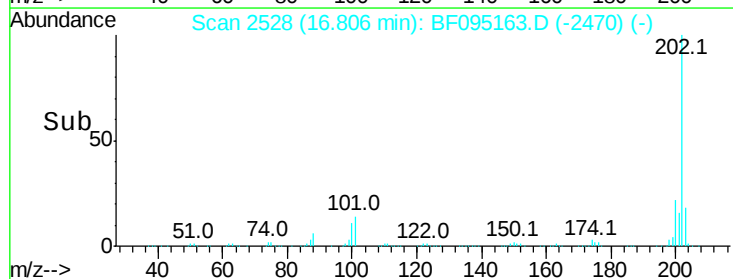
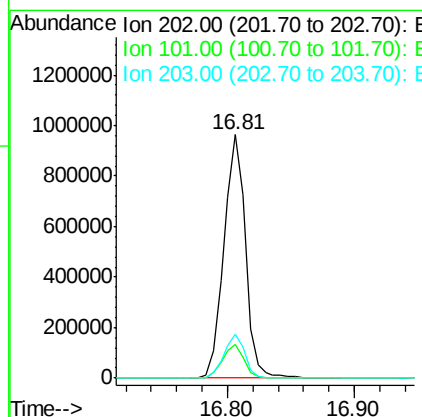
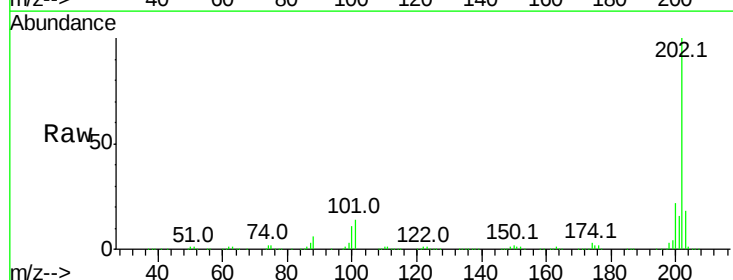
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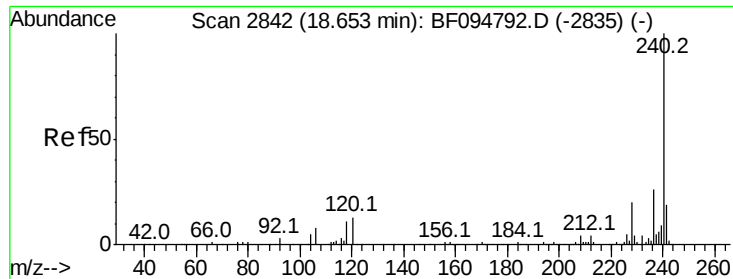
mohammad
5/17/2017 5:48:53 PM



#74
Fluoranthene
Concen: 60.64 ng
RT: 16.81 min Scan# 2528
Delta R.T. 0.04 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	17.9	0.0	38.1





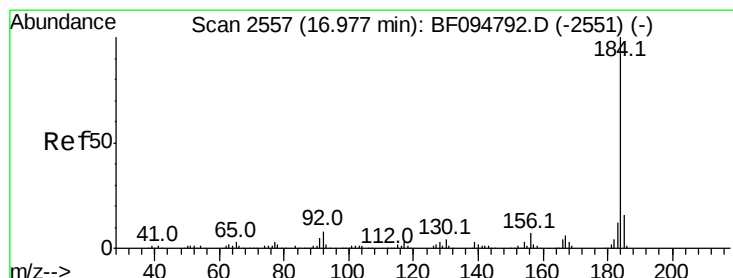
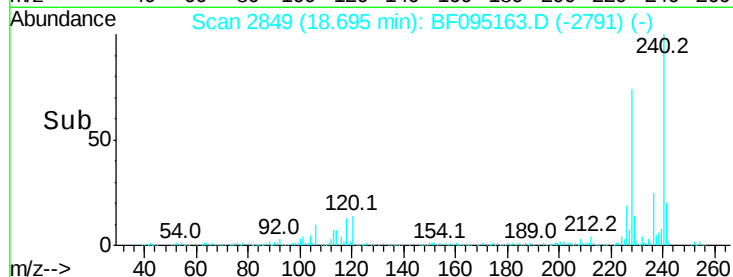
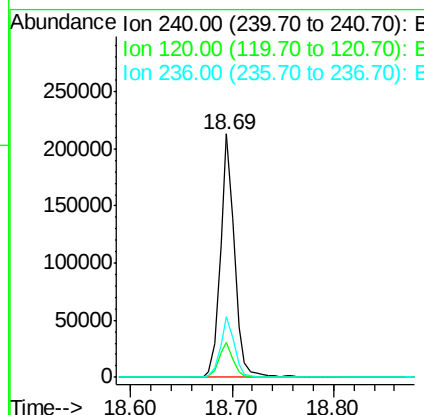
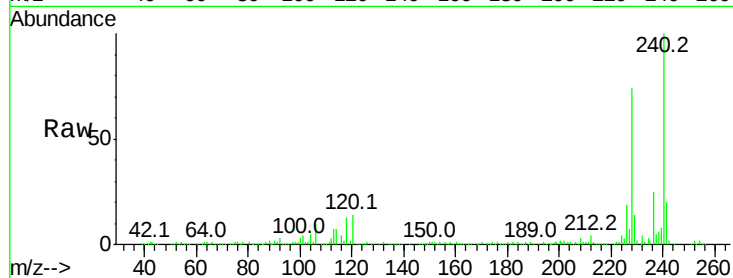
#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.04 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	24.7	20.5	30.7

