

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094309.D
 Acq On : 10 Apr 2017 14:21
 Operator : SJ/MA
 Sample : PB98131BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98131BSD

Manual Integrations
 APPROVED

mohammad
 4/11/2017 12:53:04 PM

Quant Time: Apr 11 01:21:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	162048	20.00	ng	-0.02
21) Naphthalene-d8	7.35	136	646642	20.00	ng	-0.02
38) Acenaphthene-d10	9.49	164	293929	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	509593	20.00	ng	-0.01
75) Chrysene-d12	14.56	240	403907	20.00	ng	-0.01
86) Perylene-d12	16.19	264	284944	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.41	112	1135157	118.32	ng	0.02
7) Phenol-d6	5.48	99	1425538	120.11	ng	0.02
23) Nitrobenzene-d5	6.49	82	897213	79.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	307545	132.41	ng	0.00
44) 2-Fluorobiphenyl	8.67	172	1655241	85.89	ng	-0.02
78) Terphenyl-d14	13.29	244	1362670	75.62	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	155600	33.76	ng	98
3) Pyridine	2.73	79	450956	35.90	ng	98
4) n-Nitrosodimethylamine	2.69	42	206417	39.93	ng	89
6) Aniline	5.46	93	242578	14.69	ng	95
8) 2-Chlorophenol	5.62	128	445556	42.25	ng	97
9) Benzaldehyde	5.33	77	153957	19.21	ng	99
10) Phenol	5.50	94	536032	39.69	ng	88
11) bis(2-Chloroethyl)ether	5.55	93	424241	40.19	ng	97
12) 1,3-Dichlorobenzene	5.77	146	479805	40.56	ng	97
13) 1,4-Dichlorobenzene	5.86	146	481653	40.20	ng	96
14) 1,2-Dichlorobenzene	6.03	146	439154	39.80	ng	96
15) Benzyl Alcohol	6.02	79	333947	38.44	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.17	45	565831	34.79	ng	53
17) 2-Methylphenol	6.18	107	362870	40.18	ng	95
18) Hexachloroethane	6.43	117	170385	40.46	ng	# 87
19) n-Nitroso-di-n-propylamine	6.33	70	318743	41.78	ng	98
20) 3+4-Methylphenols	6.36	107	506403	46.30	ng	# 61
22) Acetophenone	6.32	105	617728	42.86	ng	# 86
24) Nitrobenzene	6.52	77	451171	40.37	ng	92
25) Isophorone	6.80	82	804484	40.41	ng	96
26) 2-Nitrophenol	6.89	139	251796	47.25	ng	97
27) 2,4-Dimethylphenol	6.97	122	404990	44.10	ng	98
28) bis(2-Chloroethoxy)methane	7.06	93	537835	40.96	ng	98
29) 2,4-Dichlorophenol	7.20	162	380590	44.33	ng	98
30) 1,2,4-Trichlorobenzene	7.28	180	373825	42.27	ng	99
31) Naphthalene	7.37	128	1254908	40.36	ng	100
32) Benzoic acid	7.15	122	214194	35.04	ng	96
33) 4-Chloroaniline	7.44	127	110958	8.80	ng	# 94
34) Hexachlorobutadiene	7.52	225	189826	41.86	ng	99
35) Caprolactam	7.89	113	123110m	44.96	ng	
36) 4-Chloro-3-methylphenol	8.08	107	399484	44.53	ng	87
37) 2-Methylnaphthalene	8.22	142	888605	42.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	329168	40.94	ng	99
40) Hexachlorocyclopentadiene	8.41	237	322543	85.72	ng	96

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Instrument :
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 PB98131BSD

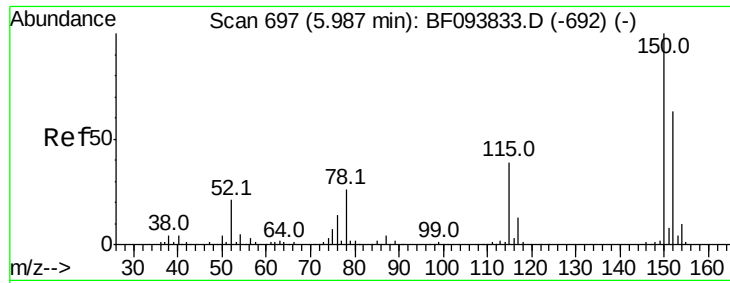
Manual Integrations
 APPROVED

mohammad
 4/11/2017 12:53:04 PM

Quant Time: Apr 11 01:21:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	254404	44.72	nq	96
43) 2,4,5-Trichlorophenol	8.64	196	258268	41.96	nq #	93
45) 1,1'-Biphenyl	8.79	154	994614	41.95	nq	98
46) 2-Chloronaphthalene	8.81	162	784916	42.29	nq	96
47) 2-Nitroaniline	8.94	65	235962	42.86	nq	91
48) Acenaphthylene	9.32	152	1227270	39.79	nq	99
49) Dimethylphthalate	9.18	163	932194	44.62	nq	98
50) 2,6-Dinitrotoluene	9.25	165	207535	43.33	nq #	90
51) Acenaphthene	9.53	154	731092	40.62	nq	100
52) 3-Nitroaniline	9.45	138	81750	14.54	nq	93
53) 2,4-Dinitrophenol	9.59	184	181508	71.35	nq #	68
54) Dibenzofuran	9.74	168	1039317	42.42	nq	98
55) 4-Nitrophenol	9.73	139	436775m	99.17	nq	
56) 2,4-Dinitrotoluene	9.74	165	247658	41.16	nq #	67
57) Fluorene	10.16	166	817763	40.25	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.91	232	193023	45.70	nq	96
59) Diethylphthalate	10.05	149	898228	43.50	nq	99
60) 4-Chlorophenyl-phenylether	10.17	204	349118	40.34	nq	90
61) 4-Nitroaniline	10.21	138	202924	37.60	nq	95
62) Azobenzene	10.36	77	864332	44.25	nq	96
64) 4,6-Dinitro-2-methylphenol	10.25	198	136299	43.67	nq #	76
65) n-Nitrosodiphenylamine	10.32	169	753605	42.76	nq	97
66) 4-Bromophenyl-phenylether	10.77	248	215961	43.09	nq	94
67) Hexachlorobenzene	10.84	284	223829	44.12	nq #	88
68) Atrazine	11.00	200	222465	42.15	nq	98
69) Pentachlorophenol	11.10	266	185571	58.76	nq	100
70) Phenanthrene	11.34	178	1186647	41.86	nq	99
71) Anthracene	11.40	178	1238440	42.43	nq	99
72) Carbazole	11.61	167	1162292	38.83	nq	98
73) Di-n-butylphthalate	12.05	149	1379143	44.31	nq	100
74) Fluoranthene	12.80	202	1226640	42.26	nq	98
76) Benzidine	12.97	184	372536	23.30	nq #	92
77) Pyrene	13.07	202	1225815	41.82	nq	99
79) Butylbenzylphthalate	13.89	149	590561	47.28	nq #	84
80) Benzo(a)anthracene	14.55	228	1003950	42.62	nq	99
81) 3,3'-Dichlorobenzidine	14.52	252	162969	19.36	nq #	97
82) Chrysene	14.59	228	878408	40.19	nq	99
83) Bis(2-ethylhexyl)phthalate	14.61	149	802424	47.09	nq #	99
84) Di-n-octyl phthalate	15.36	149	1328360	46.66	nq	98
85) Indeno(1,2,3-cd)pyrene	17.51	276	714842	37.76	nq	100
87) Benzo(b)fluoranthene	15.79	252	801610	45.90	nq	98
88) Benzo(k)fluoranthene	15.82	252	727324	42.56	nq #	96
89) Benzo(a)pyrene	16.13	252	687586	42.75	nq	98
90) Dibenzo(a,h)anthracene	17.53	278	587475	43.13	nq	98
91) Benzo(g,h,i)perylene	17.90	276	609863	44.43	nq	99

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



#1

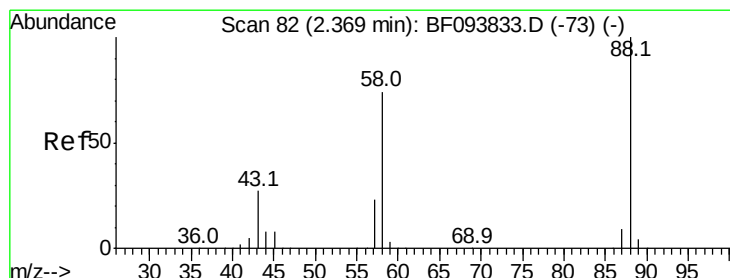
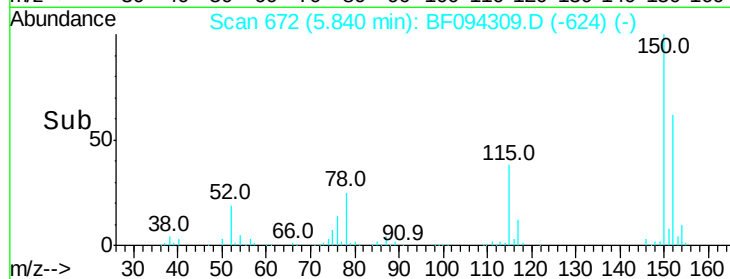
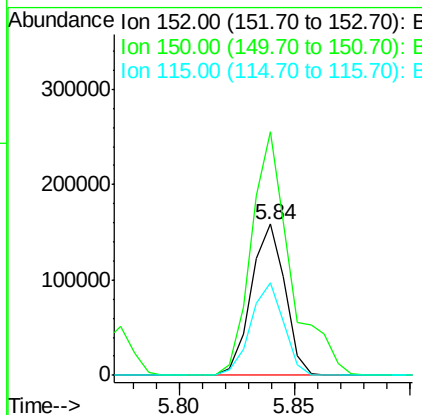
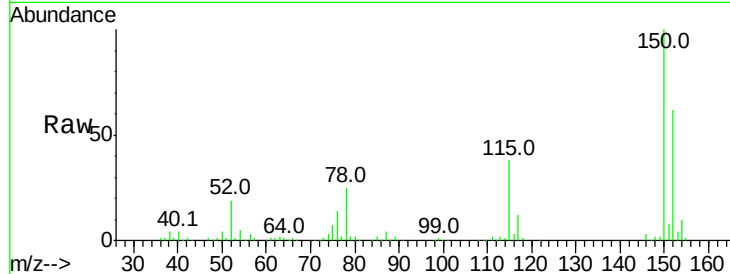
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :
PB98131BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	126.2	189.2
115	61.5	52.2	78.2

Manual Integrations
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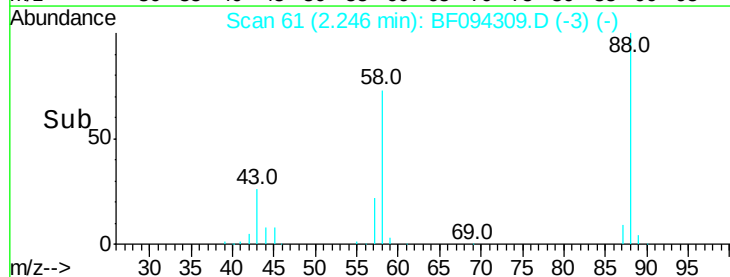
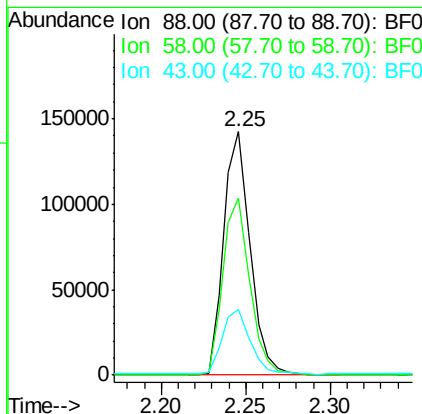
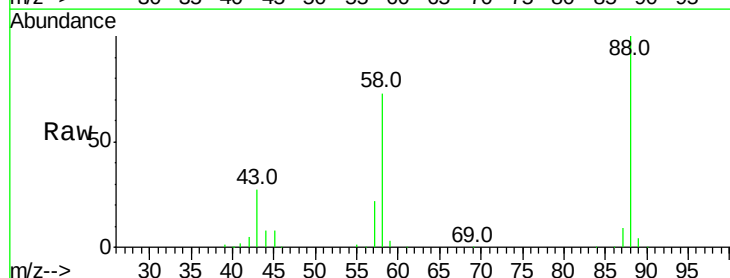
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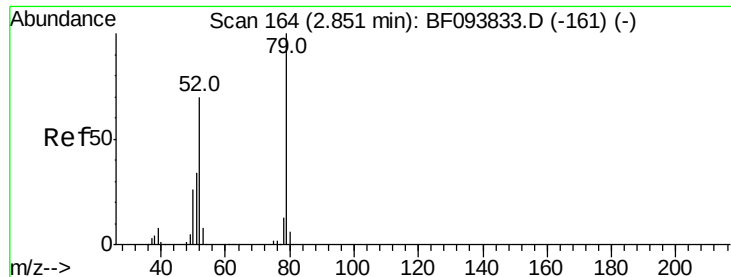


#2

1,4-Dioxane
Concen: 33.76 ng
RT: 2.25 min Scan# 61
Delta R.T. 0.04 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.4	61.4	92.0
43	28.7	23.4	35.0





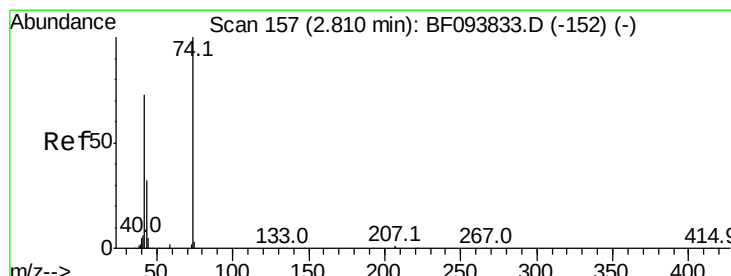
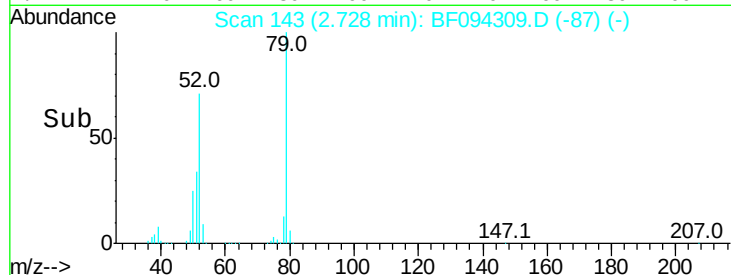
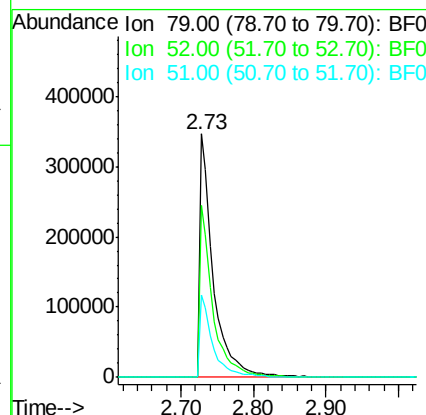
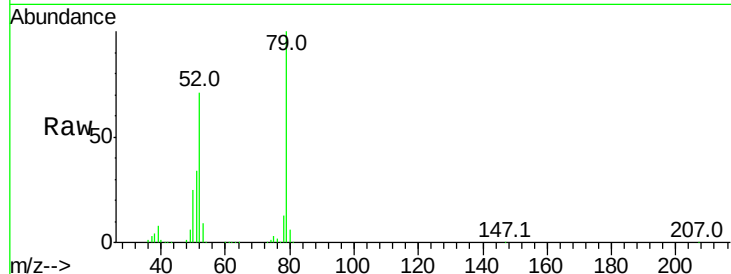
#3
 Pvridine
 Concen: 35.90 ng
 RT: 2.73 min Scan# 143
 Delta R.T. 0.03 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98131BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.8	54.8	82.2
51	33.7	27.0	40.4

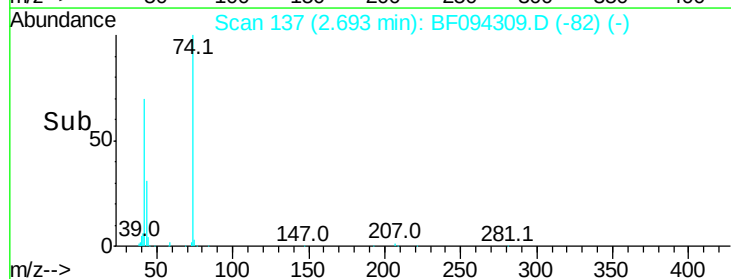
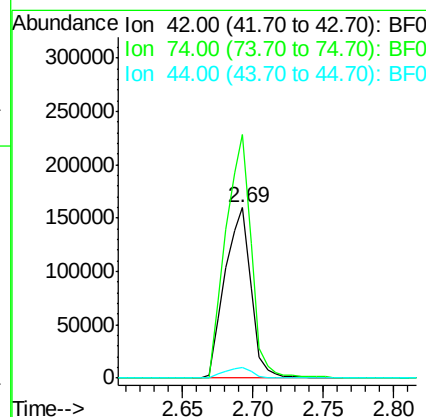
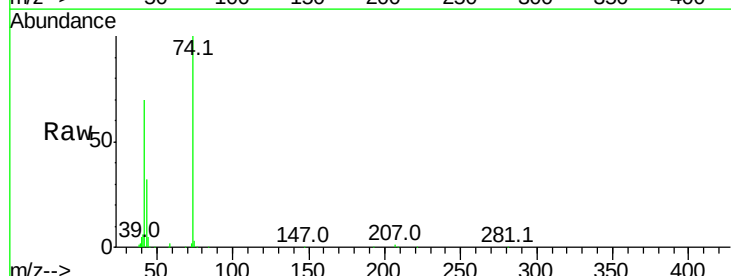
Manual Integrations
 APPROVED

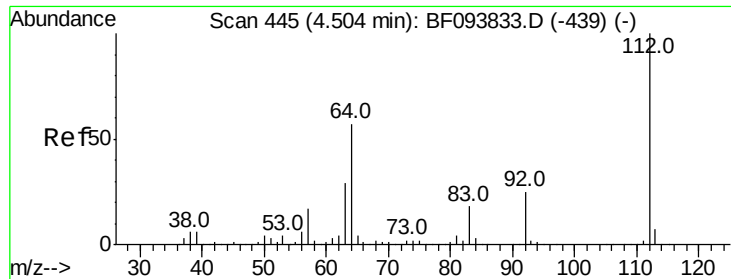
mohammad
 4/11/2017 12:53:04 PM



#4
 n-Nitrosodimethylamine
 Concen: 39.93 ng
 RT: 2.69 min Scan# 137
 Delta R.T. 0.02 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.7	103.9	155.9
44	6.6	5.7	8.5





#5

2-Fluorophenol

Concen: 118.32 ng

RT: 4.41 min Scan# 429

Delta R.T. 0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

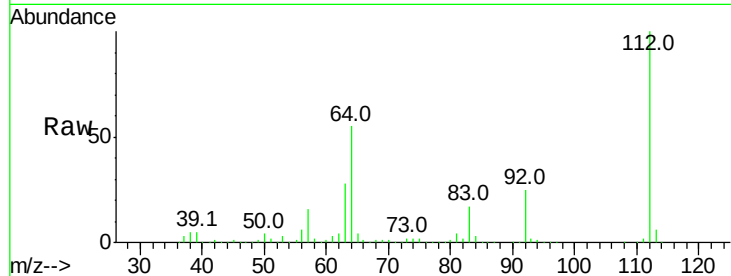
ClientSampleId :

PB98131BSD

Tot Ion:	112	Resp:	1135157
Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.0	69.0
63	27.8	23.4	35.0

Manual Integrations
APPROVED

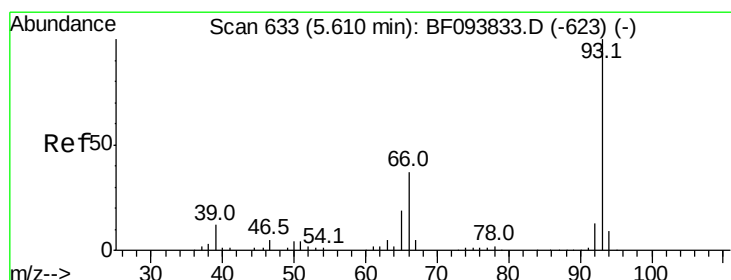
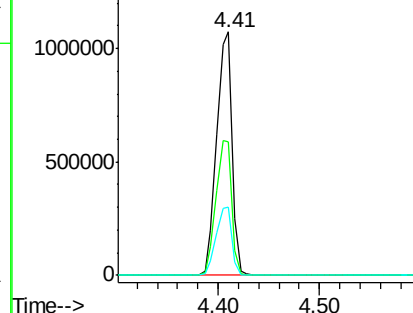
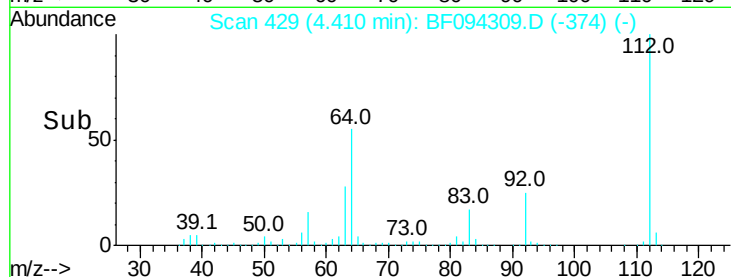
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.69 ng

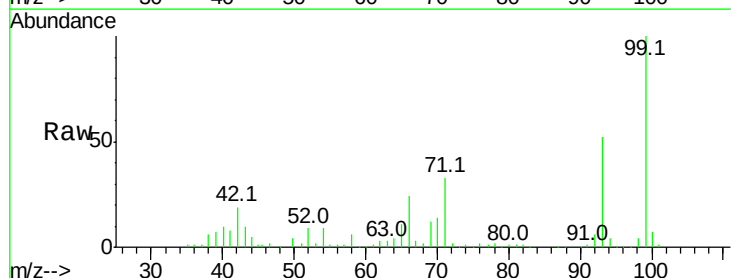
RT: 5.46 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

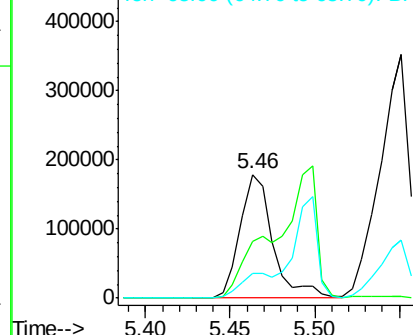
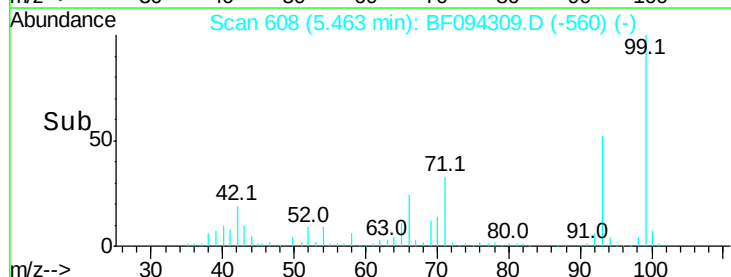
Tgt Ion:	93	Resp:	242578
Ion	Ratio	Lower	Upper
93	100		
66	46.0	32.9	49.3
65	20.3	16.0	24.0

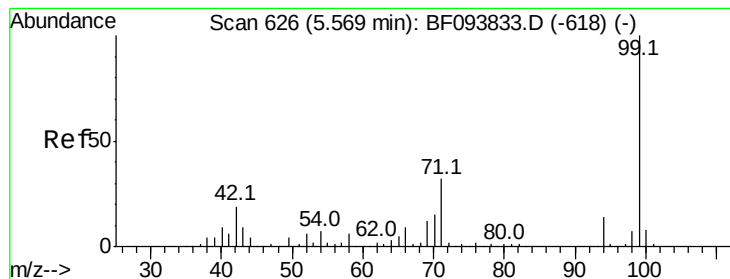


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.11 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampleId :

PB98131BSD

Tot Ion: 99 Resp: 1425538

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

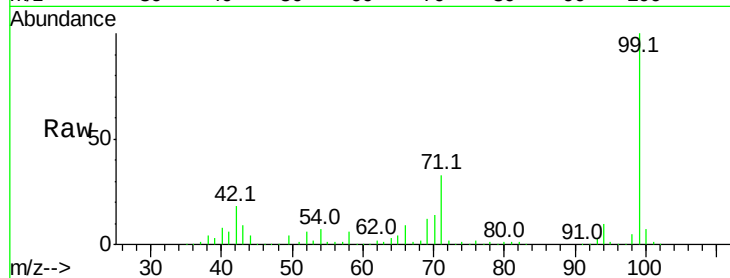
71 33.5 24.5 36.7

Manual Integrations

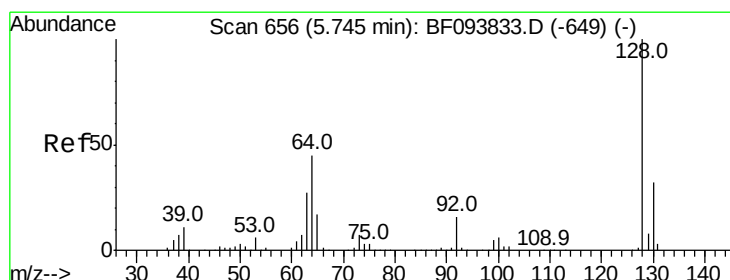
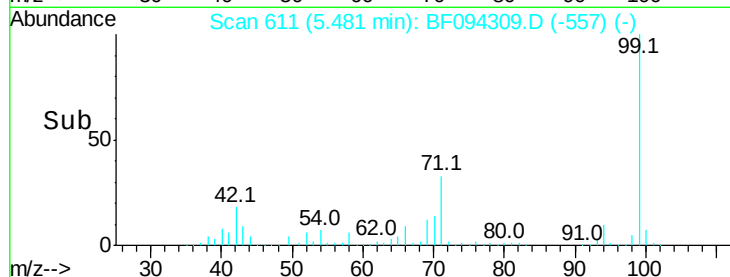
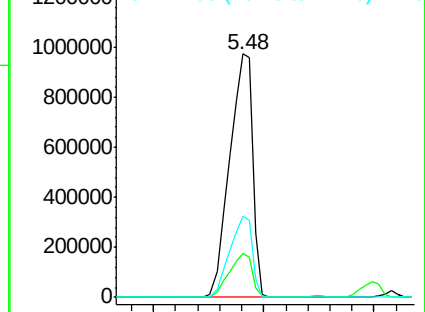
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.25 ng

RT: 5.62 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

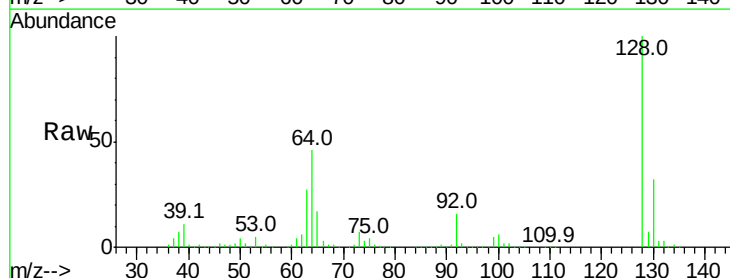
Tgt Ion:128 Resp: 445556

Ion Ratio Lower Upper

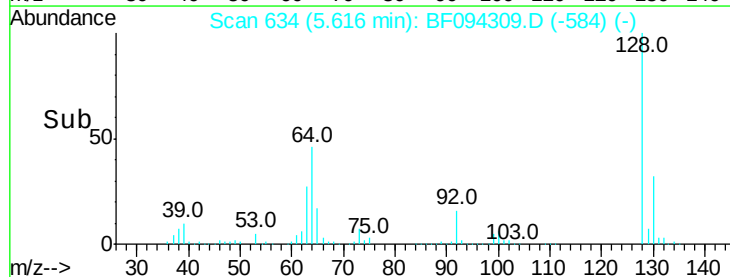
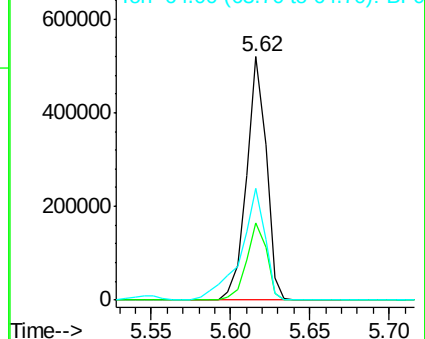
128 100

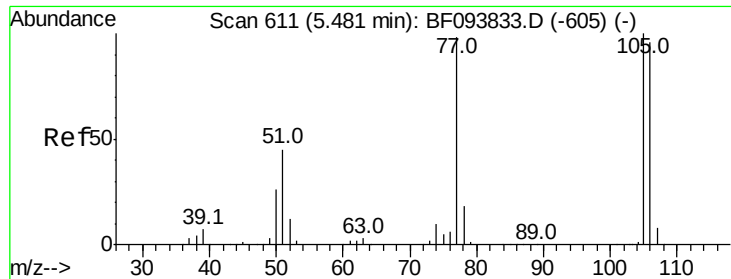
130 31.7 12.9 52.9

64 46.1 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





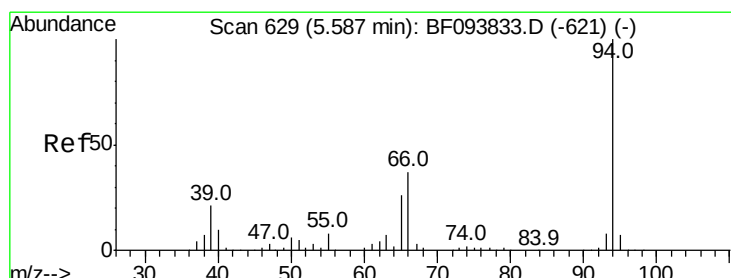
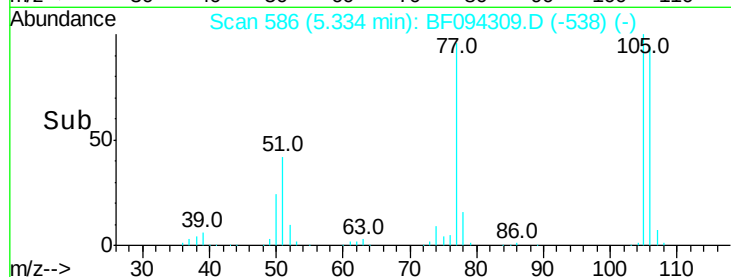
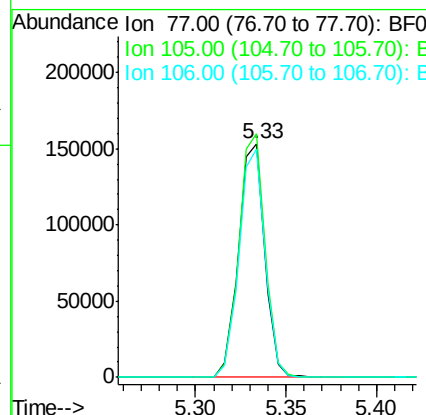
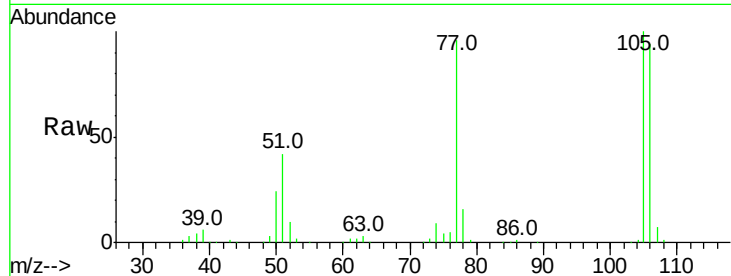
#9
Benzaldehyde
Concen: 19.21 ng
RT: 5.33 min Scan# 586
Delta R.T. -0.02 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :
PB98131BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.1	83.8	123.8
106	97.8	79.1	119.1

