

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092309.D
 Acq On : 17 Jan 2017 4:41
 Operator : UM/SJ
 Sample : PB96013BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BSD

Manual Integrations
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 1/17/2017 4:58:12 PM

Quant Time: Jan 17 06:30:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 00:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	170848	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	651416	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	394764	20.00	ng	-0.01
63) Phenanthrene-d10	11.08	188	595024	20.00	ng	0.00
75) Chrysene-d12	13.70	240	313119	20.00	ng	-0.01
86) Perylene-d12	15.06	264	403410	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	771836	75.43	ng	0.01
7) Phenol-d6	6.23	99	999015	79.97	ng	0.00
23) Nitrobenzene-d5	7.14	82	1031200	88.02	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	238624	73.04	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	1691454	88.29	ng	0.00
78) Terphenyl-d14	12.66	244	1327223	102.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.05	88	194041	38.52	ng	# 94
3) Pyridine	2.67	79	526817	29.96	ng	97
4) n-Nitrosodimethylamine	2.62	42	239063	36.05	ng	97
6) Aniline	6.22	93	260578	16.06	ng	# 51
8) 2-Chlorophenol	6.36	128	515219	44.27	ng	87
9) Benzaldehyde	6.12	77	27578	2.73	ng	96
10) Phenol	6.24	94	715359	50.25	ng	# 69
11) bis(2-Chloroethyl)ether	6.30	93	473802	41.83	ng	96
12) 1,3-Dichlorobenzene	6.50	146	516374m	41.56	ng	
13) 1,4-Dichlorobenzene	6.58	146	546462	43.21	ng	100
14) 1,2-Dichlorobenzene	6.74	146	497079	45.30	ng	98
15) Benzyl Alcohol	6.72	79	400991	41.31	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.86	45	740324	43.89	ng	55
17) 2-Methylphenol	6.86	107	414758	44.31	ng	# 87
18) Hexachloroethane	7.07	117	194183	41.42	ng	# 86
19) n-Nitroso-di-n-propylamine	7.00	70	420378	50.58	ng	94
20) 3+4-Methylphenols	7.01	107	577335	51.71	ng	# 70
22) Acetophenone	6.99	105	787654	49.02	ng	# 90
24) Nitrobenzene	7.16	77	590807	47.35	ng	91
25) Isophorone	7.40	82	958883	44.37	ng	95
26) 2-Nitrophenol	7.48	139	279966	45.50	ng	# 86
27) 2,4-Dimethylphenol	7.54	122	461390	45.21	ng	97
28) bis(2-Chloroethoxy)methane	7.62	93	588133	44.87	ng	98
29) 2,4-Dichlorophenol	7.73	162	410716	47.53	ng	93
30) 1,2,4-Trichlorobenzene	7.80	180	422770	44.64	ng	97
31) Naphthalene	7.88	128	1382714	46.38	ng	98
32) Benzoic acid	7.70	122	259978	34.35	ng	96
33) 4-Chloroaniline	7.94	127	98457	7.32	ng	98
34) Hexachlorobutadiene	7.99	225	218561	43.72	ng	98
35) Caprolactam	8.31	113	126668m	44.60	ng	
36) 4-Chloro-3-methylphenol	8.44	107	417620	42.00	ng	95
37) 2-Methylnaphthalene	8.56	142	924440	56.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	443195	44.44	ng	99
40) Hexachlorocyclopentadiene	8.71	237	200743	46.92	ng	95

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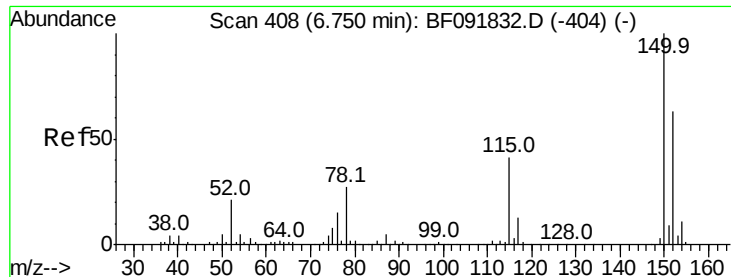
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	261193	37.45	nq	97
43) 2,4,5-Trichlorophenol	8.91	196	301080	41.94	nq	# 92
45) 1,1'-Biphenyl	9.03	154	1387050	51.32	nq	99
46) 2-Chloronaphthalene	9.06	162	1007289	47.06	nq	97
47) 2-Nitroaniline	9.16	65	334755	43.92	nq	95
48) Acenaphthylene	9.46	152	1417159	43.05	nq	99
49) Dimethylphthalate	9.34	163	1169860	46.33	nq	99
50) 2,6-Dinitrotoluene	9.40	165	244529	44.25	nq	# 59
51) Acenaphthene	9.63	154	894626	40.08	nq	99
52) 3-Nitroaniline	9.57	138	106420	15.56	nq	86
53) 2,4-Dinitrophenol	9.70	184	170626	55.49	nq	# 89
54) Dibenzofuran	9.80	168	1269602	42.12	nq	98
55) 4-Nitrophenol	9.76	139	297351m	64.03	nq	
56) 2,4-Dinitrotoluene	9.81	165	318499	45.92	nq	98
57) Fluorene	10.14	166	893766	40.76	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	263294	46.38	nq	93
59) Diethylphthalate	10.04	149	1160090	47.31	nq	98
60) 4-Chlorophenyl-phenylether	10.14	204	436531	45.46	nq	92
61) 4-Nitroaniline	10.19	138	262321	37.01	nq	79
62) Azobenzene	10.30	77	1324770	49.07	nq	93
64) 4,6-Dinitro-2-methylphenol	10.22	198	151469	42.10	nq	99
65) n-Nitrosodiphenylamine	10.27	169	961201	54.44	nq	99
66) 4-Bromophenyl-phenylether	10.62	248	297410	48.05	nq	91
67) Hexachlorobenzene	10.69	284	288150	43.55	nq	# 89
68) Atrazine	10.80	200	287456	50.47	nq	93
69) Pentachlorophenol	10.90	266	217831	67.10	nq	99
70) Phenanthrene	11.10	178	1499369	46.47	nq	98
71) Anthracene	11.15	178	1387032	50.66	nq	99
72) Carbazole	11.31	167	1226119	47.15	nq	98
73) Di-n-butylphthalate	11.65	149	1620794	53.82	nq	99
74) Fluoranthene	12.28	202	1227792	43.22	nq	97
76) Benzidine	12.42	184	455778	62.33	nq	96
77) Pyrene	12.51	202	1228835	53.49	nq	98
79) Butylbenzylphthalate	13.14	149	569679	54.52	nq	92
80) Benzo(a)anthracene	13.69	228	918177	51.95	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	210425	31.40	nq	# 95
82) Chrysene	13.73	228	903174	50.94	nq	97
83) Bis(2-ethylhexyl)phthalate	13.70	149	708473	57.58	nq	# 100
84) Di-n-octyl phthalate	14.31	149	1188497	52.14	nq	98
85) Indeno(1,2,3-cd)pyrene	16.28	276	1201991	78.26	nq	97
87) Benzo(b)fluoranthene	14.69	252	1009133m	40.18	nq	
88) Benzo(k)fluoranthene	14.71	252	914588m	42.70	nq	
89) Benzo(a)pyrene	15.00	252	988620	44.35	nq	98
90) Dibenzo(a,h)anthracene	16.29	278	991973	54.14	nq	99
91) Benzo(g,h,i)perylene	16.65	276	1058555	55.56	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092309.D

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Instrument :

BNA_F

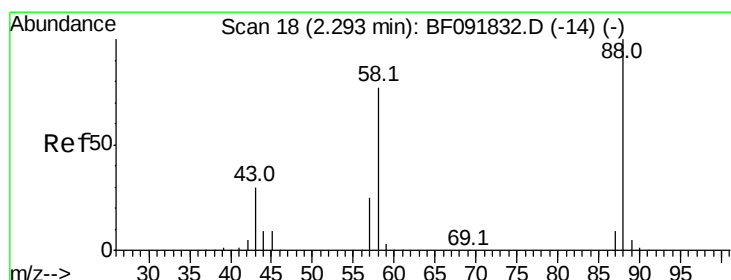
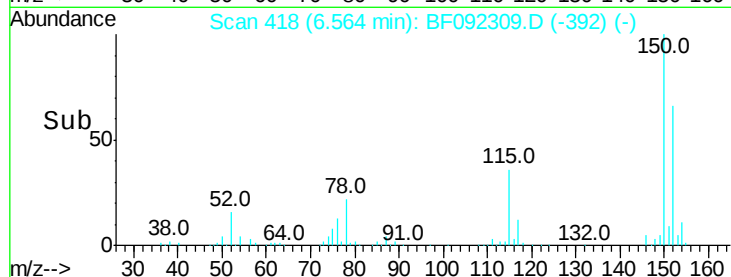
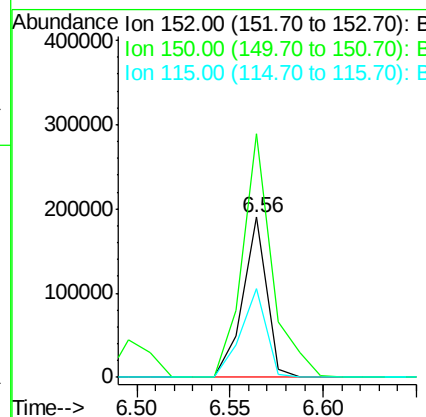
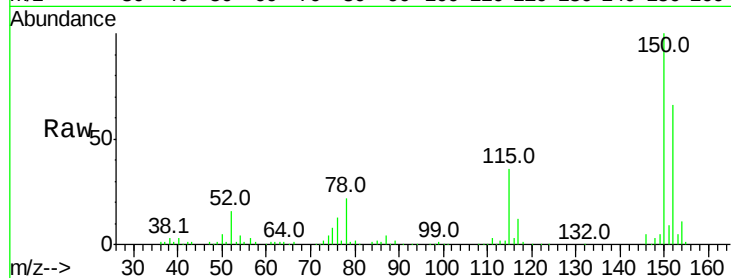
ClientSampleId :

PB96013BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.9	187.3
115	55.2	46.0	69.0

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#2

1,4-Dioxane

Concen: 38.52 ng

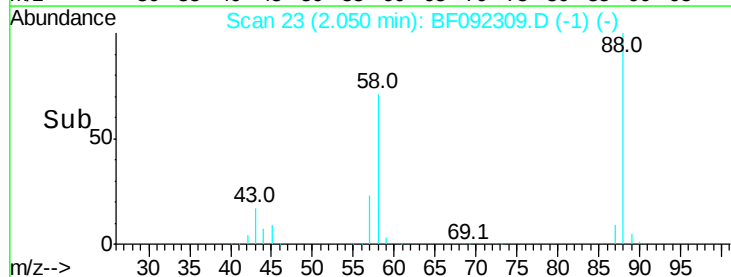
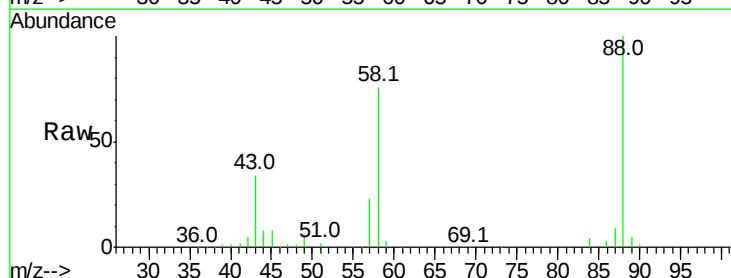
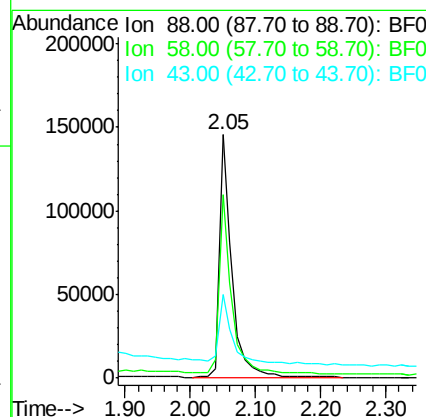
RT: 2.05 min Scan# 23

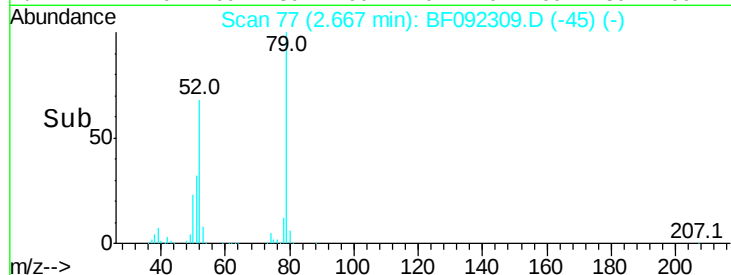
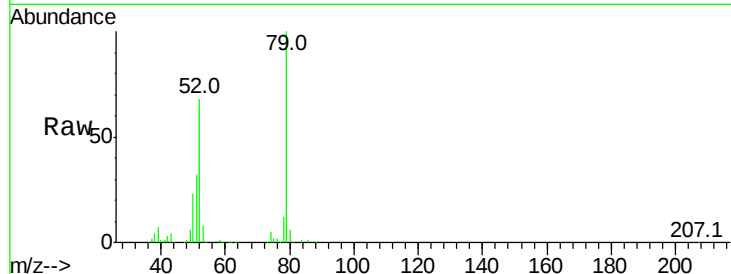
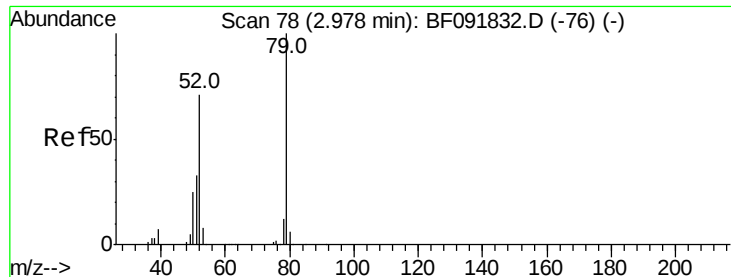
Delta R.T. 0.07 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.5	57.8	86.8
43	35.3	22.3	33.5





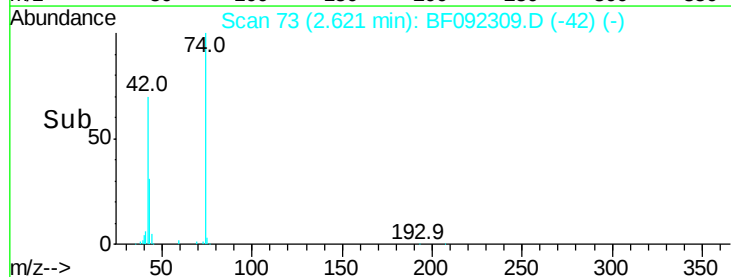
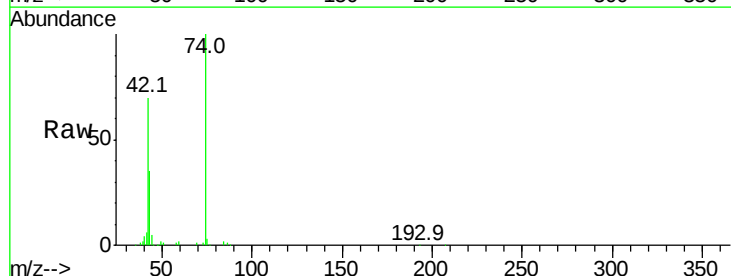
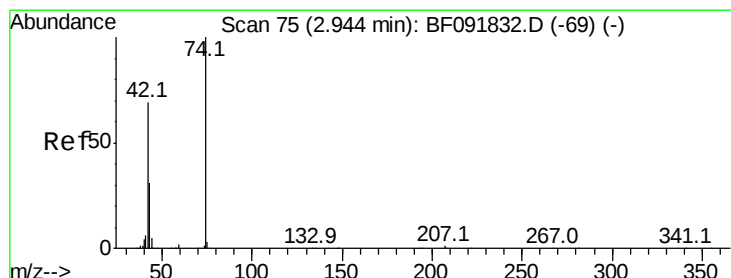
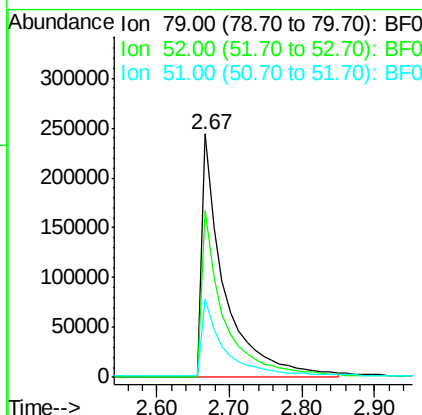
#3
Pvridine
Concen: 29.96 ng
RT: 2.67 min Scan# 77
Delta R.T. 0.07 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.3	57.1	85.7
51	32.4	27.3	40.9

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PB96013BSD

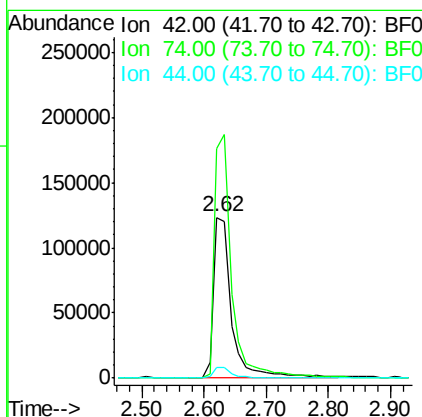
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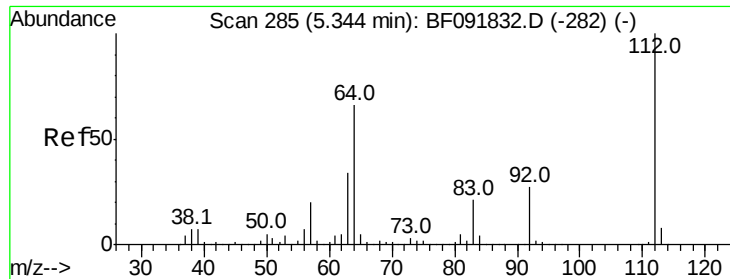
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#4
n-Nitrosodimethylamine
Concen: 36.05 ng
RT: 2.62 min Scan# 73
Delta R.T. 0.06 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.9	117.0	175.4
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 75.43 ng

RT: 5.16 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Instrument :

BNA_F

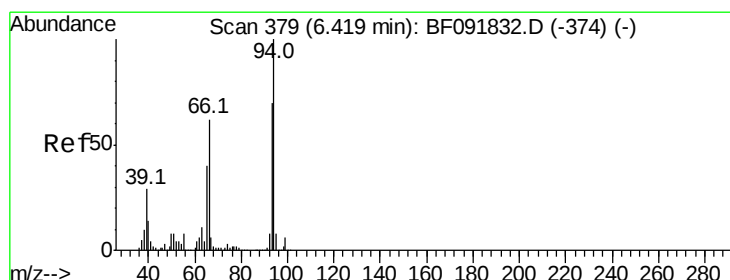
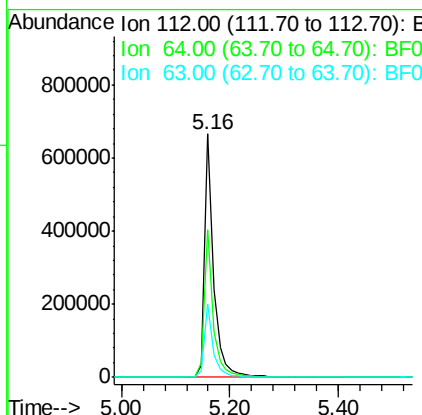
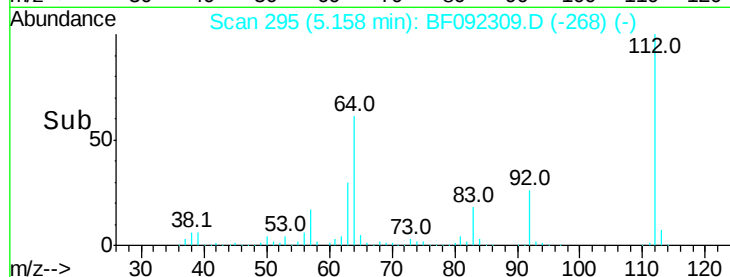
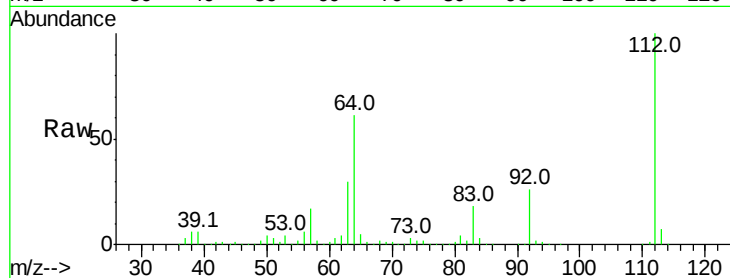
ClientSampleId :

PB96013BSD

Tot Ion:	112	Resp:	771836
Ion Ratio	Lower	Upper	
112	100		
64	60.6	46.1	69.1
63	30.1	23.8	35.6

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#6

Aniline

Concen: 16.06 ng

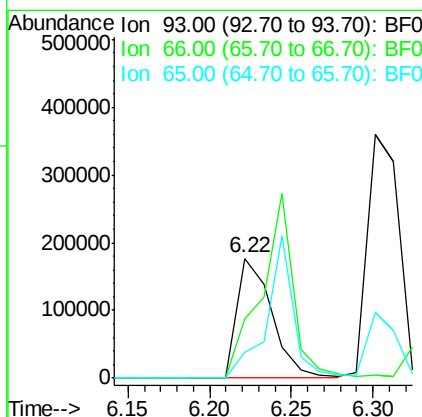
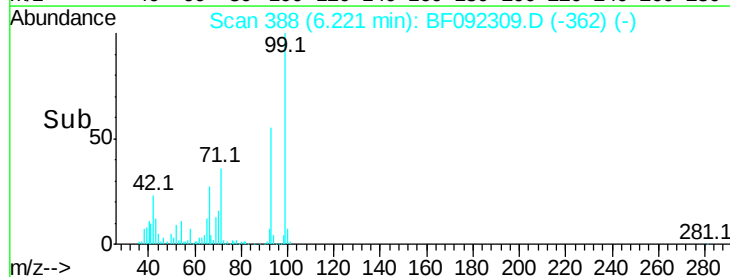
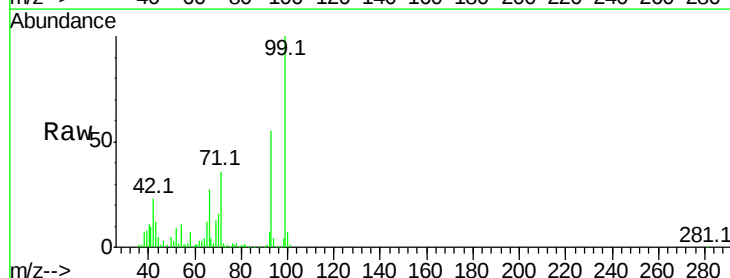
RT: 6.22 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Tgt Ion:	93	Resp:	260578
Ion Ratio	Lower	Upper	
93	100		
66	49.6	76.2	114.2#
65	21.8	49.3	73.9#





#7

Phenol-d6

Concen: 79.97 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Instrument :

BNA_F

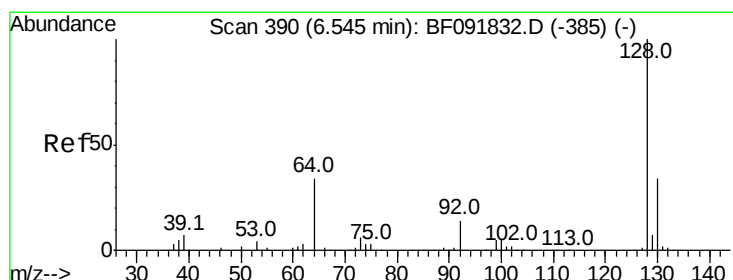
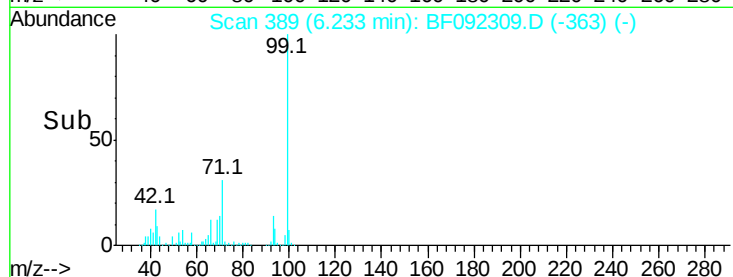
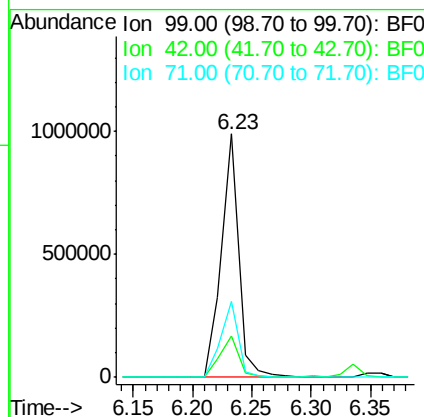
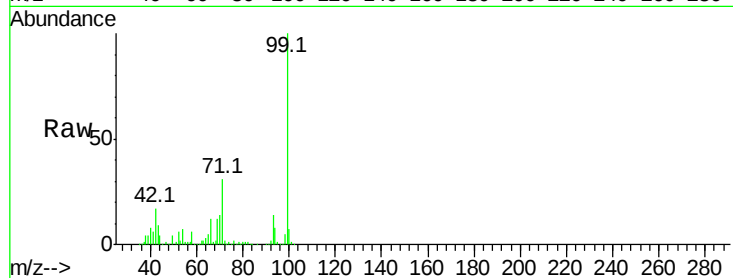
ClientSampled :

PB96013BSD

Tot Ion:	99	Resp:	999015
Ion Ratio	Lower	Upper	
99	100		
42	16.9	15.6	23.4
71	31.0	27.5	41.3

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#8

2-Chlorophenol

Concen: 44.27 ng

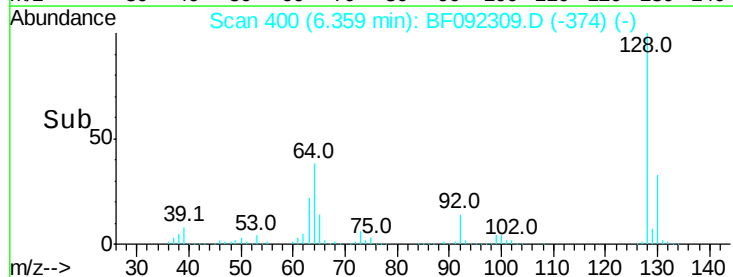
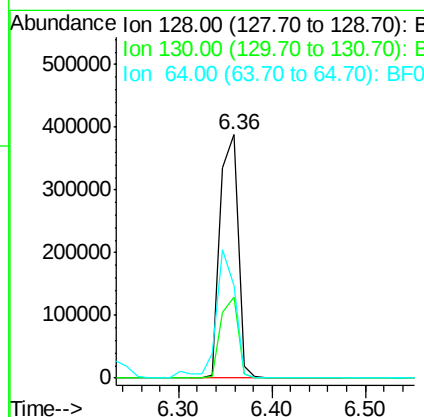
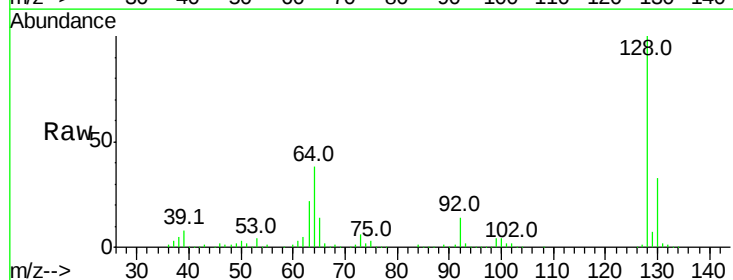
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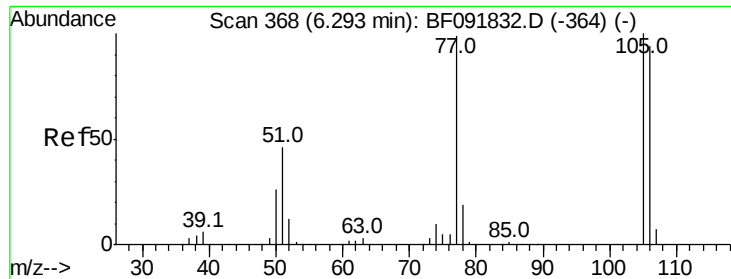
Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Tgt Ion:	128	Resp:	515219
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.3	52.3
64	38.2	32.2	72.2





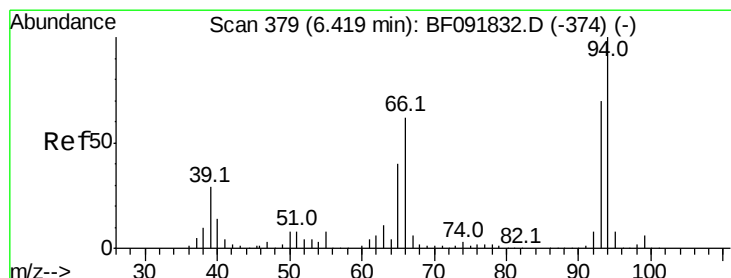
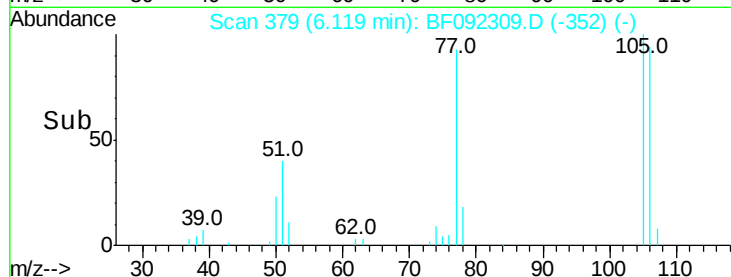
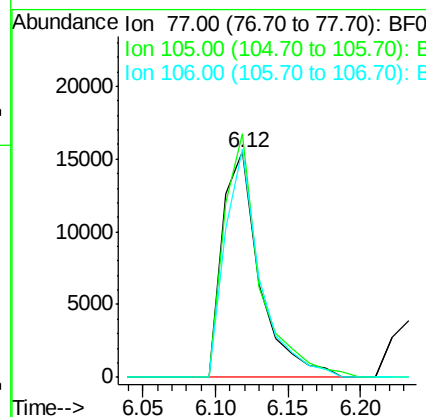
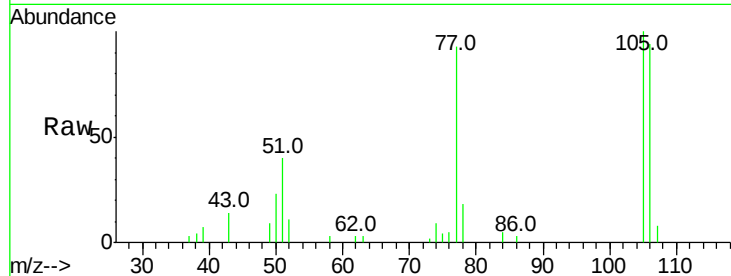
#9
Benzaldehyde
Concen: 2.73 ng
RT: 6.12 min Scan# 379
Delta R.T. 0.01 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Instrument :
BNA_F
ClientSampleId :
PB96013BSD

