

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094598.D
 Acq On : 25 Apr 2017 11:59
 Operator : SJ/MA
 Sample : PB98413BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98413BS

Manual Integrations
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mohammad
 4/26/2017 2:20:37 PM

Quant Time: Apr 26 02:09:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	121281	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	490001	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	223241	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	412897	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	349705	20.00	ng	-0.01
86) Perylene-d12	16.08	264	255614	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	954663	130.59	ng	0.00
7) Phenol-d6	5.39	99	1153826	133.88	ng	0.00
23) Nitrobenzene-d5	6.41	82	716010	90.23	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	247157	141.54	ng	0.00
44) 2-Fluorobiphenyl	8.57	172	1283277	84.58	ng	-0.01
78) Terphenyl-d14	13.18	244	1226318	93.73	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.13	88	120188	28.27	ng	98
3) Pyridine	2.65	79	337022	36.27	ng	98
4) n-Nitrosodimethylamine	2.60	42	152385	39.64	ng	89
6) Aniline	5.39	93	307970	26.89	ng	# 77
8) 2-Chlorophenol	5.53	128	357487	42.98	ng	95
9) Benzaldehyde	5.25	77	108016	16.48	ng	99
10) Phenol	5.40	94	434279	41.02	ng	97
11) bis(2-Chloroethyl)ether	5.47	93	328078	42.42	ng	97
12) 1,3-Dichlorobenzene	5.69	146	376814	40.89	ng	99
13) 1,4-Dichlorobenzene	5.78	146	382022	41.20	ng	98
14) 1,2-Dichlorobenzene	5.95	146	352290	41.25	ng	97
15) Benzyl Alcohol	5.94	79	270881	42.37	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.09	45	424838	41.90	ng	66
17) 2-Methylphenol	6.08	107	283756	43.31	ng	94
18) Hexachloroethane	6.34	117	129884	40.86	ng	# 86
19) n-Nitroso-di-n-propylamine	6.25	70	245699	43.03	ng	96
20) 3+4-Methylphenols	6.26	107	394046	44.26	ng	# 60
22) Acetophenone	6.23	105	500643	42.02	ng	# 86
24) Nitrobenzene	6.43	77	353233	42.27	ng	93
25) Isophorone	6.72	82	627835	42.68	ng	95
26) 2-Nitrophenol	6.80	139	198294	44.17	ng	96
27) 2,4-Dimethylphenol	6.88	122	314274	43.10	ng	99
28) bis(2-Chloroethoxy)methane	6.98	93	406130	42.68	ng	99
29) 2,4-Dichlorophenol	7.10	162	302488	44.59	ng	97
30) 1,2,4-Trichlorobenzene	7.18	180	292043	41.64	ng	98
31) Naphthalene	7.28	128	980289	41.61	ng	100
32) Benzoic acid	7.05	122	114568	29.71	ng	91
33) 4-Chloroaniline	7.35	127	83932	8.56	ng	94
34) Hexachlorobutadiene	7.43	225	144958	41.45	ng	97
35) Caprolactam	7.82	113	98377m	46.16	ng	
36) 4-Chloro-3-methylphenol	7.98	107	317404	44.64	ng	88
37) 2-Methylnaphthalene	8.12	142	688875	42.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	263921	41.52	ng	99
40) Hexachlorocyclopentadiene	8.31	237	259192	100.79	ng	98

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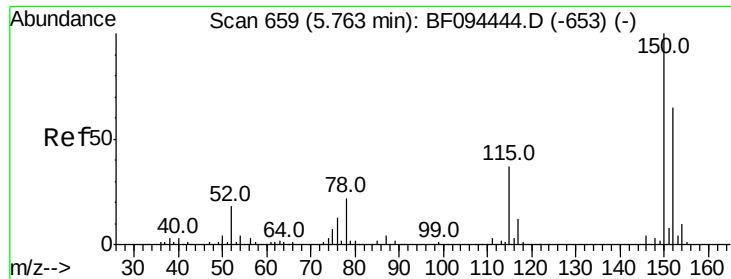
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	199580	44.71	nq	99
43) 2,4,5-Trichlorophenol	8.54	196	204267	44.56	nq	# 90
45) 1,1'-Biphenyl	8.69	154	769313	42.18	nq	98
46) 2-Chloronaphthalene	8.71	162	622185	42.90	nq	95
47) 2-Nitroaniline	8.85	65	180384	43.24	nq	# 79
48) Acenaphthylene	9.21	152	966929	42.77	nq	98
49) Dimethylphthalate	9.09	163	752246	45.22	nq	99
50) 2,6-Dinitrotoluene	9.15	165	169343	45.35	nq	97
51) Acenaphthene	9.42	154	575427	42.49	nq	100
52) 3-Nitroaniline	9.35	138	92991	21.52	nq	89
53) 2,4-Dinitrophenol	9.50	184	104528	53.63	nq	# 68
54) Dibenzofuran	9.64	168	858236	43.61	nq	98
55) 4-Nitrophenol	9.62	139	233687m	76.56	nq	
56) 2,4-Dinitrotoluene	9.65	165	220342	48.09	nq	# 83
57) Fluorene	10.06	166	661300	43.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	153752	46.79	nq	96
59) Diethylphthalate	9.95	149	713630	45.46	nq	99
60) 4-Chlorophenyl-phenylether	10.07	204	285630	44.78	nq	92
61) 4-Nitroaniline	10.11	138	170735	38.87	nq	96
62) Azobenzene	10.26	77	686278	45.03	nq	97
64) 4,6-Dinitro-2-methylphenol	10.15	198	89480	33.08	nq	# 72
65) n-Nitrosodiphenylamine	10.22	169	613260	42.71	nq	99
66) 4-Bromophenyl-phenylether	10.67	248	177538	43.30	nq	94
67) Hexachlorobenzene	10.74	284	180275	43.63	nq	# 89
68) Atrazine	10.90	200	192923	44.91	nq	97
69) Pentachlorophenol	10.99	266	157943	96.27	nq	98
70) Phenanthrene	11.24	178	995717	42.82	nq	98
71) Anthracene	11.30	178	1030956	42.87	nq	99
72) Carbazole	11.51	167	979990	43.41	nq	97
73) Di-n-butylphthalate	11.95	149	1159220	46.64	nq	99
74) Fluoranthene	12.69	202	1053181	43.70	nq	99
76) Benzidine	12.87	184	386812	27.32	nq	# 93
77) Pyrene	12.97	202	1068227	43.72	nq	99
79) Butylbenzylphthalate	13.79	149	509530	47.59	nq	91
80) Benzo(a)anthracene	14.44	228	894642	44.01	nq	99
81) 3,3'-Dichlorobenzidine	14.42	252	176349	24.51	nq	# 96
82) Chrysene	14.49	228	804331	43.30	nq	99
83) Bis(2-ethylhexyl)phthalate	14.51	149	727781	50.62	nq	# 99
84) Di-n-octyl phthalate	15.27	149	1134900	47.06	nq	97
85) Indeno(1,2,3-cd)pyrene	17.35	276	668158	37.80	nq	100
87) Benzo(b)fluoranthene	15.68	252	697712	44.62	nq	97
88) Benzo(k)fluoranthene	15.71	252	712678	48.16	nq	96
89) Benzo(a)pyrene	16.02	252	646497	44.44	nq	99
90) Dibenzo(a,h)anthracene	17.37	278	550937	45.61	nq	97
91) Benzo(g,h,i)perylene	17.72	276	566662	46.08	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.75 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

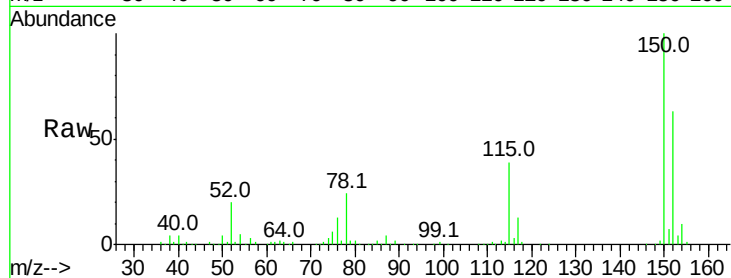
ClientSampleId :

PB98413BS

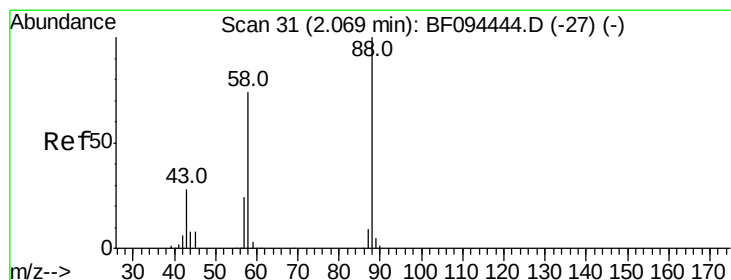
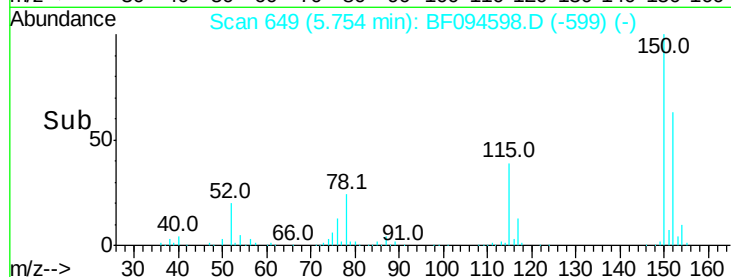
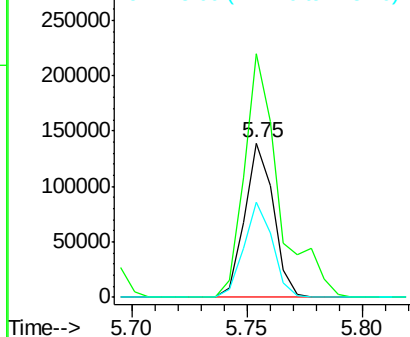
Tot Ion:	152	Resp:	121281
Ion Ratio	Lower	Upper	
152	100		
150	157.8	126.2	189.2
115	61.5	52.2	78.2

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



#2

1,4-Dioxane

Concen: 28.27 ng

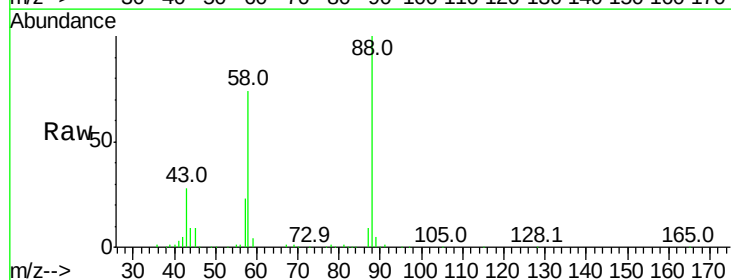
RT: 2.13 min Scan# 33

Delta R.T. 0.06 min

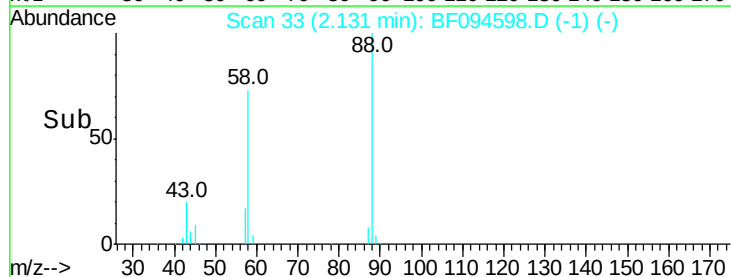
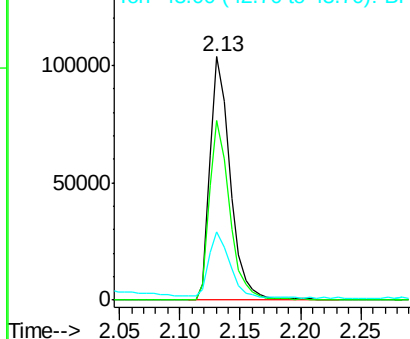
Lab File: BF094598.D

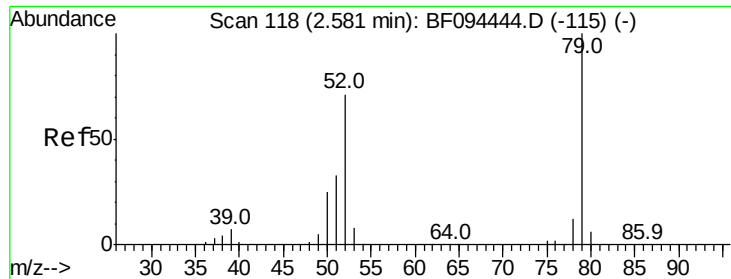
Acq: 25 Apr 2017 11:59

Tgt Ion:	88	Resp:	120188
Ion Ratio	Lower	Upper	
88	100		
58	74.0	61.4	92.0
43	29.2	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





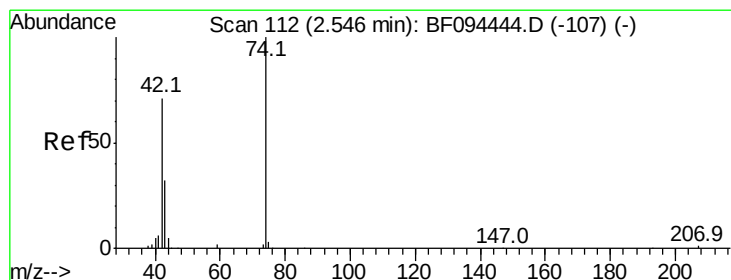
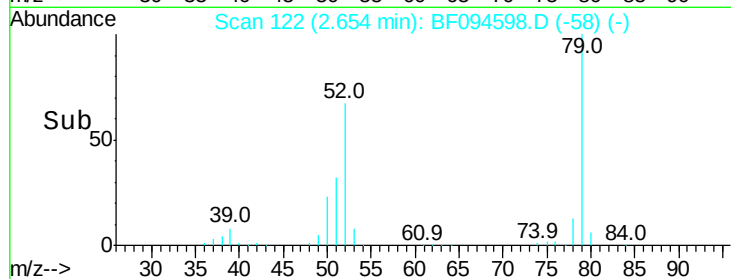
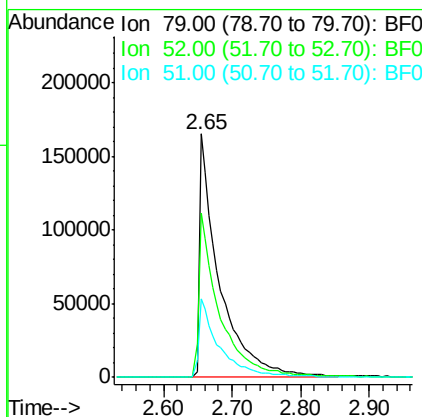
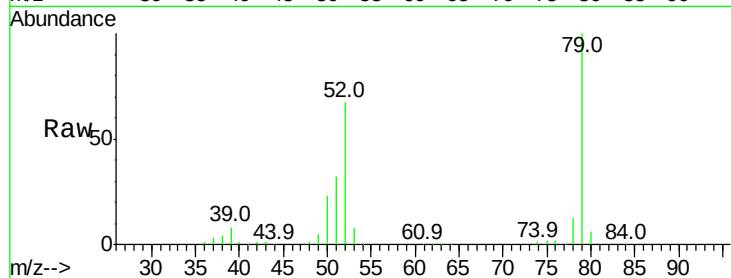
#3
 Pvridine
 Concen: 36.27 ng
 RT: 2.65 min Scan# 122
 Delta R.T. 0.07 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB98413BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	337022		
52	52	67.2		54.8	82.2
51	51	32.3		27.0	40.4

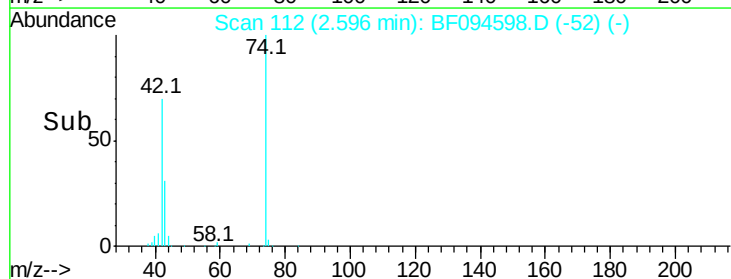
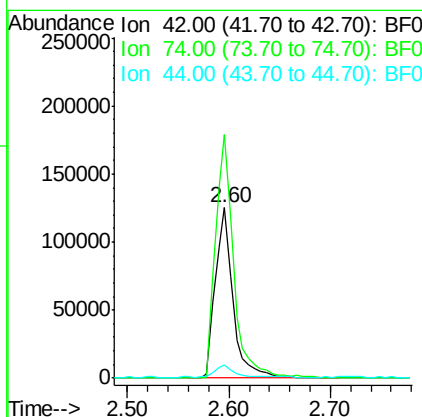
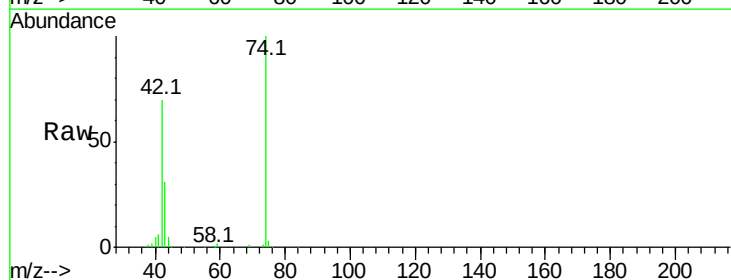
Manual Integrations
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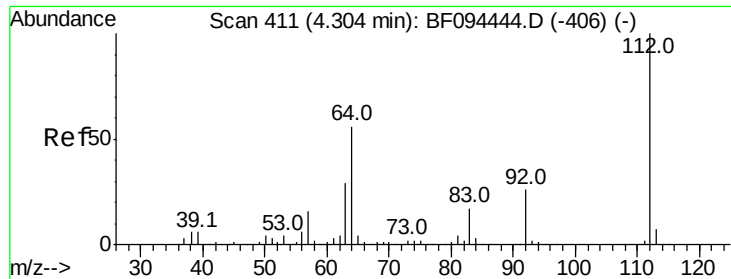
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#4
 n-Nitrosodimethylamine
 Concen: 39.64 ng
 RT: 2.60 min Scan# 112
 Delta R.T. 0.05 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	152385		
74	74	143.0		103.9	155.9
44	44	7.6		5.7	8.5





#5

2-Fluorophenol

Concen: 130.59 ng

RT: 4.31 min Scan# 404

Delta R.T. 0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

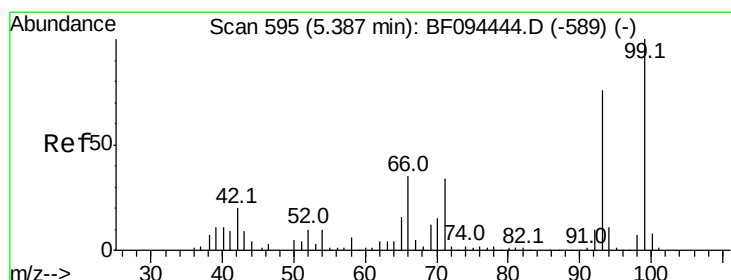
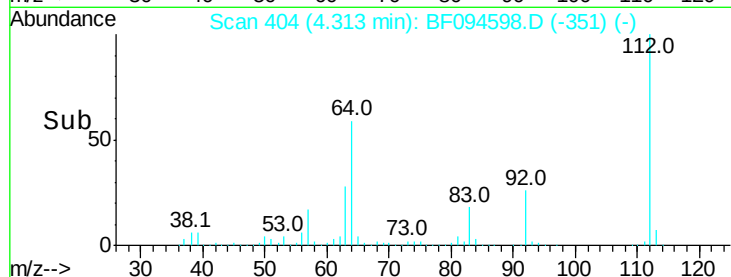
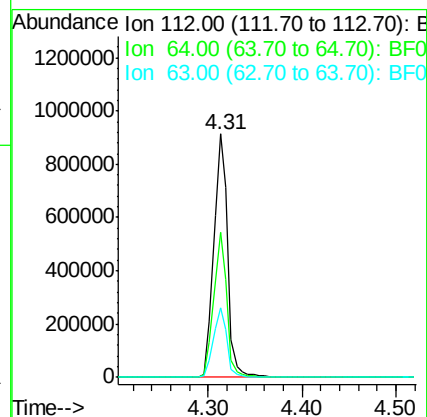
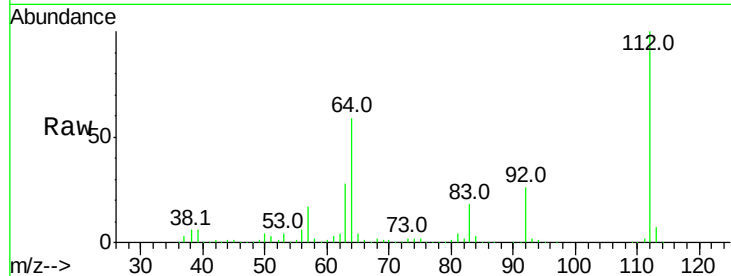
ClientSampleId :

PB98413BS

Tot Ion:	112	Resp:	954663
Ion Ratio	Lower	Upper	
112	100		
64	59.5	46.0	69.0
63	28.4	23.4	35.0

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#6

Aniline

Concen: 26.89 ng

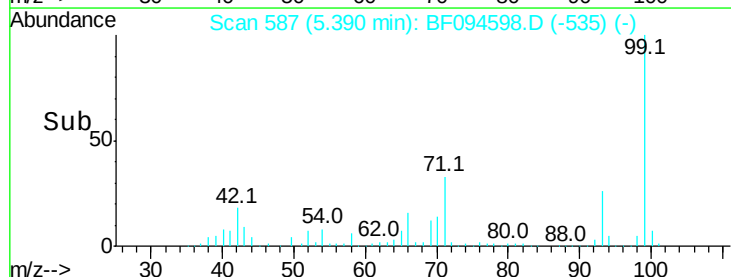
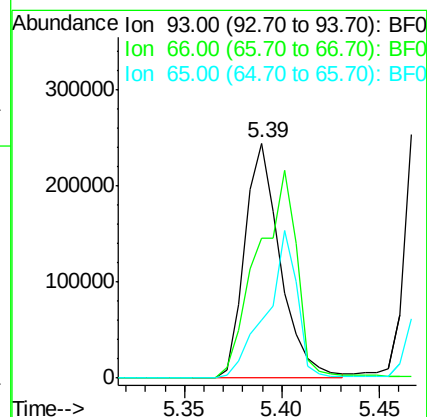
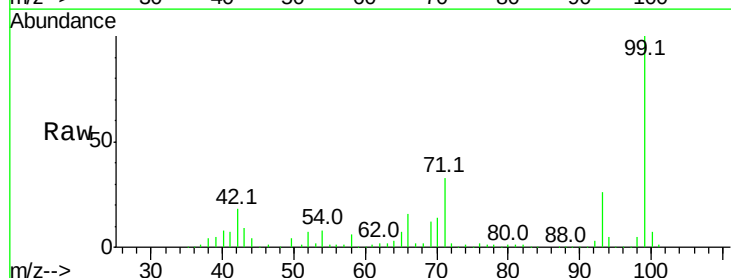
RT: 5.39 min Scan# 587

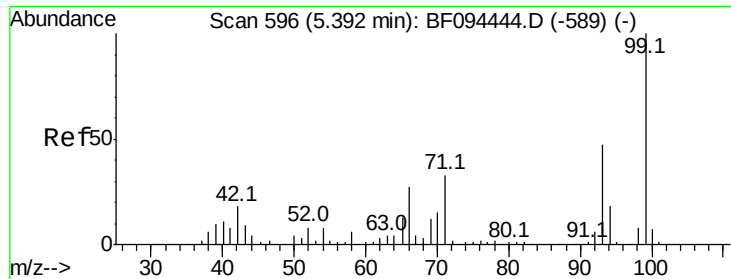
Delta R.T. 0.00 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Tgt Ion:	93	Resp:	307970
Ion Ratio	Lower	Upper	
93	100		
66	59.5	32.9	49.3#
65	24.9	16.0	24.0#





#7

Phenol-d6

Concen: 133.88 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampleId :

PB98413BS

Tot Ion: 99 Resp: 1153826

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

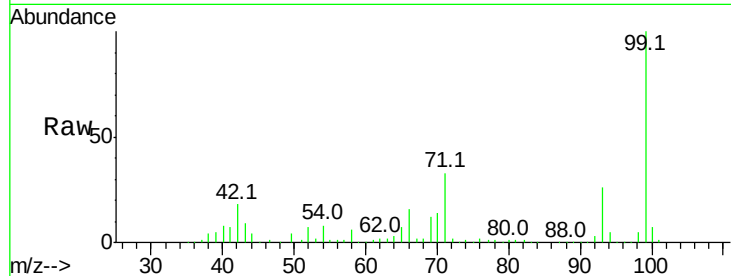
71 32.7 24.5 36.7

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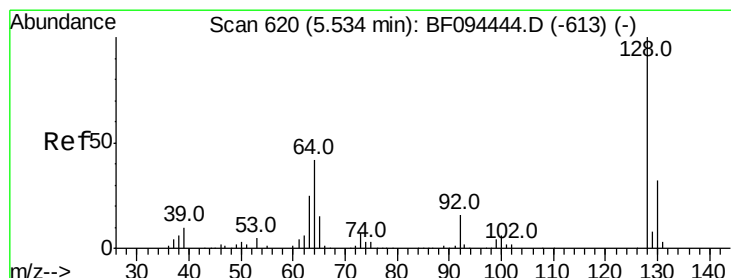
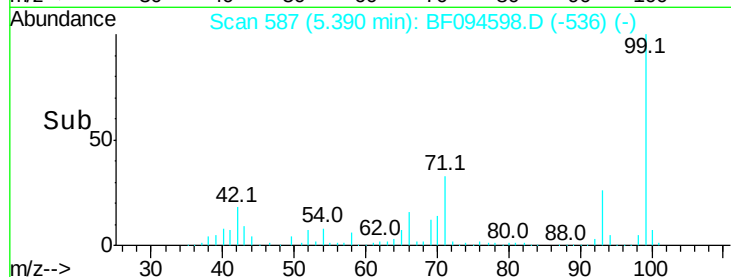
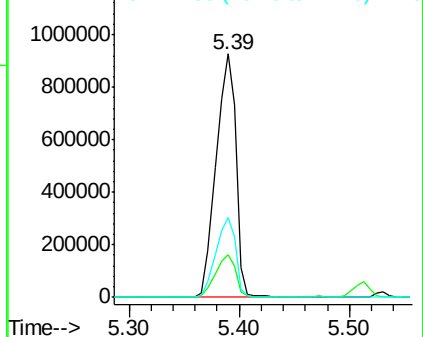
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.98 ng

RT: 5.53 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

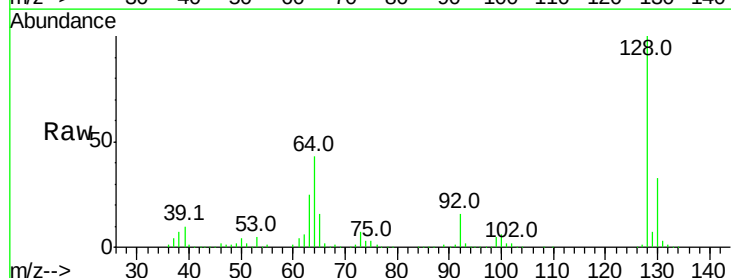
Tgt Ion:128 Resp: 357487

Ion Ratio Lower Upper

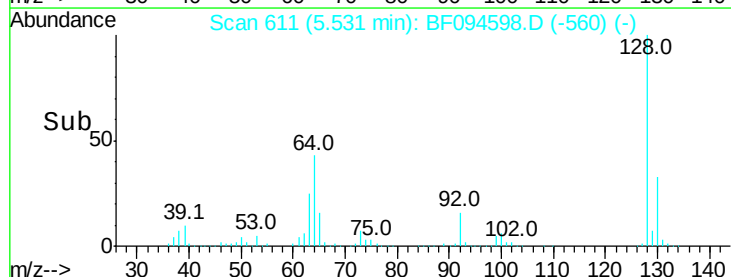
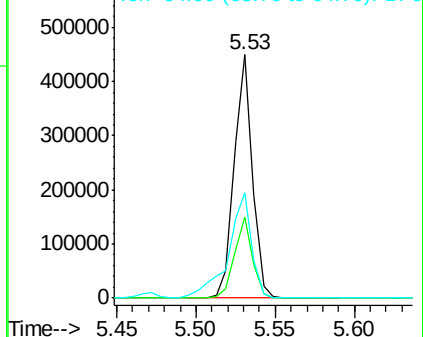
128 100

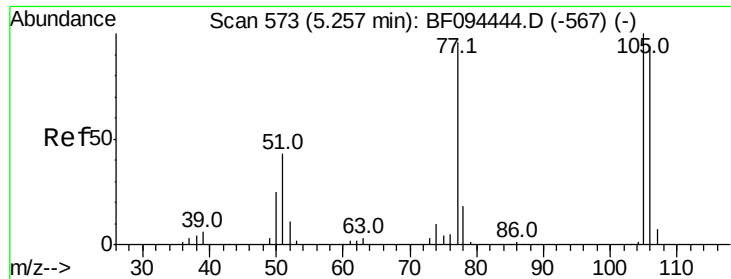
130 33.2 12.9 52.9

64 43.4 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: 16.48 ng

RT: 5.25 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

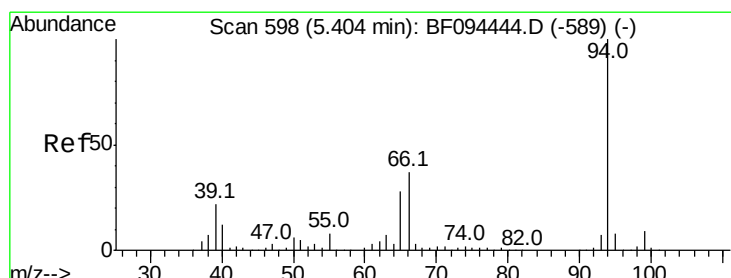
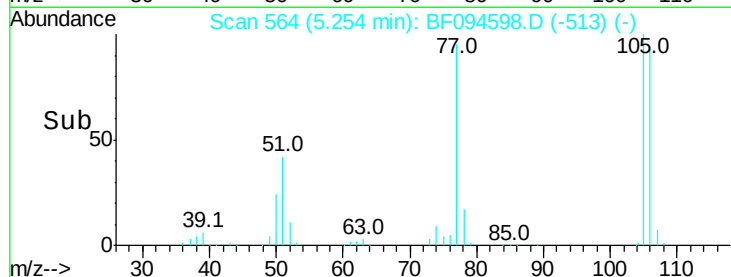
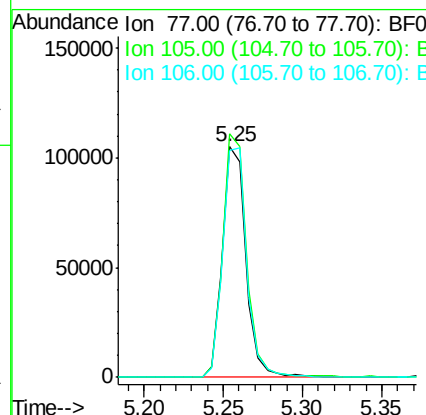
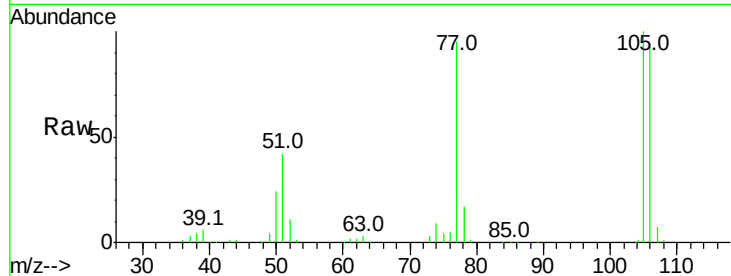
ClientSampleId :