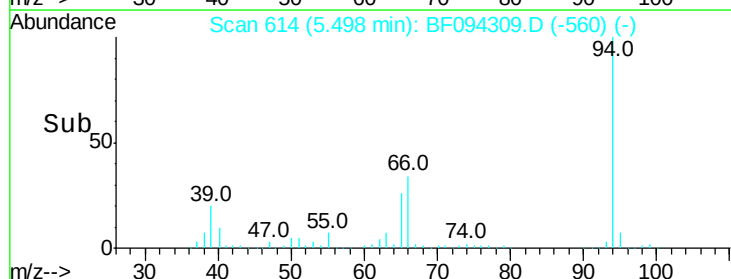
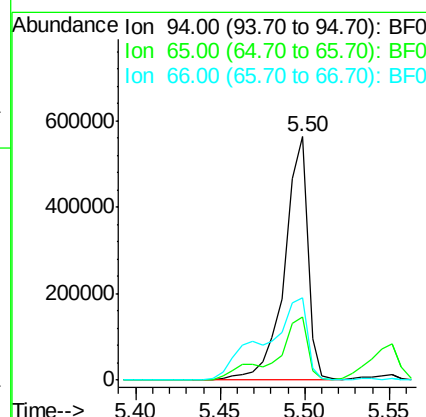
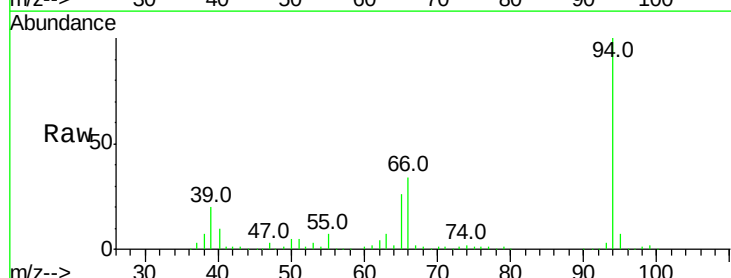
Manual Integrations
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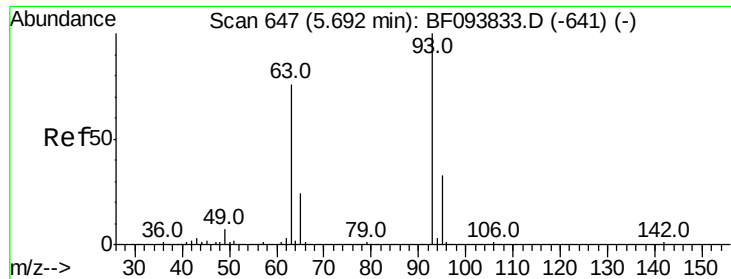
mohammad
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#10
Phenol
Concen: 39.69 ng
RT: 5.50 min Scan# 614
Delta R.T. 0.02 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.0	9.9	49.9
66	33.8	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 40.19 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

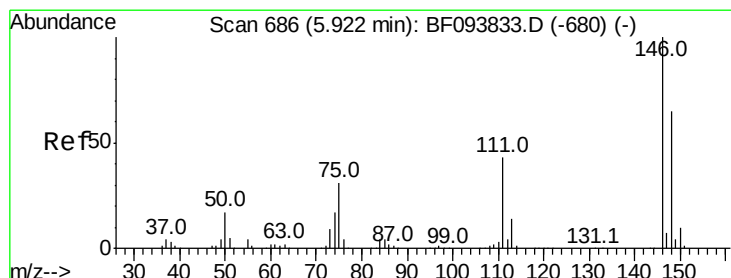
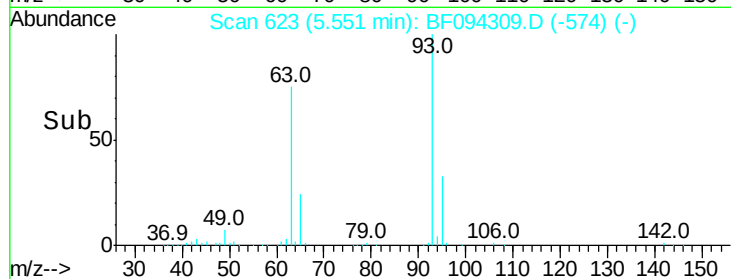
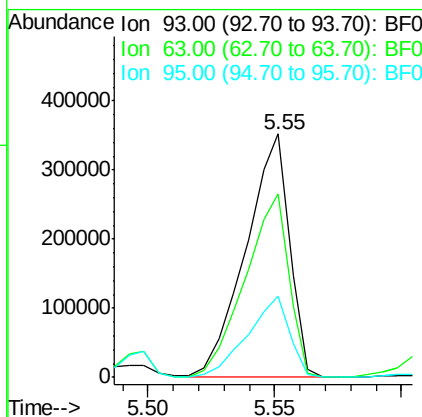
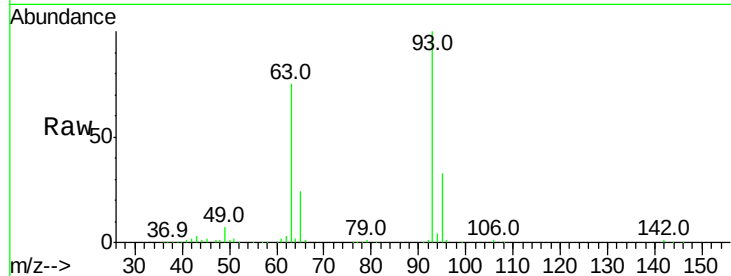
ClientSampleId :

PB98131BSD

Tot Ion:	93	Resp:	424241
Ion Ratio	Lower	Upper	
93	100		
63	75.3	59.2	99.2
95	33.2	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 40.56 ng

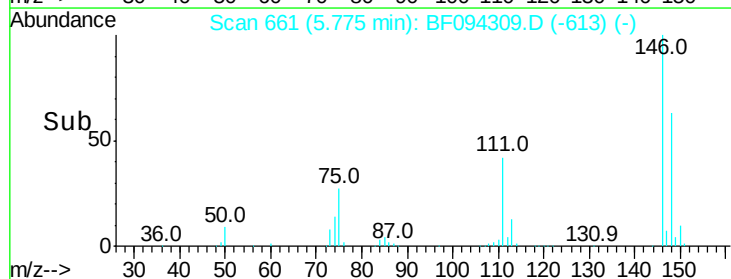
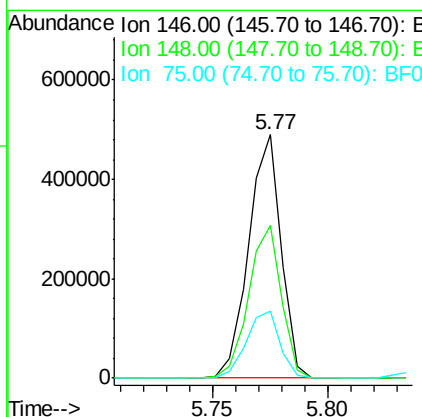
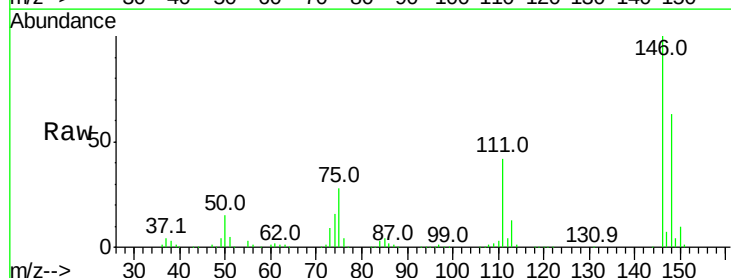
RT: 5.77 min Scan# 661

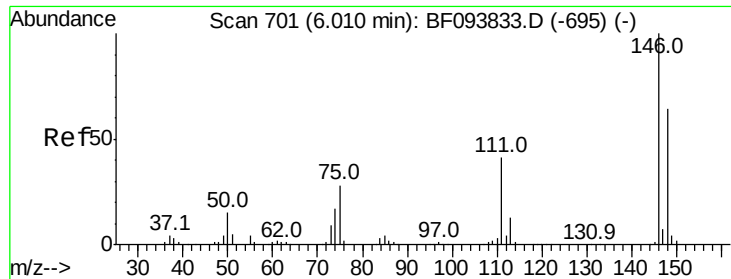
Delta R.T. -0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Tgt Ion:	146	Resp:	479805
Ion Ratio	Lower	Upper	
146	100		
148	62.6	51.8	77.6
75	27.6	23.1	34.7





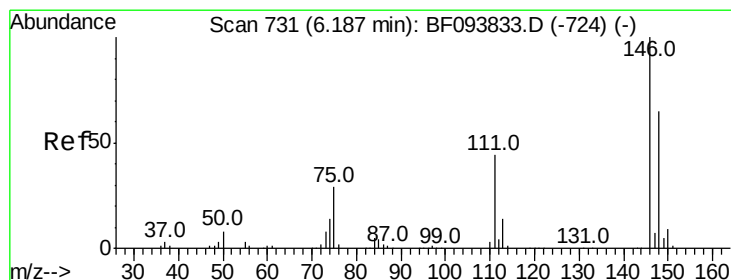
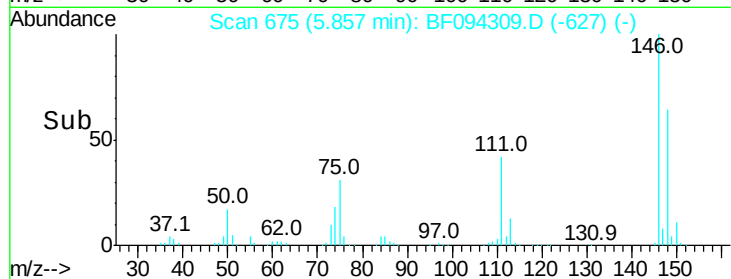
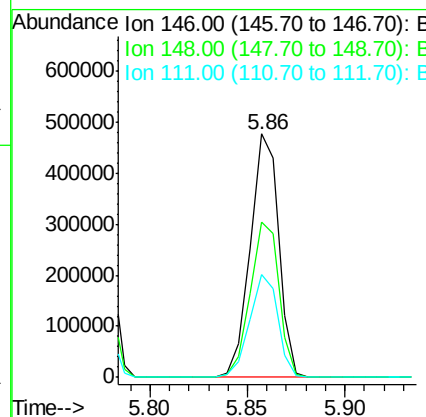
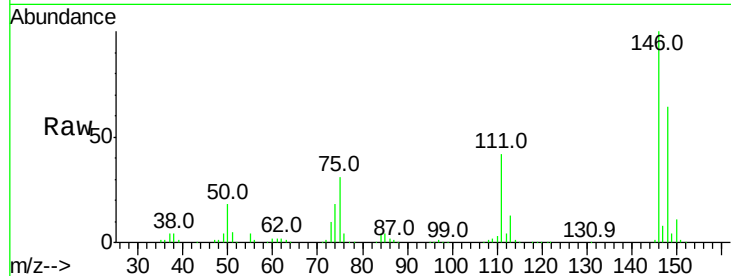
#13
 1,4-Dichlorobenzene
 Concen: 40.20 ng
 RT: 5.86 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98131BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.2
111	42.1	30.3	45.5

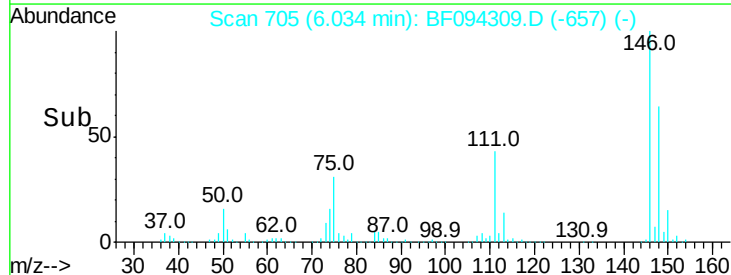
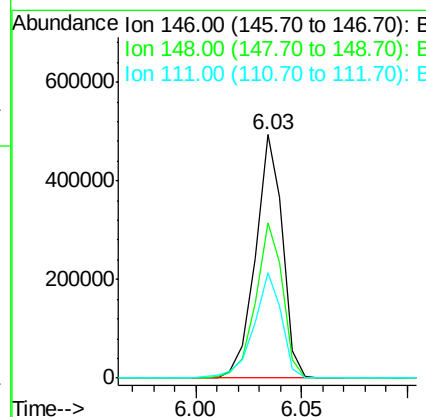
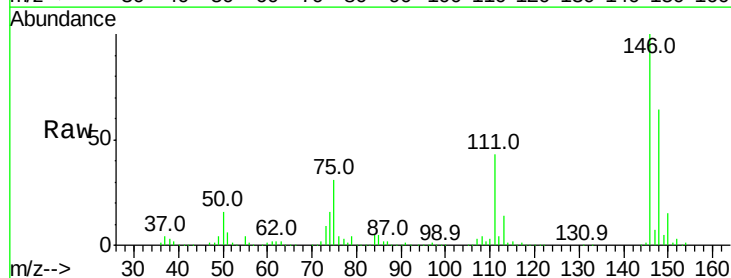
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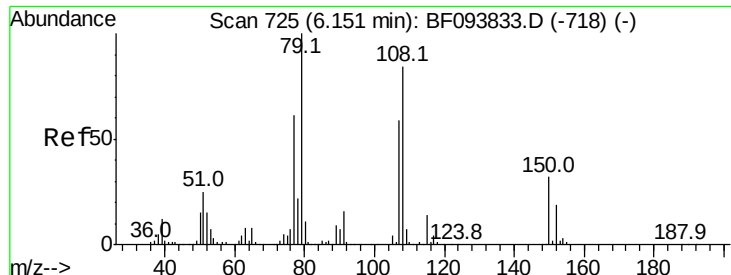
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.80 ng
 RT: 6.03 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	43.2	38.2	57.4





#15

Benzyl Alcohol

Concen: 38.44 ng

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

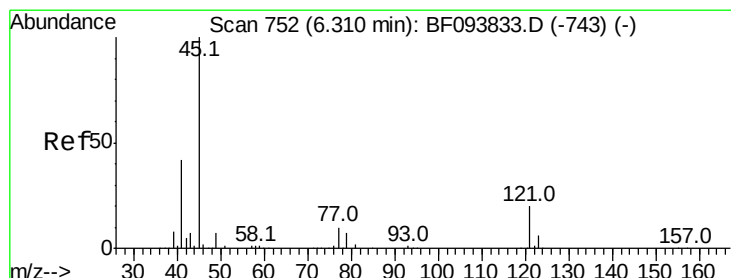
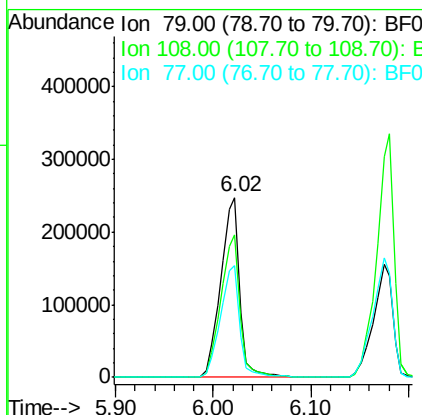
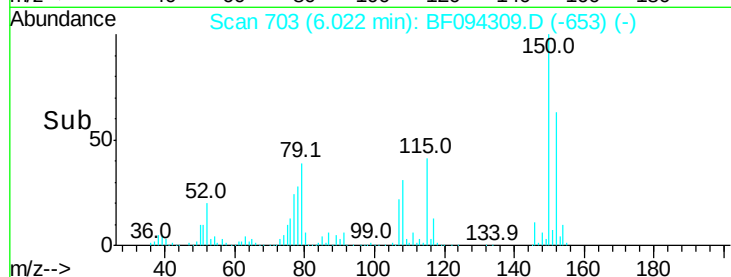
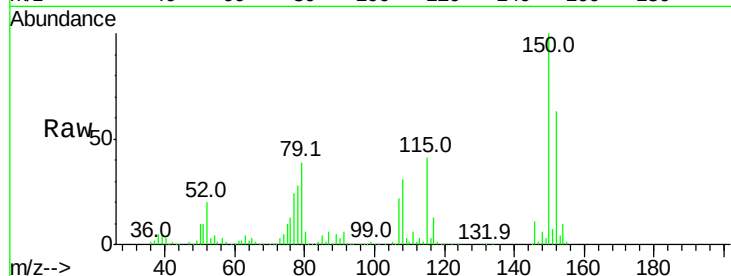
ClientSampleId :

PB98131BSD

Tot Ion:	79	Resp:	333947
Ion Ratio	Lower	Upper	
79	100		
108	79.0	63.4	95.0
77	62.1	49.2	73.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.79 ng

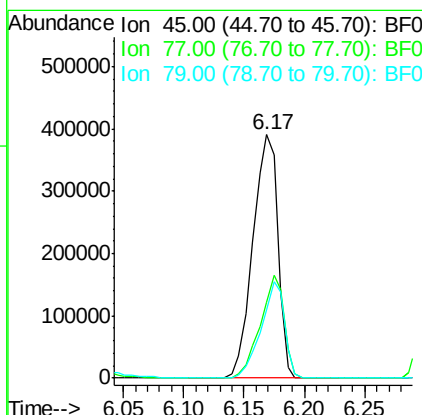
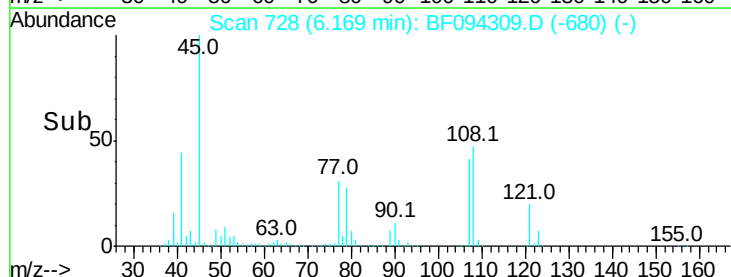
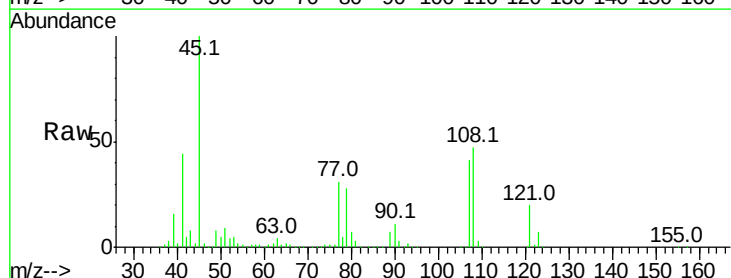
RT: 6.17 min Scan# 728

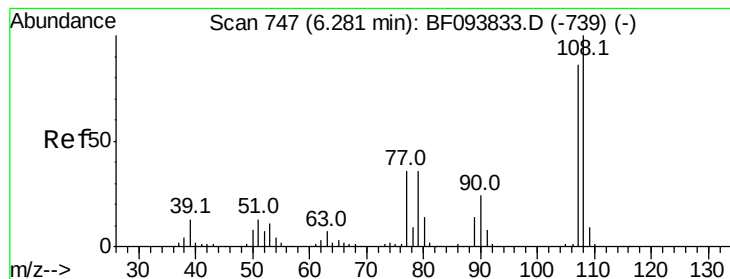
Delta R.T. -0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Tgt Ion:	45	Resp:	565831
Ion Ratio	Lower	Upper	
45	100		
77	31.2	0.0	33.2
79	28.2	0.0	30.0





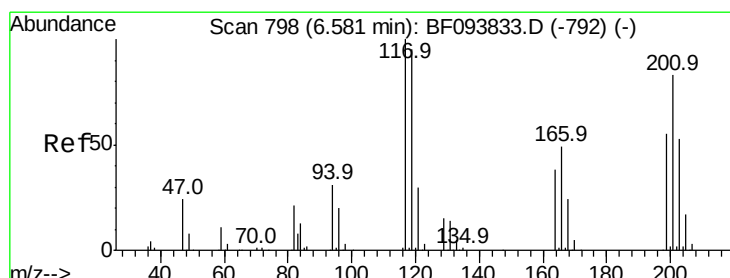
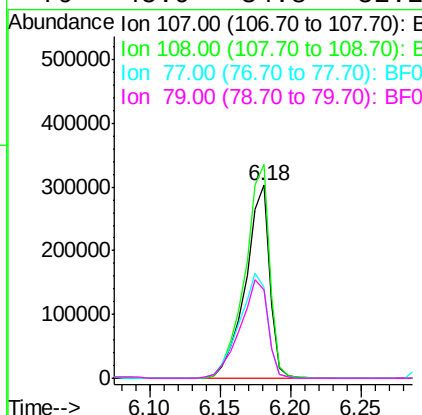
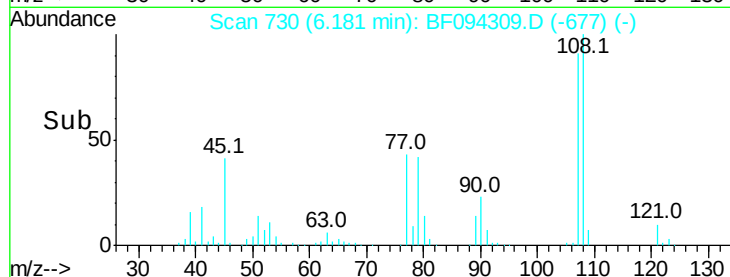
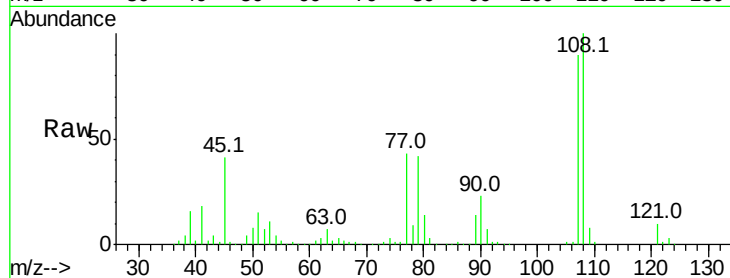
#17
2-Methylphenol
Concen: 40.18 ng
RT: 6.18 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :
PB98131BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	93.4	140.0	
77	47.1	35.8	53.6	
79	45.9	34.8	52.2	

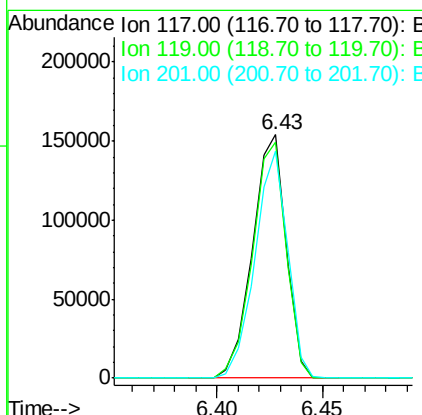
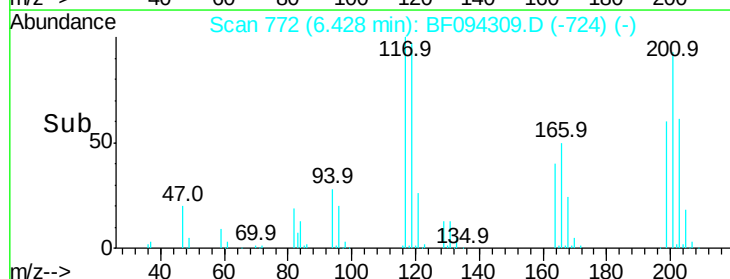
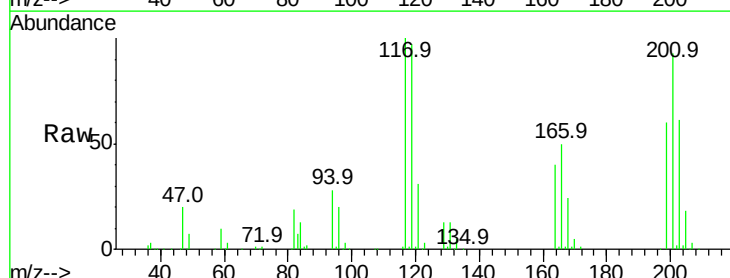
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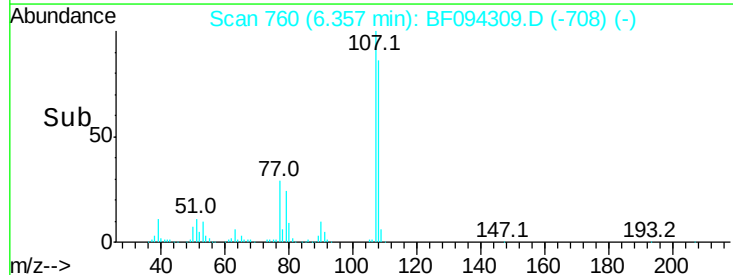
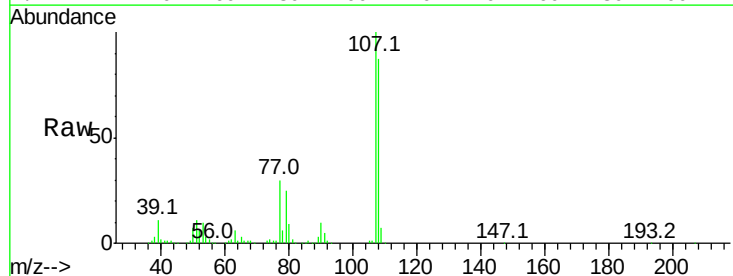
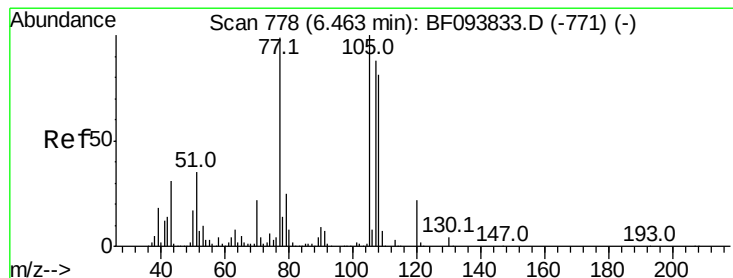
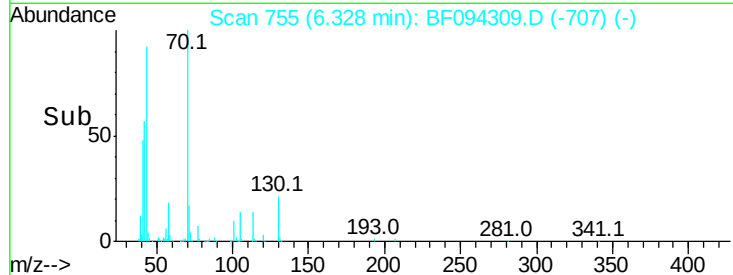
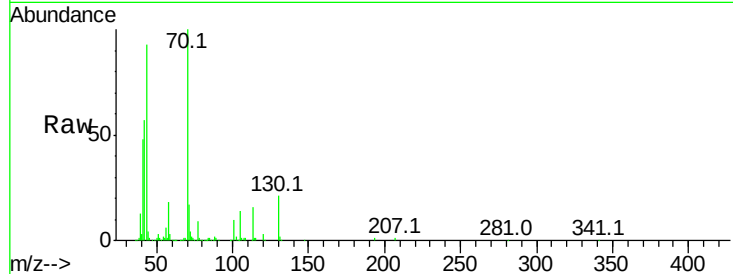
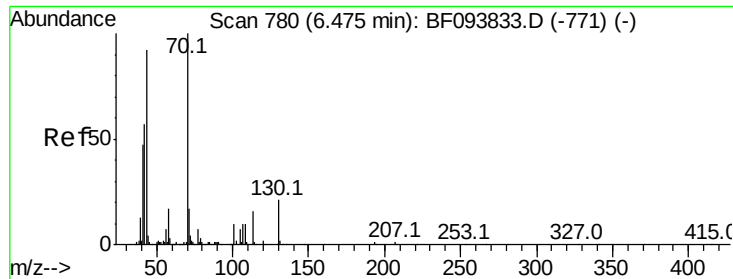
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#18
Hexachloroethane
Concen: 40.46 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	77.4	116.0	
201	93.0	94.6	141.8#	





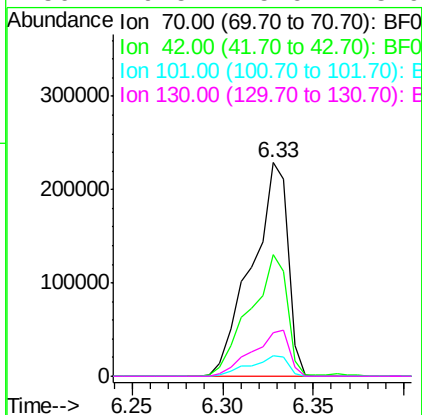
#19
n-Nitroso-di-n-propylamine
Concen: 41.78 ng
RT: 6.33 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :
PB98131BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.2	47.2	70.8	
101	9.9	7.2	10.8	
130	20.5	15.9	23.9	

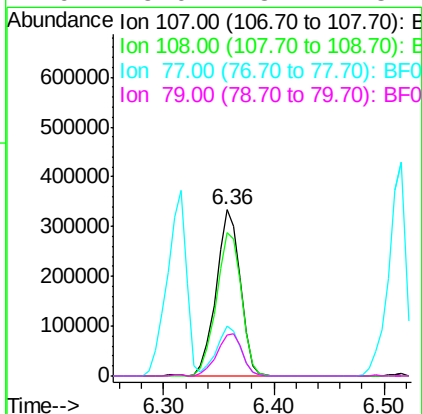
Manual Integrations
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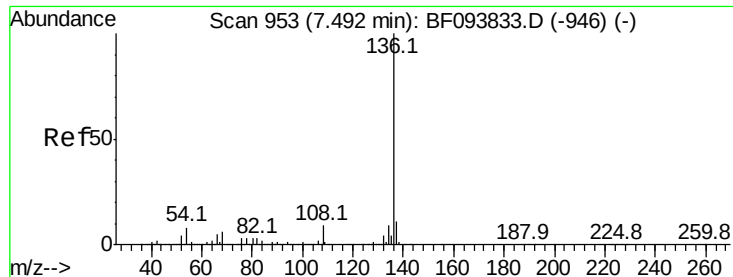
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#20
3+4-Methylphenols
Concen: 46.30 ng
RT: 6.36 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.7	71.0	111.0	
77	30.2	90.5	130.5#	
79	25.0	8.4	48.4	





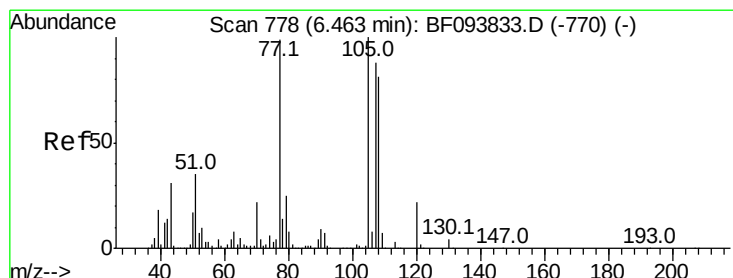
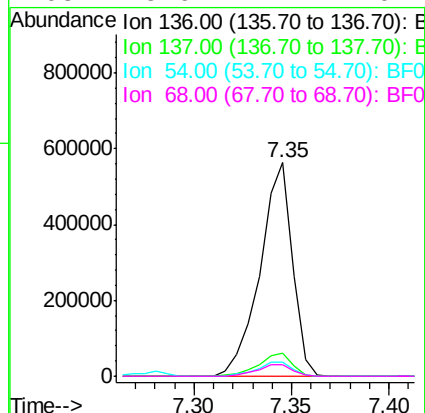
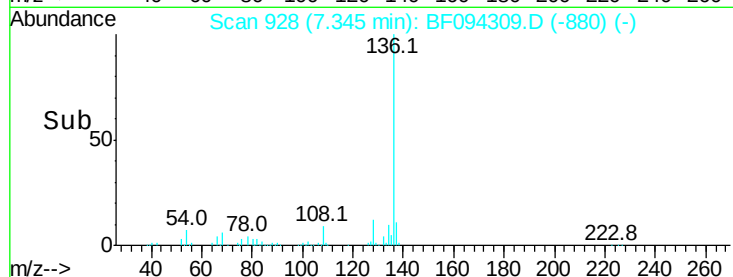
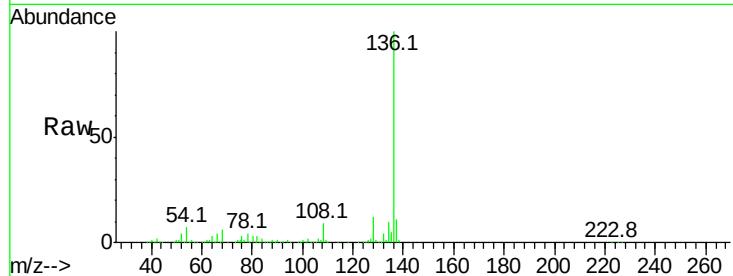
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.35 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :
PB98131BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	646642		
137	10.9		8.5	12.7
54	6.8		4.9	7.3
68	5.6		4.1	6.1