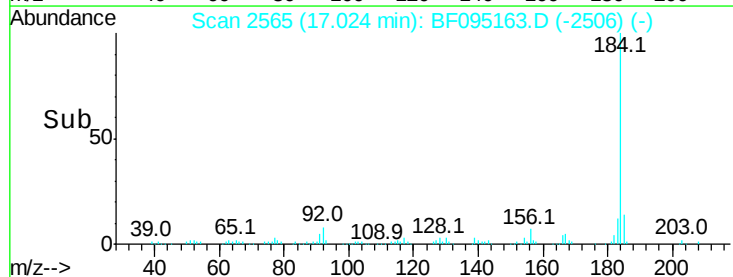
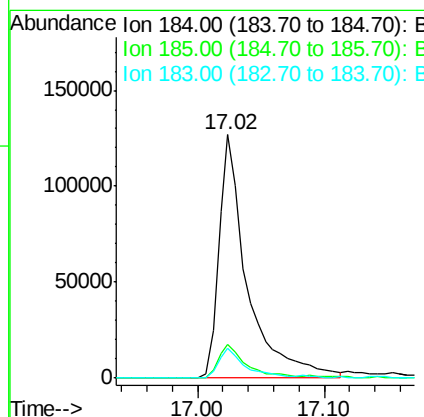
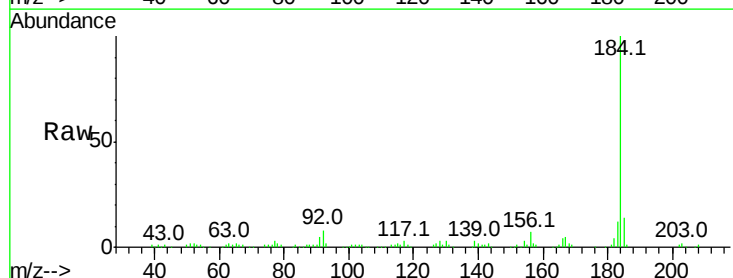
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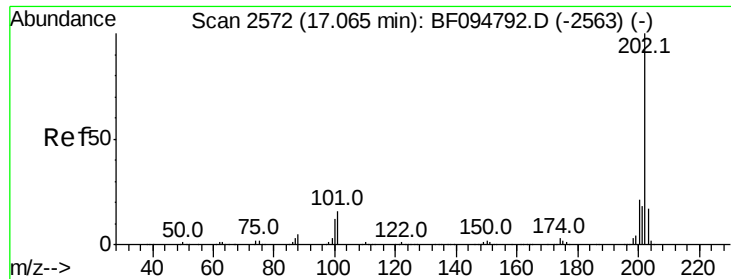
mohammad
 5/17/2017 5:48:53 PM



#76
 Benzidine
 Concen: 37.47 ng
 RT: 17.02 min Scan# 2565
 Delta R.T. 0.05 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	15.5	23.3#
183	12.3	9.8	14.6





#77

Pvrene

Concen: 65.46 ng

RT: 17.11 min Scan# 2579

Delta R.T. 0.04 min

Lab File: BF095163.D

Acq: 16 May 2017 18:53

Instrument :

BNA_F

ClientSampled :

E2-U10-ESWMS

Tot Ion:202 Resp: 1000768

Ion Ratio Lower Upper

202 100

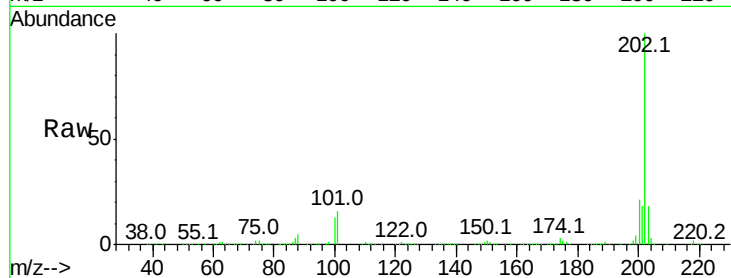
200 20.5 17.6 26.4

203 18.2 14.4 21.6

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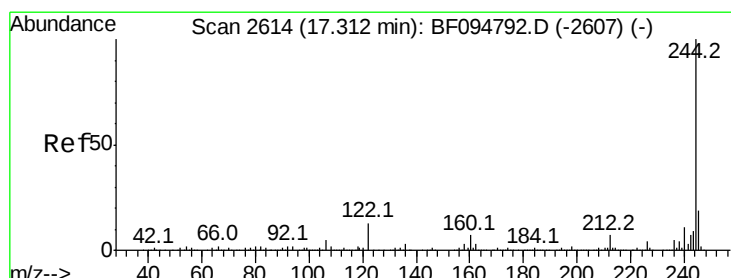
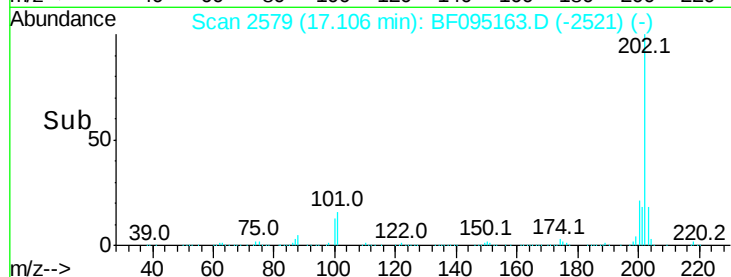
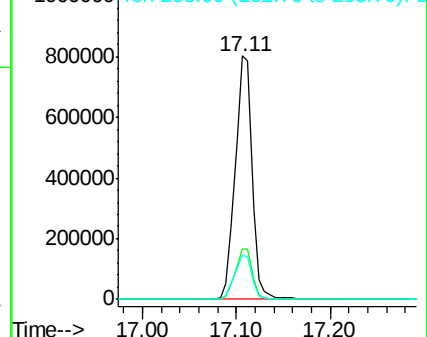
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 100.91 ng