PB98413BS

Tot Ion:	77	Resp:	108016
Ion	Ratio	Lower	Upper
77	100		
105	105.6	83.8	123.8
106	98.6	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 41.02 ng

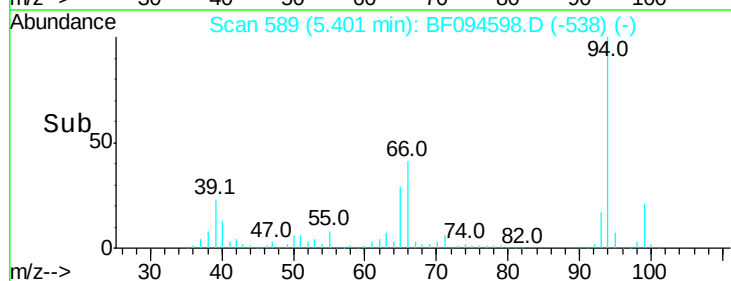
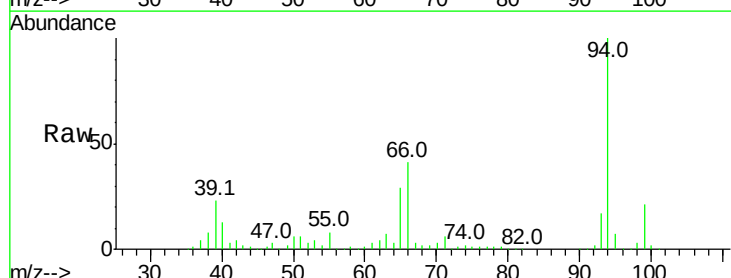
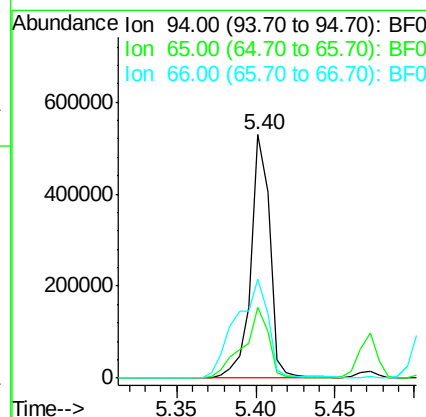
RT: 5.40 min Scan# 589

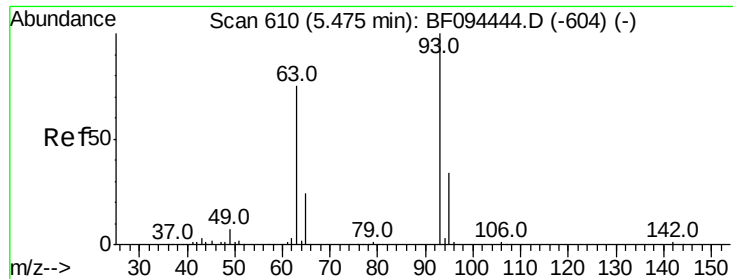
Delta R.T. -0.00 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Tgt Ion:	94	Resp:	434279
Ion	Ratio	Lower	Upper
94	100		
65	28.9	9.9	49.9
66	40.7	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 42.42 ng

RT: 5.47 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampleId :

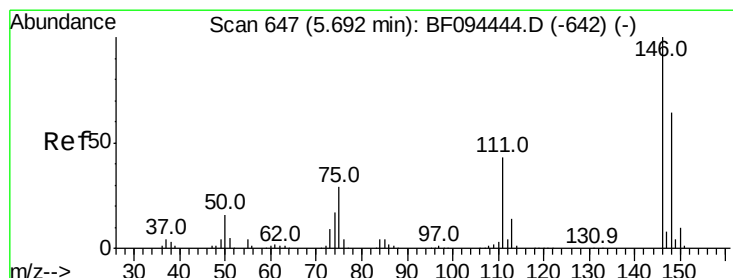
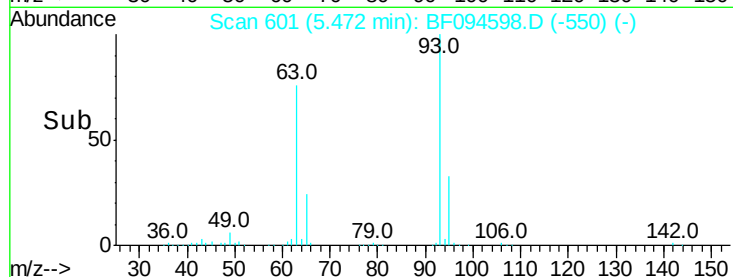
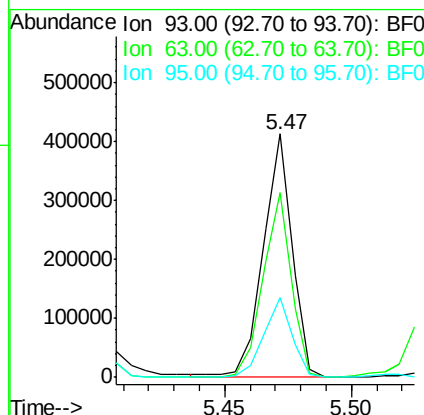
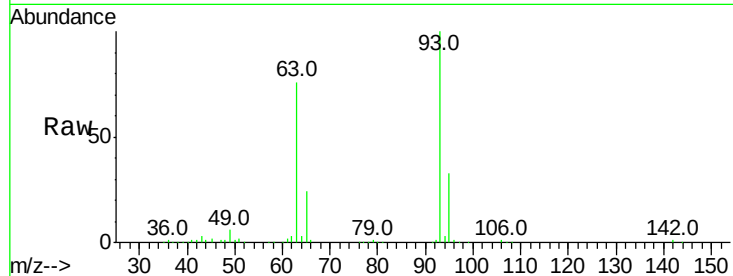
PB98413BS

Tot Ion: 93 Resp: 328078

Ion	Ratio	Lower	Upper
93	100		
63	76.1	59.2	99.2
95	33.0	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 40.89 ng

RT: 5.69 min Scan# 638

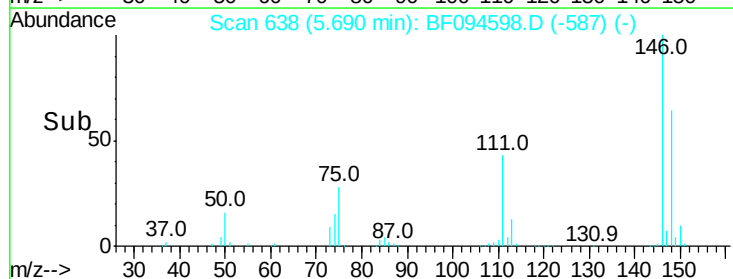
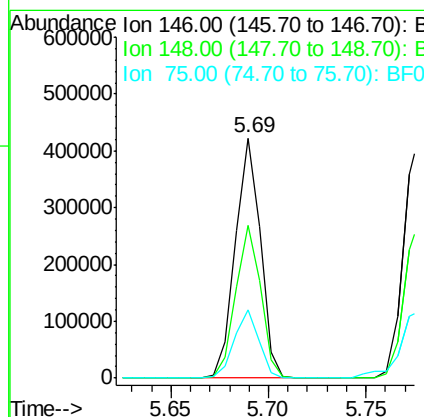
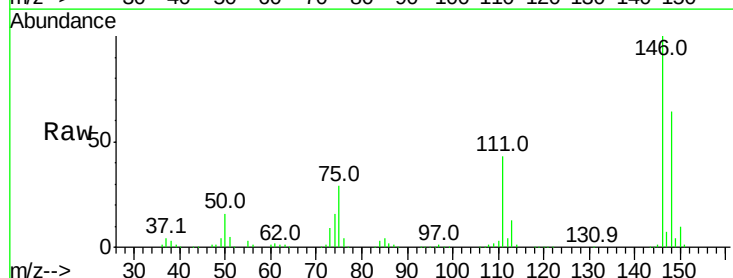
Delta R.T. -0.00 min

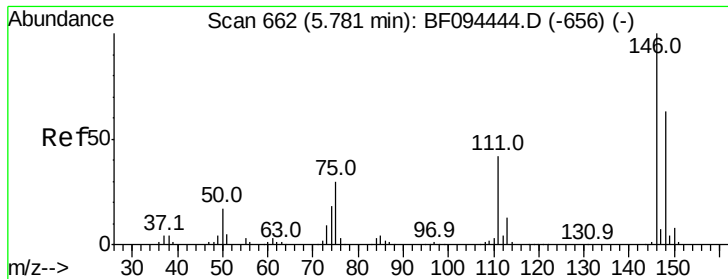
Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Tgt Ion: 146 Resp: 376814

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
75	28.5	23.1	34.7





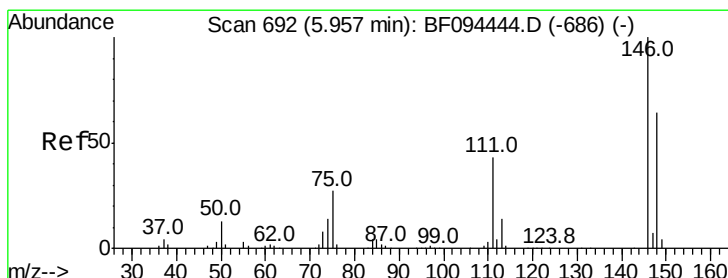
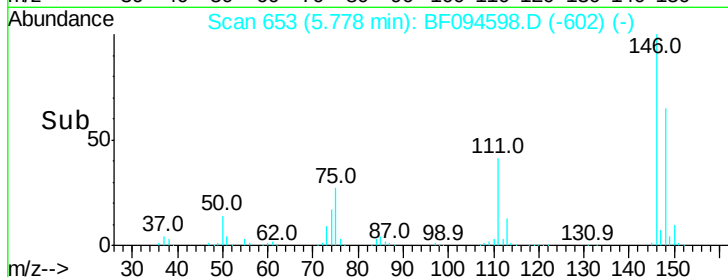
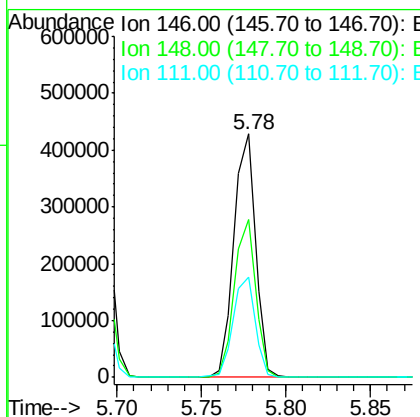
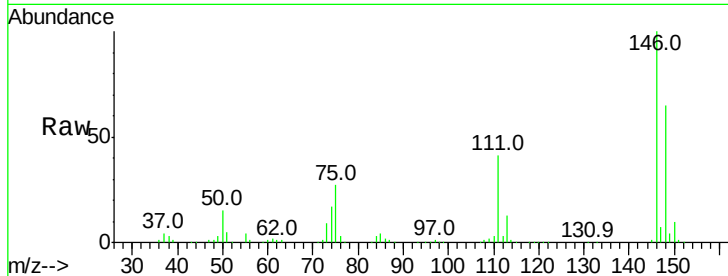
#13
 1,4-Dichlorobenzene
 Concen: 41.20 ng
 RT: 5.78 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB98413BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.2
111	41.0	30.3	45.5

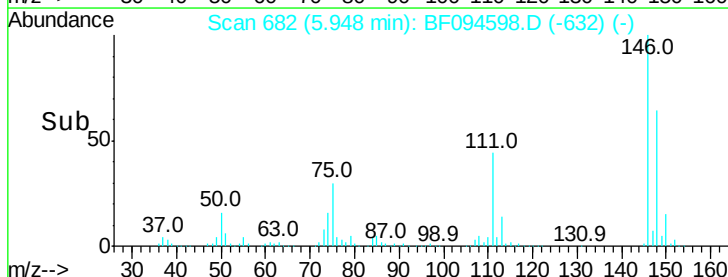
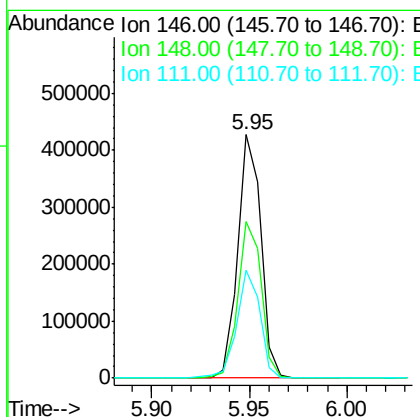
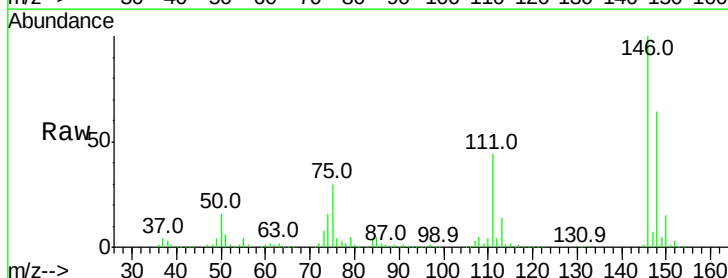
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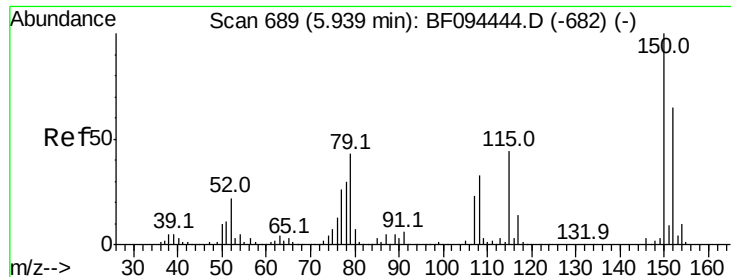
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.25 ng
 RT: 5.95 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
111	44.1	38.2	57.4





#15

Benzyl Alcohol

Concen: 42.37 ng

RT: 5.94 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampled :

PB98413BS

Tot Ion: 79 Resp: 270881

Ion Ratio Lower Upper

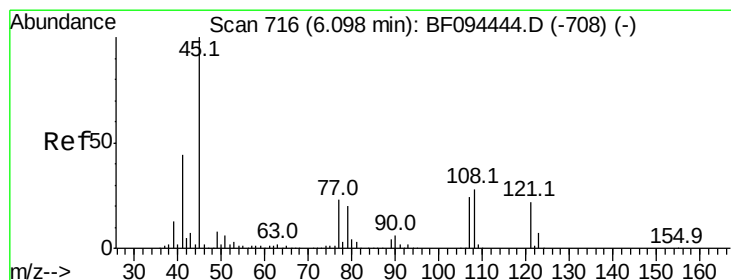
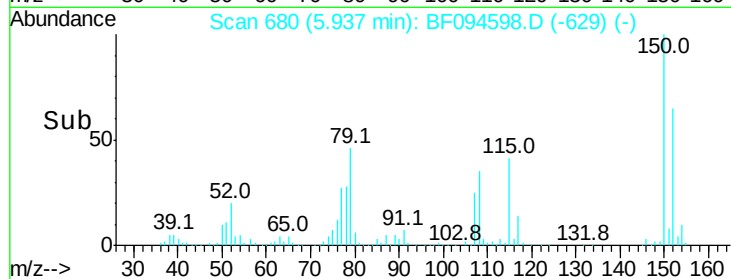
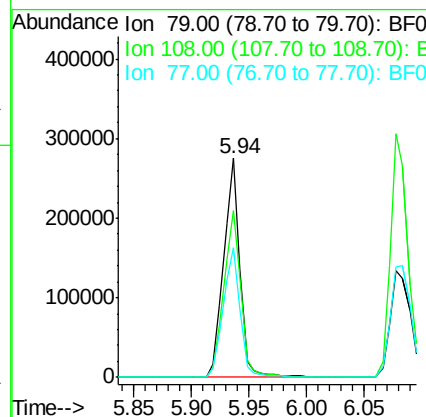
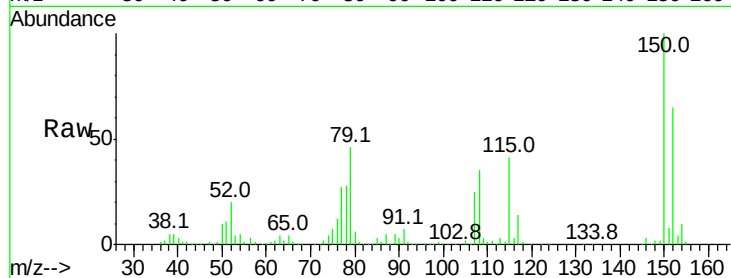
79 100

108 76.4 63.4 95.0

77 59.2 49.2 73.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.90 ng

RT: 6.09 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

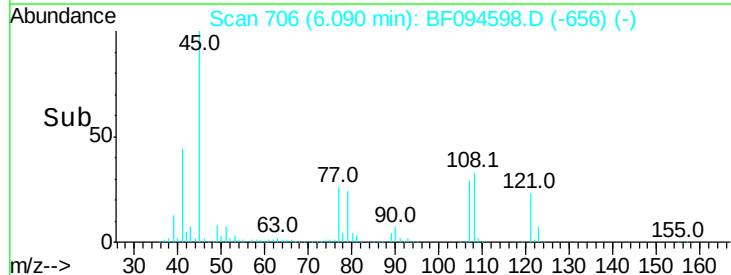
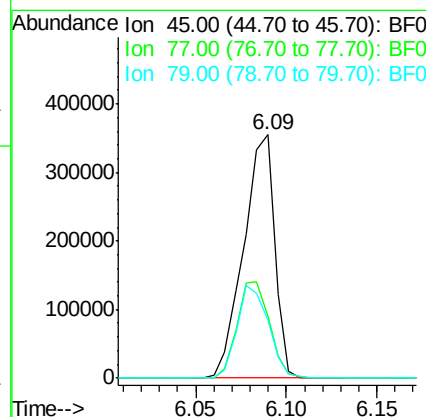
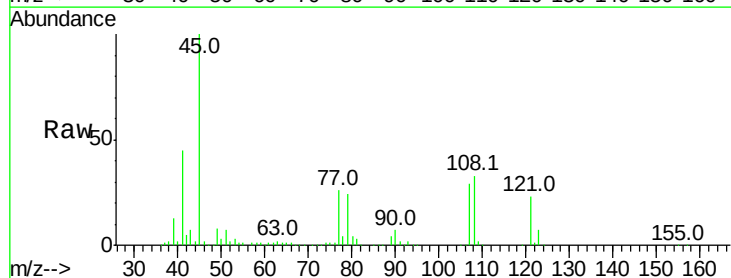
Tgt Ion: 45 Resp: 424838

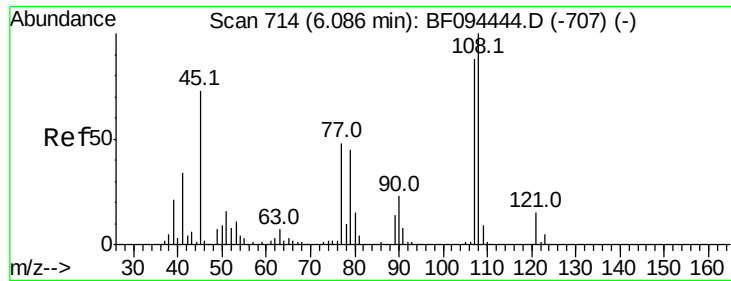
Ion Ratio Lower Upper

45 100

77 25.6 0.0 33.2

79 23.6 0.0 30.0





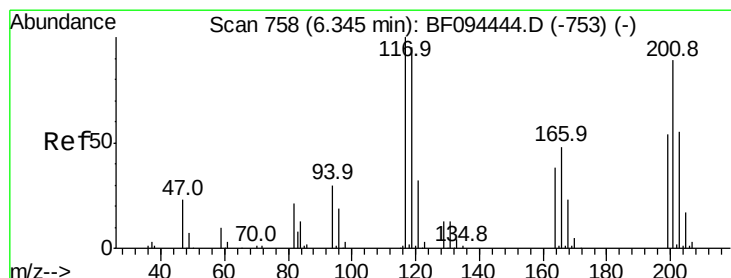
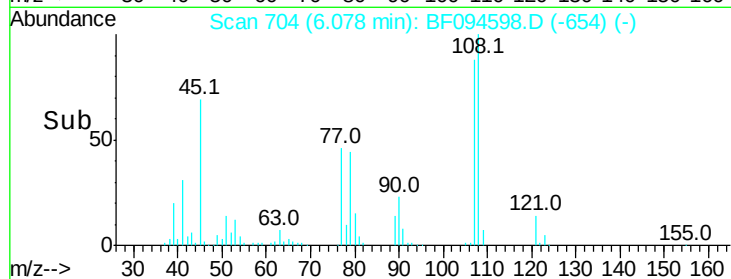
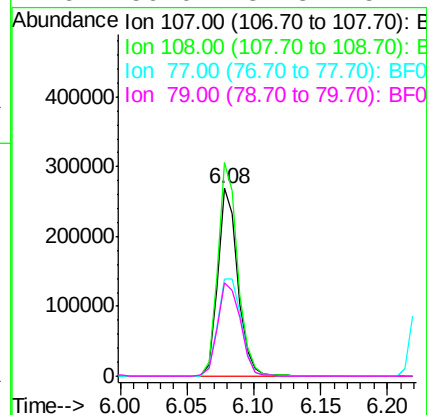
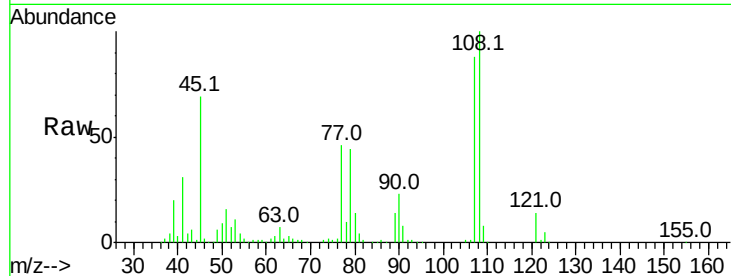
#17
2-Methylphenol
Concen: 43.31 ng
RT: 6.08 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampleId :
PB98413BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	283756		
108	108	113.8		93.4	140.0
77	77	51.8		35.8	53.6
79	79	50.0		34.8	52.2

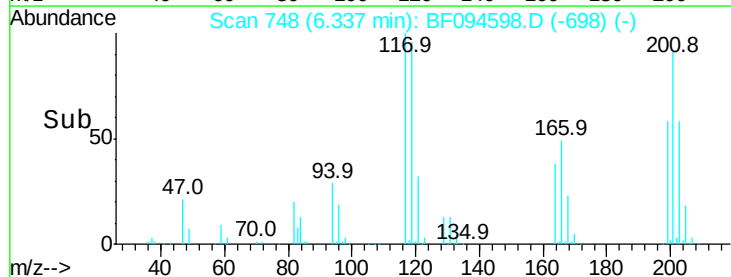
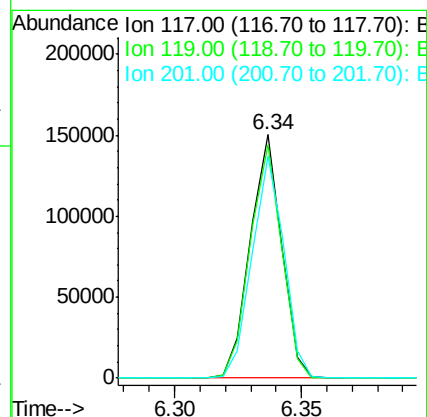
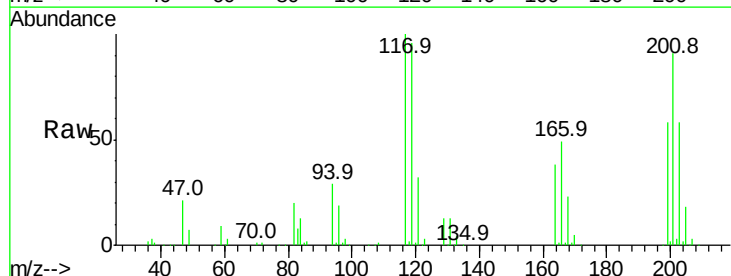
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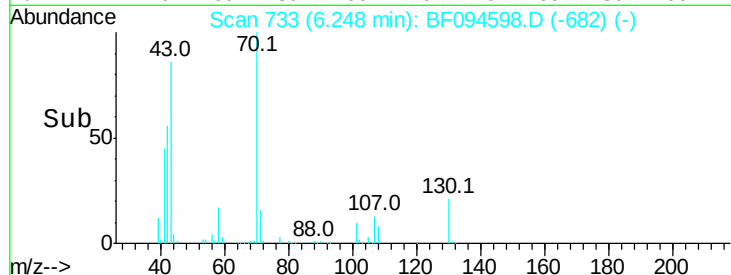
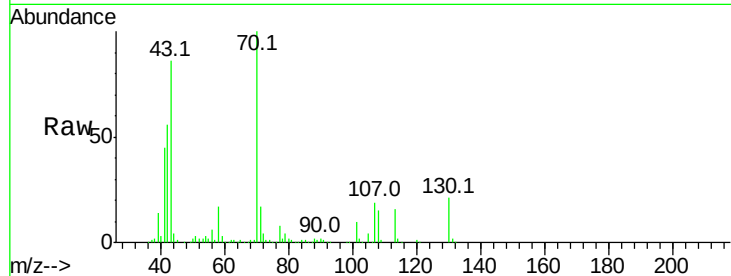
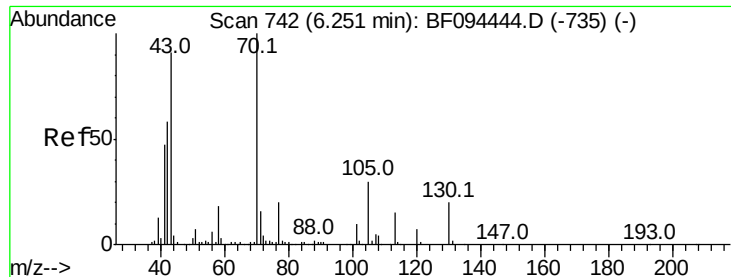
mohammad
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#18
Hexachloroethane
Concen: 40.86 ng
RT: 6.34 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	129884		
119	119	95.7		77.4	116.0
201	201	91.2		94.6	141.8#





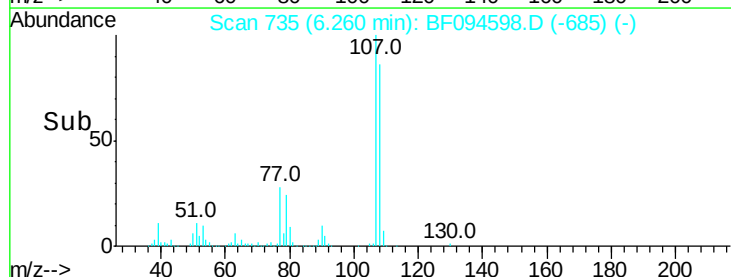
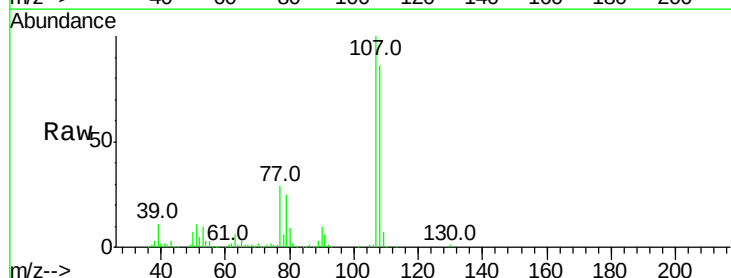
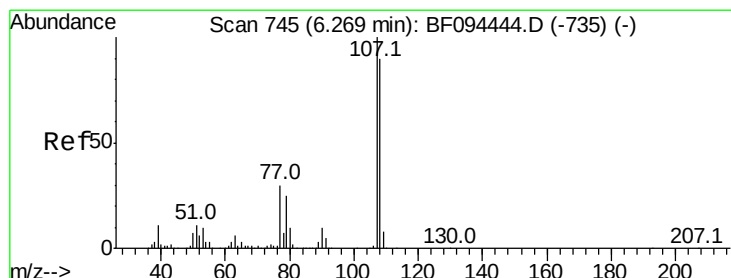
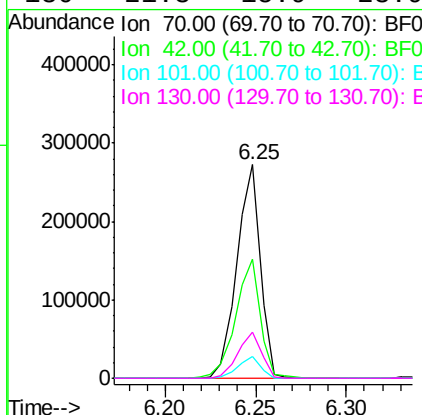
#19
n-Nitroso-di-n-propylamine
Concen: 43.03 ng
RT: 6.25 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampleId :
PB98413BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		245699		
42	55.8	47.2	70.8		
101	10.0	7.2	10.8		
130	21.3	15.9	23.9		

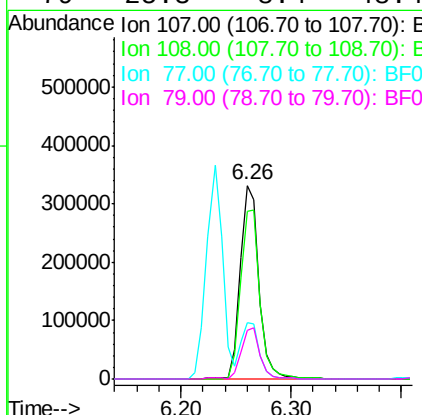
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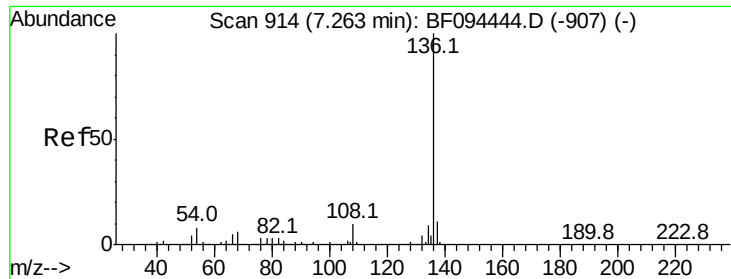
mohammad
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#20
3+4-Methylphenols
Concen: 44.26 ng
RT: 6.26 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		394046		
108	86.5	71.0	111.0		
77	28.8	90.5	130.5#		
79	25.3	8.4	48.4		





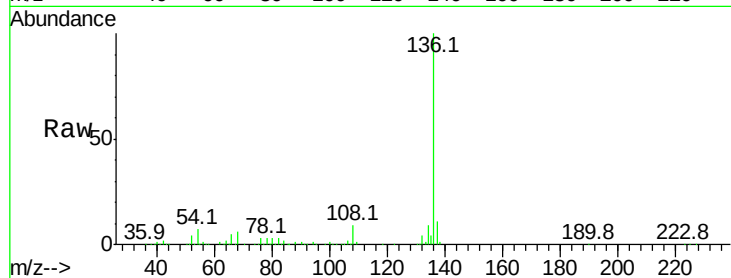
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampleId :
PB98413BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	490001		
137	10.8		8.5	12.7
54	7.0		4.9	7.3
68	5.9		4.1	6.1