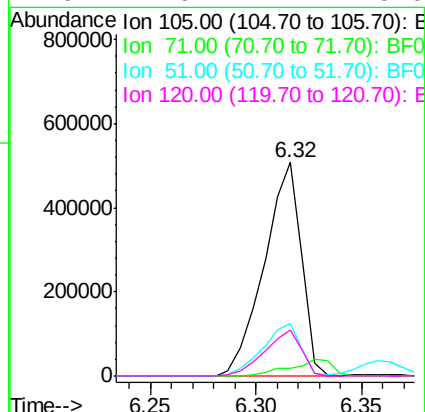
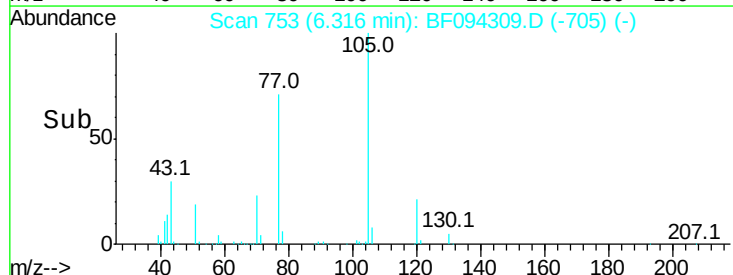
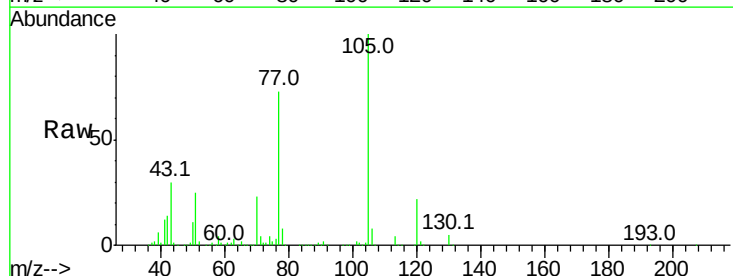
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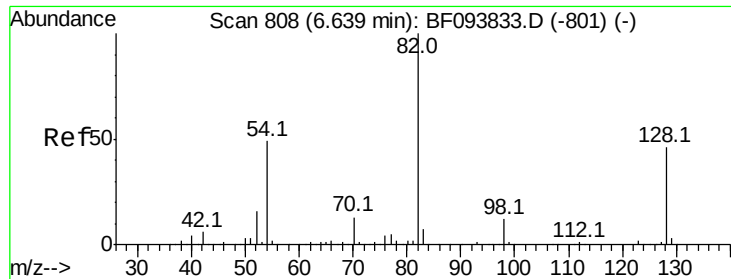
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#22
Acetophenone
Concen: 42.86 ng
RT: 6.32 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	617728		
71	3.8		2.8	4.2
51	24.6		30.7	46.1#
120	21.6		17.4	26.0





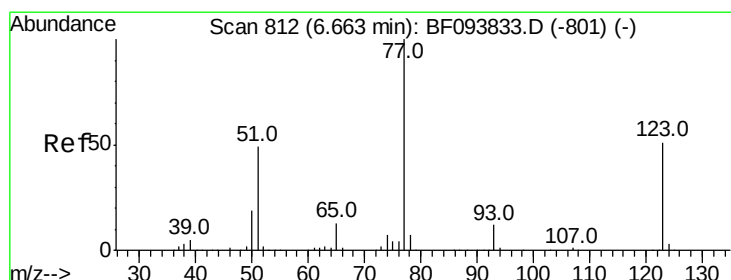
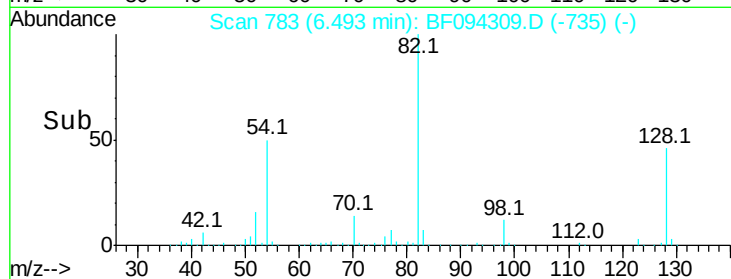
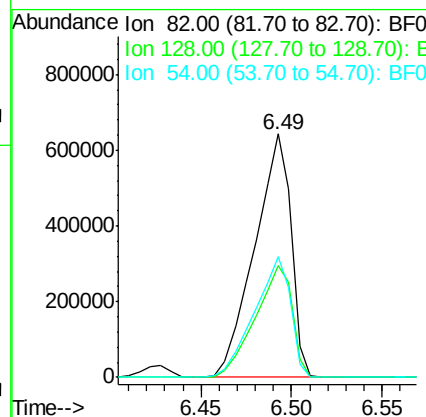
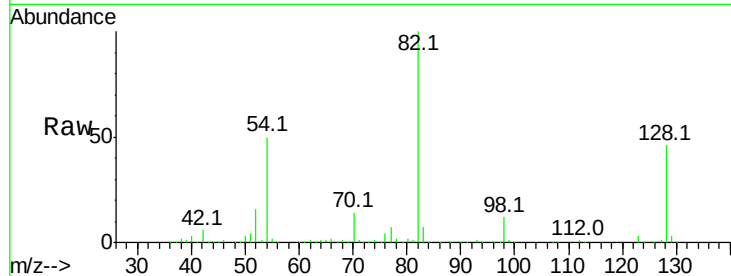
#23
Nitrobenzene-d5
Concen: 79.18 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :
PB98131BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	49.6	42.2	63.2

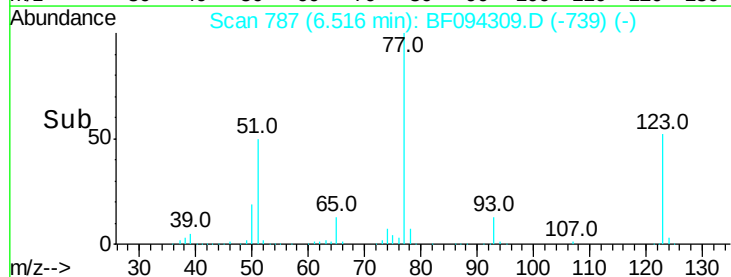
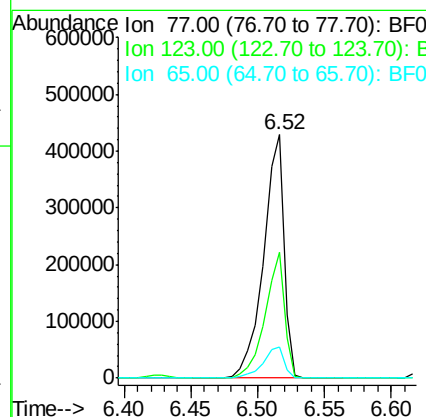
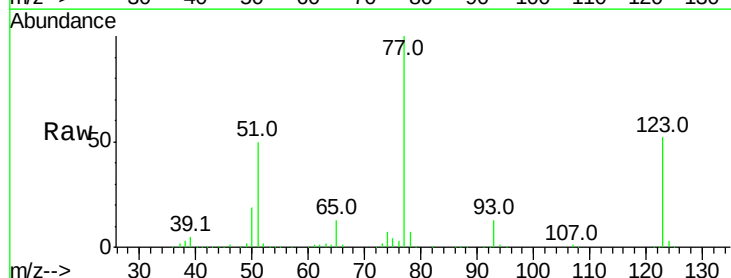
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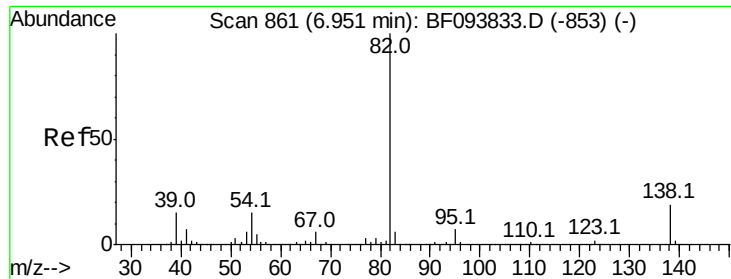
mohammad
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#24
Nitrobenzene
Concen: 40.37 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.7	35.8	53.8
65	13.0	10.6	15.8





#25

Isophorone

Concen: 40.41 ng

RT: 6.80 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

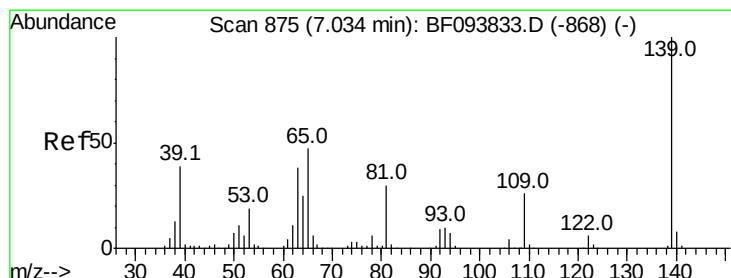
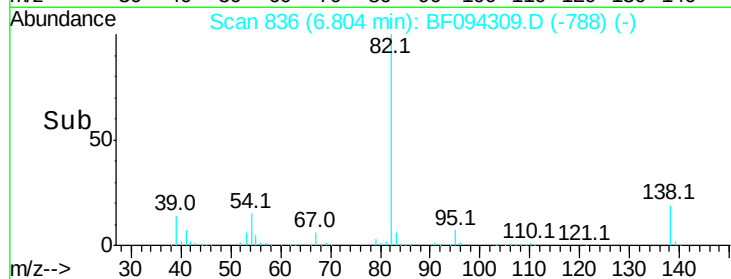
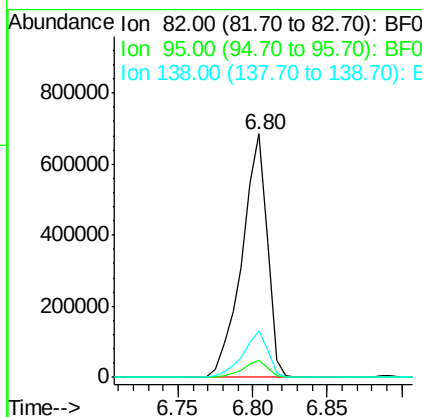
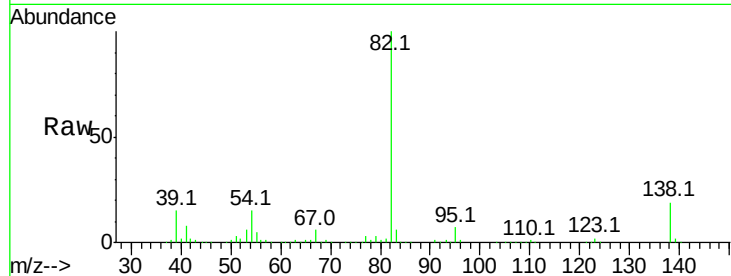
ClientSampleId :

PB98131BSD

Tot Ion:	82	Resp:	804484
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	19.0	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.25 ng

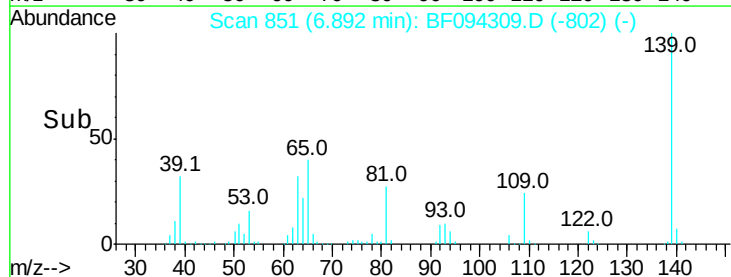
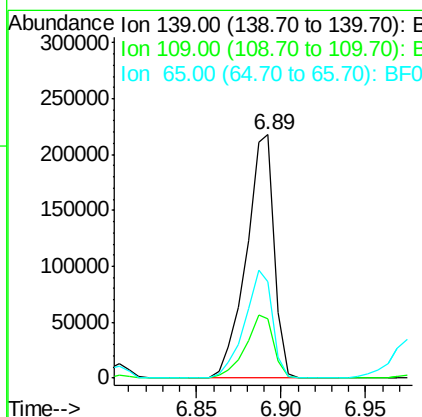
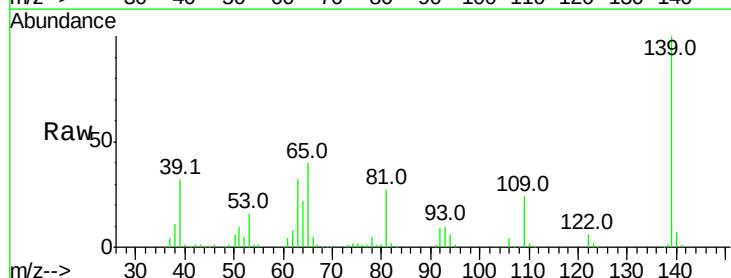
RT: 6.89 min Scan# 851

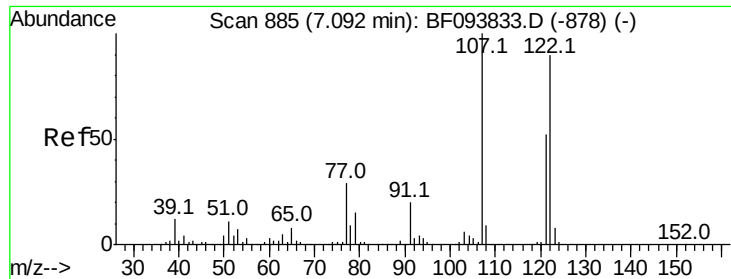
Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Tgt Ion:	139	Resp:	251796
Ion Ratio	Lower	Upper	
139	100		
109	24.2	21.0	31.6
65	39.7	33.0	49.6





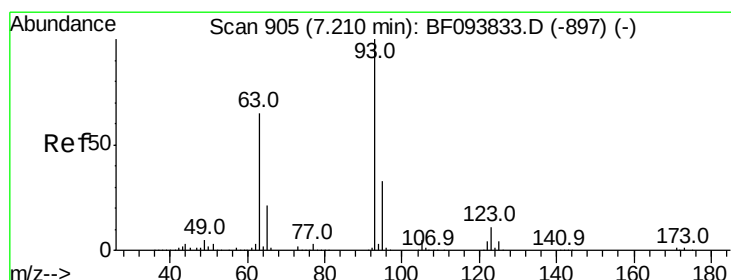
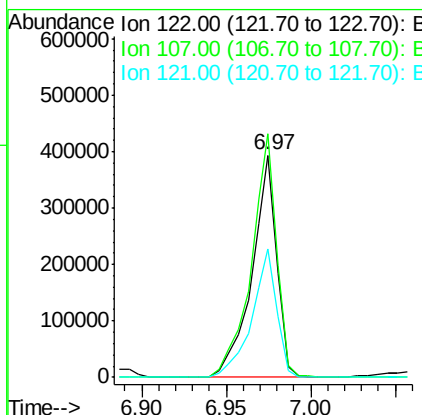
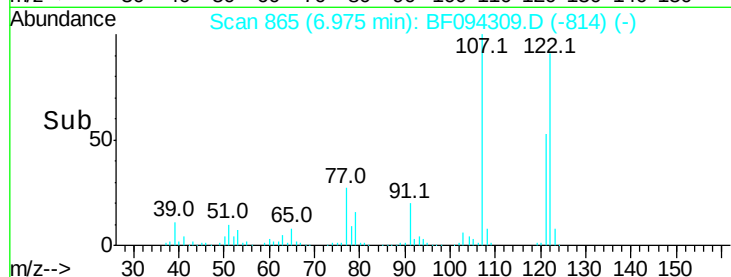
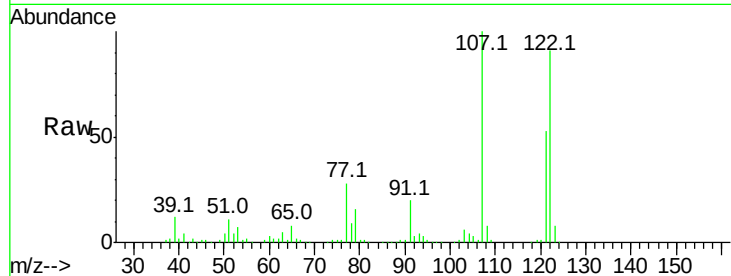
#27
2,4-Dimethylphenol
Concen: 44.10 ng
RT: 6.97 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :
PB98131BSD

Tot Ion:	122	Resp:	404990
Ion Ratio	Lower	Upper	
122	100		
107	109.6	89.2	133.8
121	58.0	45.2	67.8

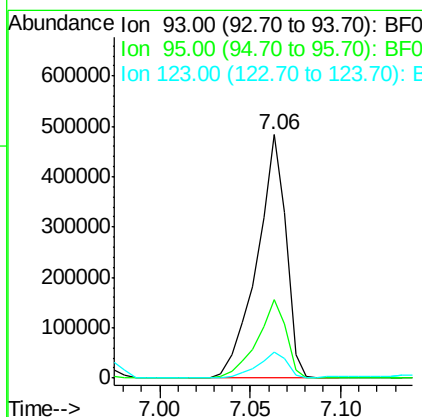
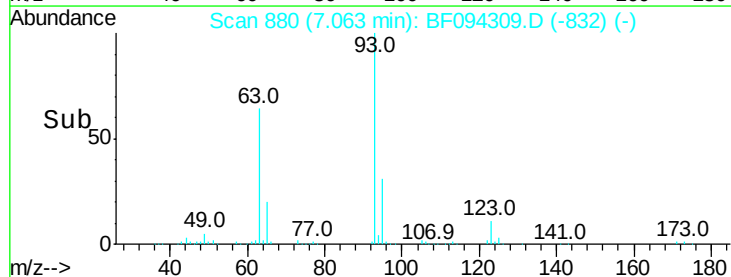
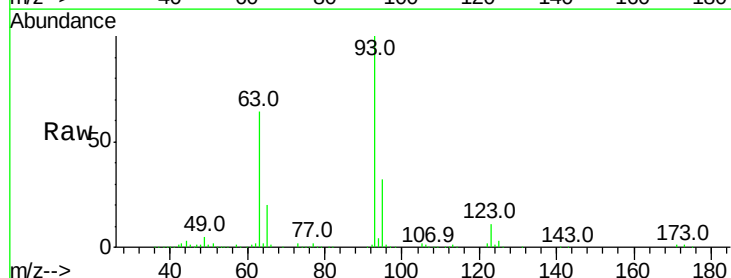
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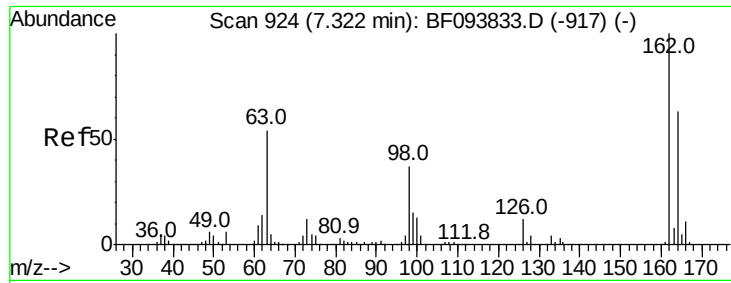
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#28
bis(2-Chloroethoxy)methane
Concen: 40.96 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion:	93	Resp:	537835
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.5	39.7
123	10.9	9.0	13.4





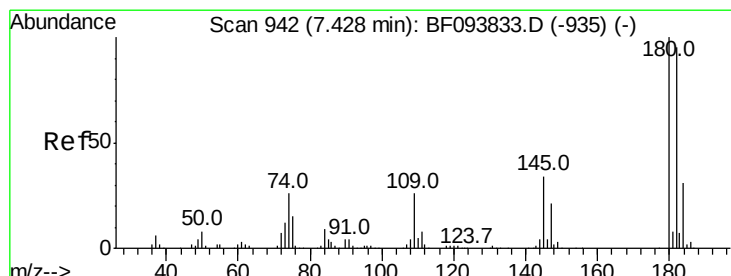
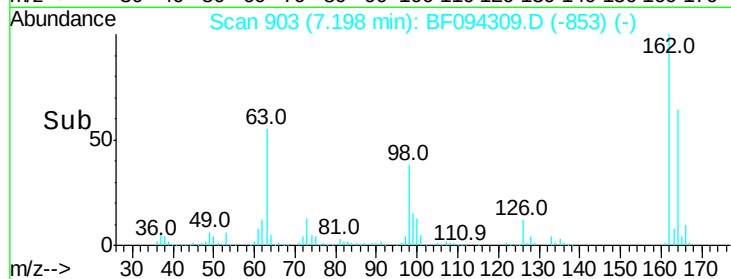
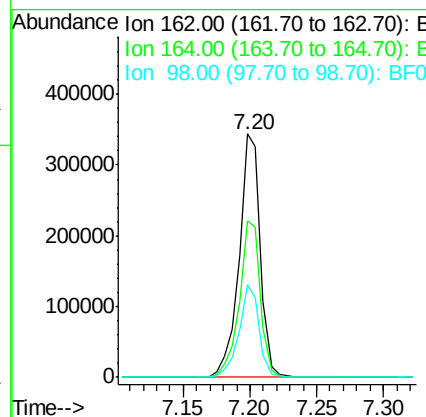
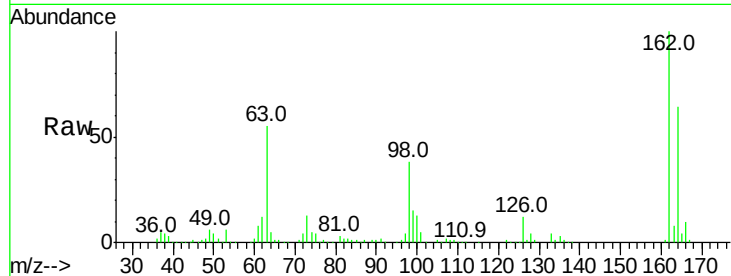
#29
 2,4-Dichlorophenol
 Concen: 44.33 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98131BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	380590		
164	64.3	44.6	84.6	
98	38.2	14.8	54.8	

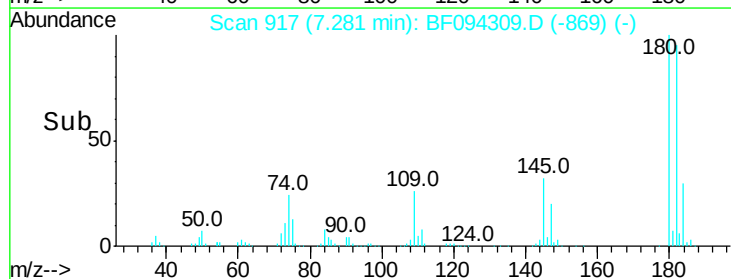
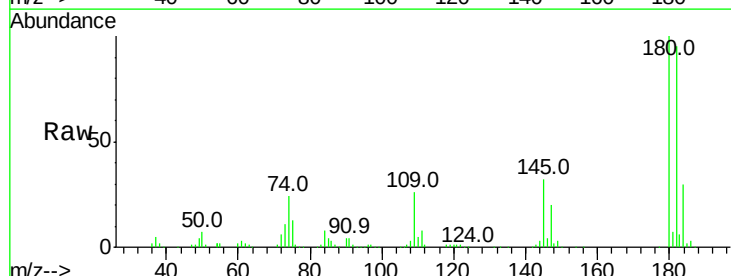
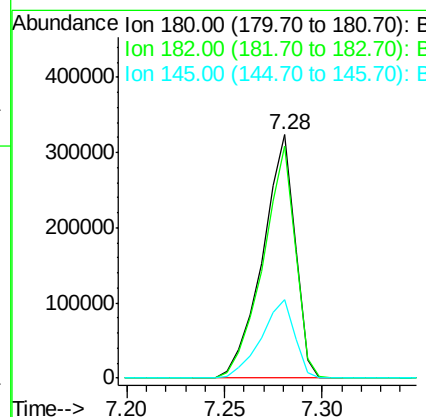
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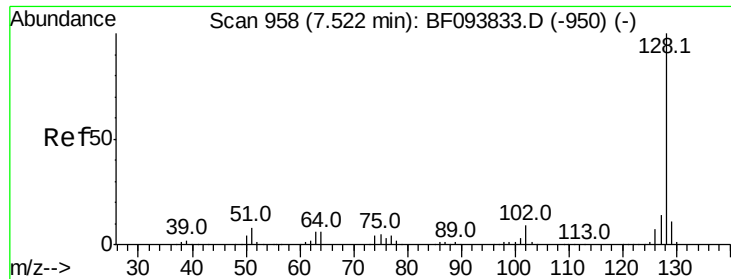
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.27 ng
 RT: 7.28 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	373825		
182	95.2	75.8	113.6	
145	32.3	25.3	37.9	





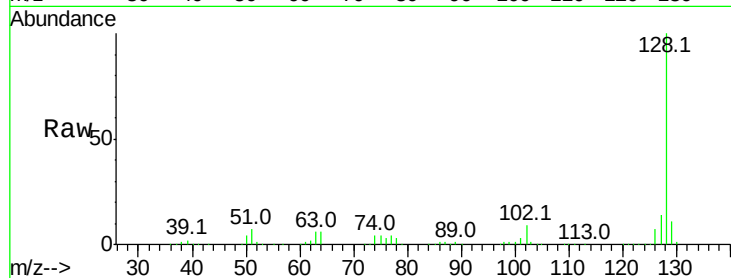
#31
Naphthalene
Concen: 40.36 ng
RT: 7.37 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :
PB98131BSD

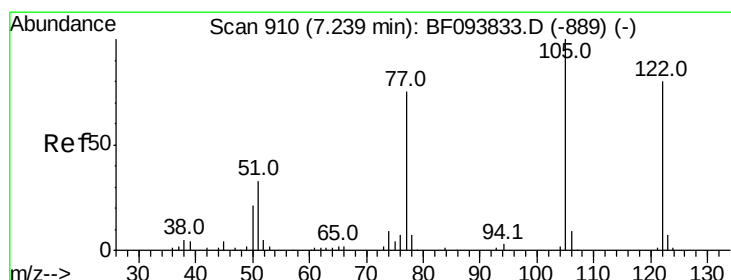
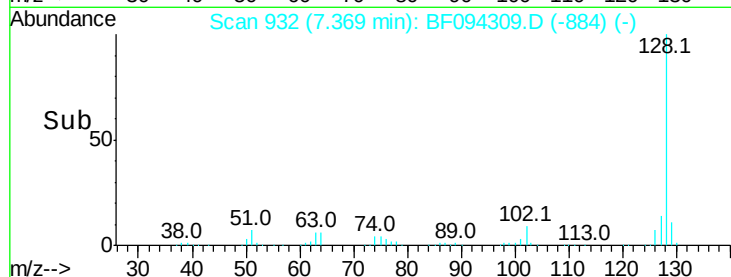
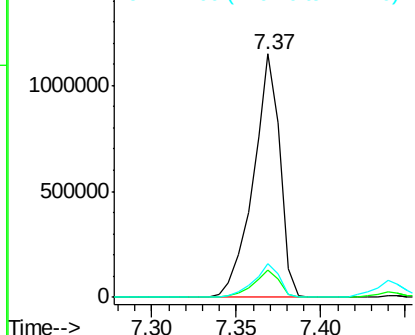
Tot Ion:128 Resp: 1254908
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.6 10.8 16.2

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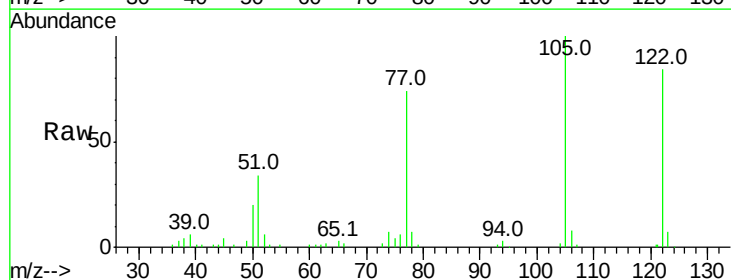


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

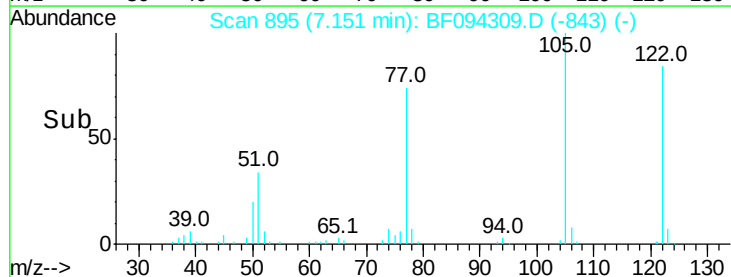
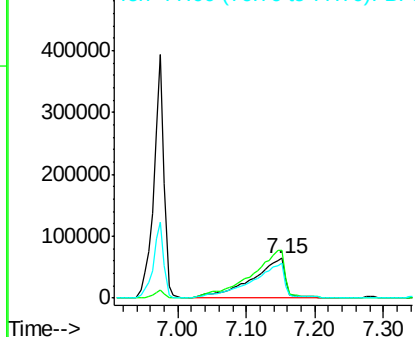


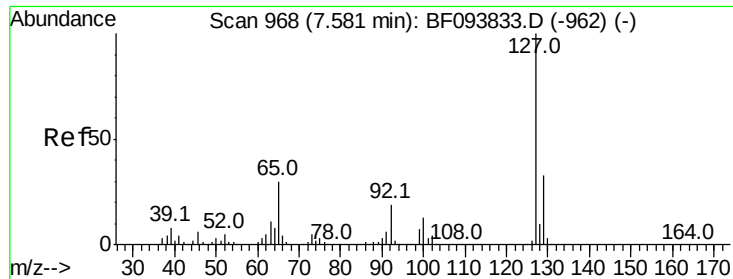
#32
Benzoic acid
Concen: 35.04 ng
RT: 7.15 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion:122 Resp: 214194
Ion Ratio Lower Upper
122 100
105 119.7 103.3 143.3
77 88.7 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