RT: 17.35 min Scan# 2620

Delta R.T. 0.04 min

Lab File: BF095163.D

Acq: 16 May 2017 18:53

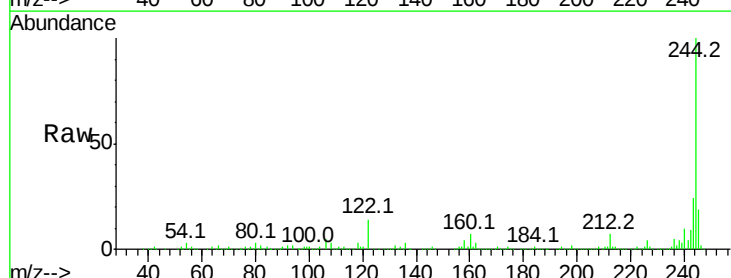
Tgt Ion:244 Resp: 936539

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

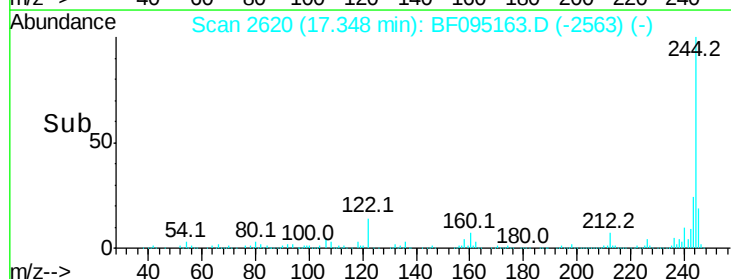
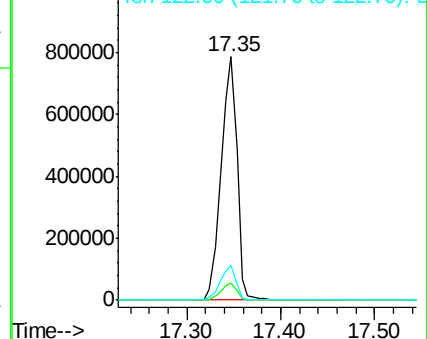
122 14.3 10.3 15.5

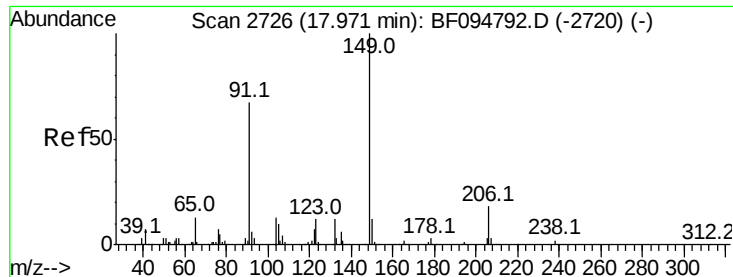


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





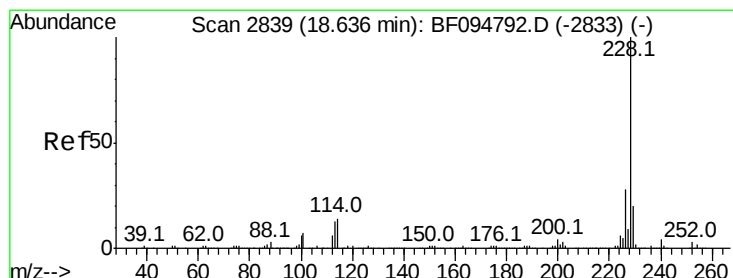
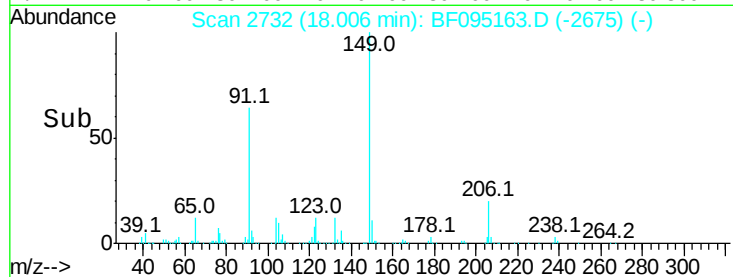
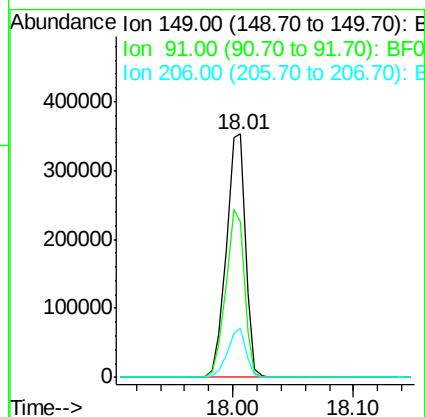
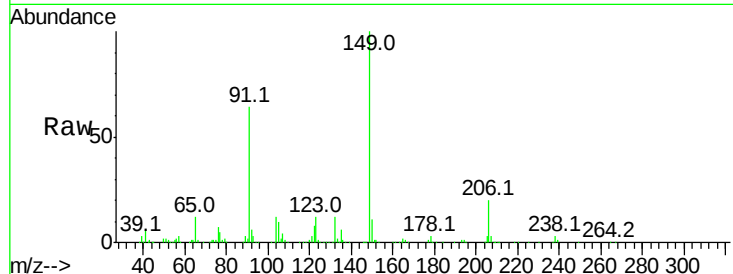
#79
Butylbenzylphthalate
Concen: 54.62 ng
RT: 18.01 min Scan# 2732
Delta R.T. 0.04 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	388445		
91	63.9	45.0	67.4	
206	20.1	17.0	25.6	