Manual Integrations
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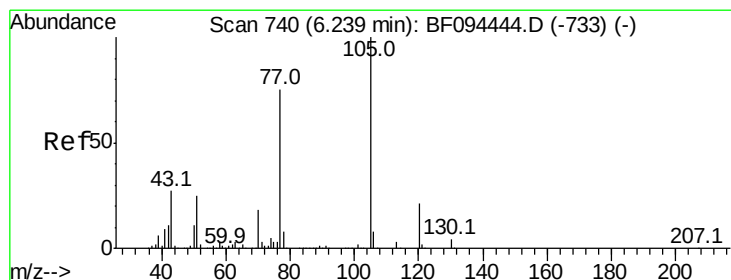
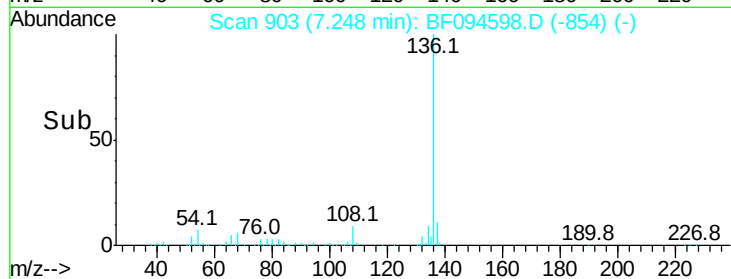
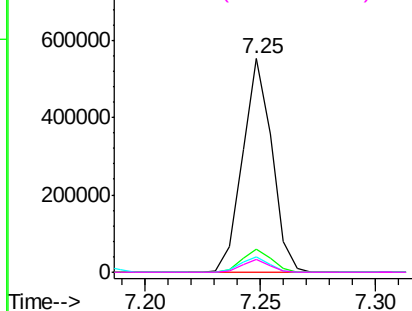
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 42.02 ng
RT: 6.23 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	500643		
71	0.6		2.8	4.2#
51	24.7		30.7	46.1#
120	21.4		17.4	26.0

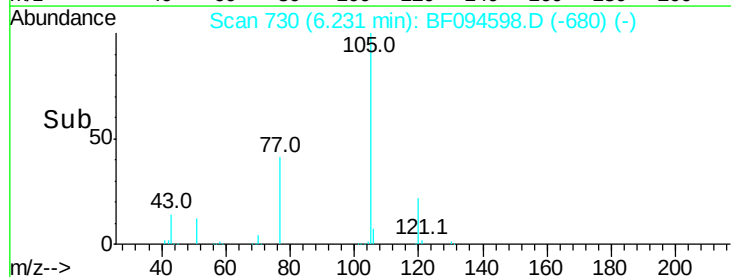
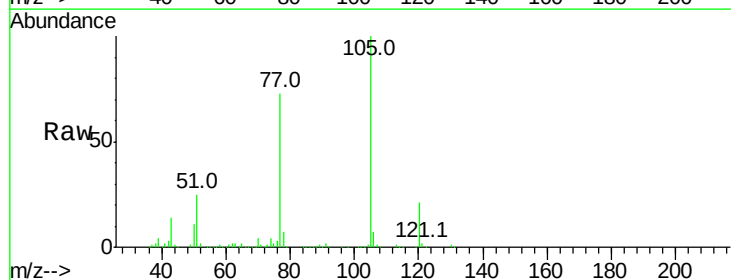
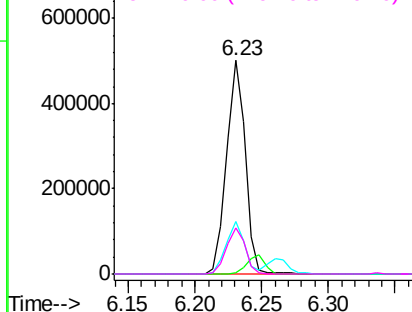
Abundance

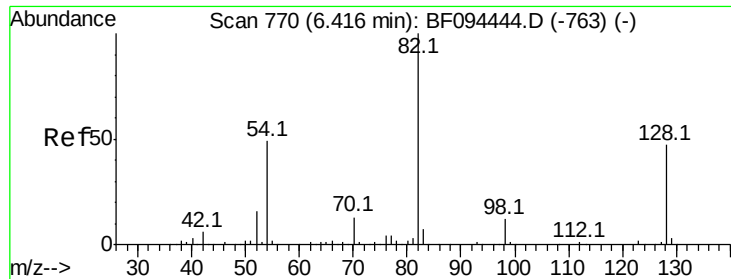
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





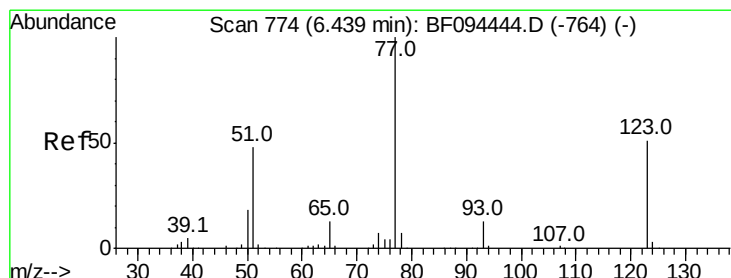
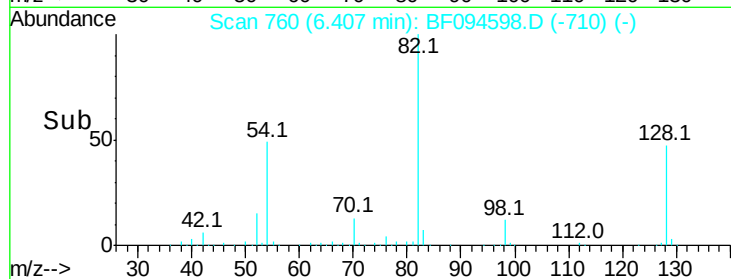
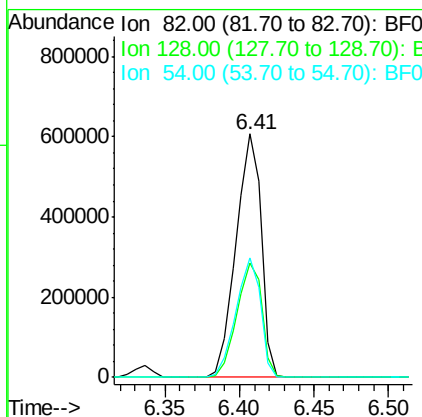
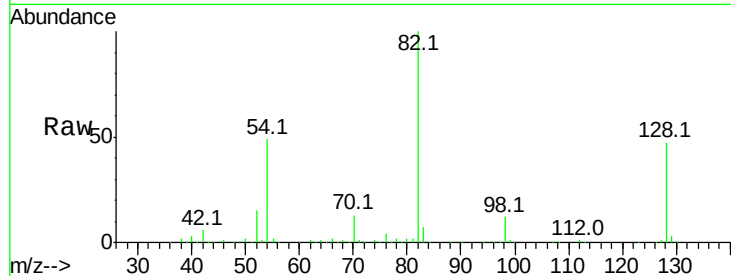
#23
Nitrobenzene-d5
Concen: 90.23 ng
RT: 6.41 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampleId :
PB98413BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.1	34.0	51.0	
54	49.0	42.2	63.2	

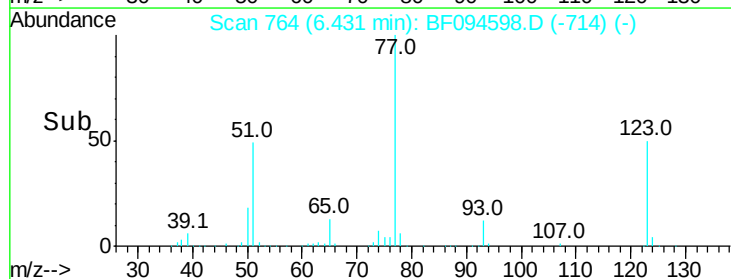
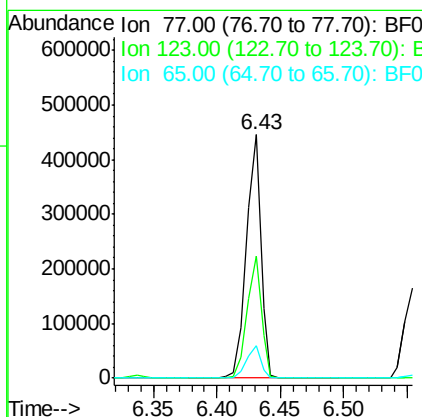
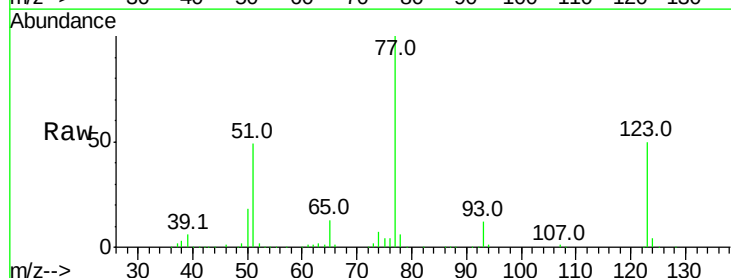
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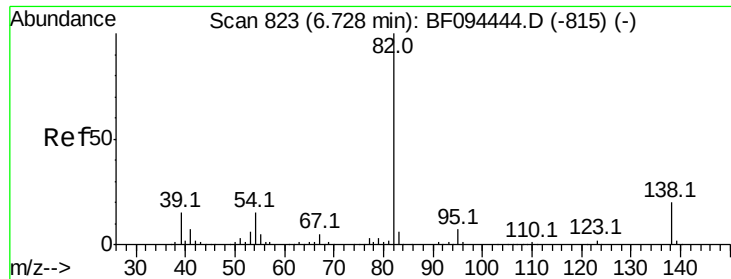
mohammad
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#24
Nitrobenzene
Concen: 42.27 ng
RT: 6.43 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.3	35.8	53.8	
65	13.3	10.6	15.8	





#25

Isophorone

Concen: 42.68 ng

RT: 6.72 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

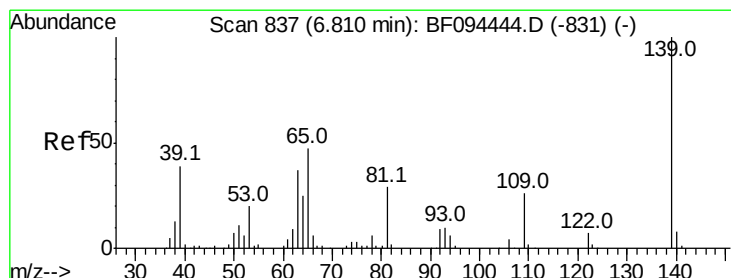
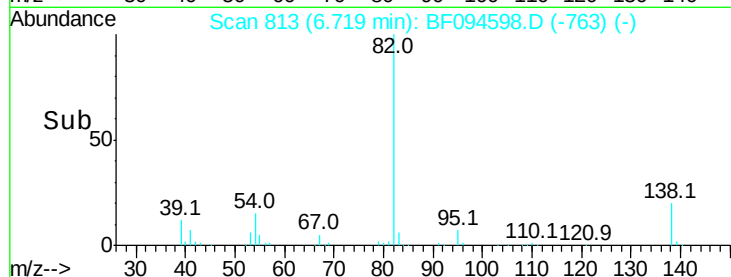
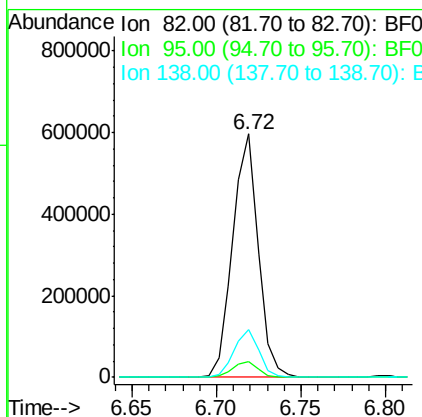
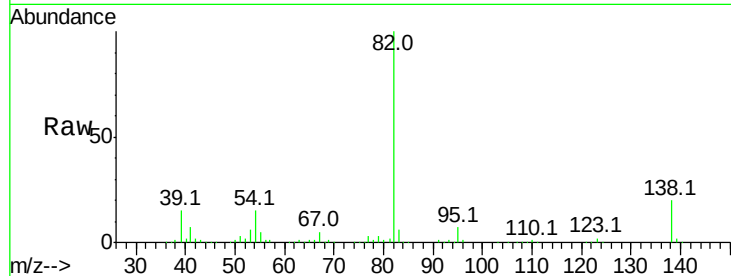
ClientSampleId :

PB98413BS

Tot Ion:	82	Resp:	627835
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	19.6	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.17 ng

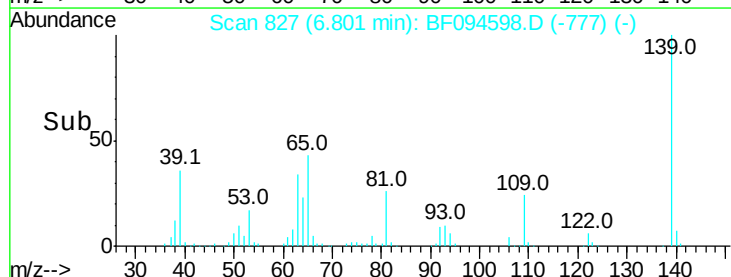
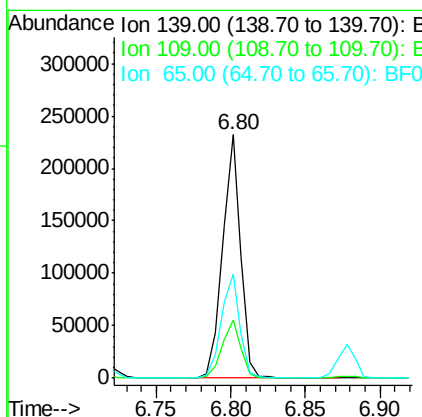
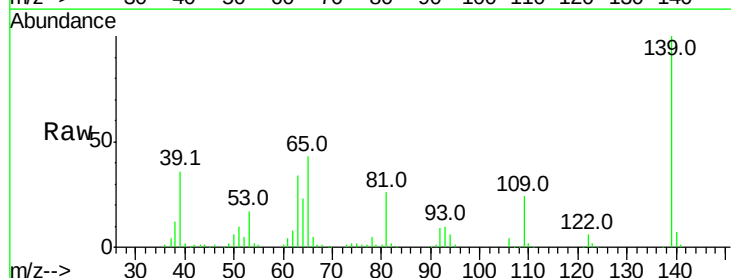
RT: 6.80 min Scan# 827

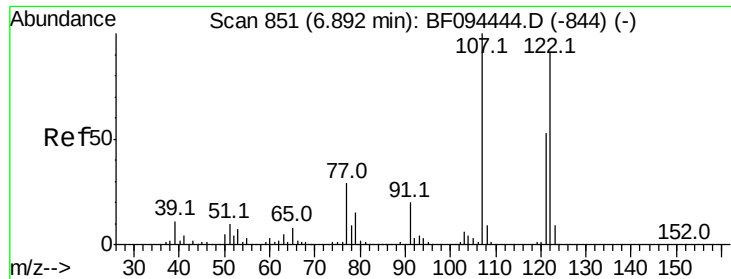
Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Tgt Ion:	139	Resp:	198294
Ion Ratio	Lower	Upper	
139	100		
109	23.7	21.0	31.6
65	43.0	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 43.10 ng

RT: 6.88 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

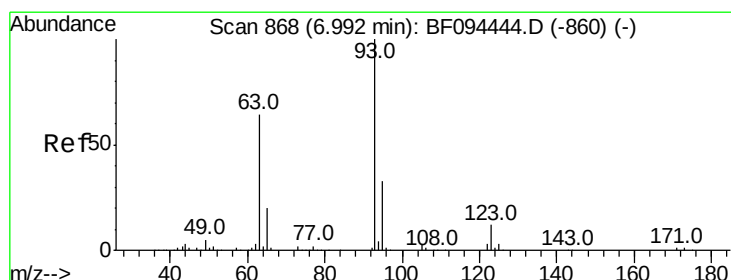
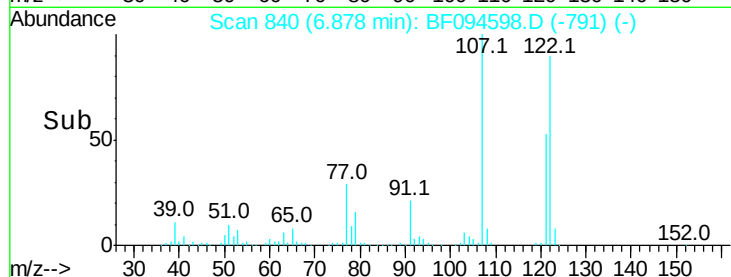
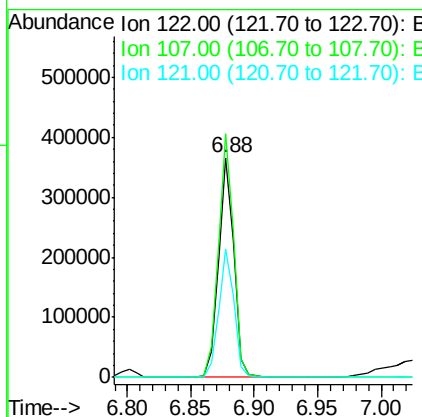
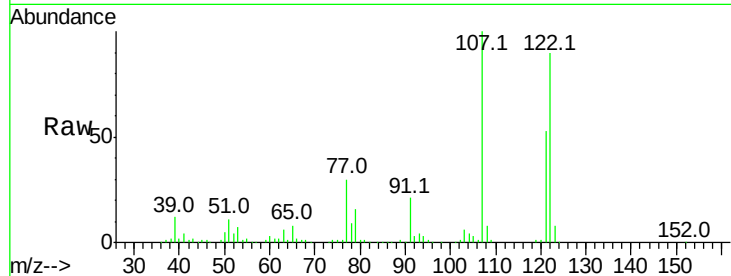
ClientSampleId :

PB98413BS

Tot Ion:	122	Resp:	314274
Ion Ratio	Lower	Upper	
122	100		
107	111.0	89.2	133.8
121	58.8	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 42.68 ng

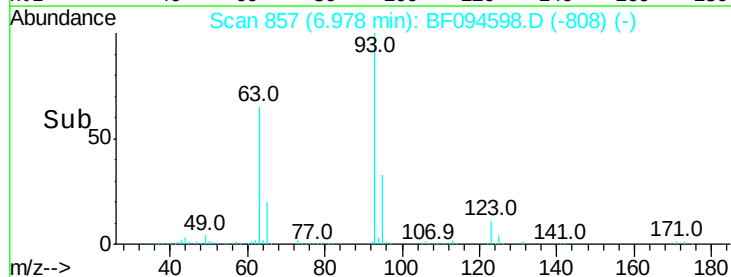
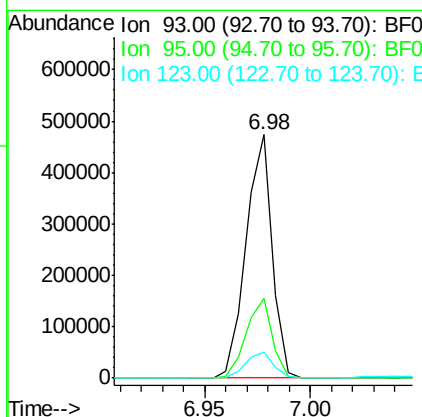
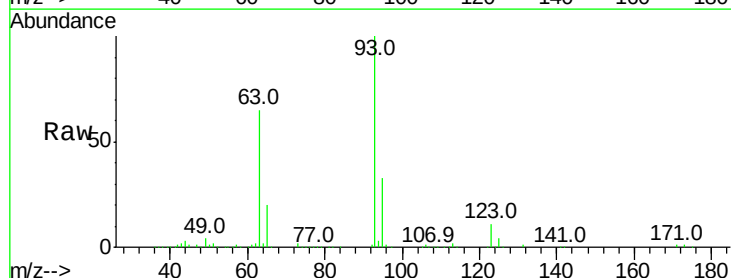
RT: 6.98 min Scan# 857

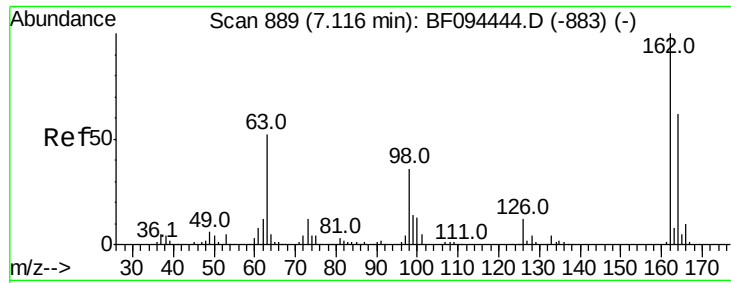
Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Tgt Ion:	93	Resp:	406130
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.5	39.7
123	10.9	9.0	13.4





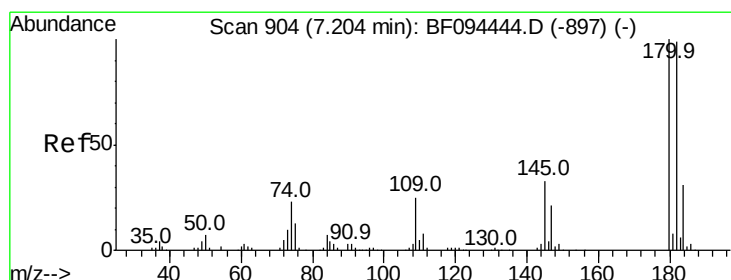
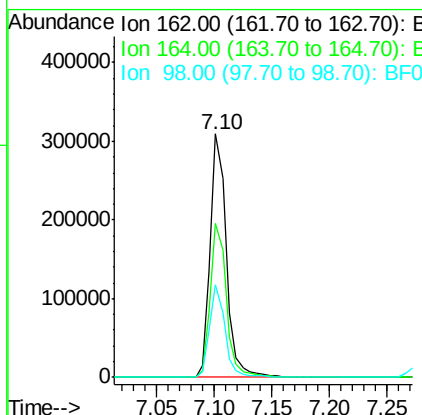
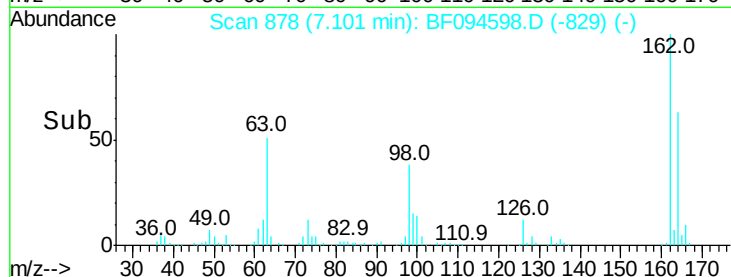
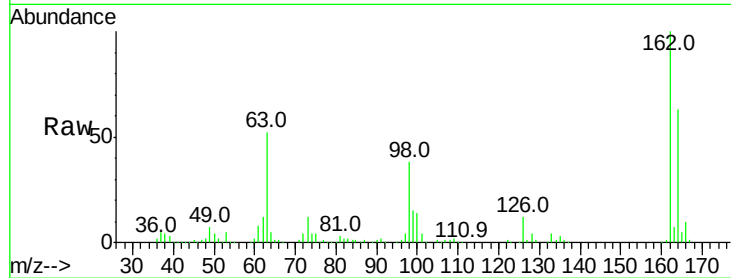
#29
 2,4-Dichlorophenol
 Concen: 44.59 ng
 RT: 7.10 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB98413BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	302488		
164	63.2	44.6	84.6	
98	37.8	14.8	54.8	

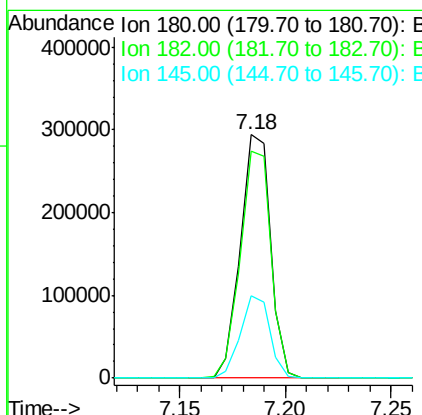
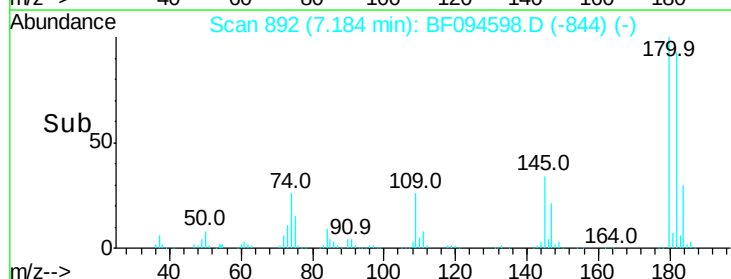
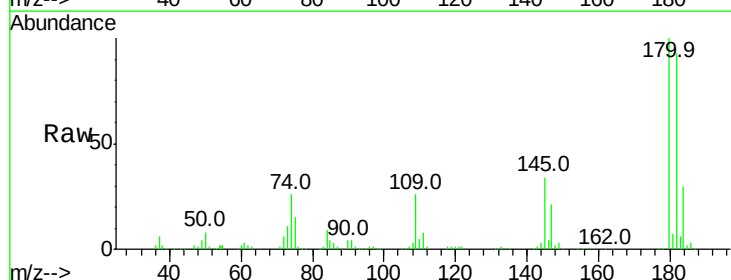
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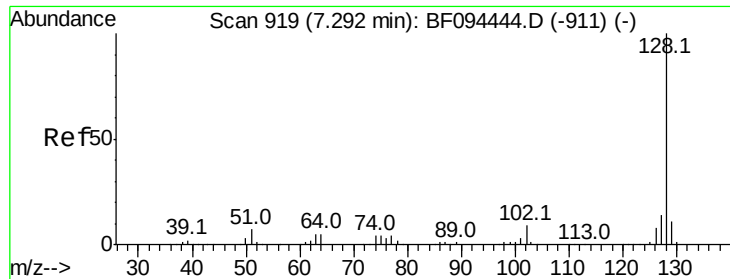
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.64 ng
 RT: 7.18 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	292043		
182	93.1	75.8	113.6	
145	34.0	25.3	37.9	





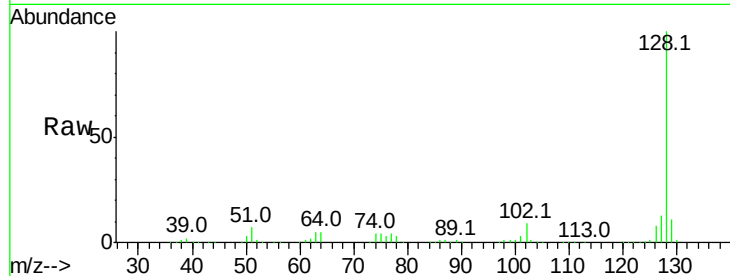
#31
Naphthalene
Concen: 41.61 ng
RT: 7.28 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampleId :
PB98413BS

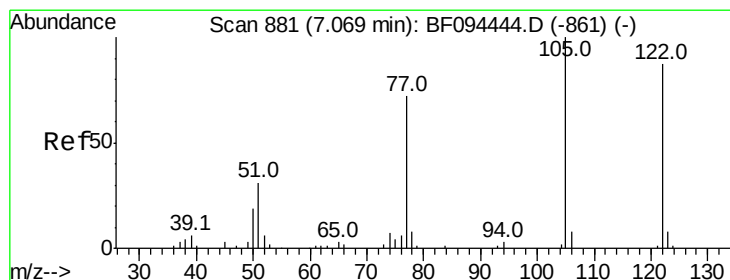
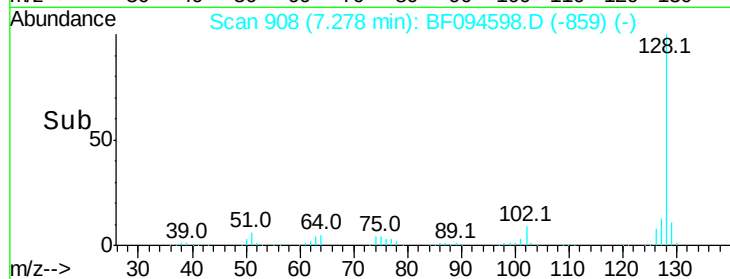
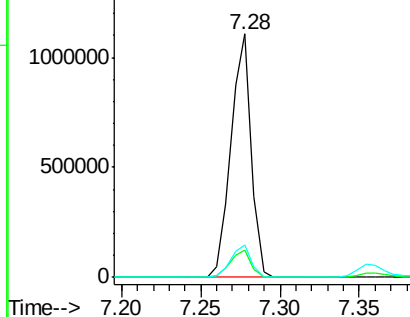
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	9.0	13.6	
127	13.5	10.8	16.2	

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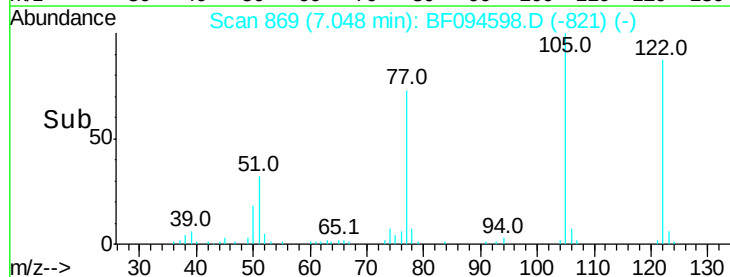
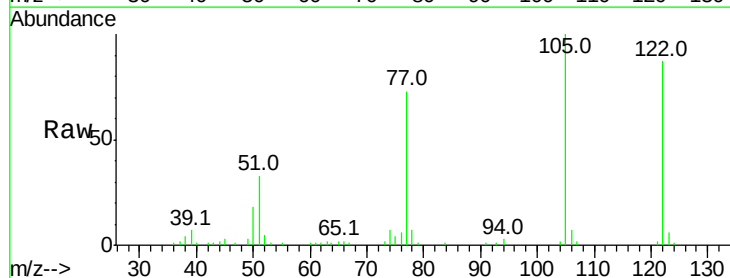
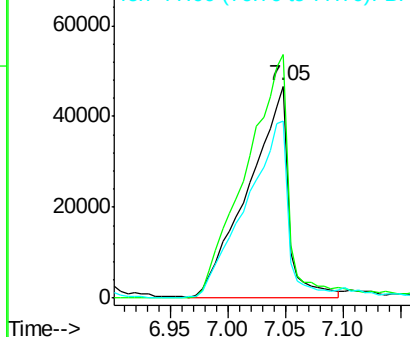
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

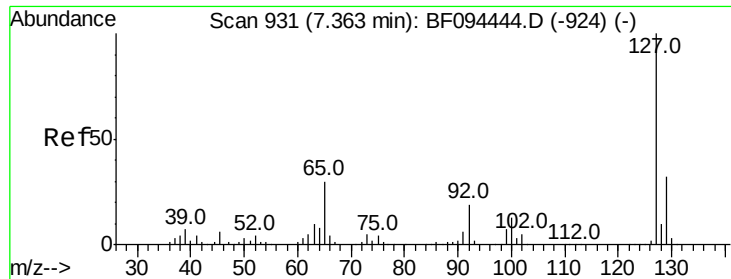


#32
Benzoic acid
Concen: 29.71 ng
RT: 7.05 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	114.8	103.3	143.3	
77	83.7	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