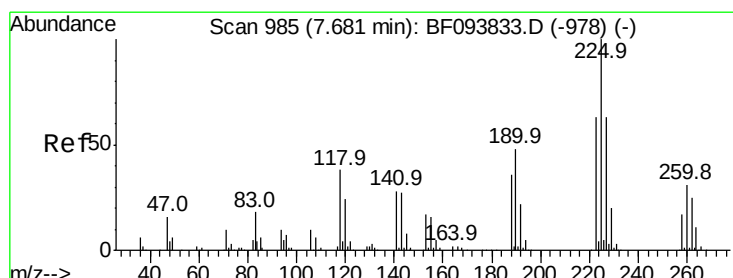
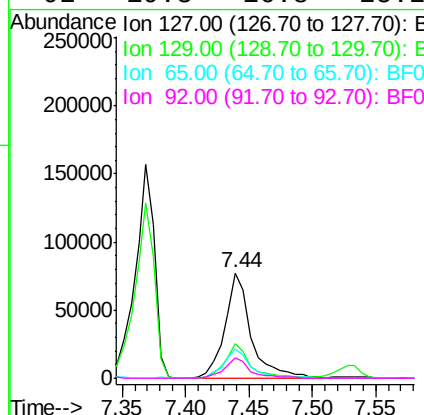
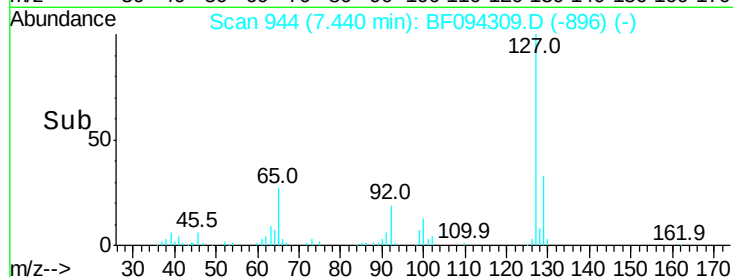
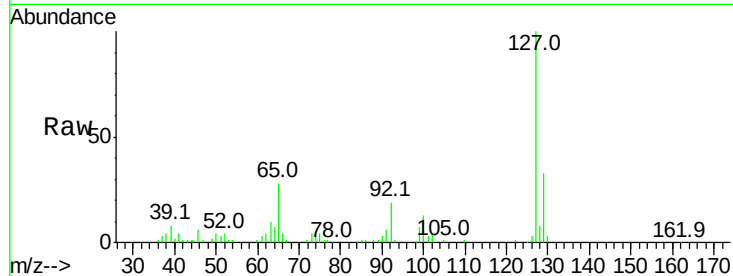
#33
4-Chloroaniline
Concen: 8.80 ng
RT: 7.44 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :
PB98131BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	26.2	39.2	
65	27.5	27.8	41.8	
92	19.3	16.8	25.2	

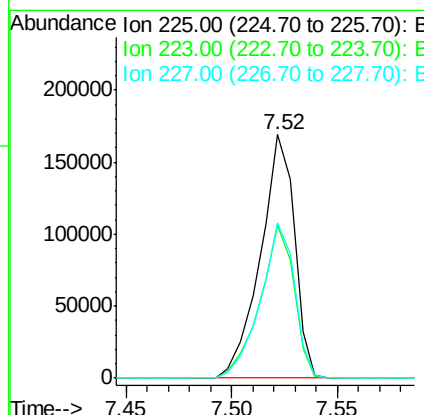
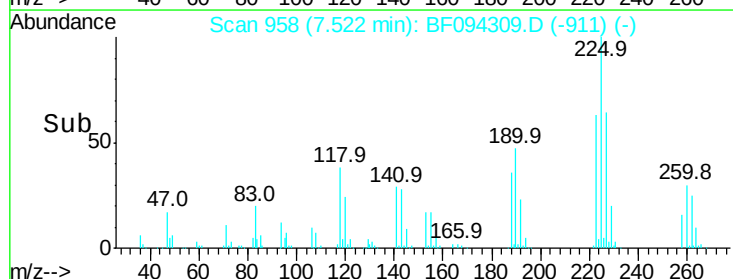
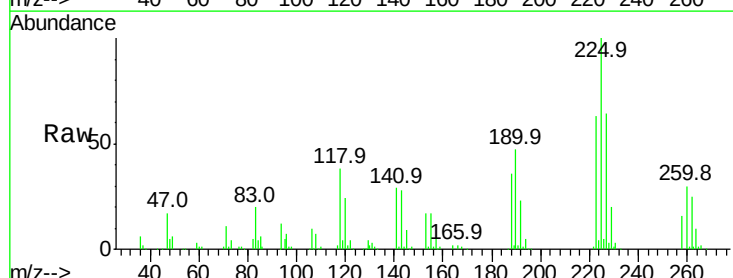
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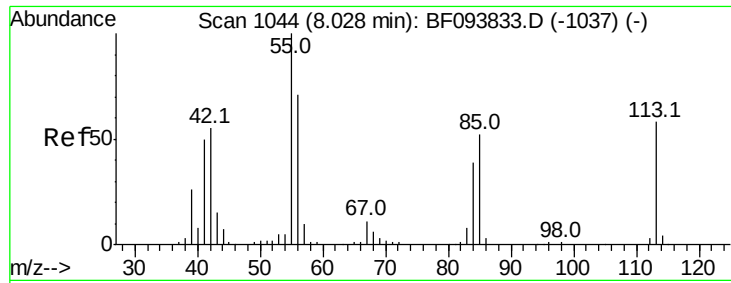
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#34
Hexachlorobutadiene
Concen: 41.86 ng
RT: 7.52 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	48.8	73.2	
227	63.8	51.1	76.7	





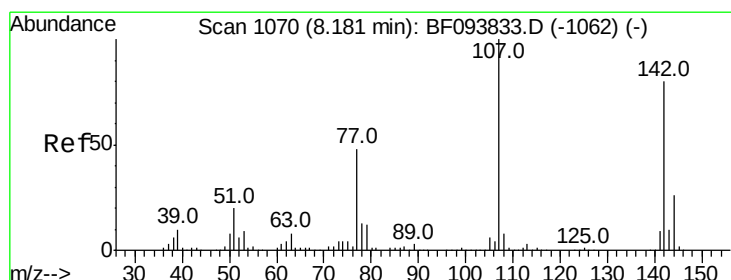
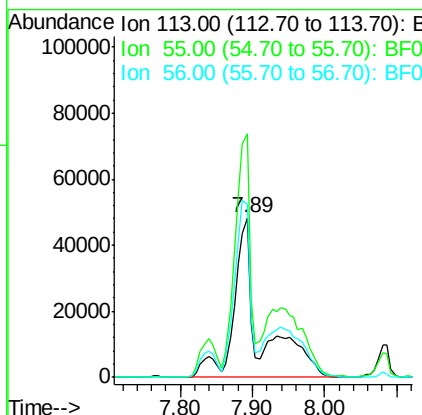
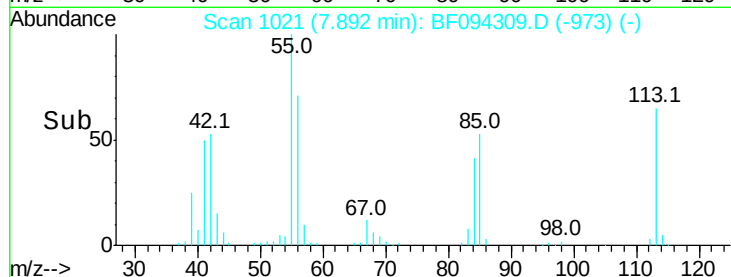
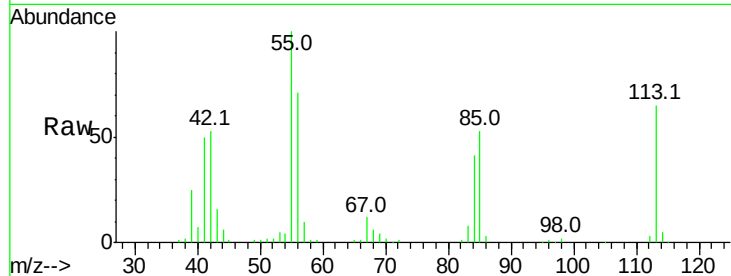
#35
 Caprolactam
 Concen: 44.96 ng/ml
 RT: 7.89 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Instrument :
 BNA_F
 ClientSampleID :
 PB98131BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.0	150.2	190.2
56	108.7	107.8	147.8

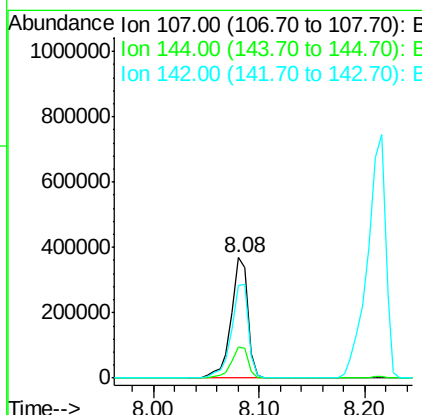
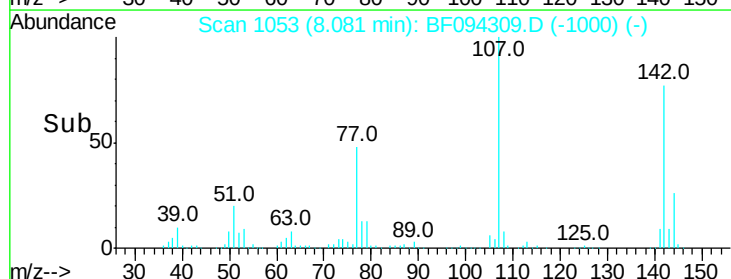
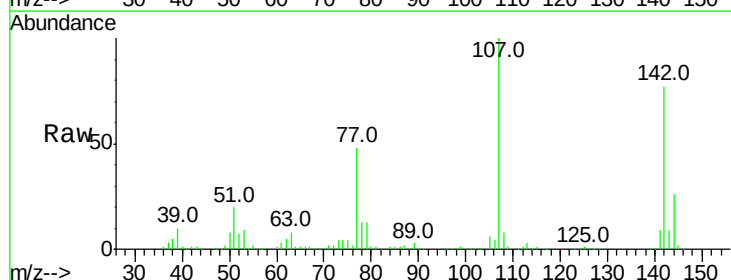
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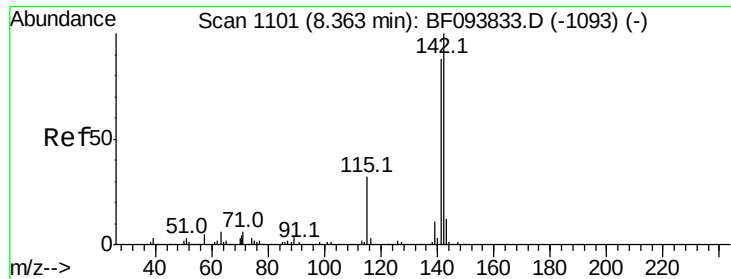
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#36
 4-Chloro-3-methylphenol
 Concen: 44.53 ng/ml
 RT: 8.08 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	24.2	36.4
142	77.4	73.4	110.0





#37

2-Methylnaphthalene

Concen: 42.87 ng

RT: 8.22 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

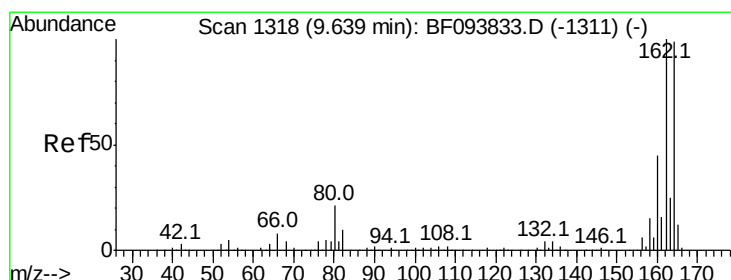
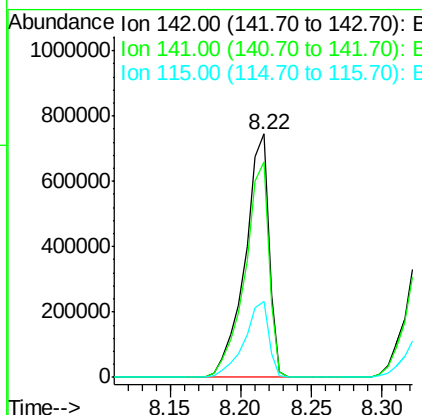
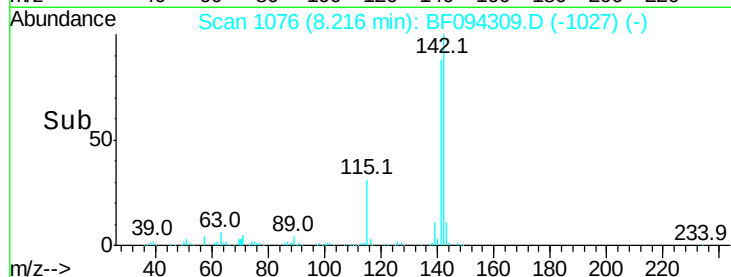
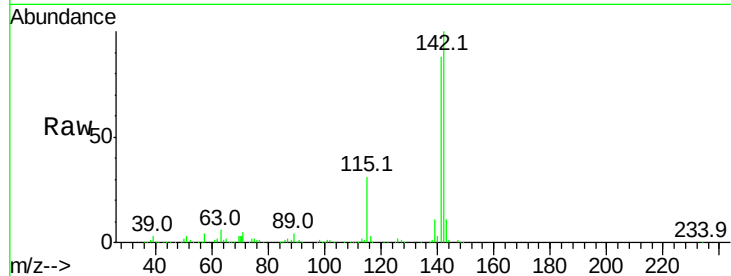
Instrument :
BNA_F

ClientSampleId :
PB98131BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	888605		
141	88.5	71.3	106.9	
115	31.1	27.1	40.7	

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#38

Acenaphthene-d10

Concen: 20.00 ng

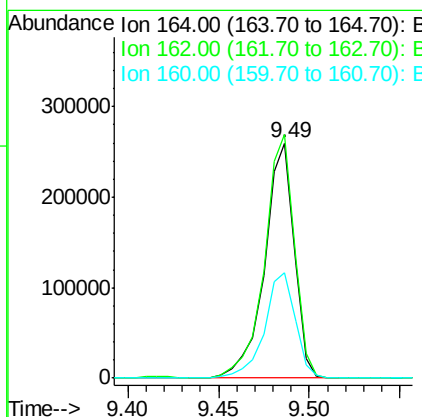
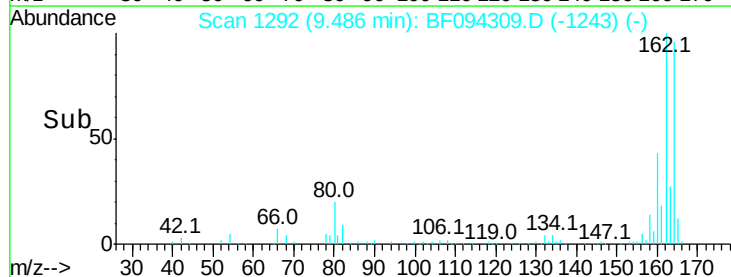
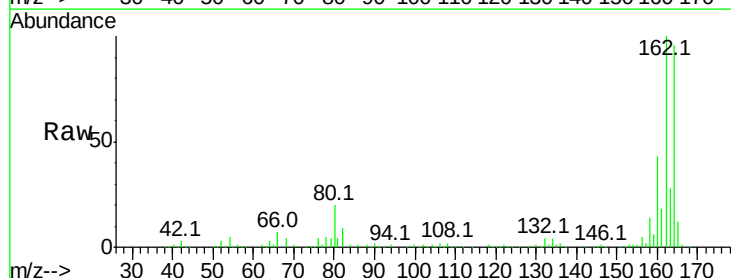
RT: 9.49 min Scan# 1292

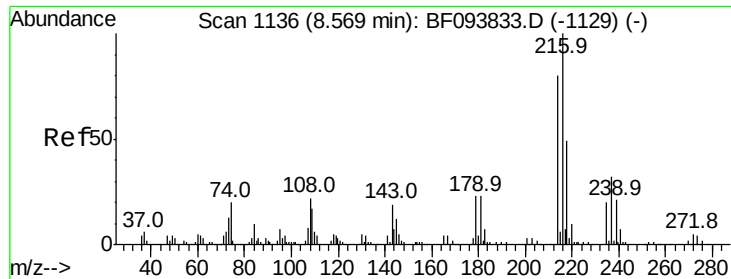
Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	293929		
162	103.7	82.6	123.8	
160	45.0	36.2	54.2	





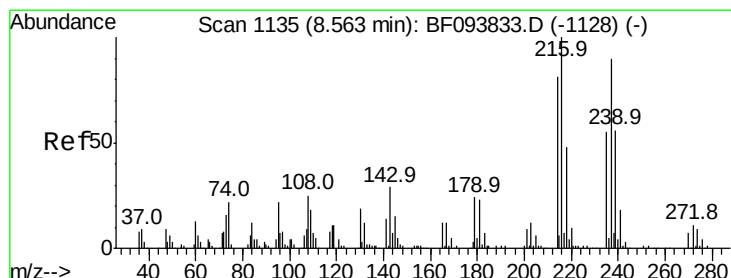
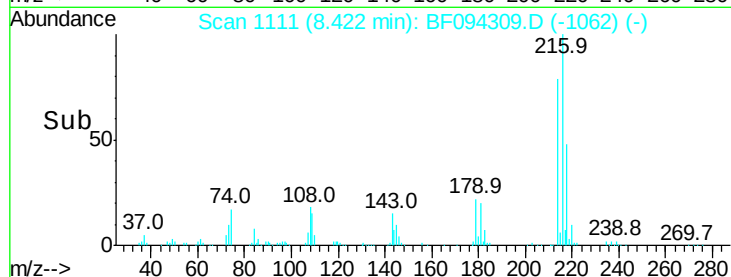
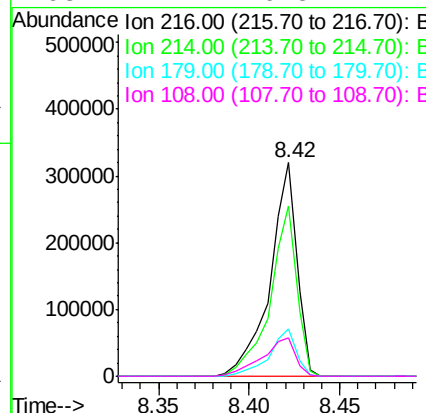
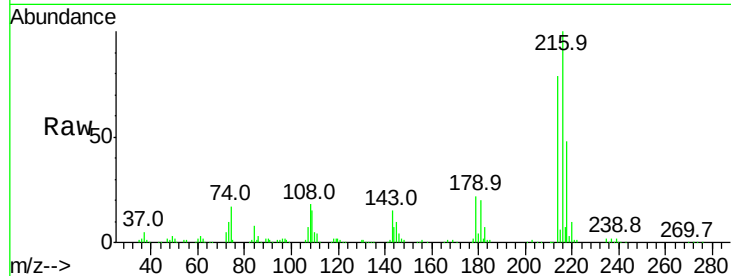
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.94 ng
 RT: 8.42 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98131BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	329168		
214	78.8	63.4	95.2	
179	22.2	17.9	26.9	
108	22.4	16.5	24.7	

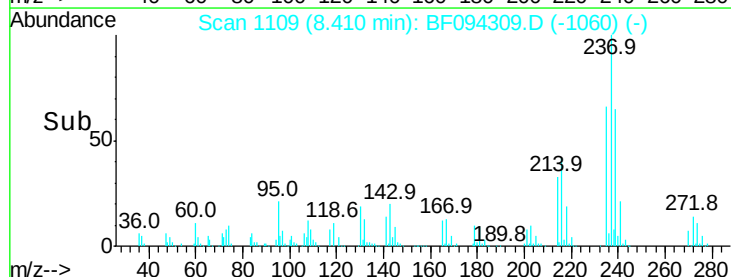
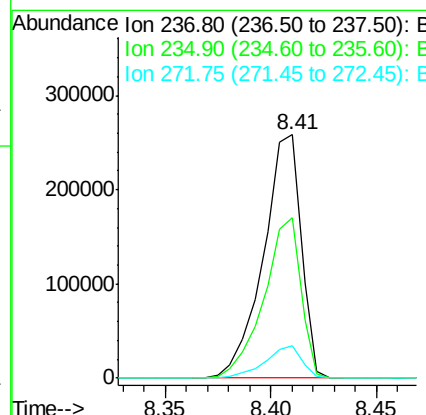
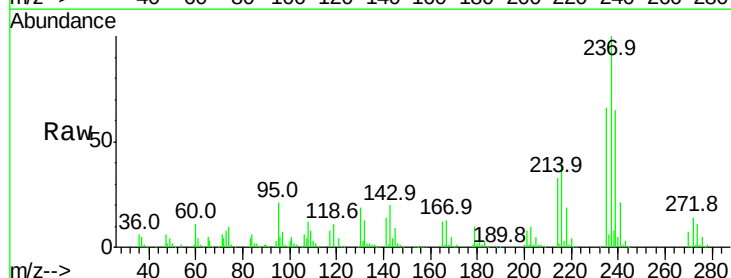
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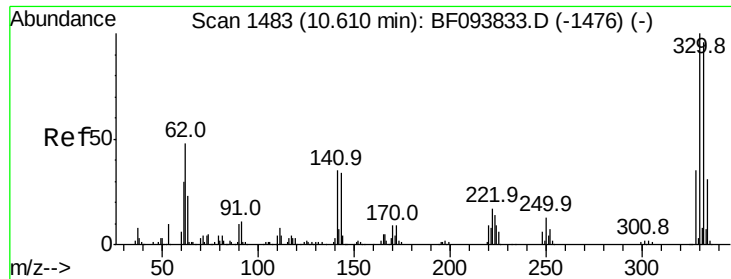
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#40
 Hexachlorocyclopentadiene
 Concen: 85.72 ng
 RT: 8.41 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	322543		
235	65.7	42.6	82.6	
272	13.6	0.0	31.9	





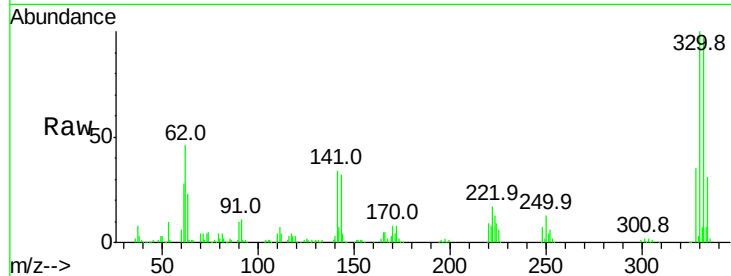
#41
 2,4,6-Tribromophenol
 Concen: 132.41 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98131BSD

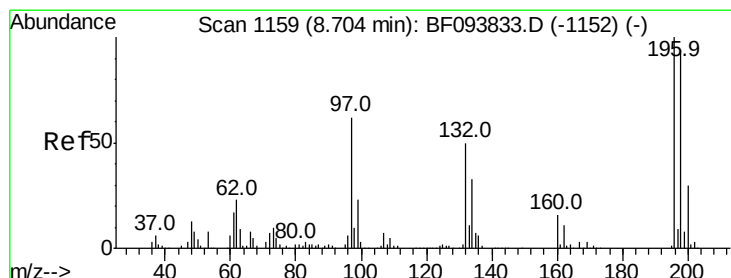
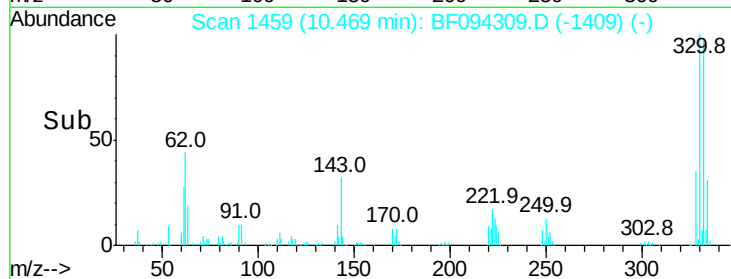
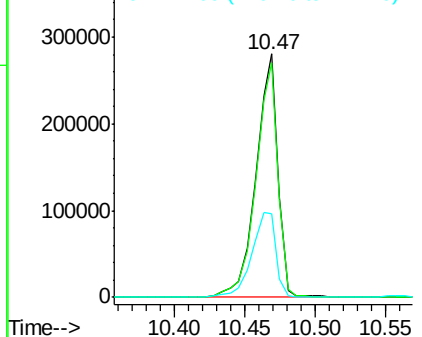
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.4	76.6	115.0	
141	38.8	31.4	47.2	

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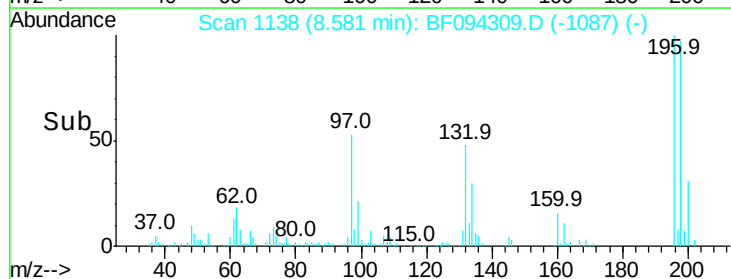
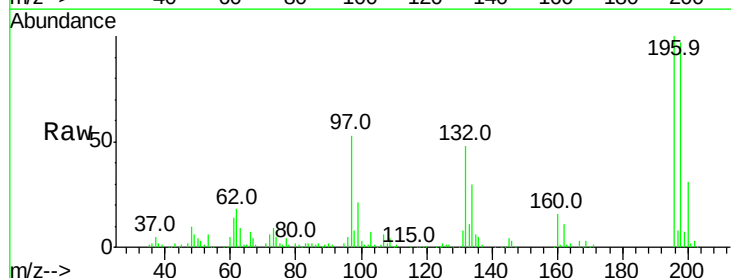
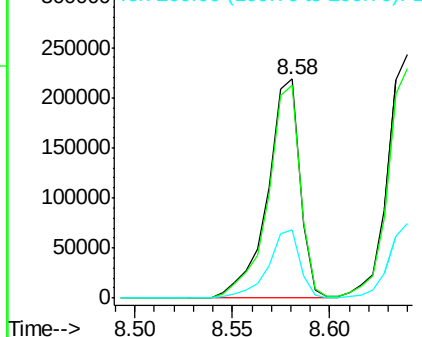
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

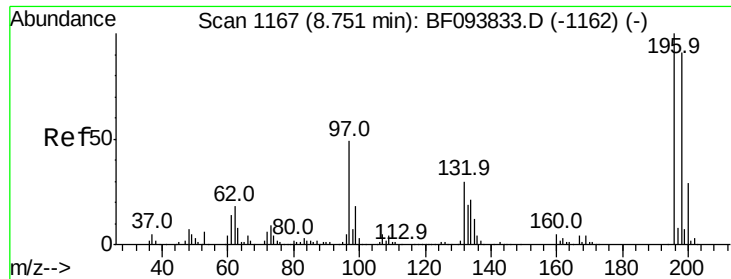


#42
 2,4,6-Trichlorophenol
 Concen: 44.72 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.1	74.2	111.4	
200	31.0	24.0	36.0	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





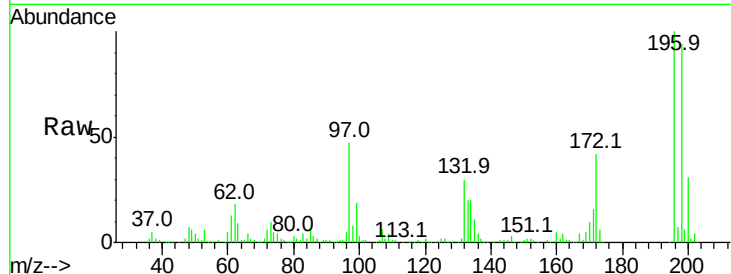
#43
 2,4,5-Trichlorophenol
 Concen: 41.96 ng
 RT: 8.64 min Scan# 1148
 Delta R.T. 0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98131BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	258268		
198	94.1	75.7	113.5	
97	47.1	47.7	71.5#	
132	30.1	28.0	42.0	

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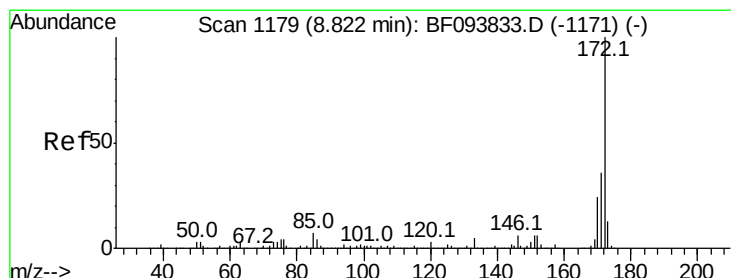
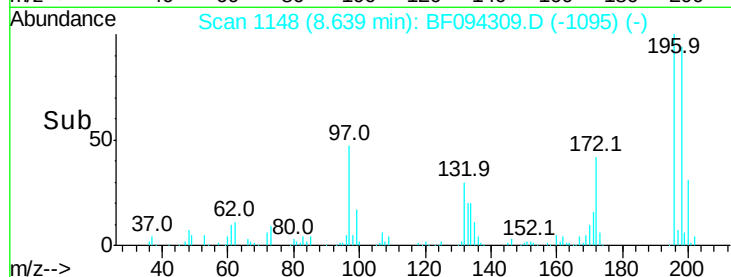
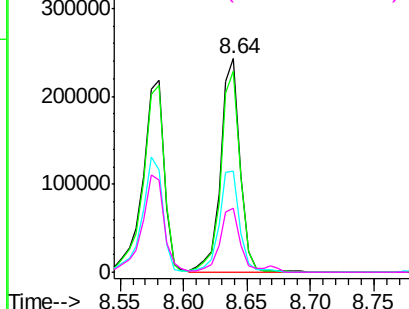
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.89 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

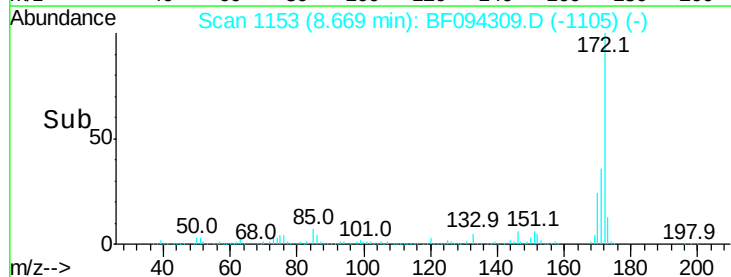
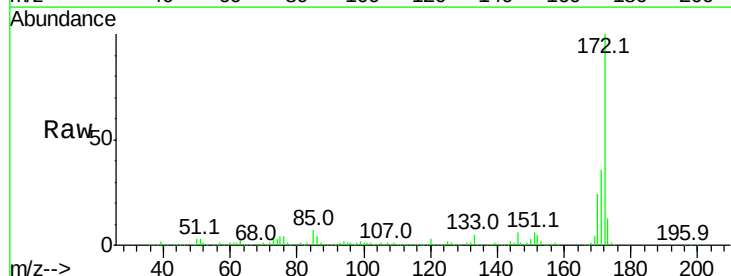
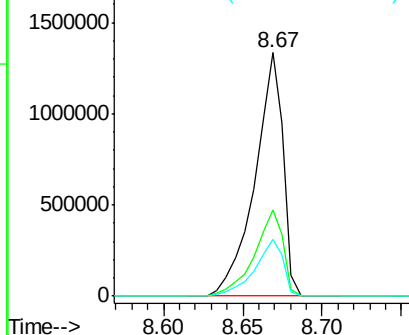
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1655241		
171	35.5	29.6	44.4	
170	23.5	19.8	29.8	

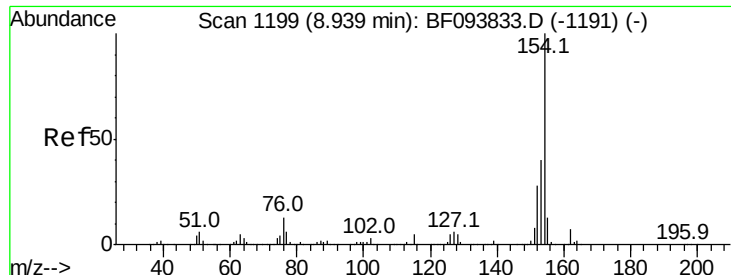
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.95 ng

RT: 8.79 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

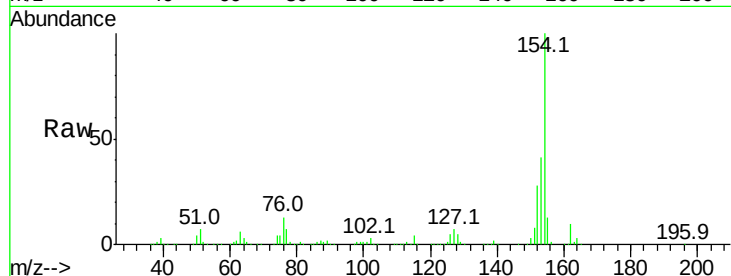
ClientSampleId :