Tot Ion: 77 Resp: 27578
Ion Ratio Lower Upper
77 100
105 108.0 83.9 123.9
106 101.4 77.6 117.6

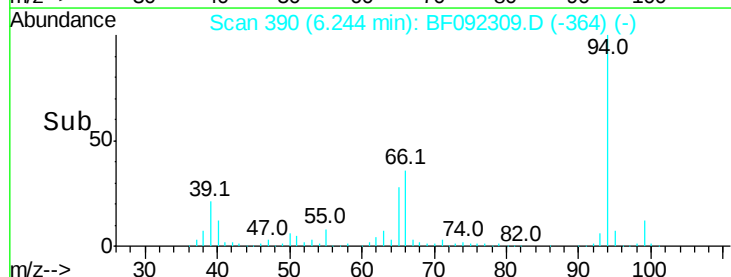
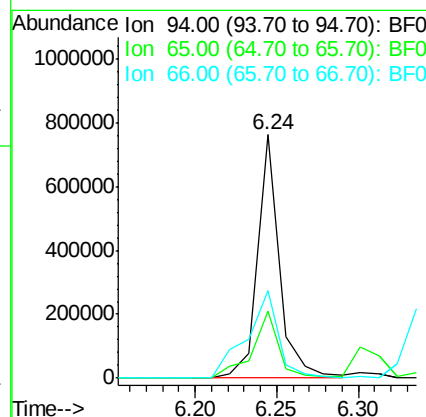
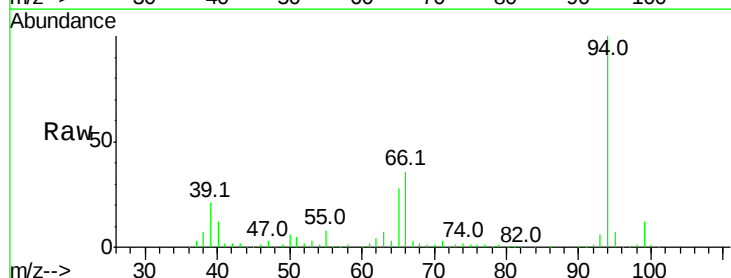
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#10
Phenol
Concen: 50.25 ng
RT: 6.24 min Scan# 390
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Tgt Ion: 94 Resp: 715359
Ion Ratio Lower Upper
94 100
65 27.5 21.4 61.4
66 35.7 44.0 84.0#





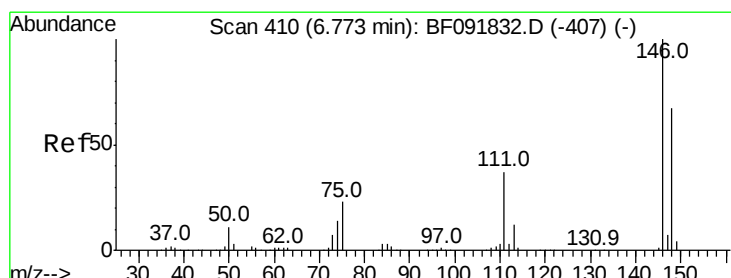
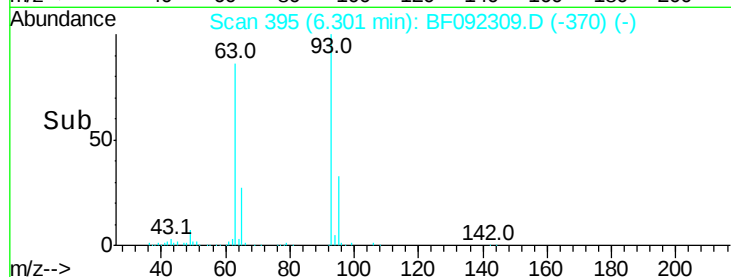
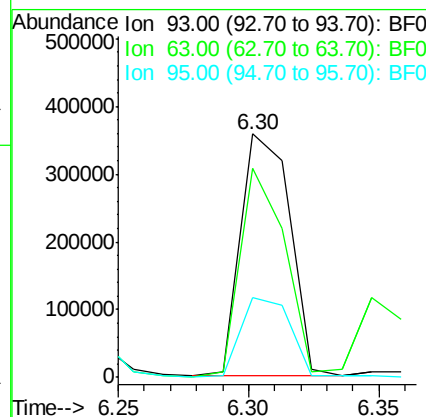
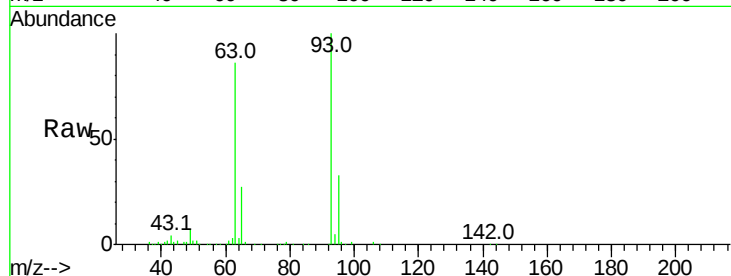
#11
bis(2-Chloroethyl)ether
Concen: 41.83 ng
RT: 6.30 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Instrument :
BNA_F
ClientSampleId :
PB96013BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.8	60.4	100.4
95	32.6	12.8	52.8

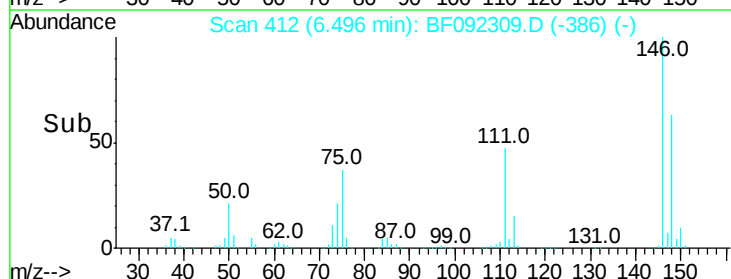
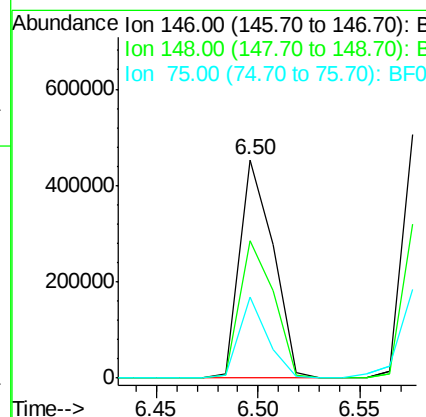
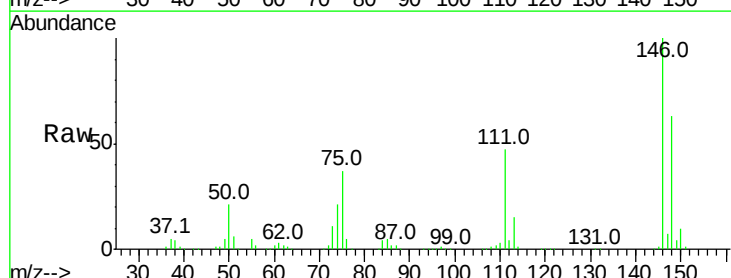
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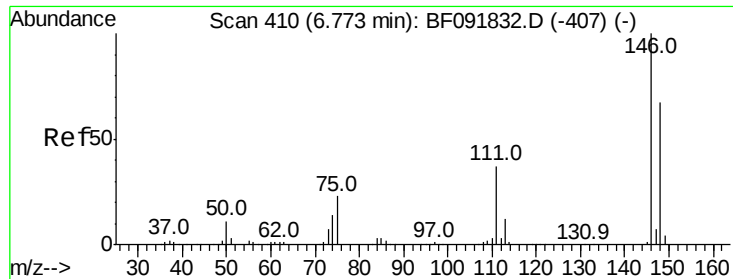
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.56 ng m
RT: 6.50 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	53.4	80.0
75	36.9	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 43.21 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Instrument :

BNA_F

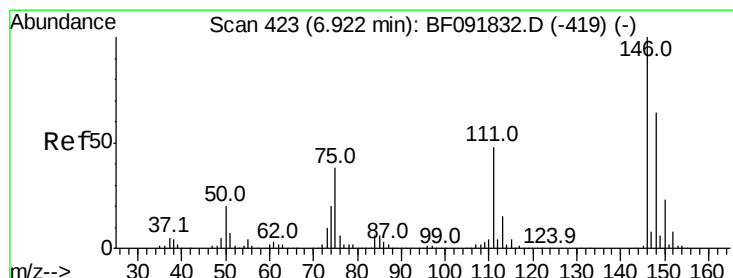
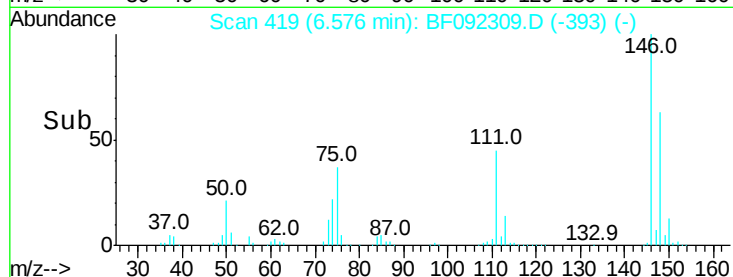
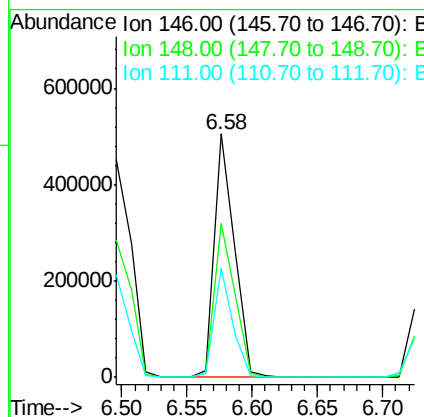
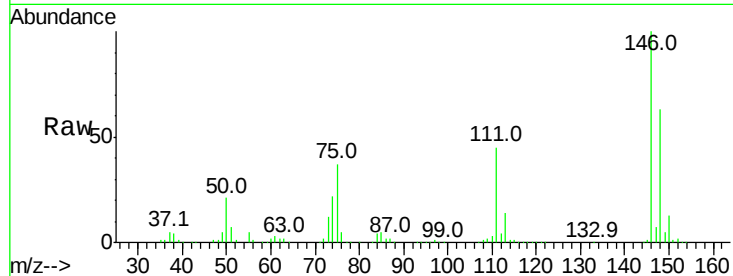
ClientSampleId :

PB96013BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	76.0
111	44.8	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 45.30 ng

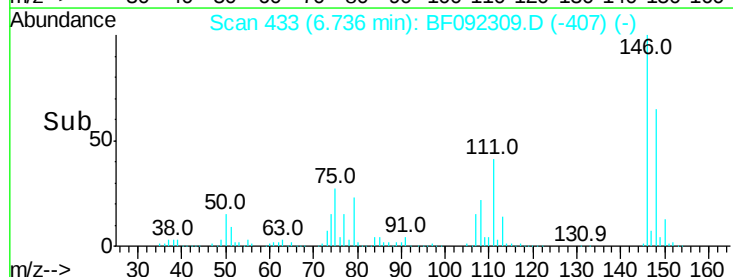
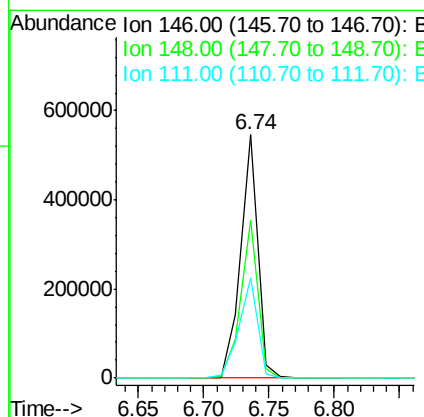
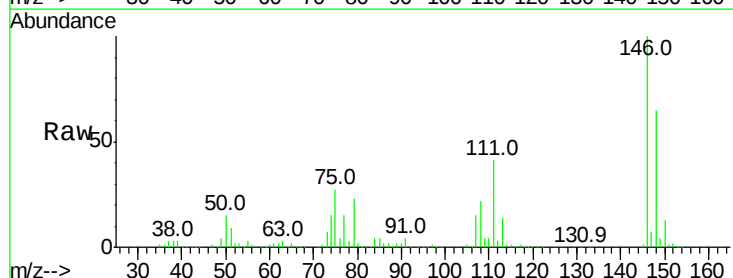
RT: 6.74 min Scan# 433

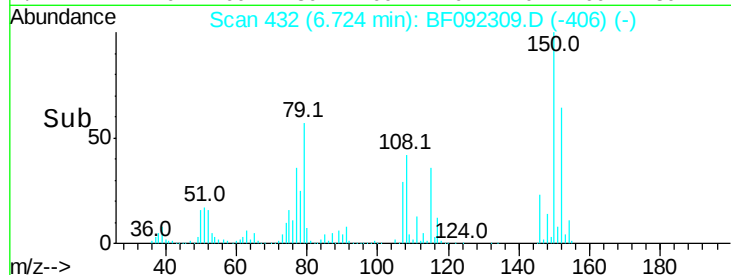
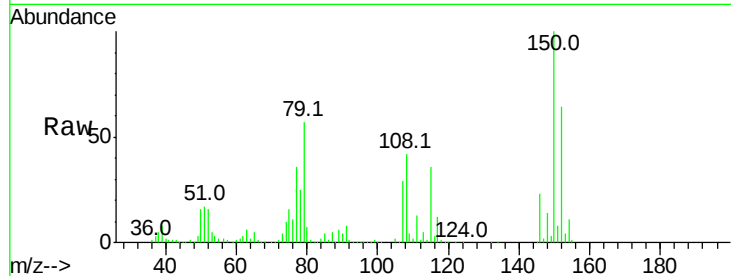
Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.2	78.2
111	41.4	36.2	54.2





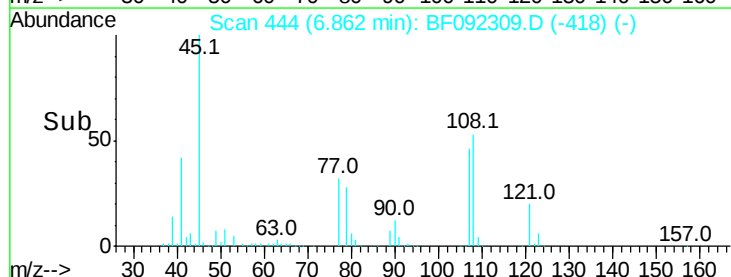
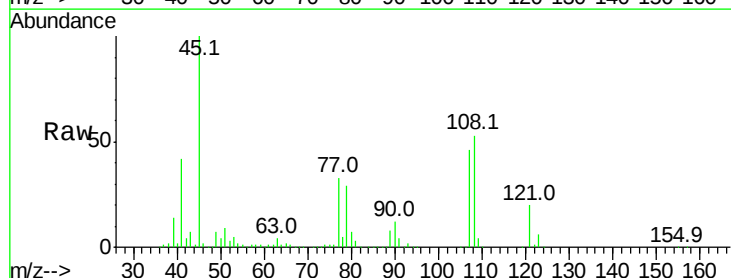
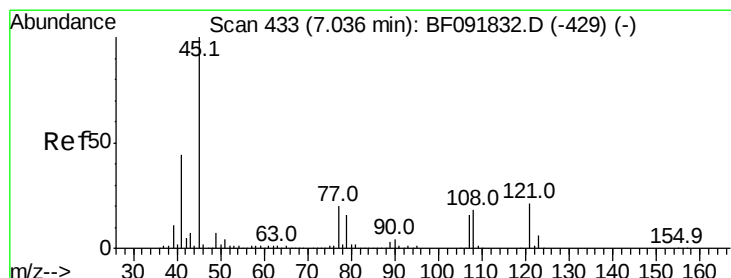
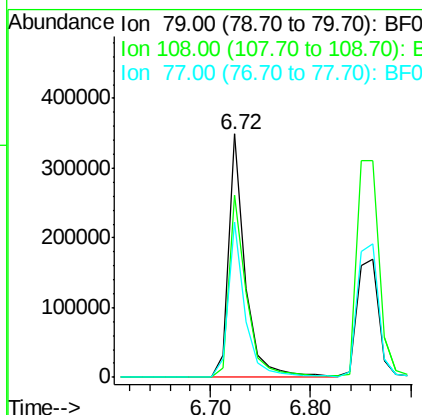
#15
Benzyl Alcohol
Concen: 41.31 ng
RT: 6.72 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	74.7	61.4	92.0	
77	63.8	50.9	76.3	

Instrument :
BNA_F
ClientSampleId :
PB96013BSD

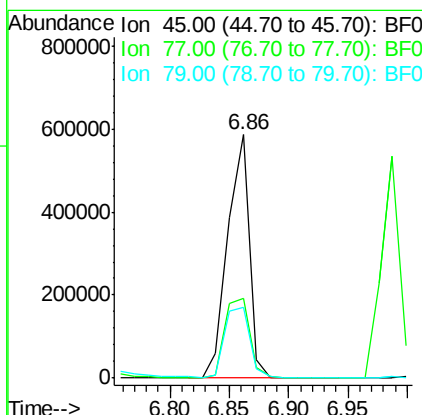
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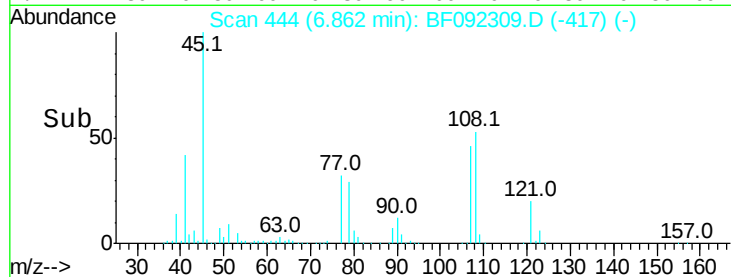
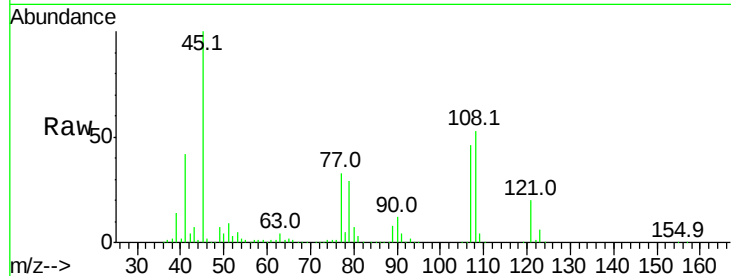
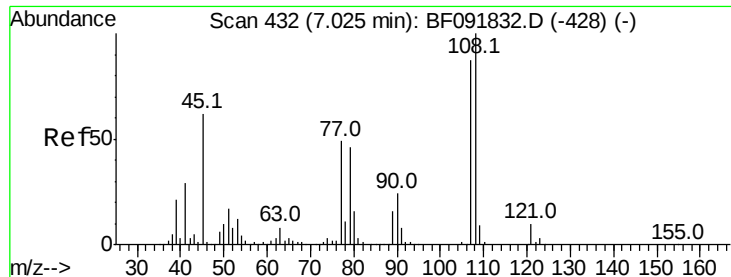
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.89 ng
RT: 6.86 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	32.7	0.0	34.6	
79	29.0	0.0	31.2	





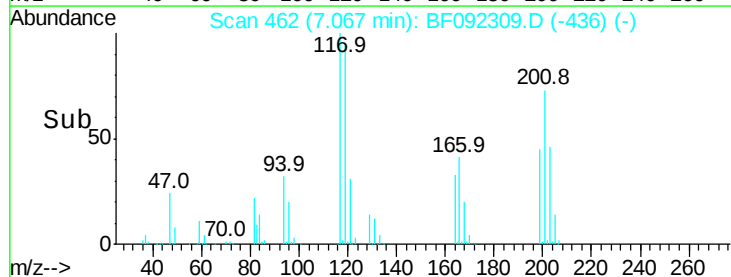
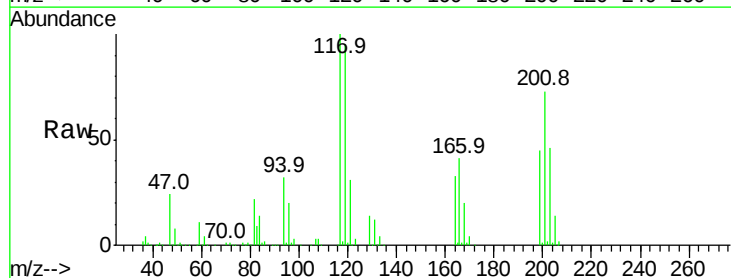
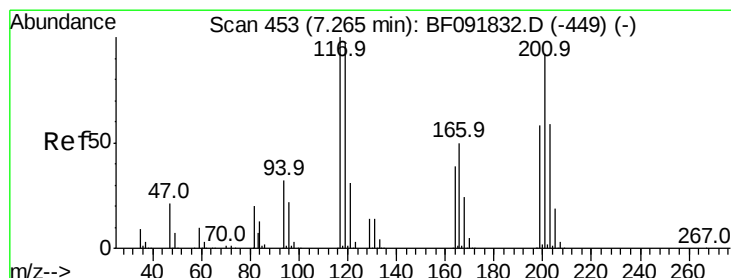
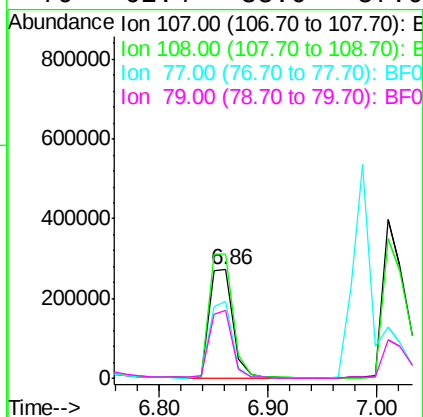
#17
2-Methylphenol
Concen: 44.31 ng
RT: 6.86 min Scan# 444
Delta R.T. 0.01 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	93.0	139.6	
77	70.4	39.8	59.8	
79	62.4	38.0	57.0	

Instrument :
BNA_F
ClientSampleId :
PB96013BSD

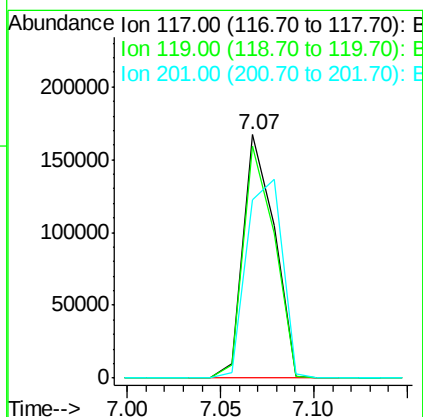
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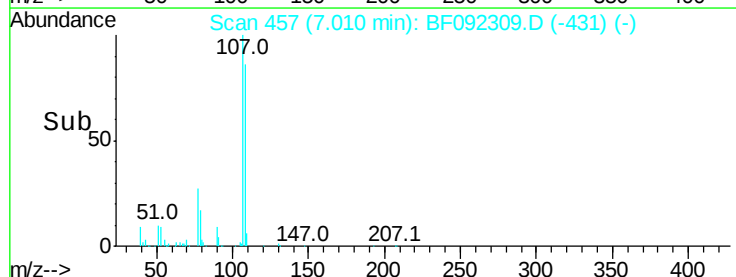
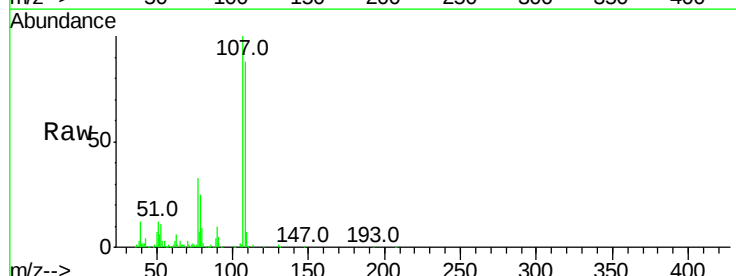
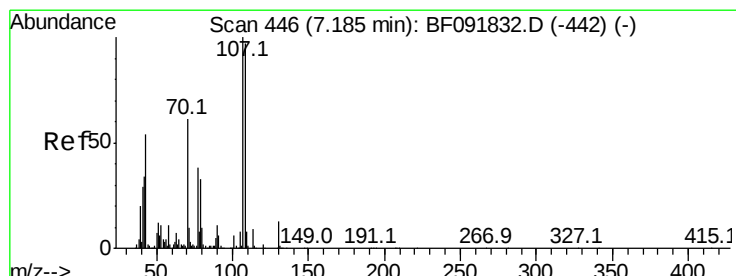
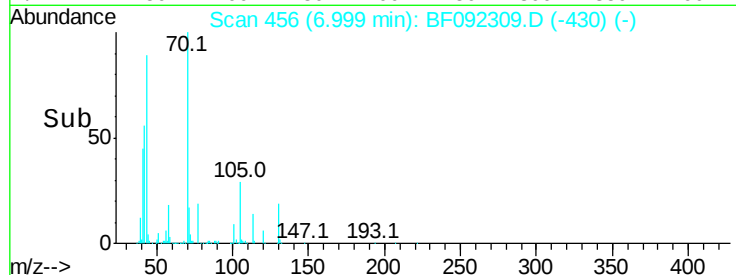
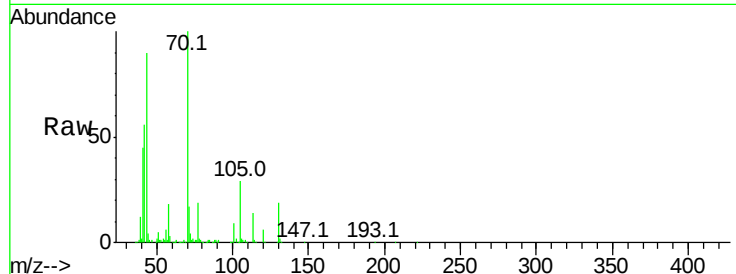
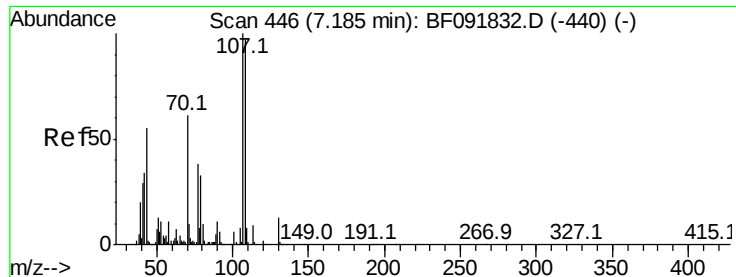
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#18
Hexachloroethane
Concen: 41.42 ng
RT: 7.07 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	78.1	117.1	
201	73.3	78.6	117.8	





#19

n-Nitroso-di-n-propylamine

Concen: 50.58 ng

RT: 7.00 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF092309.D

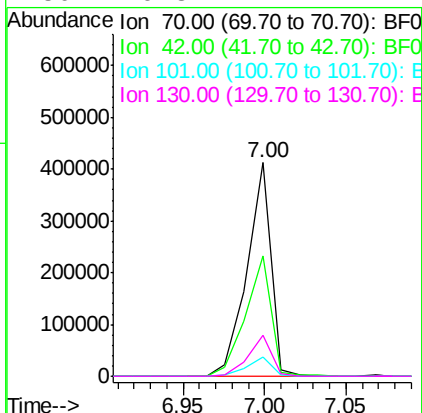
Acq: 17 Jan 2017 4:41

Instrument :
BNA_F
ClientSampleId :
PB96013BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.4	49.4	74.0
101	9.1	7.4	11.2
130	19.3	14.2	21.4

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#20

3+4-Methylphenols

Concen: 51.71 ng

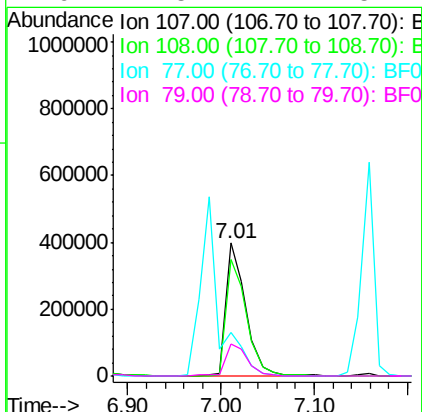
RT: 7.01 min Scan# 457

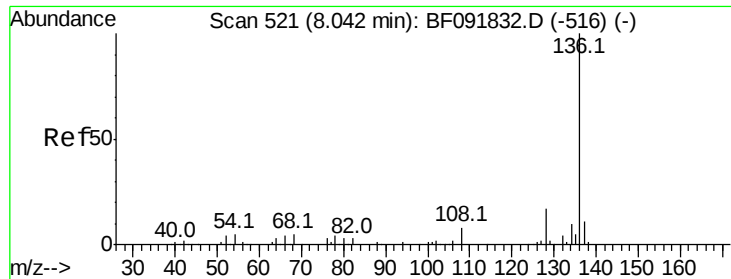
Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	73.0	113.0
77	32.6	71.3	111.3#
79	24.5	11.1	51.1





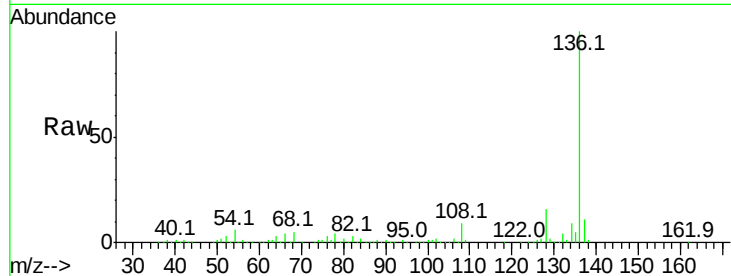
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Instrument :
BNA_F
ClientSampleId :
PB96013BSD

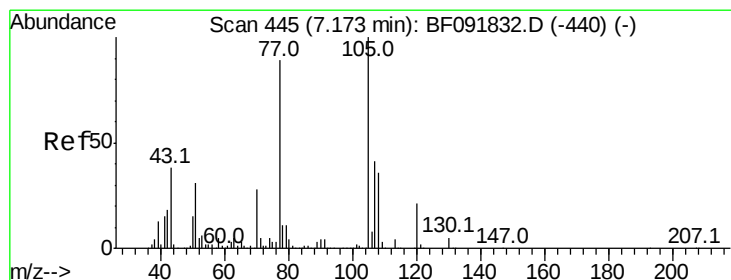
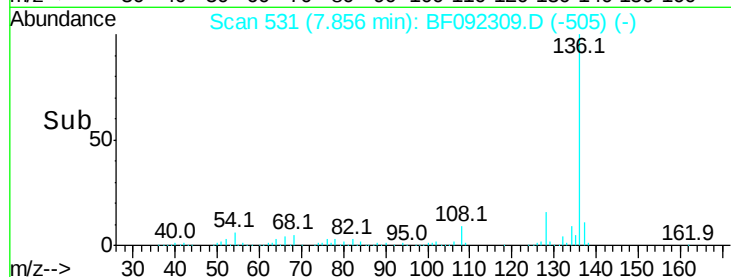
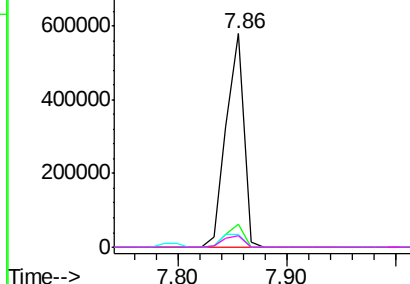
Tot Ion	Ratio	Resp	Lower	Upper
136	100	651416		
137	10.6		8.4	12.6
54	6.1		4.5	6.7
68	5.1		3.6	5.4