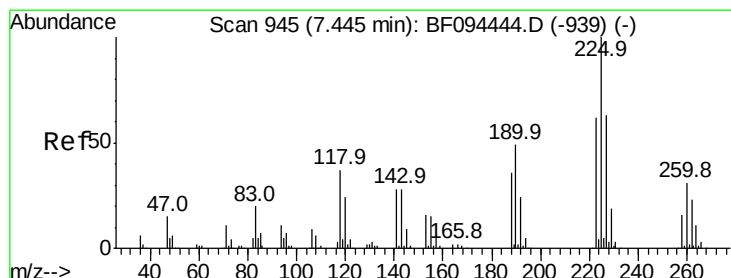
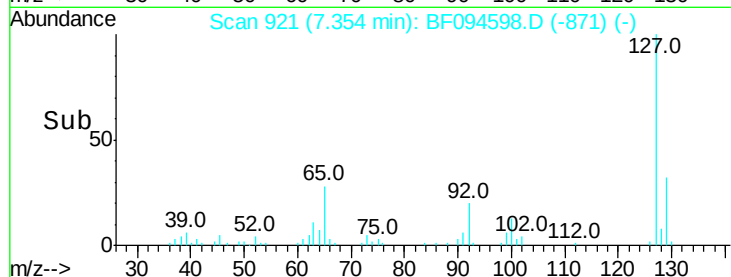
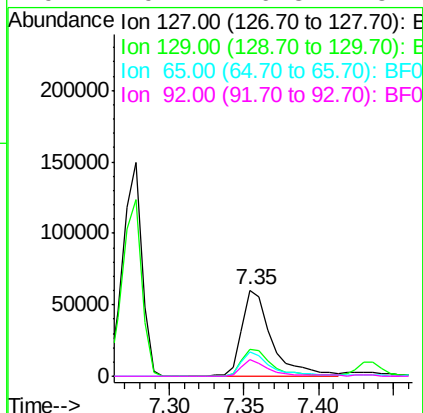
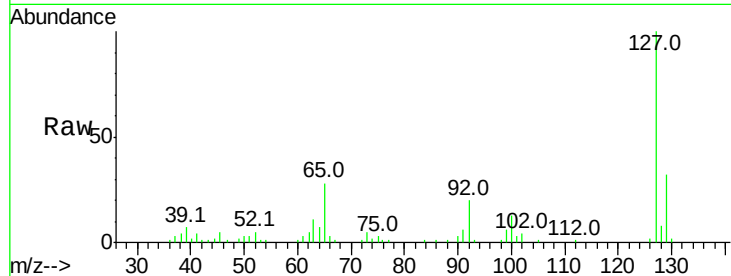
#33
4-Chloroaniline
Concen: 8.56 ng
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampleId :
PB98413BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	26.2	39.2	
65	27.9	27.8	41.8	
92	19.7	16.8	25.2	

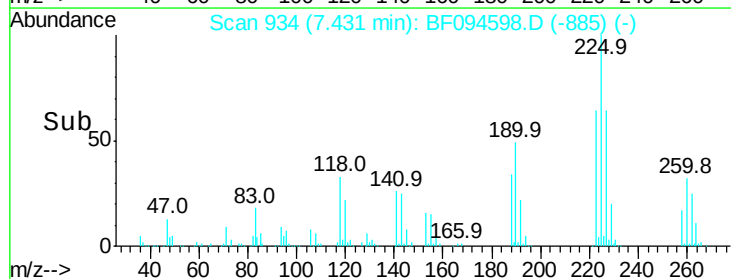
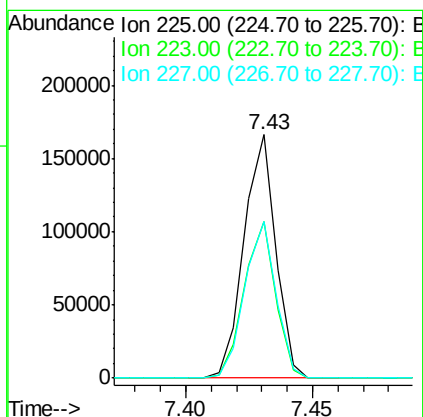
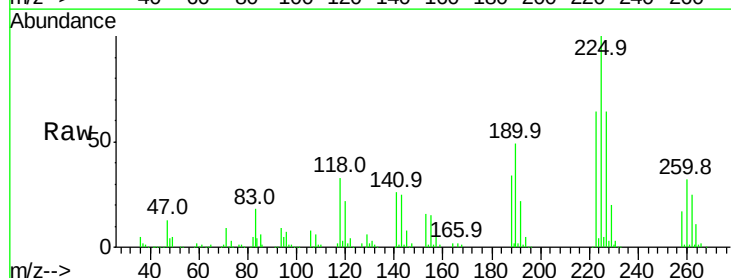
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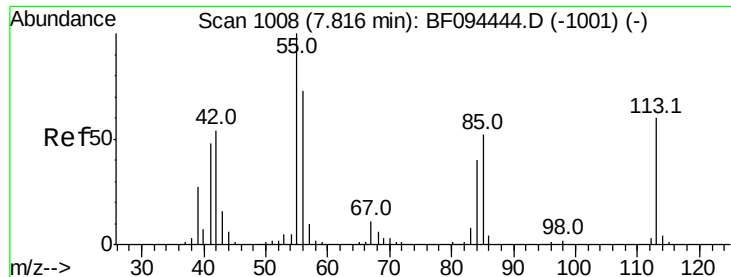
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#34
Hexachlorobutadiene
Concen: 41.45 ng
RT: 7.43 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.5	48.8	73.2	
227	64.4	51.1	76.7	





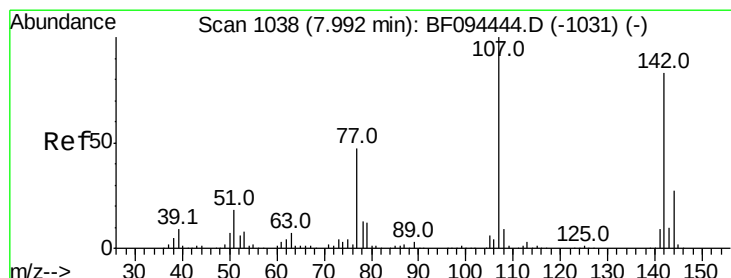
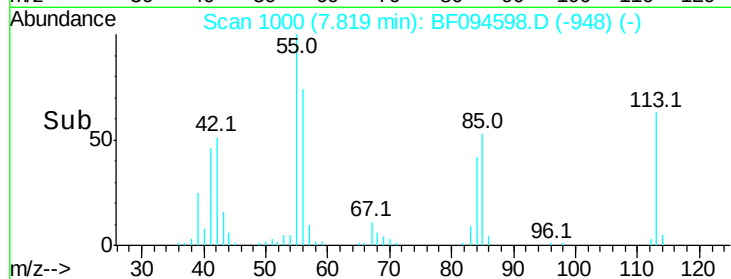
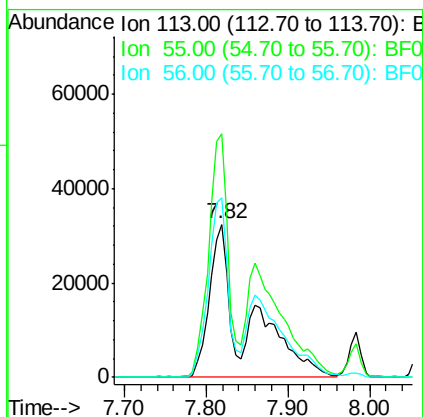
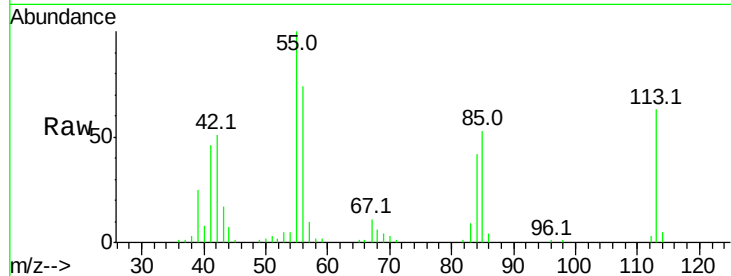
#35
 Caprolactam
 Concen: 46.16 ng/ml
 RT: 7.82 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB98413BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.1	150.2	190.2
56	117.4	107.8	147.8

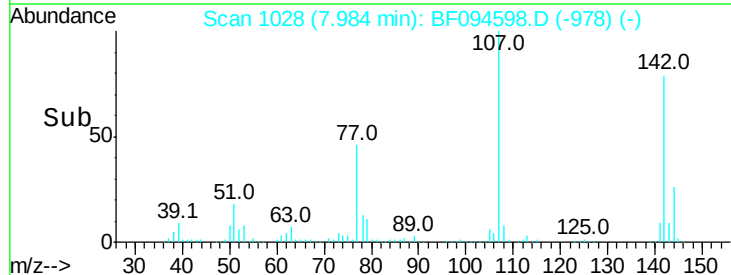
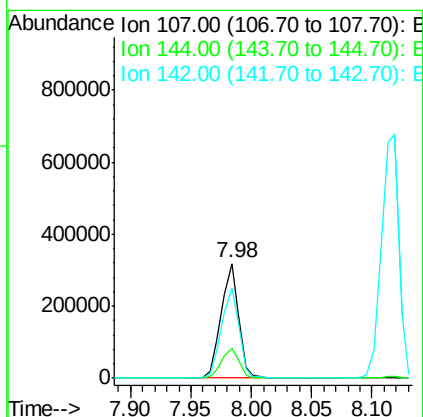
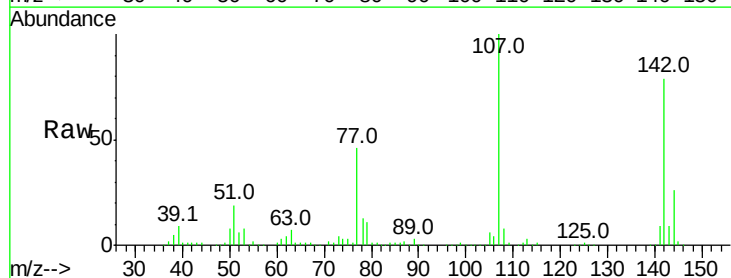
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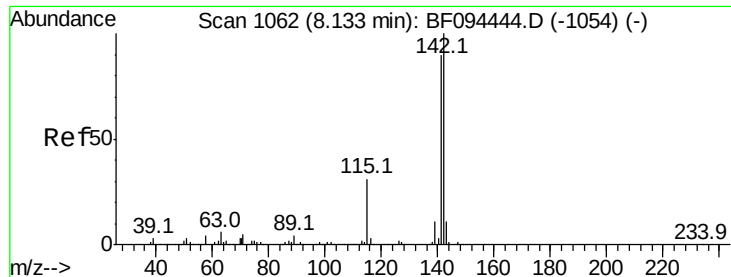
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#36
 4-Chloro-3-methylphenol
 Concen: 44.64 ng/ml
 RT: 7.98 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	24.2	36.4
142	78.8	73.4	110.0





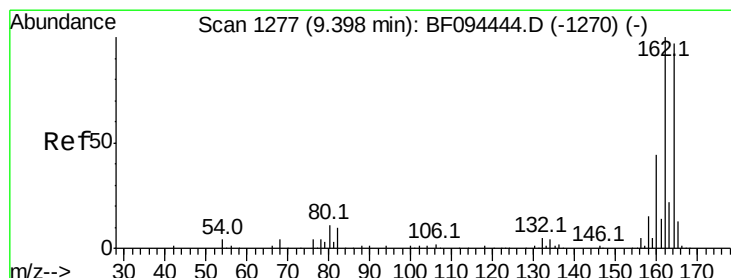
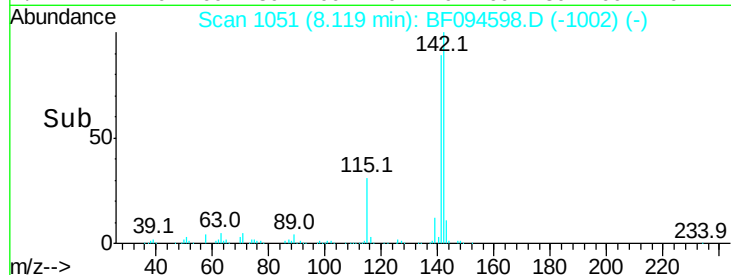
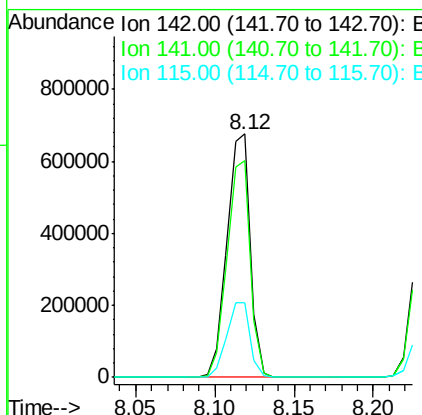
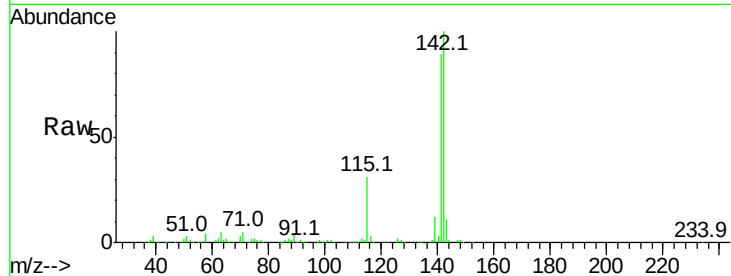
#37
2-Methylnaphthalene
Concen: 42.74 ng
RT: 8.12 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampleId :
PB98413BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	688875		
141	89.2	71.3	106.9	
115	30.6	27.1	40.7	

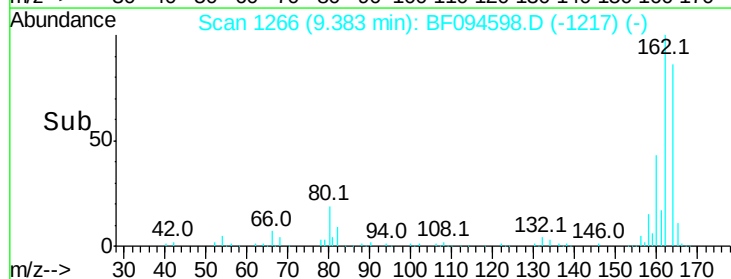
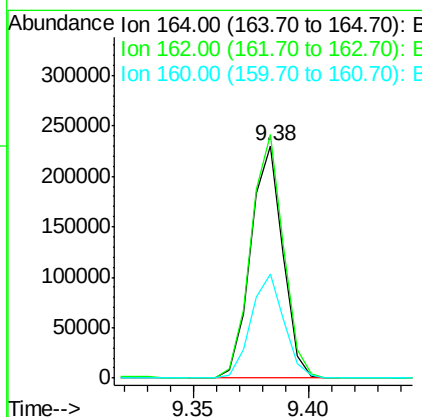
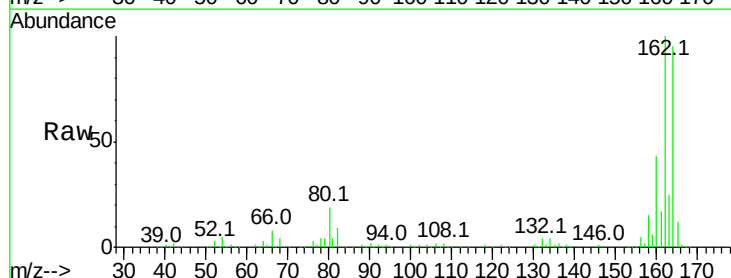
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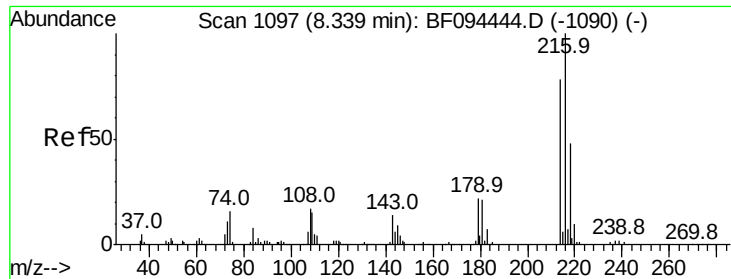
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	223241		
162	104.8	82.6	123.8	
160	44.7	36.2	54.2	





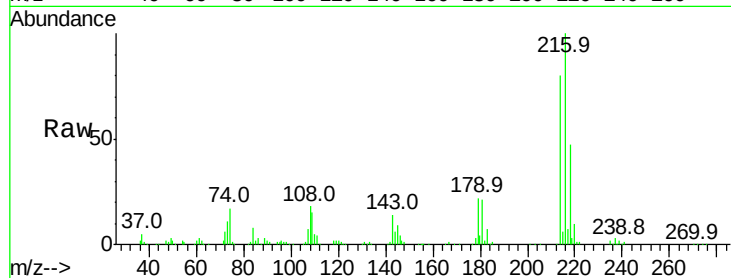
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.52 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampled :
 PB98413BS

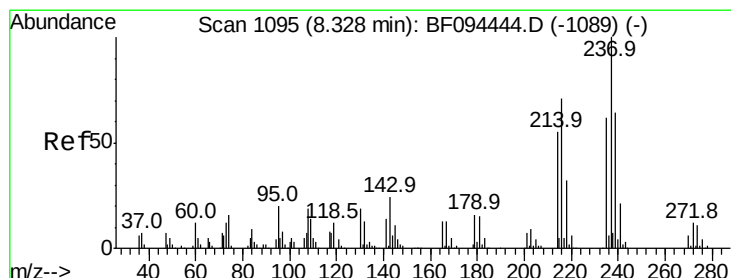
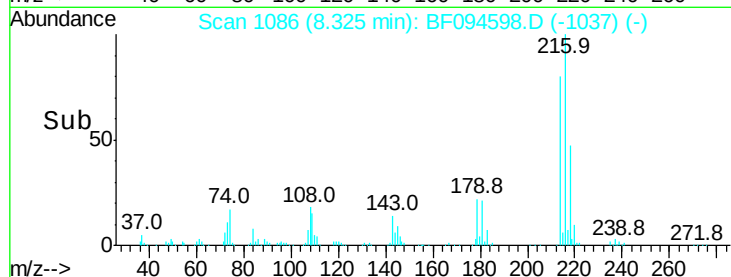
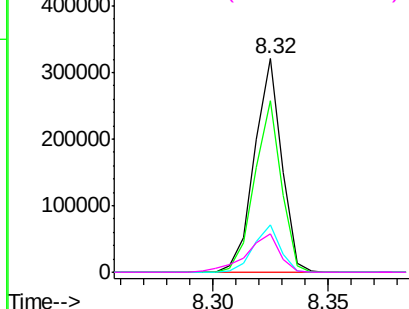
Tot Ion	Ratio	Resp	Lower	Upper
216	100	263921		
214	79.2	63.4	95.2	
179	21.9	17.9	26.9	
108	21.6	16.5	24.7	

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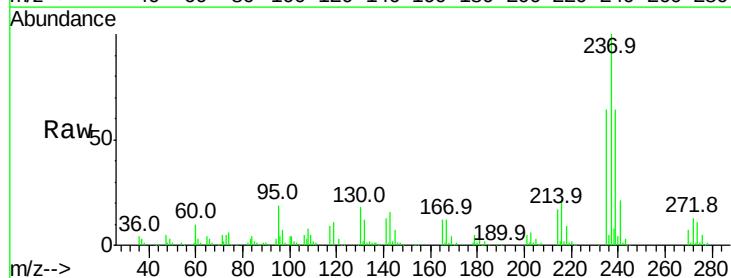


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

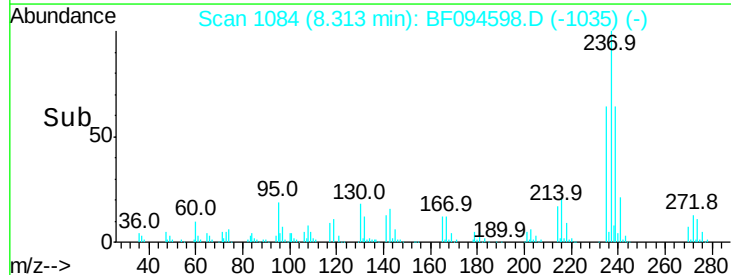
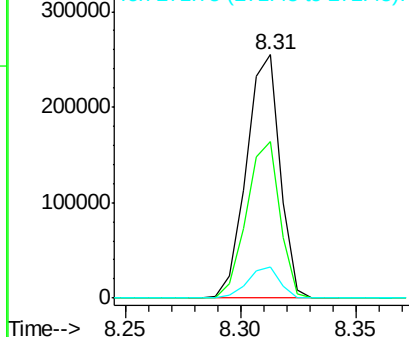


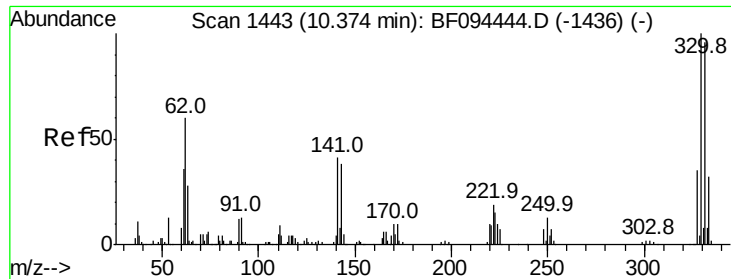
#40
 Hexachlorocyclopentadiene
 Concen: 100.79 ng
 RT: 8.31 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	259192		
235	64.1	42.6	82.6	
272	12.8	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





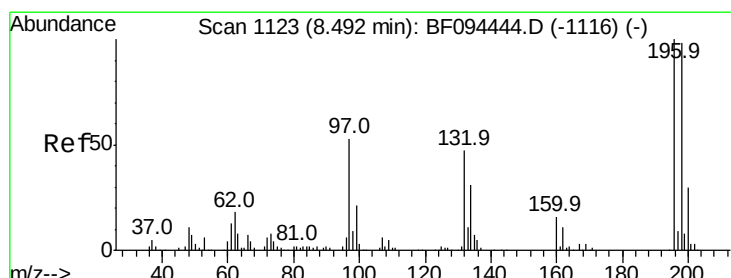
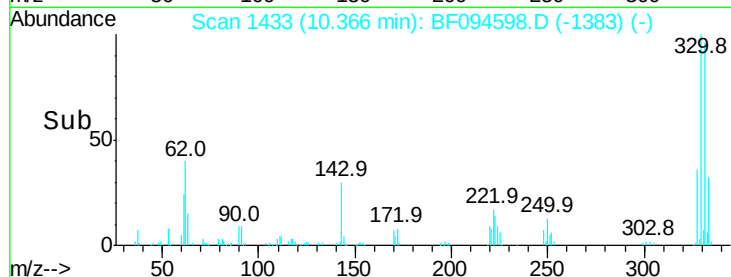
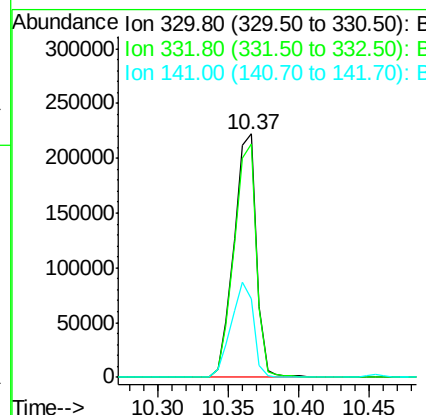
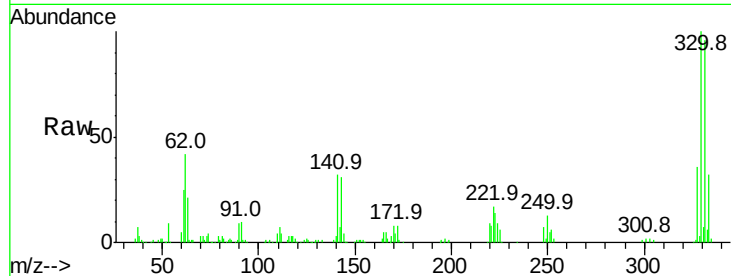
#41
 2,4,6-Tribromophenol
 Concen: 141.54 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB98413BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	247157		
332	95.4	76.6	115.0	
141	39.0	31.4	47.2	

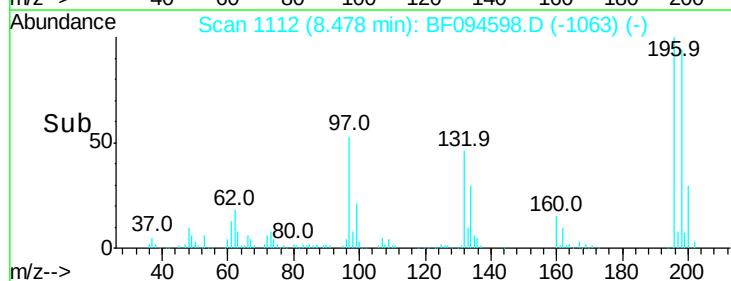
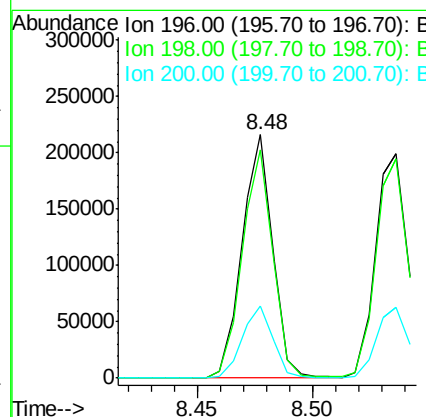
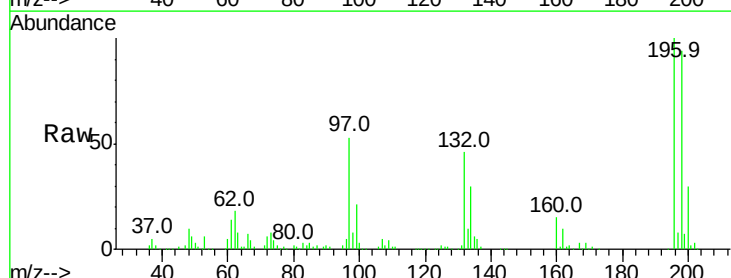
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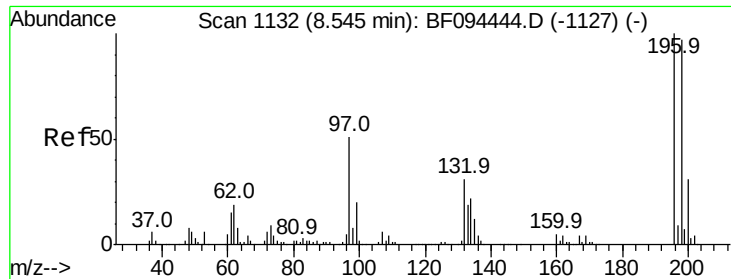
mohammad
 4/26/2017 2:20:37 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.71 ng
 RT: 8.48 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	199580		
198	93.9	74.2	111.4	
200	29.5	24.0	36.0	





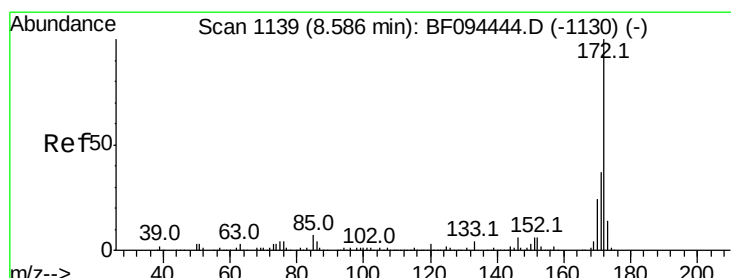
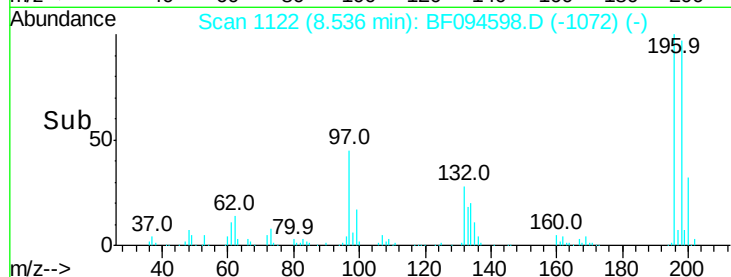
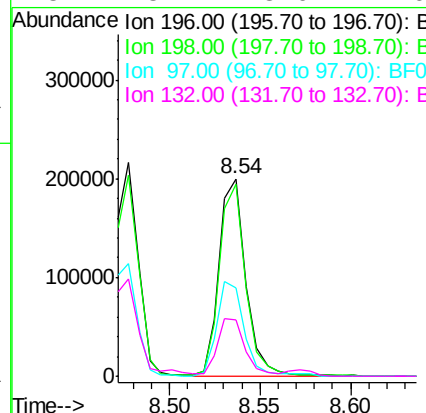
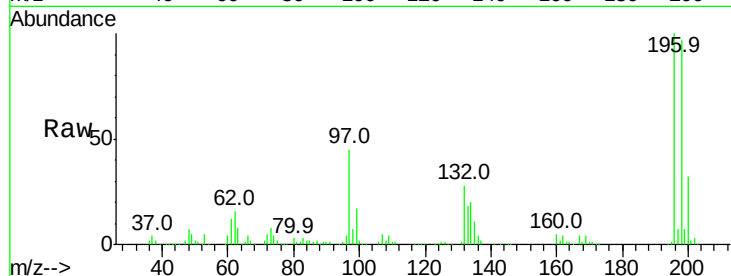
#43
 2,4,5-Trichlorophenol
 Concen: 44.56 ng
 RT: 8.54 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB98413BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	204267		
198	97.3	75.7	113.5	
97	45.1	47.7	71.5#	
132	28.4	28.0	42.0	

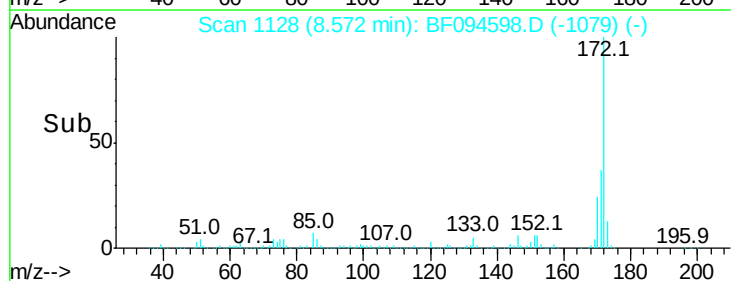
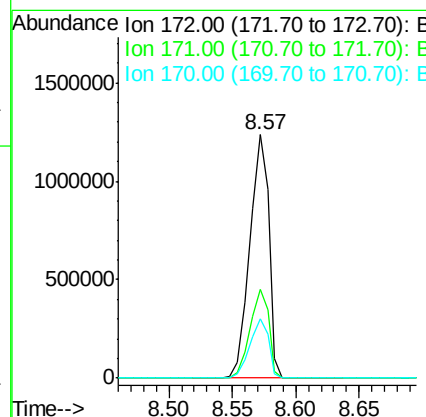
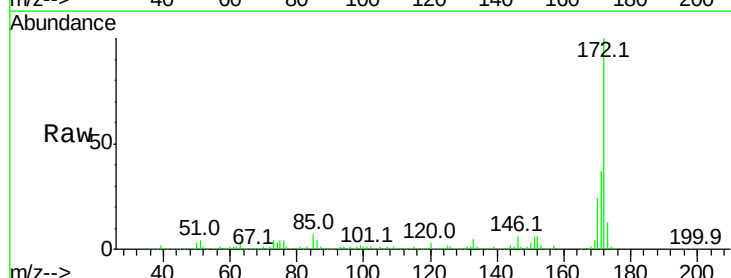
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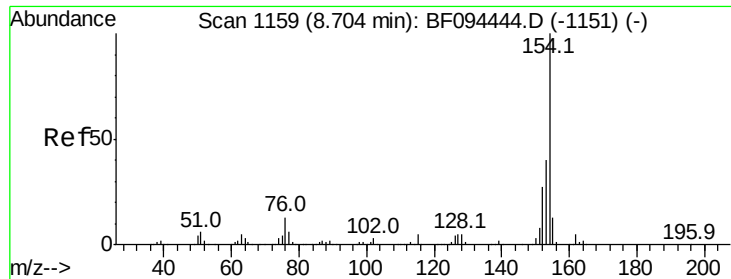
mohammad
 4/26/2017 2:20:37 PM



