

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092308.D
 Acq On : 17 Jan 2017 4:13
 Operator : UM/SJ
 Sample : PB96013BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BS

Manual Integrations
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 1/17/2017 4:58:09 PM

Quant Time: Jan 17 06:28:32 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	184364	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	726671	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	363998	20.00	ng	0.00
63) Phenanthrene-d10	11.08	188	686794	20.00	ng	0.00
75) Chrysene-d12	13.70	240	360592	20.00	ng	-0.01
86) Perylene-d12	15.06	264	476464	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.16	112	858456	77.75	ng	0.01
7) Phenol-d6	6.23	99	1041364	77.25	ng	0.00
23) Nitrobenzene-d5	7.14	82	1144340	87.57	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	260590	86.51	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	1667536	95.45	ng	0.00
78) Terphenyl-d14	12.66	244	1460391	98.22	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.05	88	219644	40.41	ng	# 94
3) Pyridine	2.66	79	664347	35.02	ng	98
4) n-Nitrosodimethylamine	2.62	42	266673	37.26	ng	99
6) Aniline	6.22	93	287144	16.40	ng	# 51
8) 2-Chlorophenol	6.36	128	593819	47.28	ng	87
9) Benzaldehyde	6.11	77	30478	2.80	ng	85
10) Phenol	6.24	94	726182	47.27	ng	# 71
11) bis(2-Chloroethyl)ether	6.31	93	565215	46.24	ng	91
12) 1,3-Dichlorobenzene	6.50	146	562429m	41.95	ng	
13) 1,4-Dichlorobenzene	6.58	146	555416	40.70	ng	99
14) 1,2-Dichlorobenzene	6.74	146	538629	45.49	ng	96
15) Benzyl Alcohol	6.72	79	438852	41.90	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	791669	43.49	ng	52
17) 2-Methylphenol	6.86	107	444865	44.04	ng	# 88
18) Hexachloroethane	7.07	117	215613	42.62	ng	# 86
19) n-Nitroso-di-n-propylamine	7.00	70	406492	45.32	ng	97
20) 3+4-Methylphenols	7.01	107	630144	52.30	ng	# 69
22) Acetophenone	6.99	105	802601	44.78	ng	# 92
24) Nitrobenzene	7.16	77	615359	44.21	ng	95
25) Isophorone	7.40	82	1088917	45.16	ng	96
26) 2-Nitrophenol	7.48	139	300267	43.75	ng	91
27) 2,4-Dimethylphenol	7.54	122	471276	41.40	ng	98
28) bis(2-Chloroethoxy)methane	7.62	93	638831	43.69	ng	98
29) 2,4-Dichlorophenol	7.73	162	451170	46.80	ng	92
30) 1,2,4-Trichlorobenzene	7.80	180	443937	42.02	ng	97
31) Naphthalene	7.88	128	1515146	45.56	ng	99
32) Benzoic acid	7.70	122	253445	30.02	ng	98
33) 4-Chloroaniline	7.94	127	120701	8.05	ng	96
34) Hexachlorobutadiene	7.99	225	236595	42.43	ng	99
35) Caprolactam	8.31	113	135550m	42.79	ng	
36) 4-Chloro-3-methylphenol	8.45	107	474425	42.77	ng	86
37) 2-Methylnaphthalene	8.56	142	926540	46.54	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	435223	47.32	ng	99
40) Hexachlorocyclopentadiene	8.72	237	201455	50.72	ng	99

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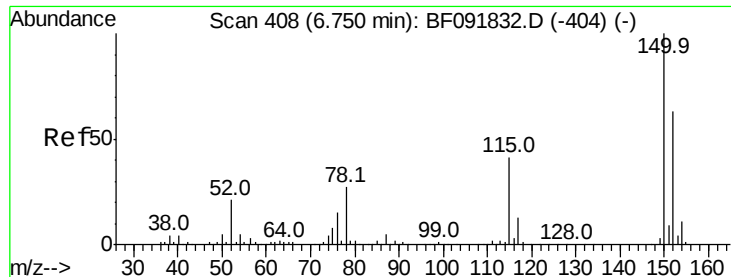
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	273712	42.56	nq	99
43) 2,4,5-Trichlorophenol	8.91	196	286946	43.35	nq	93
45) 1,1'-Biphenyl	9.03	154	1238250	49.68	nq	99
46) 2-Chloronaphthalene	9.06	162	936998	47.47	nq	97
47) 2-Nitroaniline	9.16	65	284103	40.43	nq	99
48) Acenaphthylene	9.46	152	1308385	43.10	nq	98
49) Dimethylphthalate	9.34	163	1024515	44.01	nq	99
50) 2,6-Dinitrotoluene	9.41	165	232209	45.57	nq	# 76
51) Acenaphthene	9.63	154	855952	41.59	nq	99
52) 3-Nitroaniline	9.57	138	114809	18.21	nq	91
53) 2,4-Dinitrophenol	9.70	184	141083	49.76	nq	# 89
54) Dibenzofuran	9.80	168	1258275	45.28	nq	98
55) 4-Nitrophenol	9.76	139	287739m	67.20	nq	
56) 2,4-Dinitrotoluene	9.81	165	297073	46.45	nq	91
57) Fluorene	10.14	166	981136	48.52	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	282202	53.91	nq	96
59) Diethylphthalate	10.04	149	1220580	53.99	nq	98
60) 4-Chlorophenyl-phenylether	10.14	204	456025	51.51	nq	94
61) 4-Nitroaniline	10.19	138	311573	47.68	nq	86
62) Azobenzene	10.30	77	1435652	57.67	nq	94
64) 4,6-Dinitro-2-methylphenol	10.22	198	152257	36.66	nq	88
65) n-Nitrosodiphenylamine	10.27	169	1053602	51.70	nq	99
66) 4-Bromophenyl-phenylether	10.63	248	332960	46.60	nq	# 76
67) Hexachlorobenzene	10.69	284	314097	41.13	nq	# 88
68) Atrazine	10.80	200	338540	51.50	nq	96
69) Pentachlorophenol	10.90	266	252981	67.52	nq	97
70) Phenanthrene	11.10	178	1635232	43.91	nq	99
71) Anthracene	11.15	178	1515798	46.40	nq	99
72) Carbazole	11.32	167	1420011	47.46	nq	# 96
73) Di-n-butylphthalate	11.65	149	1712744	48.89	nq	99
74) Fluoranthene	12.28	202	1347061	40.88	nq	98
76) Benzidine	12.42	184	561121	68.76	nq	96
77) Pyrene	12.51	202	1396683	52.79	nq	98
79) Butylbenzylphthalate	13.14	149	643436	53.47	nq	96
80) Benzo(a)anthracene	13.69	228	1028902	50.55	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	227061	29.42	nq	# 97
82) Chrysene	13.73	228	1031871	50.54	nq	98
83) Bis(2-ethylhexyl)phthalate	13.71	149	795674	56.15	nq	# 94
84) Di-n-octyl phthalate	14.31	149	1368384	52.13	nq	98
85) Indeno(1,2,3-cd)pyrene	16.28	276	1325377	74.93	nq	97
87) Benzo(b)fluoranthene	14.69	252	1075604m	36.26	nq	
88) Benzo(k)fluoranthene	14.71	252	1020432m	40.34	nq	
89) Benzo(a)pyrene	15.00	252	1100109	41.78	nq	98
90) Dibenzo(a,h)anthracene	16.29	278	1088552	50.30	nq	98
91) Benzo(g,h,i)perylene	16.65	276	1177045	52.31	nq	# 92

(#) = 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: BF092308.D

Acq: 17 Jan 2017 4:13

Instrument :

BNA_F

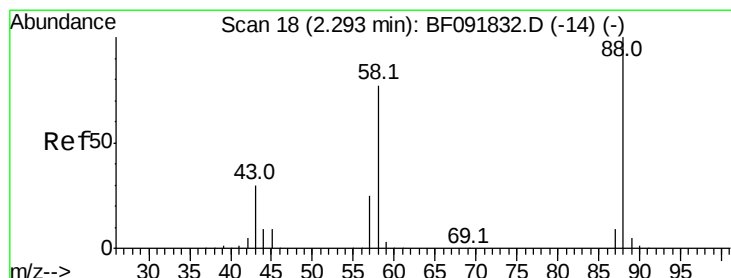
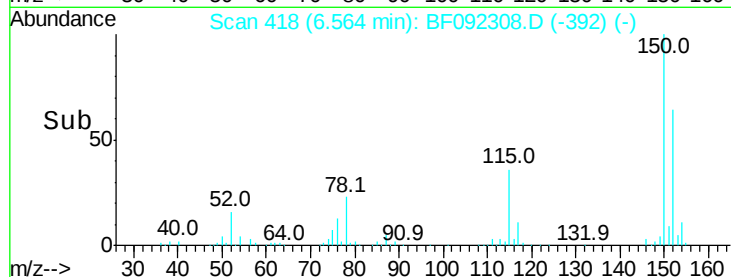
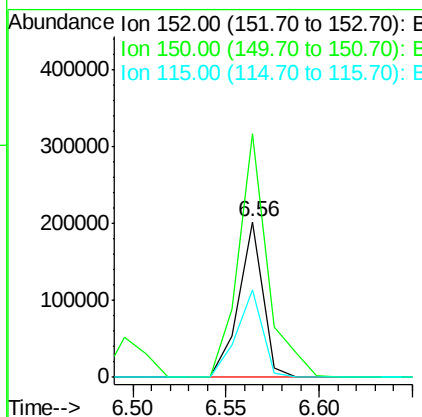
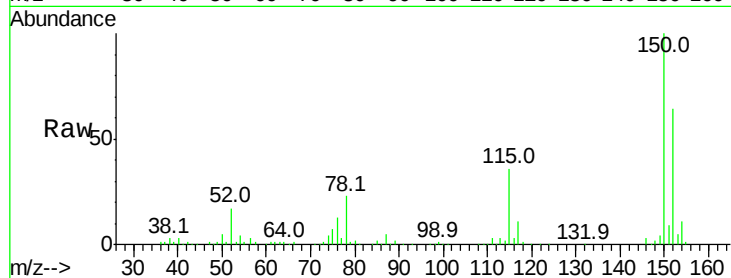
ClientSampleId :