PB98131BSD

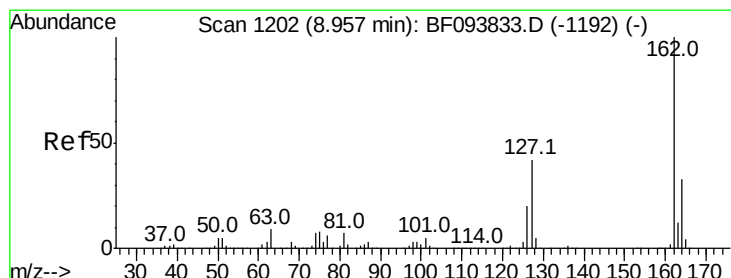
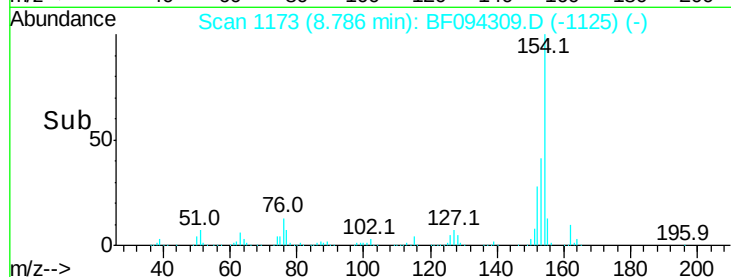
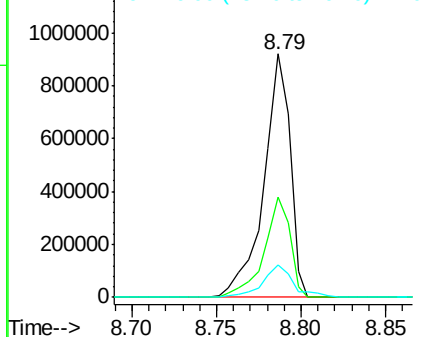
Tot Ion:	154	Resp:	994614
Ion Ratio	Lower	Upper	
154	100		
153	41.0	21.2	61.2
76	13.4	0.0	29.9

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



#46

2-Chloronaphthalene

Concen: 42.29 ng

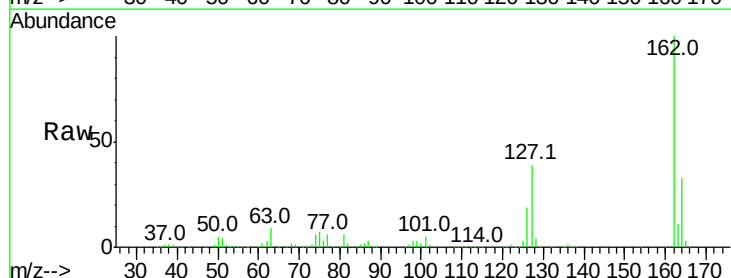
RT: 8.81 min Scan# 1177

Delta R.T. -0.01 min

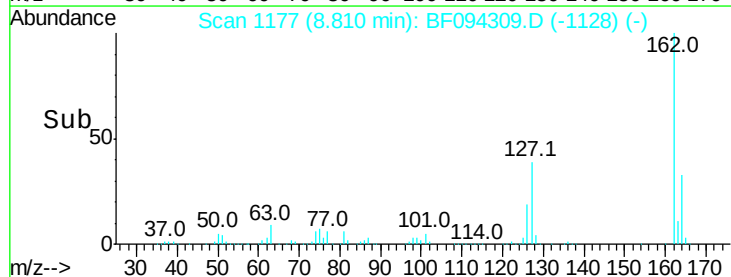
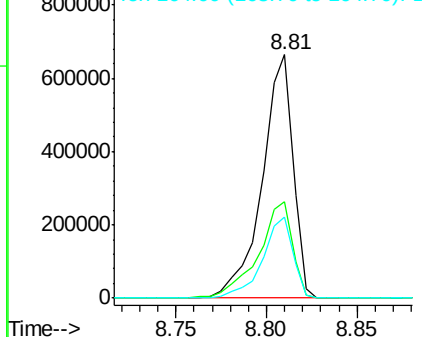
Lab File: BF094309.D

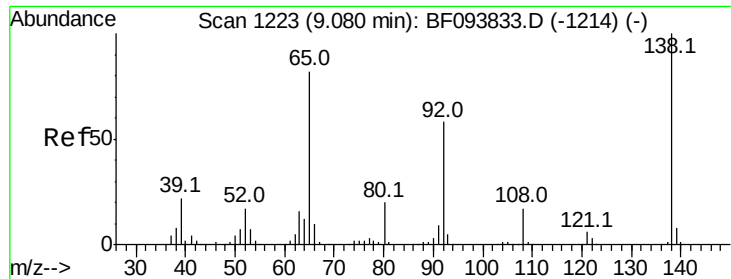
Acq: 10 Apr 2017 14:21

Tgt Ion:	162	Resp:	784916
Ion Ratio	Lower	Upper	
162	100		
127	39.4	28.3	42.5
164	33.3	27.0	40.4



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





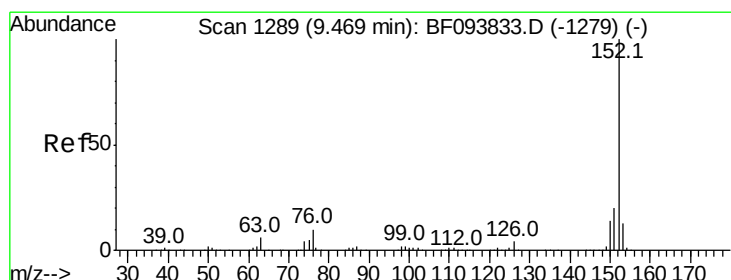
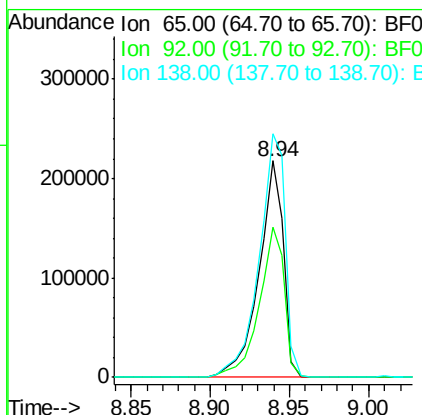
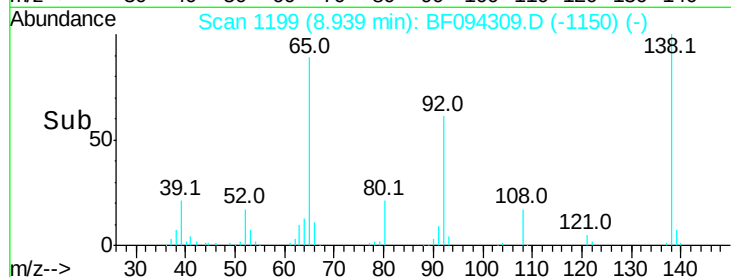
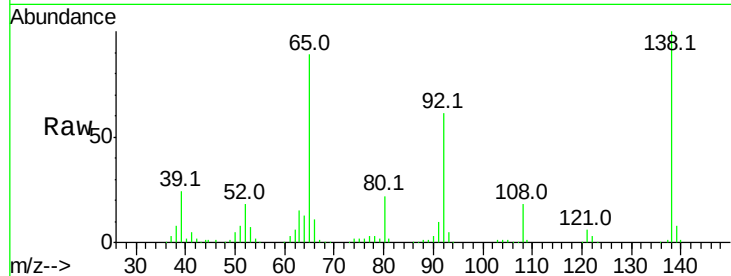
#47
 2-Nitroaniline
 Concen: 42.86 ng
 RT: 8.94 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98131BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.1	53.9	80.9
138	112.4	78.8	118.2

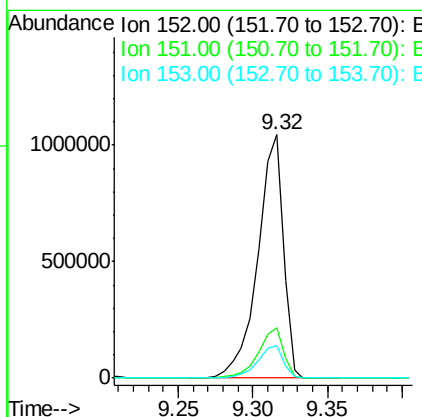
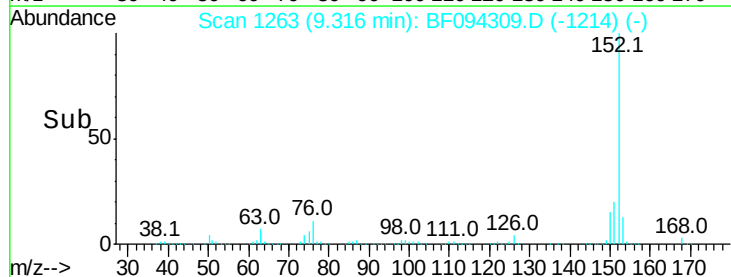
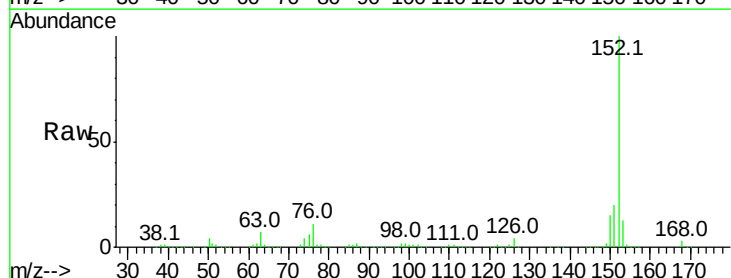
Manual Integrations
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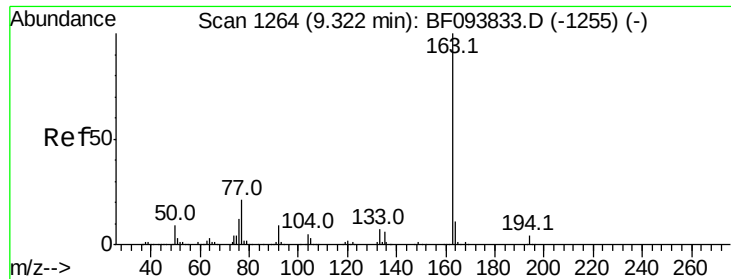
mohammad
 4/11/2017 12:53:04 PM



#48
 Acenaphthylene
 Concen: 39.79 ng
 RT: 9.32 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.4	10.8	16.2





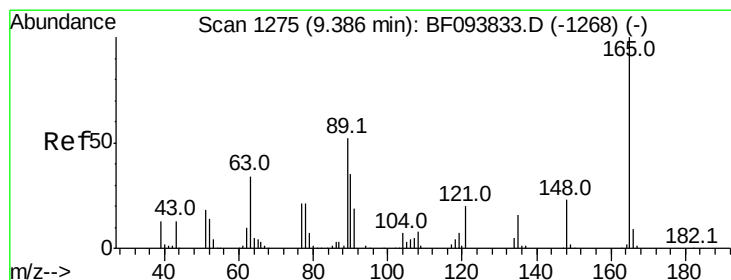
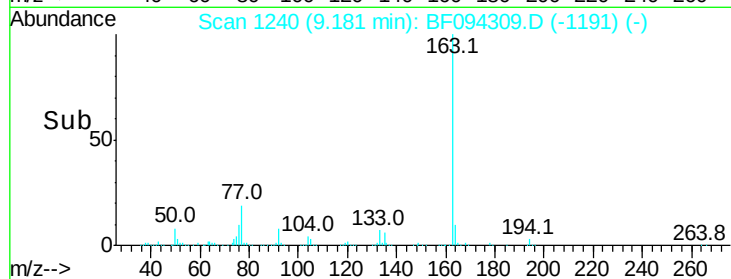
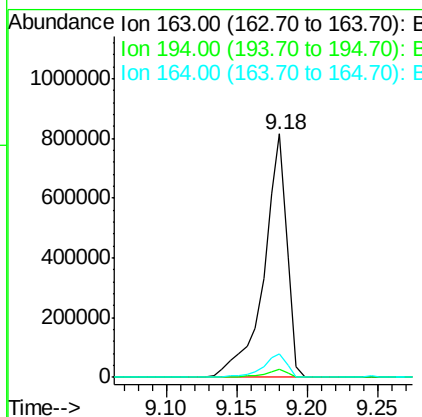
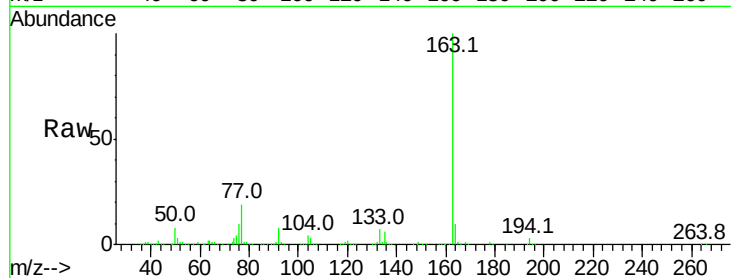
#49
Dimethylphthalate
Concen: 44.62 ng
RT: 9.18 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :
PB98131BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	932194		
194	3.4	2.6	4.0	
164	9.8	8.4	12.6	

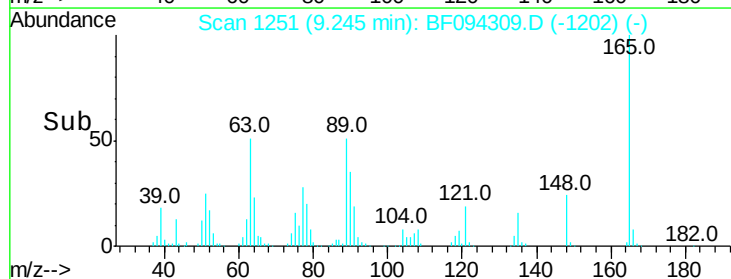
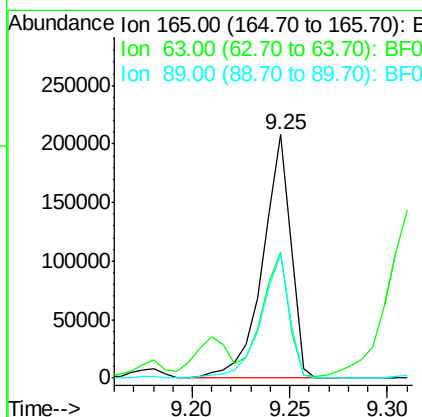
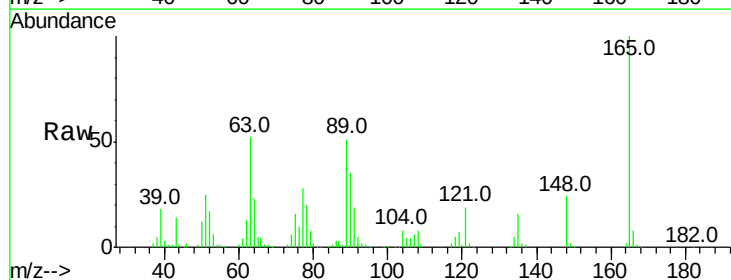
Manual Integrations
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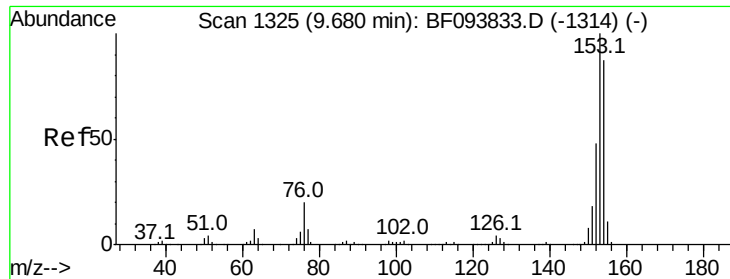
mohammad
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#50
2,6-Dinitrotoluene
Concen: 43.33 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	207535		
63	51.6	34.3	51.5#	
89	51.3	37.1	55.7	





#51

Acenaphthene

Concen: 40.62 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

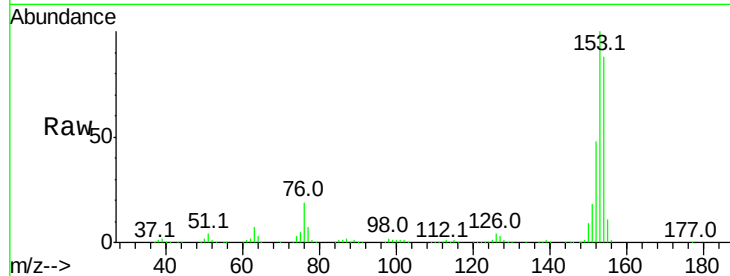
ClientSampleId :

PB98131BSD

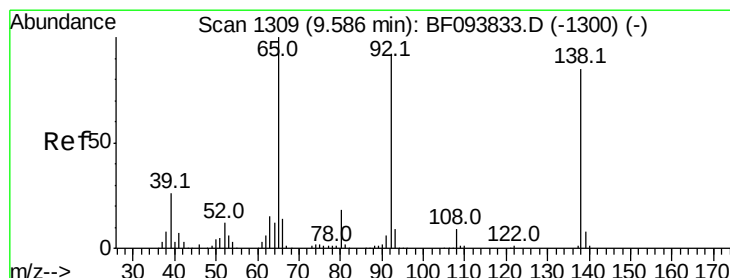
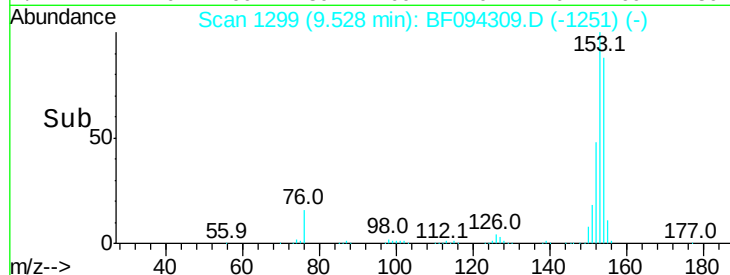
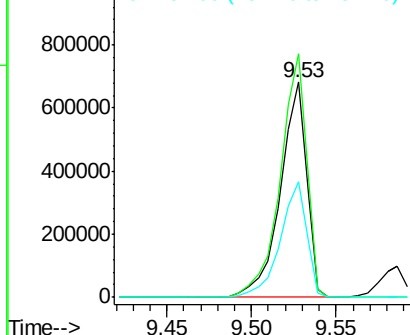
Tot Ion:	154	Resp:	731092
Ion Ratio	Lower	Upper	
154	100		
153	113.1	90.5	135.7
152	53.9	43.6	65.4

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.54 ng

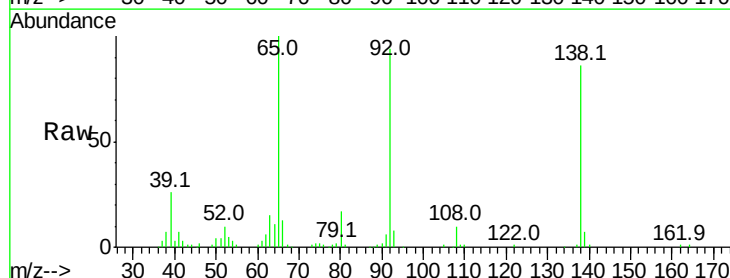
RT: 9.45 min Scan# 1285

Delta R.T. -0.01 min

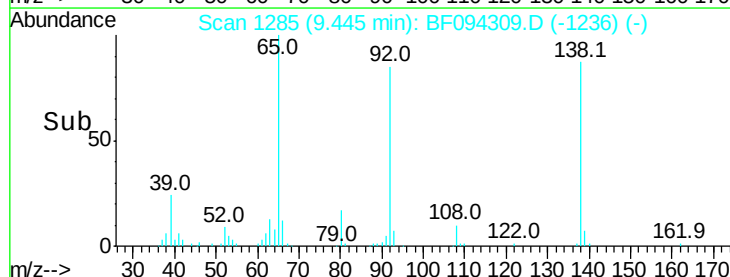
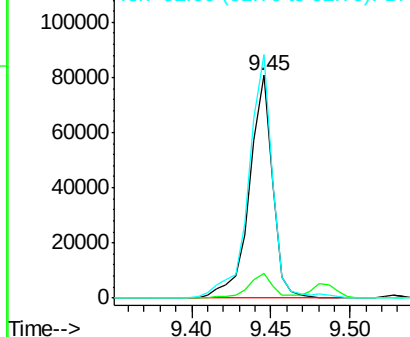
Lab File: BF094309.D

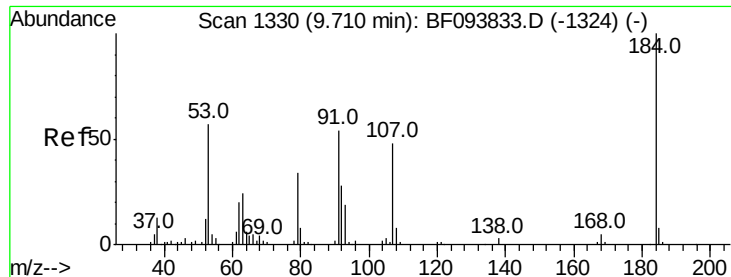
Acq: 10 Apr 2017 14:21

Tgt Ion:	138	Resp:	81750
Ion Ratio	Lower	Upper	
138	100		
108	11.2	9.1	13.7
92	109.3	93.8	140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





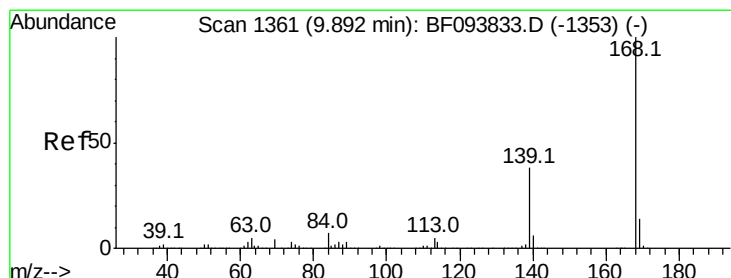
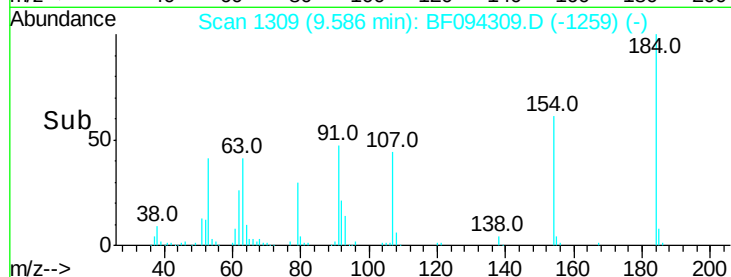
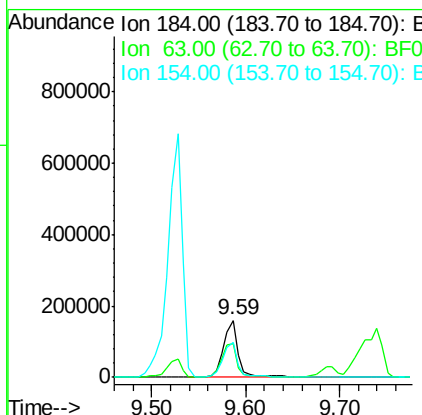
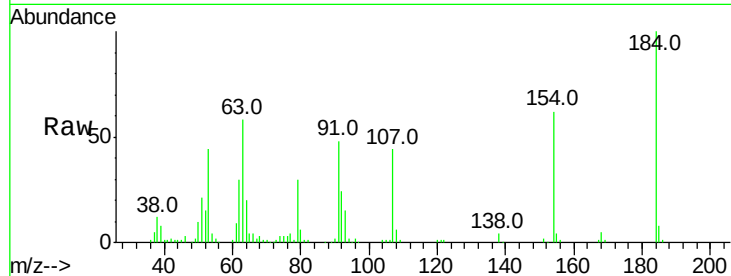
#53
 2,4-Dinitrophenol
 Concen: 71.35 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98131BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	58.2	62.7	94.1#	
154	62.0	81.1	121.7#	

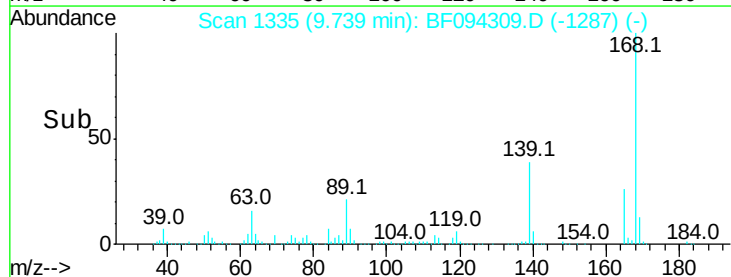
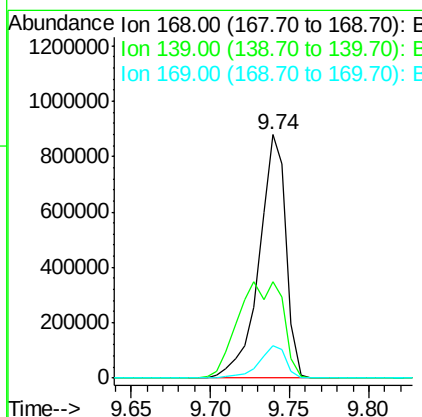
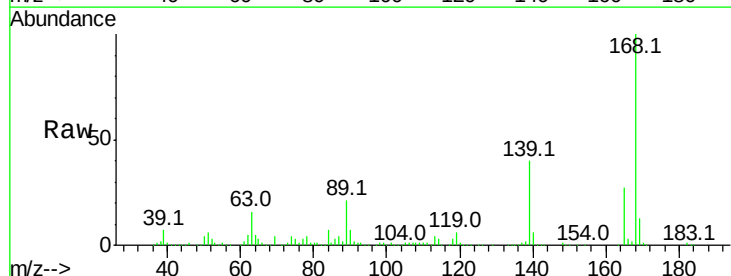
Manual Integrations
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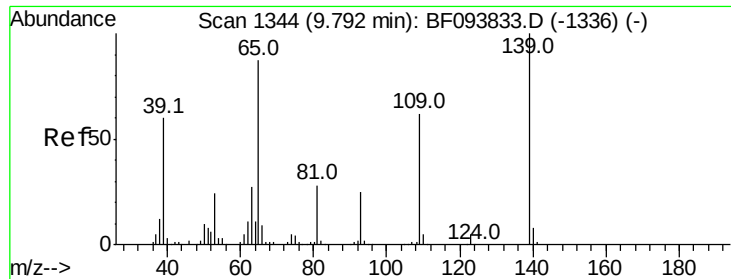
mohammad
 4/11/2017 12:53:04 PM



#54
 Dibenzofuran
 Concen: 42.42 ng
 RT: 9.74 min Scan# 1335
 Delta R.T. -0.02 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.6	30.6	45.8	
169	13.3	10.8	16.2	





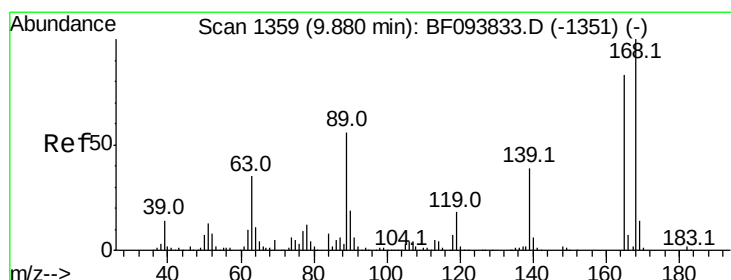
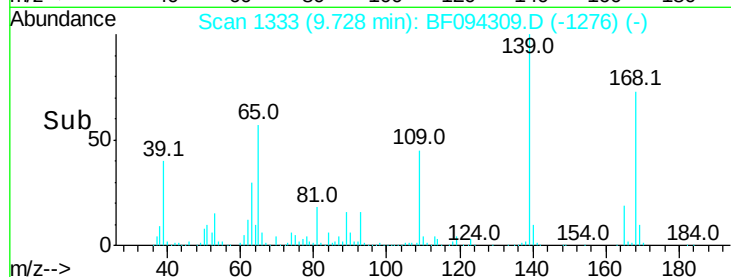
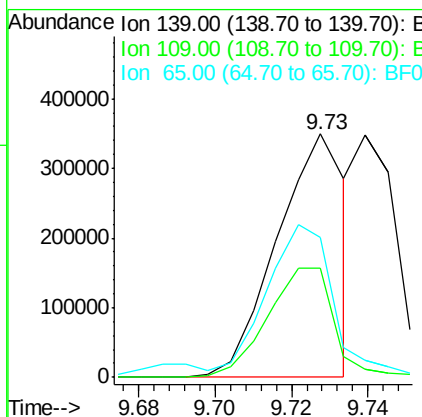
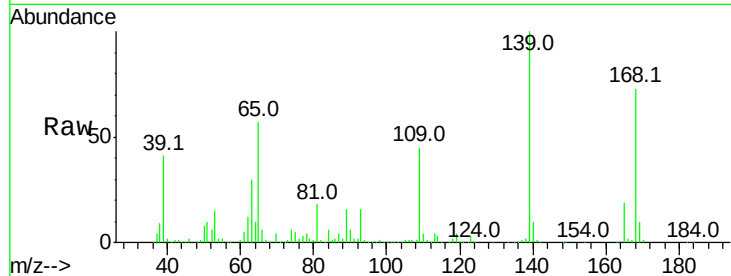
#55
4-Nitrophenol
Concen: 99.17 ng/ml
RT: 9.73 min Scan# 1333
Delta R.T. 0.04 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :
PB98131BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	45.0	34.1	74.1
65	57.4	31.4	71.4

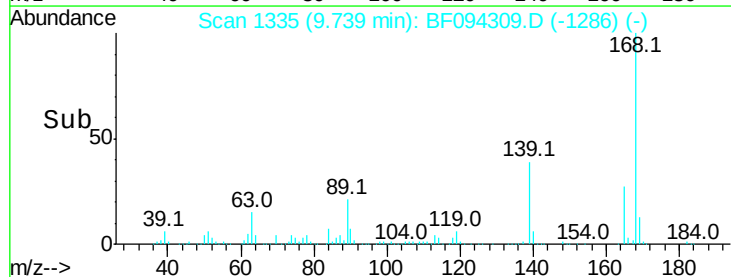
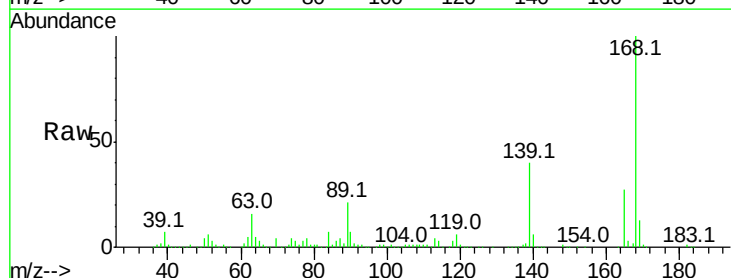
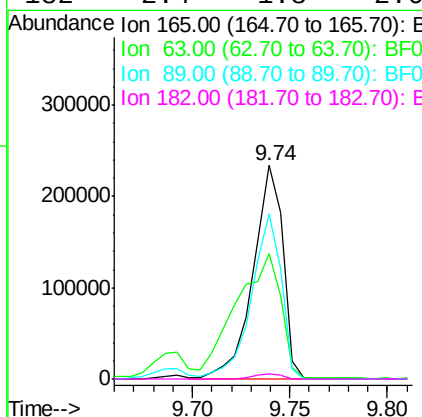
Manual Integrations
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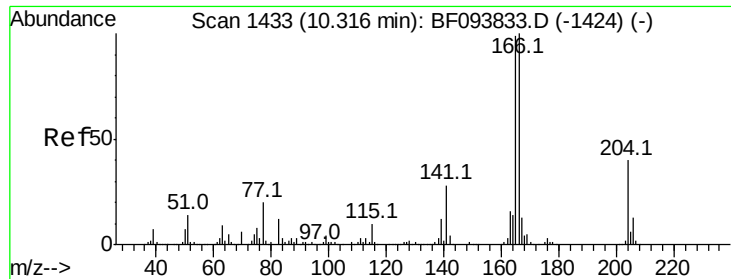
mohammad
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#56
2,4-Dinitrotoluene
Concen: 41.16 ng
RT: 9.74 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.8	25.4	38.0#
89	77.6	46.4	69.6#
182	2.4	1.8	2.6