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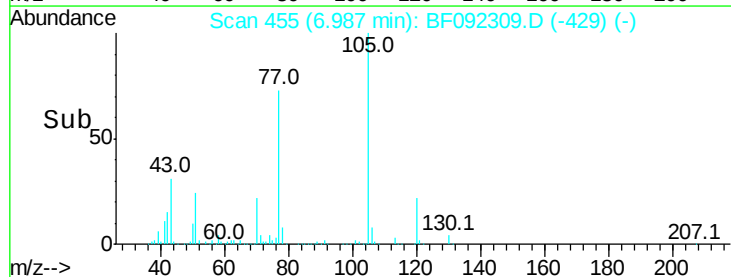
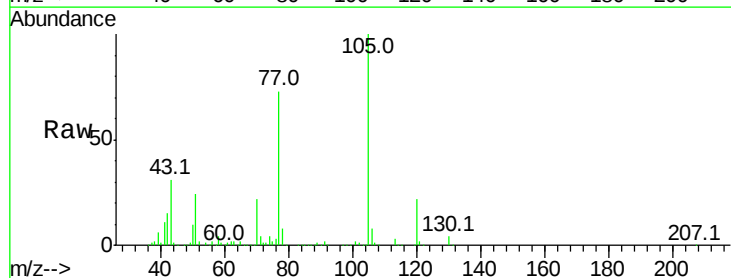
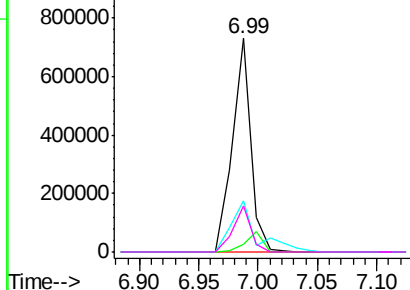
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

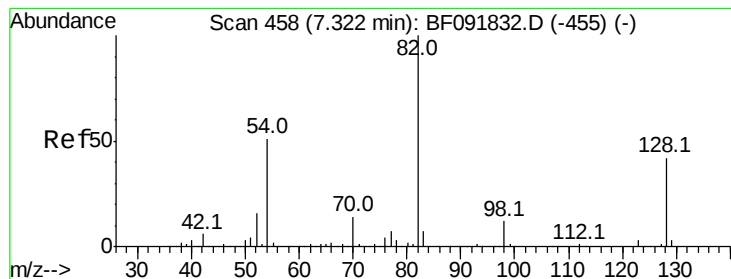


#22
Acetophenone
Concen: 49.02 ng
RT: 6.99 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	787654		
71	3.6		3.2	4.8
51	23.8		26.2	39.4
120	21.8		16.6	24.8

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 88.02 ng

RT: 7.14 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Instrument :

BNA_F

ClientSampleId :

PB96013BSD

Tot Ion: 82 Resp: 1031200

Ion Ratio Lower Upper

82 100

128 41.8 34.6 52.0

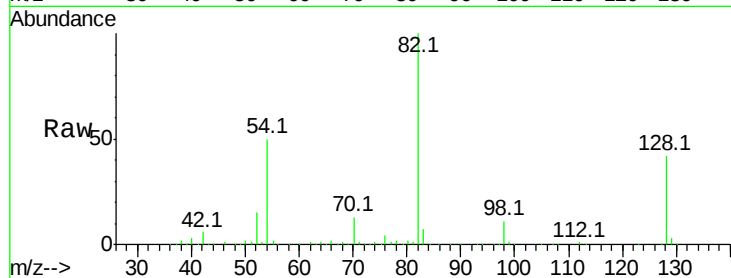
54 50.0 39.5 59.3

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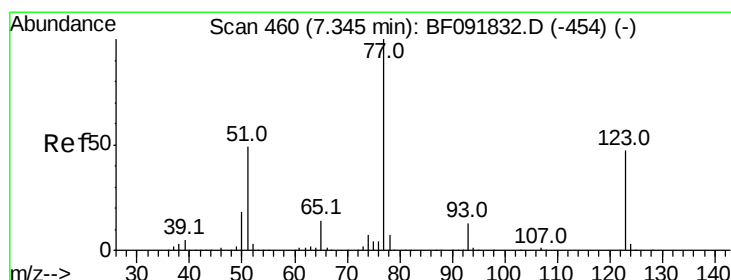
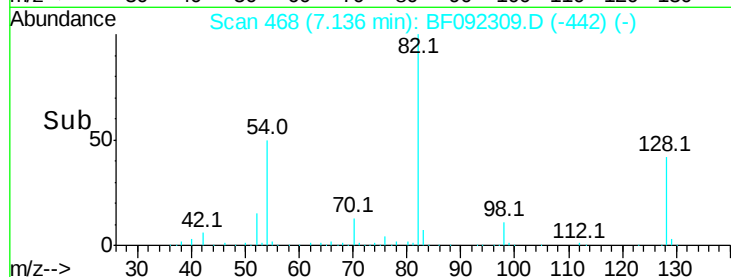
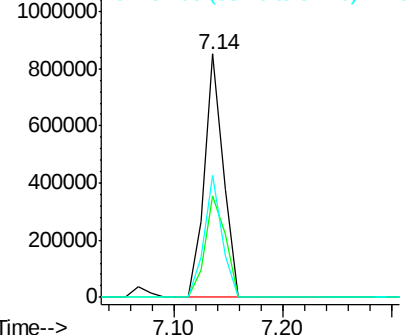
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 47.35 ng

RT: 7.16 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

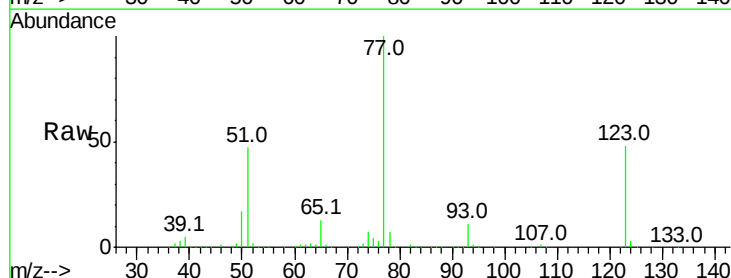
Tgt Ion: 77 Resp: 590807

Ion Ratio Lower Upper

77 100

123 47.7 33.0 49.4

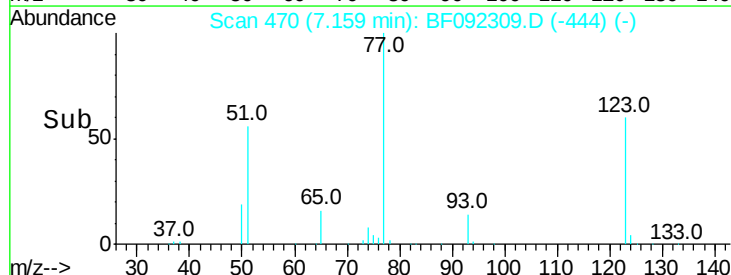
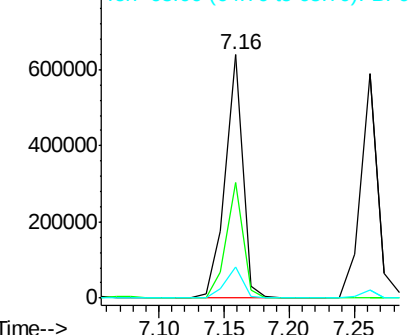
65 12.7 11.2 16.8

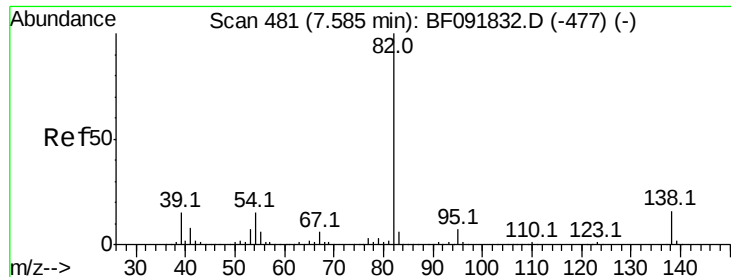


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.37 ng

RT: 7.40 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Instrument :

BNA_F

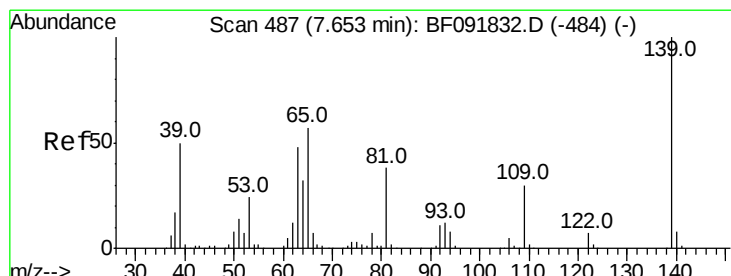
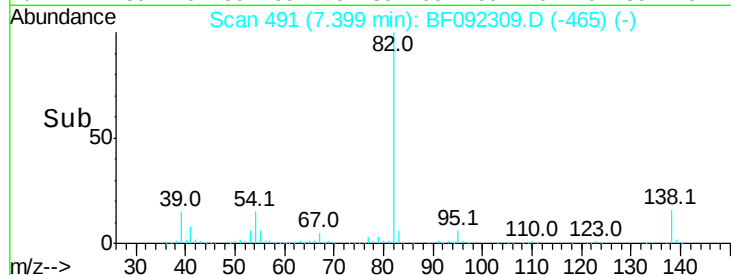
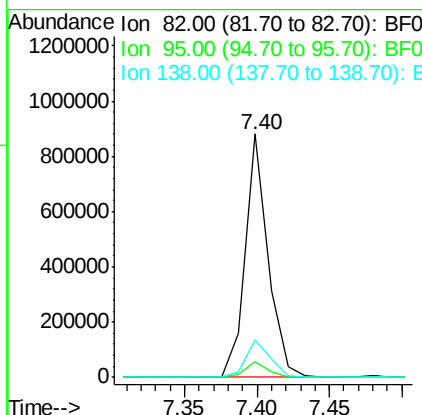
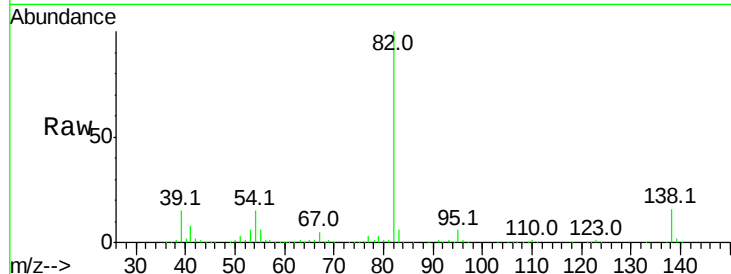
ClientSampleId :

PB96013BSD

Tot Ion:	82	Resp:	958883
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.6	8.4
138	15.6	14.6	22.0

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#26

2-Nitrophenol

Concen: 45.50 ng

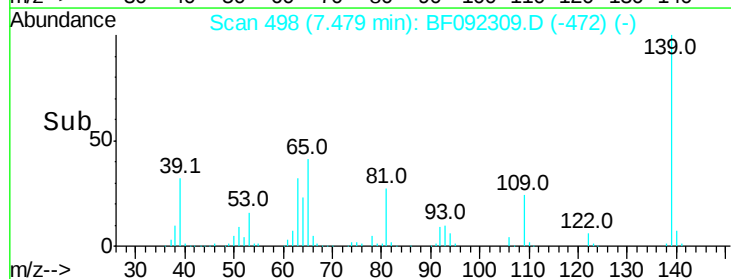
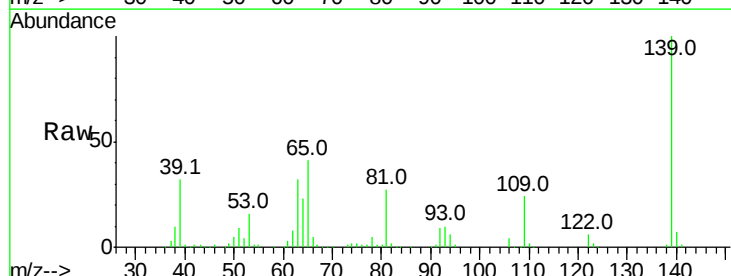
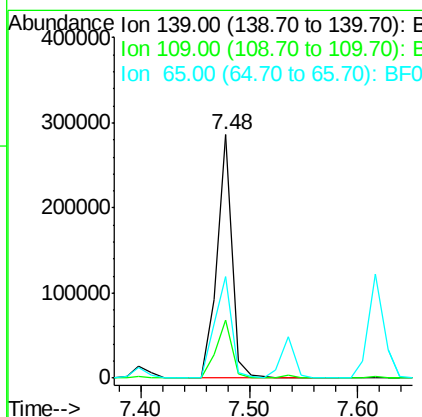
RT: 7.48 min Scan# 498

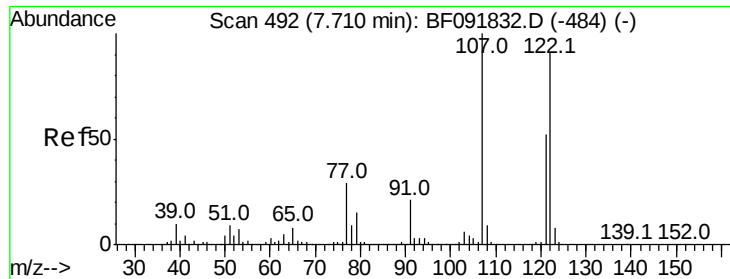
Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Tgt Ion:	139	Resp:	279966
Ion Ratio	Lower	Upper	
139	100		
109	24.0	23.3	34.9
65	41.5	42.7	64.1#





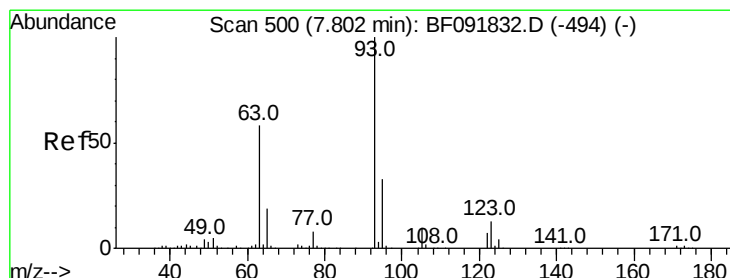
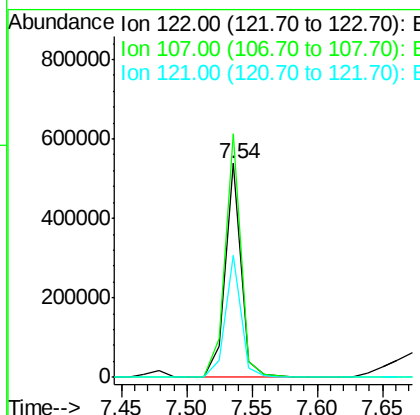
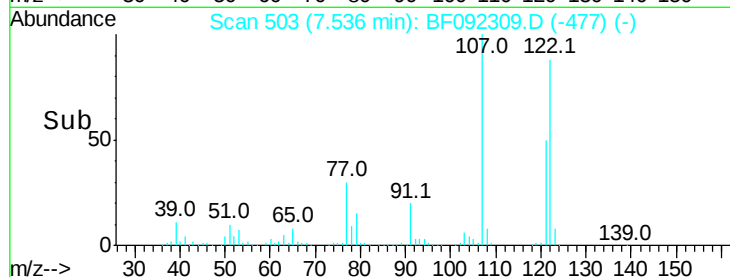
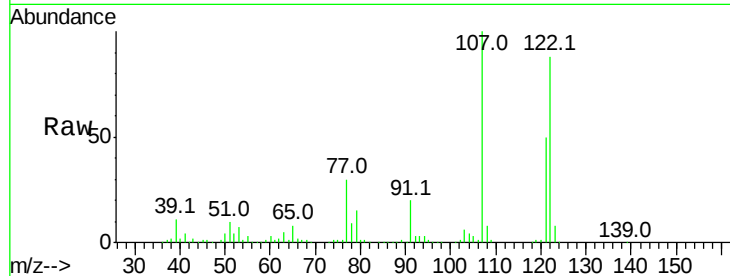
#27
 2,4-Dimethylphenol
 Concen: 45.21 ng
 RT: 7.54 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF092309.D
 Acq: 17 Jan 2017 4:41

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.8	94.1	141.1
121	57.0	46.0	69.0

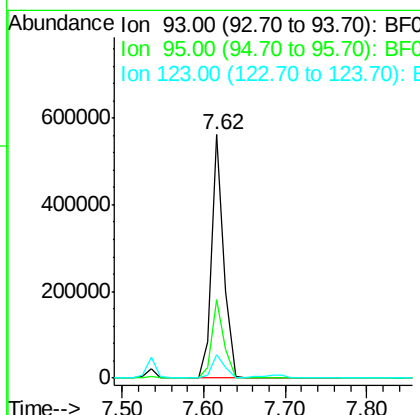
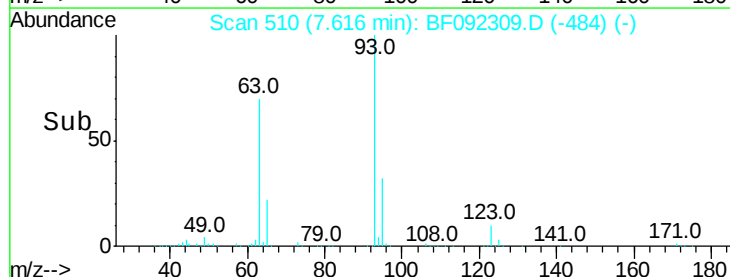
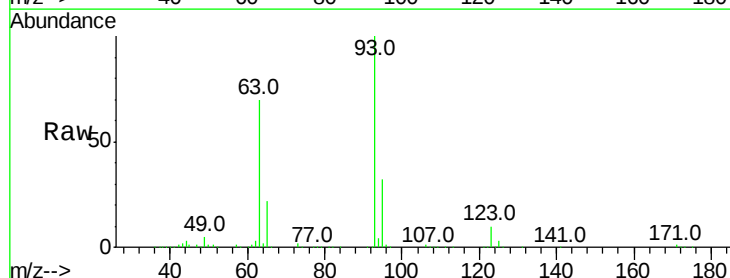
Manual Integrations
 APPROVED

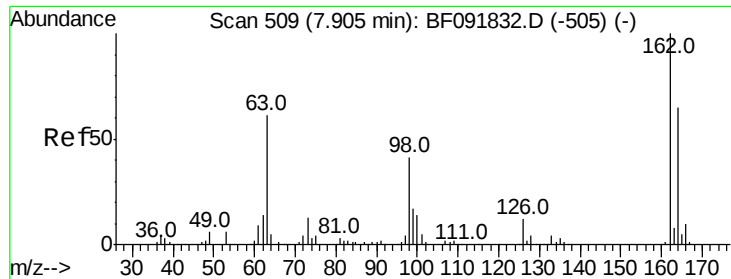
mohammad
 1/17/2017 4:58:12 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.87 ng
 RT: 7.62 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF092309.D
 Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.5	39.7
123	9.7	8.6	13.0





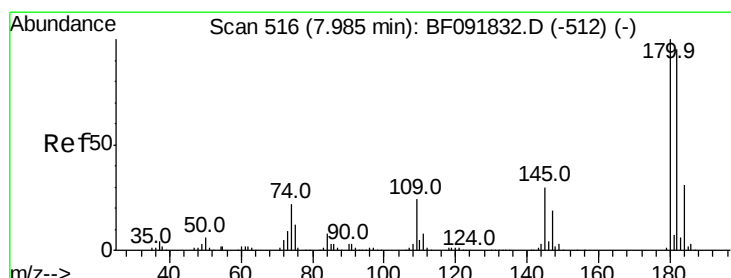
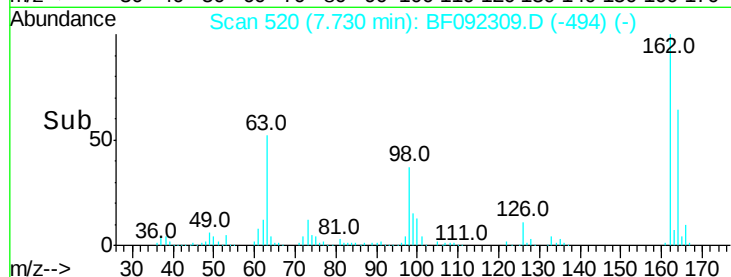
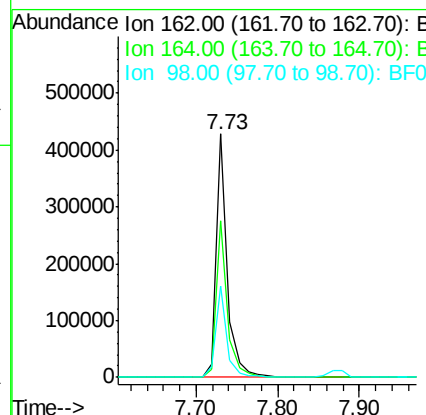
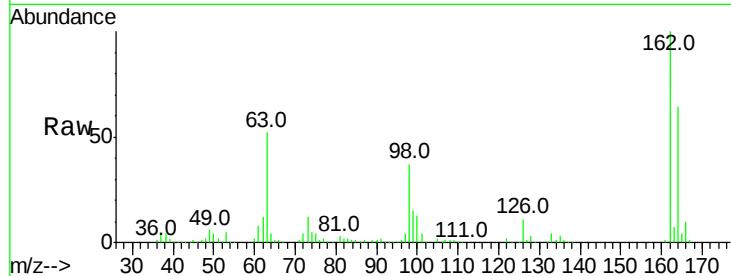
#29
 2,4-Dichlorophenol
 Concen: 47.53 ng
 RT: 7.73 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF092309.D
 Acq: 17 Jan 2017 4:41

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	410716		
164	64.3	46.8	86.8	
98	37.3	9.1	49.1	

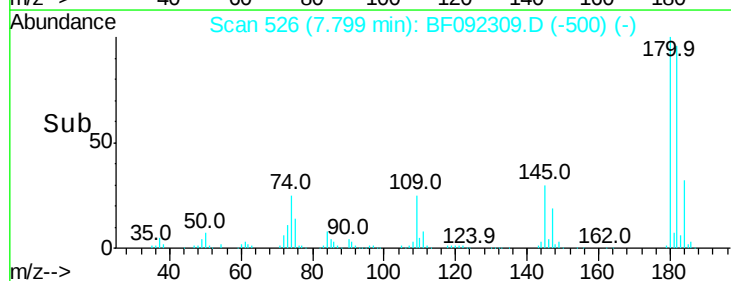
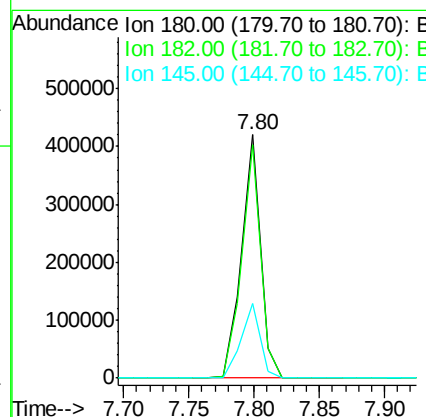
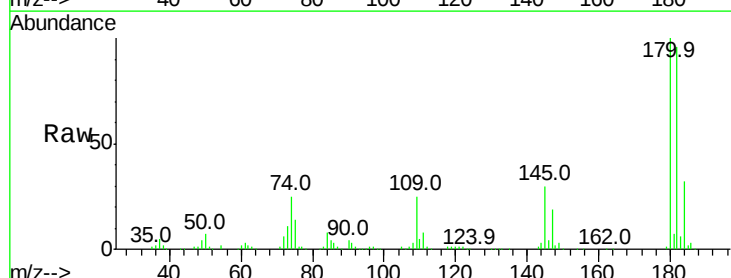
Manual Integrations
 APPROVED

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#30
 1,2,4-Trichlorobenzene
 Concen: 44.64 ng
 RT: 7.80 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: BF092309.D
 Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	422770		
182	95.7	78.2	117.4	
145	30.4	21.6	32.4	





#31

Naphthalene

Concen: 46.38 ng

RT: 7.88 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Instrument :

BNA_F

ClientSampleId :

PB96013BSD

Tot Ion:128 Resp: 1382714

Ion Ratio Lower Upper

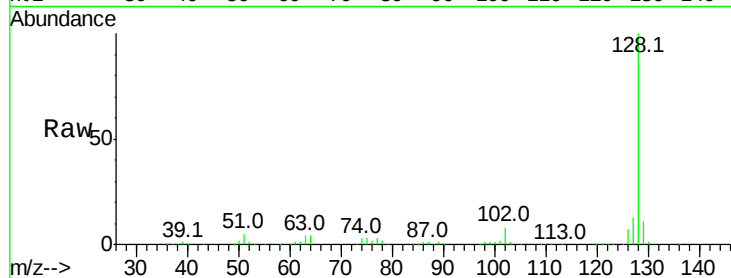
128 100

129 10.8 9.5 14.3

127 13.0 10.8 16.2

Manual Integrations
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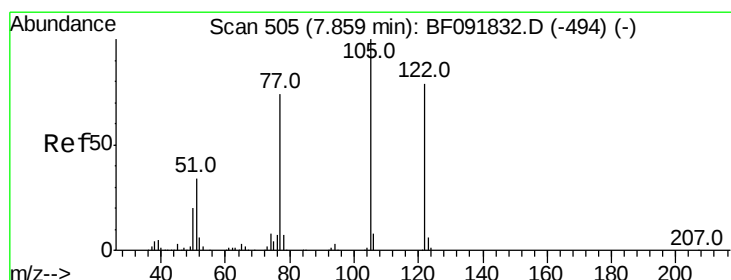
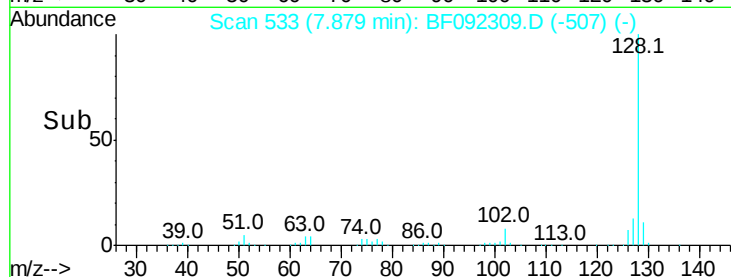
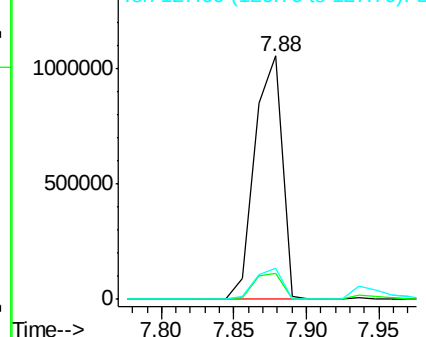
mohammad
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.35 ng

RT: 7.70 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

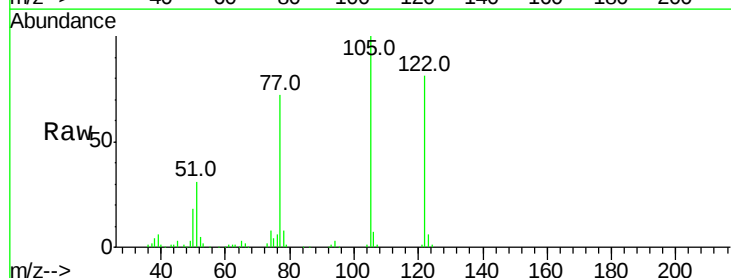
Tgt Ion:122 Resp: 259978

Ion Ratio Lower Upper

122 100

105 124.0 107.2 147.2

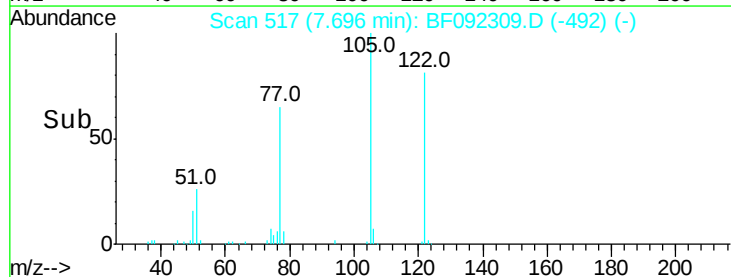
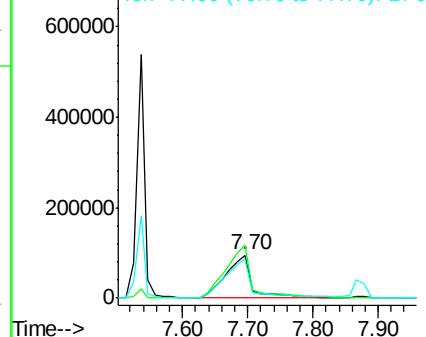
77 89.3 74.5 114.5