PB96013BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.9	187.3
115	56.4	46.0	69.0

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#2

1,4-Dioxane

Concen: 40.41 ng

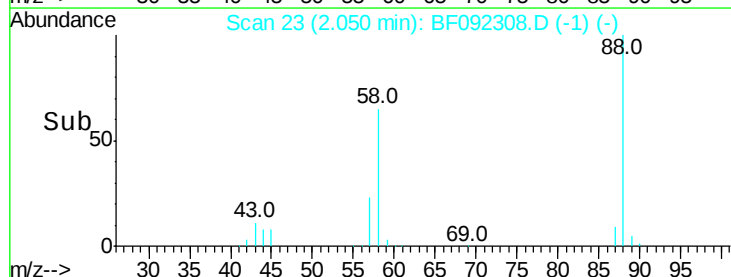
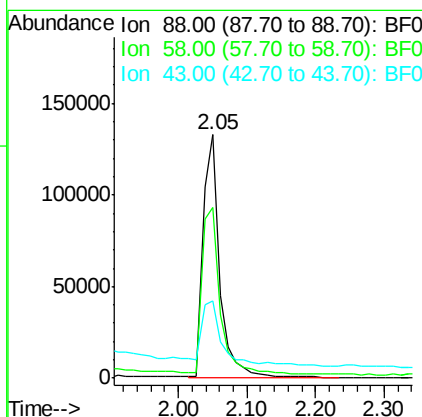
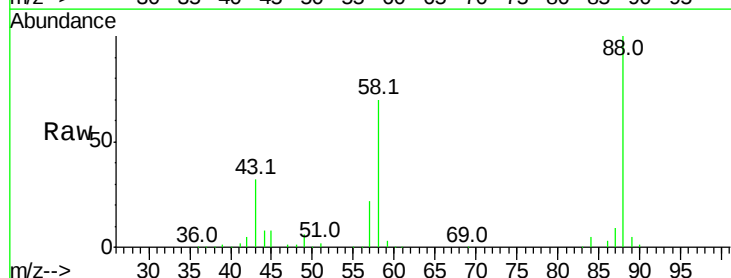
RT: 2.05 min Scan# 23

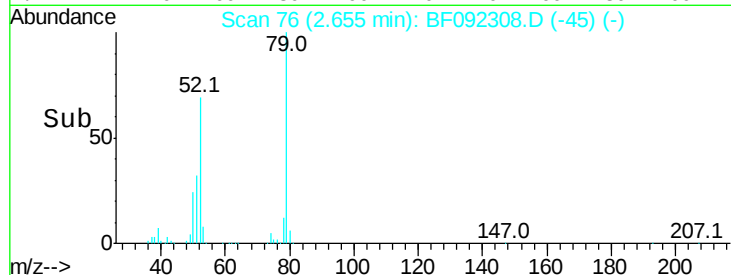
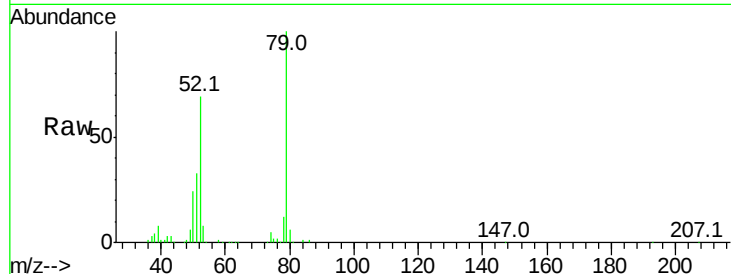
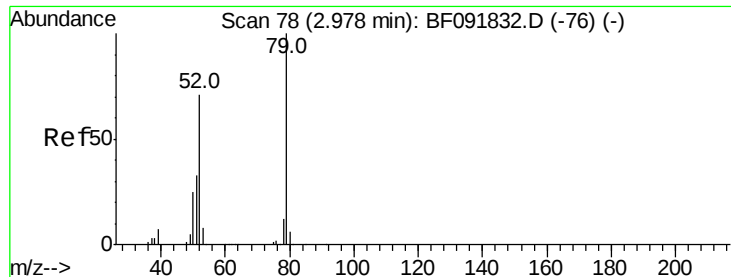
Delta R.T. 0.07 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.0	57.8	86.8
43	35.3	22.3	33.5





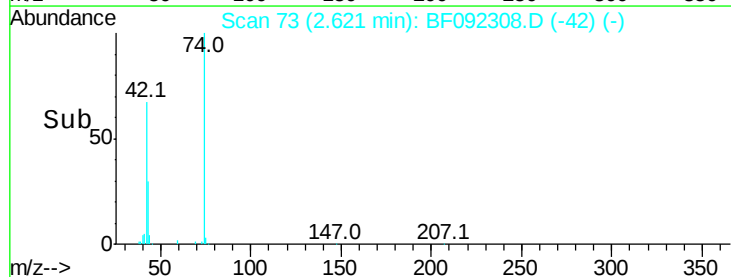
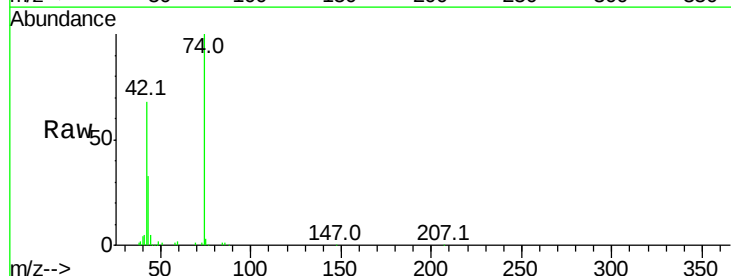
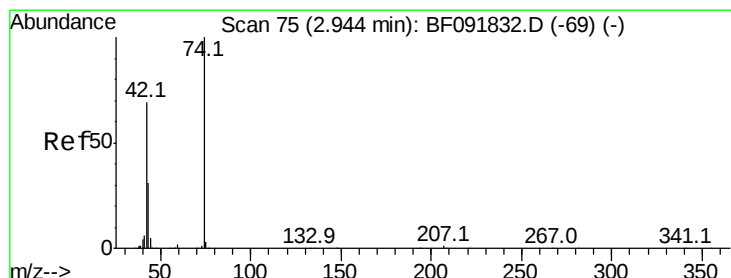
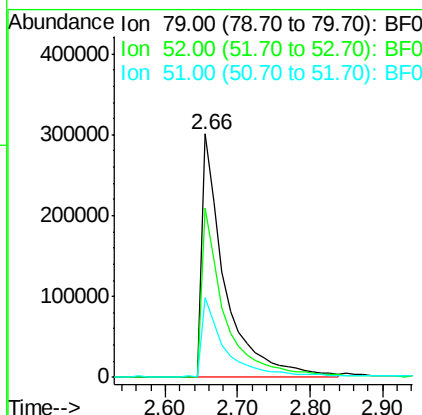
#3
Pvridine
Concen: 35.02 ng
RT: 2.66 min Scan# 76
Delta R.T. 0.06 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.4	57.1	85.7
51	32.8	27.3	40.9

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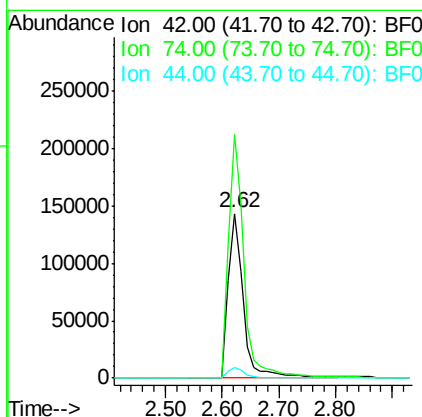
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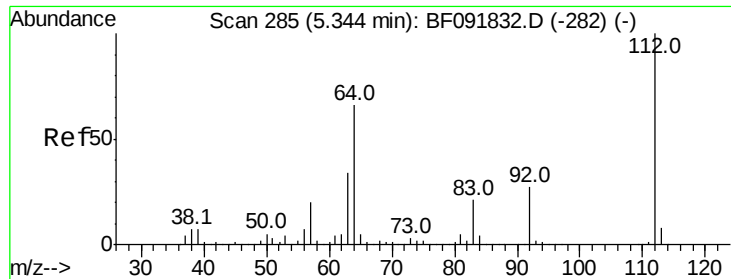
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#4
n-Nitrosodimethylamine
Concen: 37.26 ng
RT: 2.62 min Scan# 73
Delta R.T. 0.06 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	147.8	117.0	175.4
44	6.7	5.5	8.3





#5

2-Fluorophenol

Concen: 77.75 ng

RT: 5.16 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Instrument :