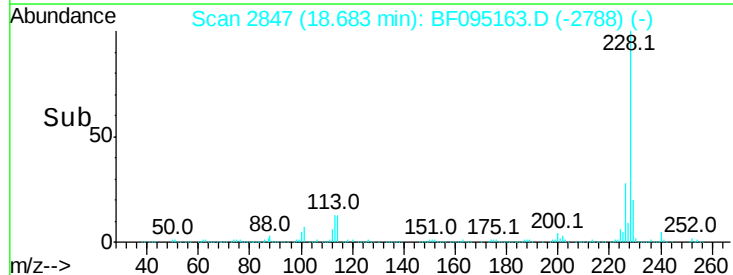
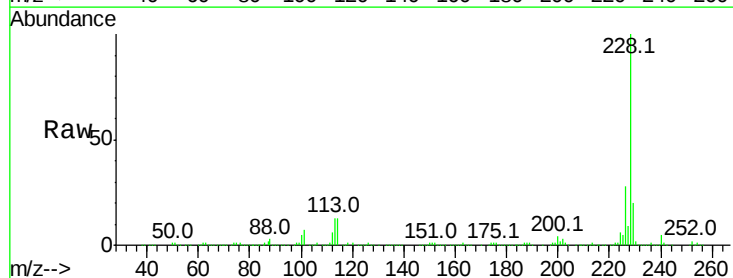
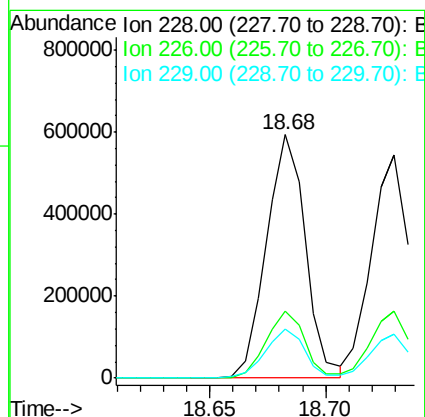
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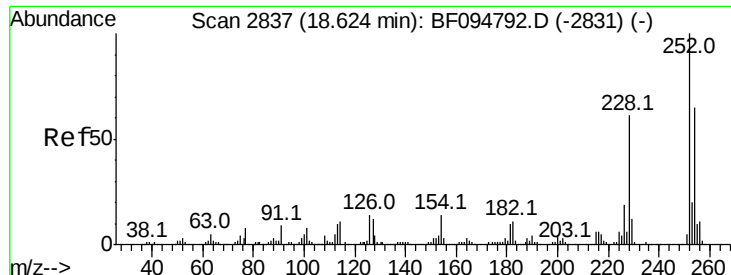
mohammad
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#80
Benzo(a)anthracene
Concen: 58.61 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.05 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	697261		
226	27.6	22.6	33.8	
229	20.2	16.3	24.5	





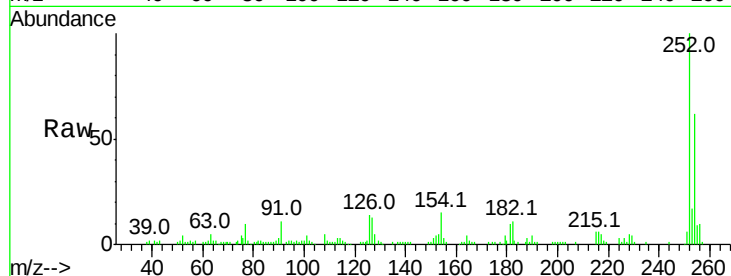
#81
 3,3'-Dichlorobenzidine
 Concen: 24.47 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. 0.04 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMS

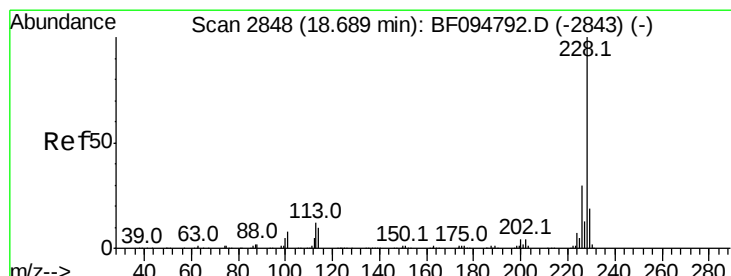
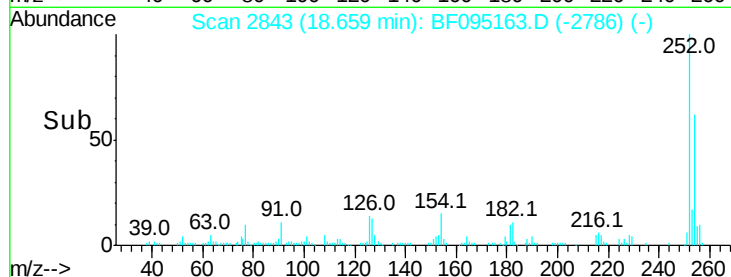
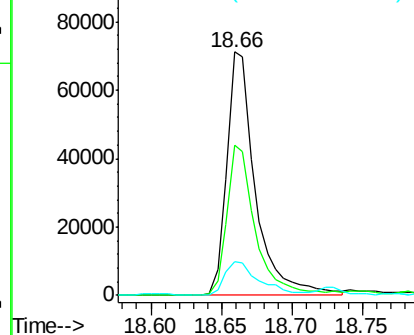
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	61.7	51.5	77.3
126	14.1	15.8	23.8

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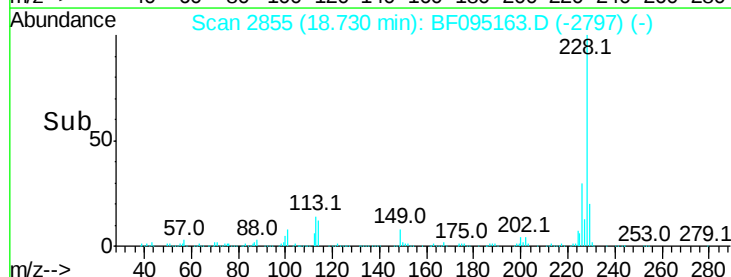
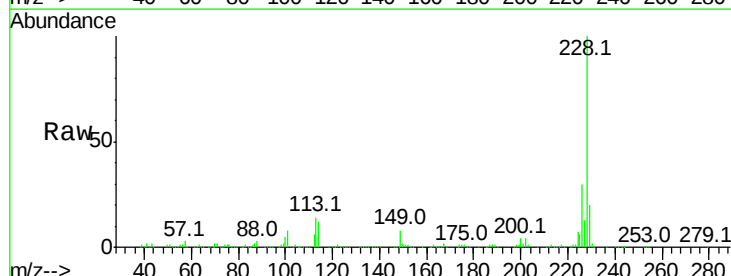
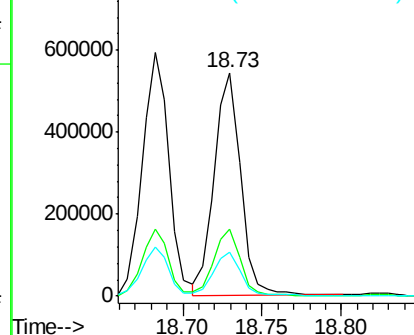
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