#44
 2-Fluorobiphenyl
 Concen: 84.58 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1283277		
171	36.5	29.6	44.4	
170	24.1	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 42.18 ng

RT: 8.69 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

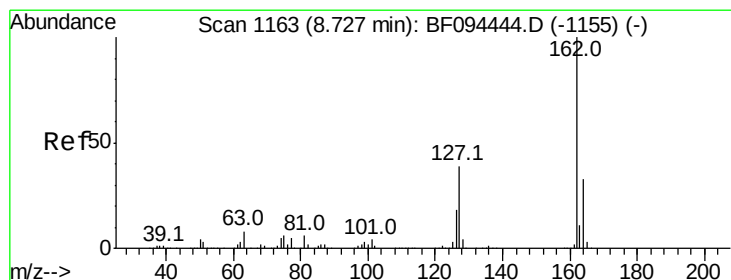
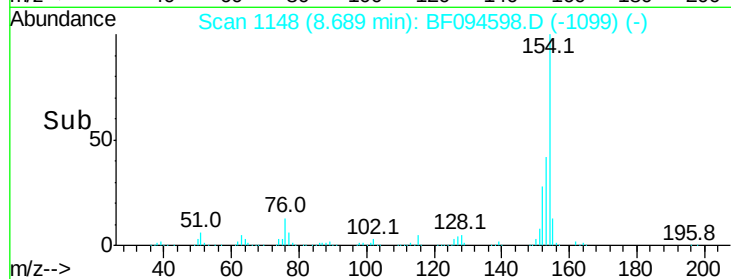
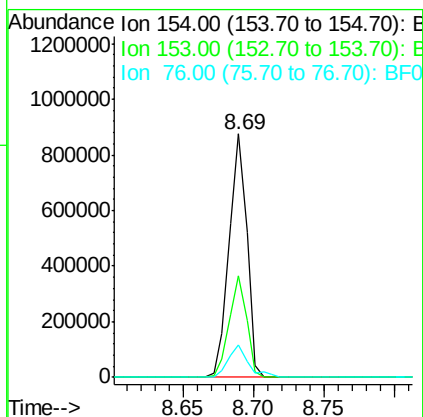
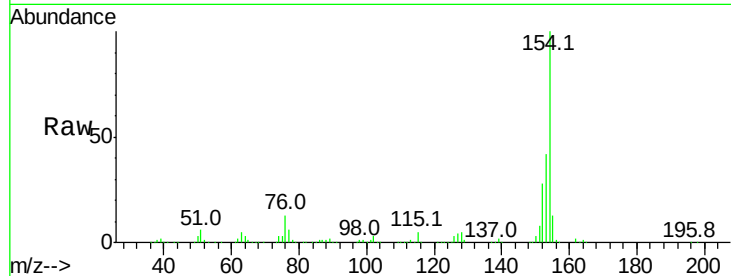
ClientSampleId :

PB98413BS

Tot Ion:	154	Resp:	769313
Ion Ratio	Lower	Upper	
154	100		
153	41.5	21.2	61.2
76	13.4	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 42.90 ng

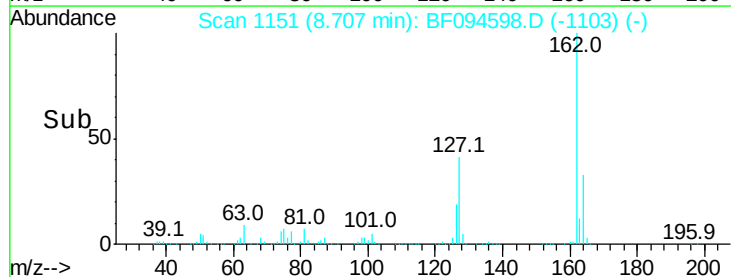
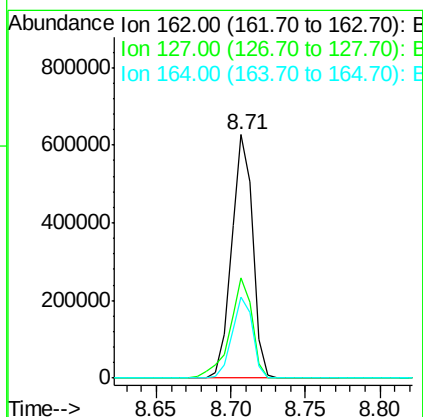
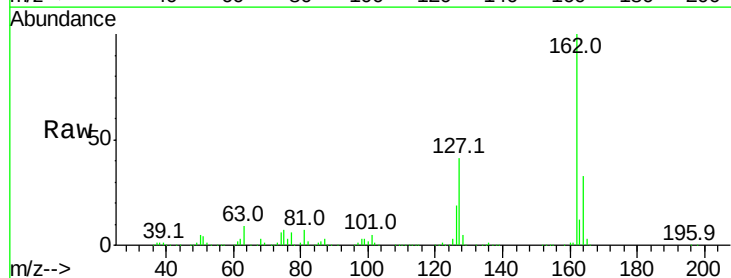
RT: 8.71 min Scan# 1151

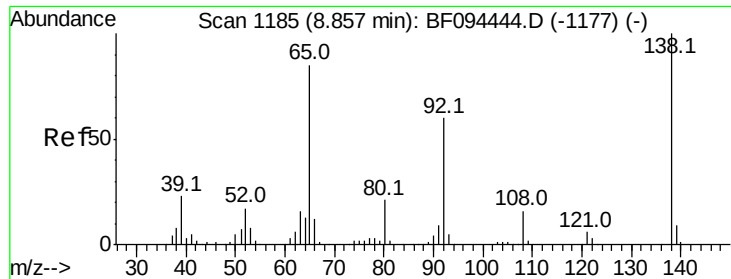
Delta R.T. -0.02 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Tgt Ion:	162	Resp:	622185
Ion Ratio	Lower	Upper	
162	100		
127	41.1	28.3	42.5
164	33.2	27.0	40.4





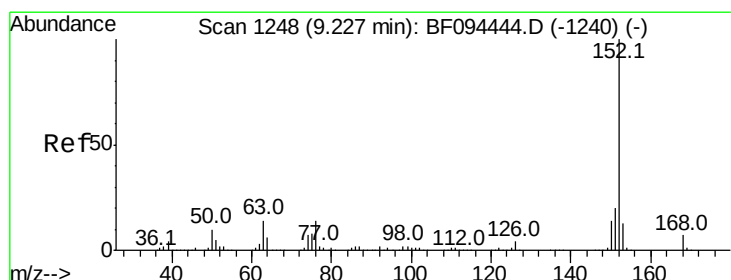
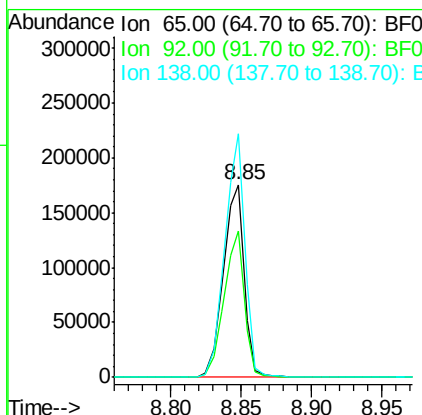
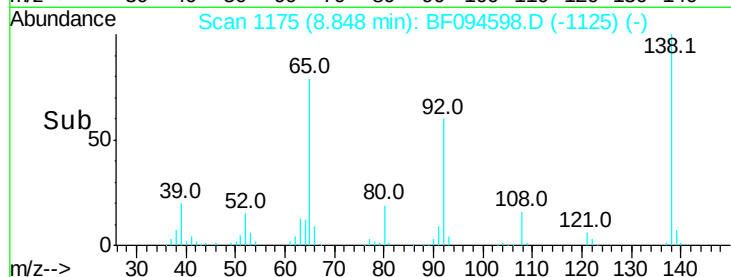
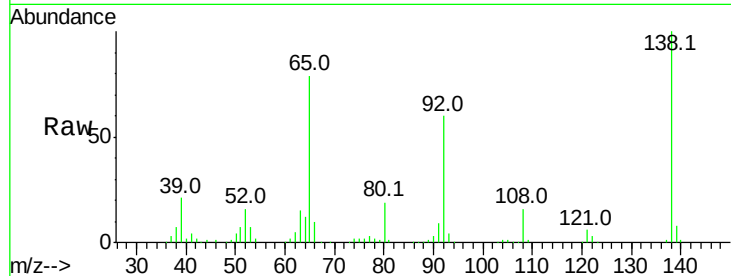
#47
 2-Nitroaniline
 Concen: 43.24 ng
 RT: 8.85 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB98413BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.2	53.9	80.9
138	126.2	78.8	118.2

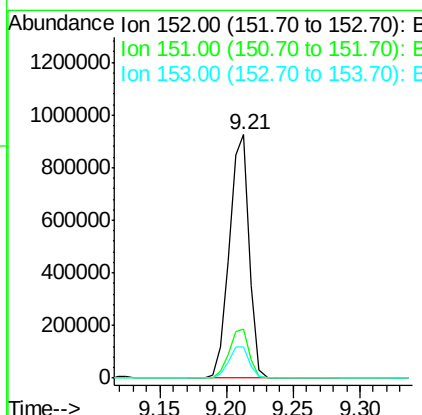
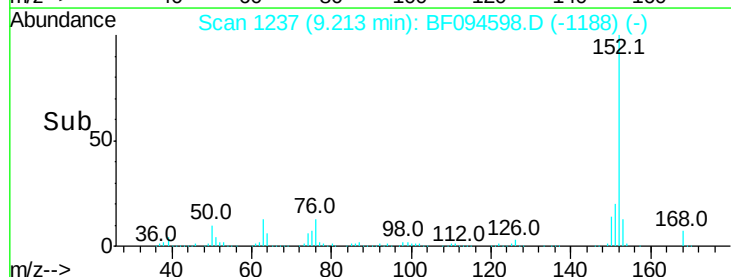
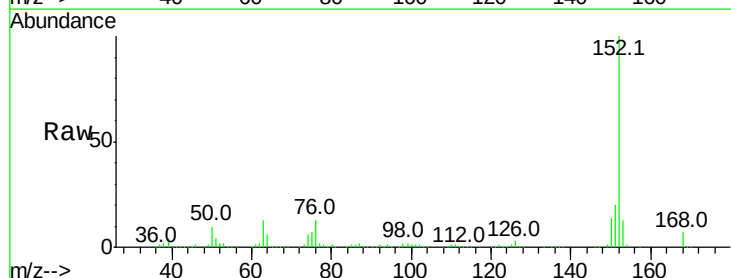
Manual Integrations
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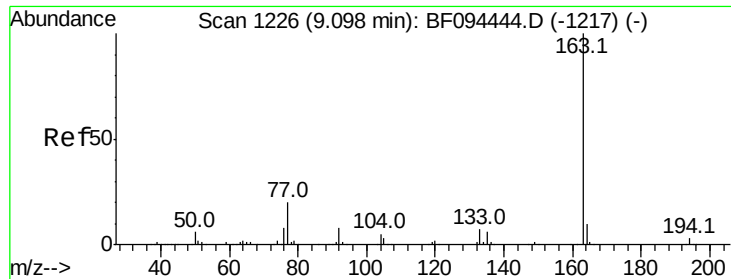
mohammad
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#48
 Acenaphthylene
 Concen: 42.77 ng
 RT: 9.21 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	12.9	10.8	16.2





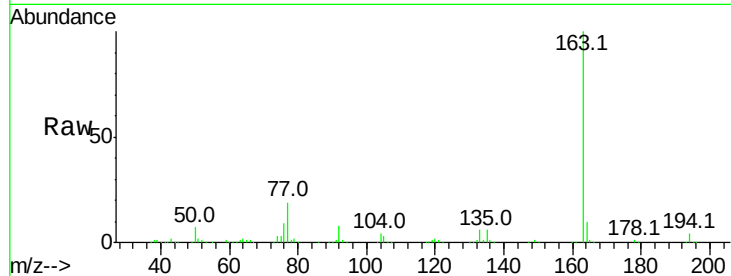
#49
Dimethylphthalate
Concen: 45.22 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampleId :
PB98413BS

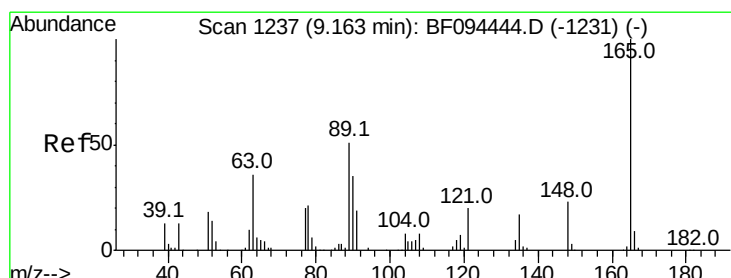
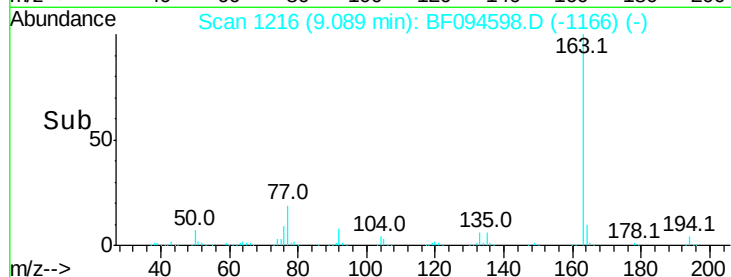
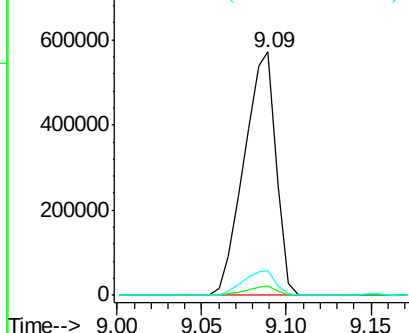
Tot Ion	Ratio	Resp	Lower	Upper
163	100	752246		
194	3.7		2.6	4.0
164	10.1		8.4	12.6

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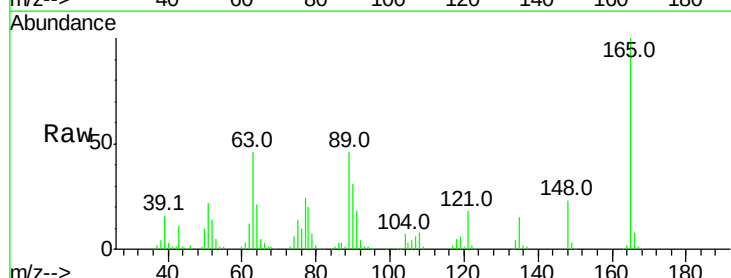


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

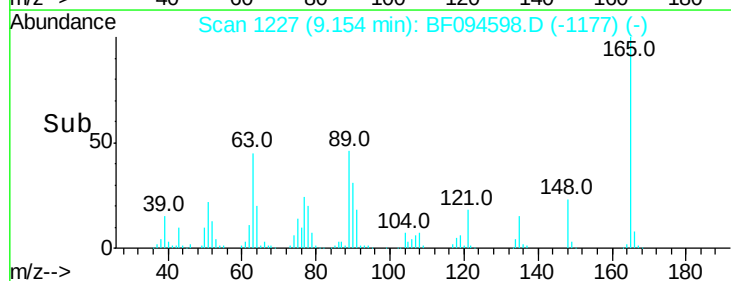
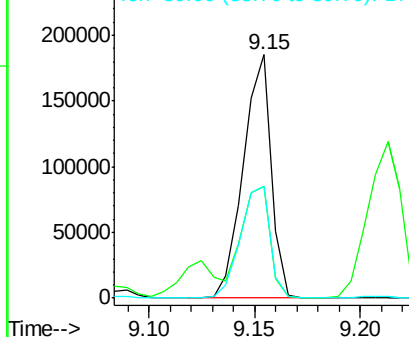


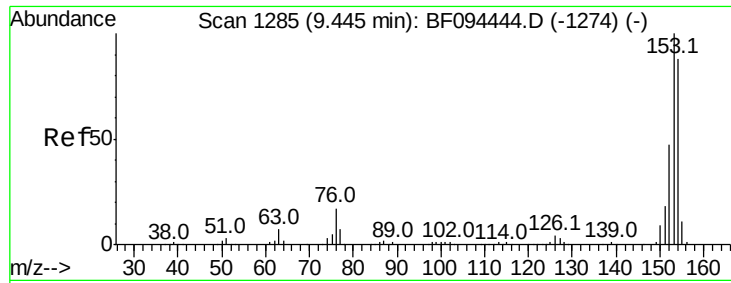
#50
2,6-Dinitrotoluene
Concen: 45.35 ng
RT: 9.15 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	169343		
63	45.8		34.3	51.5
89	46.0		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





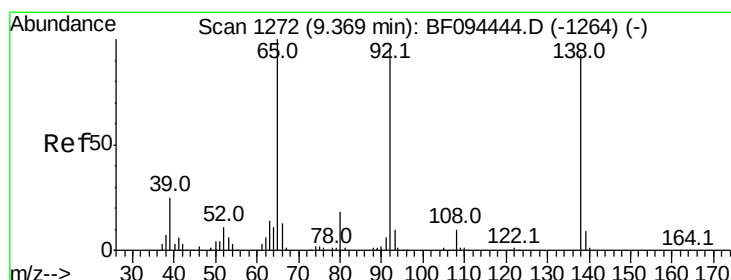
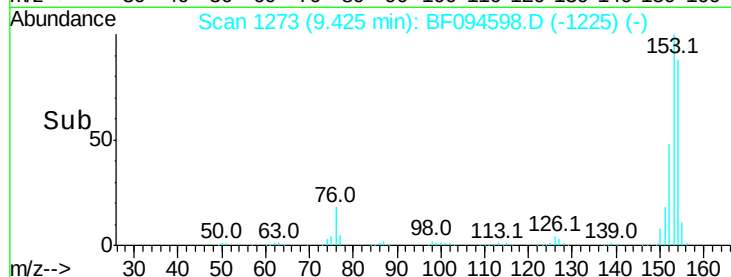
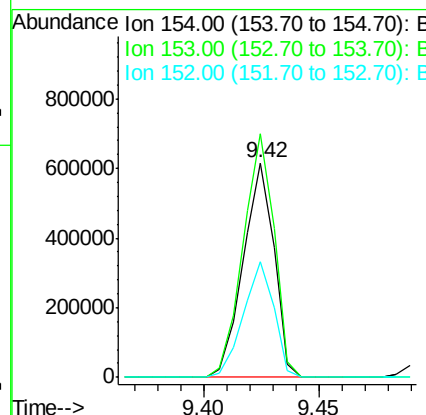
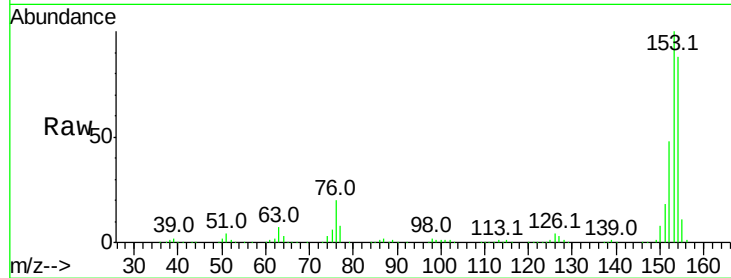
#51
Acenaphthene
Concen: 42.49 ng
RT: 9.42 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampleId :
PB98413BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.5	135.7
152	54.0	43.6	65.4

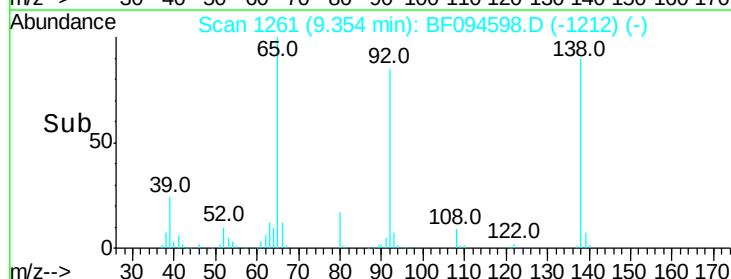
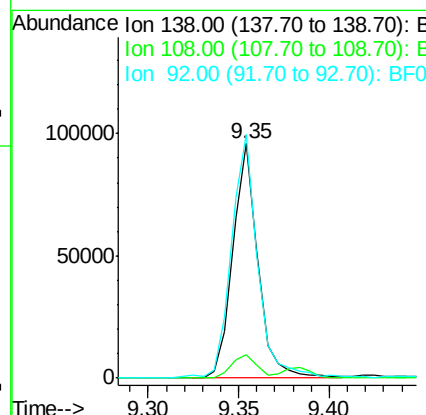
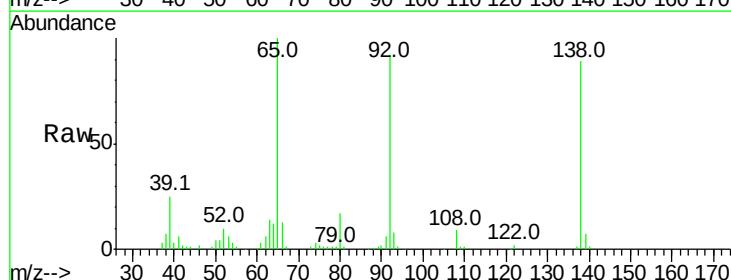
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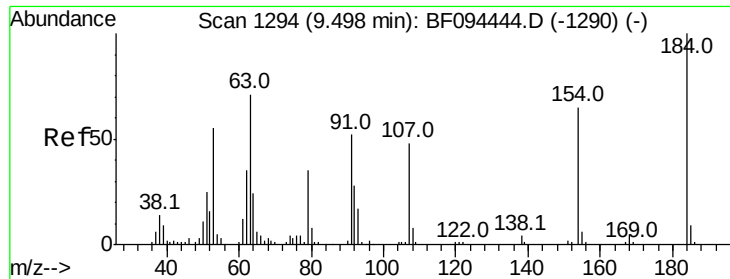
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#52
3-Nitroaniline
Concen: 21.52 ng
RT: 9.35 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.1	13.7
92	104.0	93.8	140.6





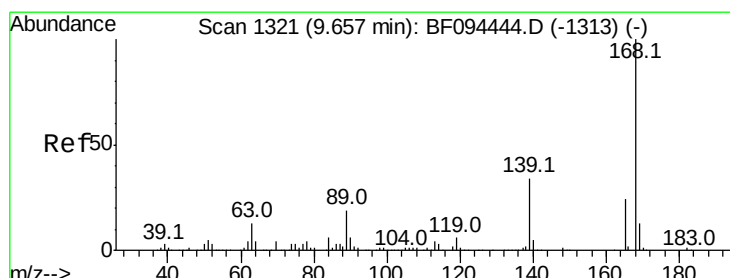
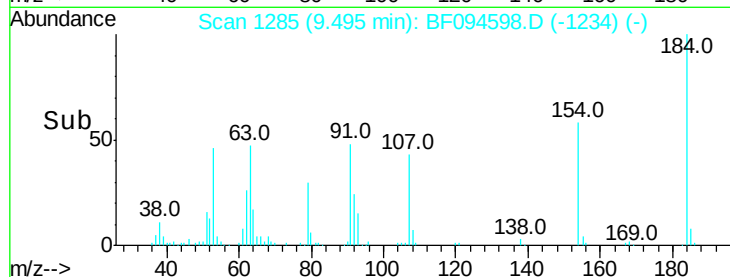
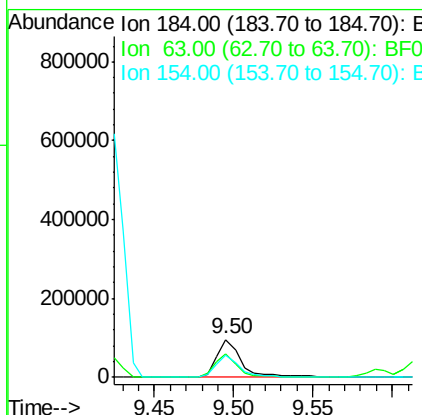
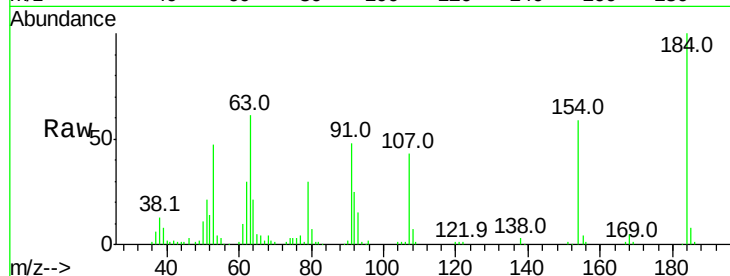
#53
 2,4-Dinitrophenol
 Concen: 53.63 ng
 RT: 9.50 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB98413BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	60.8	62.7	94.1#	
154	59.4	81.1	121.7#	

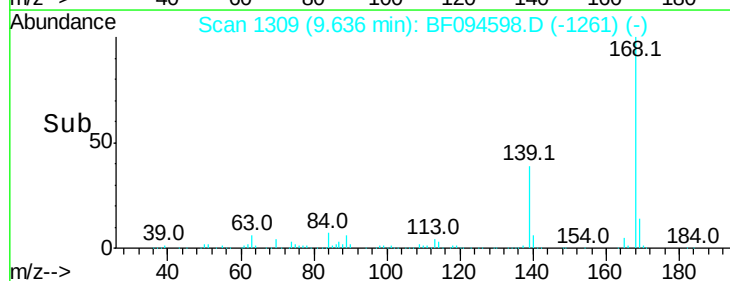
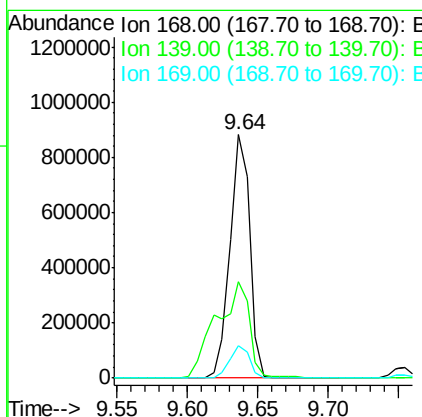
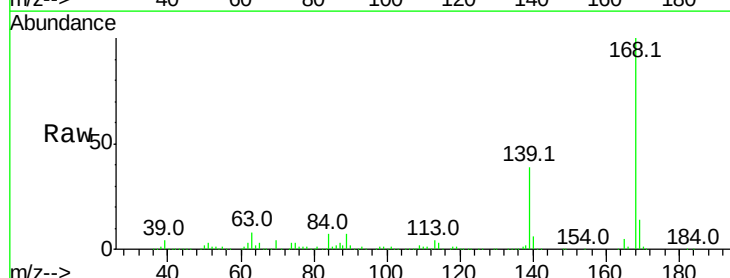
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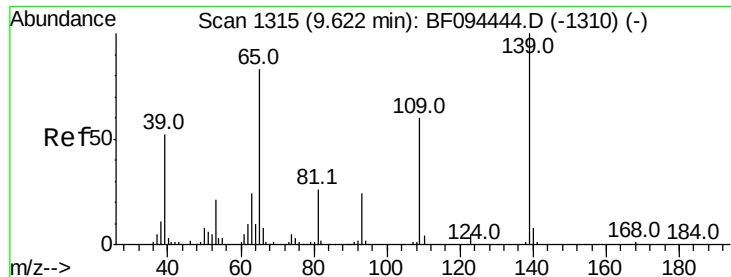
mohammad
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#54
 Dibenzofuran
 Concen: 43.61 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.02 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.5	30.6	45.8	
169	13.5	10.8	16.2	





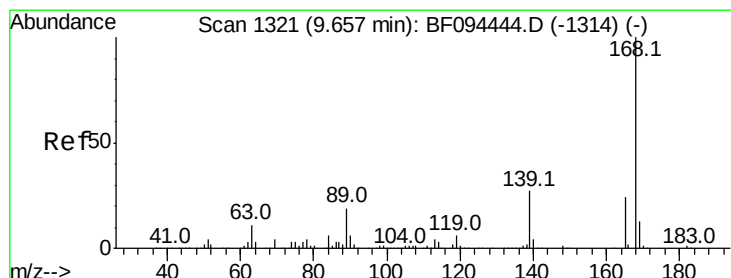
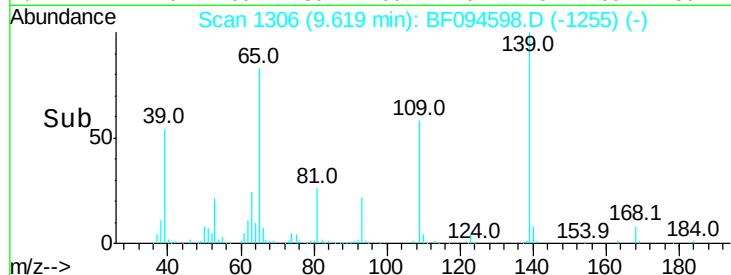
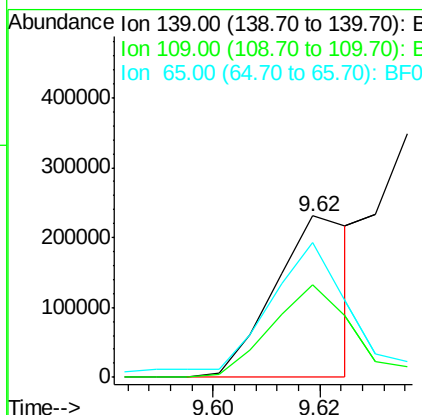
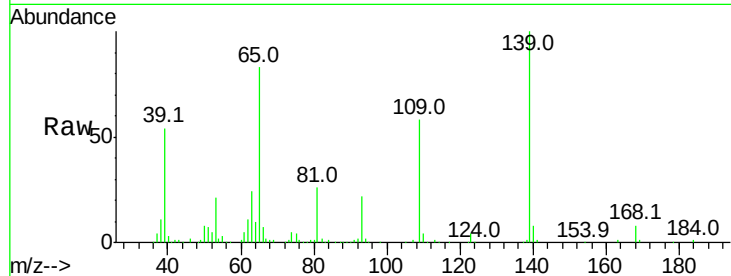
#55
4-Nitrophenol
Concen: 76.56 ng/ml
RT: 9.62 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampleId :
PB98413BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	57.6	34.1	74.1
65	83.4	31.4	71.4