BNA_F

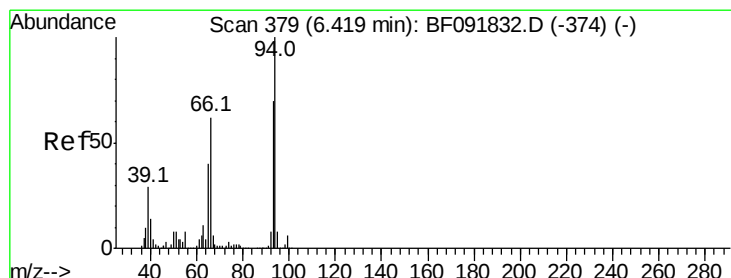
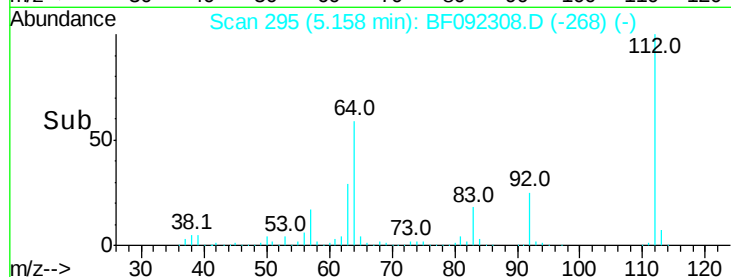
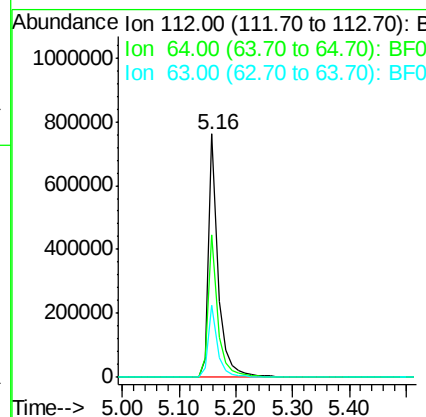
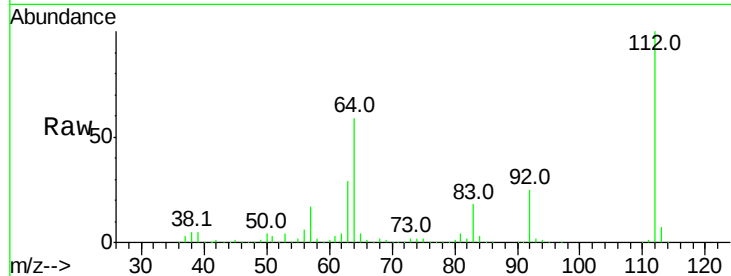
ClientSampleId :

PB96013BS

Tot Ion:	112	Resp:	858456
Ion Ratio	Lower	Upper	
112	100		
64	58.7	46.1	69.1
63	29.4	23.8	35.6

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#6

Aniline

Concen: 16.40 ng

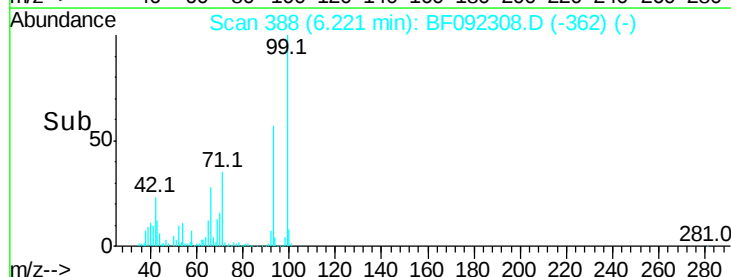
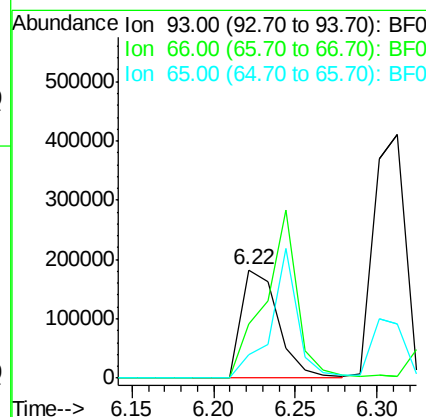
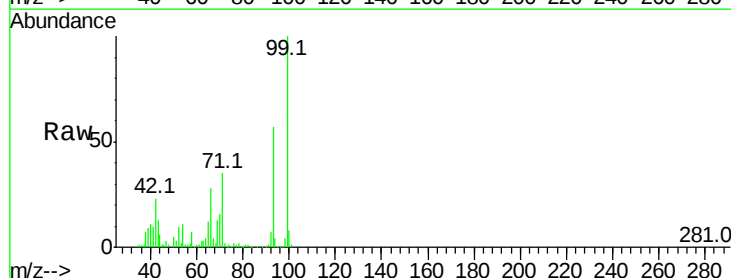
RT: 6.22 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Tgt Ion:	93	Resp:	287144
Ion Ratio	Lower	Upper	
93	100		
66	49.4	76.2	114.2#
65	21.3	49.3	73.9#





#7

Phenol-d6

Concen: 77.25 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Instrument :

BNA_F

ClientSampleId :

PB96013BS

Tot Ion: 99 Resp: 1041364

Ion Ratio Lower Upper

99 100

42 17.5 15.6 23.4

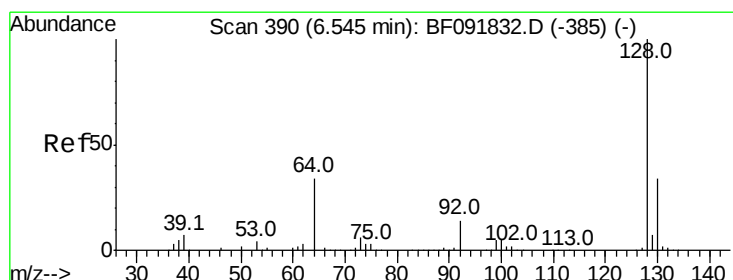
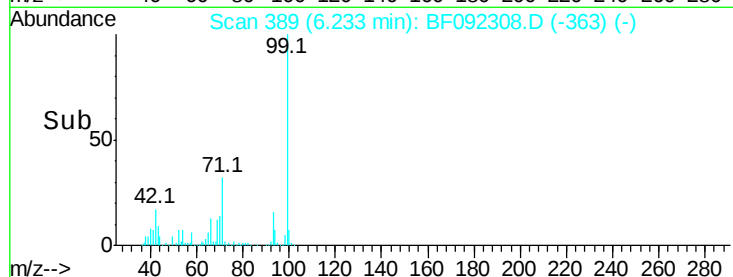
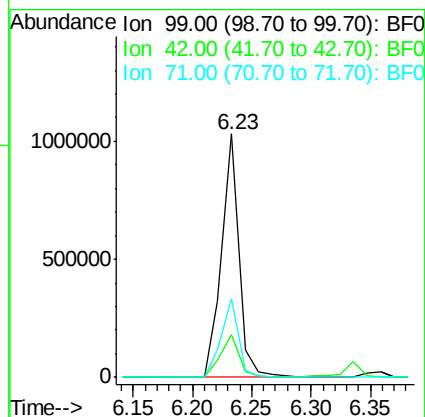
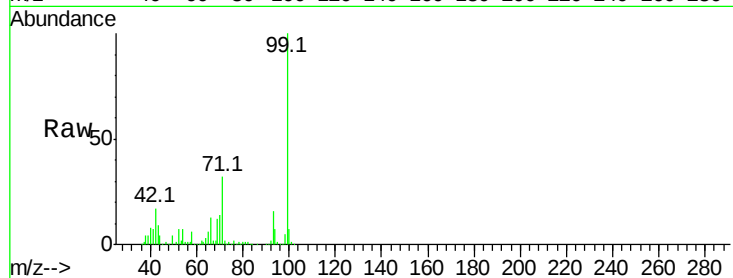
71 32.1 27.5 41.3

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#8

2-Chlorophenol

Concen: 47.28 ng

RT: 6.36 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

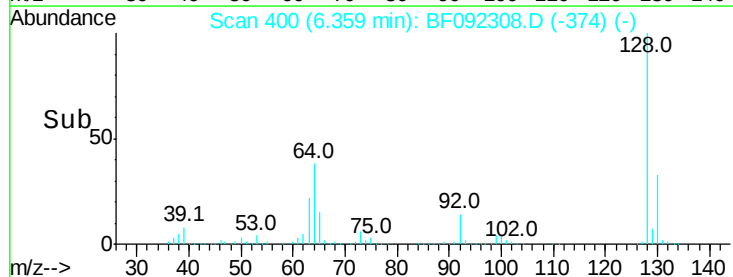
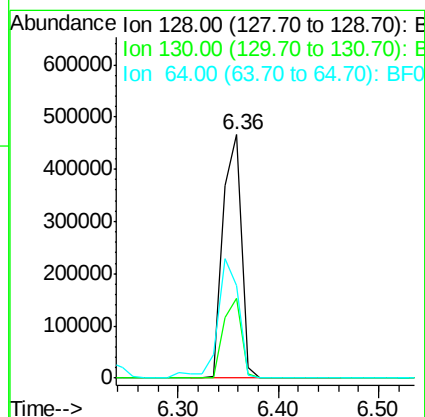
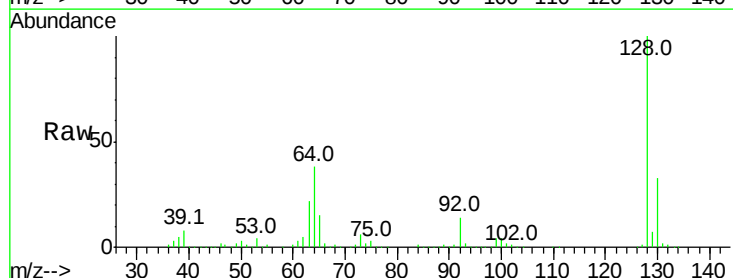
Tgt Ion: 128 Resp: 593819