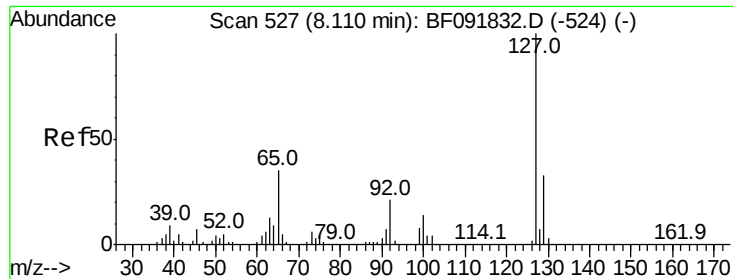


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





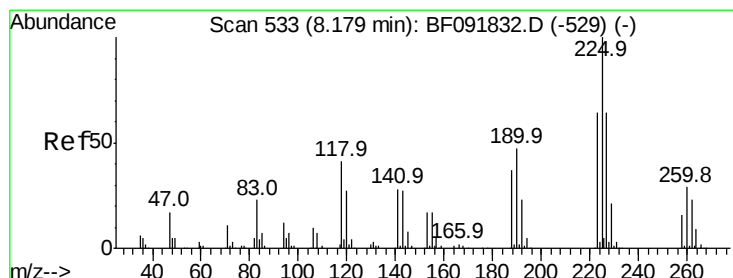
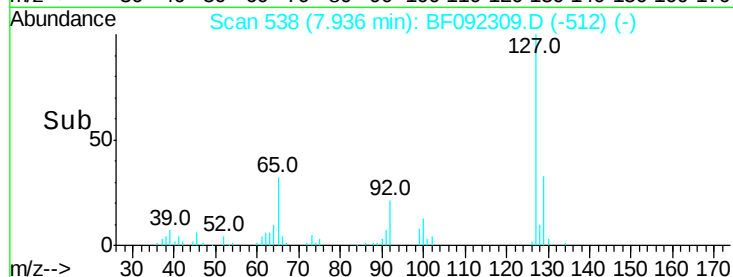
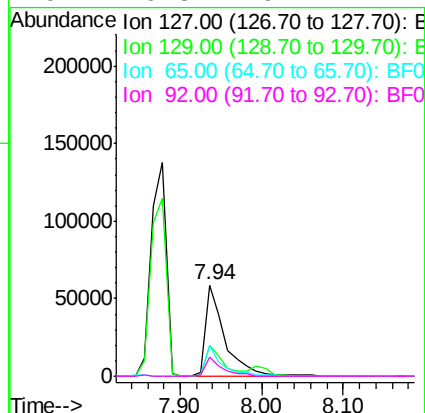
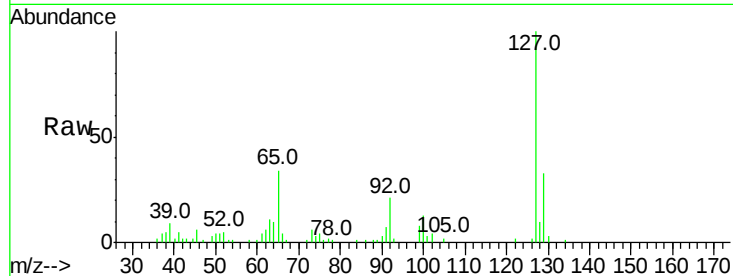
#33
4-Chloroaniline
Concen: 7.32 ng
RT: 7.94 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Instrument :
BNA_F
ClientSampleId :
PB96013BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.0	26.3	39.5	
65	34.1	25.8	38.8	
92	20.8	16.1	24.1	

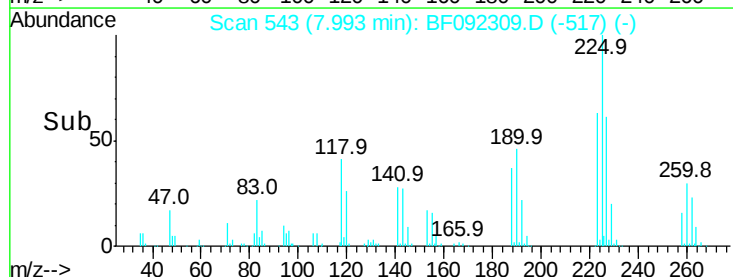
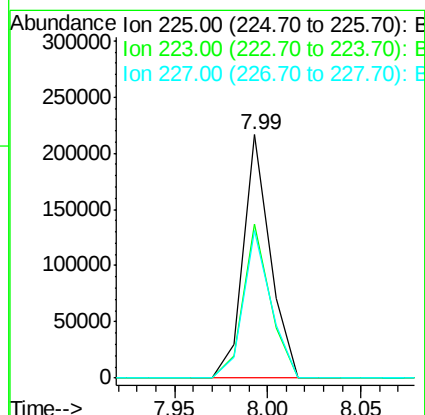
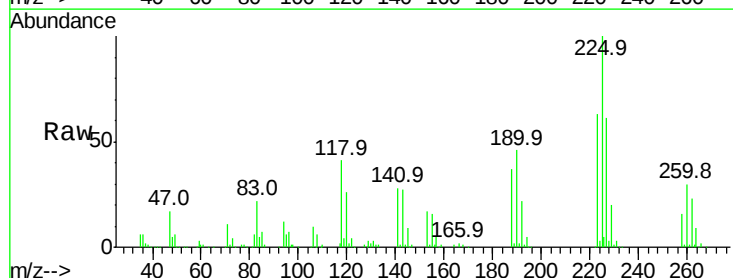
Manual Integrations
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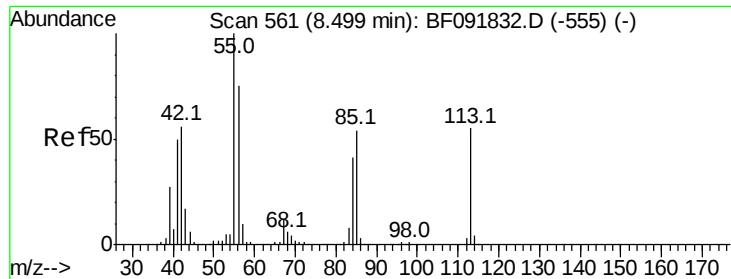
mohammad
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#34
Hexachlorobutadiene
Concen: 43.72 ng
RT: 7.99 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	51.0	76.6	
227	60.6	50.6	76.0	





#35

Caprolactam

Concen: 44.60 ng/ml

RT: 8.31 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Instrument :

BNA_F

ClientSampleId :

PB96013BSD

Tot Ion:113 Resp: 126668

Ion Ratio Lower Upper

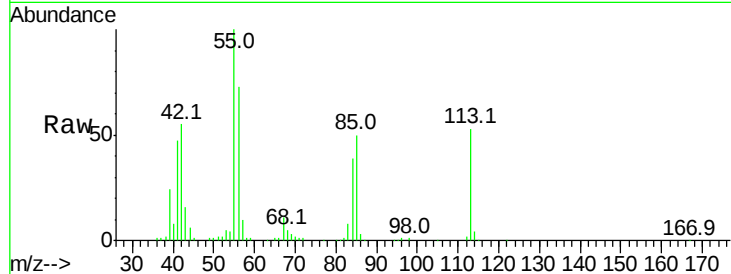
113 100

55 188.8 119.2 159.2#

56 138.6 83.8 123.8#

Manual Integrations
APPROVED

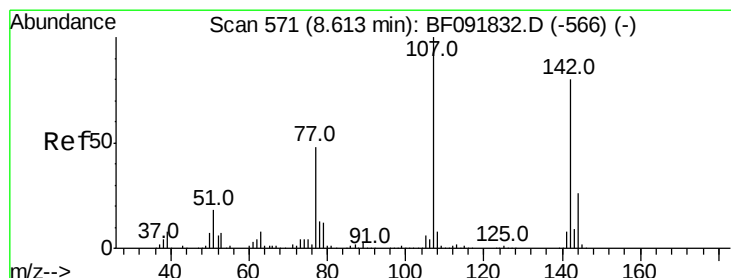
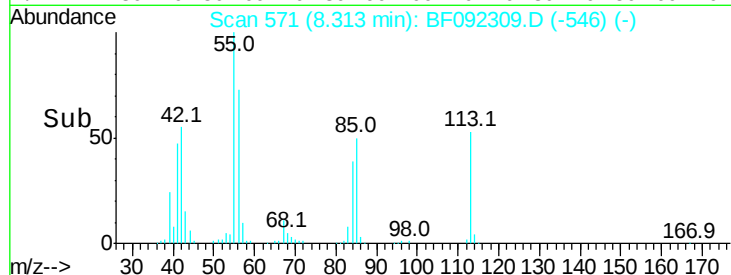
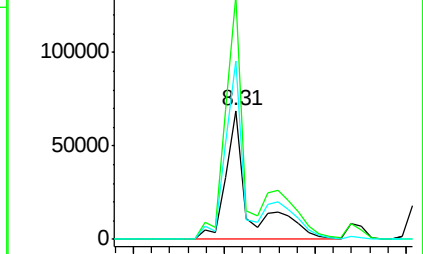
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.00 ng/ml

RT: 8.44 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

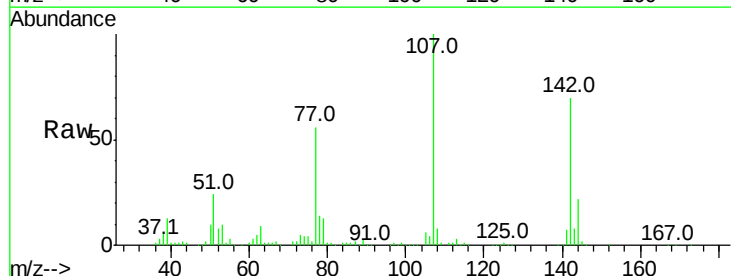
Tgt Ion:107 Resp: 417620

Ion Ratio Lower Upper

107 100

144 21.9 19.3 28.9

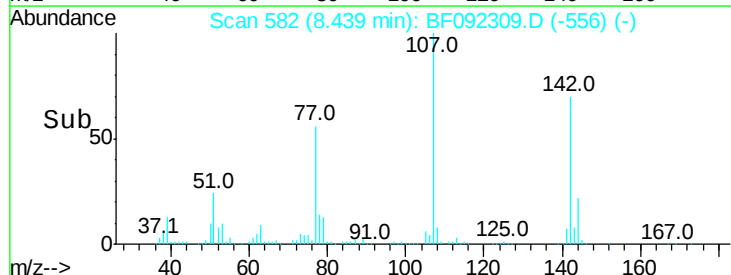
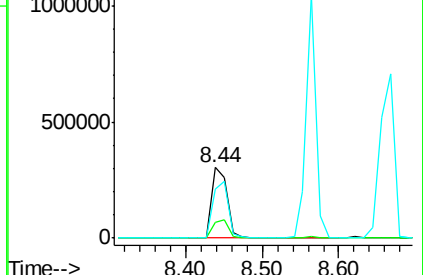
142 69.7 59.0 88.6

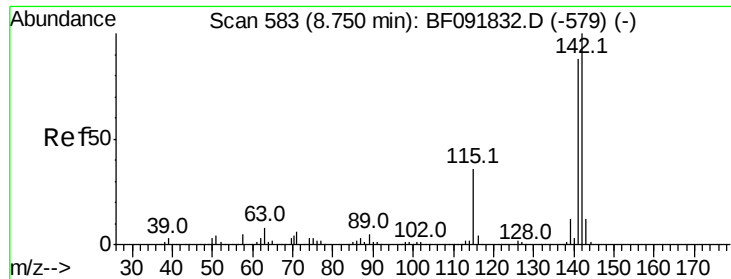


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





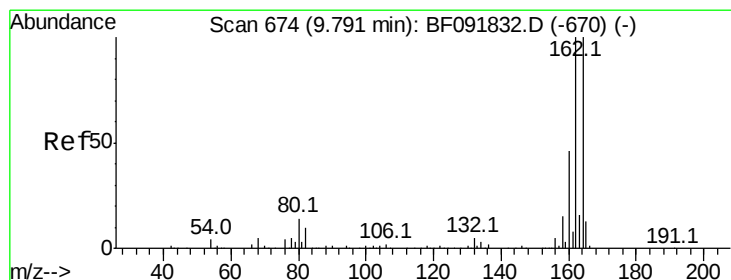
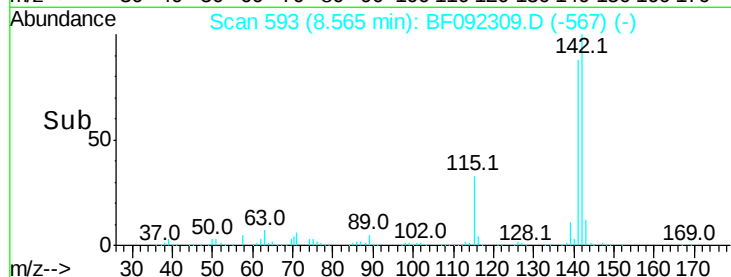
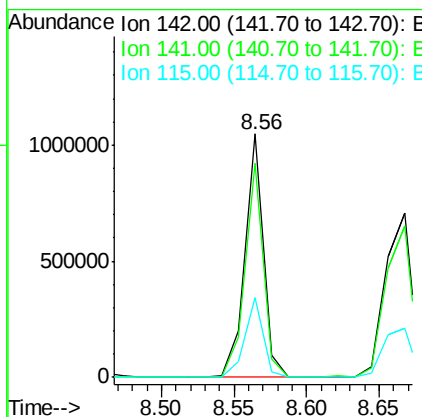
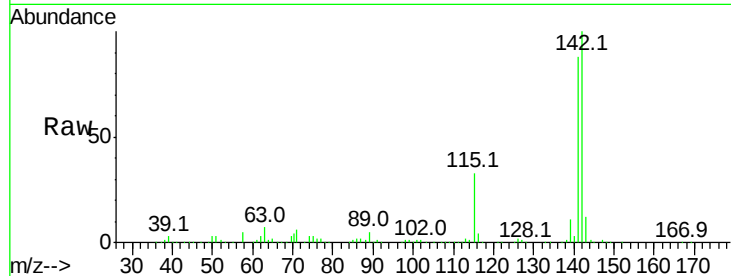
#37
2-Methylnaphthalene
Concen: 56.17 ng
RT: 8.56 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Instrument :
BNA_F
ClientSampleId :
PB96013BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.0	106.6
115	33.0	28.3	42.5

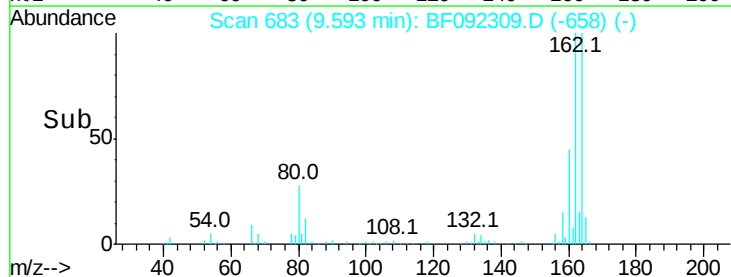
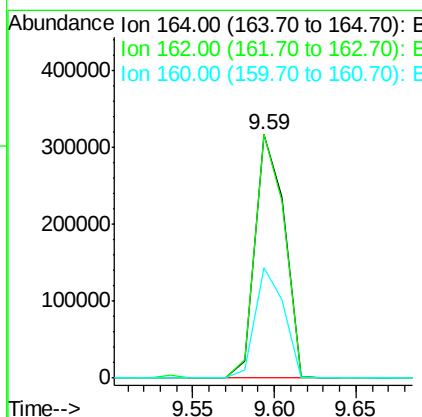
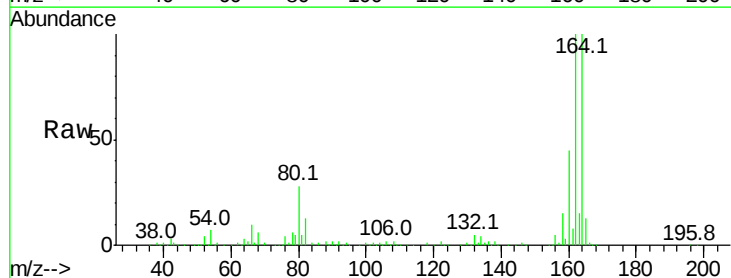
Manual Integrations
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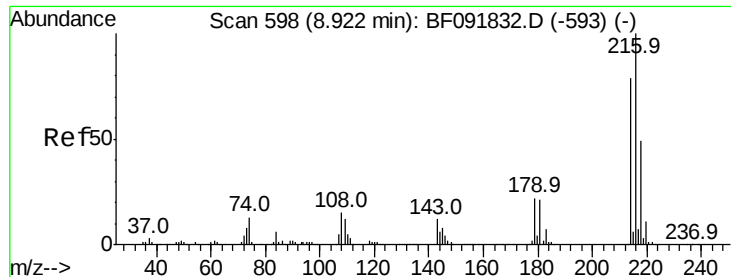
mohammad
1/17/2017 4:58:12 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.2
160	45.3	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.44 ng

RT: 8.74 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Instrument :

BNA_F

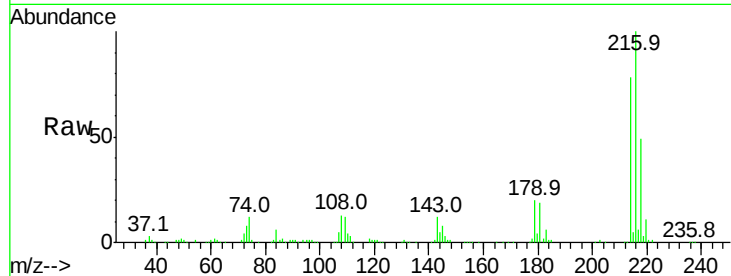
ClientSampleId :

PB96013BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	443195		
214	78.6		63.4	95.0
179	21.6		17.4	26.2
108	18.9		15.6	23.4

Manual Integrations
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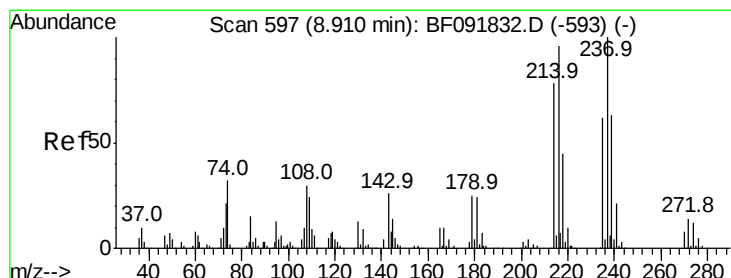
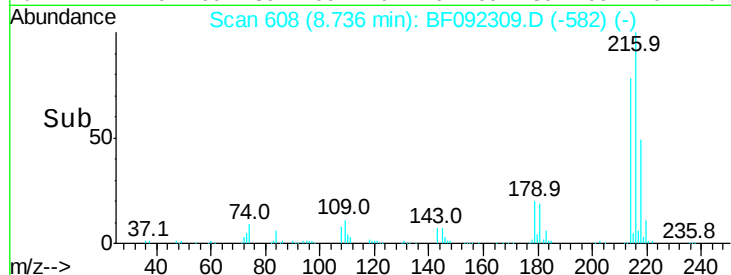
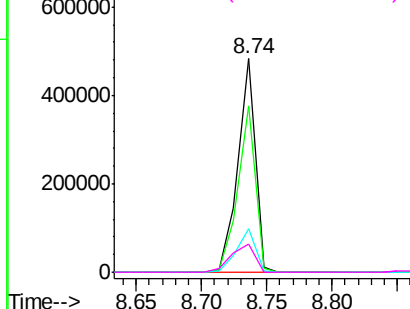


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 46.92 ng

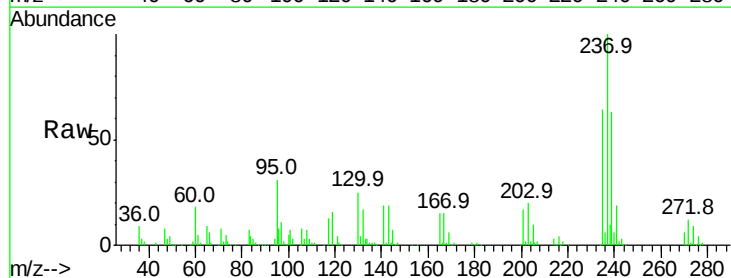
RT: 8.71 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

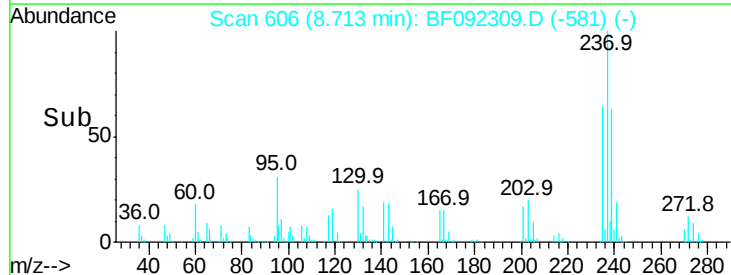
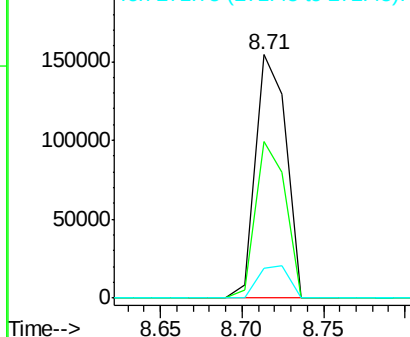
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	200743		
235	64.4		41.2	81.2
272	12.1		0.0	35.4

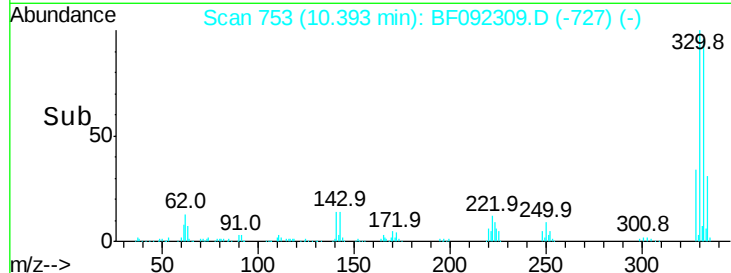
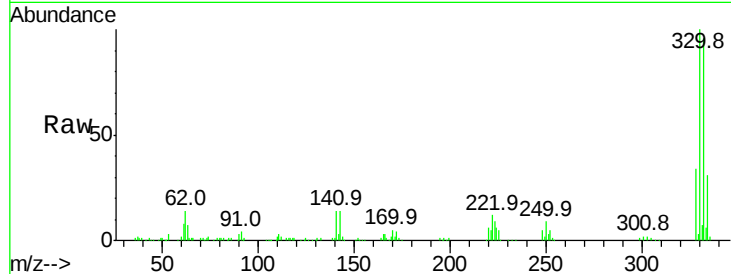


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





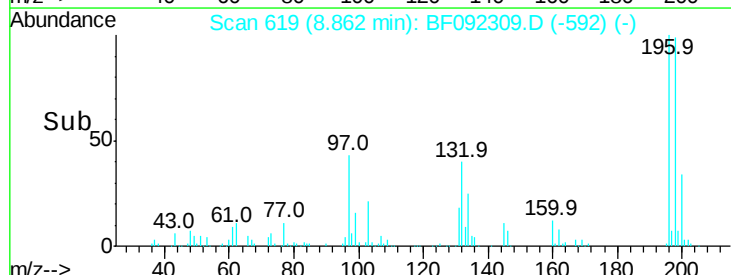
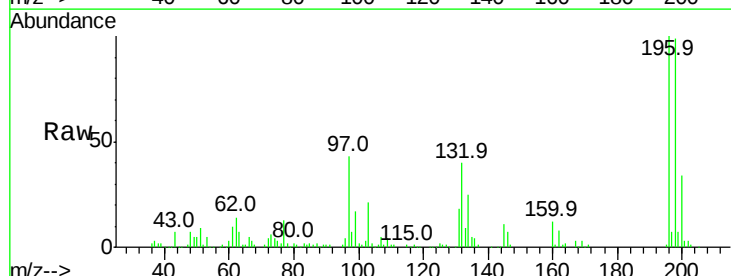
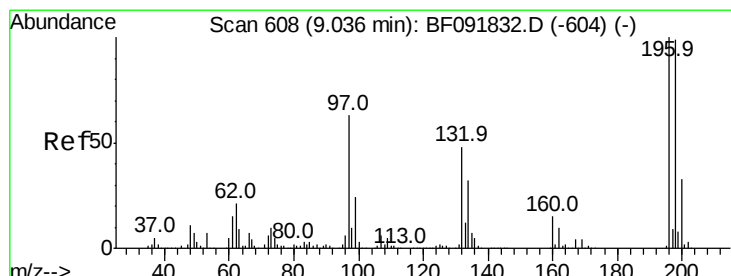
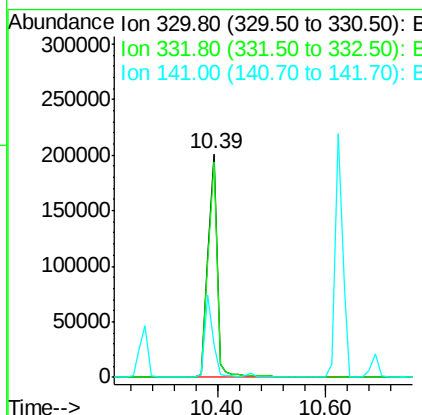
#41
 2,4,6-Tribromophenol
 Concen: 73.04 ng
 RT: 10.39 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092309.D
 Acq: 17 Jan 2017 4:41

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	77.4	116.2	
141	32.1	34.1	51.1	

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BSD

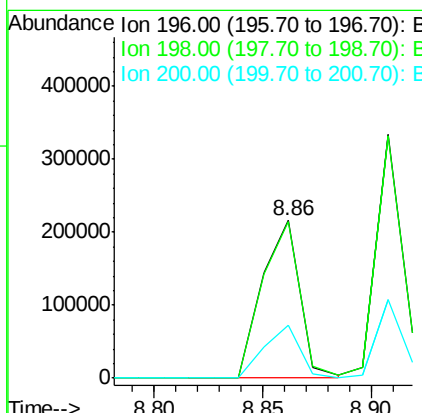
Manual Integrations
 APPROVED

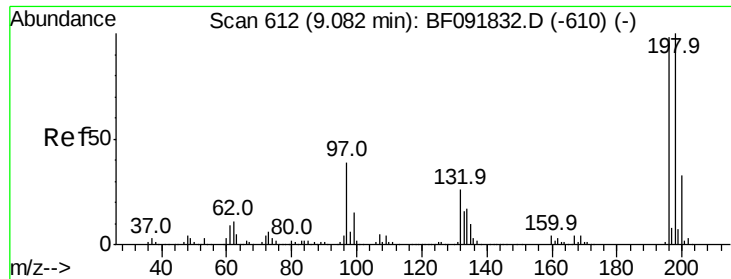
mohammad
 1/17/2017 4:58:12 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.45 ng
 RT: 8.86 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF092309.D
 Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.2	82.1	123.1	
200	33.6	27.0	40.4	





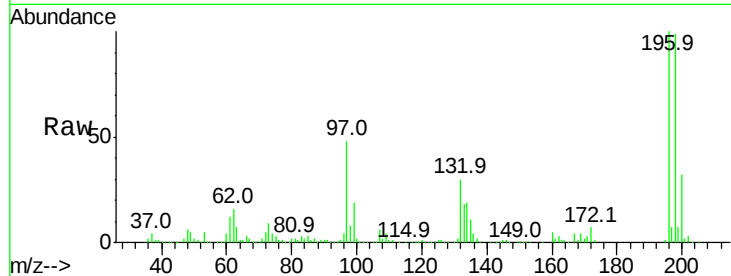
#43
 2,4,5-Trichlorophenol
 Concen: 41.94 ng
 RT: 8.91 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF092309.D
 Acq: 17 Jan 2017 4:41

Instrument :
 BNA_F
 ClientSampled :
 PB96013BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	301080		
198	99.4	79.4	119.2	
97	47.7	51.5	77.3#	
132	30.0	27.4	41.2	

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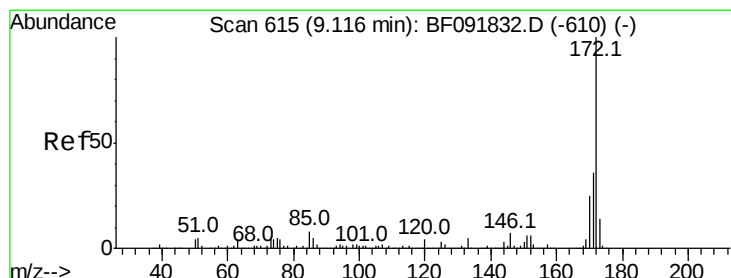
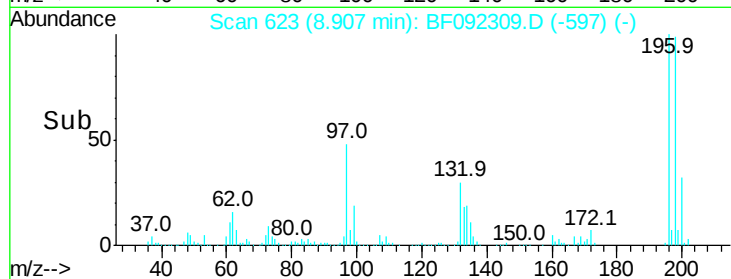
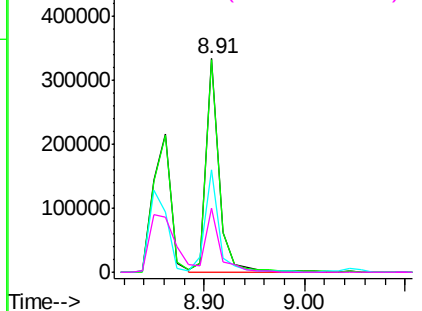
Abundance

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: 88.29 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092309.D
 Acq: 17 Jan 2017 4:41

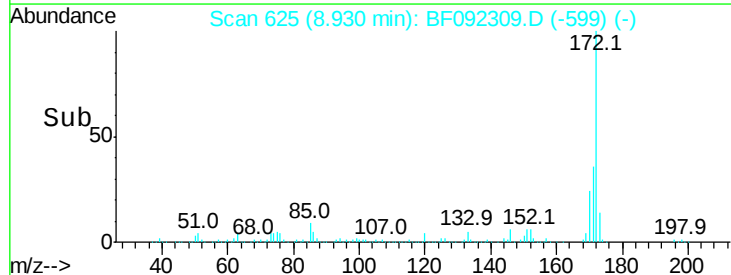
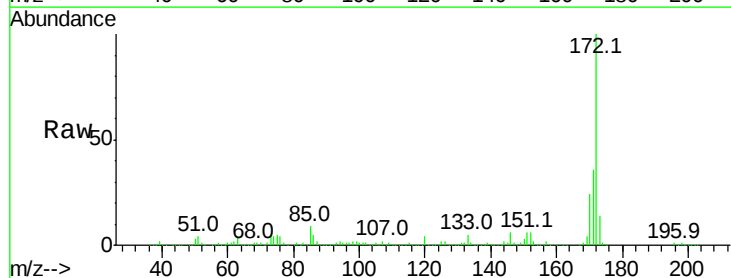
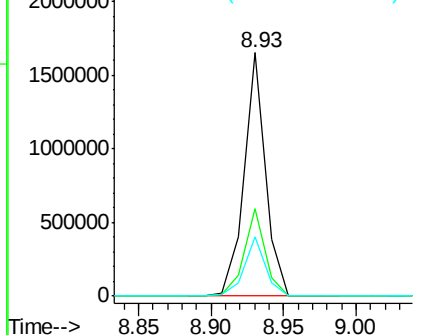
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1691454		
171	35.7	29.4	44.0	
170	24.4	20.2	30.4	

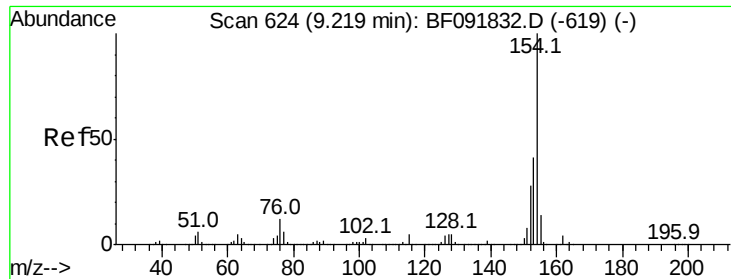
Abundance

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: 51.32 ng

RT: 9.03 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Instrument :

BNA_F

ClientSampleId :