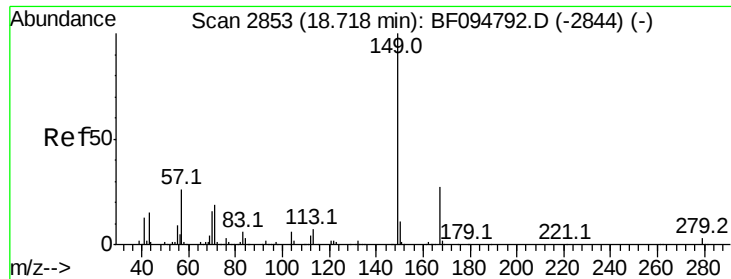


#82
 Chrysene
 Concen: 55.11 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. 0.04 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.8	24.9	37.3
229	19.7	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





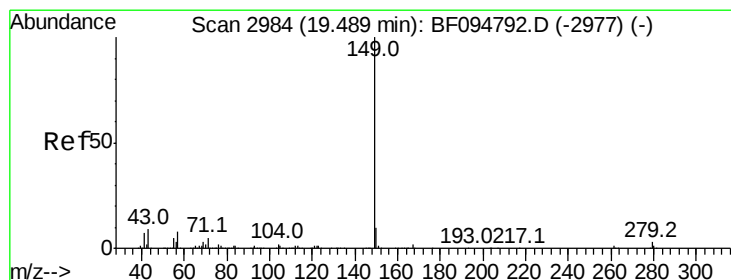
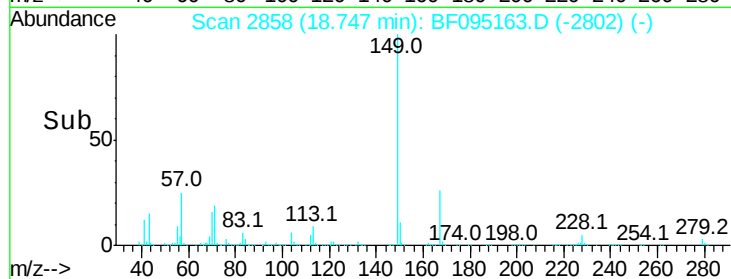
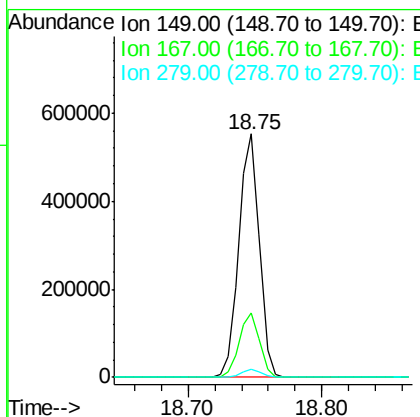
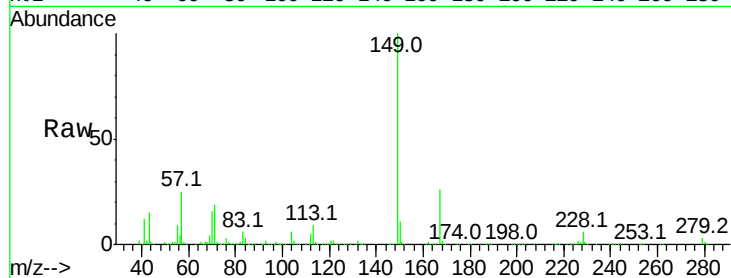
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.25 ng
 RT: 18.75 min Scan# 2858
 Delta R.T. 0.03 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.4	21.0	31.4
279	3.2	1.9	2.9#

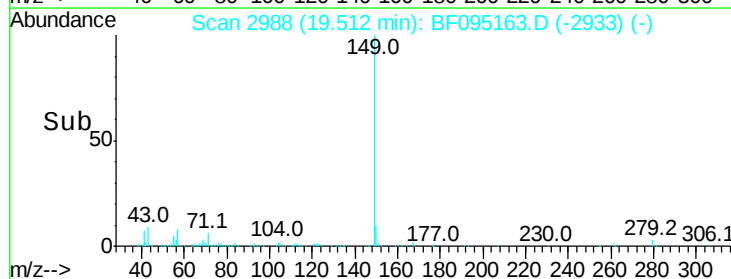
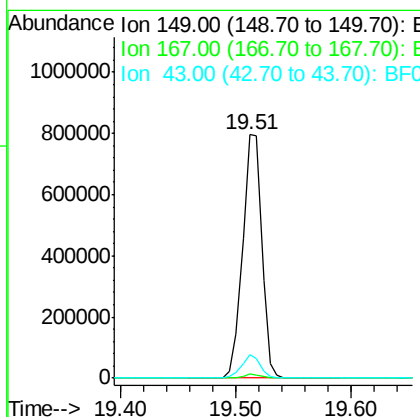
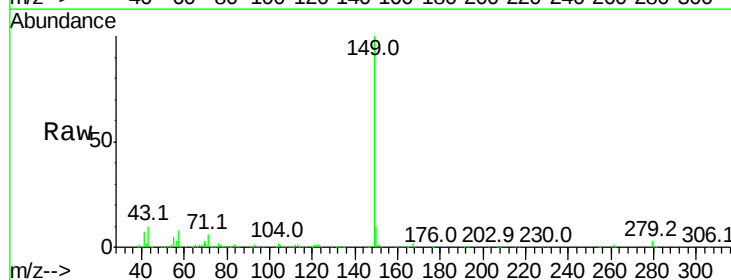
Manual Integrations
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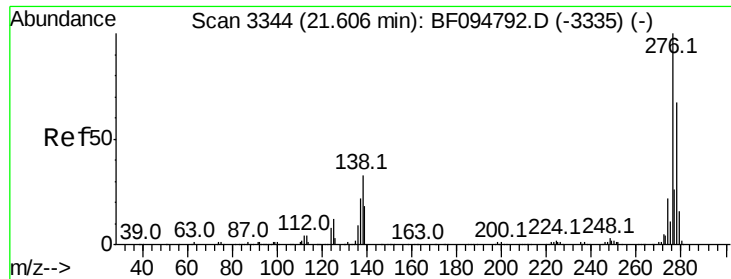
mohammad
 5/17/2017 5:48:53 PM