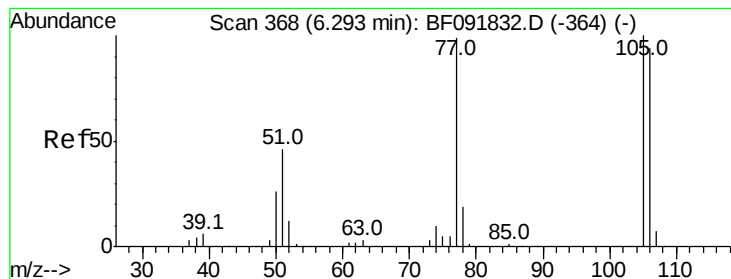
Ion Ratio Lower Upper

128 100

130 33.0 12.3 52.3

64 37.9 32.2 72.2





#9

Benzaldehyde

Concen: 2.80 ng

RT: 6.11 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Instrument :

BNA_F

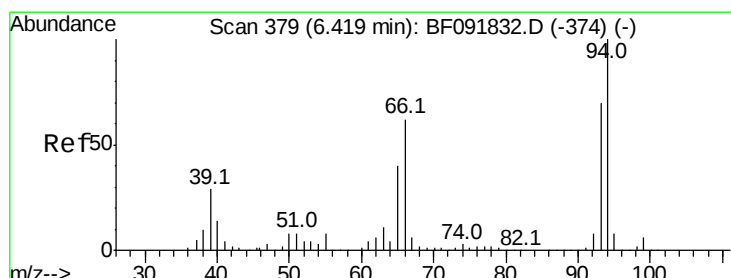
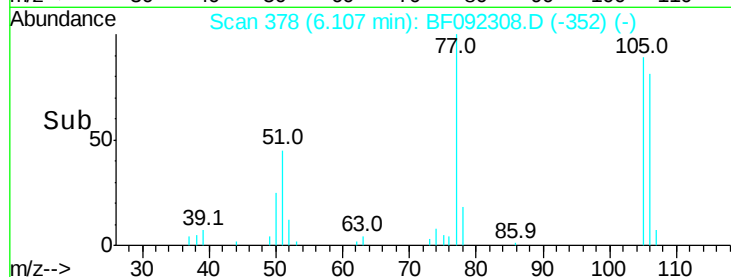
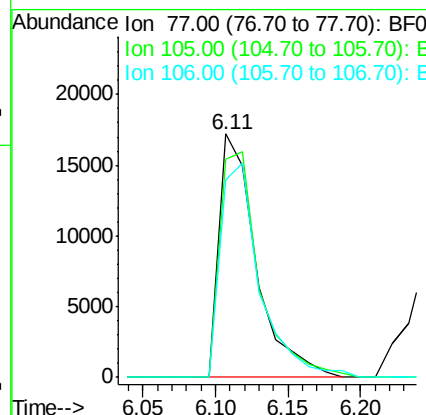
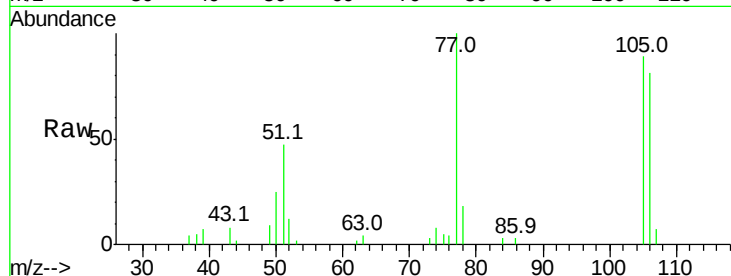
ClientSampleId :

PB96013BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	89.5	83.9	123.9
106	81.2	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 47.27 ng

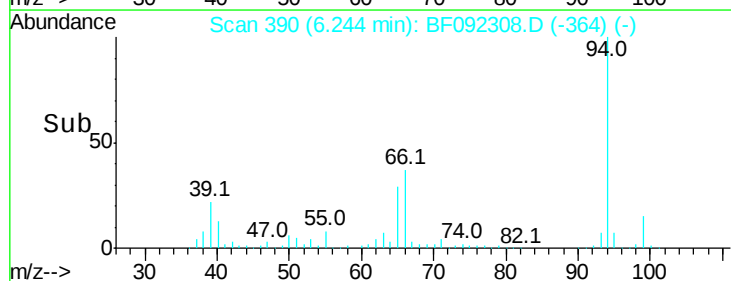
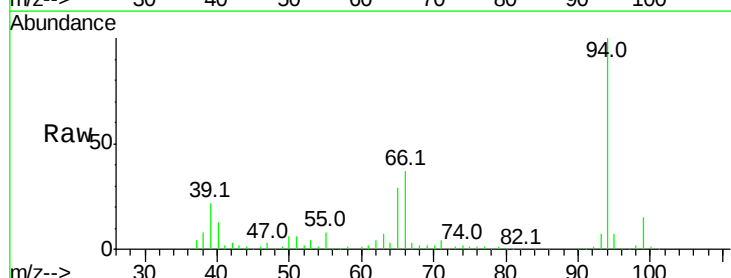
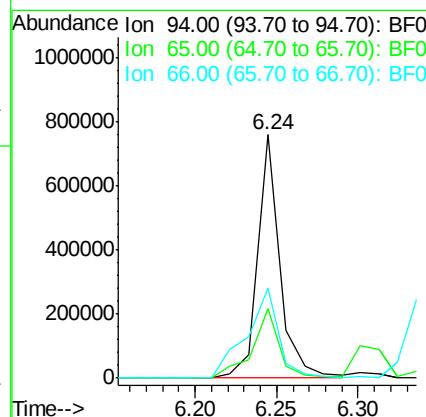
RT: 6.24 min Scan# 390

Delta R.T. -0.00 min

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Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.7	21.4	61.4
66	37.2	44.0	84.0#





#11

bis(2-Chloroethyl)ether

Concen: 46.24 ng

RT: 6.31 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Instrument :

BNA_F

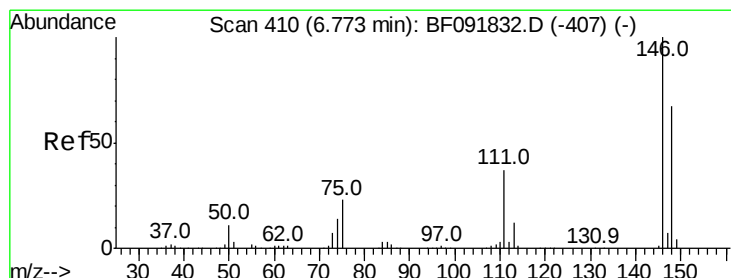
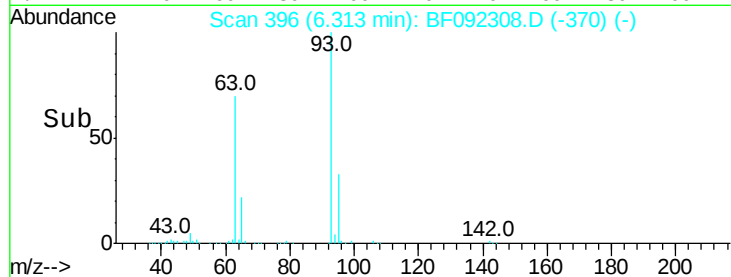
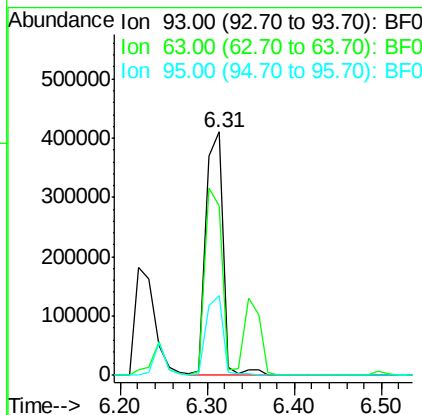
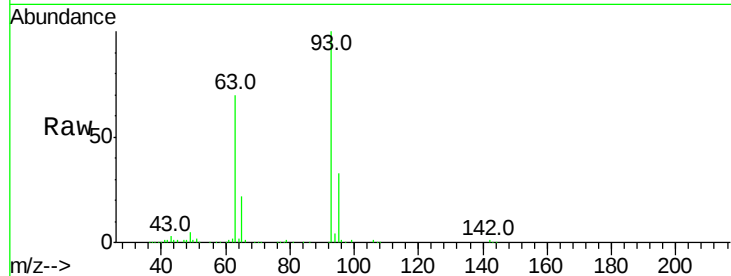
ClientSampleId :

PB96013BS

Tot Ion:	93	Resp:	565215
Ion Ratio	Lower	Upper	
93	100		
63	69.8	60.4	100.4
95	32.7	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 41.95 ng m

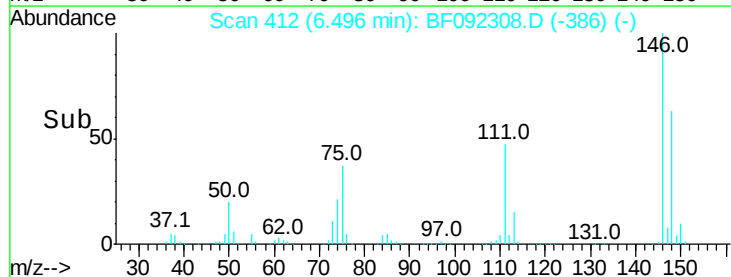
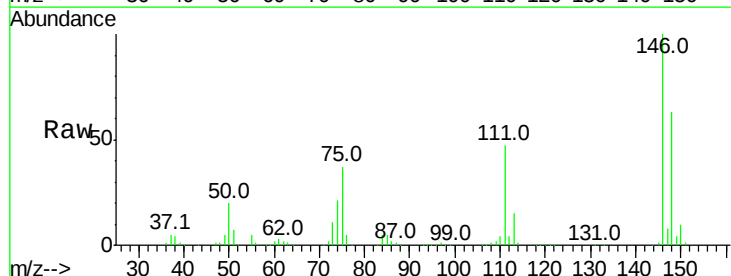
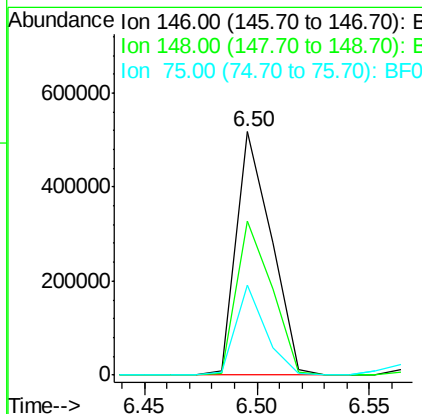
RT: 6.50 min Scan# 412