PB96013BSD

Tot Ion:154 Resp: 1387050

Ion Ratio Lower Upper

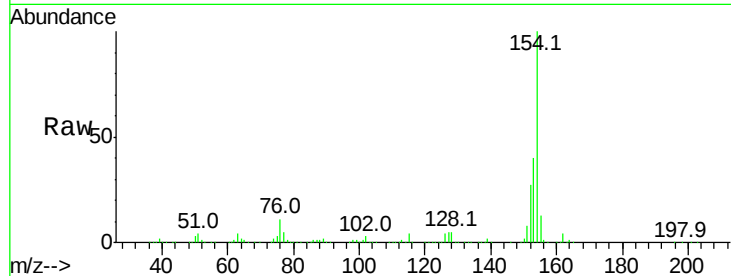
154 100

153 40.2 20.9 60.9

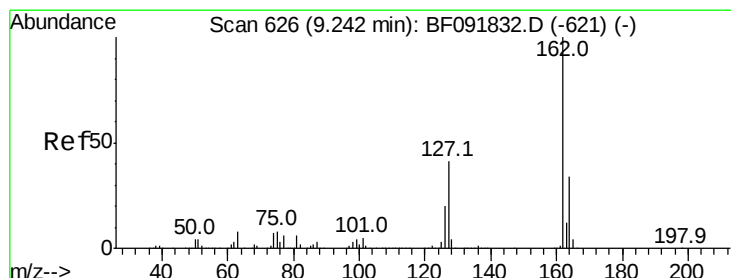
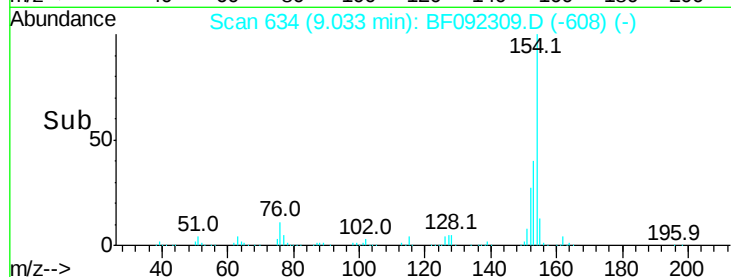
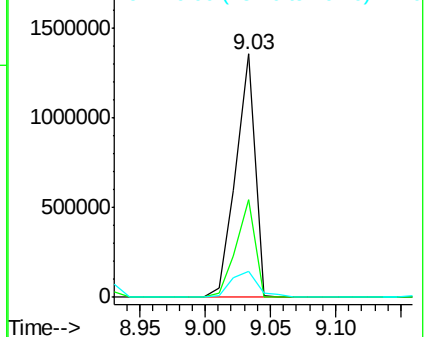
76 10.5 0.0 30.5

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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: 47.06 ng

RT: 9.06 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

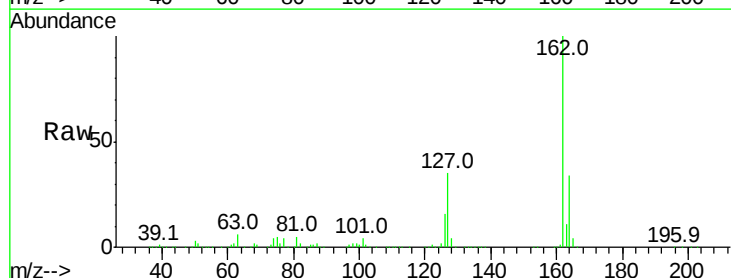
Tgt Ion:162 Resp: 1007289

Ion Ratio Lower Upper

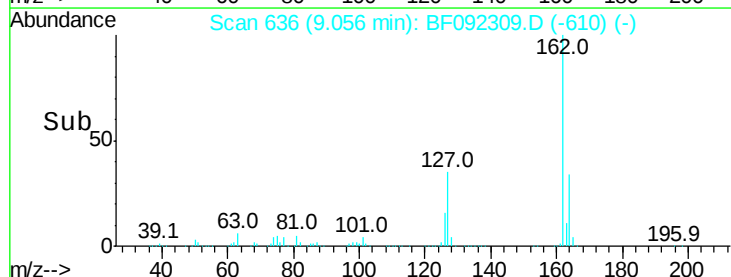
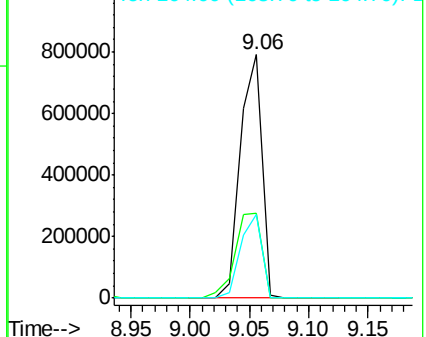
162 100

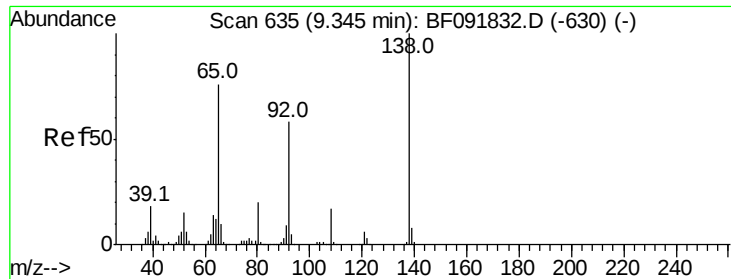
127 34.9 30.7 46.1

164 34.2 27.6 41.4



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





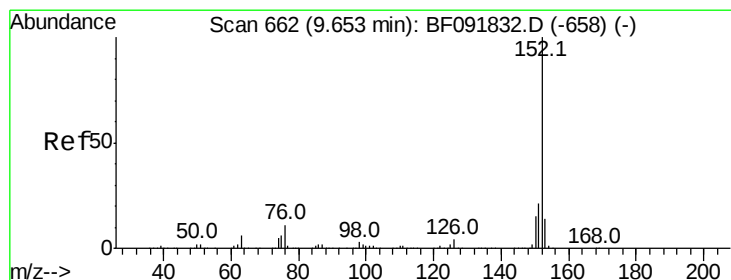
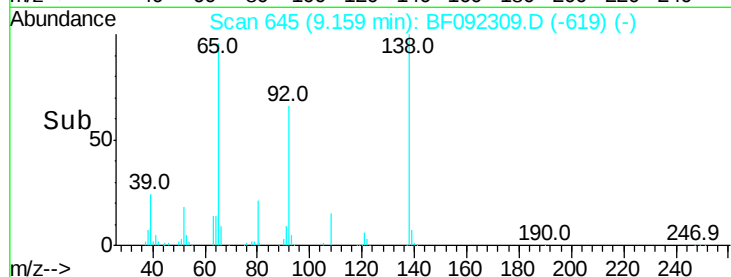
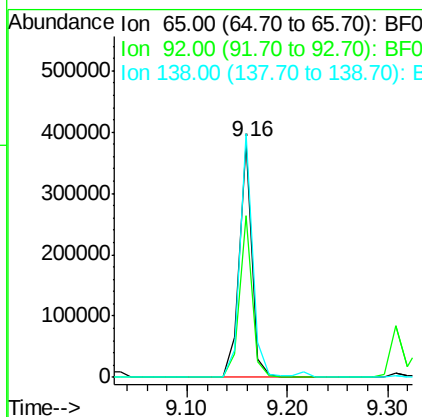
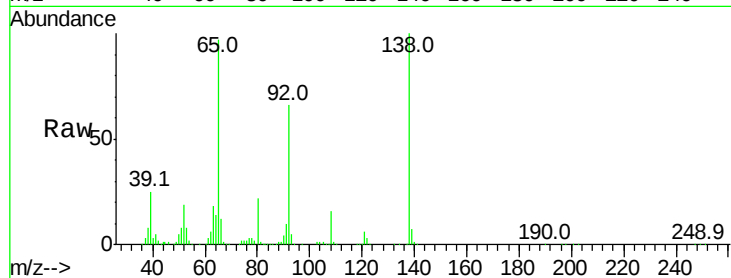
#47
2-Nitroaniline
Concen: 43.92 ng
RT: 9.16 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Instrument :
BNA_F
ClientSampleId :
PB96013BSD

Tot Ion: 65 Resp: 334755
Ion Ratio Lower Upper
65 100
92 68.8 53.9 80.9
138 103.6 76.8 115.2

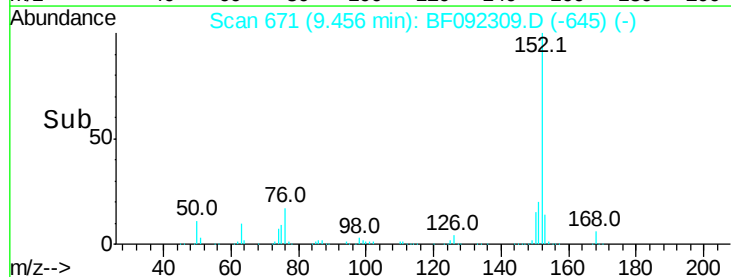
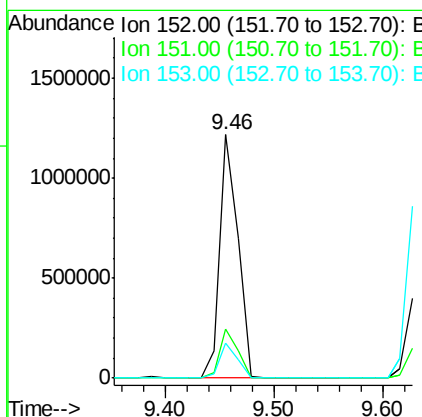
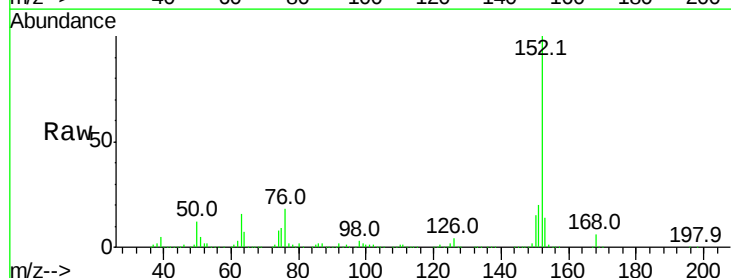
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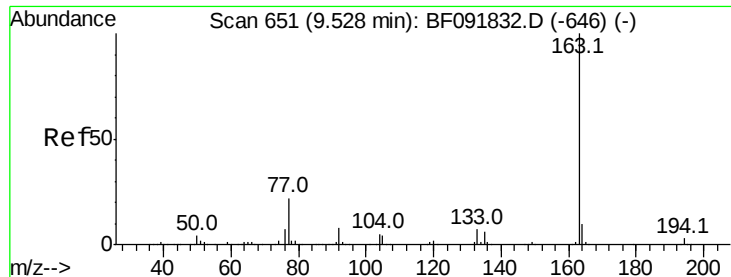
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#48
Acenaphthylene
Concen: 43.05 ng
RT: 9.46 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Tgt Ion: 152 Resp: 1417159
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 14.5 11.4 17.2





#49

Dimethylphthalate

Concen: 46.33 ng

RT: 9.34 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Instrument :

BNA_F

ClientSampleId :

PB96013BSD

Tot Ion:163 Resp: 1169860

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

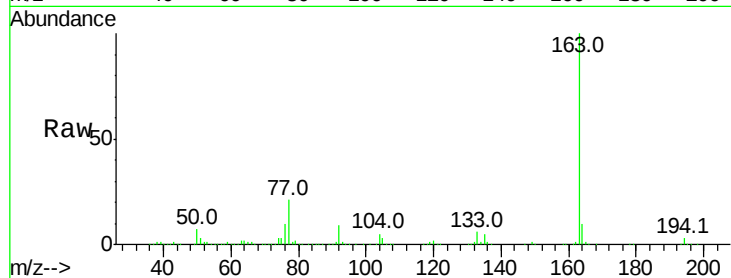
164 10.2 8.0 12.0

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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

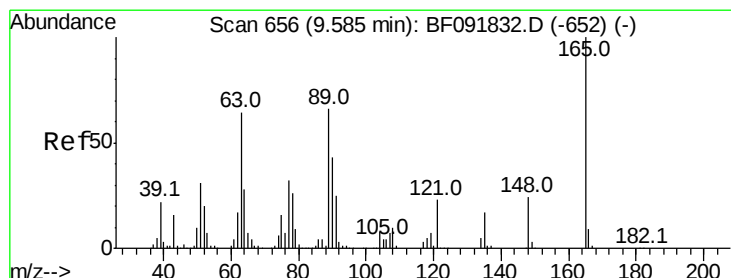
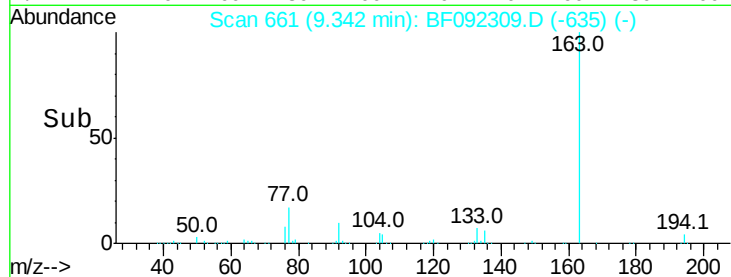
9.34

1000000

500000

0

Time-->



#50

2,6-Dinitrotoluene

Concen: 44.25 ng

RT: 9.40 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

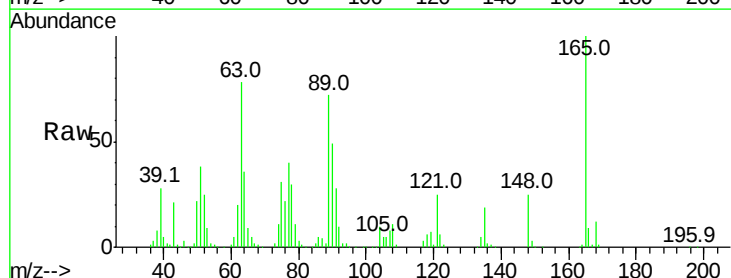
Tgt Ion:165 Resp: 244529

Ion Ratio Lower Upper

165 100

63 78.4 36.2 54.4#

89 72.4 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

9.40

250000

200000

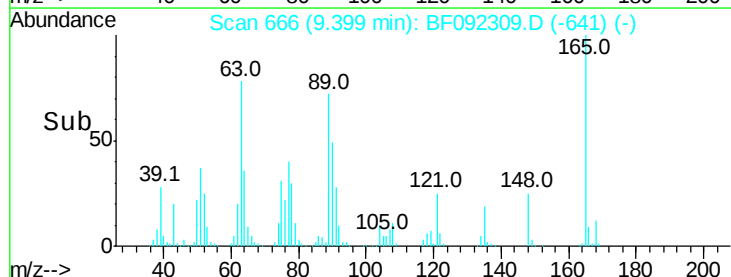
150000

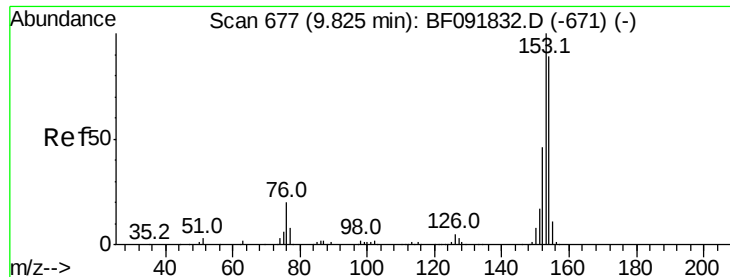
100000

50000

0

Time-->





#51

Acenaphthene

Concen: 40.08 ng

RT: 9.63 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Instrument :

BNA_F

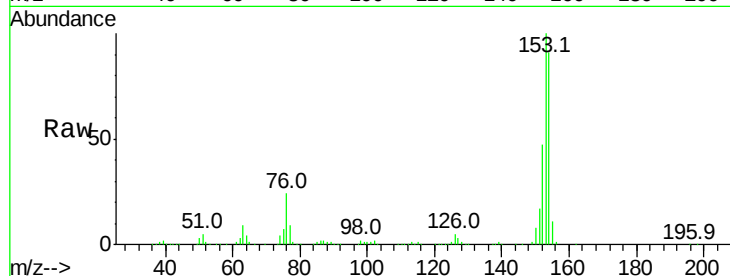
ClientSampleId :

PB96013BSD

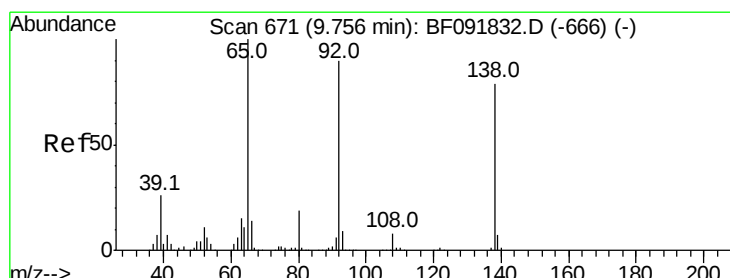
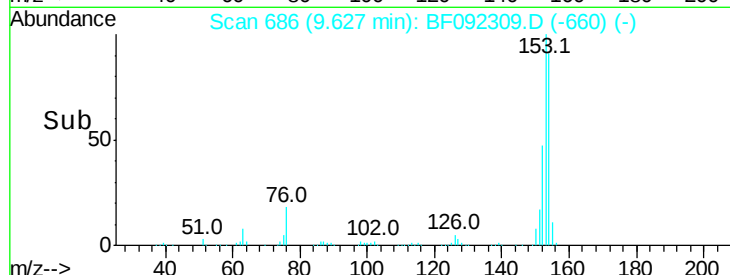
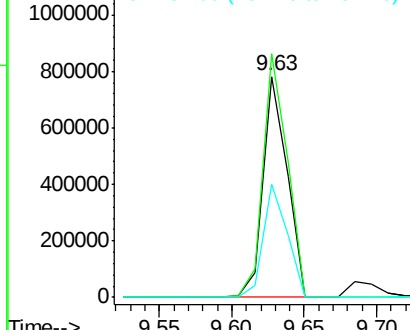
Tot Ion:	154	Resp:	894626
Ion Ratio	Lower	Upper	
154	100		
153	110.2	88.6	133.0
152	51.4	41.6	62.4

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



#52

3-Nitroaniline

Concen: 15.56 ng

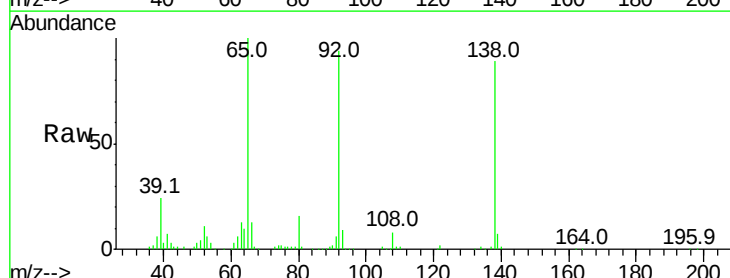
RT: 9.57 min Scan# 681

Delta R.T. -0.00 min

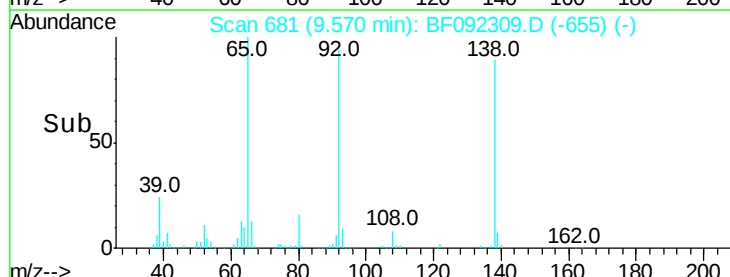
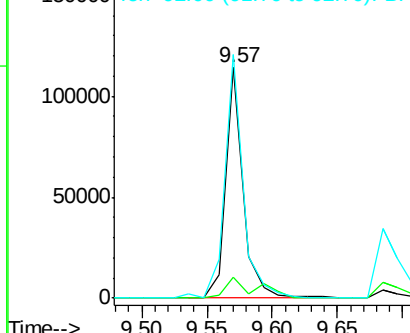
Lab File: BF092309.D

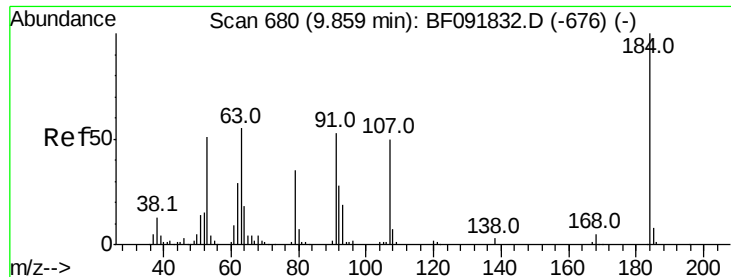
Acq: 17 Jan 2017 4:41

Tgt Ion:	138	Resp:	106420
Ion Ratio	Lower	Upper	
138	100		
108	9.1	8.5	12.7
92	105.5	97.8	146.8



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





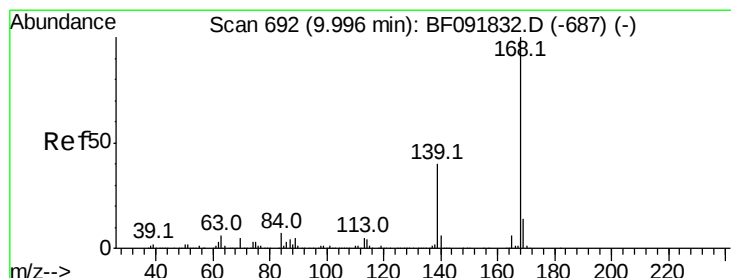
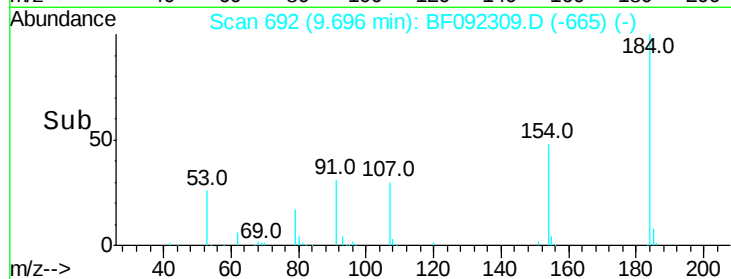
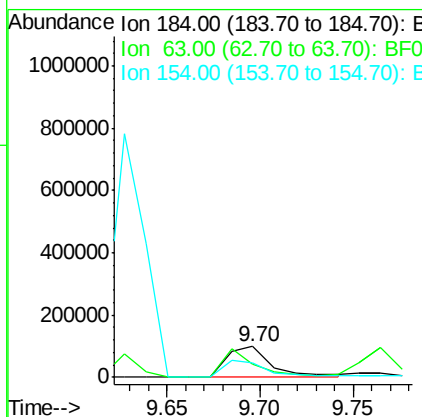
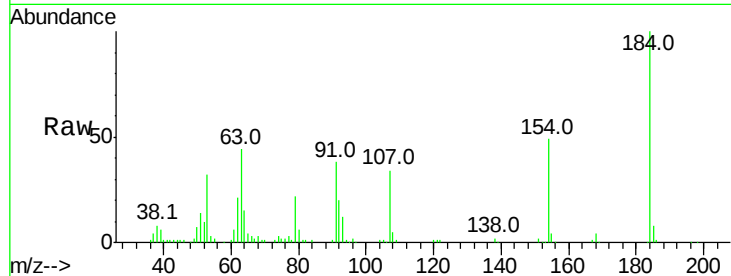
#53
 2,4-Dinitrophenol
 Concen: 55.49 ng
 RT: 9.70 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: BF092309.D
 Acq: 17 Jan 2017 4:41

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	43.6	28.4	42.6#
154	49.1	44.3	66.5

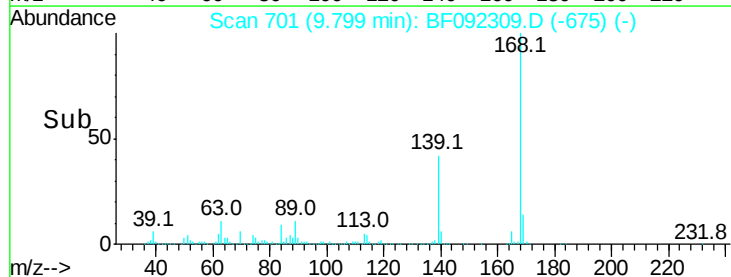
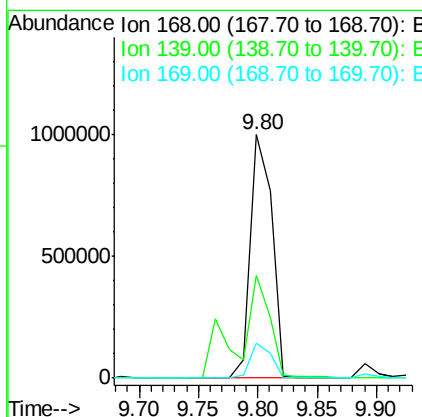
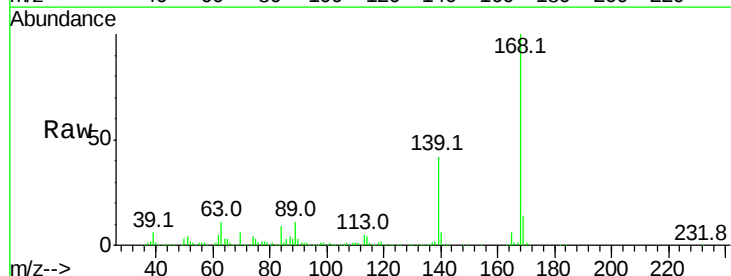
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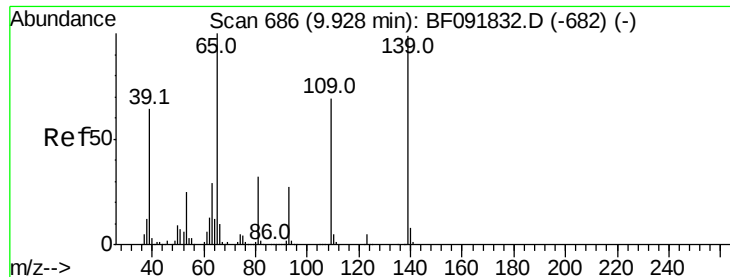
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#54
 Dibenzofuran
 Concen: 42.12 ng
 RT: 9.80 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF092309.D
 Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.2	32.6	49.0
169	14.4	11.3	16.9





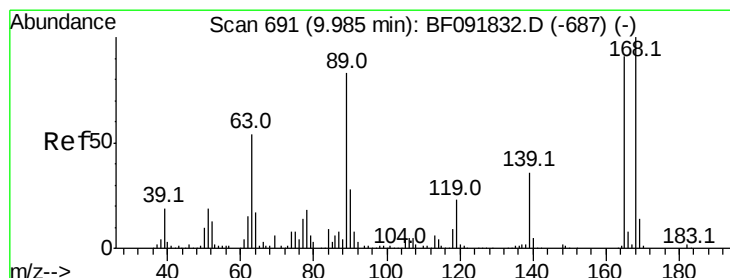
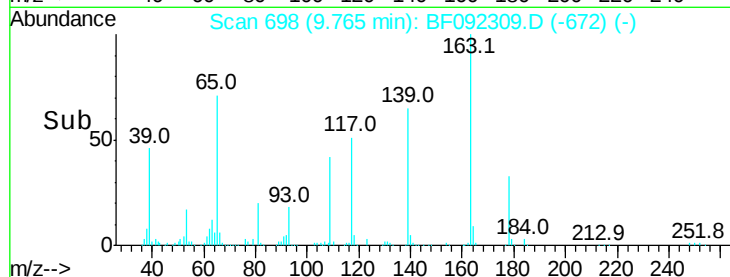
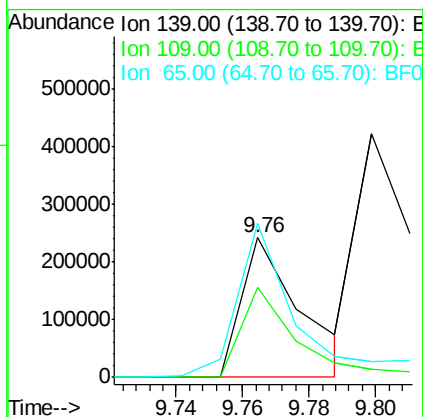
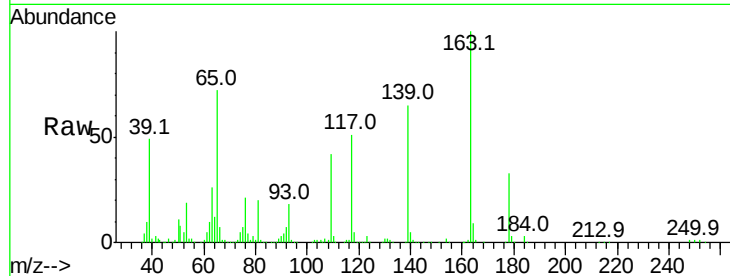
#55
4-Nitrophenol
Concen: 64.03 ng m
RT: 9.76 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Instrument :
BNA_F
ClientSampleId :
PB96013BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.8	52.2	92.2
65	110.7	85.8	125.8

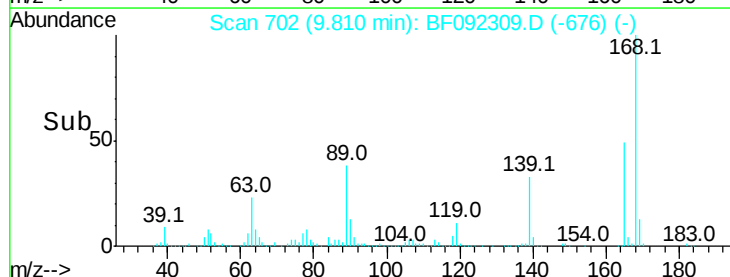
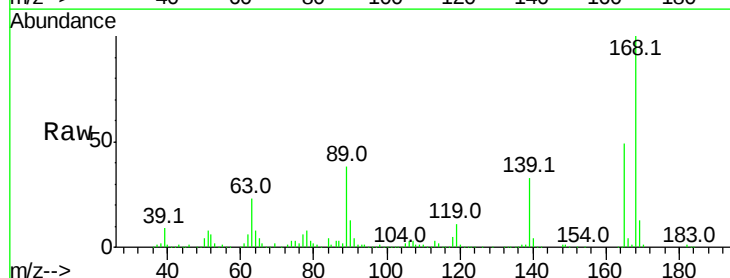
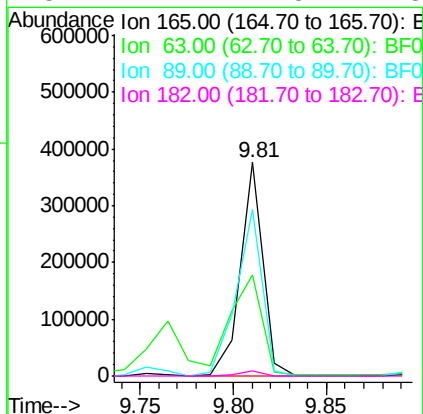
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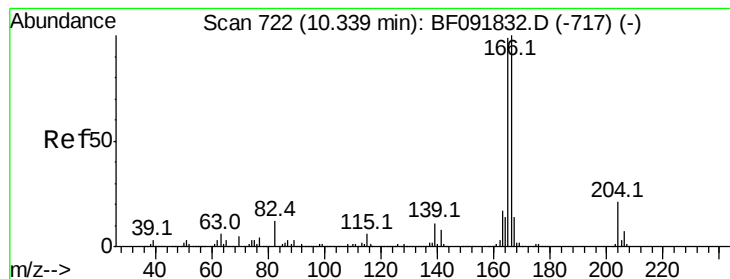
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#56
2,4-Dinitrotoluene
Concen: 45.92 ng
RT: 9.81 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.4	40.2	60.4
89	78.2	62.5	93.7
182	2.2	1.8	2.8