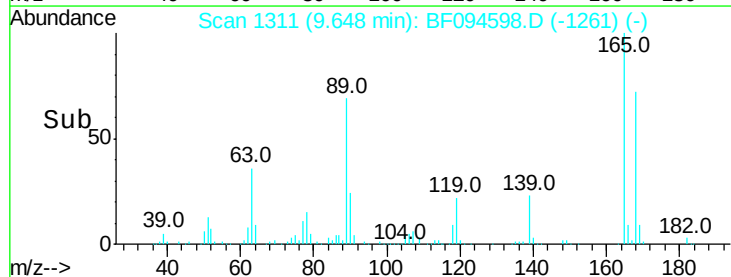
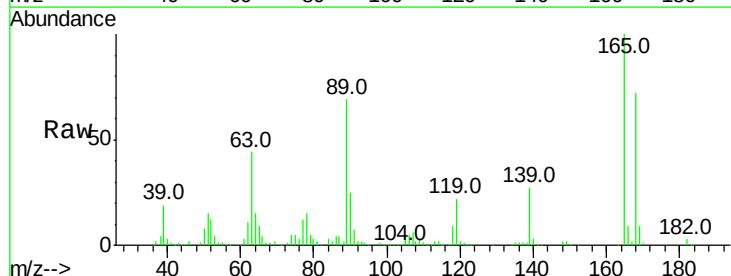
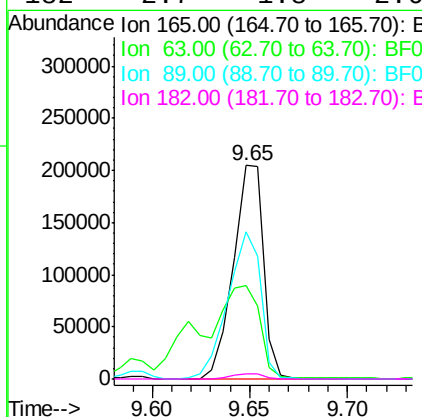
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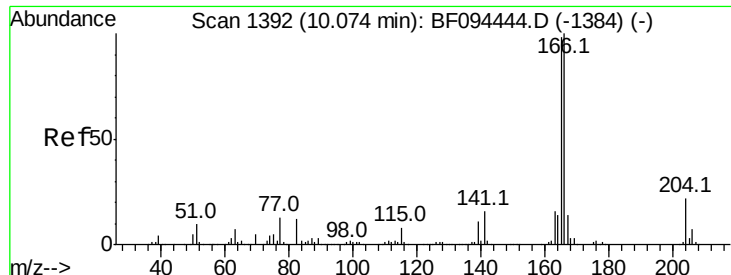
mohammad
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#56
2,4-Dinitrotoluene
Concen: 48.09 ng/ml
RT: 9.65 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.5	25.4	38.0
89	69.0	46.4	69.6
182	2.7	1.8	2.6





#57

Fluorene

Concen: 43.15 ng

RT: 10.06 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

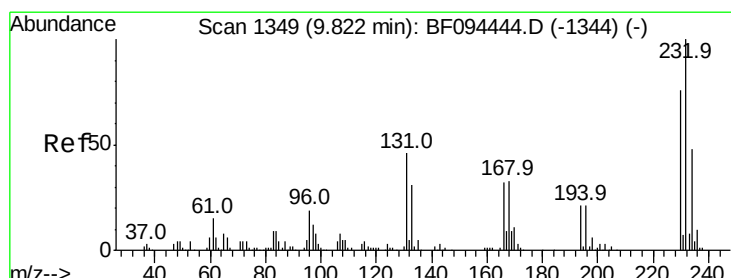
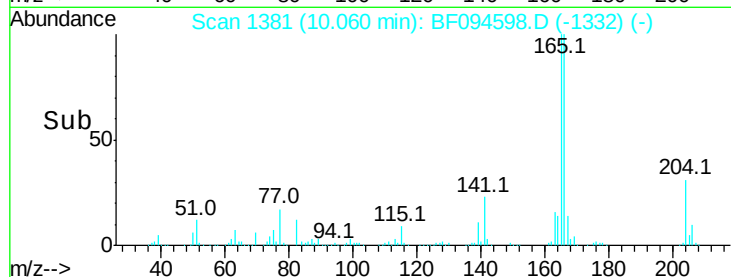
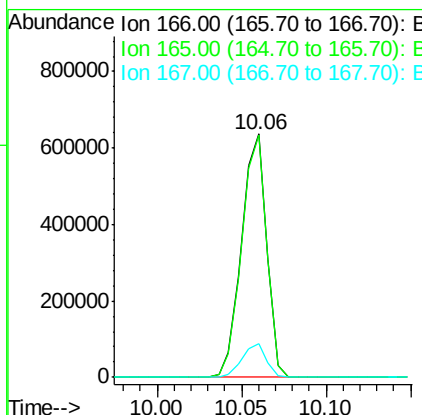
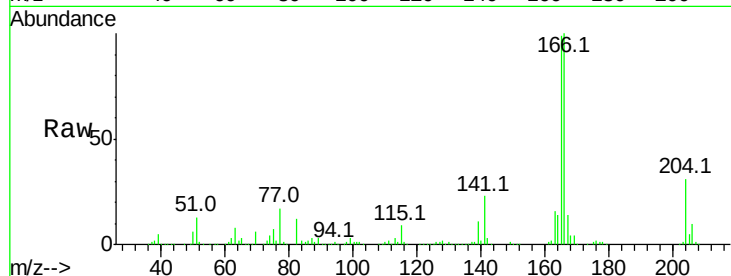
ClientSampleId :

PB98413BS

Tot Ion:	166	Resp:	661300
Ion Ratio	Lower	Upper	
166	100		
165	99.5	78.8	118.2
167	13.6	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.79 ng

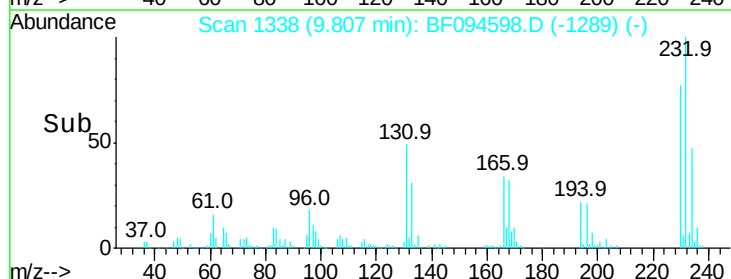
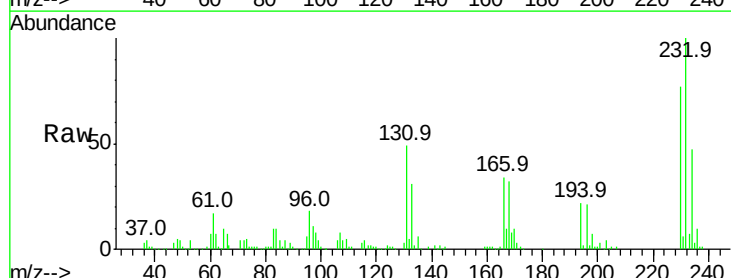
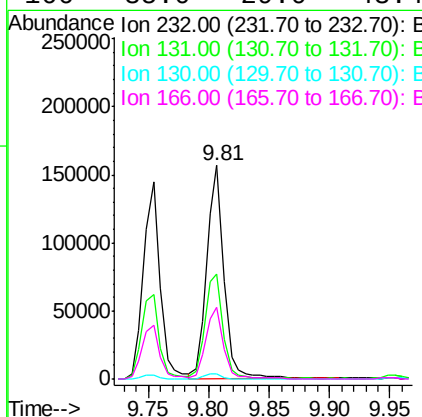
RT: 9.81 min Scan# 1338

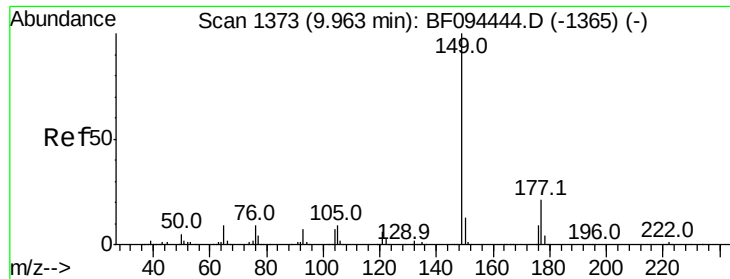
Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Tgt Ion:	232	Resp:	153752
Ion Ratio	Lower	Upper	
232	100		
131	51.7	44.8	67.2
130	2.5	2.3	3.5
166	35.0	29.0	43.4





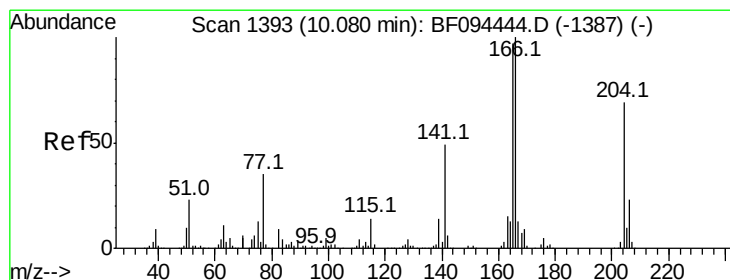
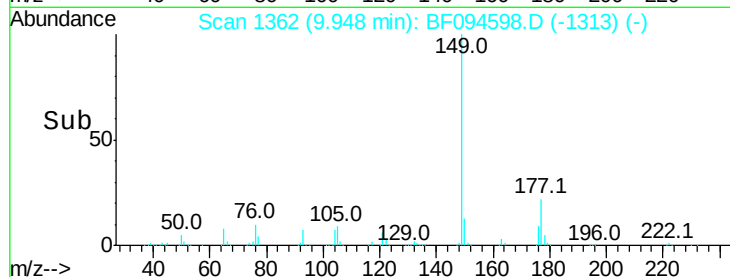
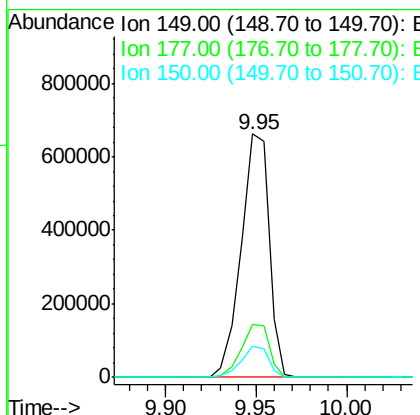
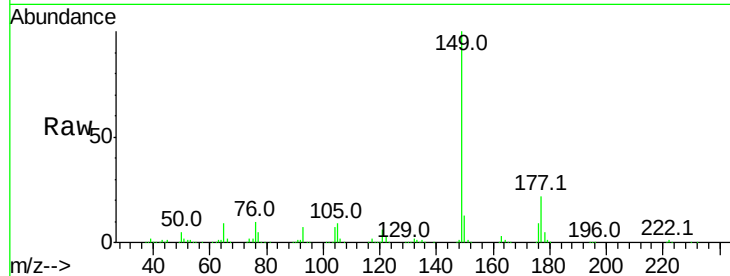
#59
Diethylphthalate
Concen: 45.46 ng
RT: 9.95 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampleId :
PB98413BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.7	25.1
150	12.7	10.2	15.2

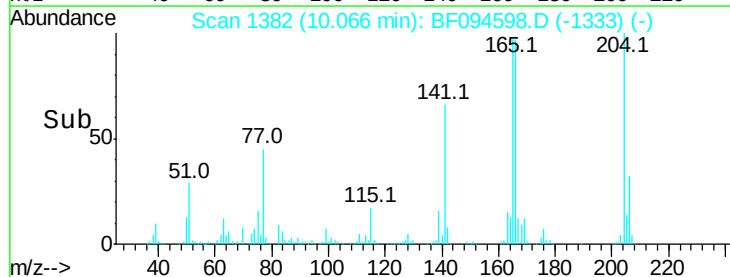
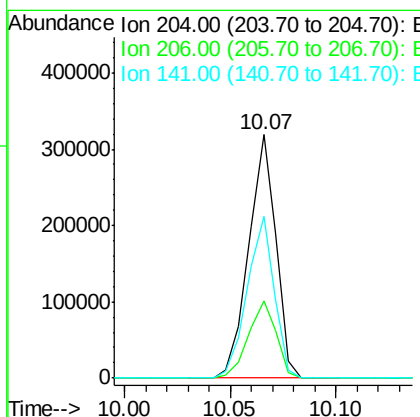
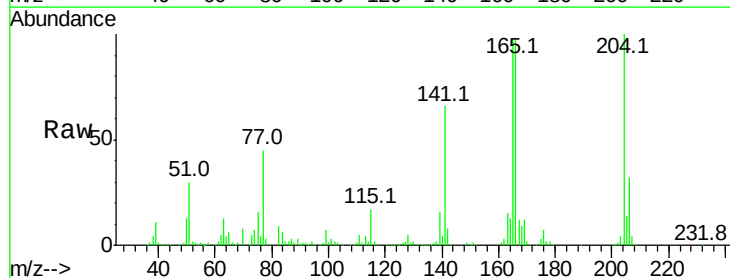
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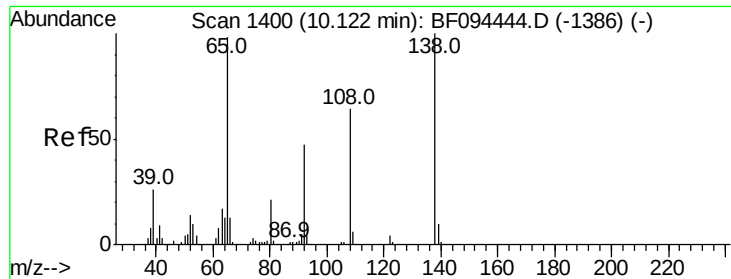
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 44.78 ng
RT: 10.07 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.2	39.2
141	66.4	60.8	91.2





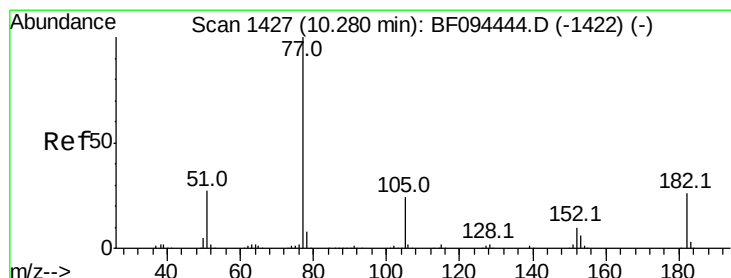
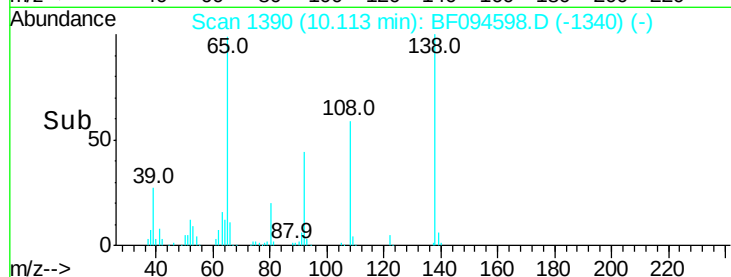
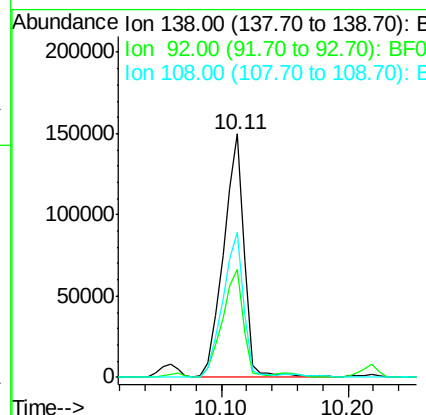
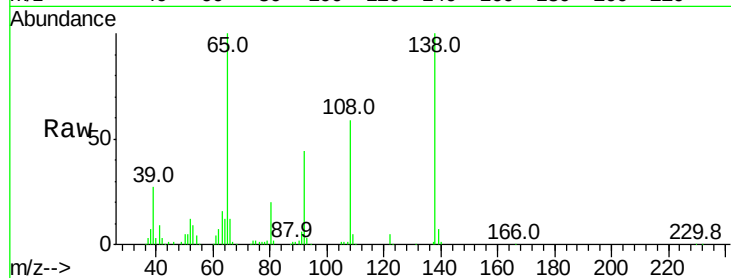
#61
4-Nitroaniline
Concen: 38.87 ng
RT: 10.11 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampleId :
PB98413BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	44.4	21.8	61.8	
108	59.7	42.3	82.3	

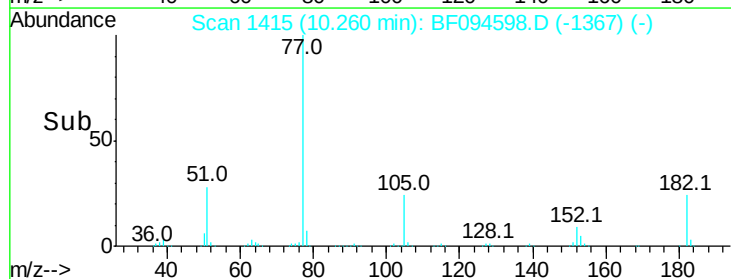
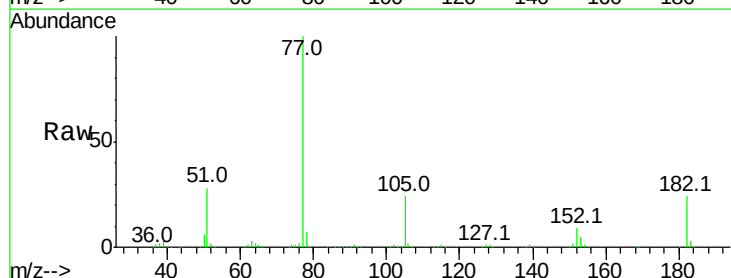
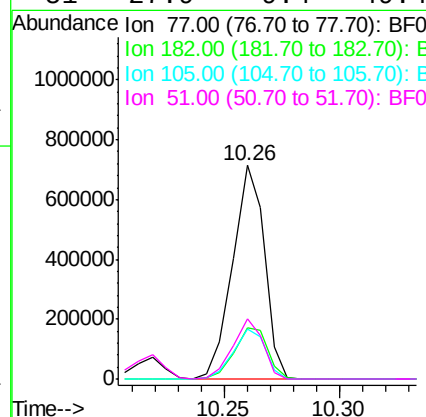
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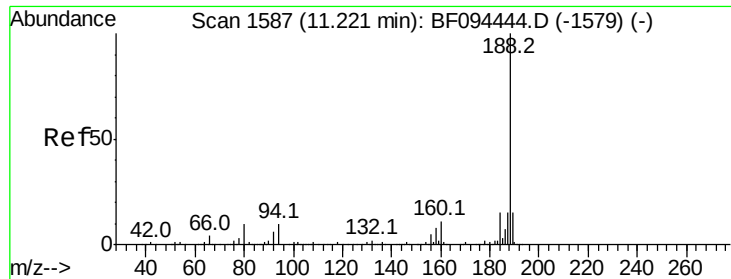
mohammad
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#62
Azobenzene
Concen: 45.03 ng
RT: 10.26 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	23.8	0.1	40.1	
105	23.6	3.6	43.6	
51	27.9	9.4	49.4	





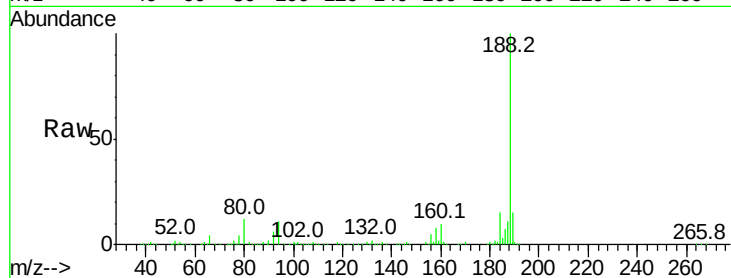
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampled :
PB98413BS

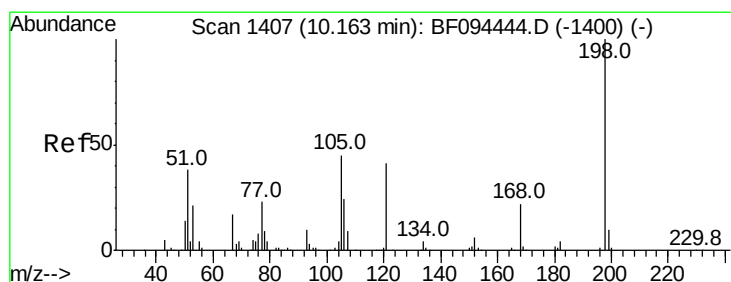
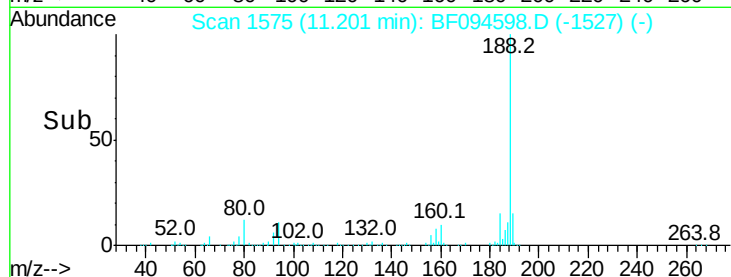
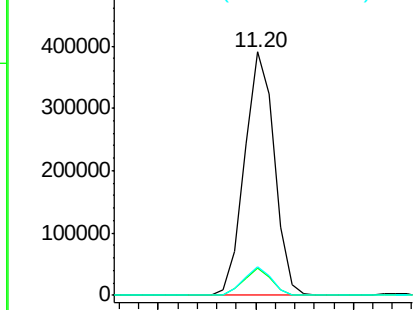
Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.1	9.4	14.2	
80	11.8	10.2	15.2	

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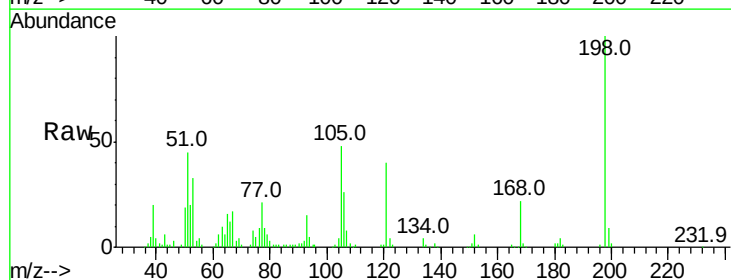


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

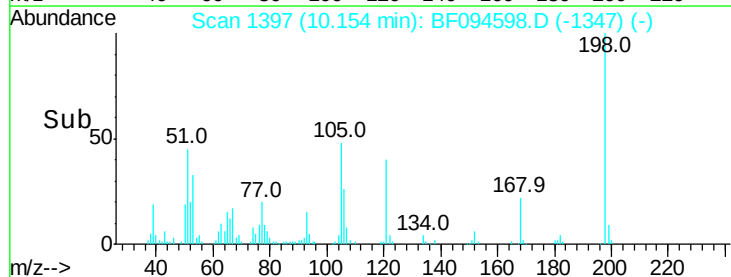
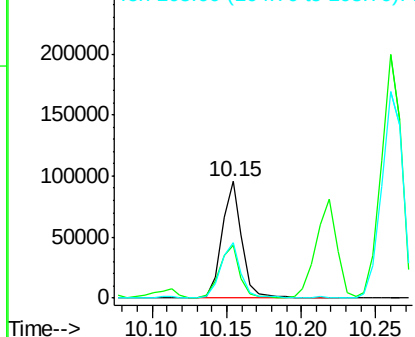


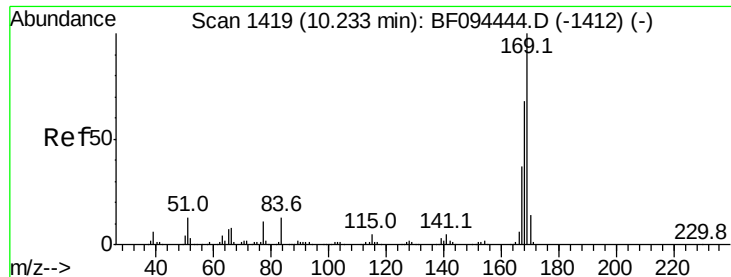
#64
4,6-Dinitro-2-methylphenol
Concen: 33.08 ng
RT: 10.15 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	45.3	53.2	93.2#	
105	48.1	45.8	85.8	



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





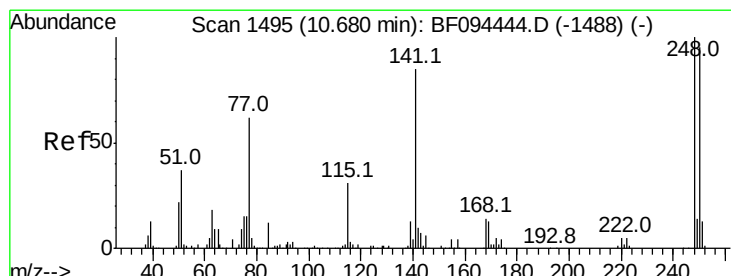
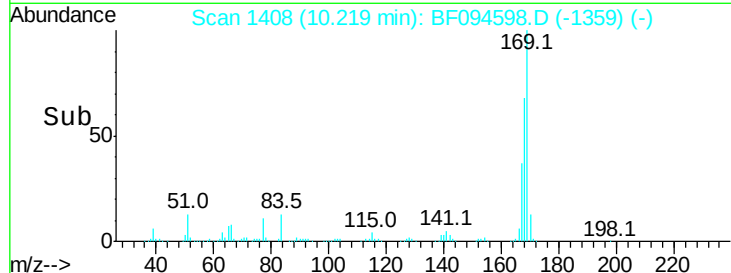
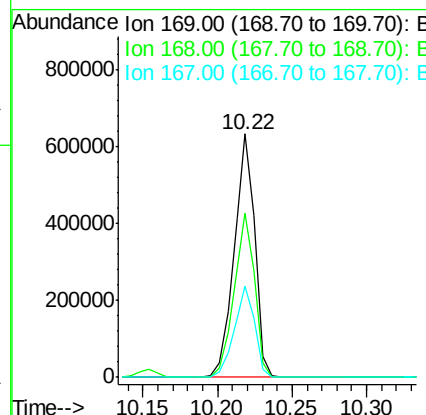
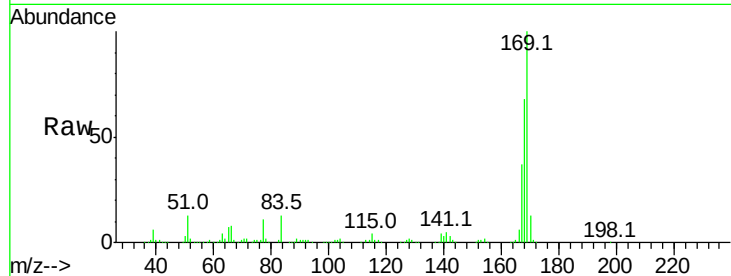
#65
 n-Nitrosodiphenylamine
 Concen: 42.71 ng
 RT: 10.22 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB98413BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	613260		
168	67.7	53.2	79.8	
167	37.3	29.5	44.3	

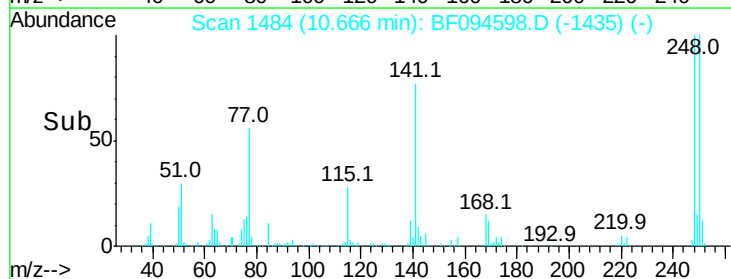
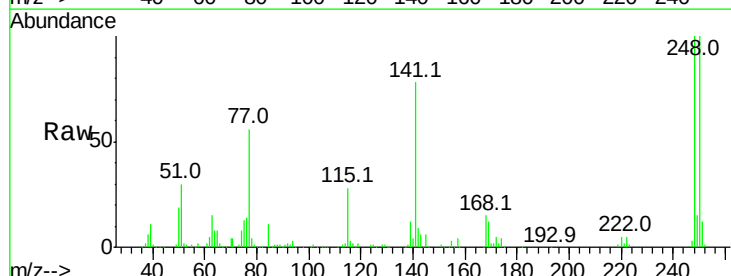
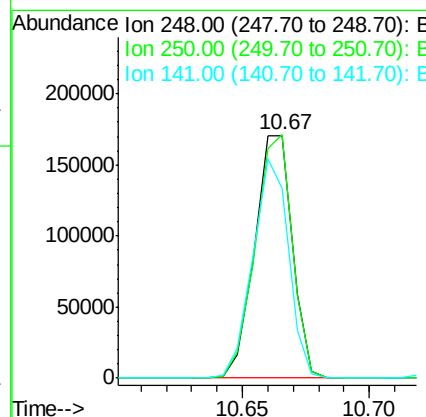
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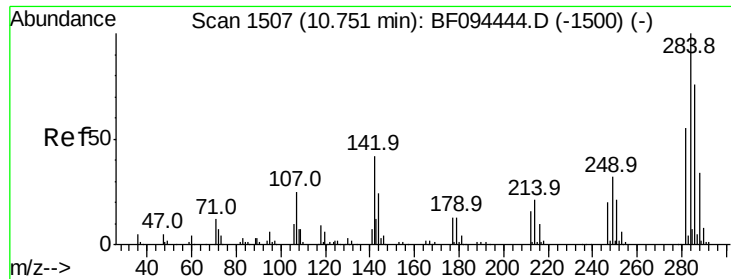
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#66
 4-Bromophenyl-phenylether
 Concen: 43.30 ng
 RT: 10.67 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	177538		
250	100.2	76.8	115.2	
141	78.3	68.6	103.0	





#67

Hexachlorobenzene

Concen: 43.63 ng

RT: 10.74 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

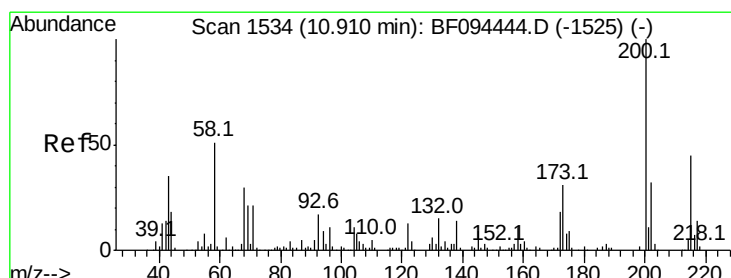
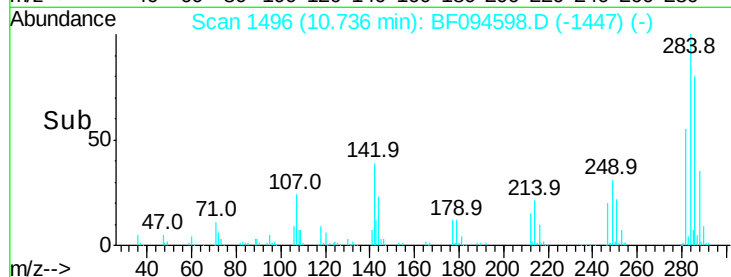
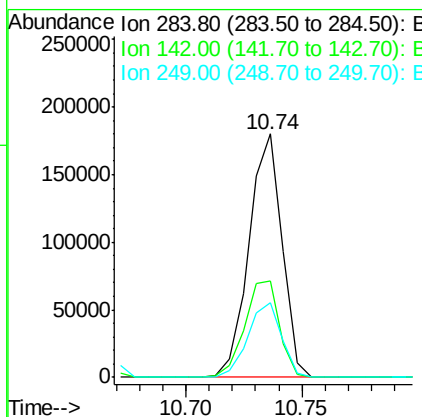
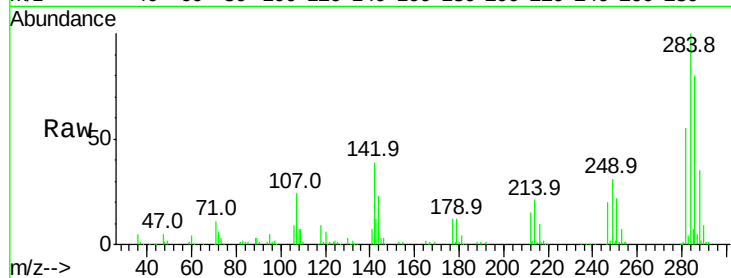
ClientSampleId :