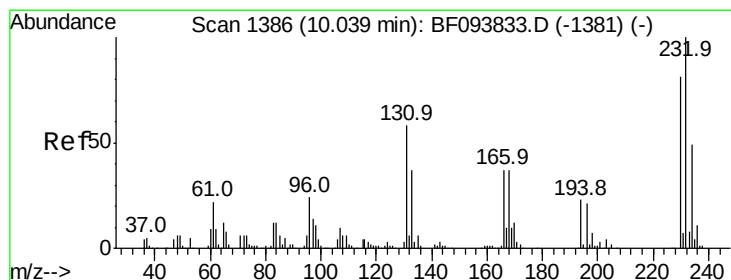
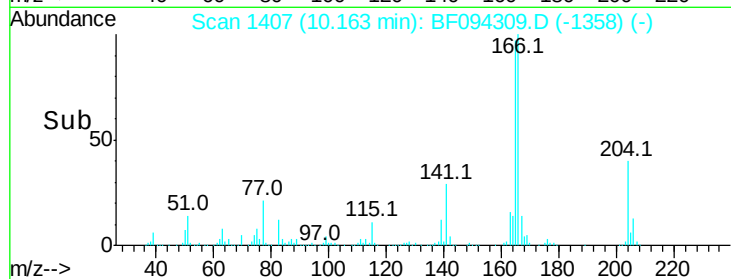
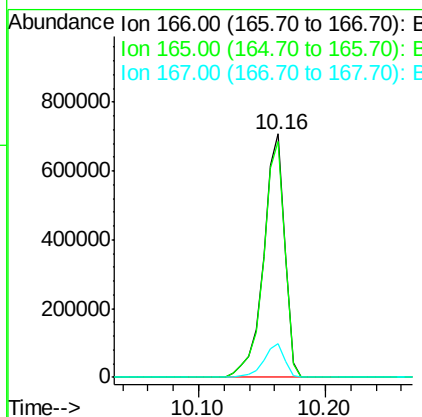
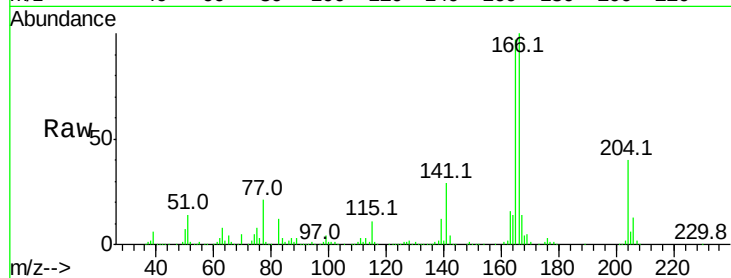
#57
Fluorene
 Concen: 40.25 ng
 RT: 10.16 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98131BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	817763		
165	96.8		78.8	118.2
167	13.8		10.6	16.0

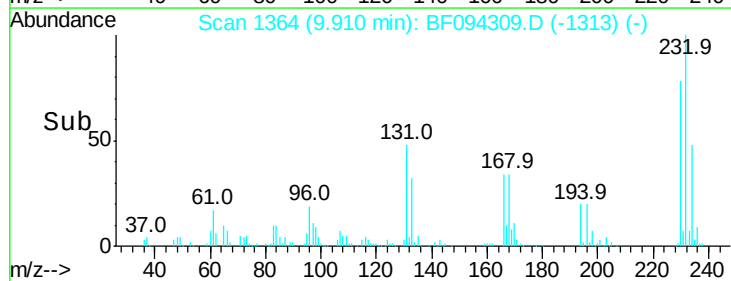
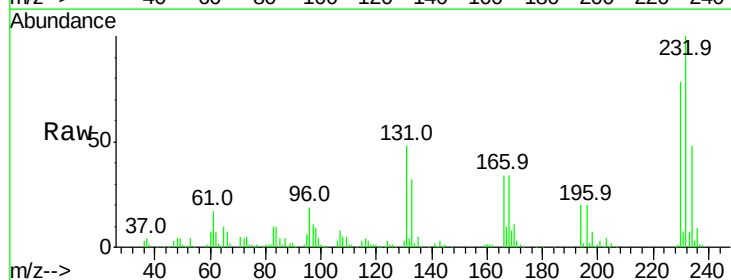
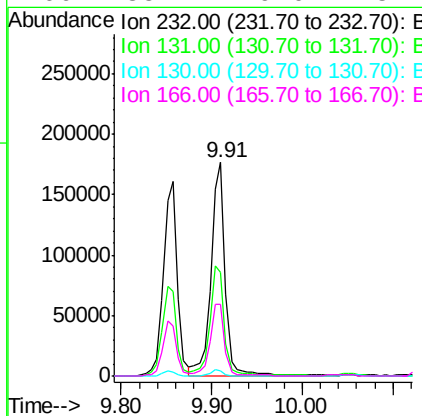
Manual Integrations
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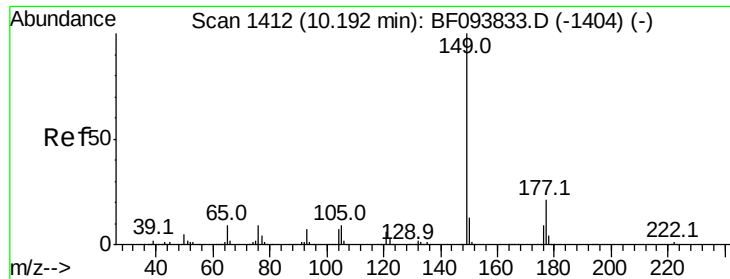
mohammad
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.70 ng
 RT: 9.91 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	193023		
131	52.1		44.8	67.2
130	2.5		2.3	3.5
166	35.7		29.0	43.4





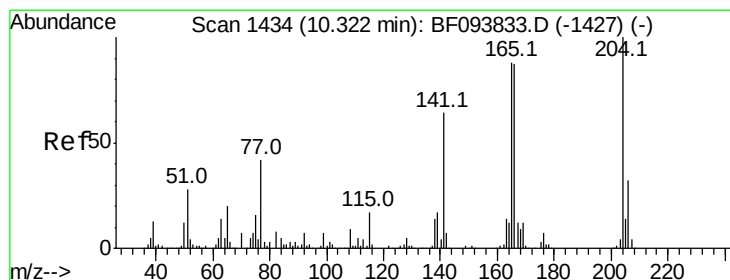
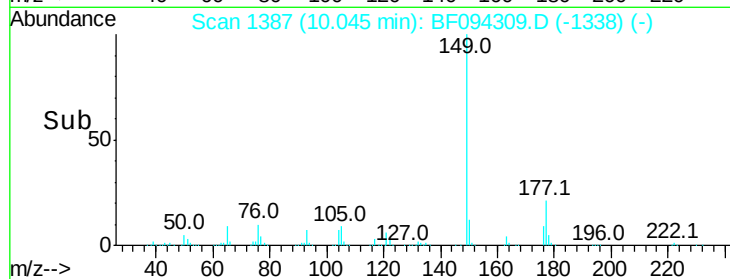
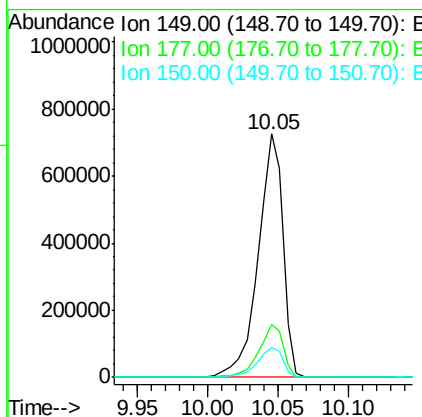
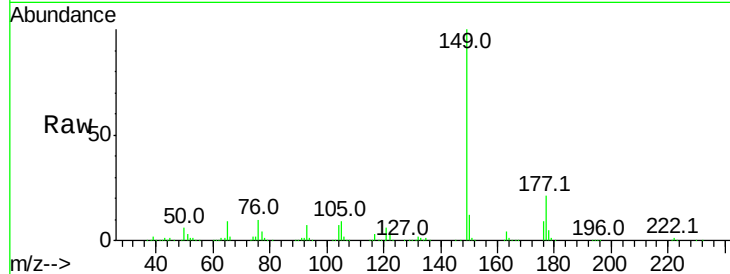
#59
 Diethylphthalate
 Concen: 43.50 ng
 RT: 10.05 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98131BSD

Tot Ion:	149	Resp:	898228
Ion Ratio	Lower	Upper	
149	100		
177	21.5	16.7	25.1
150	12.3	10.2	15.2

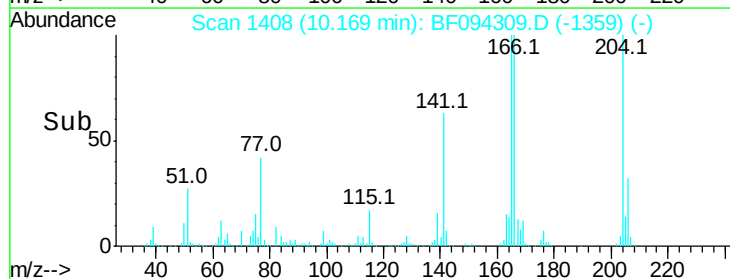
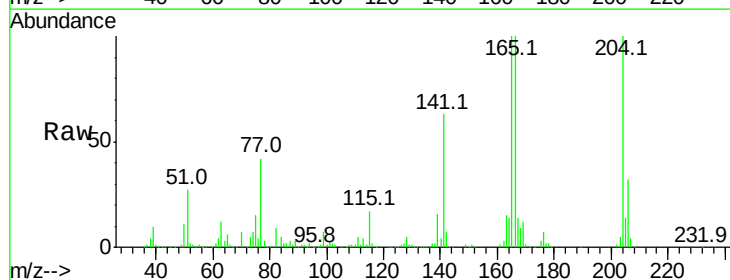
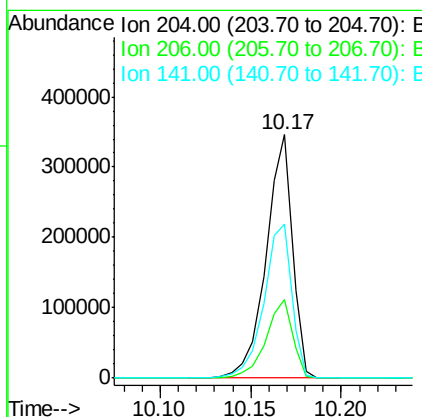
Manual Integrations
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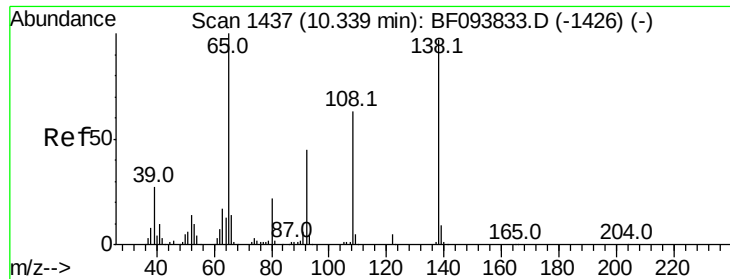
mohammad
 4/11/2017 12:53:04 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 40.34 ng
 RT: 10.17 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion:	204	Resp:	349118
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.2	39.2
141	63.4	60.8	91.2





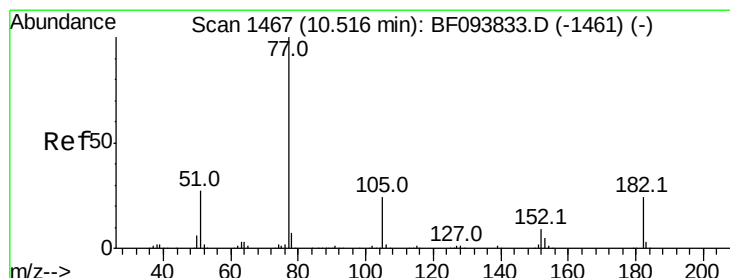
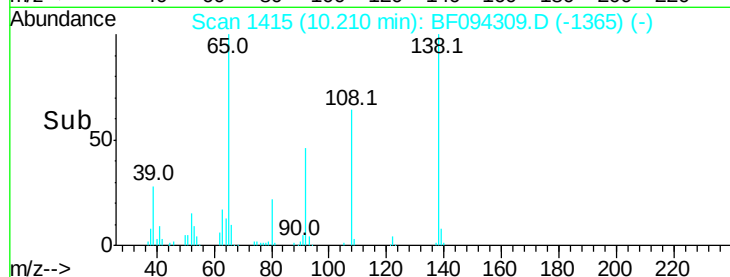
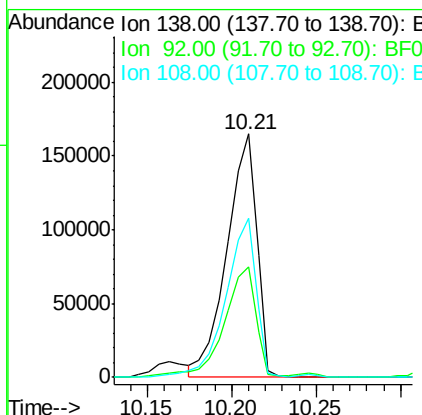
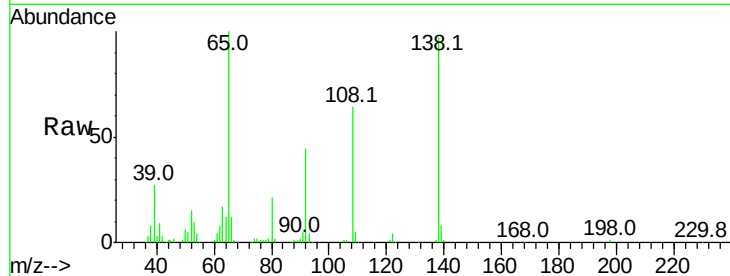
#61
4-Nitroaniline
Concen: 37.60 ng
RT: 10.21 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :
PB98131BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.6	21.8	61.8
108	65.3	42.3	82.3

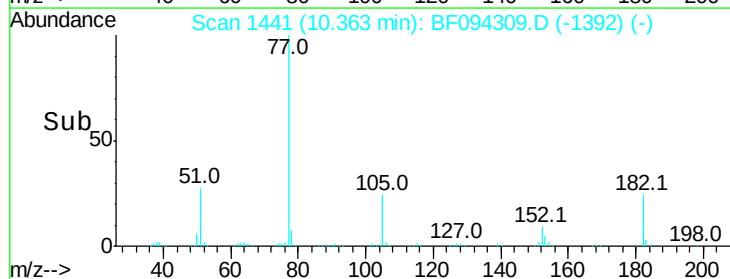
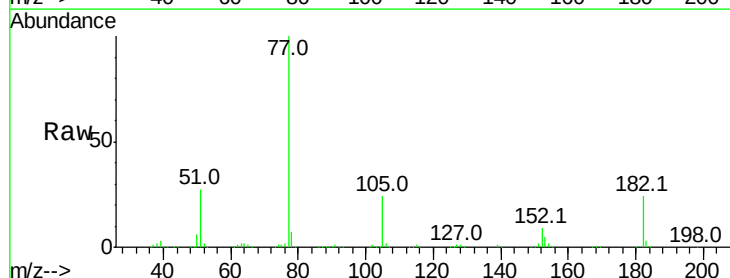
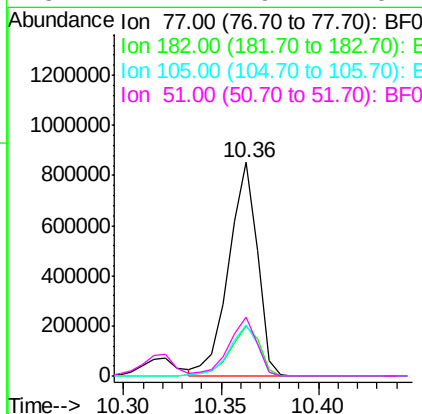
Manual Integrations
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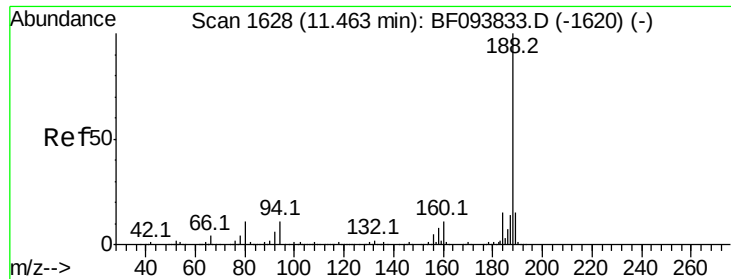
mohammad
4/11/2017 12:53:04 PM



#62
Azobenzene
Concen: 44.25 ng
RT: 10.36 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.7	0.1	40.1
105	24.1	3.6	43.6
51	27.4	9.4	49.4





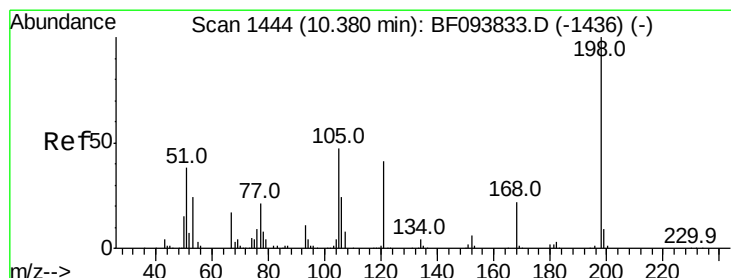
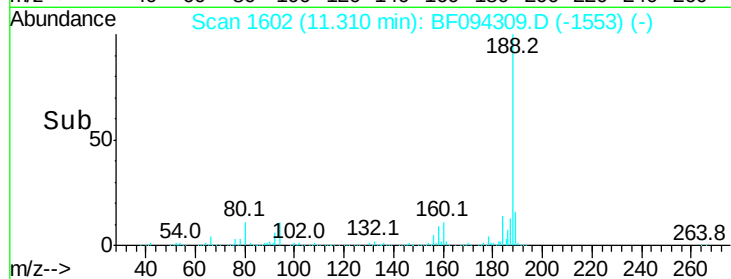
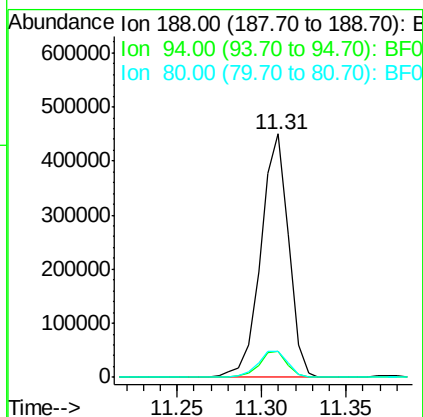
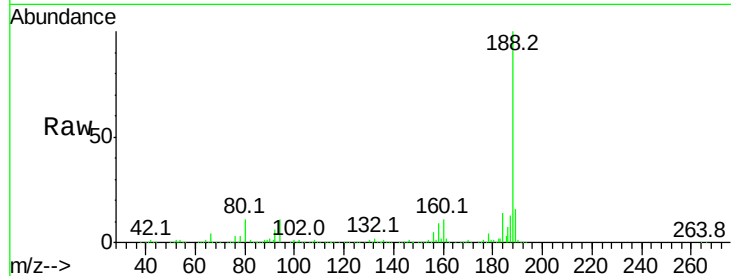
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :
PB98131BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	509593		
94	10.7		9.4	14.2
80	10.9		10.2	15.2

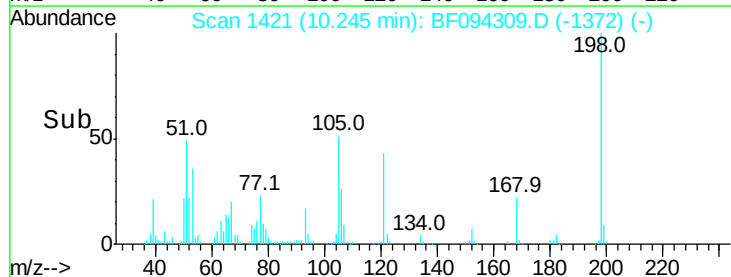
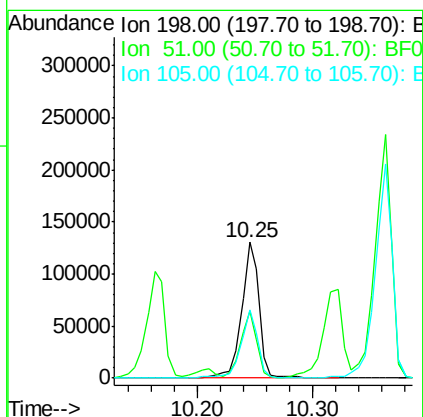
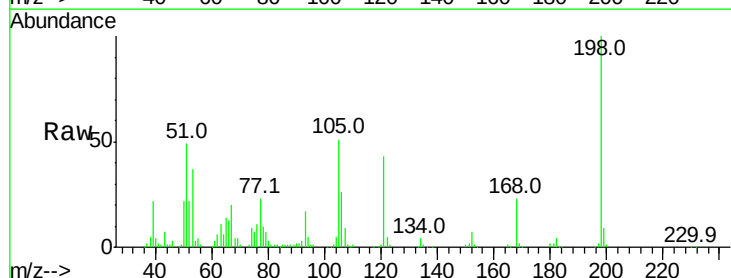
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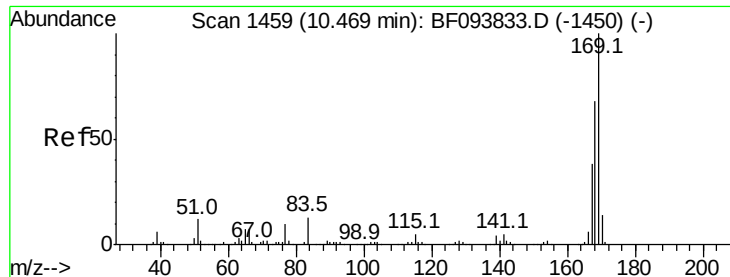
mohammad
4/11/2017 12:53:04 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 43.67 ng
RT: 10.25 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	136299		
51	48.9		53.2	93.2#
105	50.5		45.8	85.8





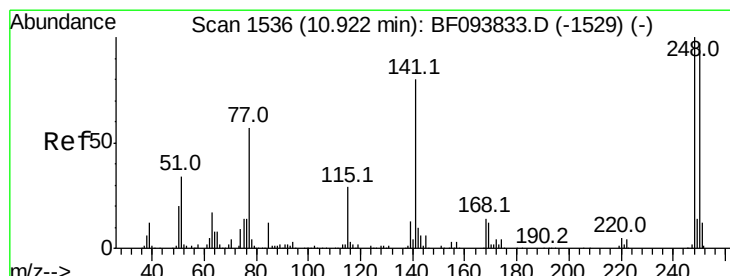
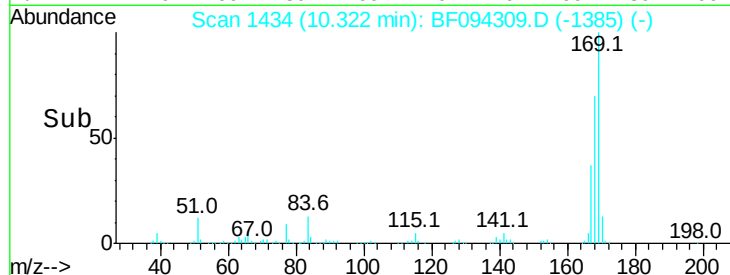
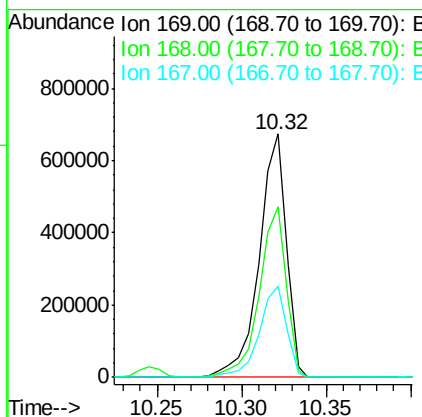
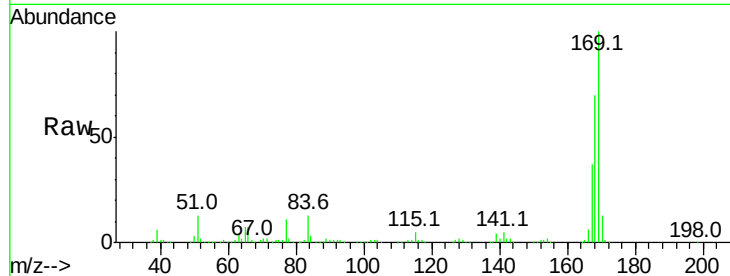
#65
 n-Nitrosodiphenylamine
 Concen: 42.76 ng
 RT: 10.32 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98131BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	70.0	53.2	79.8	
167	37.5	29.5	44.3	

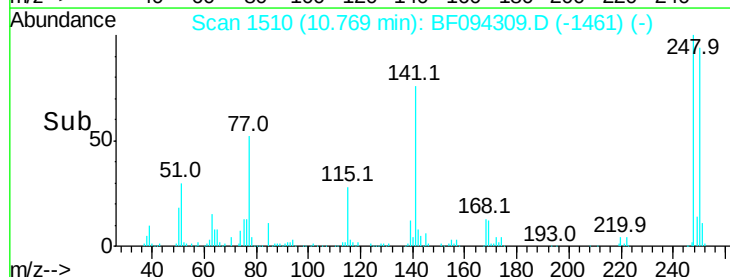
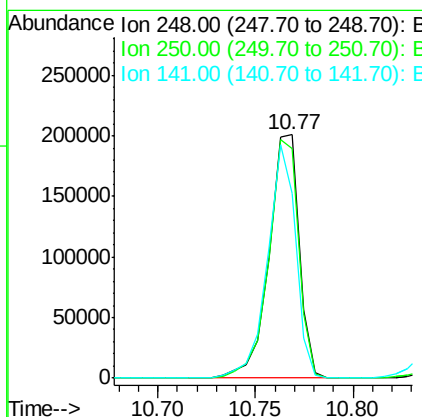
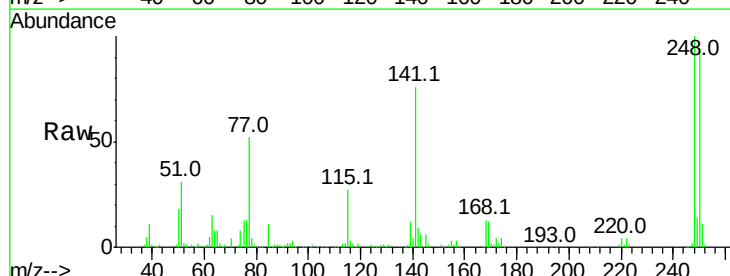
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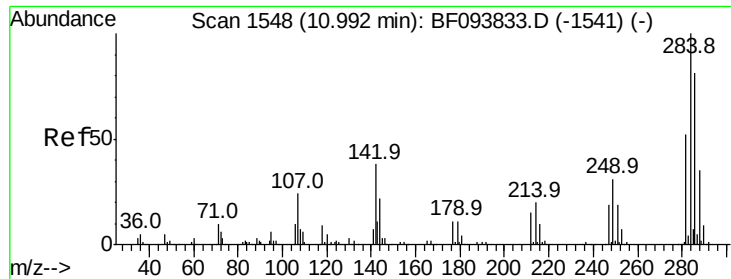
mohammad
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#66
 4-Bromophenyl-phenylether
 Concen: 43.09 ng
 RT: 10.77 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	94.2	76.8	115.2	
141	76.1	68.6	103.0	





#67

Hexachlorobenzene

Concen: 44.12 ng

RT: 10.84 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

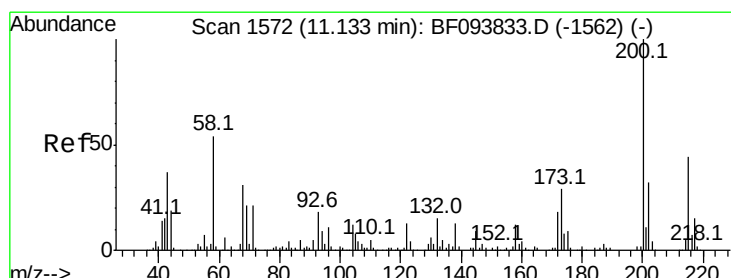
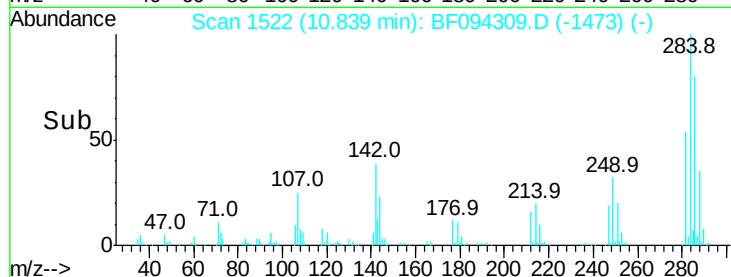
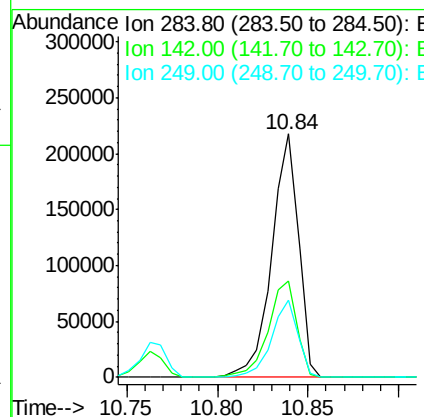
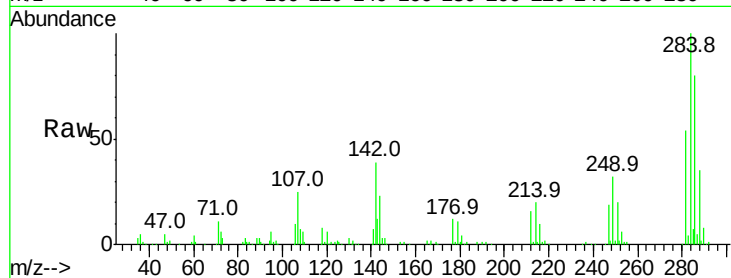
ClientSampleId :

PB98131BSD

Tot Ion:	284	Resp:	223829
Ion Ratio		Lower	Upper
284	100		
142	39.5	22.8	34.2#
249	31.5	24.0	36.0