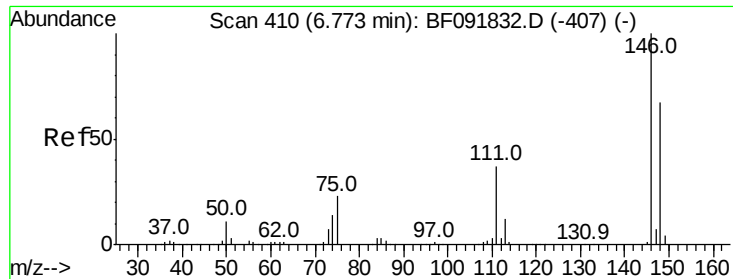
Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Tgt Ion:	146	Resp:	562429
Ion Ratio	Lower	Upper	
146	100		
148	63.1	53.4	80.0
75	36.9	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 40.70 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Instrument :

BNA_F

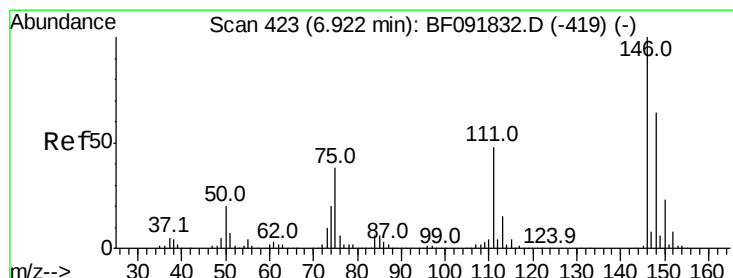
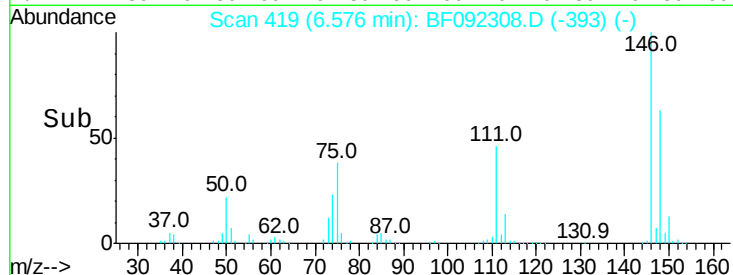
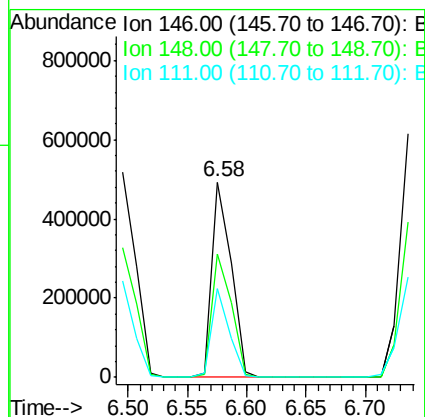
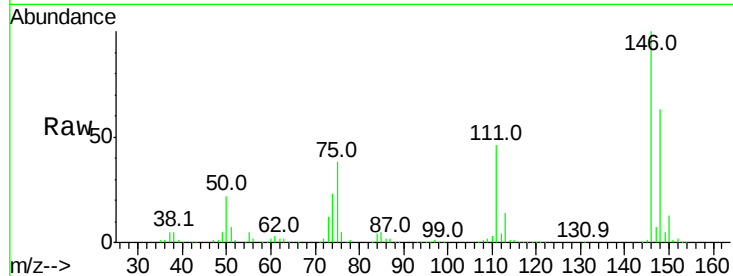
ClientSampleId :

PB96013BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	76.0
111	45.6	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 45.49 ng

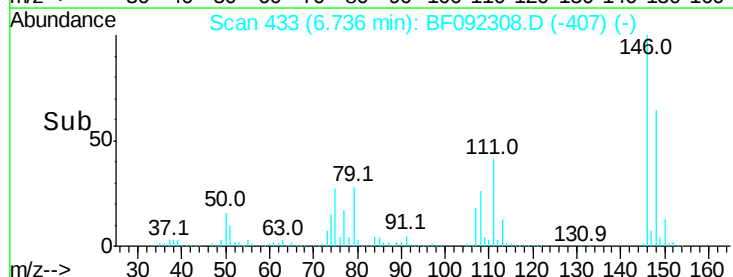
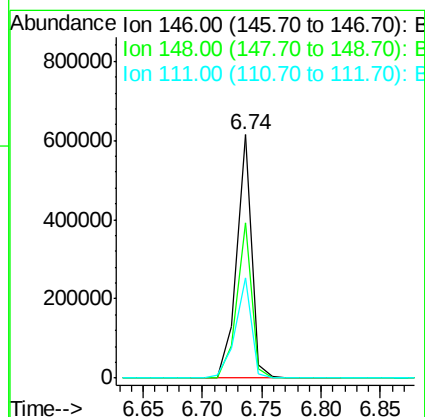
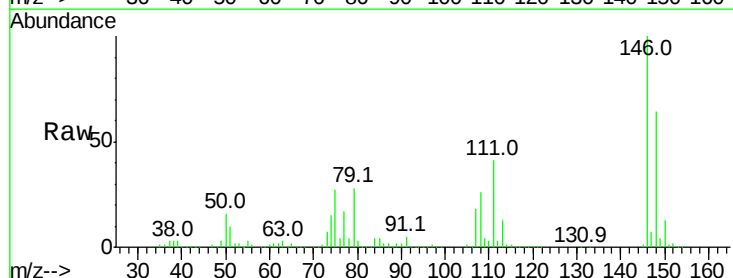
RT: 6.74 min Scan# 433

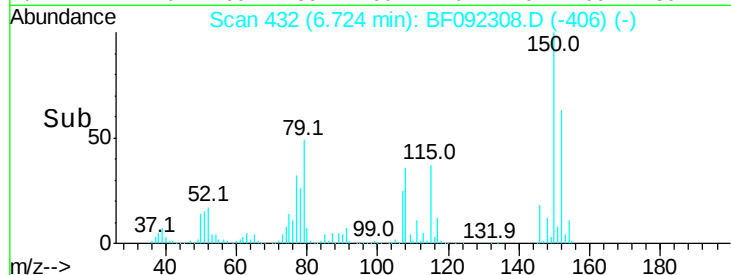
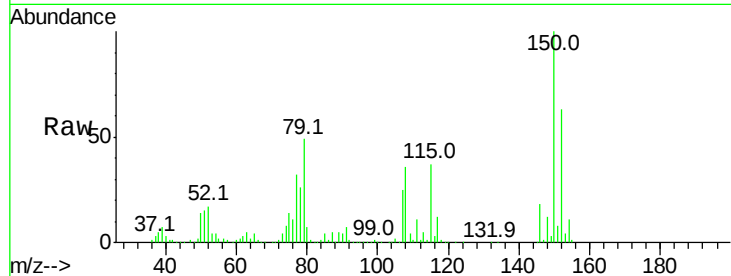
Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.2
111	40.9	36.2	54.2





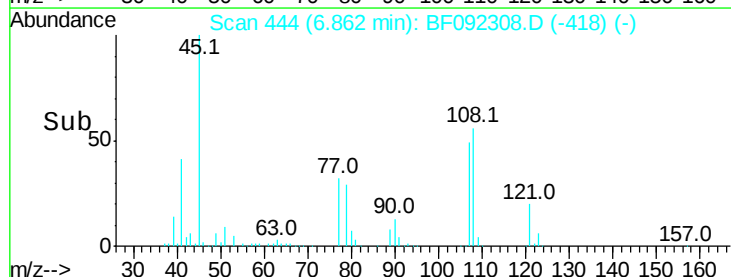
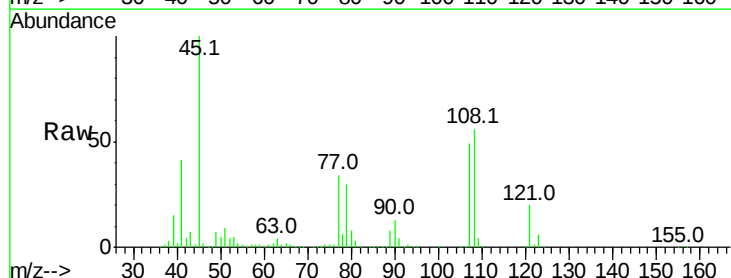
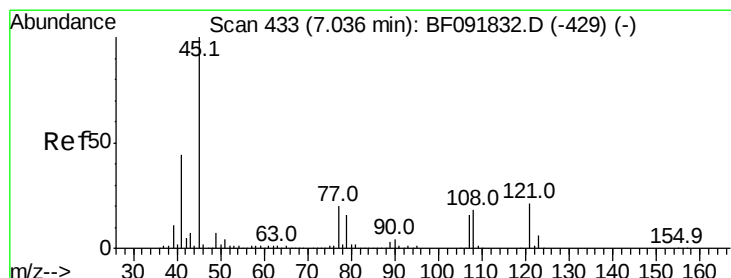
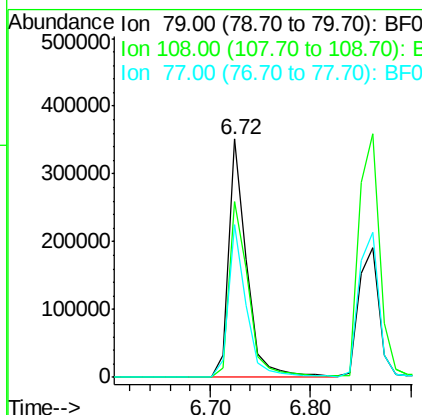
#15
Benzyl Alcohol
Concen: 41.90 ng
RT: 6.72 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	73.6	61.4	92.0	
77	64.1	50.9	76.3	