#84
 Di-n-octyl phthalate
 Concen: 55.19 ng
 RT: 19.51 min Scan# 2988
 Delta R.T. 0.02 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.8	8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 62.94 ng

RT: 21.70 min Scan# 3360

Delta R.T. 0.09 min

Lab File: BF095163.D

Acq: 16 May 2017 18:53

Instrument :

BNA_F

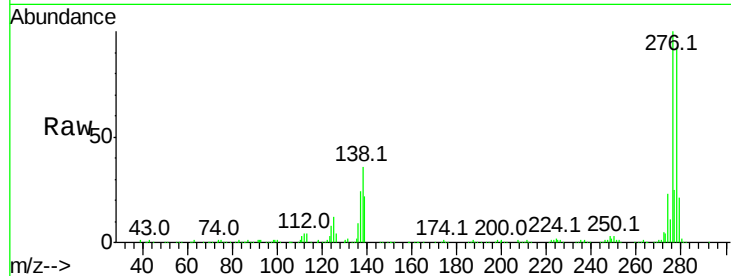
ClientSampleId :

E2-U10-ESWMS

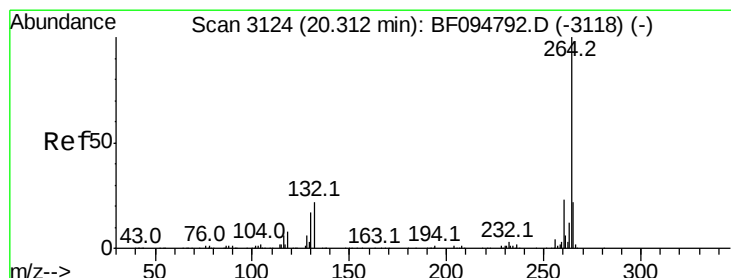
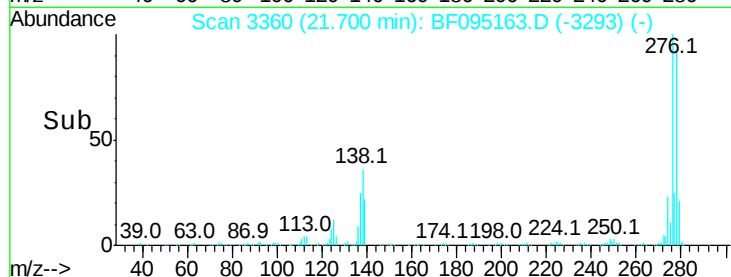
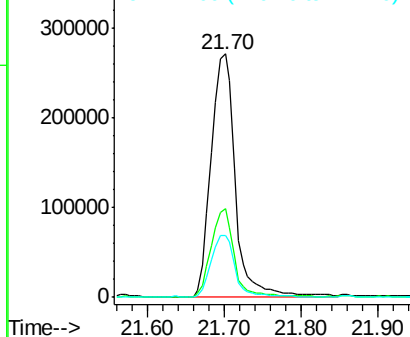
Tot Ion:	276	Resp:	587961
Ion Ratio	Lower	Upper	
276	100		
138	33.7	27.8	41.6
277	24.8	20.2	30.4

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

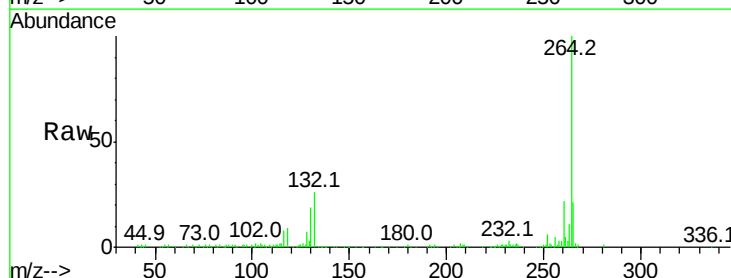
RT: 20.36 min Scan# 3133

Delta R.T. 0.05 min

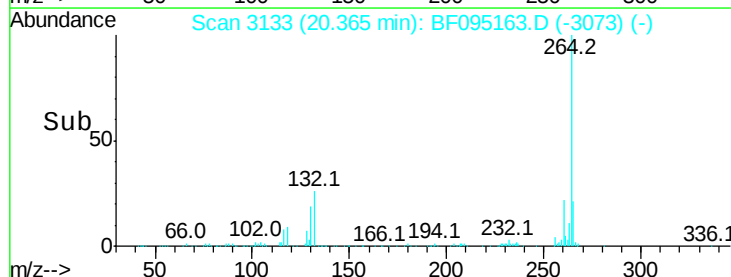
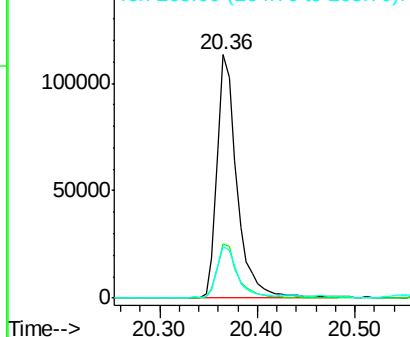
Lab File: BF095163.D

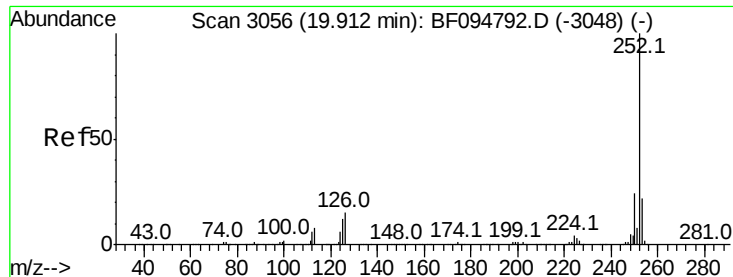
Acq: 16 May 2017 18:53

Tgt Ion:	264	Resp:	162515
Ion Ratio	Lower	Upper	
264	100		
260	22.4	19.5	29.3
265	21.3	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 55.71 ng