#57

Fluorene

Concen: 40.76 ng

RT: 10.14 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Instrument :

BNA_F

ClientSampleId :

PB96013BSD

Tot Ion:166 Resp: 893766

Ion Ratio Lower Upper

166 100

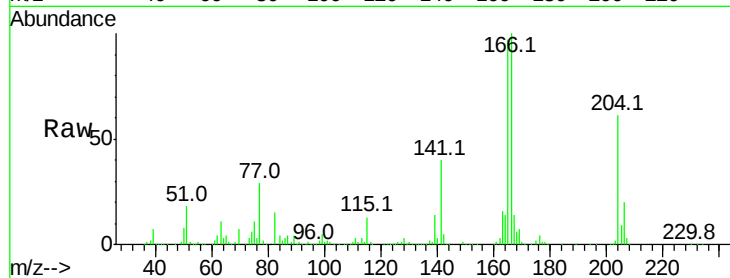
165 97.3 77.8 116.8

167 13.9 10.8 16.2

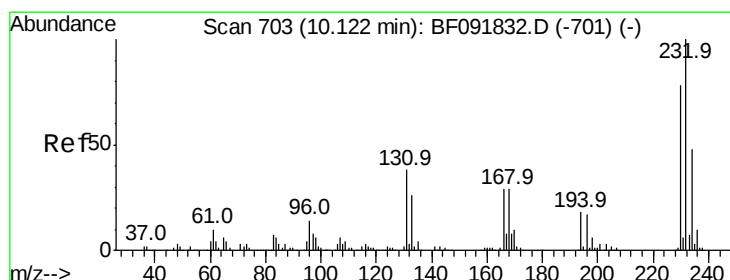
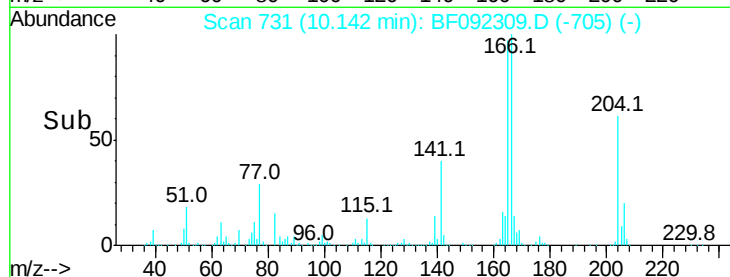
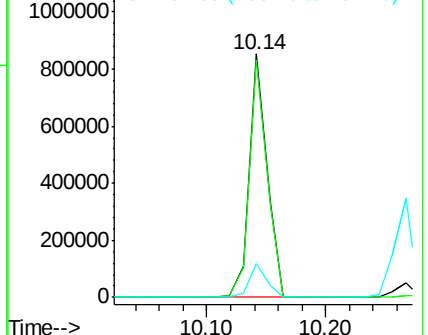
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.38 ng

RT: 9.94 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Tgt Ion:232 Resp: 263294

Ion Ratio Lower Upper

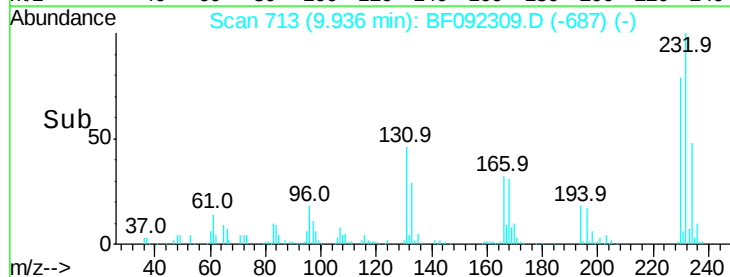
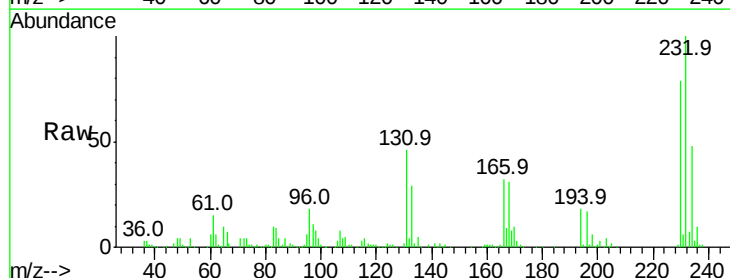
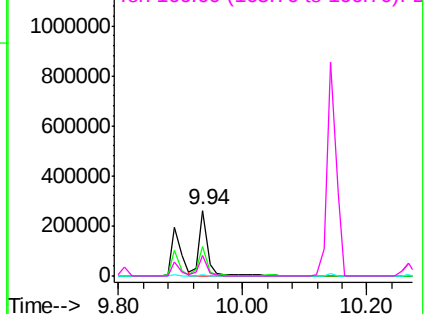
232 100

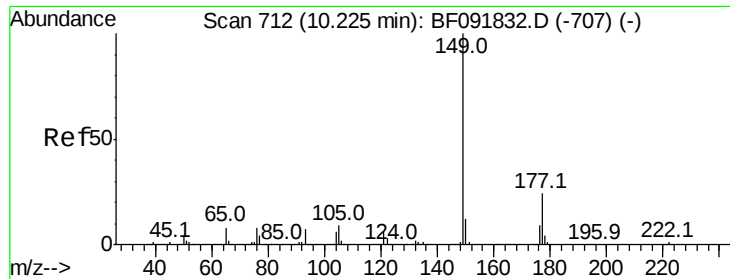
131 44.7 40.1 60.1

130 2.1 1.8 2.8

166 29.4 26.6 39.8

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





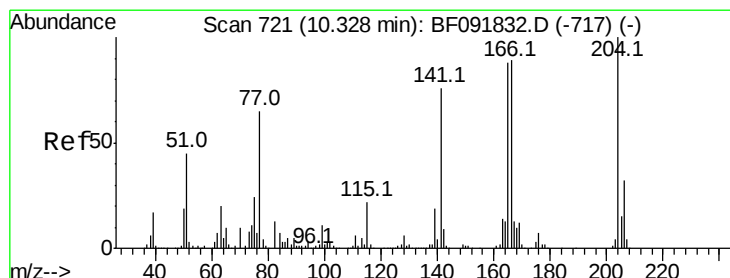
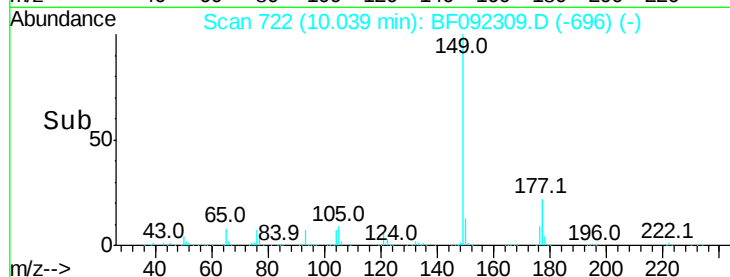
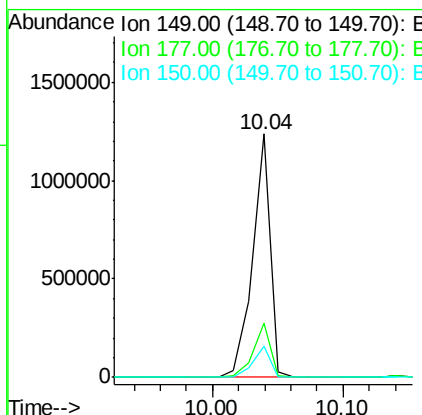
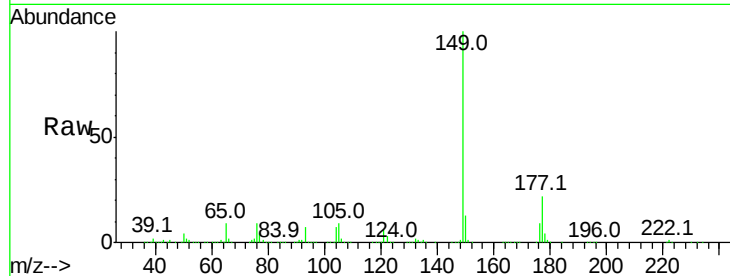
#59
Diethylphthalate
Concen: 47.31 ng
RT: 10.04 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Instrument :
BNA_F
ClientSampleId :
PB96013BSD

Tot Ion:149 Resp: 1160090
Ion Ratio Lower Upper
149 100
177 22.4 16.6 25.0
150 12.6 10.4 15.6

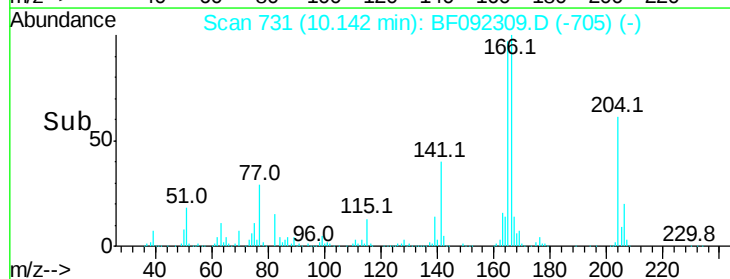
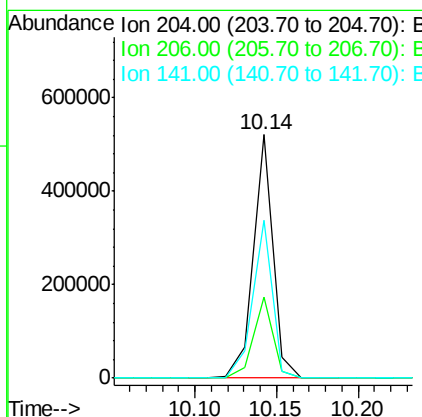
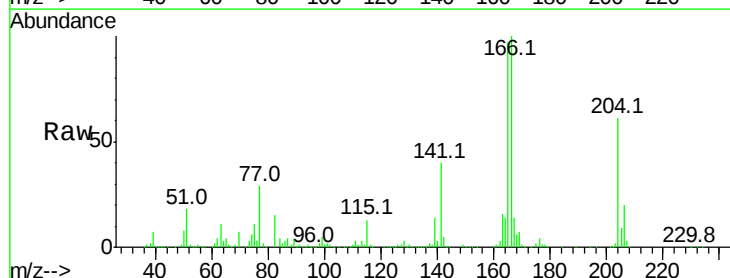
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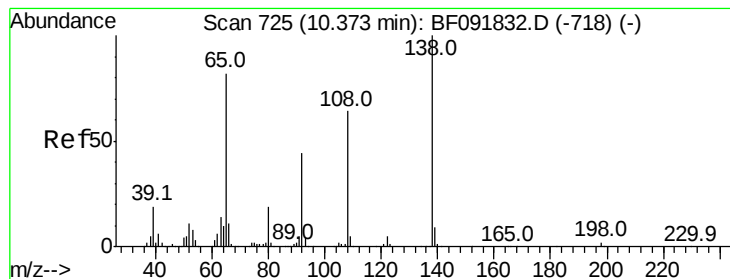
mohammad
1/17/2017 4:58:12 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.46 ng
RT: 10.14 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Tgt Ion:204 Resp: 436531
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.6
141 64.9 59.4 89.0





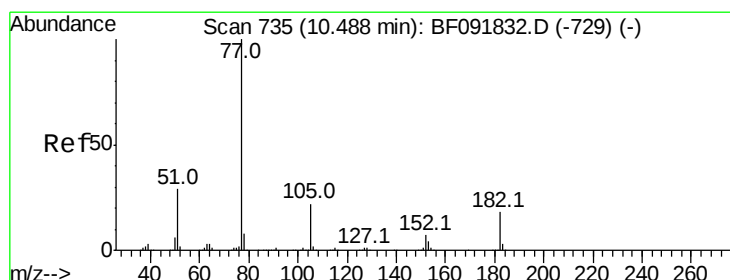
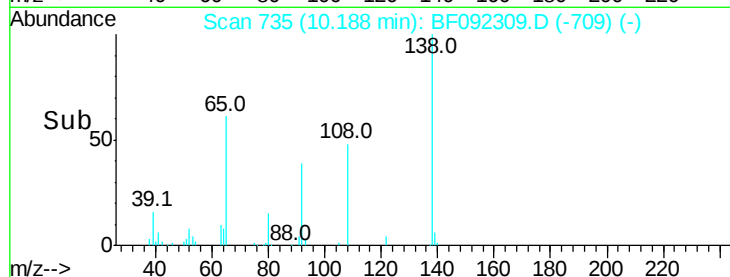
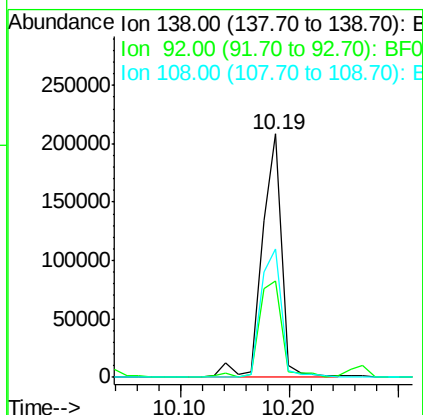
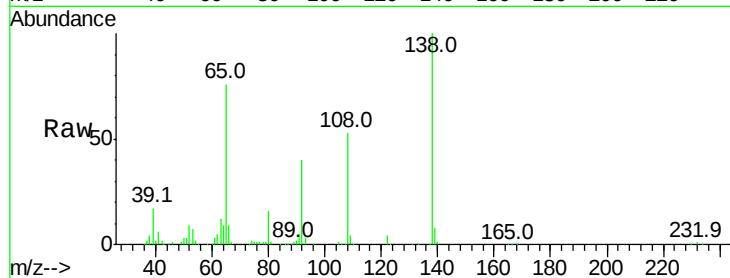
#61
4-Nitroaniline
Concen: 37.01 ng
RT: 10.19 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Instrument :
BNA_F
ClientSampleId :
PB96013BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	39.5	31.7	71.7
108	52.9	52.6	92.6

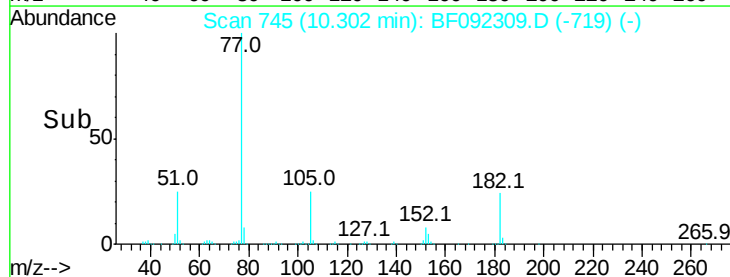
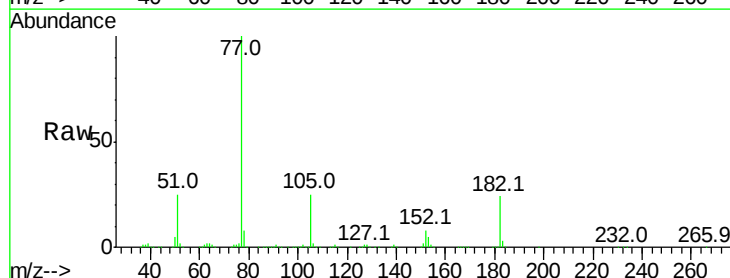
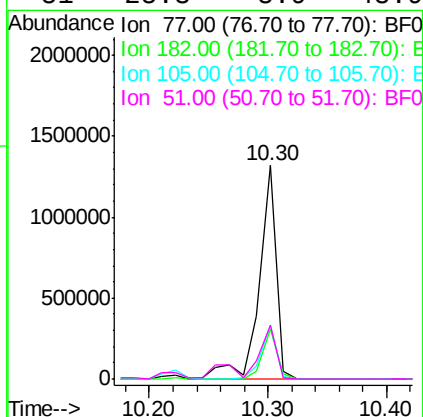
Manual Integrations
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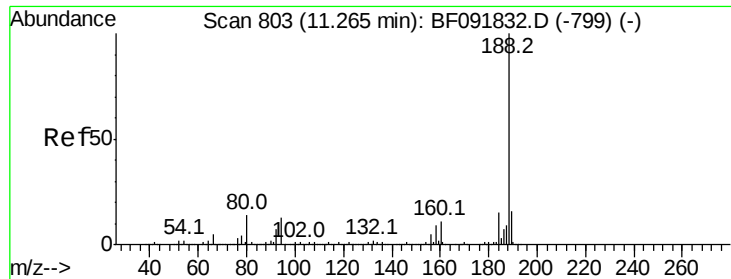
mohammad
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#62
Azobenzene
Concen: 49.07 ng
RT: 10.30 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.5	0.0	39.3
105	25.1	2.3	42.3
51	25.3	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Instrument :

BNA_F

ClientSampleId :

PB96013BSD

Tot Ion:188 Resp: 595024

Ion Ratio Lower Upper

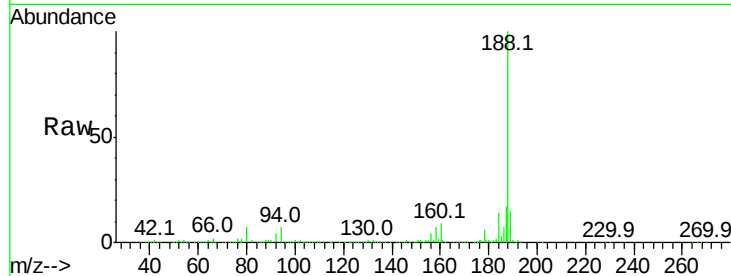
188 100

94 7.2 10.0 15.0#

80 7.2 11.2 16.8#

Manual Integrations
APPROVED

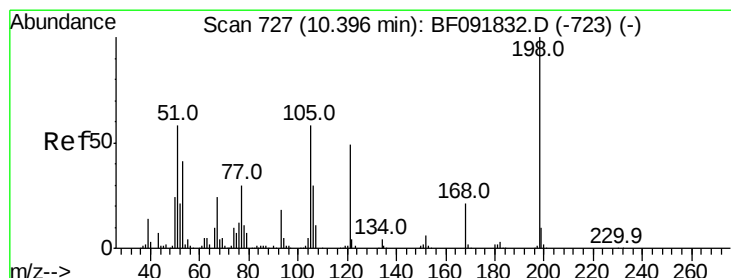
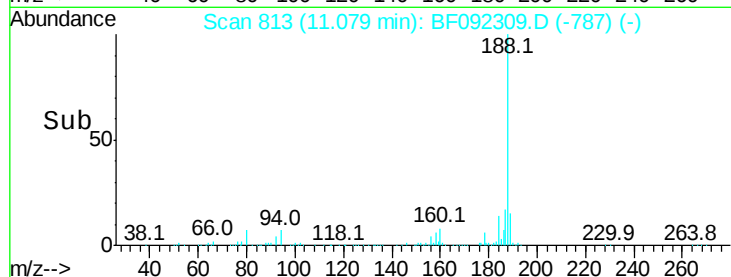
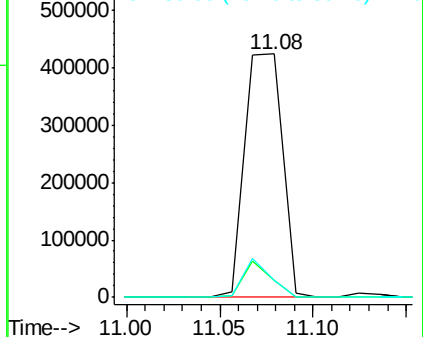
mohammad
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.10 ng

RT: 10.22 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

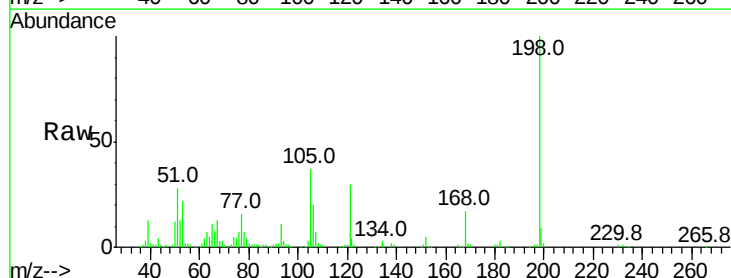
Tgt Ion:198 Resp: 151469

Ion Ratio Lower Upper

198 100

51 27.8 6.7 46.7

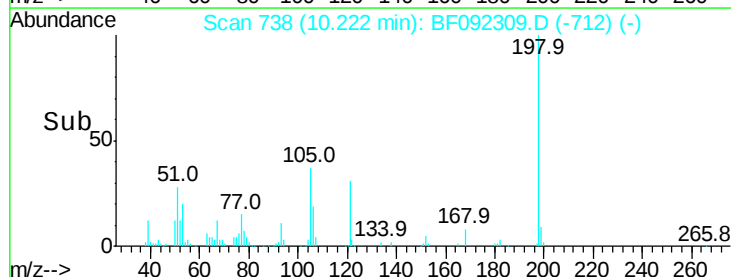
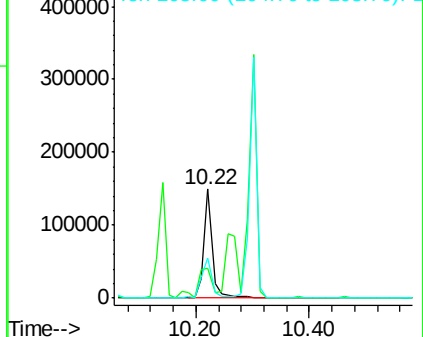
105 36.8 16.6 56.6

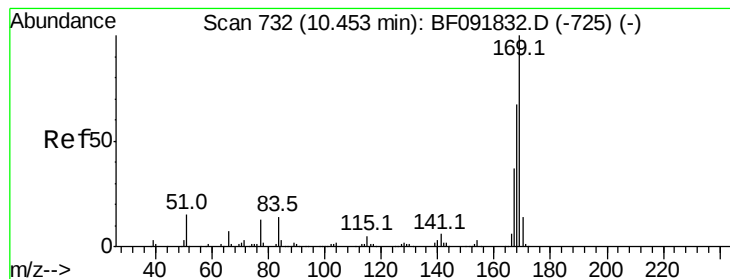


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





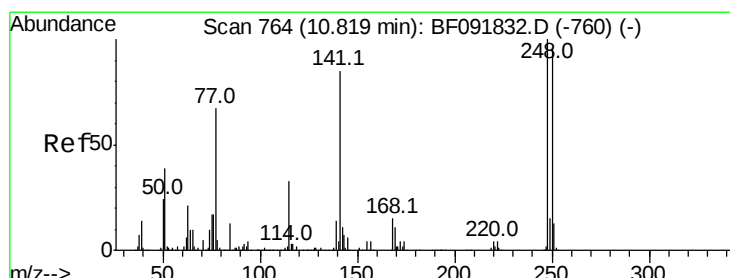
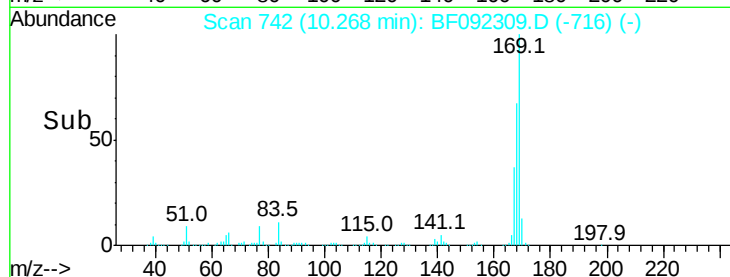
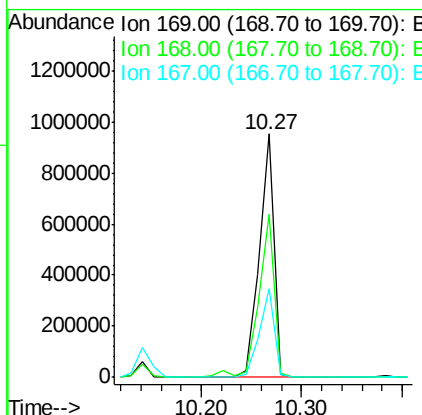
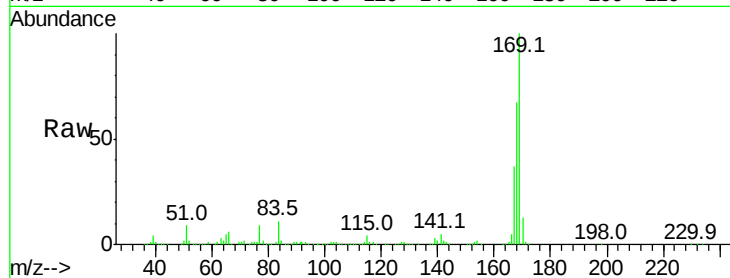
#65
n-Nitrosodiphenylamine
Concen: 54.44 ng
RT: 10.27 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Instrument :
BNA_F
ClientSampleId :
PB96013BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	961201		
168	66.8	54.2	81.2	
167	36.6	30.2	45.4	

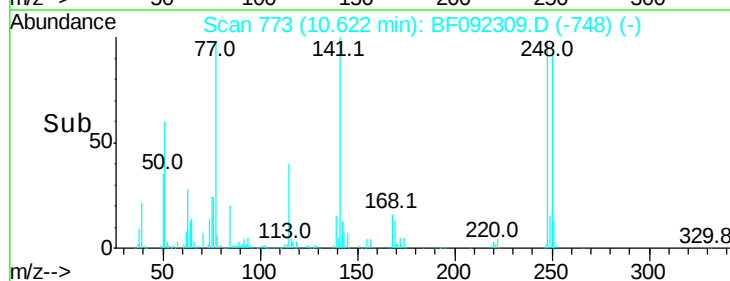
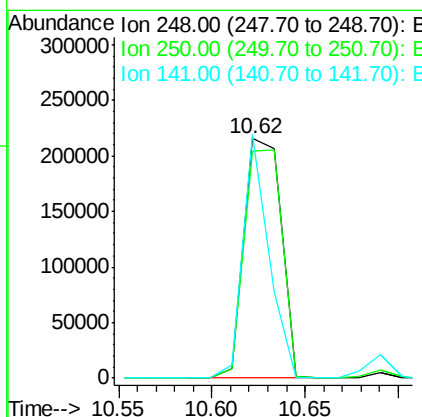
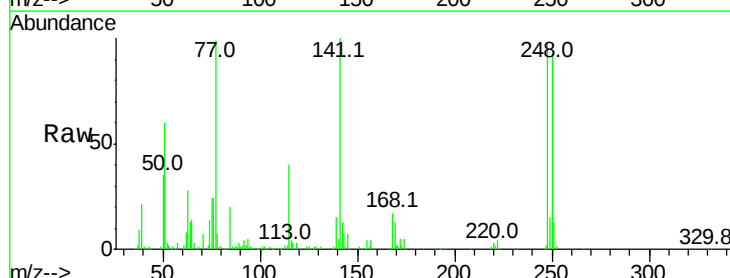
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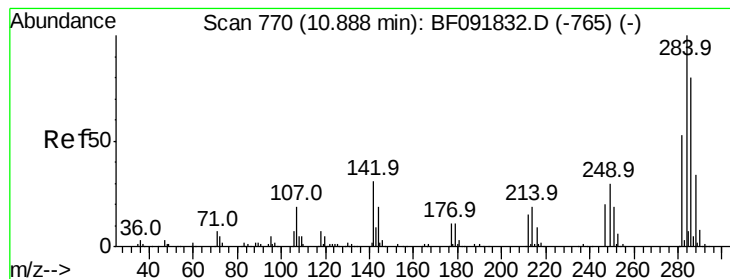
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 48.05 ng
RT: 10.62 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	297410		
250	94.7	76.9	115.3	
141	101.8	68.2	102.4	





#67

Hexachlorobenzene

Concen: 43.55 ng

RT: 10.69 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Instrument :

BNA_F

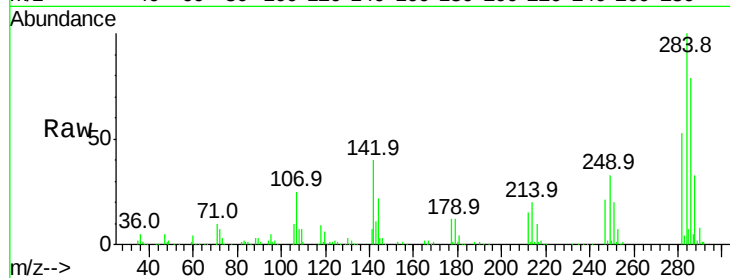
ClientSampleId :

PB96013BSD

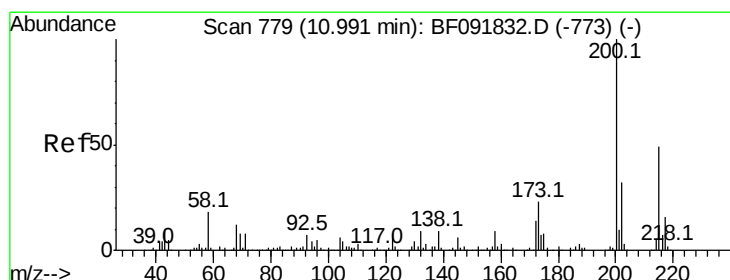
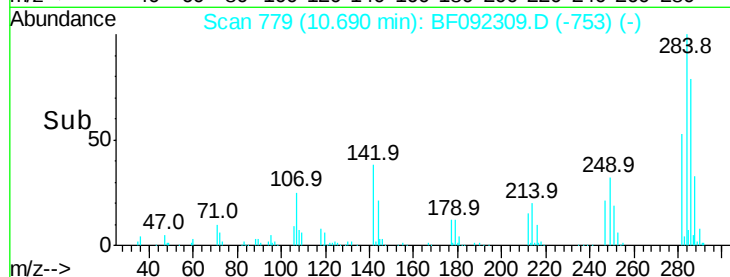
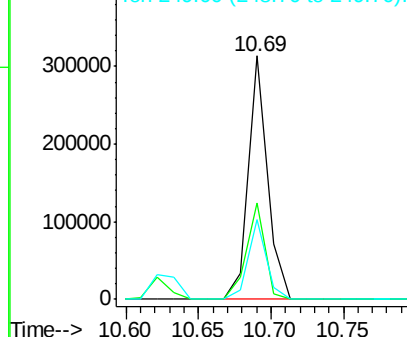
Tot Ion	Ratio	Resp	Lower	Upper
284	100	288150		
142	39.7	22.6	33.8#	
249	32.6	25.4	38.0	