Instrument :
BNA_F
ClientSampleId :
PB96013BS

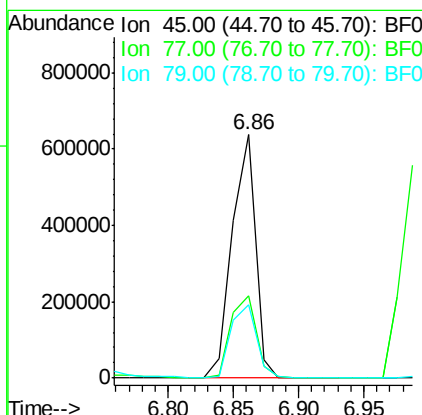
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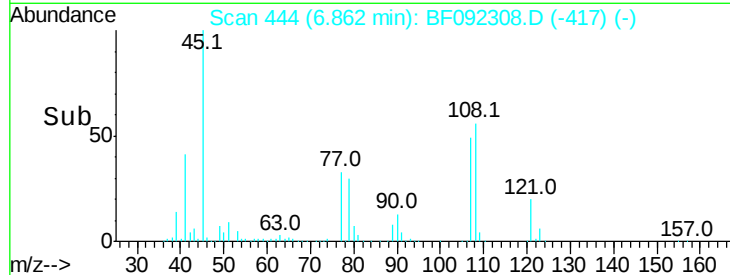
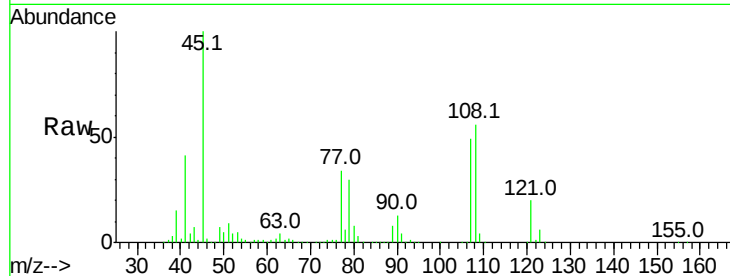
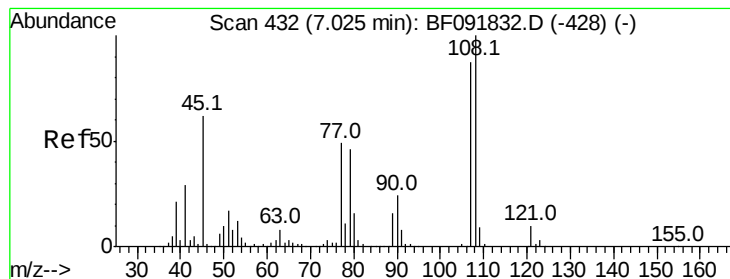
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.49 ng
RT: 6.86 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	33.6	0.0	34.6	
79	30.0	0.0	31.2	





#17

2-Methylphenol

Concen: 44.04 ng

RT: 6.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Tot Ion	107	Resp	444865
Ion Ratio	Lower	Upper	
107	100		
108	114.6	93.0	139.6
77	68.5	39.8	59.8#
79	61.1	38.0	57.0#

Instrument :

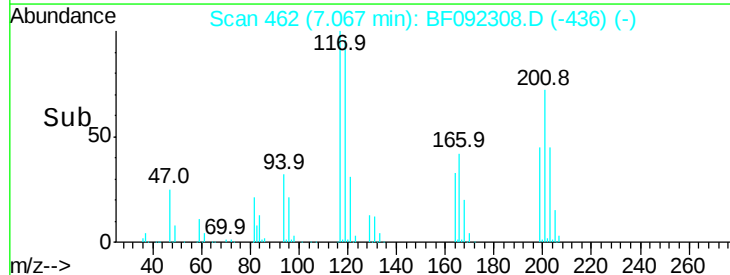
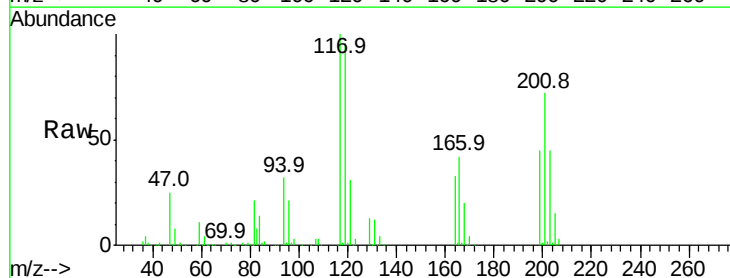
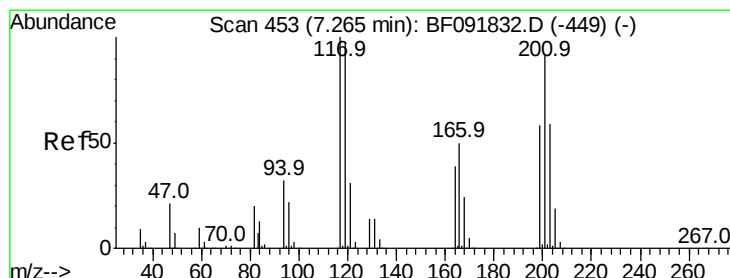
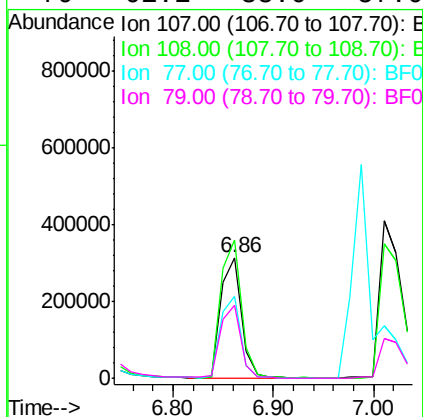
BNA_F

ClientSampleId :

PB96013BS

Manual Integrations
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#18

Hexachloroethane

Concen: 42.62 ng

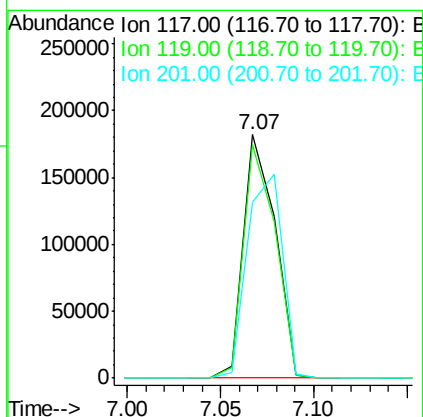
RT: 7.07 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Tgt Ion	117	Resp	215613
Ion Ratio	Lower	Upper	
117	100		
119	96.0	78.1	117.1
201	72.3	78.6	117.8#





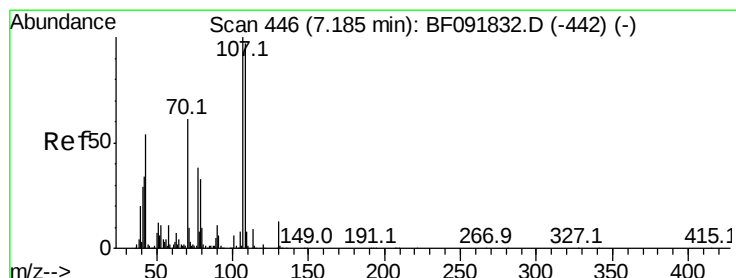
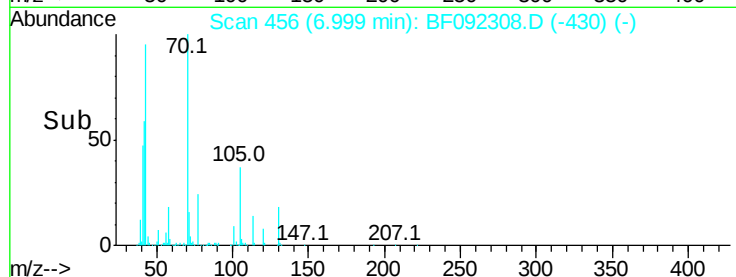
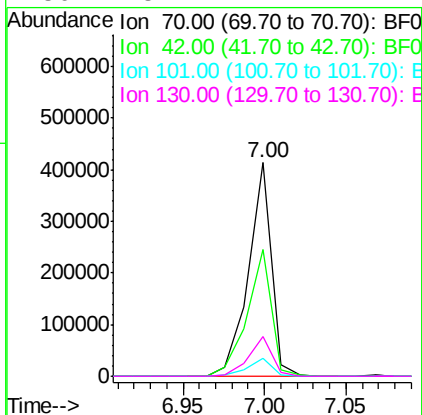
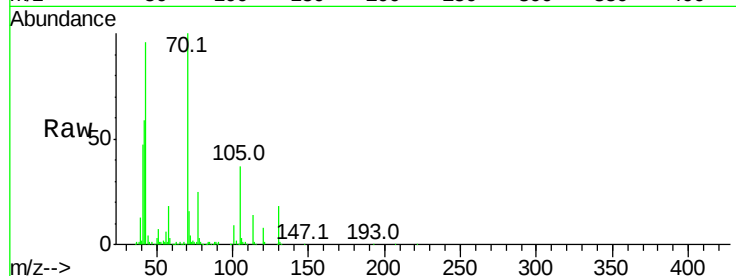
#19
n-Nitroso-di-n-propylamine
Concen: 45.32 ng
RT: 7.00 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Instrument :
BNA_F
ClientSampleId :
PB96013BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.2	49.4	74.0	
101	8.5	7.4	11.2	
130	18.4	14.2	21.4	