RT: 19.96 min Scan# 3064

Delta R.T. 0.05 min

Lab File: BF095163.D

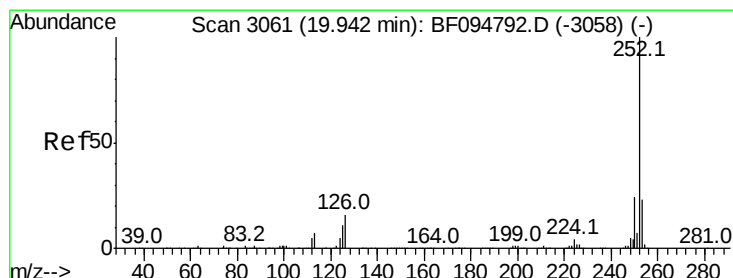
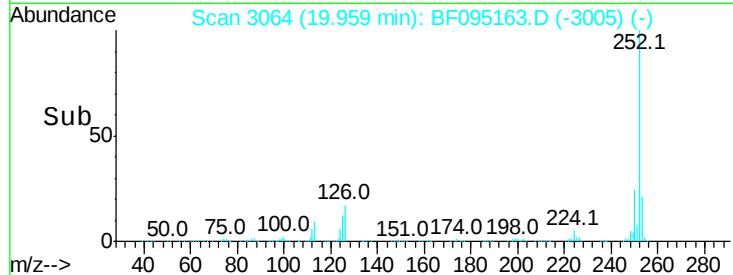
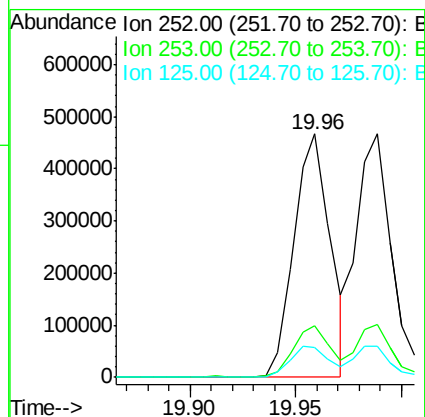
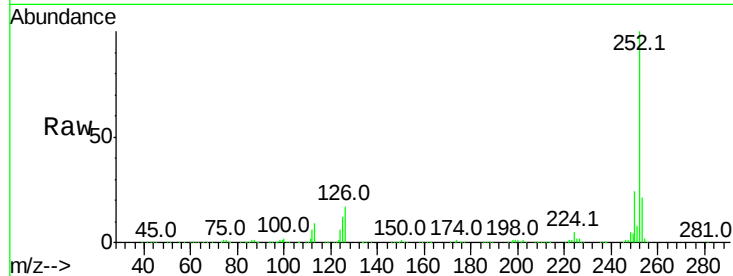
Acq: 16 May 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	559391		
253	21.1	18.1	27.1	
125	12.5	9.8	14.8	

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#88

Benzo(k)fluoranthene

Concen: 56.21 ng

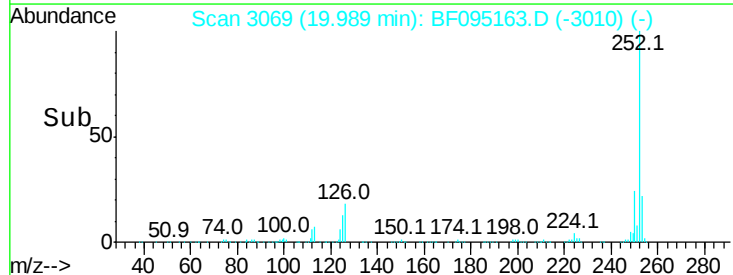
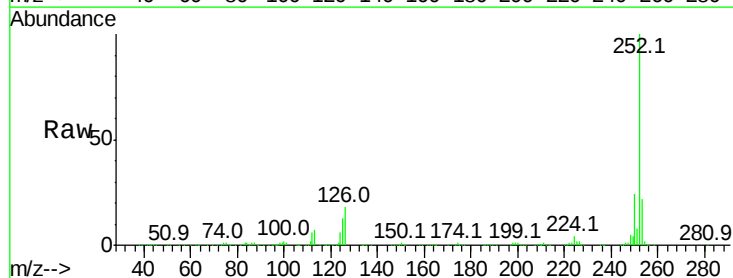
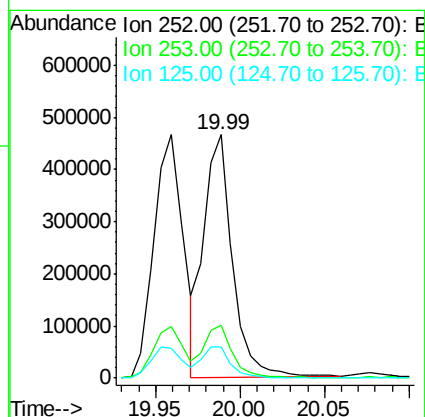
RT: 19.99 min Scan# 3069

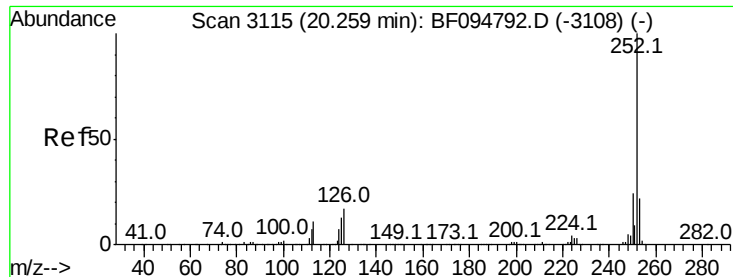
Delta R.T. 0.05 min

Lab File: BF095163.D

Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	544441		
253	21.8	18.4	27.6	
125	13.0	13.1	19.7	