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 50.47 ng

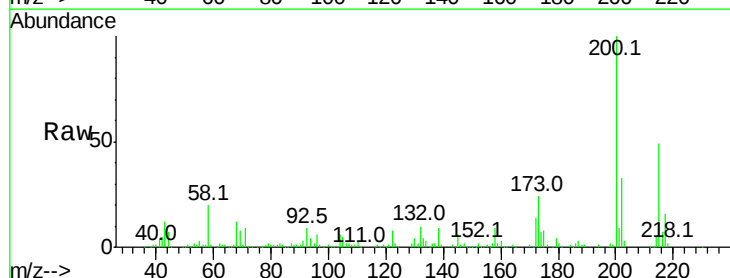
RT: 10.80 min Scan# 789

Delta R.T. -0.00 min

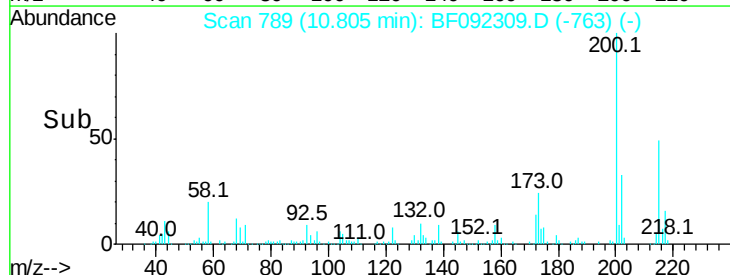
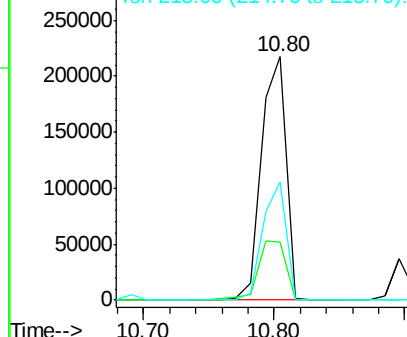
Lab File: BF092309.D

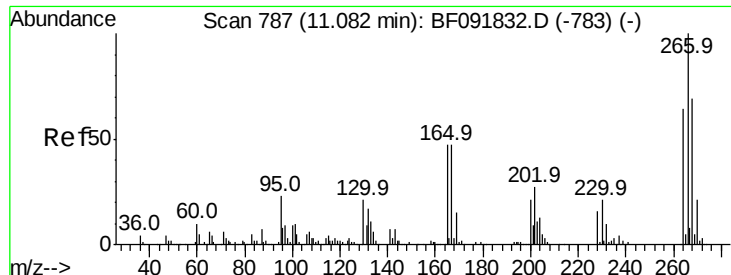
Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	287456		
173	23.9	9.6	49.6	
215	48.8	25.7	65.7	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





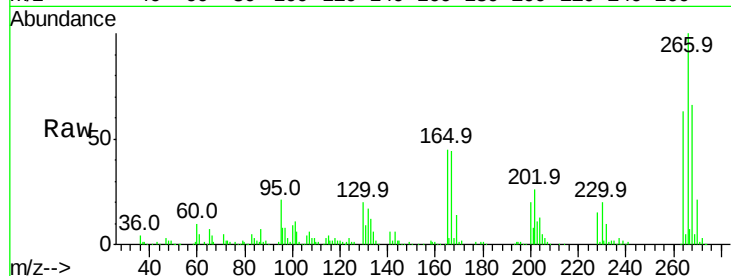
#69
 Pentachlorophenol
 Concen: 67.10 ng
 RT: 10.90 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF092309.D
 Acq: 17 Jan 2017 4:41

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BSD

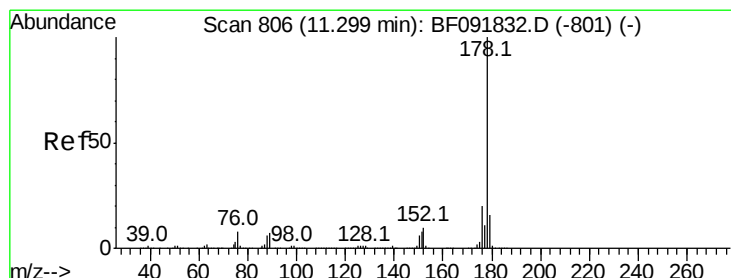
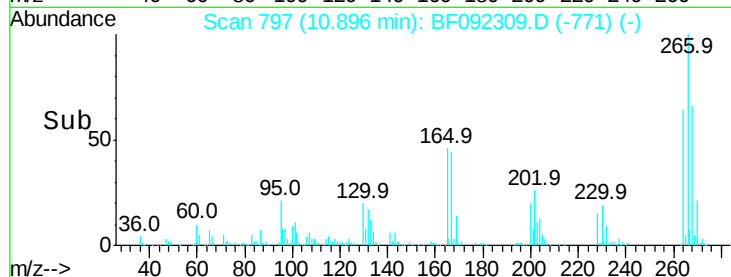
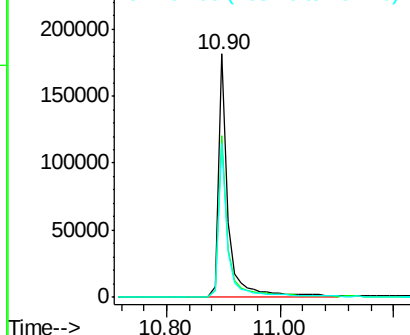
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.3	53.3	79.9
264	63.5	50.3	75.5

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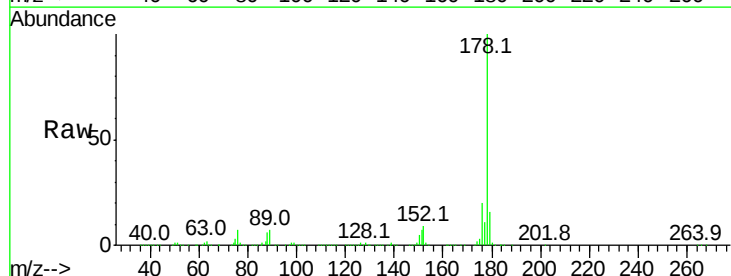


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

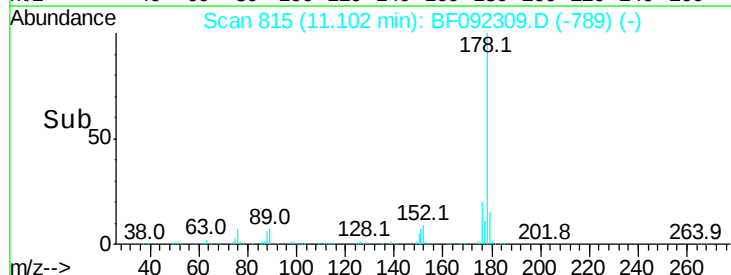
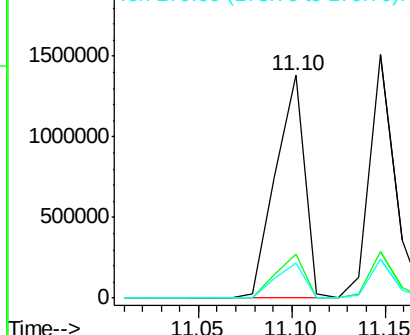


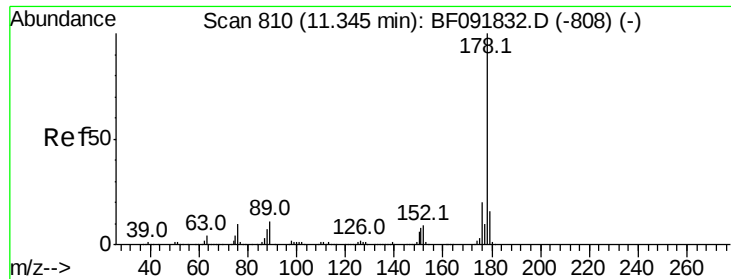
#70
 Phenanthrene
 Concen: 46.47 ng
 RT: 11.10 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF092309.D
 Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	25.0
179	15.5	12.8	19.2



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





#71
 Anthracene
 Concen: 50.66 ng
 RT: 11.15 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF092309.D
 Acq: 17 Jan 2017 4:41

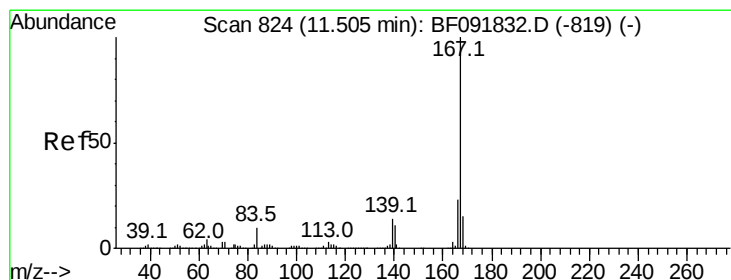
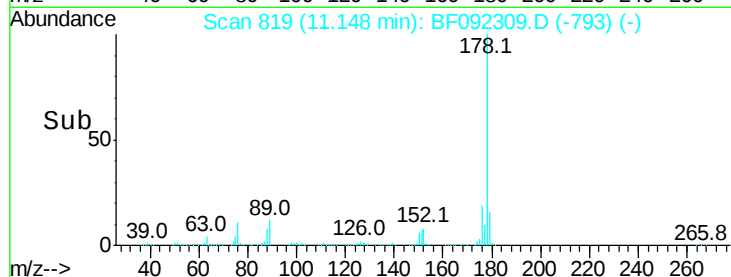
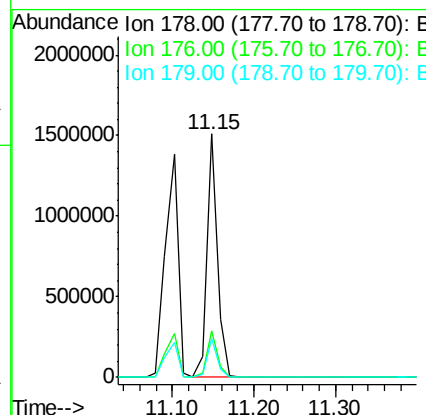
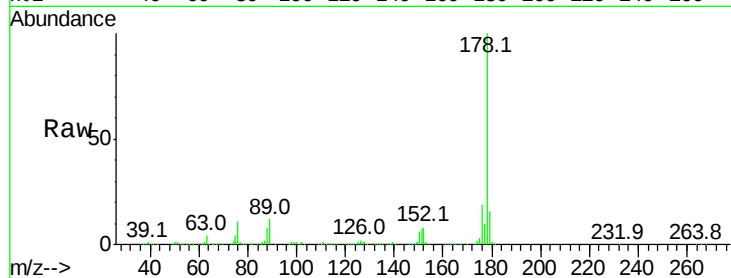
Instrument :
 BNA_F
 ClientSampleId :
 PB96013BSD

Tot Ion:178 Resp: 1387032

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	16.0	13.2	19.8

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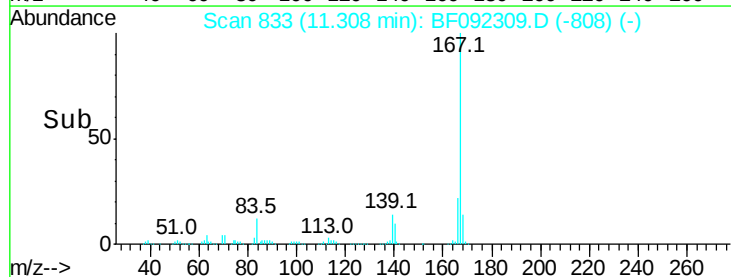
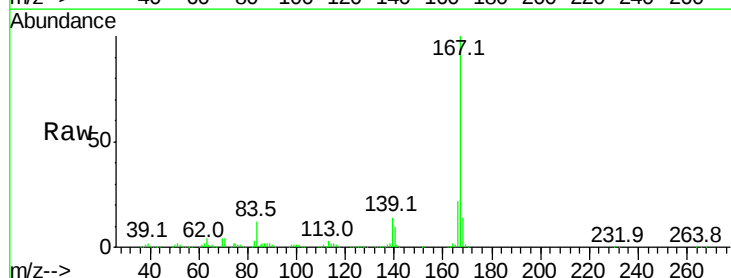
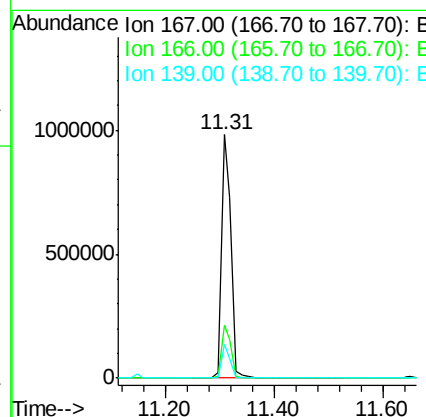
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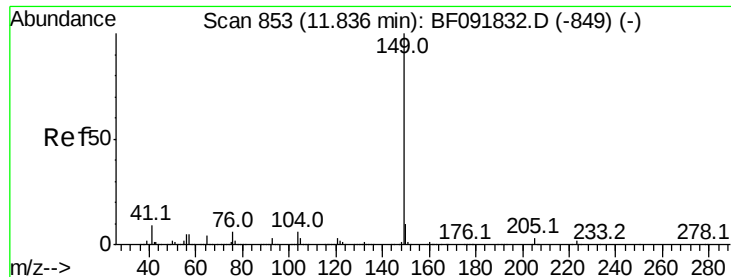


#72
 Carbazole
 Concen: 47.15 ng
 RT: 11.31 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF092309.D
 Acq: 17 Jan 2017 4:41

Tgt Ion:167 Resp: 1226119

Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.2	27.2
139	13.9	11.4	17.2





#73

Di-n-butylphthalate

Concen: 53.82 ng

RT: 11.65 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Instrument :

BNA_F

ClientSampleId :

PB96013BSD

Tot Ion:149 Resp: 1620794

Ion Ratio Lower Upper

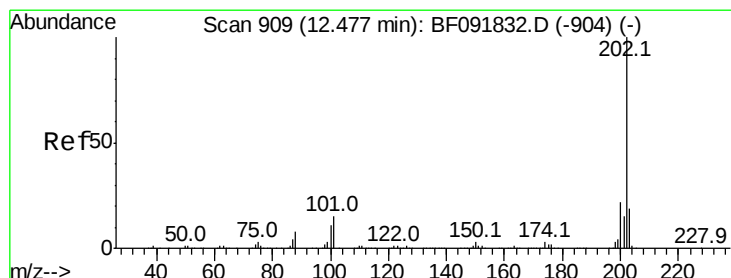
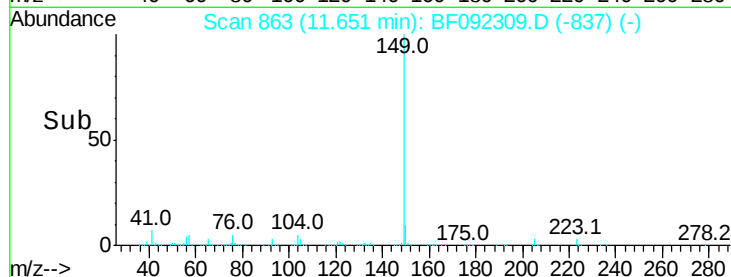
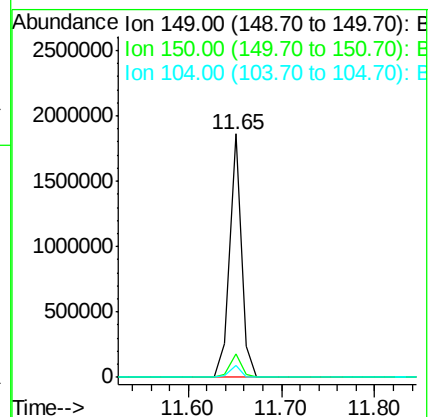
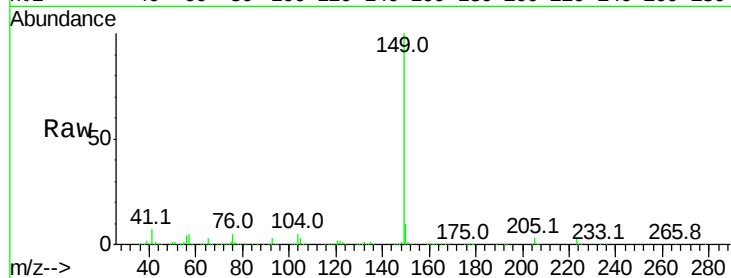
149 100

150 9.7 8.1 12.1

104 5.0 4.6 7.0

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#74

Fluoranthene

Concen: 43.22 ng

RT: 12.28 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

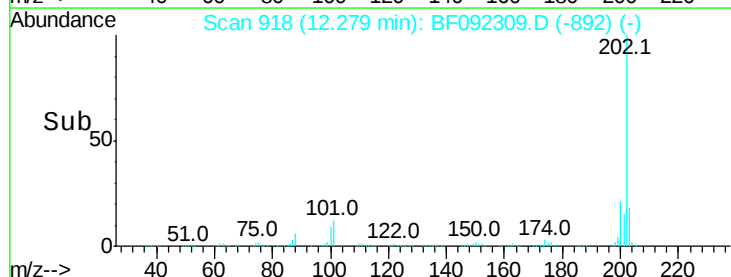
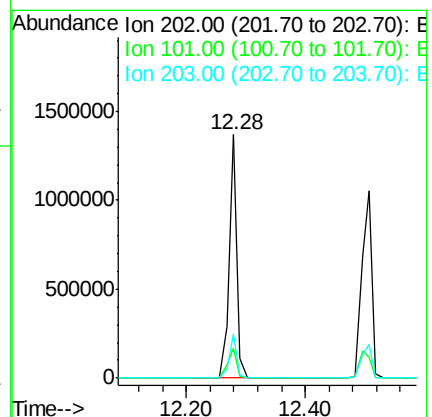
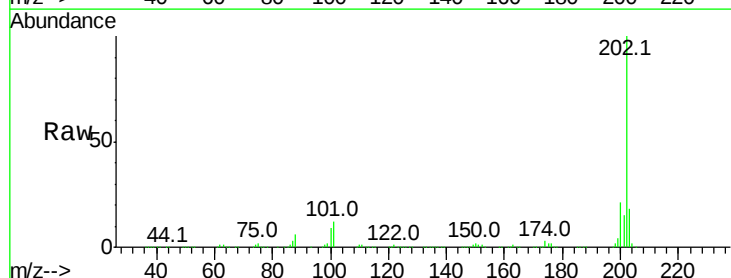
Tgt Ion:202 Resp: 1227792

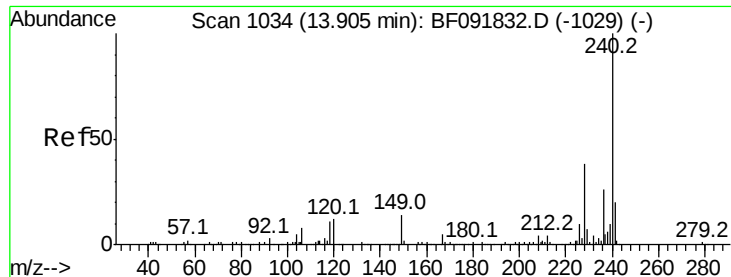
Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.6

203 18.1 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Instrument :

BNA_F

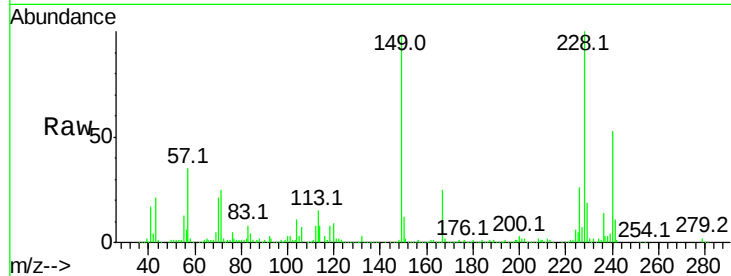
ClientSampleId :

PB96013BSD

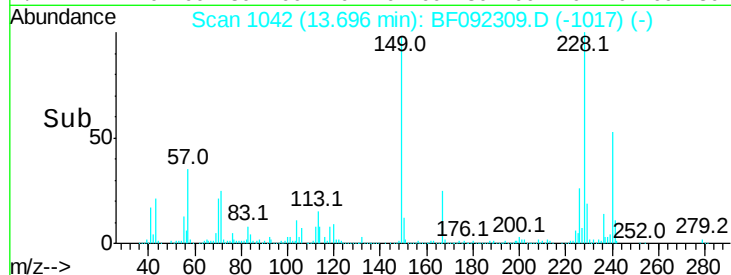
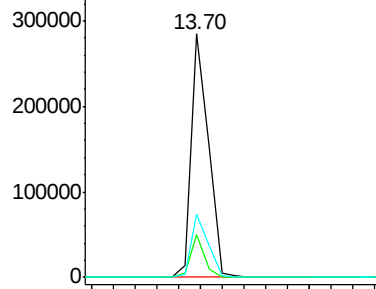
Tot Ion:	240	Resp:	313119
Ion Ratio	Lower	Upper	
240	100		
120	17.3	12.9	19.3
236	25.8	20.9	31.3

Manual Integrations
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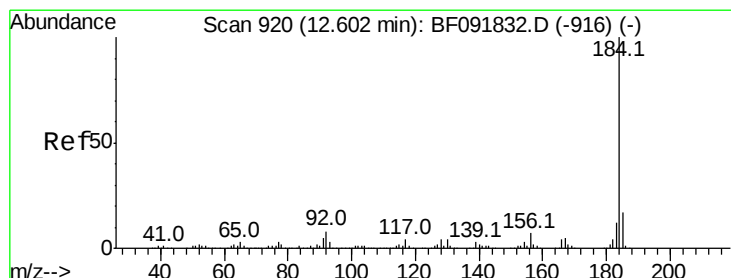
mohammad
1/17/2017 4:58:12 PM



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



Time-->



#76

Benzidine

Concen: 62.33 ng

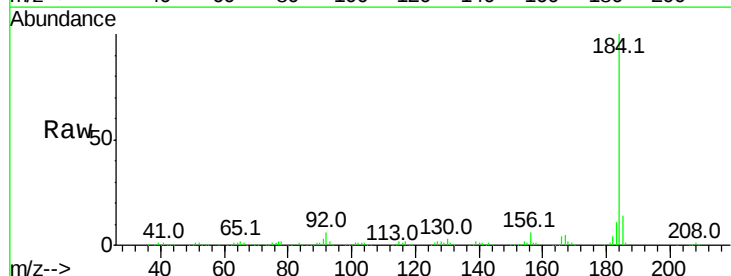
RT: 12.42 min Scan# 930

Delta R.T. -0.00 min

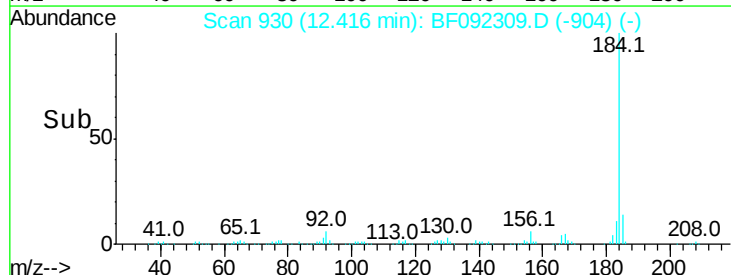
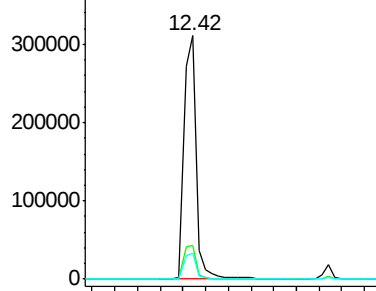
Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Tgt Ion:	184	Resp:	455778
Ion Ratio	Lower	Upper	
184	100		
185	14.1	13.4	20.0
183	10.7	9.2	13.8



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



Time-->



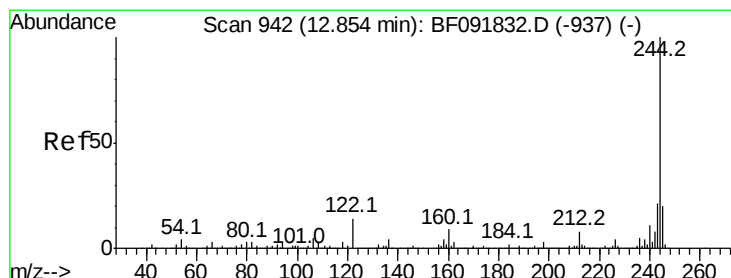
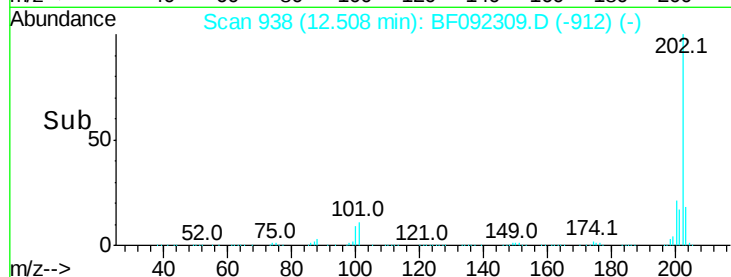
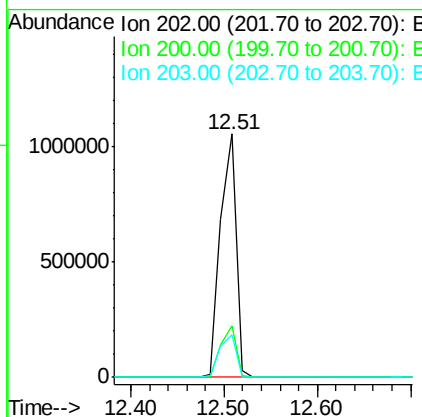
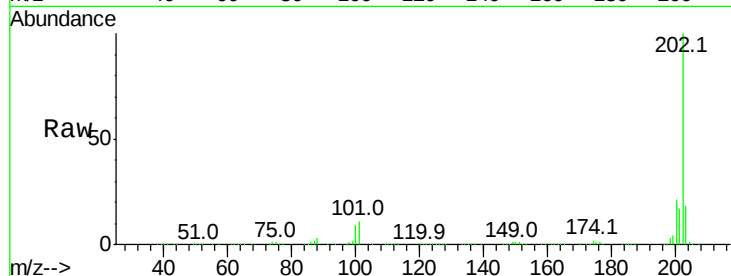
#77
Pvrene
Concen: 53.49 ng
RT: 12.51 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Instrument :
BNA_F
ClientSampleId :
PB96013BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	17.7	14.7	22.1

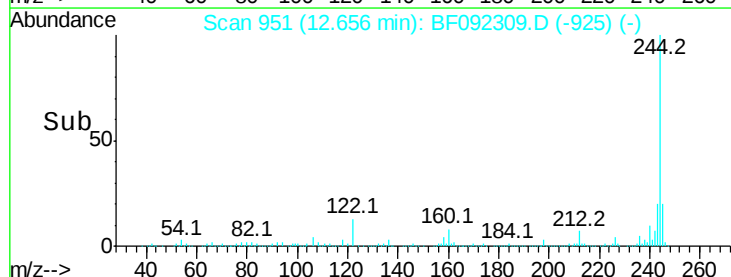
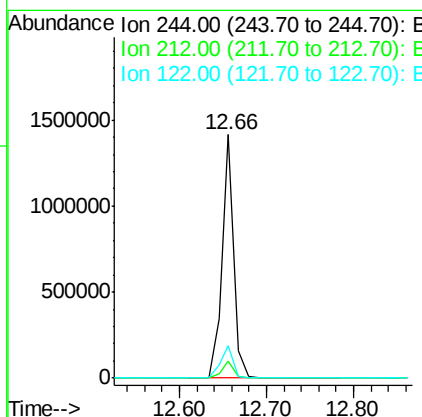
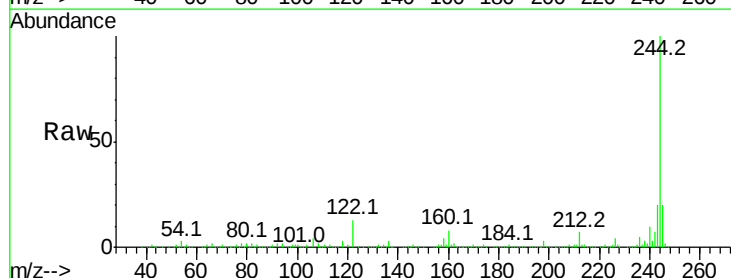
Manual Integrations
APPROVED

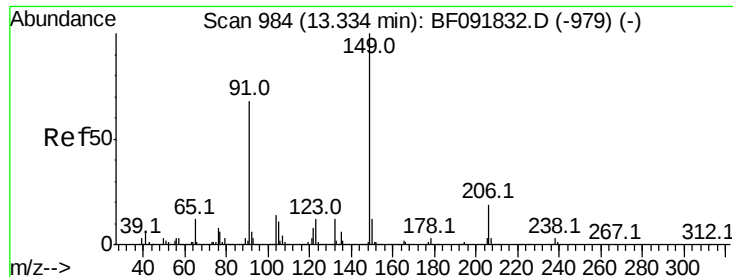
mohammad
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#78
Terphenyl-d14
Concen: 102.80 ng
RT: 12.66 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	13.1	11.4	17.2





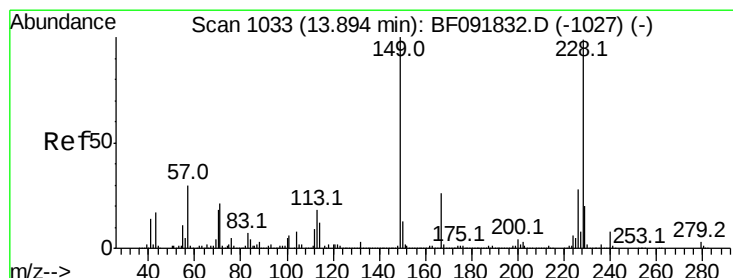
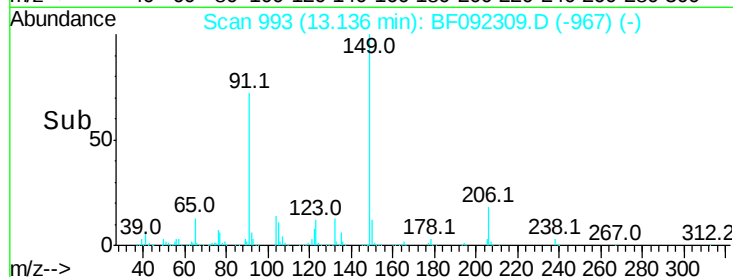
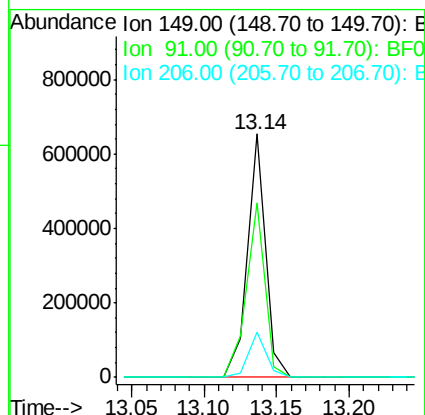
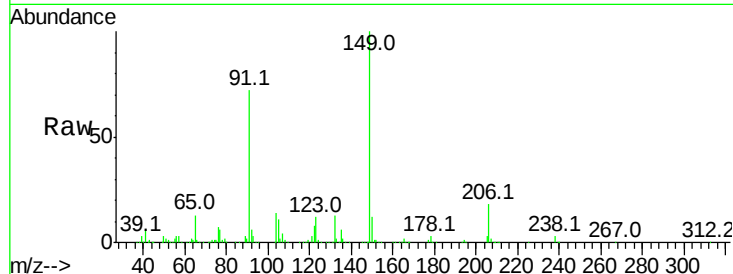
#79
Butylbenzylphthalate
Concen: 54.52 ng
RT: 13.14 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Instrument :
BNA_F
ClientSampleId :
PB96013BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	71.6	63.9	95.9
206	18.4	14.6	21.8