PB98413BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	39.4	22.8	34.2#	
249	30.8	24.0	36.0	

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#68

Atrazine

Concen: 44.91 ng

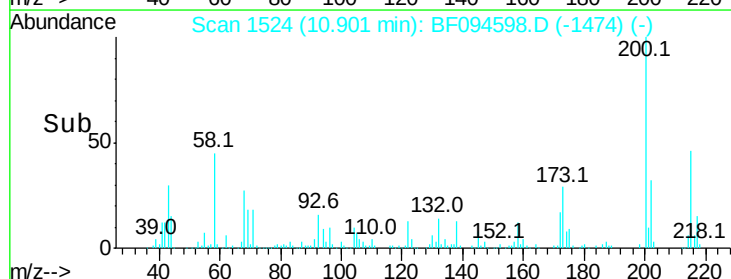
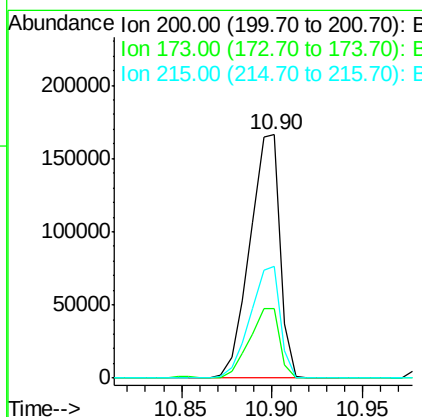
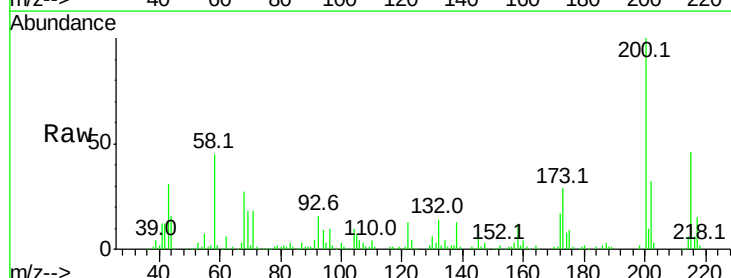
RT: 10.90 min Scan# 1524

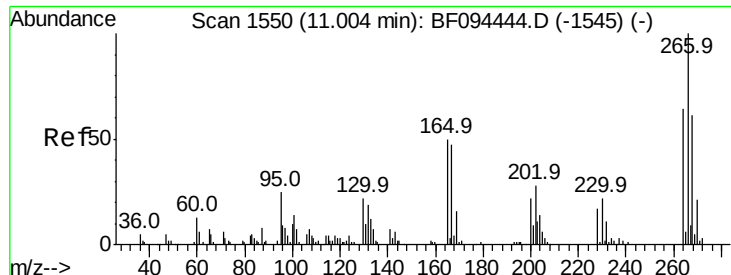
Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.7	6.3	46.3	
215	46.1	27.2	67.2	





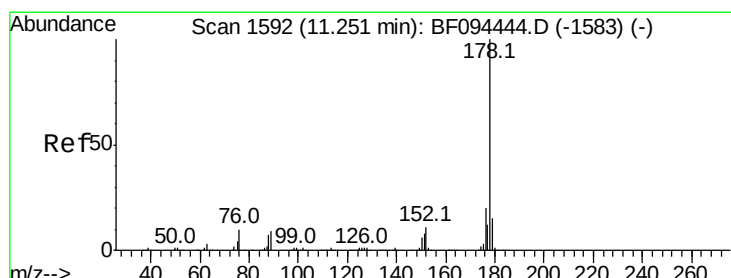
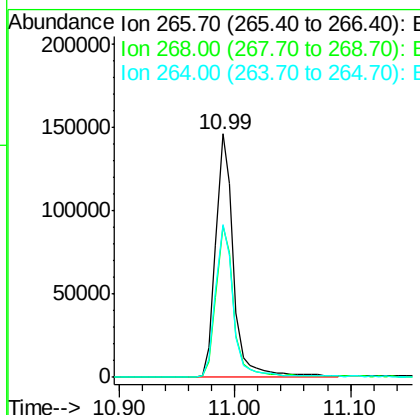
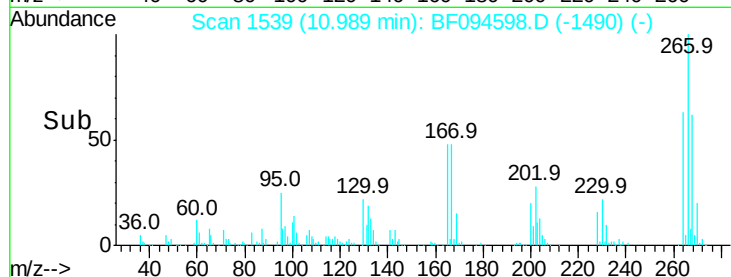
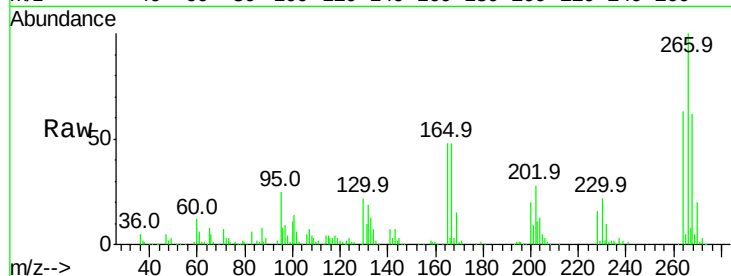
#69
 Pentachlorophenol
 Concen: 96.27 ng
 RT: 10.99 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB98413BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	157943		
268	62.0		51.1	76.7
264	63.0		51.7	77.5

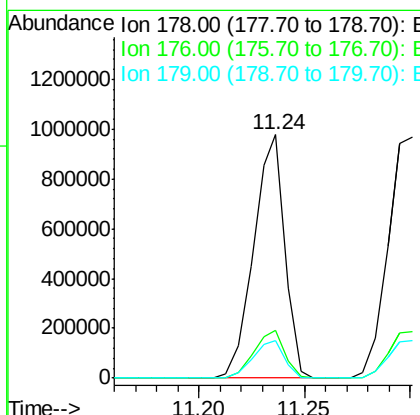
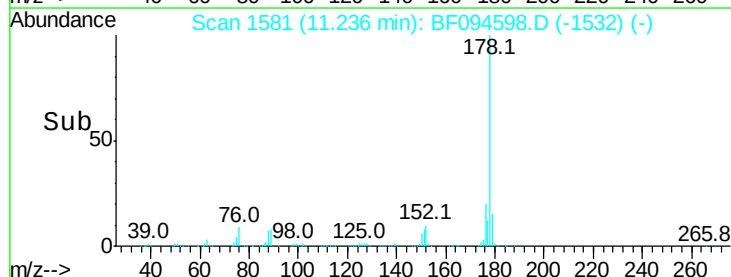
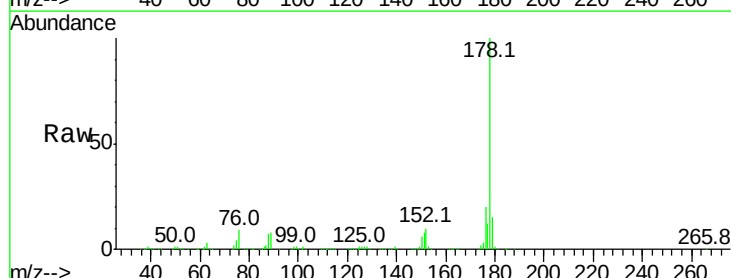
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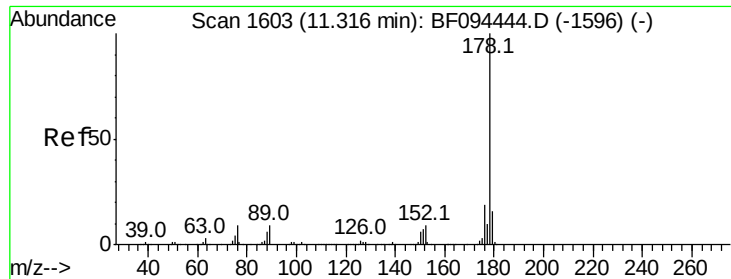
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#70
 Phenanthrene
 Concen: 42.82 ng
 RT: 11.24 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	995717		
176	19.6		16.2	24.4
179	15.2		12.6	19.0





#71
 Anthracene
 Concen: 42.87 ng
 RT: 11.30 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

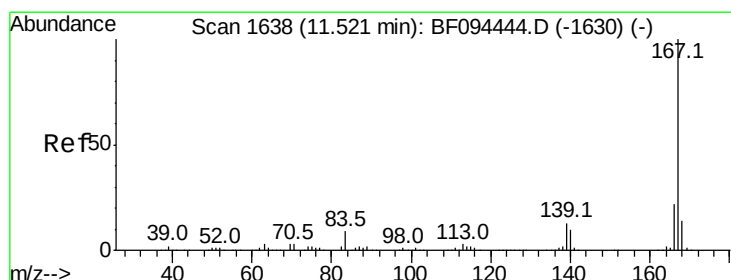
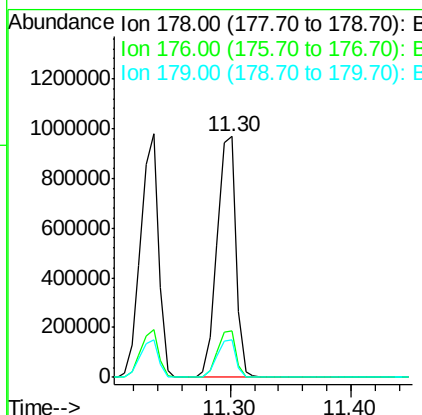
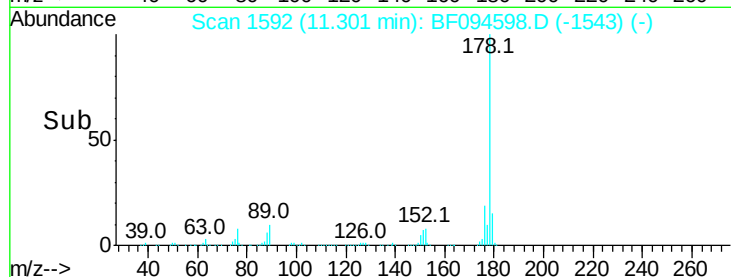
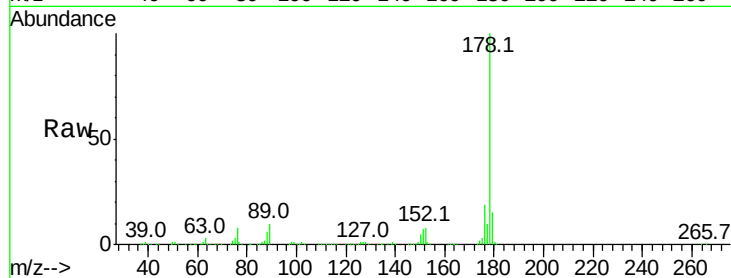
Instrument :
 BNA_F
 ClientSampleId :
 PB98413BS

Tot Ion:178 Resp: 1030956

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

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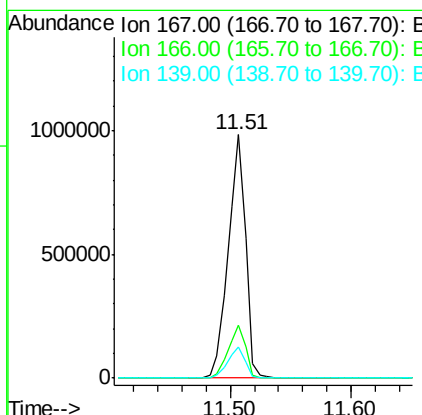
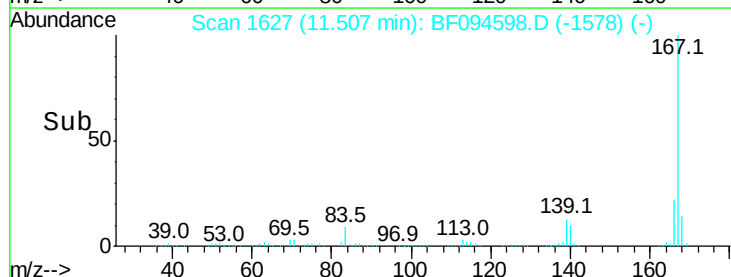
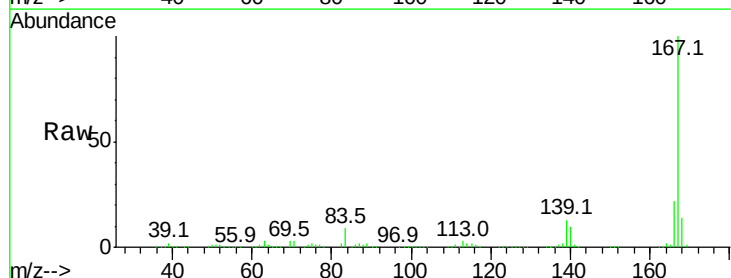
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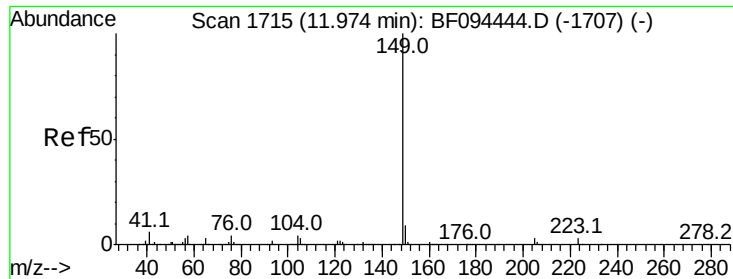


#72
 Carbazole
 Concen: 43.41 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion:167 Resp: 979990

Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	13.1	11.7	17.5





#73

Di-n-butylphthalate

Concen: 46.64 ng

RT: 11.95 min Scan# 1703

Delta R.T. -0.02 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

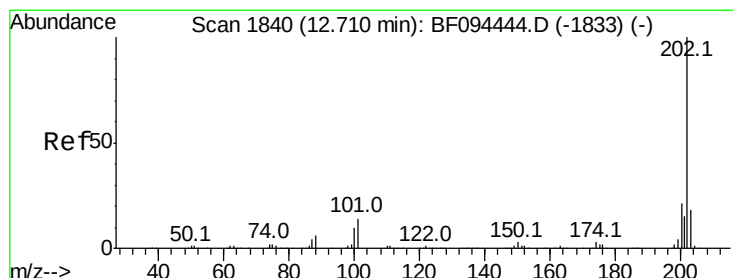
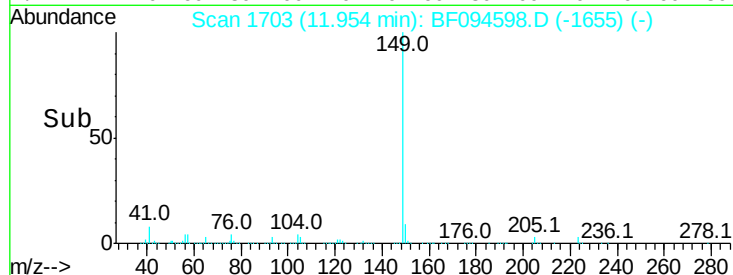
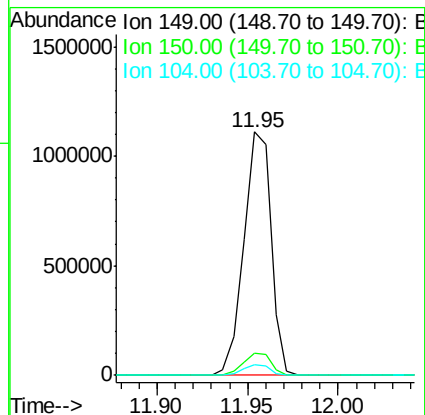
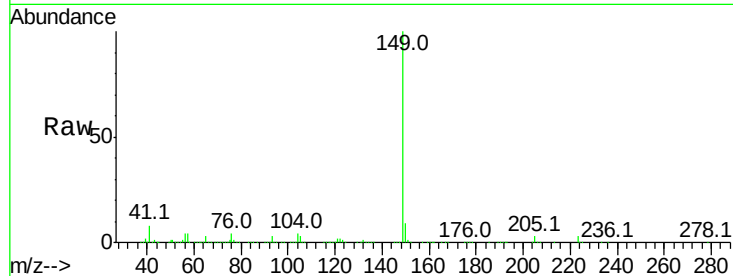
ClientSampleId :

PB98413BS

Tot Ion:	149	Resp:	1159220
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.5	4.0	6.0

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#74

Fluoranthene

Concen: 43.70 ng

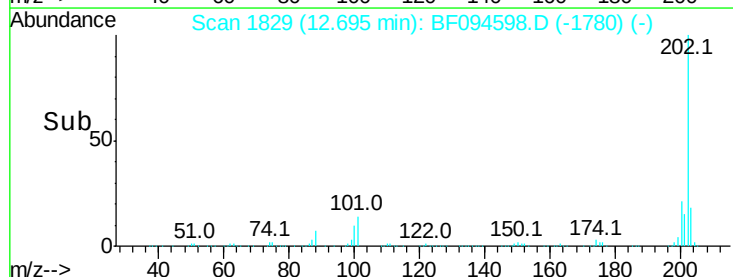
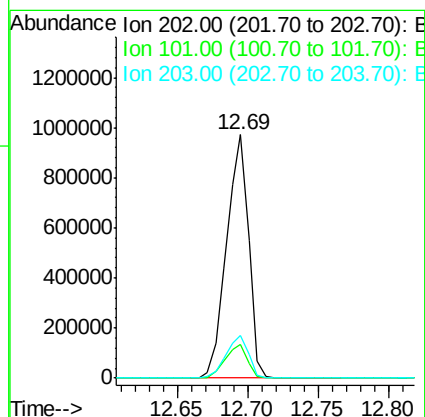
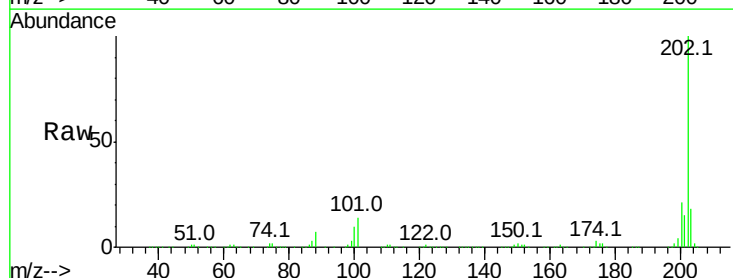
RT: 12.69 min Scan# 1829

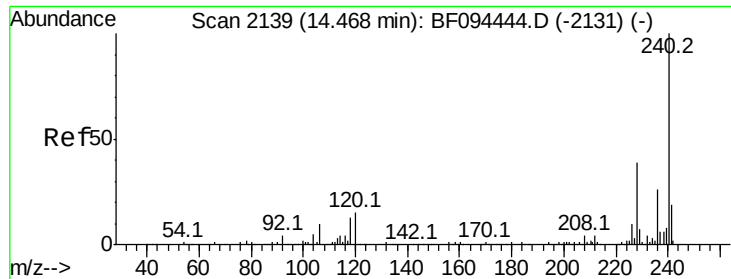
Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Tgt Ion:	202	Resp:	1053181
Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	17.8	0.0	38.1





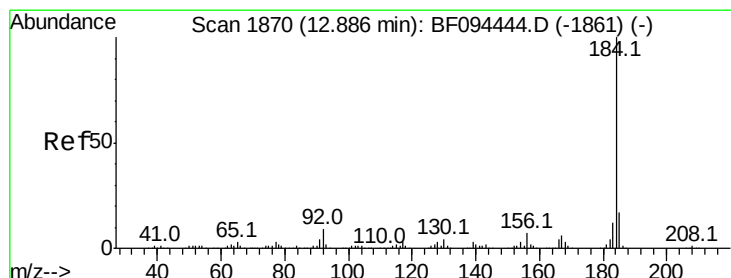
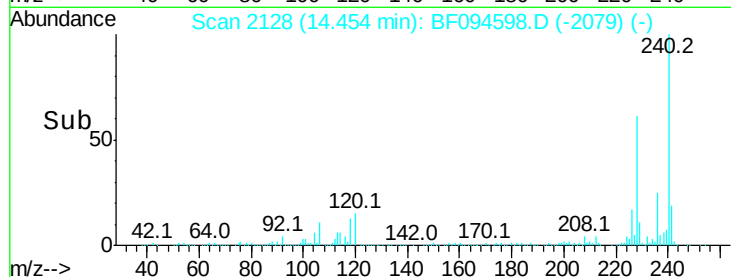
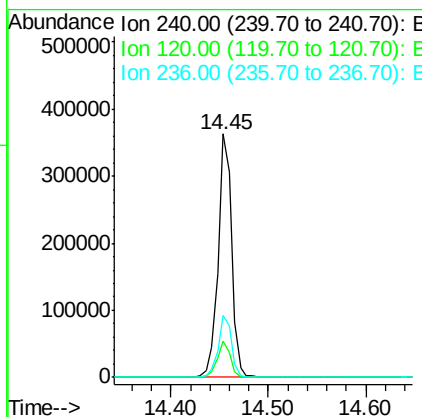
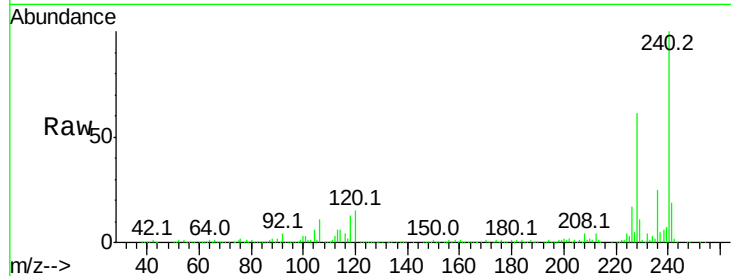
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampled :
PB98413BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	25.2	20.5	30.7

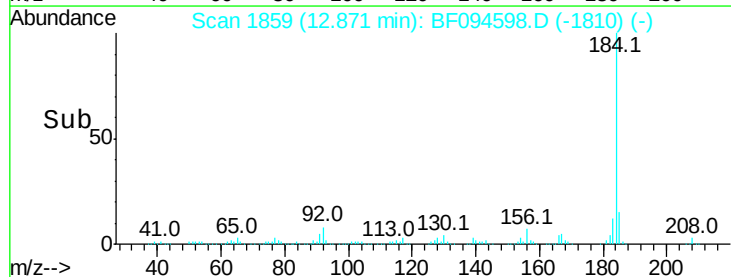
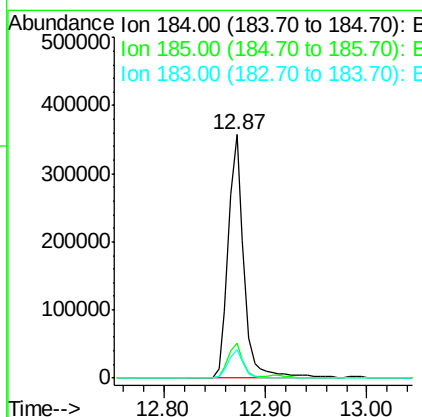
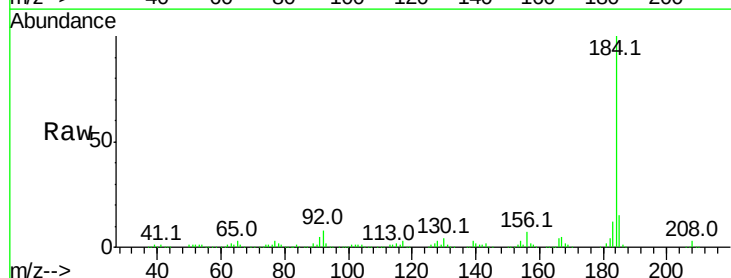
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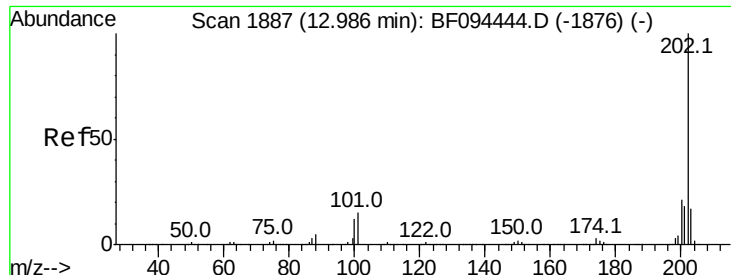
mohammad
4/26/2017 2:20:37 PM



#76
Benzidine
Concen: 27.32 ng
RT: 12.87 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	15.5	23.3#
183	11.7	9.8	14.6





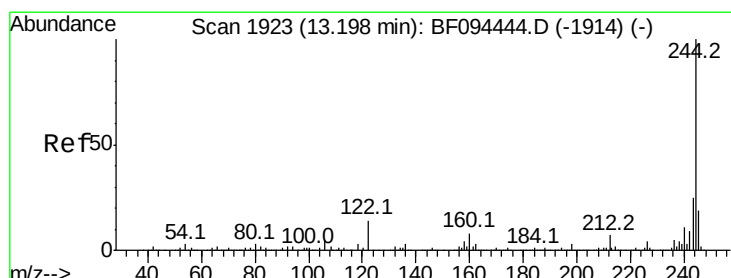
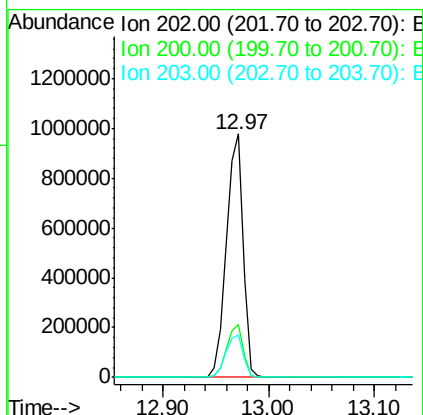
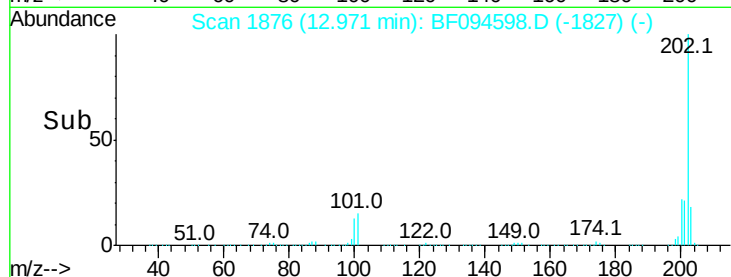
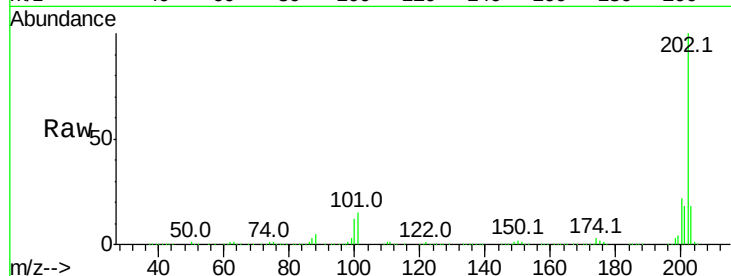
#77
Pvrene
Concen: 43.72 ng
RT: 12.97 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampleId :
PB98413BS

Tot Ion:202 Resp: 1068227
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.7 14.4 21.6

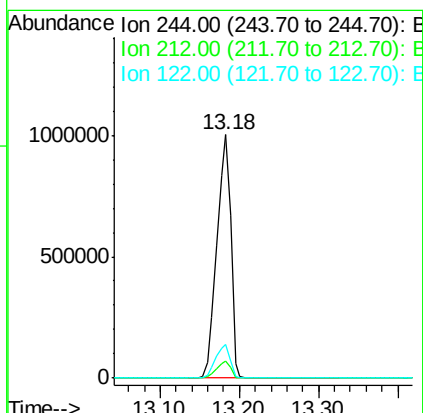
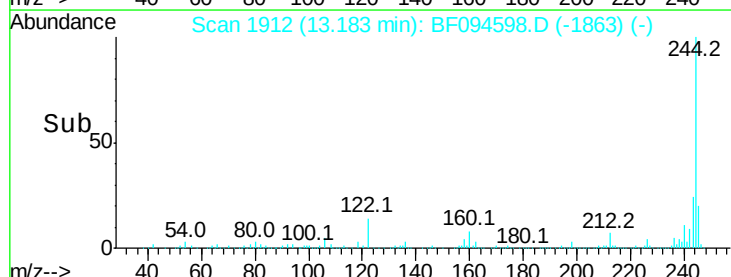
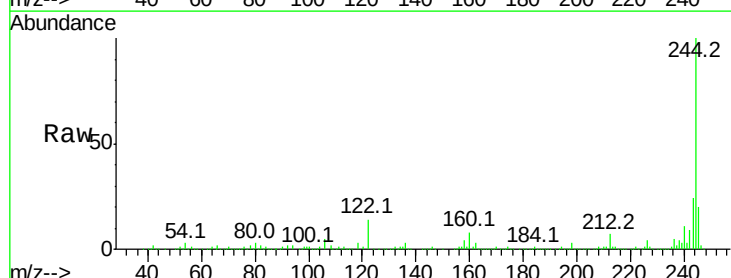
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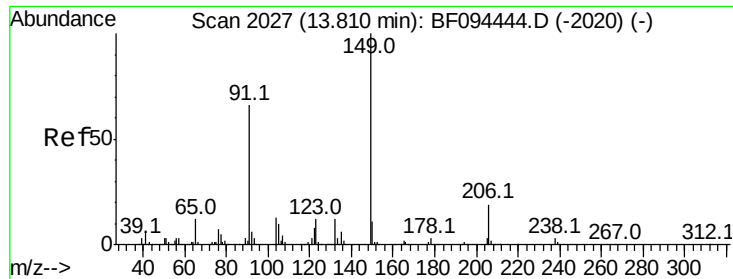
mohammad
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#78
Terphenyl-d14
Concen: 93.73 ng
RT: 13.18 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion:244 Resp: 1226318
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 13.8 10.3 15.5





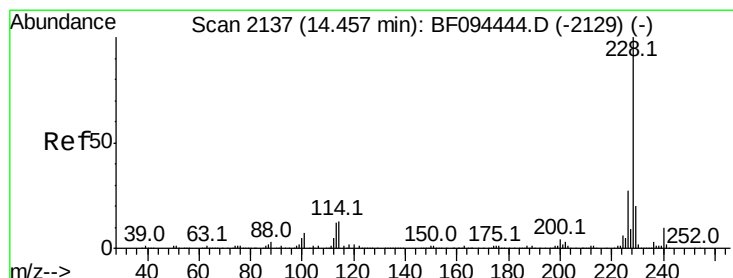
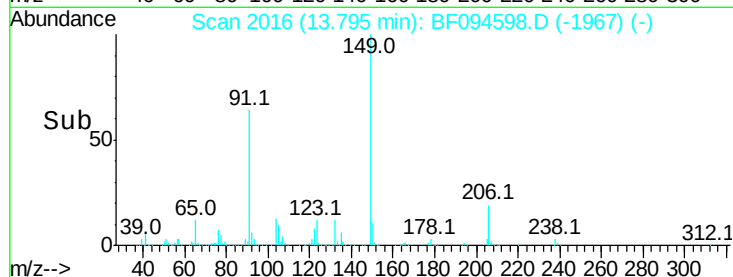
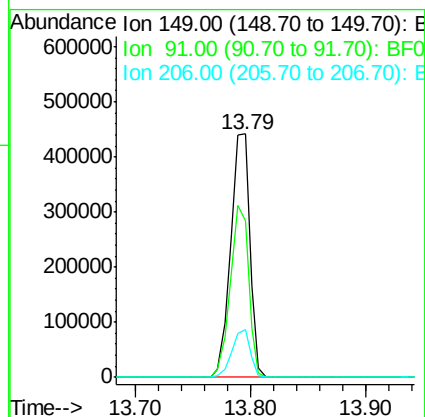
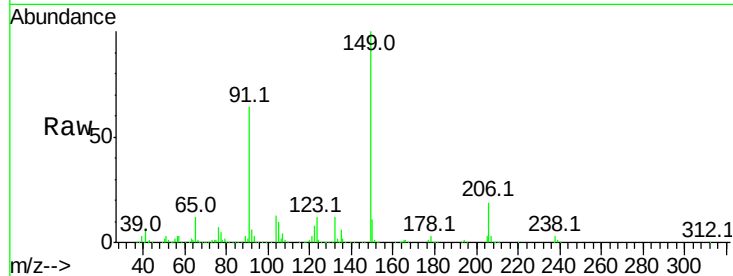
#79
Butylbenzylphthalate
Concen: 47.59 ng
RT: 13.79 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampleId :
PB98413BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	509530		
91	64.5	45.0	67.4	
206	19.4	17.0	25.6	