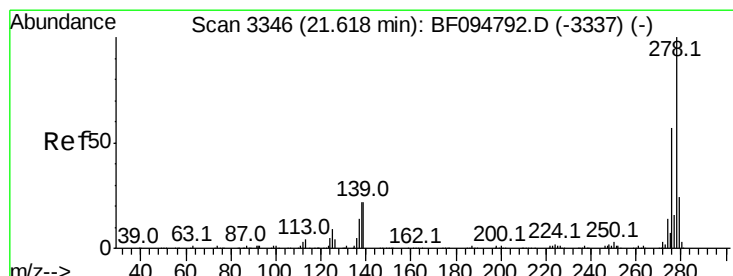
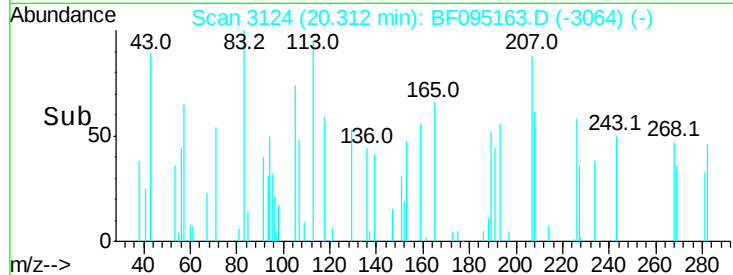
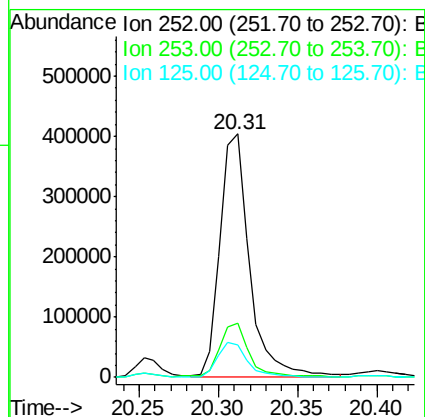
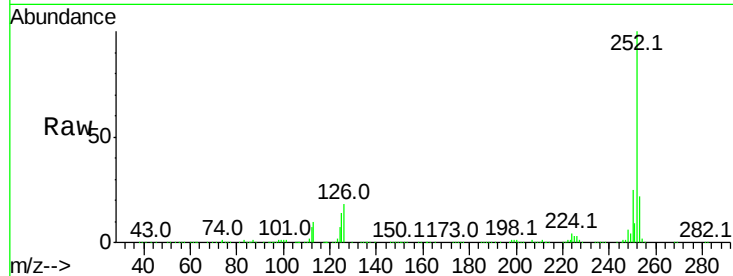
#89
Benzo(a)pyrene
Concen: 56.39 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.05 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Instrument :
BNA_F
ClientSampled :
E2-U10-ESWMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.4	17.5	26.3	
125	13.6	11.0	16.4	

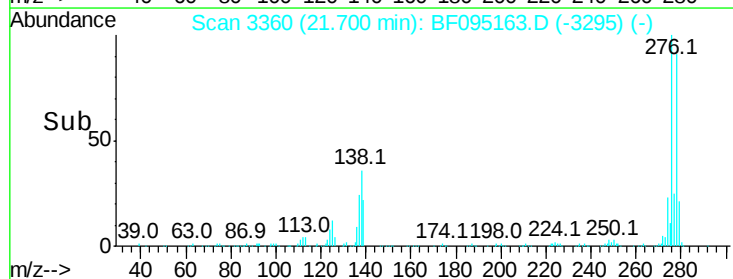
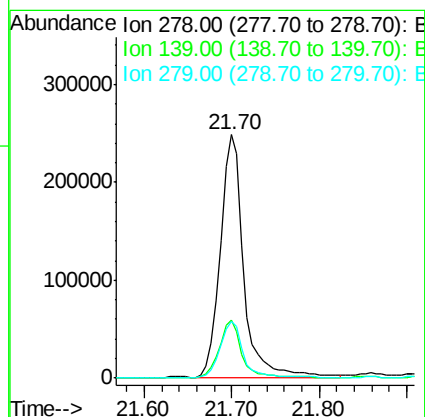
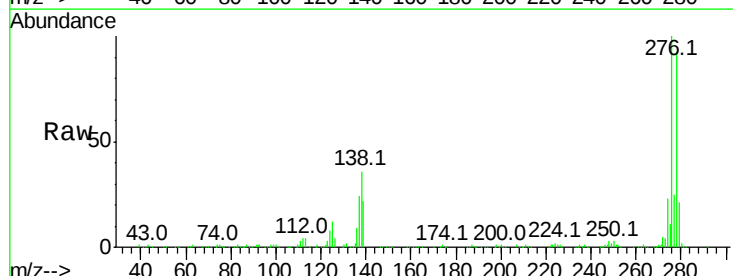
Manual Integrations
APPROVED

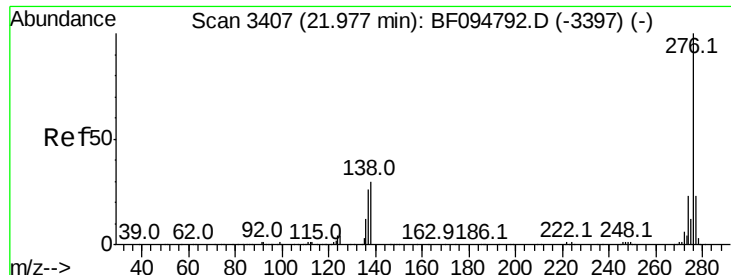
mohammad
5/17/2017 5:48:53 PM



#90
Dibenzo(a,h)anthracene
Concen: 59.83 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.08 min
Lab File: BF095163.D
Acq: 16 May 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	23.6	16.6	24.8	
279	23.2	19.3	28.9	





#91
 Benzo(a,h,i)perylene
 Concen: 68.66 ng
 RT: 22.08 min Scan# 3425
 Delta R.T. 0.11 min
 Lab File: BF095163.D
 Acq: 16 May 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMS

Tot Ion:	276	Resp:	515620
Ion Ratio	Lower	Upper	
276	100		
277	24.9	18.6	28.0
138	29.4	25.4	38.0

Manual Integrations
 APPROVED

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