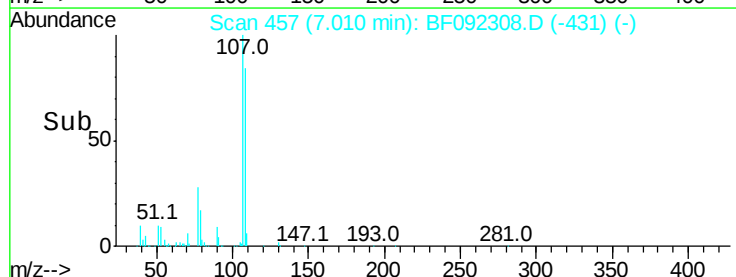
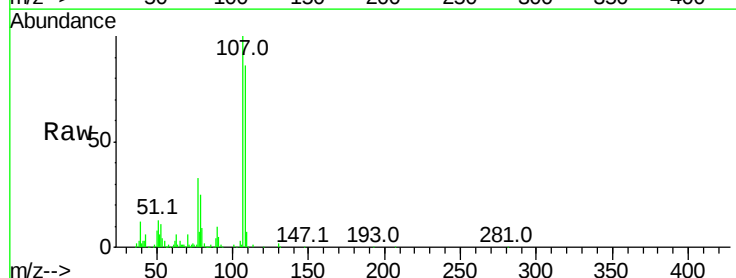
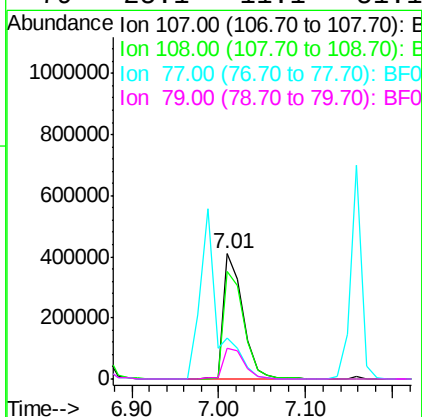
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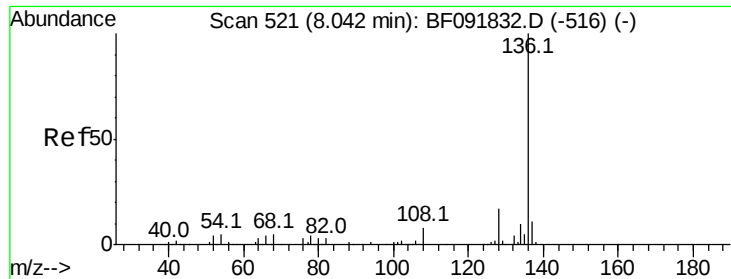
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#20
3+4-Methylphenols
Concen: 52.30 ng
RT: 7.01 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.9	73.0	113.0	
77	33.2	71.3	111.3#	
79	25.1	11.1	51.1	





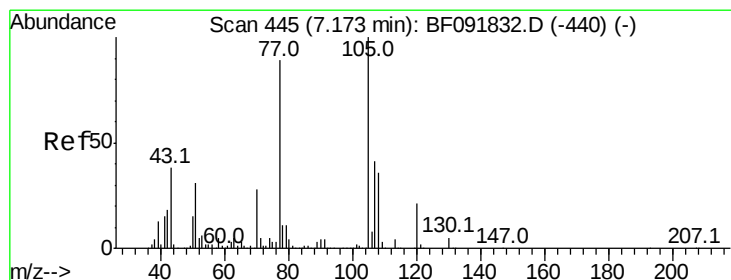
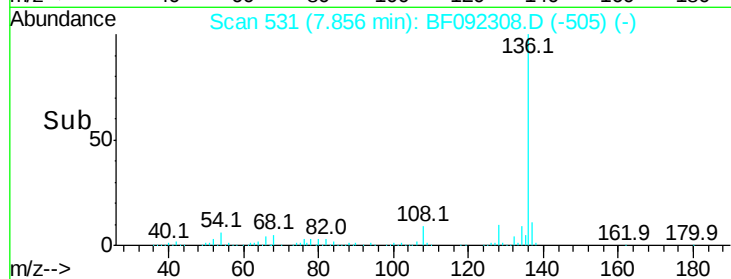
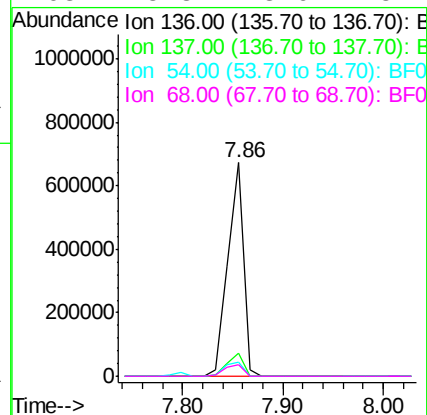
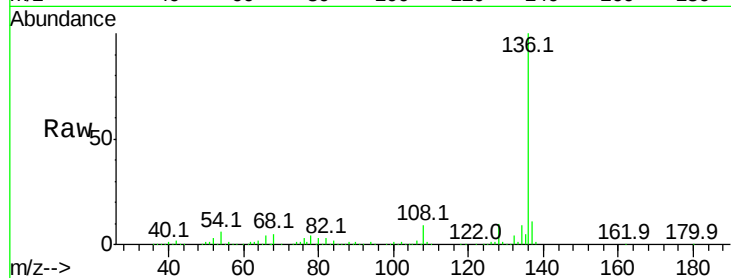
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Instrument :
BNA_F
ClientSampled :
PB96013BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.4	12.6	
54	6.5	4.5	6.7	
68	5.3	3.6	5.4	

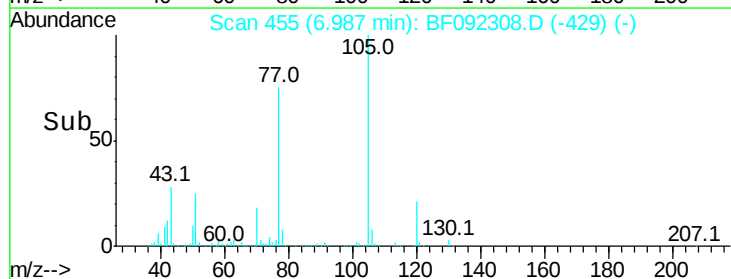
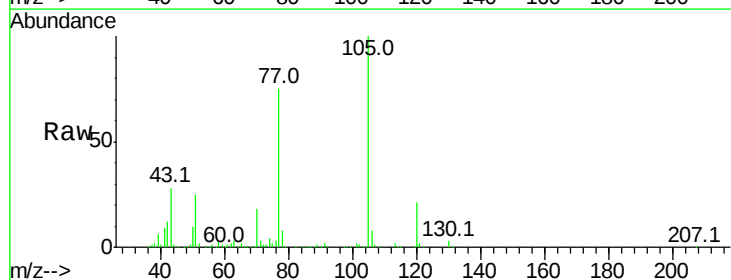
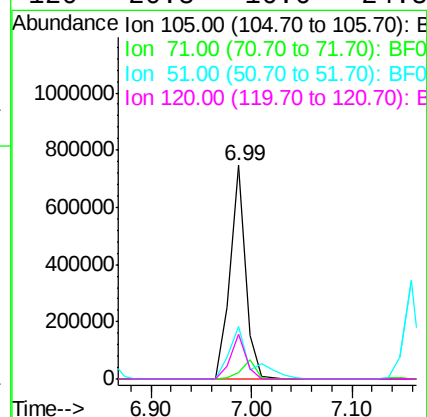
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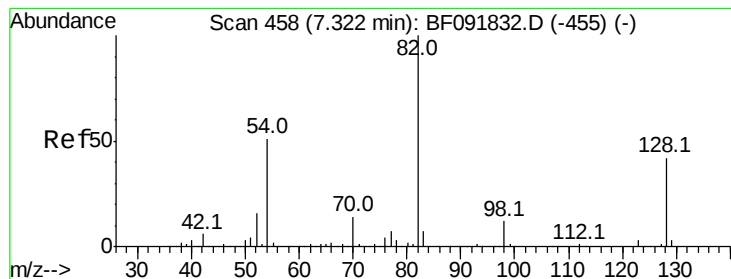
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#22
Acetophenone
Concen: 44.78 ng
RT: 6.99 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.2	3.2	4.8#	
51	24.8	26.2	39.4#	
120	20.8	16.6	24.8	





#23

Nitrobenzene-d5

Concen: 87.57 ng

RT: 7.14 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Instrument :

BNA_F

ClientSampled :