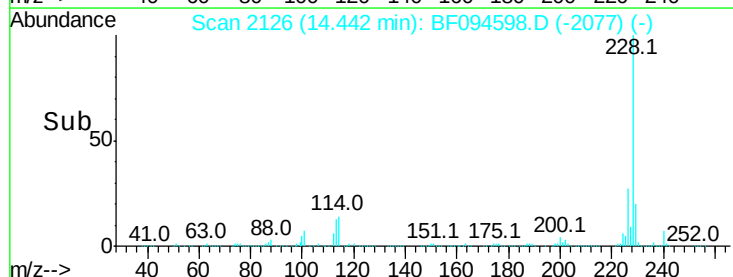
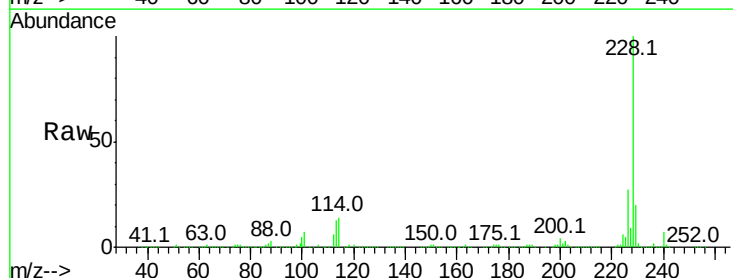
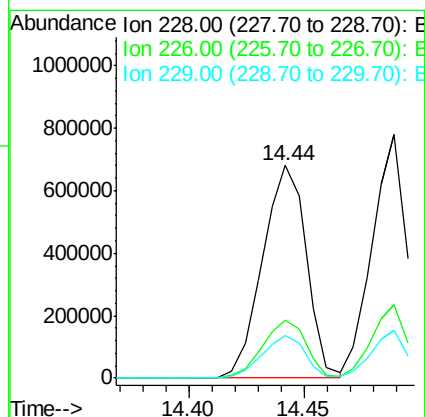
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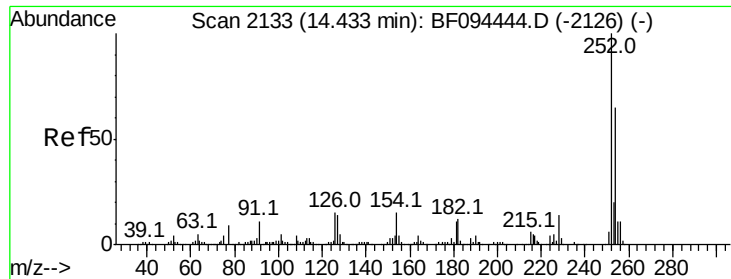
mohammad
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#80
Benzo(a)anthracene
Concen: 44.01 ng
RT: 14.44 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	894642		
226	27.4	22.6	33.8	
229	19.9	16.3	24.5	





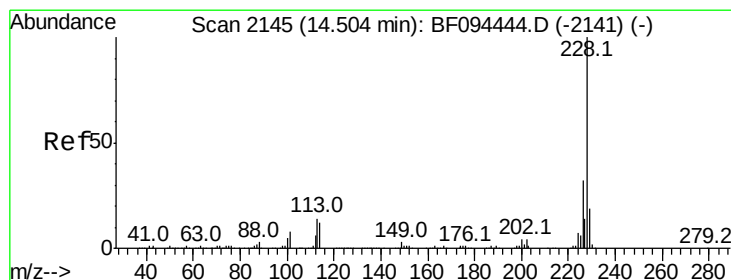
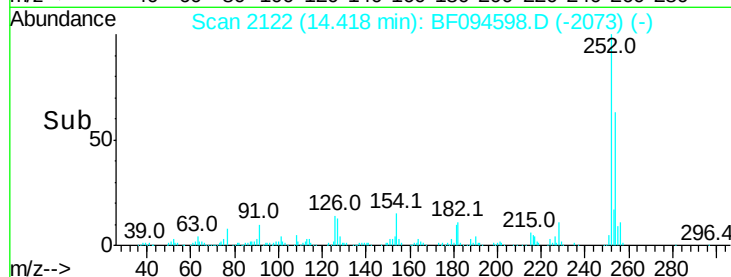
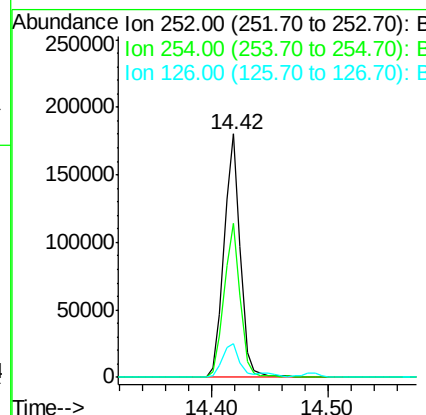
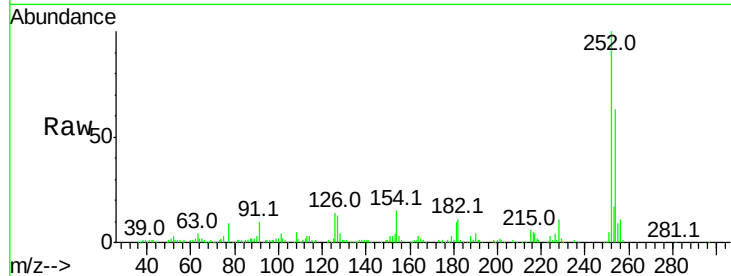
#81
 3,3'-Dichlorobenzidine
 Concen: 24.51 ng
 RT: 14.42 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB98413BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	176349		
254	63.4	51.5	77.3	
126	13.7	15.8	23.8	

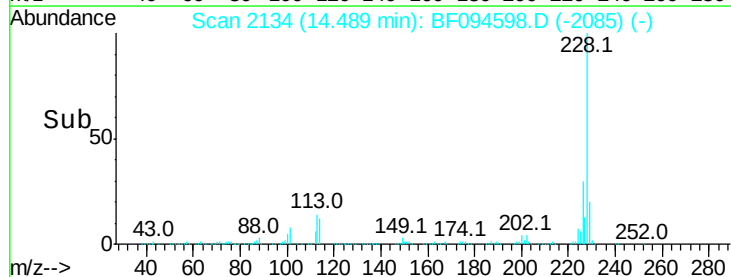
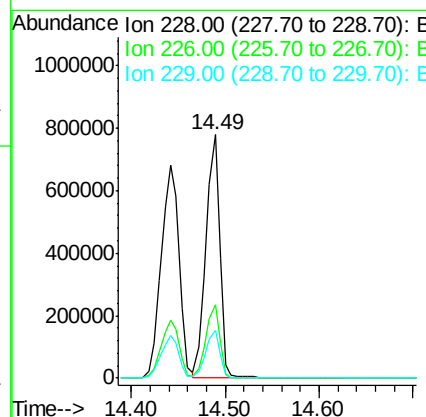
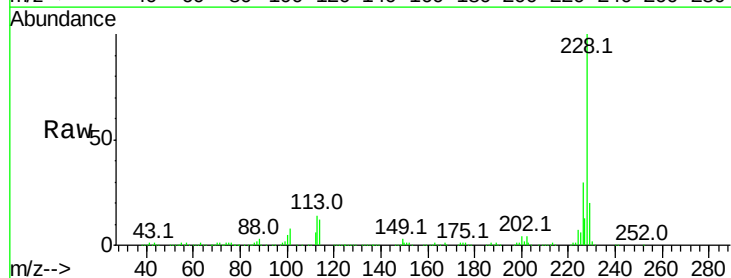
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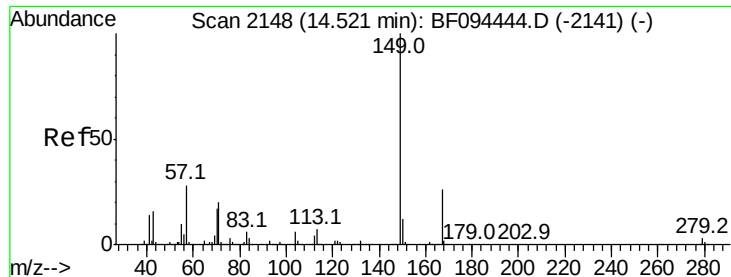
mohammad
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#82
 Chrysene
 Concen: 43.30 ng
 RT: 14.49 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	804331		
226	30.4	24.9	37.3	
229	19.8	15.8	23.6	





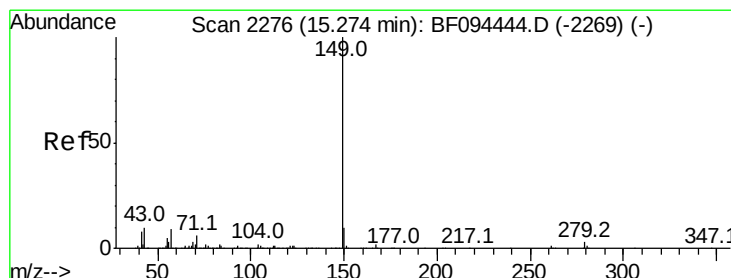
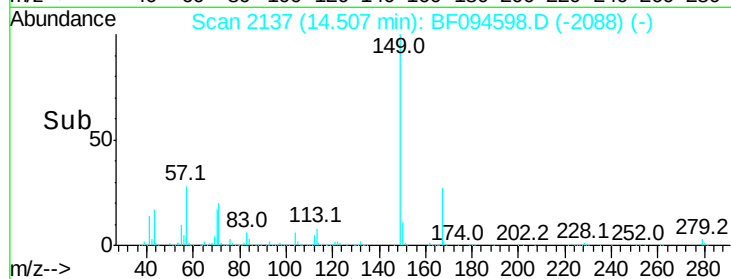
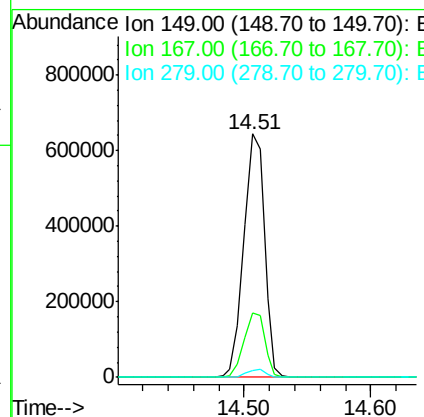
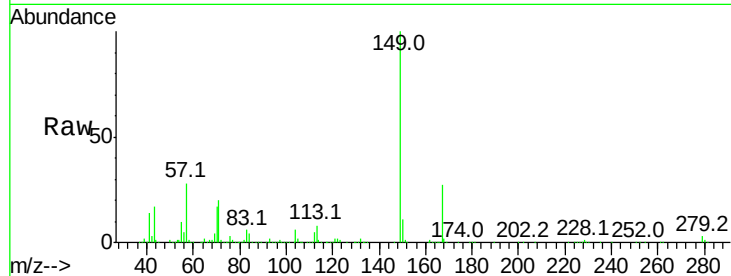
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.62 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB98413BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.6	21.0	31.4
279	3.1	1.9	2.9

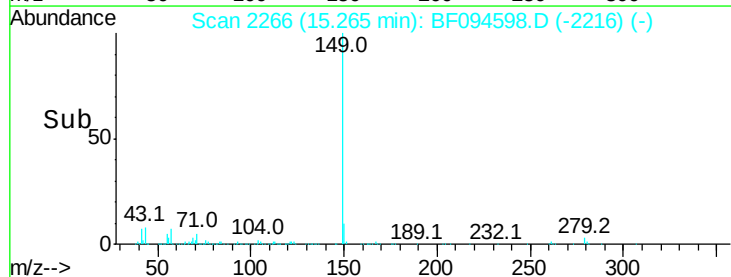
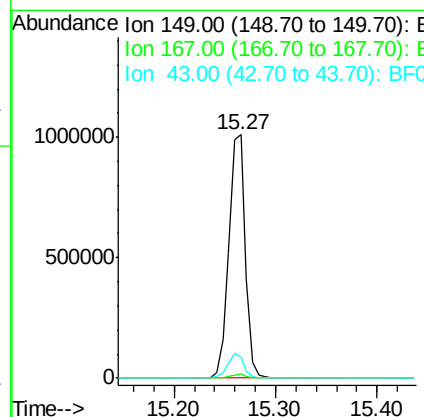
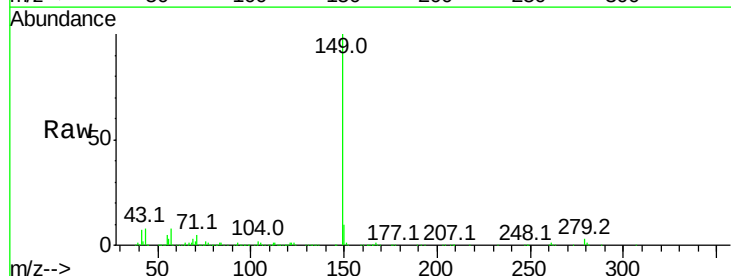
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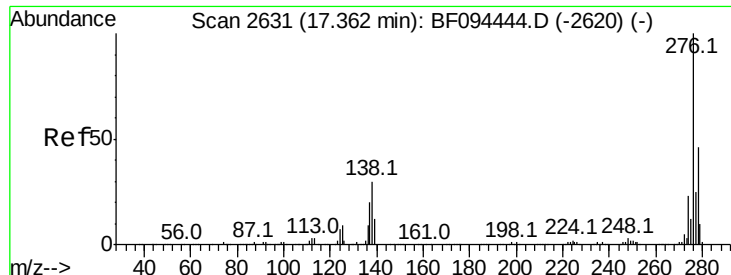
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 47.06 ng
 RT: 15.27 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.2	1.8
43	9.4	8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.80 ng

RT: 17.35 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

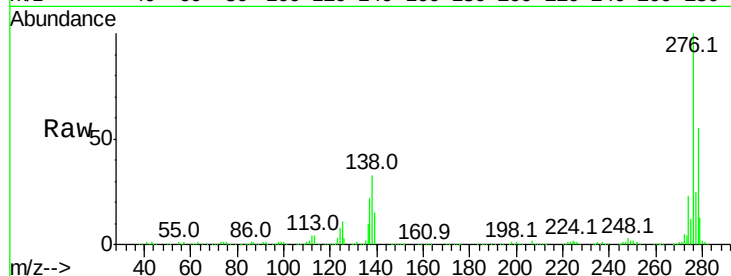
ClientSampleId :

PB98413BS

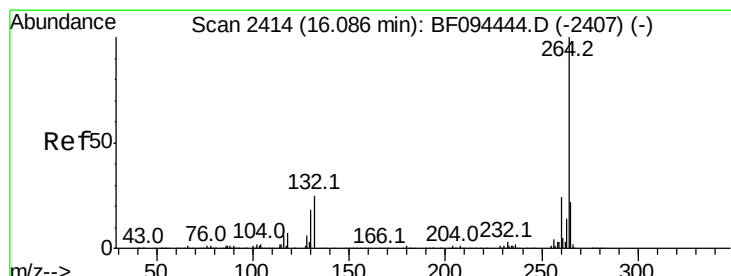
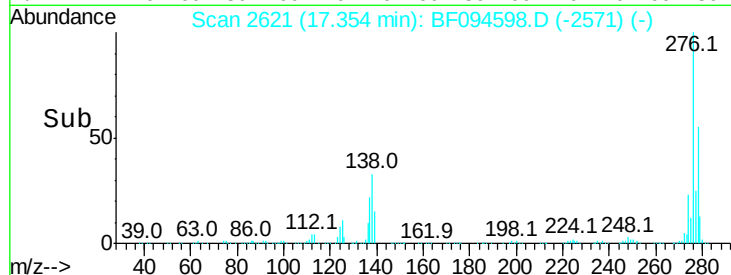
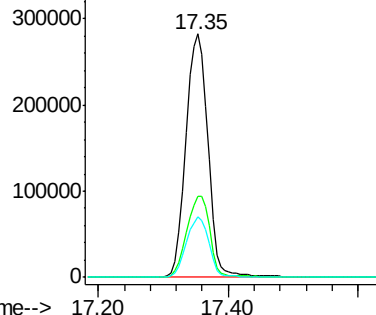
Tot Ion	Ratio	Resp	Lower	Upper
276	100	668158		
138	34.4		27.8	41.6
277	25.4		20.2	30.4

Manual Integrations
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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

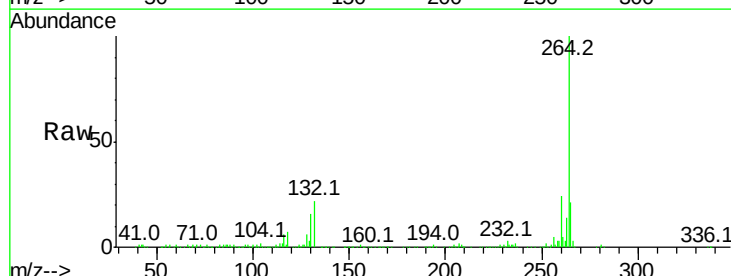
RT: 16.08 min Scan# 2404

Delta R.T. -0.01 min

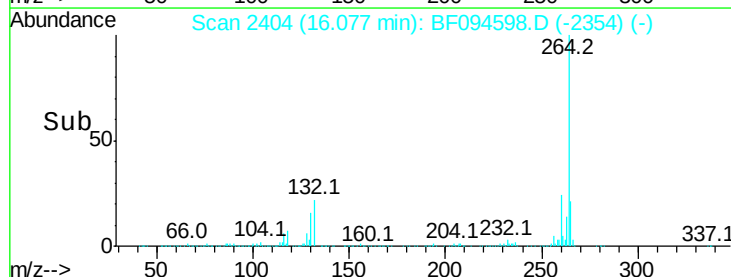
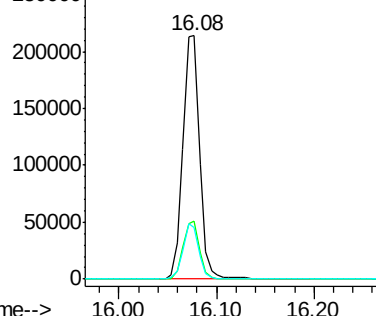
Lab File: BF094598.D

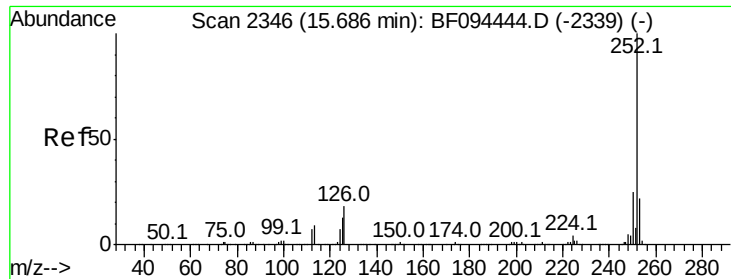
Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	255614		
260	23.8		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





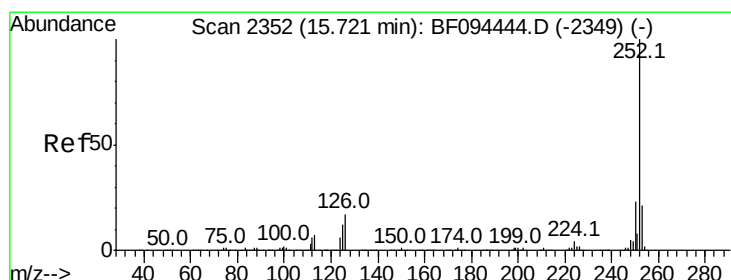
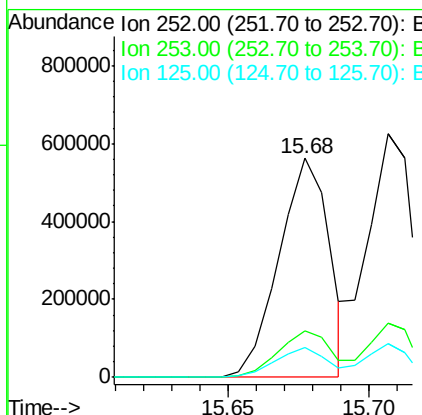
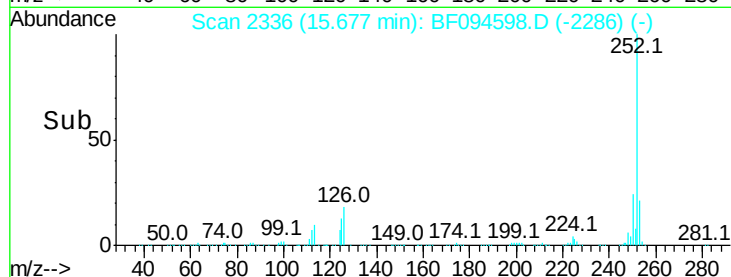
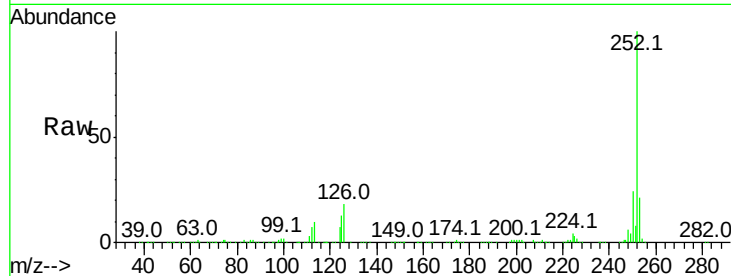
#87
Benzo(b)fluoranthene
Concen: 44.62 ng
RT: 15.68 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampleId :
PB98413BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	13.4	9.8	14.8

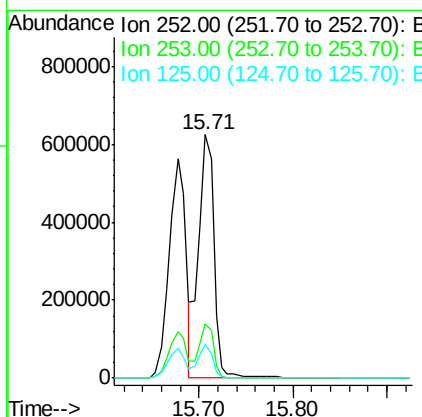
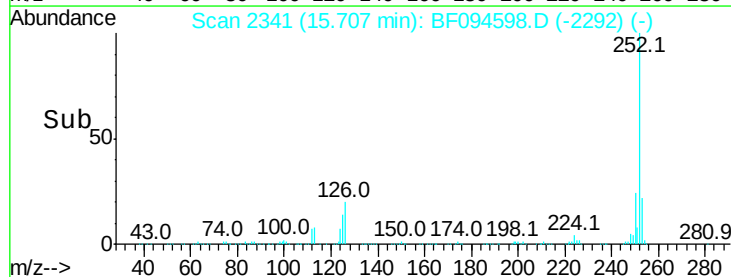
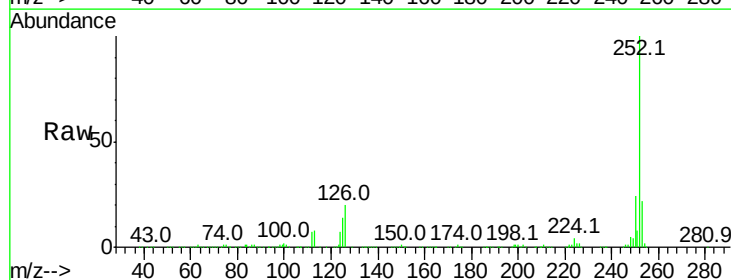
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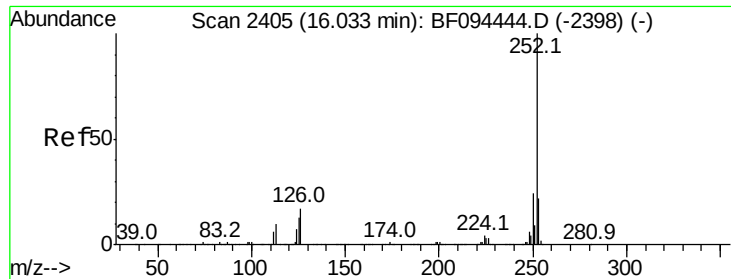
mohammad
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#88
Benzo(k)fluoranthene
Concen: 48.16 ng
RT: 15.71 min Scan# 2341
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	13.9	13.1	19.7





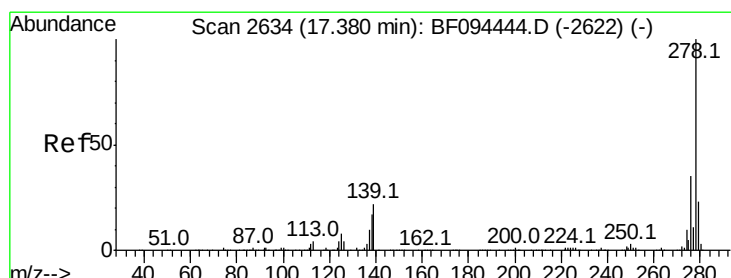
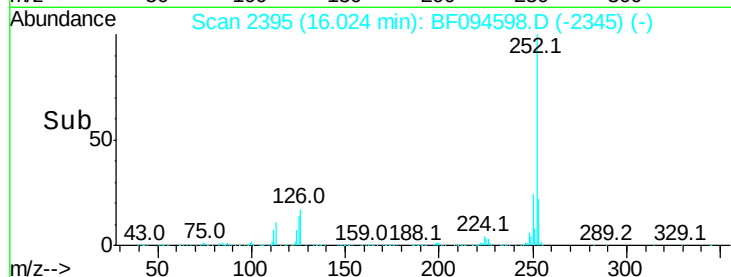
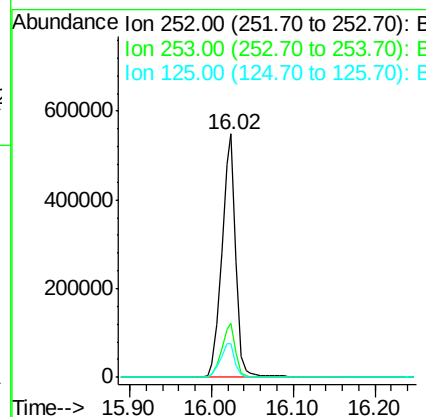
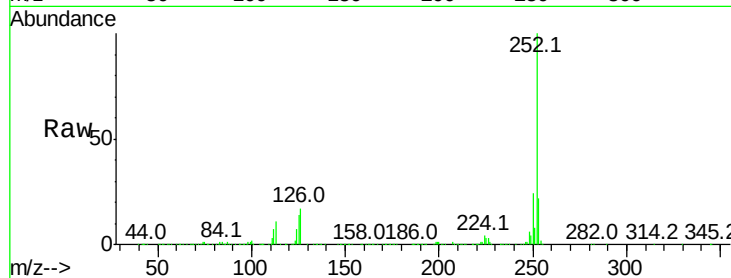
#89
Benzo(a)pyrene
Concen: 44.44 ng
RT: 16.02 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampleId :
PB98413BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	14.0	11.0	16.4

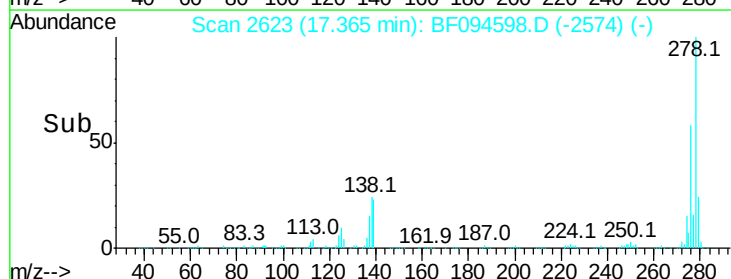
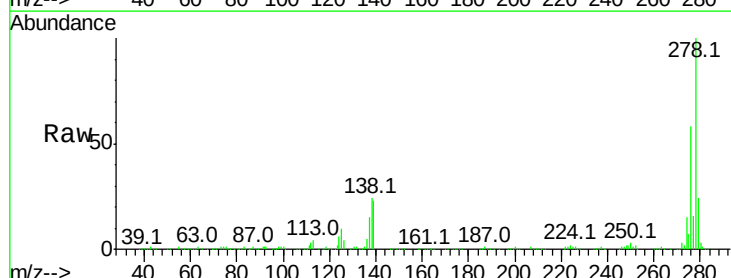
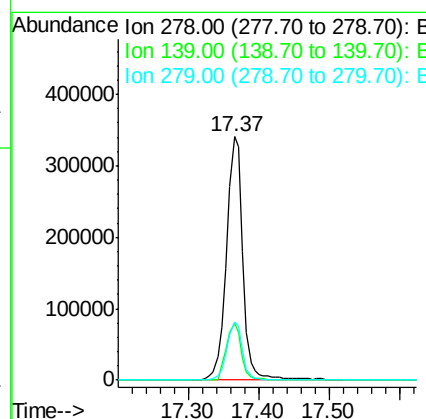
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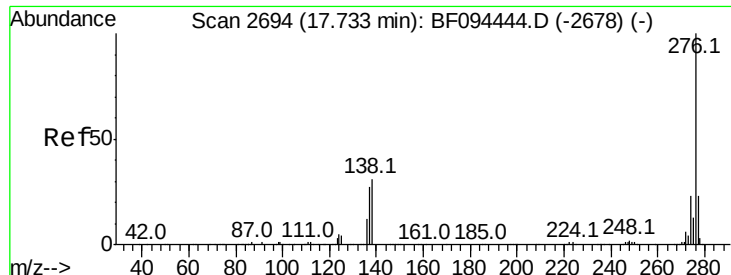
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 45.61 ng
RT: 17.37 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.2	16.6	24.8
279	24.0	19.3	28.9





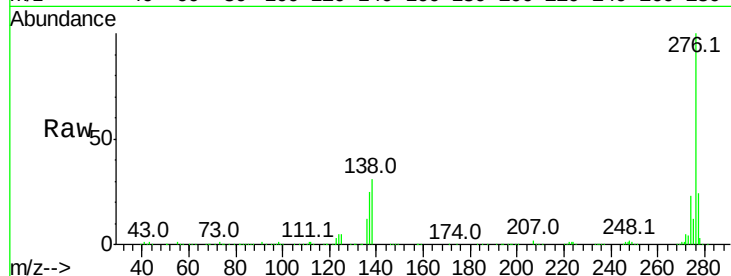
#91
 Benzo(a,h,i)perylene
 Concen: 46.08 ng
 RT: 17.72 min Scan# 2684
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB98413BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	30.5	25.4	38.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