Manual Integrations
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#68

Atrazine

Concen: 42.15 ng

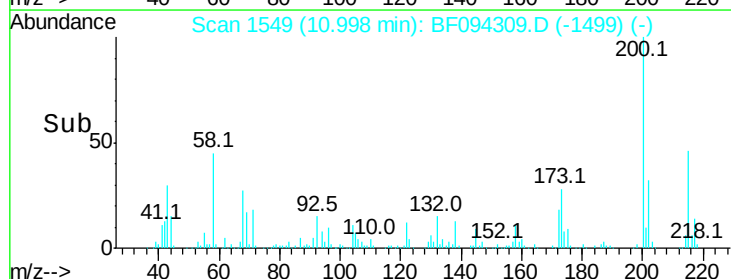
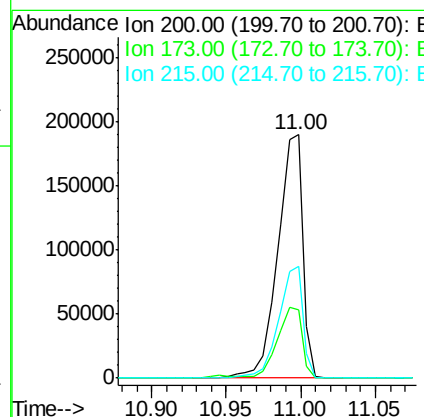
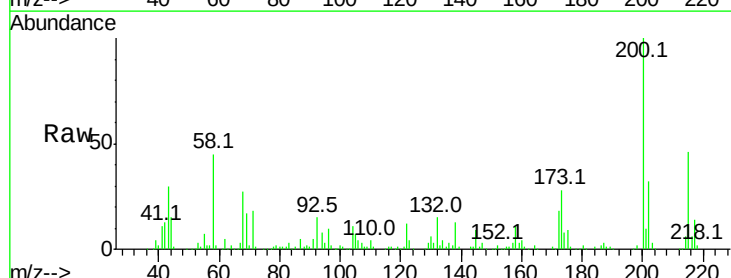
RT: 11.00 min Scan# 1549

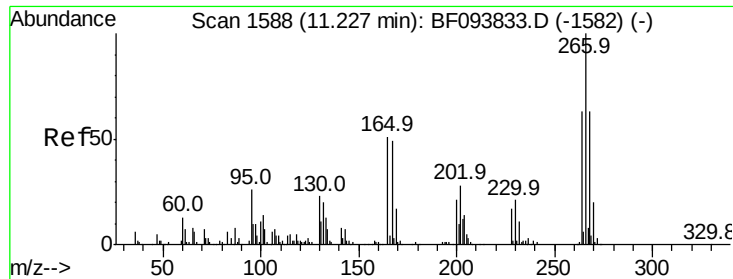
Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Tgt Ion:	200	Resp:	222465
Ion Ratio		Lower	Upper
200	100		
173	28.1	6.3	46.3
215	46.1	27.2	67.2





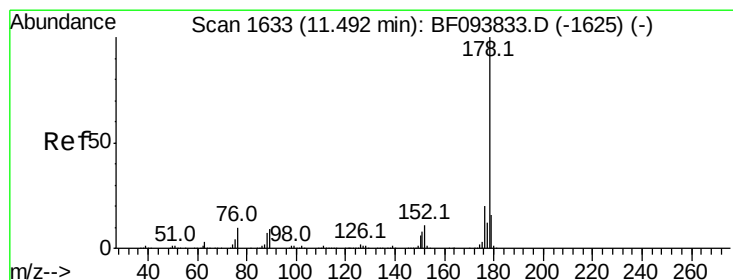
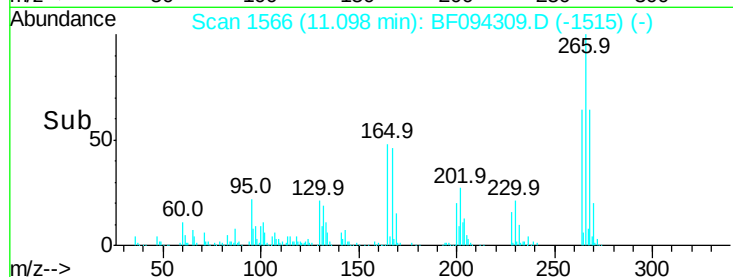
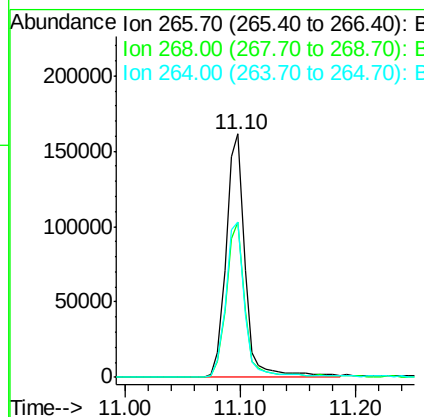
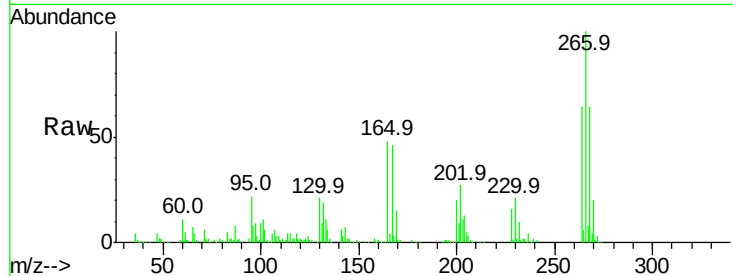
#69
 Pentachlorophenol
 Concen: 58.76 ng
 RT: 11.10 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98131BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	185571		
268	63.7		51.1	76.7
264	64.0		51.7	77.5

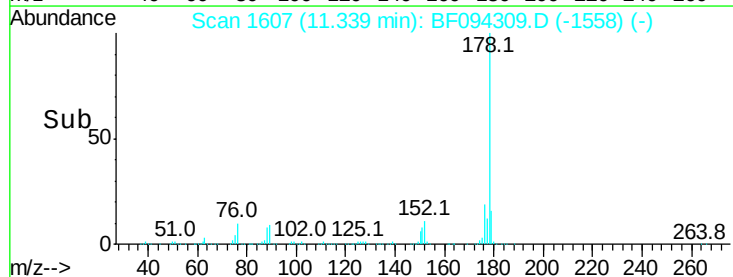
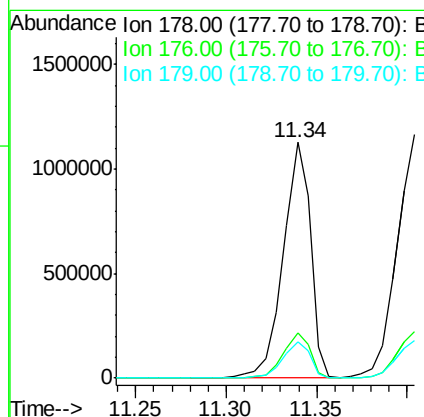
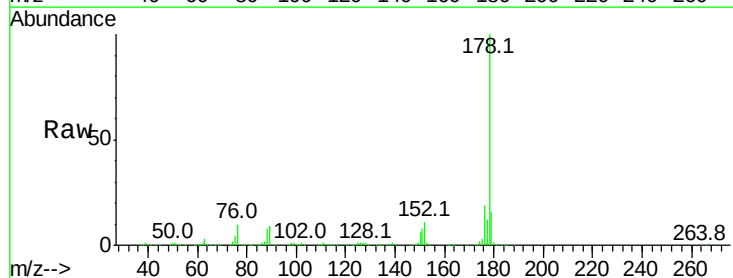
Manual Integrations
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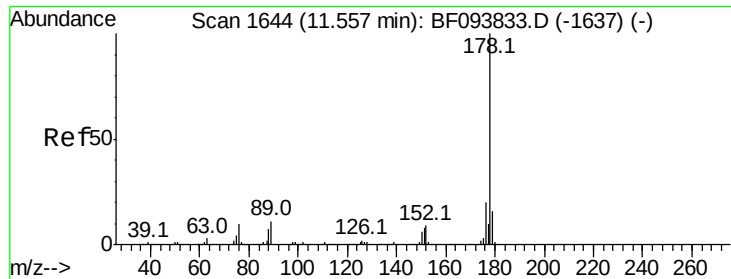
mohammad
 4/11/2017 12:53:04 PM



#70
 Phenanthrene
 Concen: 41.86 ng
 RT: 11.34 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1186647		
176	19.4		16.2	24.4
179	15.6		12.6	19.0





#71

Anthracene

Concen: 42.43 ng

RT: 11.40 min Scan# 1618

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampleId :

PB98131BSD

Tot Ion:178 Resp: 1238440

Ion Ratio Lower Upper

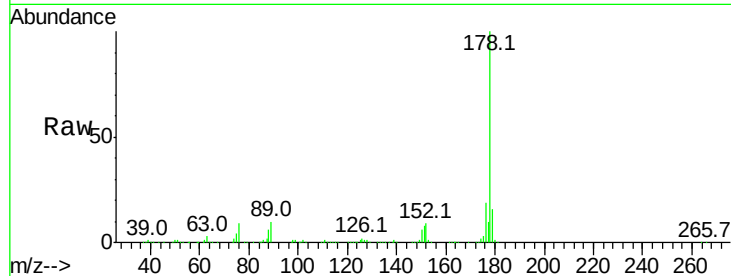
178 100

176 19.0 15.8 23.8

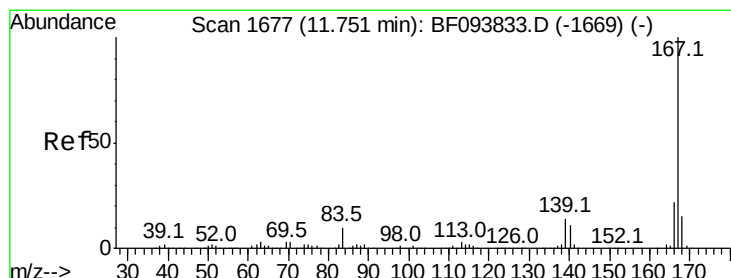
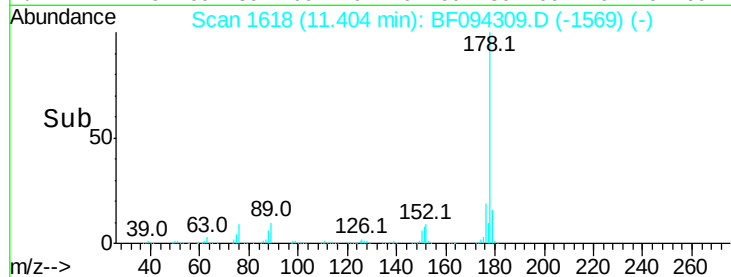
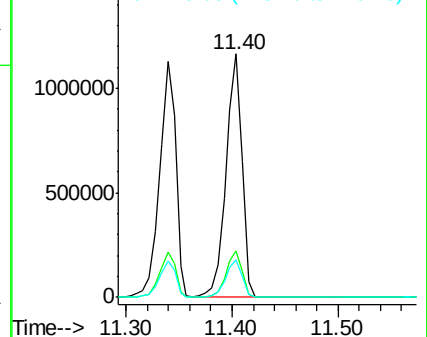
179 15.6 12.7 19.1

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.83 ng

RT: 11.61 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

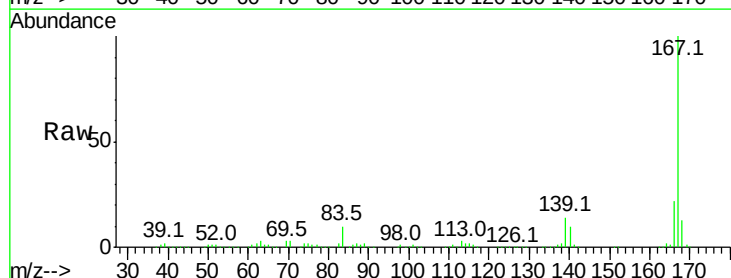
Tgt Ion:167 Resp: 1162292

Ion Ratio Lower Upper

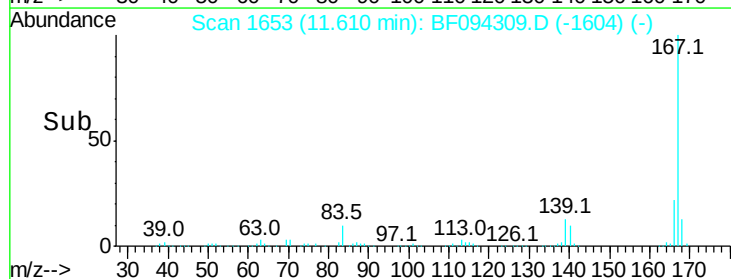
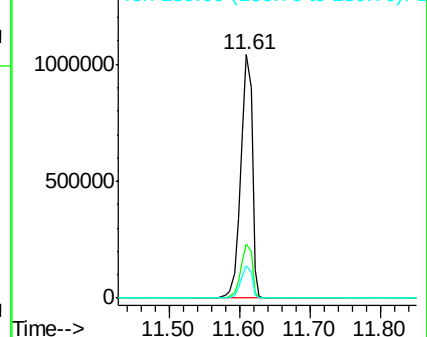
167 100

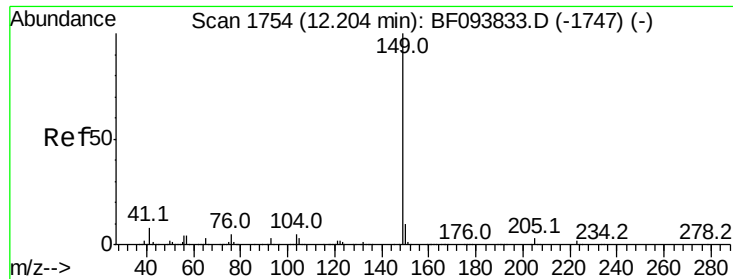
166 22.1 18.1 27.1

139 13.5 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.31 ng

RT: 12.05 min Scan# 1728

Delta R.T. -0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampleId :

PB98131BSD

Tot Ion:149 Resp: 1379143

Ion Ratio Lower Upper

149 100

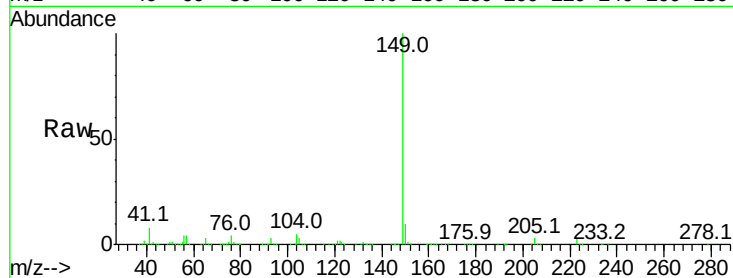
150 9.6 7.7 11.5

104 4.7 4.0 6.0

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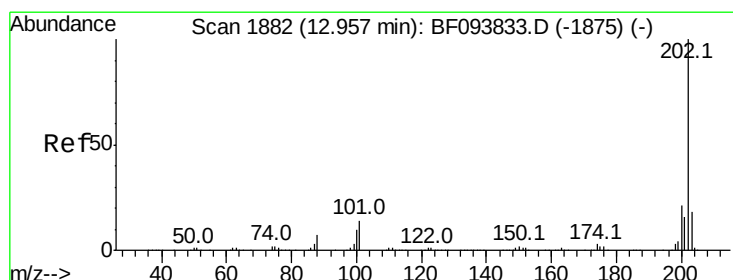
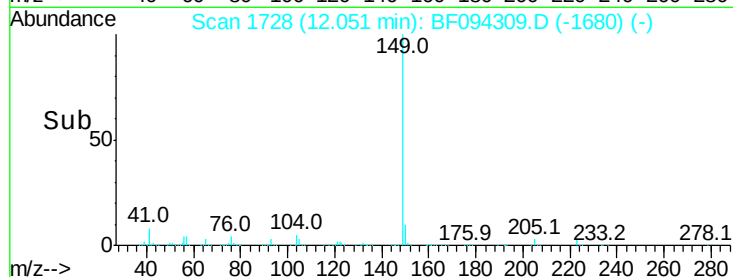
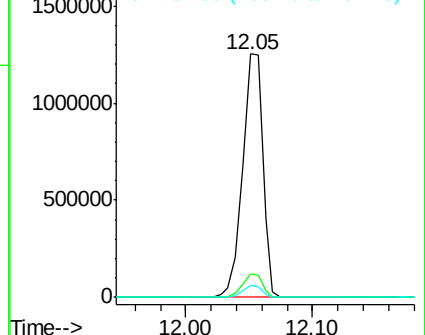
4/11/2017 12:53:04 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.26 ng

RT: 12.80 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

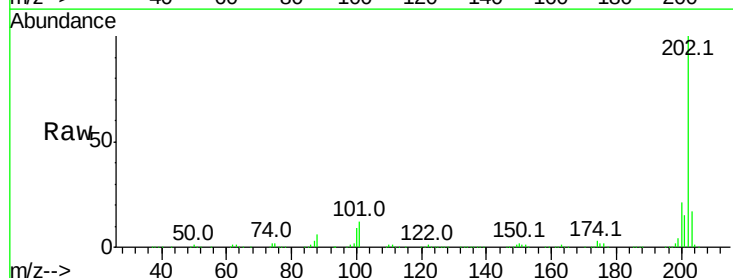
Tgt Ion:202 Resp: 1226640

Ion Ratio Lower Upper

202 100

101 12.3 0.0 33.2

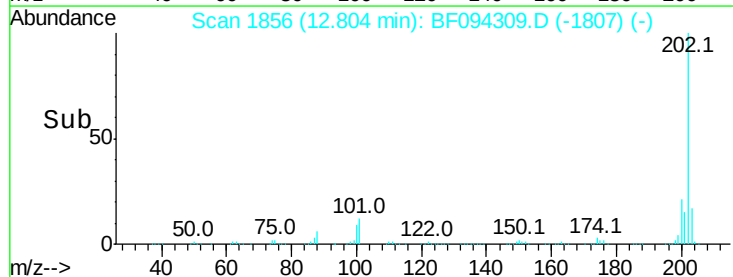
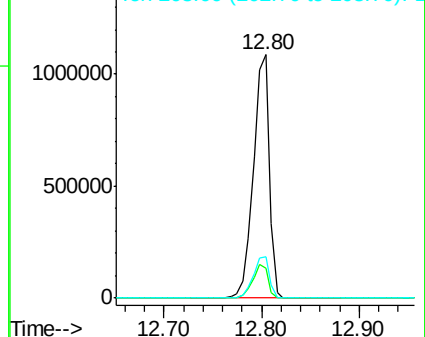
203 17.1 0.0 38.1

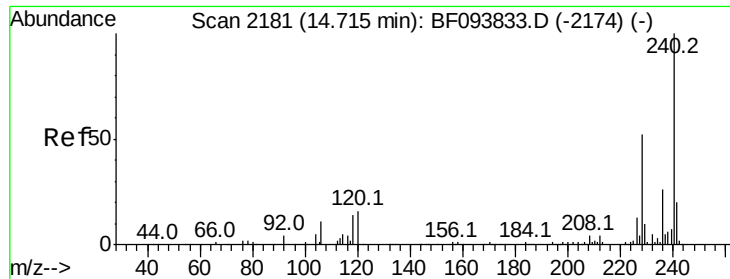


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.56 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

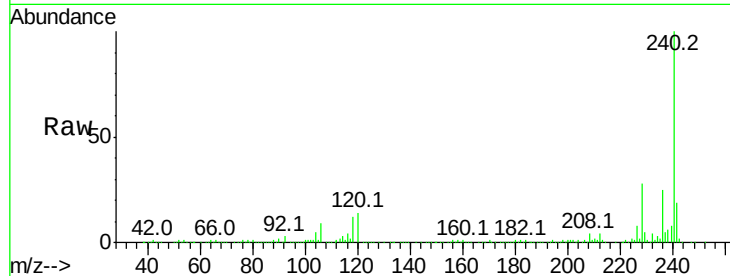
ClientSampleId :

PB98131BSD

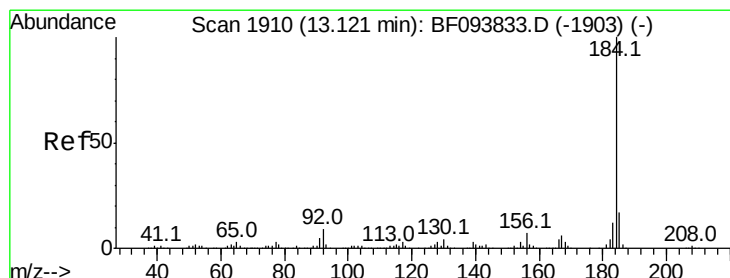
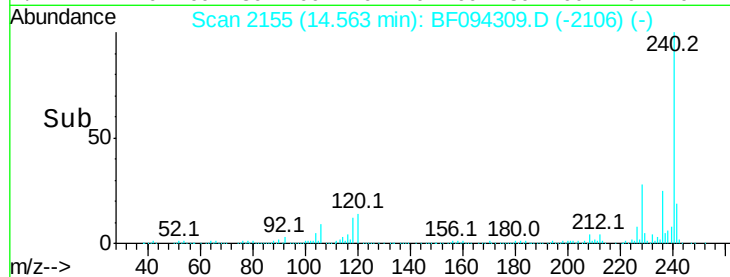
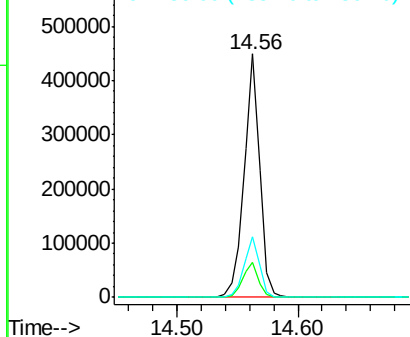
Tot Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	25.0	20.5	30.7

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



#76

Benzidine

Concen: 23.30 ng

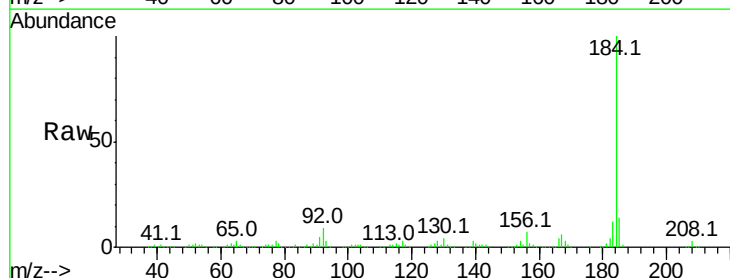
RT: 12.97 min Scan# 1884

Delta R.T. -0.01 min

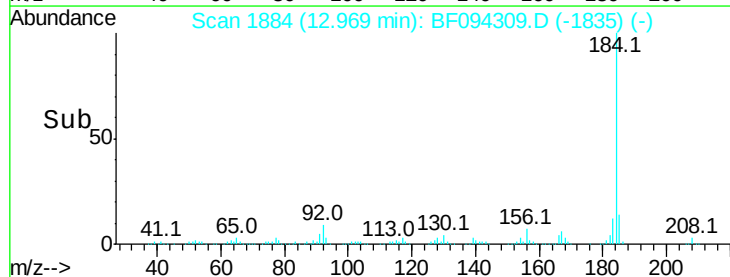
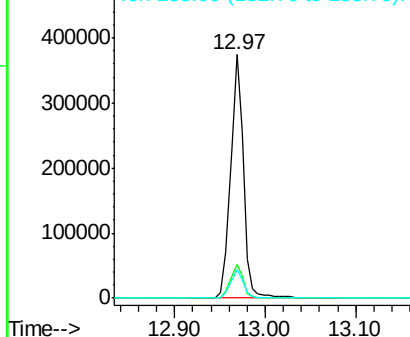
Lab File: BF094309.D

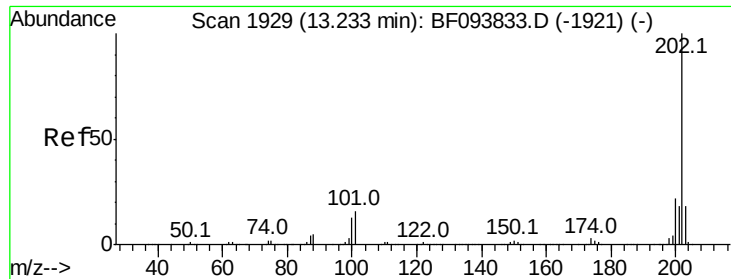
Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	15.5	23.3#
183	11.6	9.8	14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





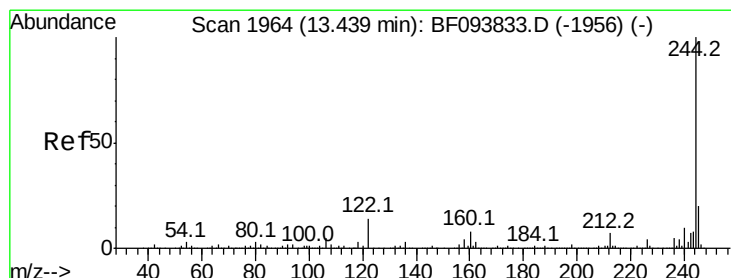
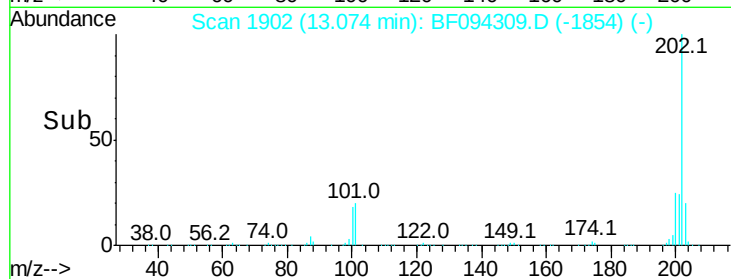
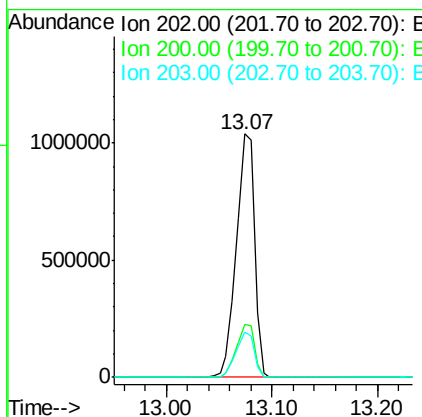
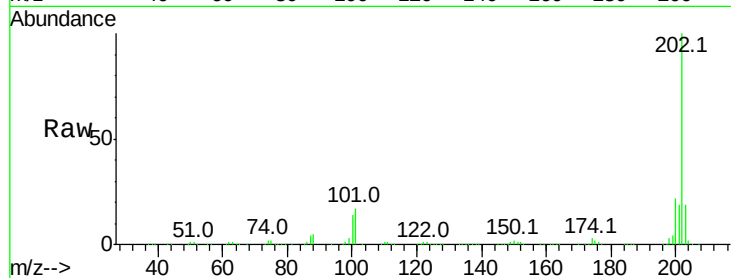
#77
 Pvrene
 Concen: 41.82 ng
 RT: 13.07 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98131BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	18.8	14.4	21.6

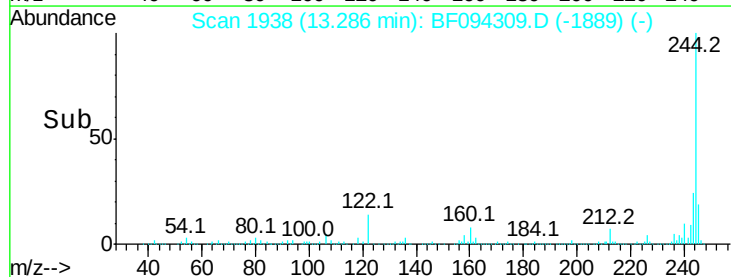
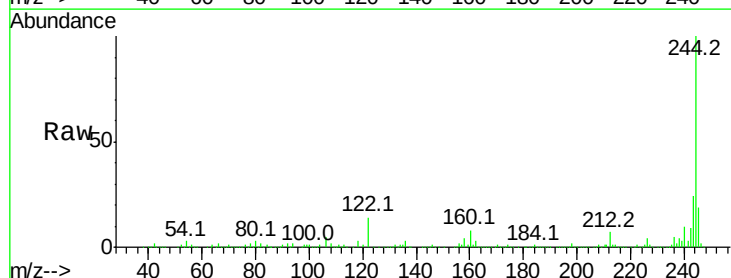
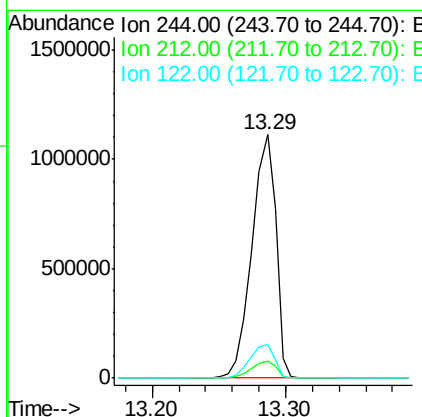
Manual Integrations
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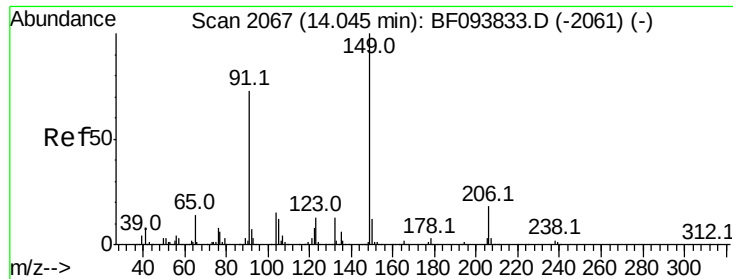
mohammad
 4/11/2017 12:53:04 PM



#78
 Terphenyl-d14
 Concen: 75.62 ng
 RT: 13.29 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.7	10.3	15.5





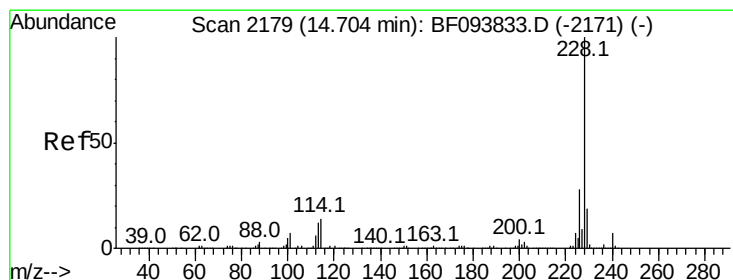
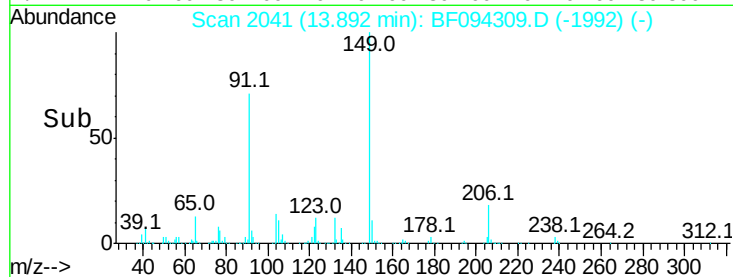
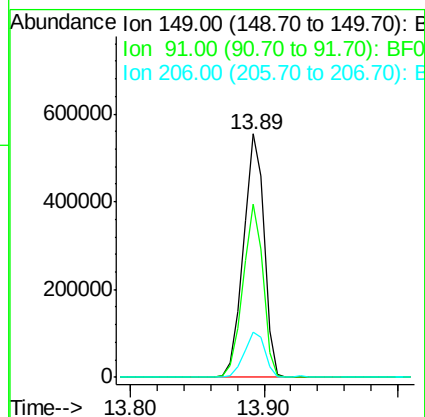
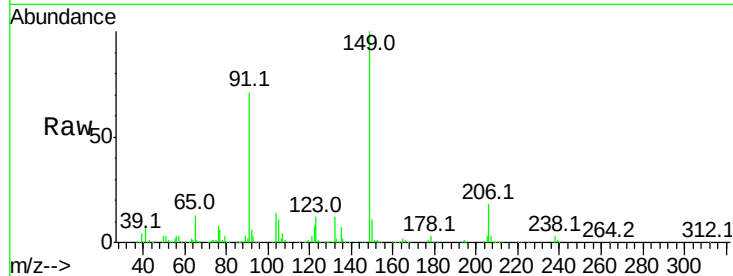
#79
Butylbenzylphthalate
Concen: 47.28 ng
RT: 13.89 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :
PB98131BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	590561		
91	70.9	45.0	67.4#	
206	18.4	17.0	25.6	