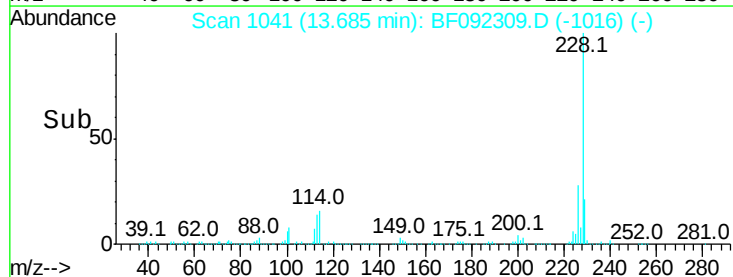
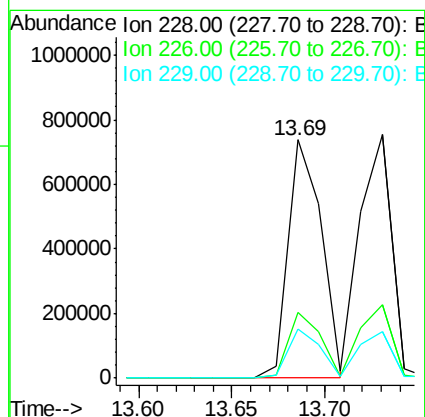
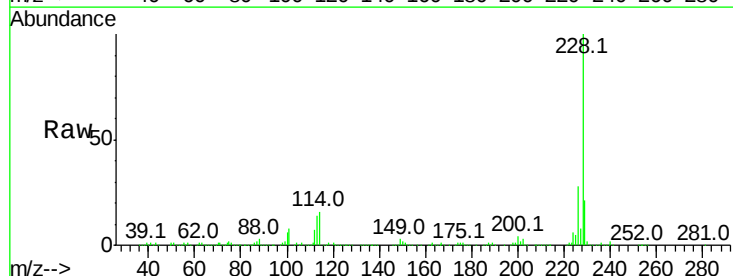
Manual Integrations
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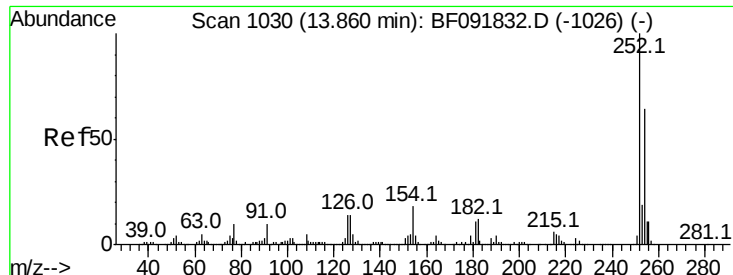
mohammad
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#80
Benzo(a)anthracene
Concen: 51.95 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.7	22.4	33.6
229	20.7	16.2	24.4





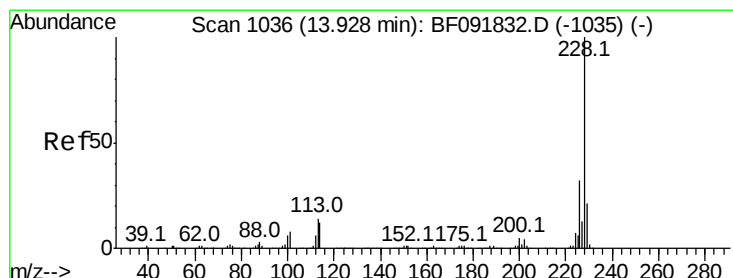
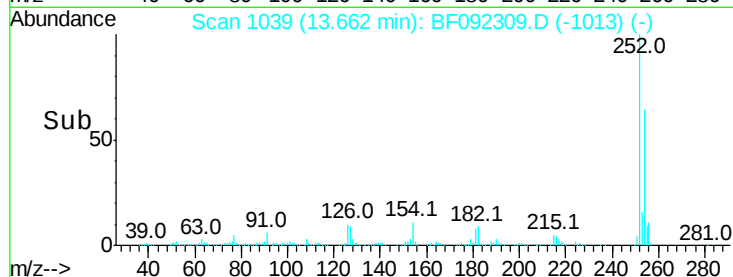
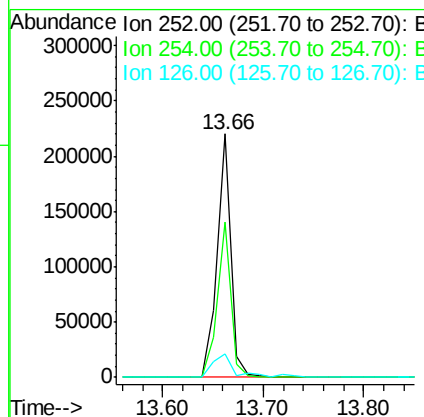
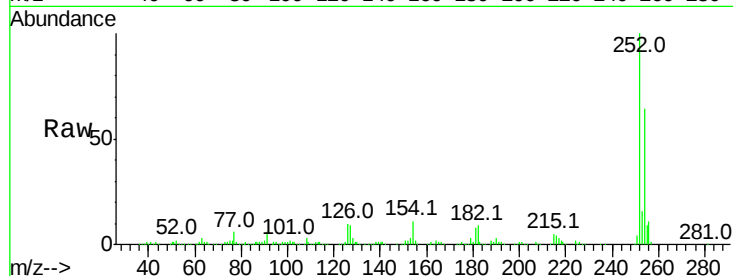
#81
 3,3'-Dichlorobenzidine
 Concen: 31.40 ng
 RT: 13.66 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF092309.D
 Acq: 17 Jan 2017 4:41

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.6	52.3	78.5
126	9.7	13.6	20.4

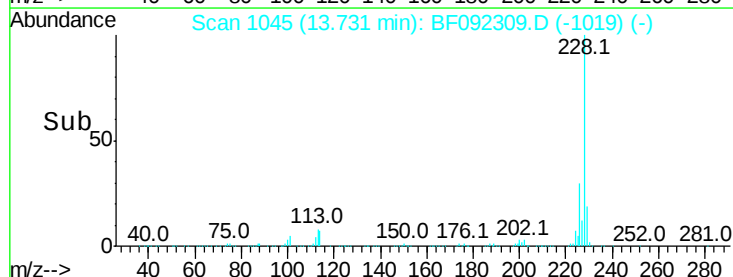
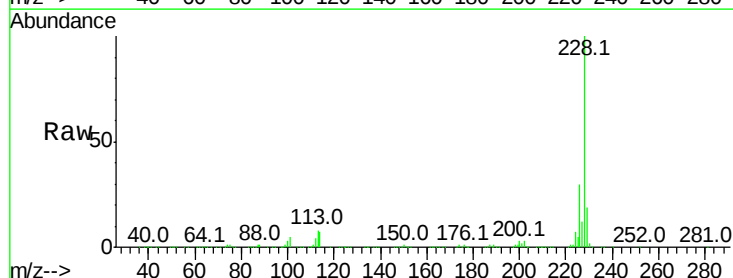
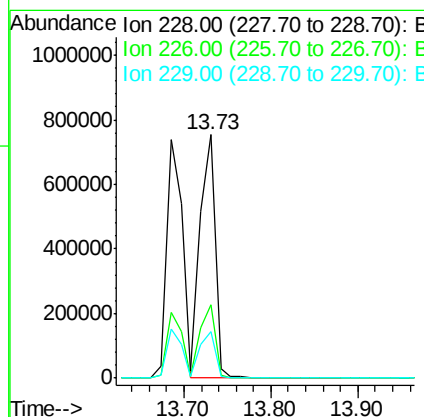
Manual Integrations
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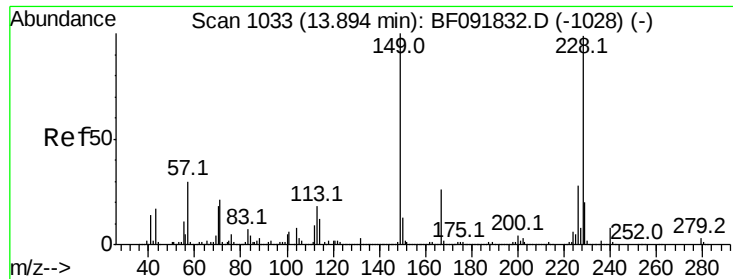
mohammad
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#82
 Chrysene
 Concen: 50.94 ng
 RT: 13.73 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF092309.D
 Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.0	25.4	38.0
229	19.3	16.2	24.2





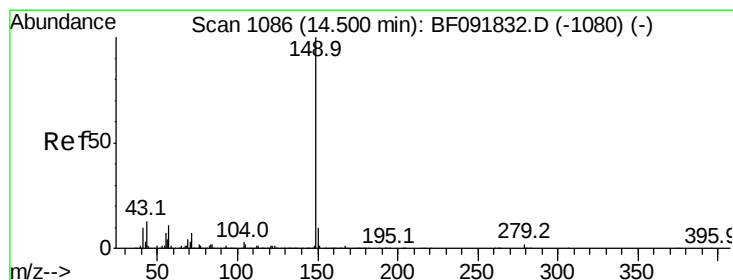
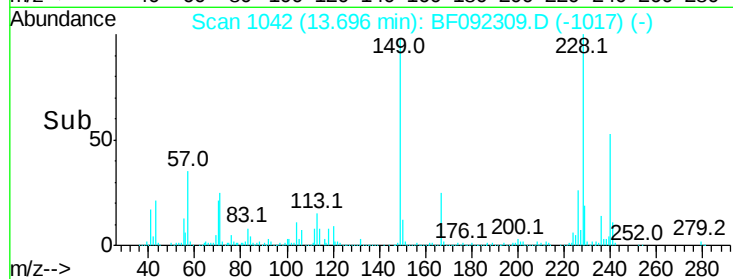
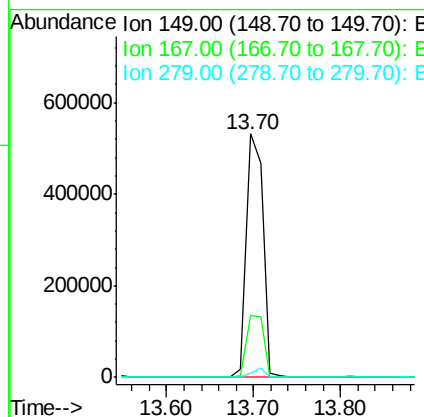
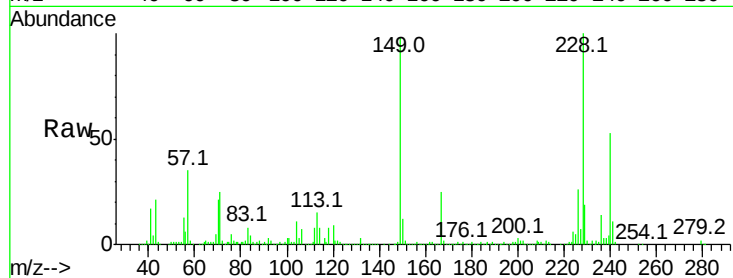
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.58 ng
 RT: 13.70 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF092309.D
 Acq: 17 Jan 2017 4:41

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.2	30.4
279	1.8	1.8	2.8

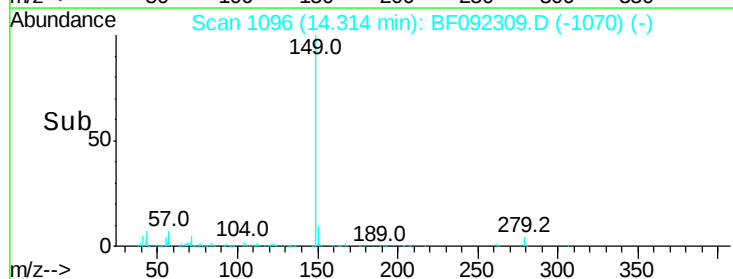
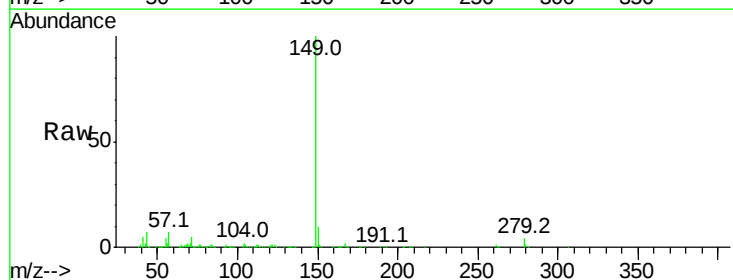
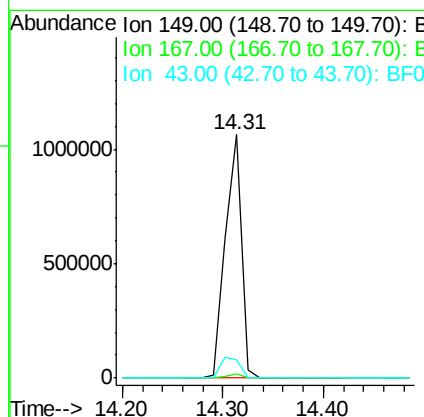
Manual Integrations
 APPROVED

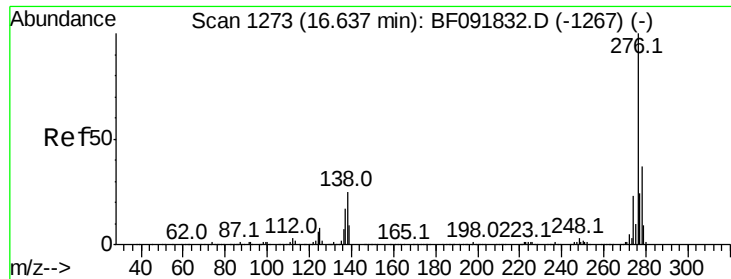
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 52.14 ng
 RT: 14.31 min Scan# 1096
 Delta R.T. -0.00 min
 Lab File: BF092309.D
 Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.0	8.9	13.3





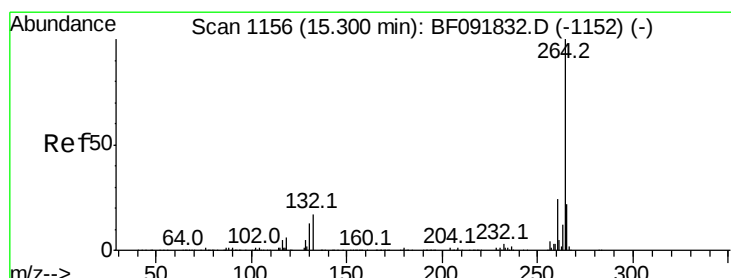
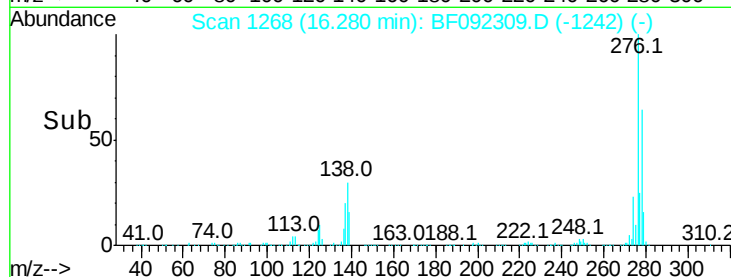
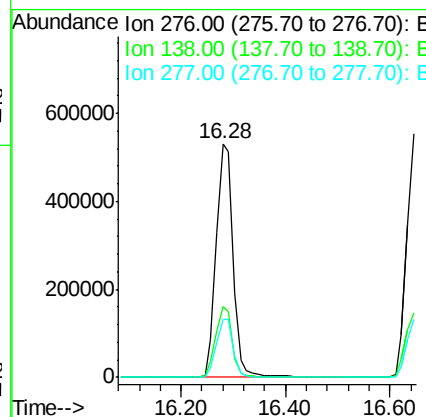
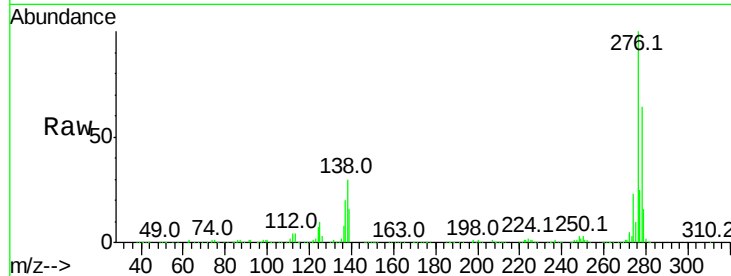
#85
Indeno(1,2,3-cd)pyrene
Concen: 78.26 ng
RT: 16.28 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Instrument :
BNA_F
ClientSampleId :
PB96013BSD

Tot Ion:276 Resp: 1201991
Ion Ratio Lower Upper
276 100
138 29.8 21.8 32.6
277 24.8 20.2 30.4

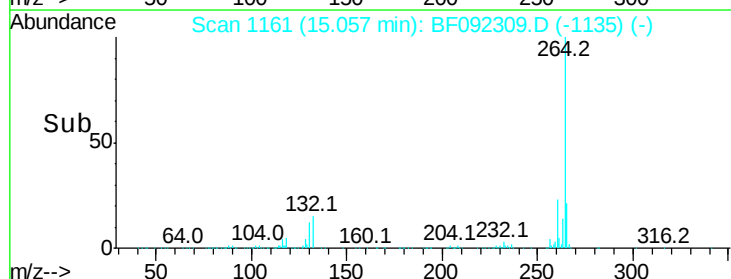
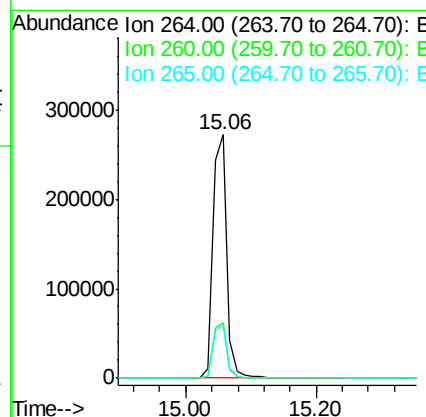
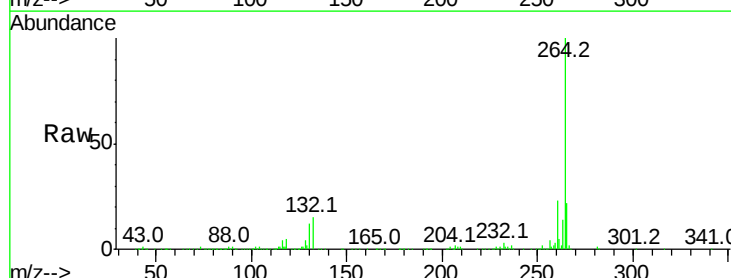
Manual Integrations
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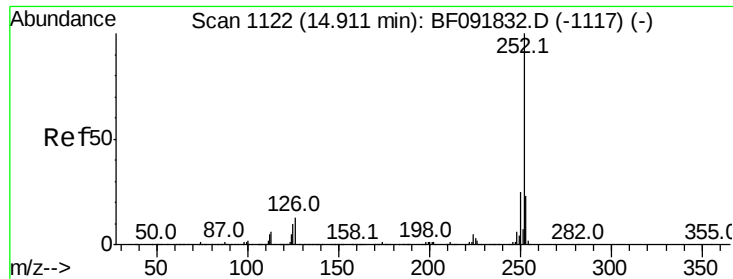
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Tgt Ion:264 Resp: 403410
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 21.5 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 40.18 ng m

RT: 14.69 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Instrument :

BNA_F

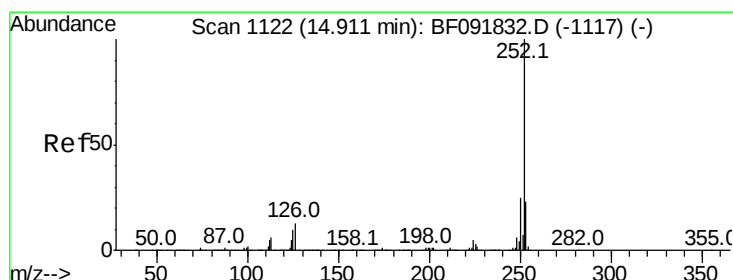
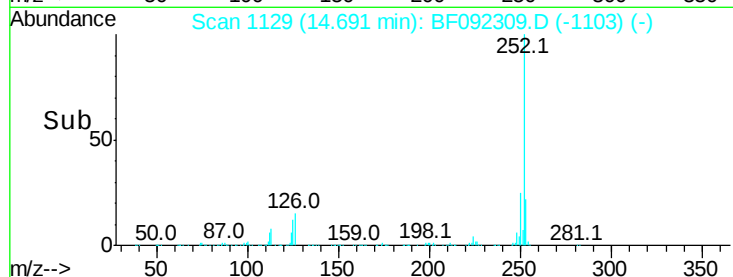
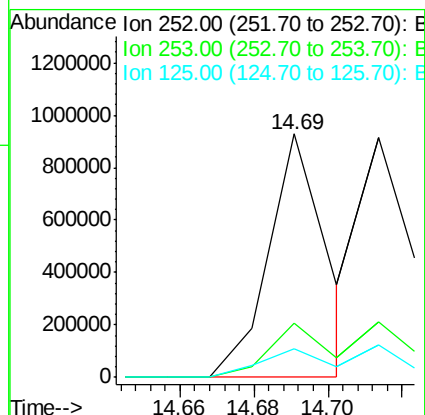
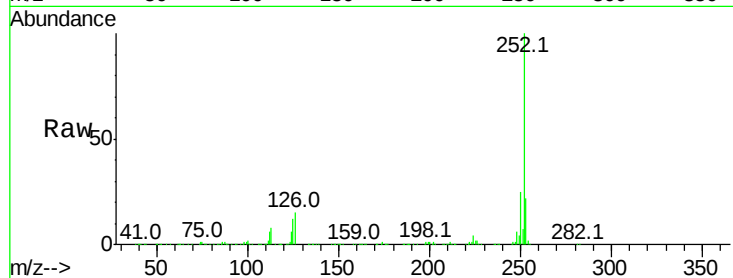
ClientSampleId :

PB96013BSD

Tot	Ion:252	Resp: 1009133	
Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	11.9	9.8	14.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 42.70 ng m

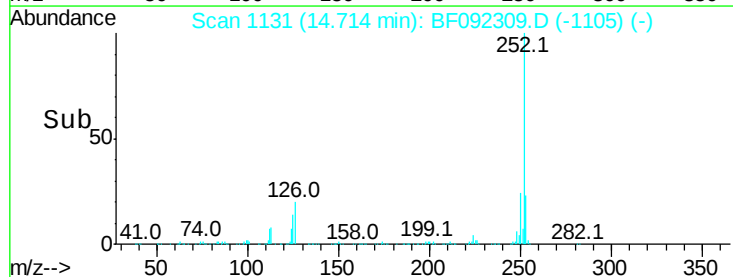
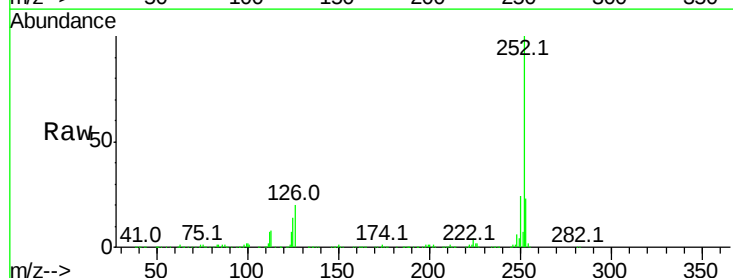
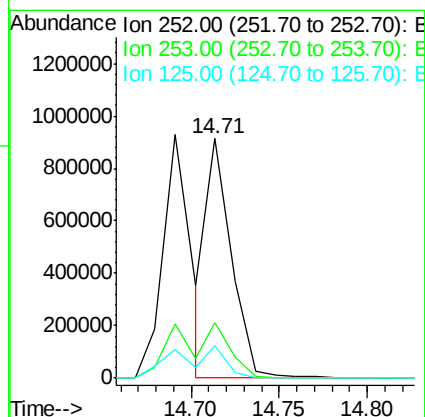
RT: 14.71 min Scan# 1131

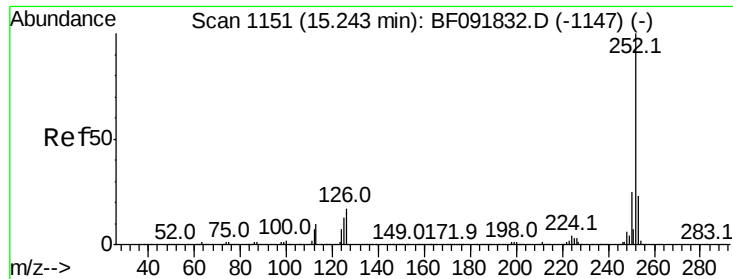
Delta R.T. -0.00 min

Lab File: BF092309.D

Acq: 17 Jan 2017 4:41

Tgt	Ion:252	Resp:	914588
Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	13.7	8.9	13.3#





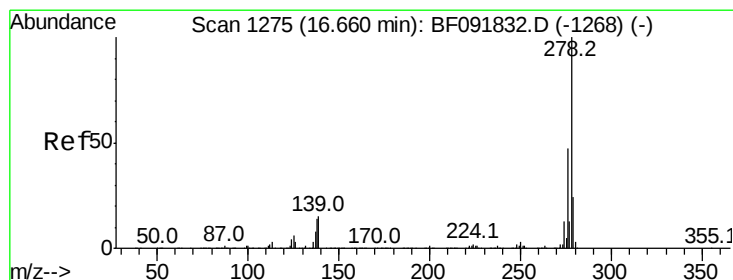
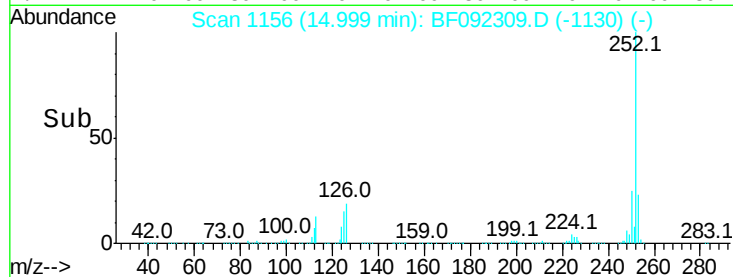
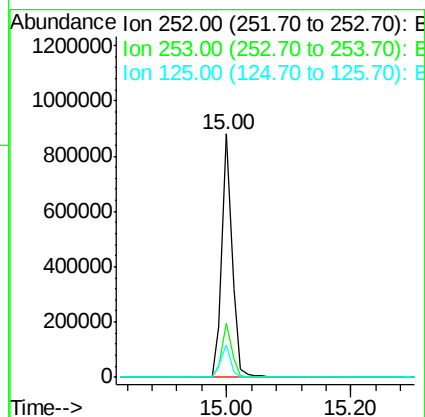
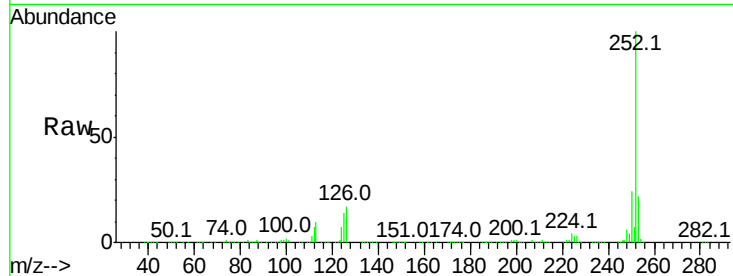
#89
Benzo(a)pyrene
Concen: 44.35 ng
RT: 15.00 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Instrument :
BNA_F
ClientSampleId :
PB96013BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	13.6	10.0	15.0

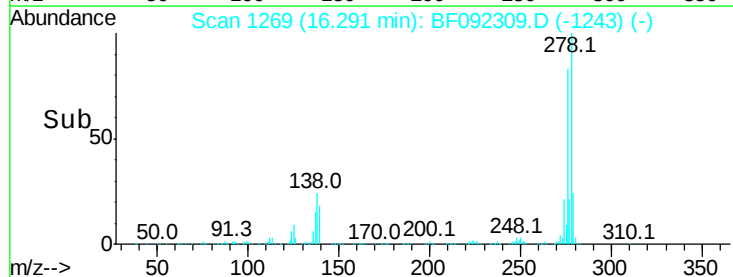
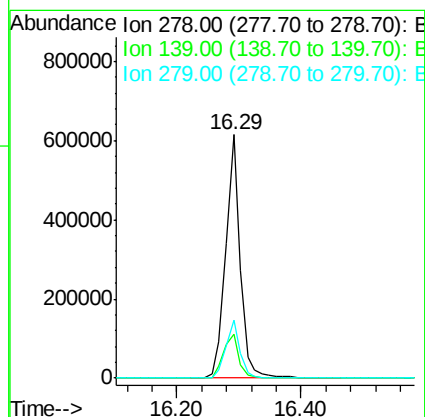
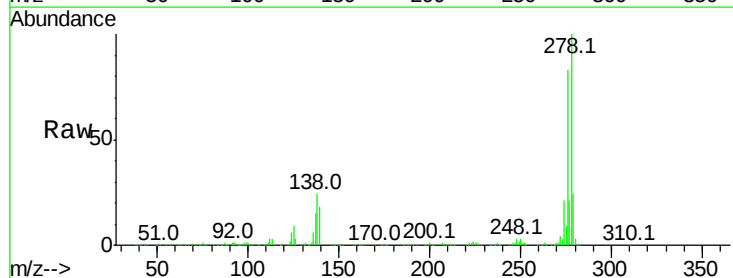
Manual Integrations
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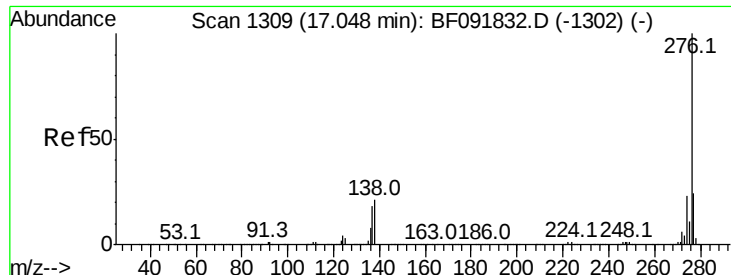
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 54.14 ng
RT: 16.29 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF092309.D
Acq: 17 Jan 2017 4:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.8	22.2
279	23.7	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 55.56 ng
 RT: 16.65 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF092309.D
 Acq: 17 Jan 2017 4:41

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	26.4	16.0	24.0

Manual Integrations
 APPROVED

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