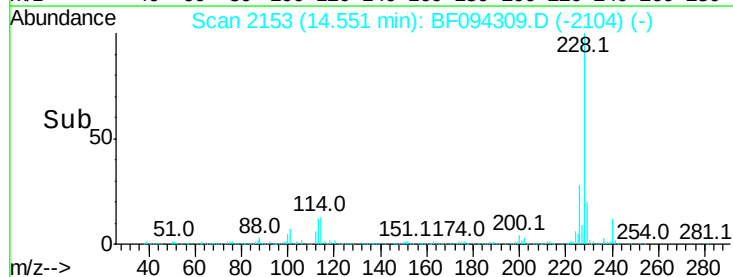
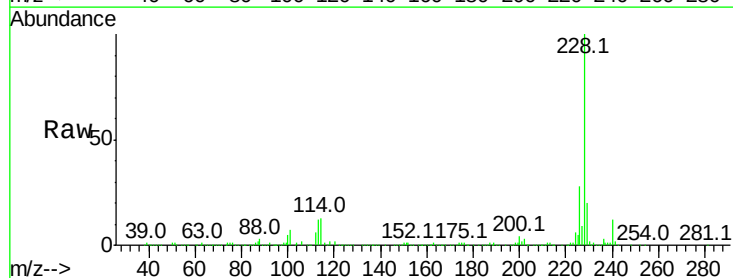
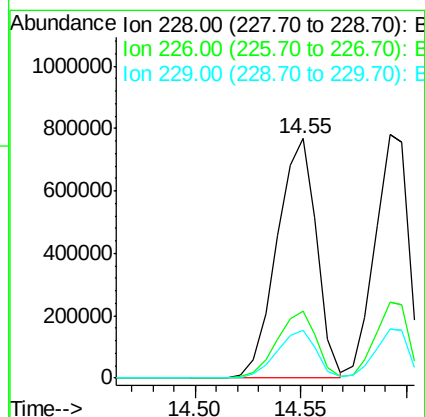
Manual Integrations
APPROVED

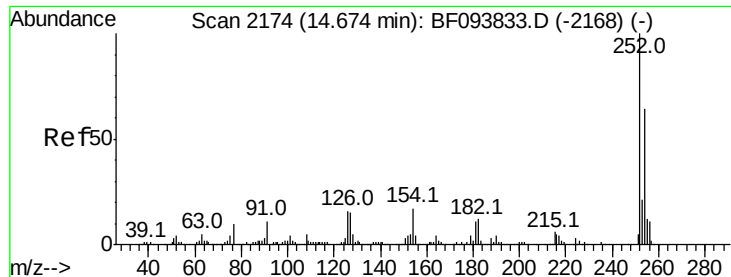
mohammad
4/11/2017 12:53:04 PM



#80
Benzo(a)anthracene
Concen: 42.62 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1003950		
226	27.9	22.6	33.8	
229	19.8	16.3	24.5	





#81

3,3'-Dichlorobenzidine

Concen: 19.36 ng

RT: 14.52 min Scan# 2148

Delta R.T. -0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

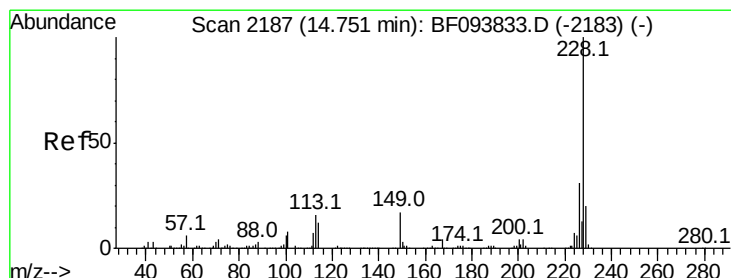
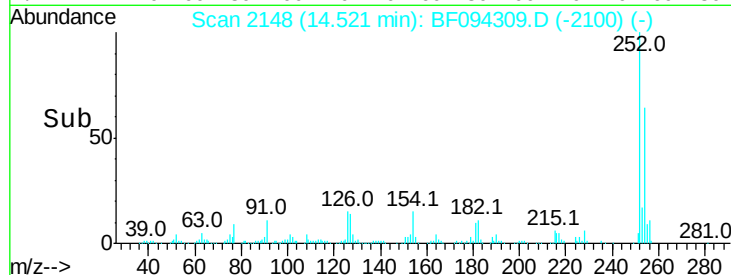
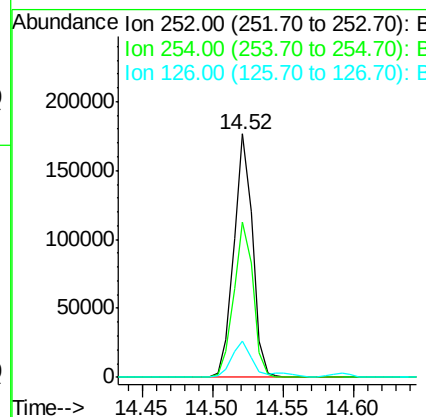
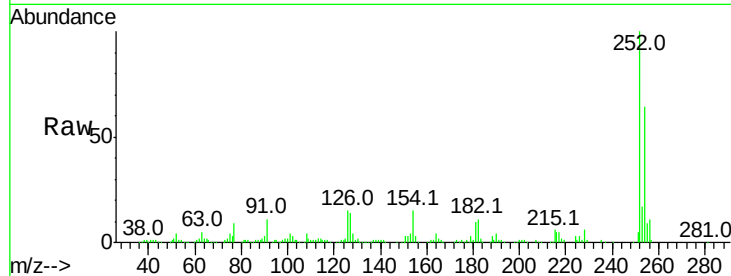
ClientSampleId :

PB98131BSD

Tot Ion:	252	Resp:	162969
Ion Ratio		Lower	Upper
252	100		
254	63.7	51.5	77.3
126	14.9	15.8	23.8#

Manual Integrations
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#82

Chrysene

Concen: 40.19 ng

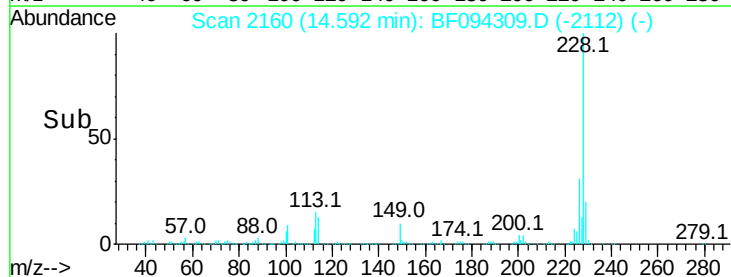
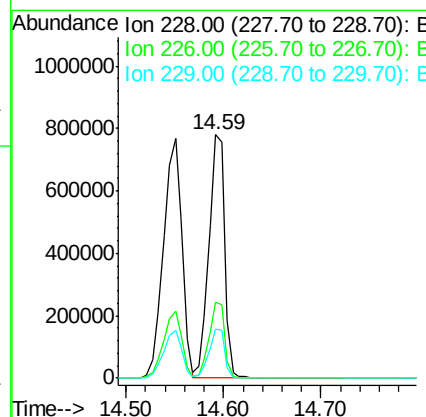
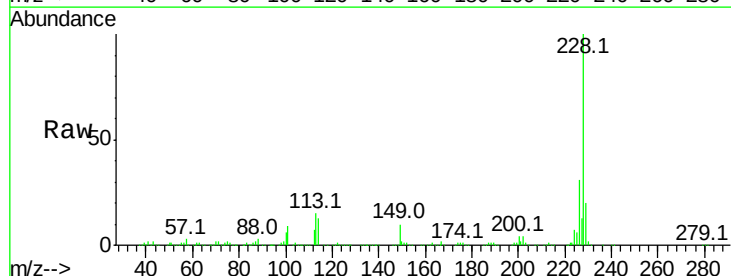
RT: 14.59 min Scan# 2160

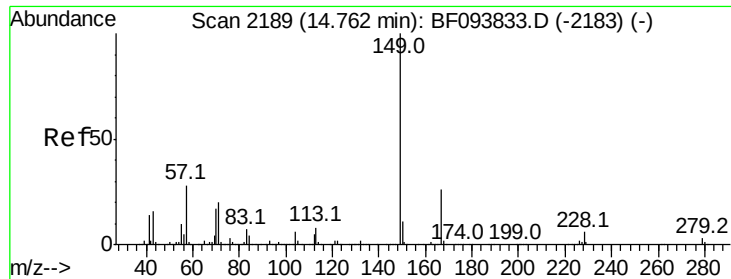
Delta R.T. -0.02 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Tgt Ion:	228	Resp:	878408
Ion Ratio		Lower	Upper
228	100		
226	31.4	24.9	37.3
229	20.0	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.09 ng

RT: 14.61 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

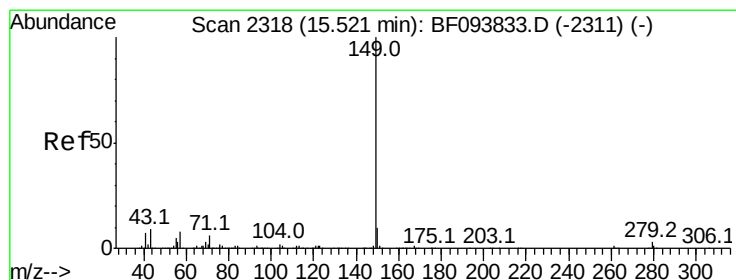
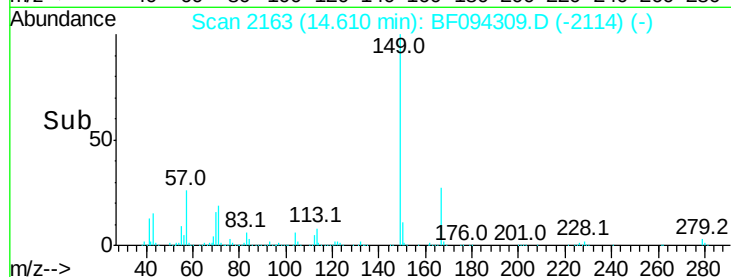
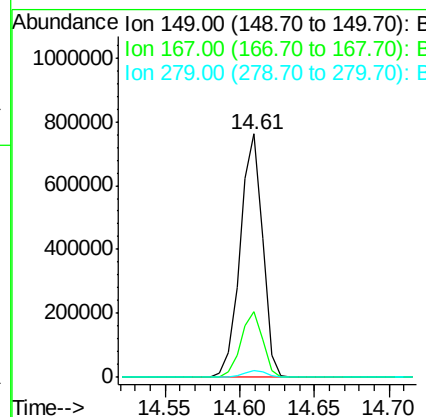
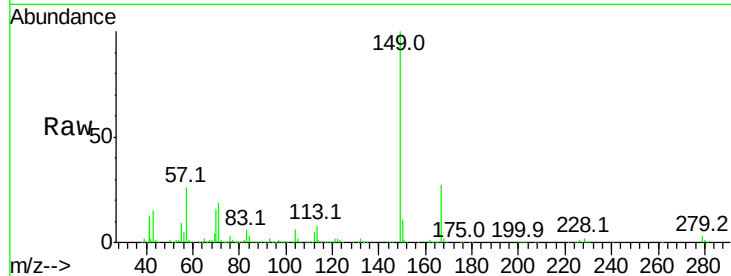
ClientSampleId :

PB98131BSD

Tot Ion:	149	Resp:	802424
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.0	31.4
279	3.0	1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 46.66 ng

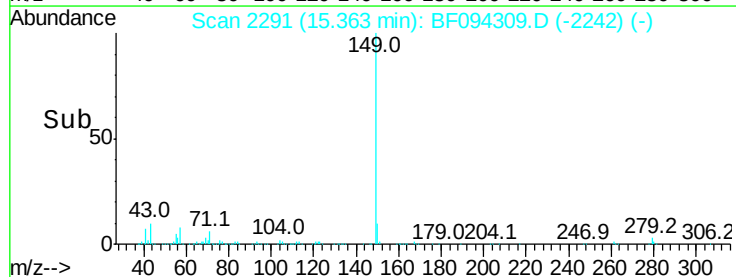
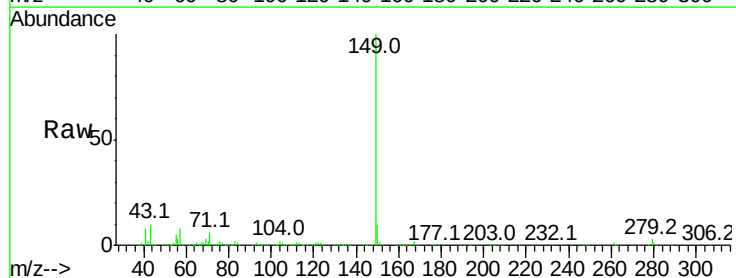
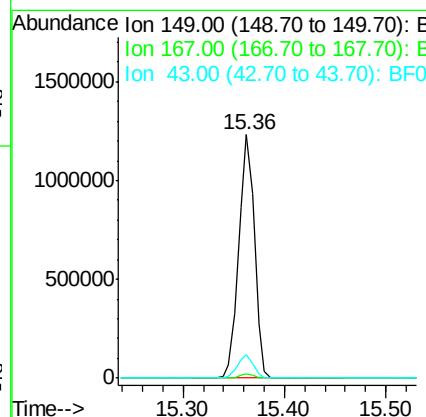
RT: 15.36 min Scan# 2291

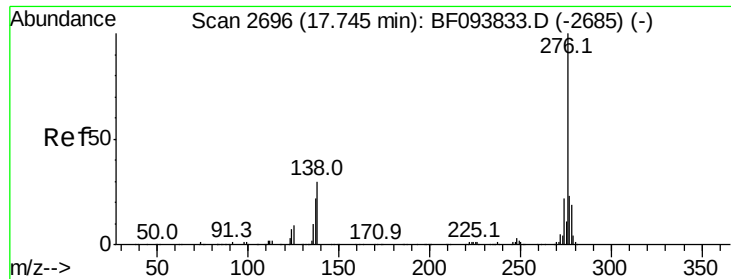
Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Tgt Ion:	149	Resp:	1328360
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	9.6	8.5	12.7





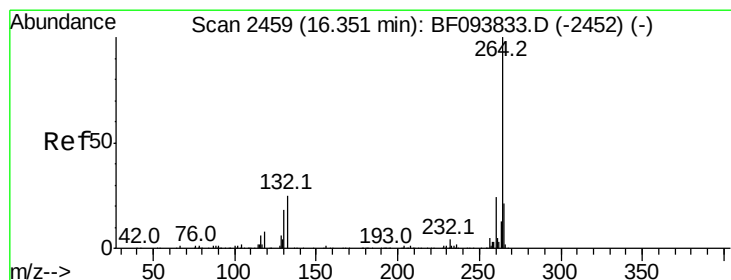
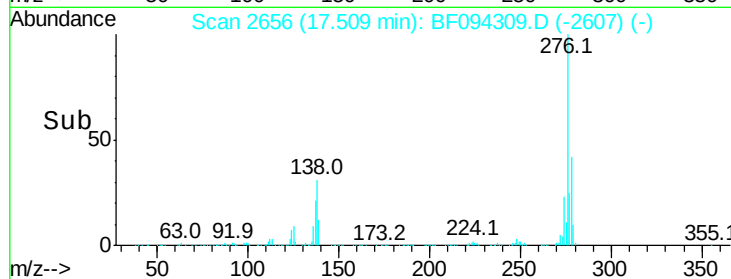
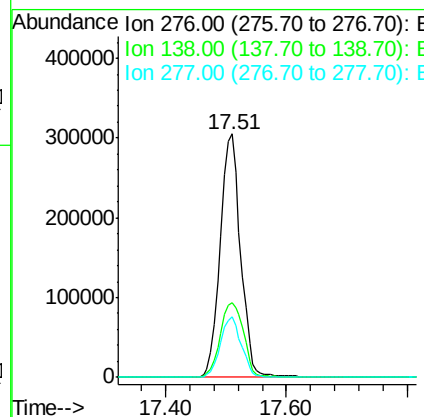
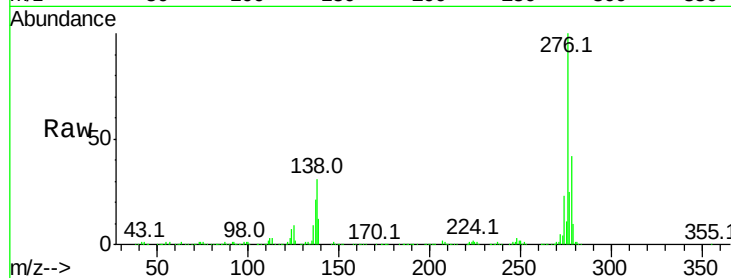
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.76 ng
 RT: 17.51 min Scan# 2656
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98131BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	27.8	41.6
277	25.5	20.2	30.4

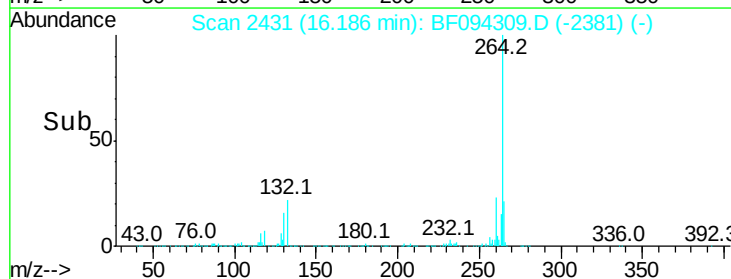
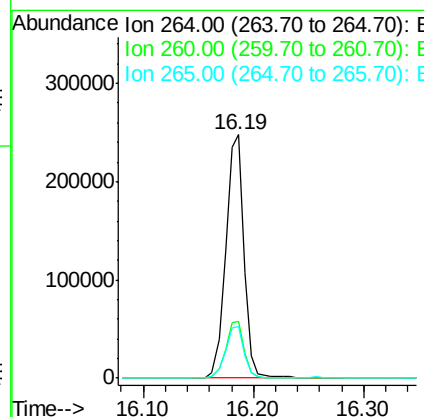
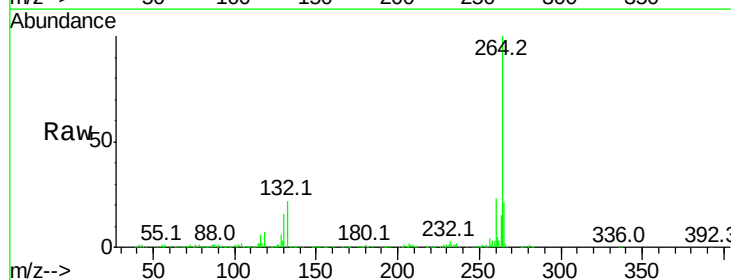
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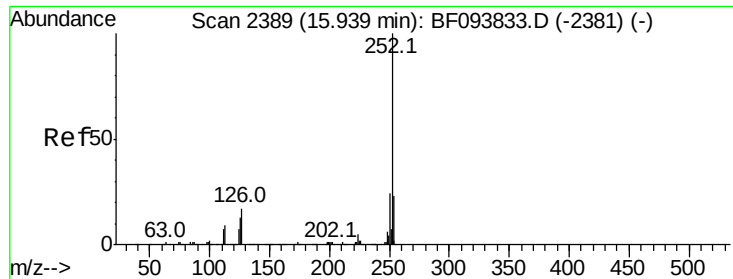
mohammad
 4/11/2017 12:53:04 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 2431
 Delta R.T. -0.01 min
 Lab File: BF094309.D
 Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.2	17.2	25.8





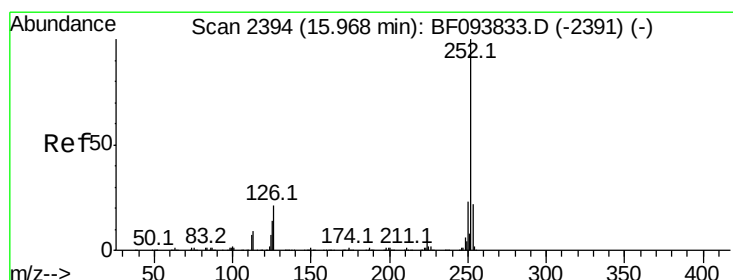
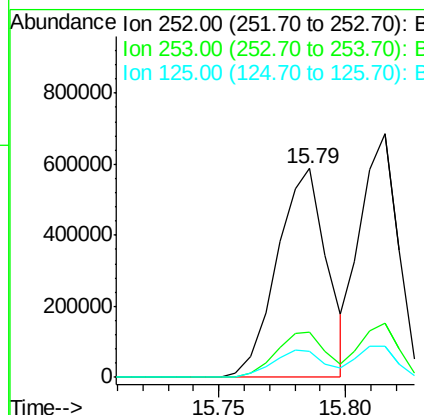
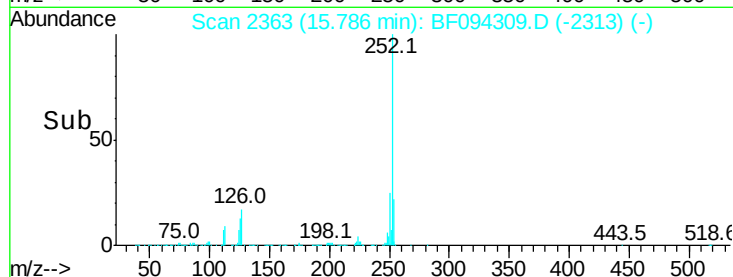
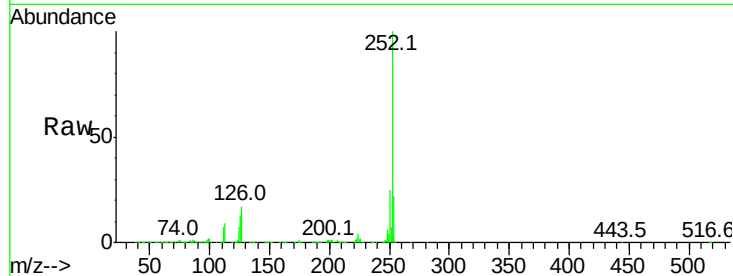
#87
Benzo(b)fluoranthene
Concen: 45.90 ng
RT: 15.79 min Scan# 2363
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :
PB98131BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	12.6	9.8	14.8

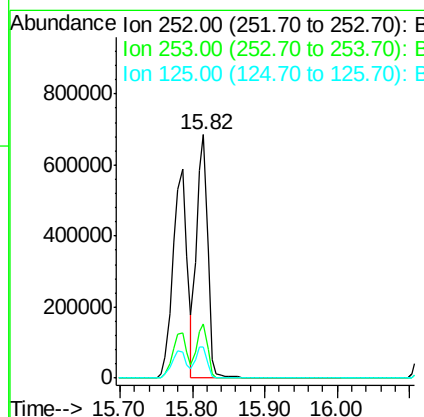
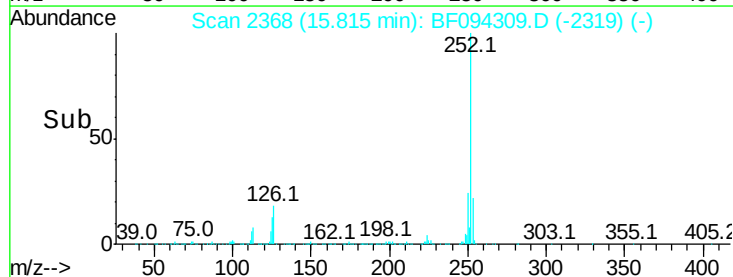
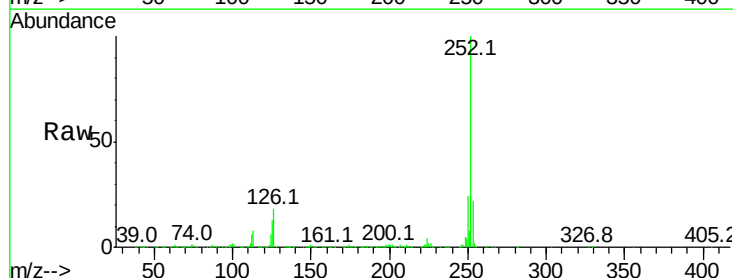
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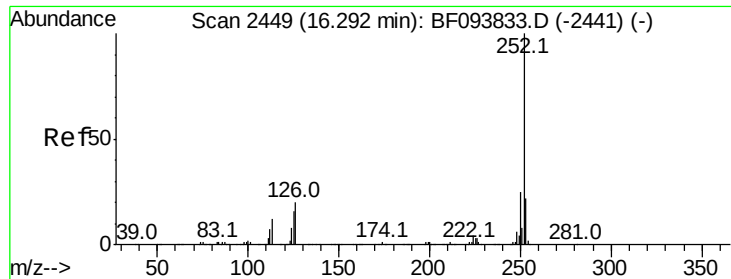
mohammad
4/11/2017 12:53:04 PM



#88
Benzo(k)fluoranthene
Concen: 42.56 ng
RT: 15.82 min Scan# 2368
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	12.8	13.1	19.7#





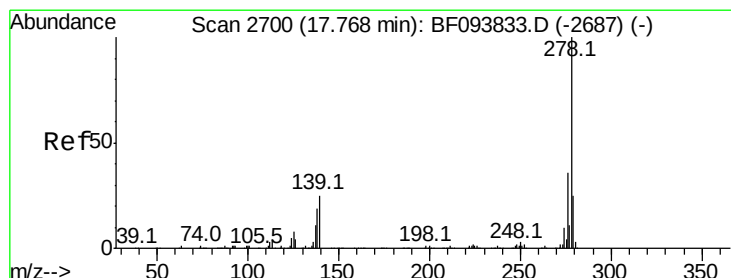
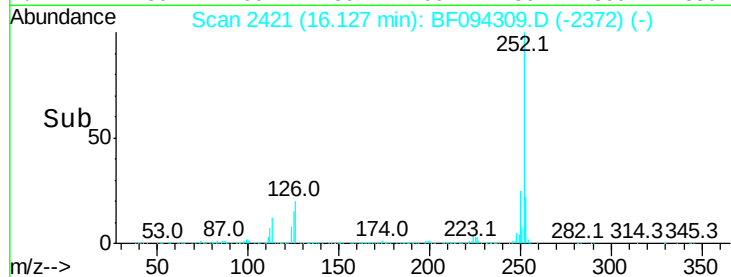
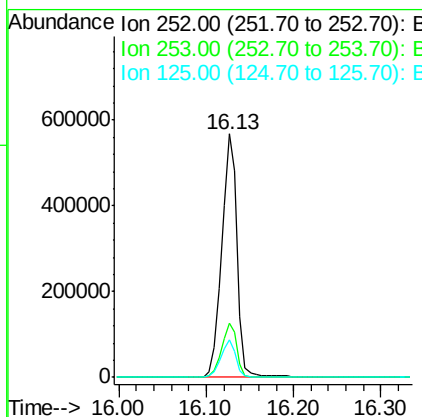
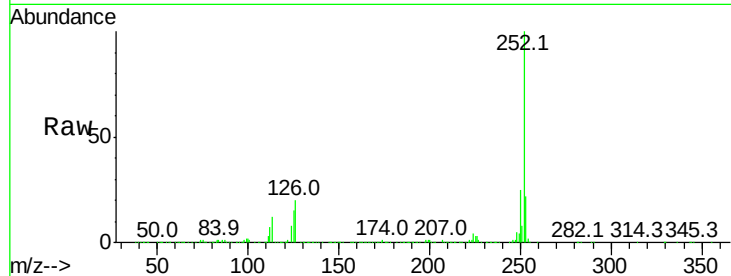
#89
Benzo(a)pyrene
Concen: 42.75 ng
RT: 16.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Instrument :
BNA_F
ClientSampleId :
PB98131BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	687586		
253	22.2		17.5	26.3
125	15.4		11.0	16.4

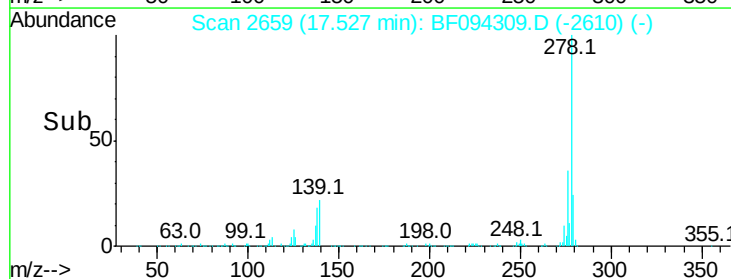
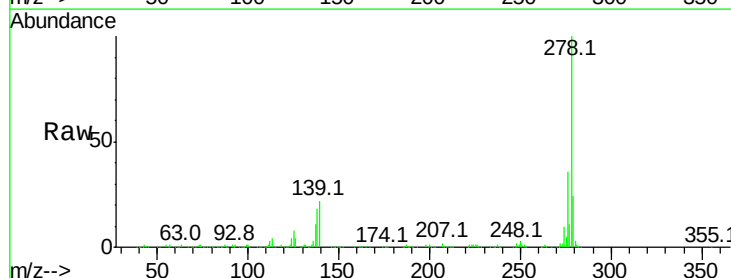
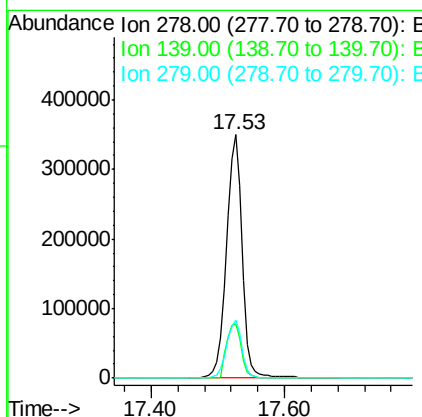
Manual Integrations
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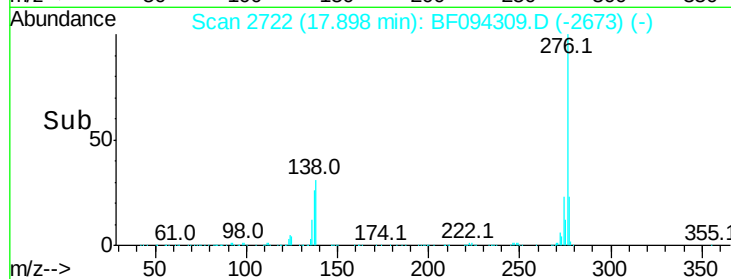
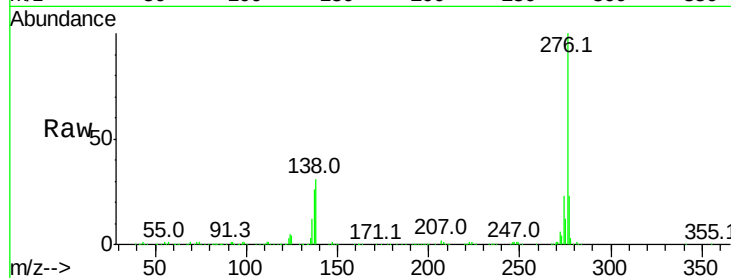
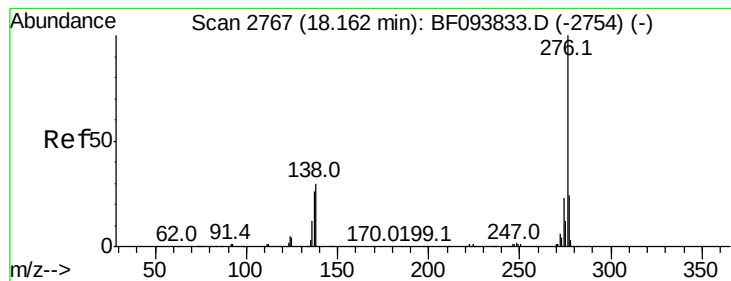
mohammad
4/11/2017 12:53:04 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.13 ng
RT: 17.53 min Scan# 2659
Delta R.T. -0.01 min
Lab File: BF094309.D
Acq: 10 Apr 2017 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	587475		
139	22.3		16.6	24.8
279	23.9		19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 44.43 ng

RT: 17.90 min Scan# 2722

Delta R.T. -0.01 min

Lab File: BF094309.D

Acq: 10 Apr 2017 14:21

Instrument :

BNA_F

ClientSampleId :

PB98131BSD

Tot Ion: 276 Resp: 609863

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 31.1 25.4 38.0

Manual Integrations

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4/11/2017 12:53:04 PM