PB96013BS

Tot Ion: 82 Resp: 1144340

Ion Ratio Lower Upper

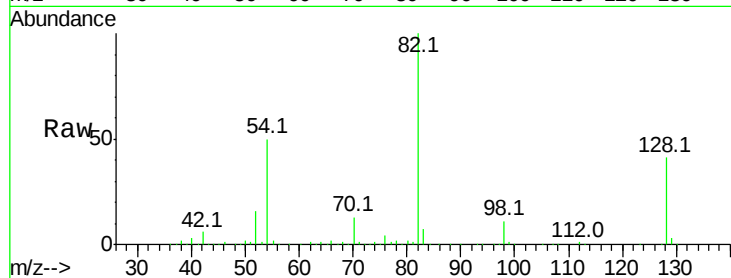
82 100

128 41.2 34.6 52.0

54 50.3 39.5 59.3

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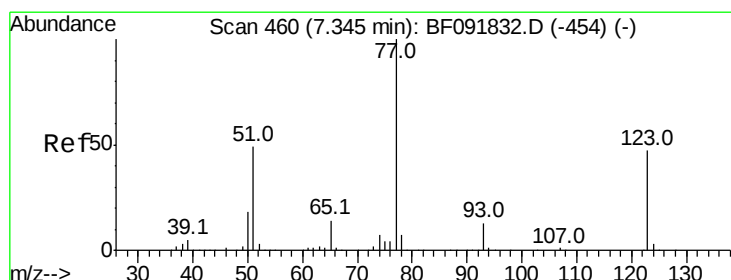
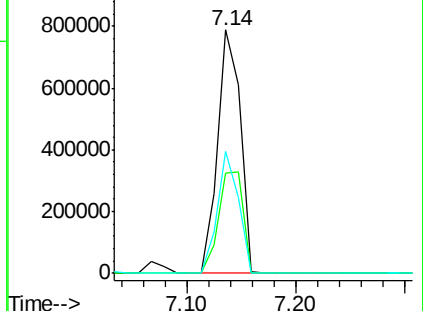
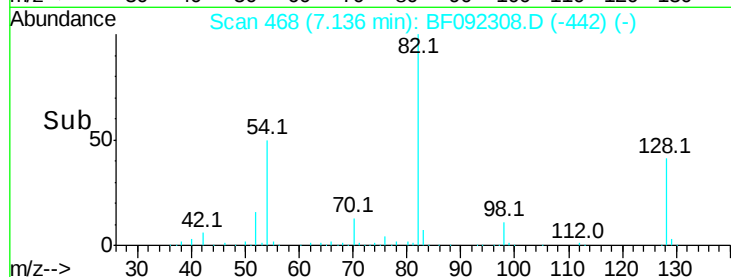
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 44.21 ng

RT: 7.16 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

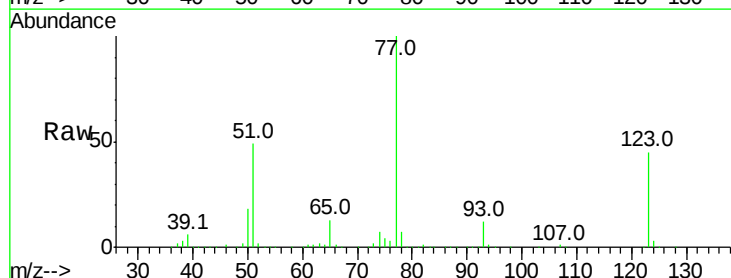
Tgt Ion: 77 Resp: 615359

Ion Ratio Lower Upper

77 100

123 45.2 33.0 49.4

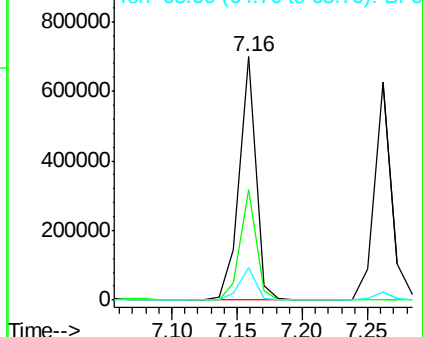
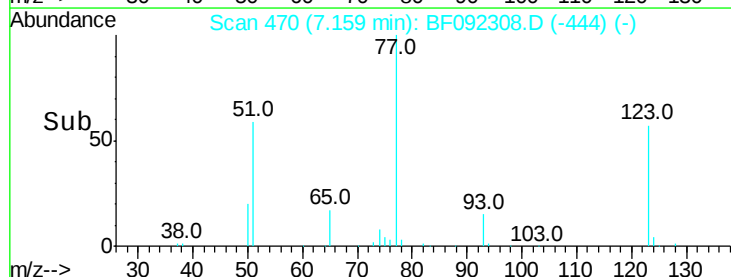
65 13.5 11.2 16.8

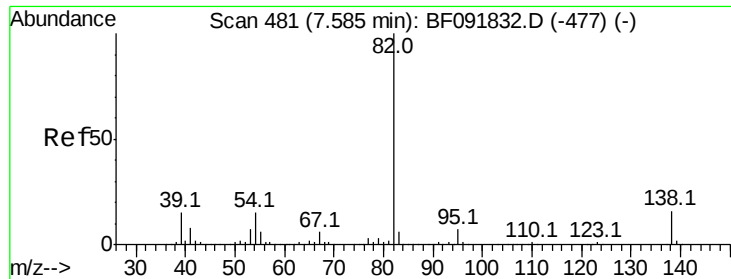


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.16 ng

RT: 7.40 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Instrument :

BNA_F

ClientSampleId :

PB96013BS

Tot Ion: 82 Resp: 1088917

Ion Ratio Lower Upper

82 100

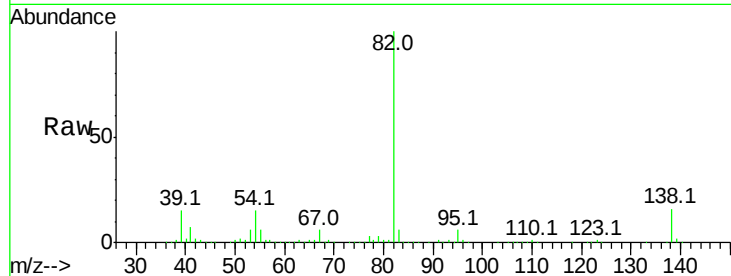
95 6.1 5.6 8.4

138 16.2 14.6 22.0

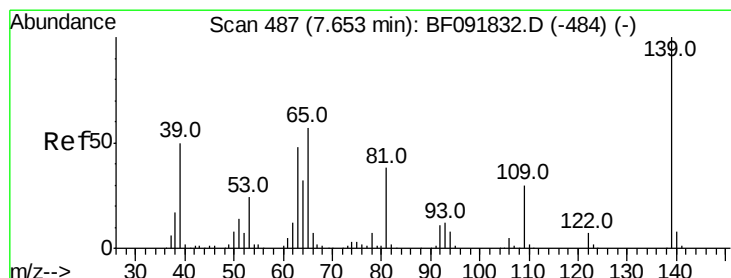
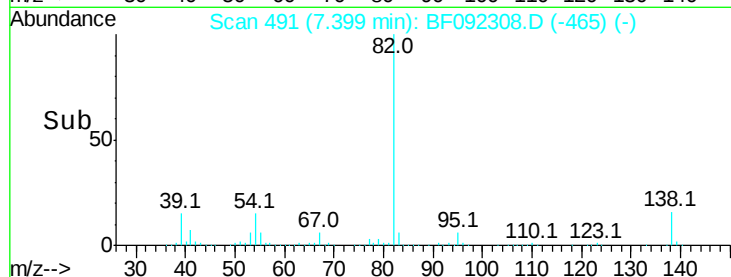
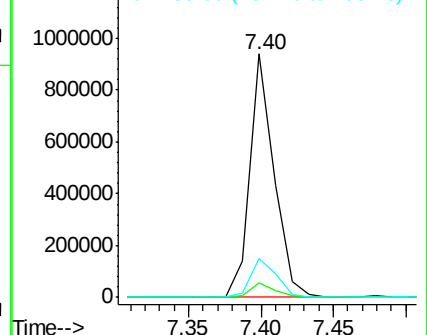
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.75 ng

RT: 7.48 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

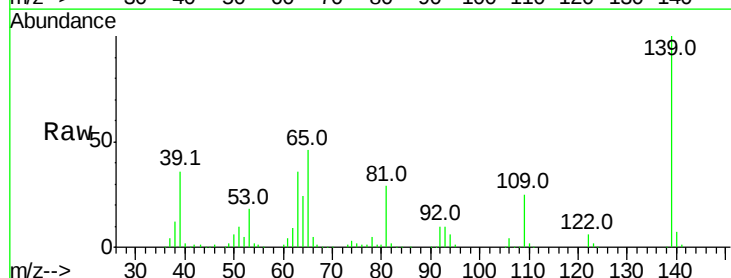
Tgt Ion: 139 Resp: 300267

Ion Ratio Lower Upper

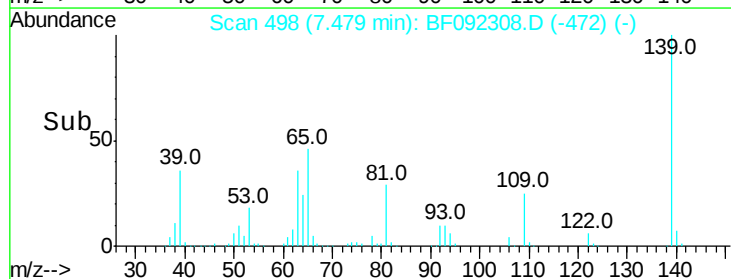
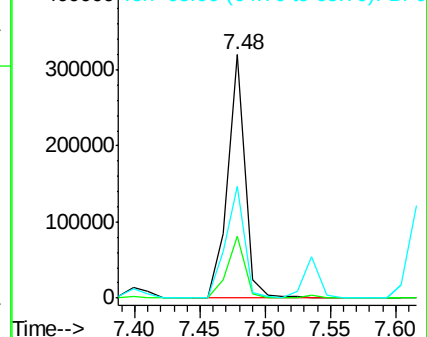
139 100

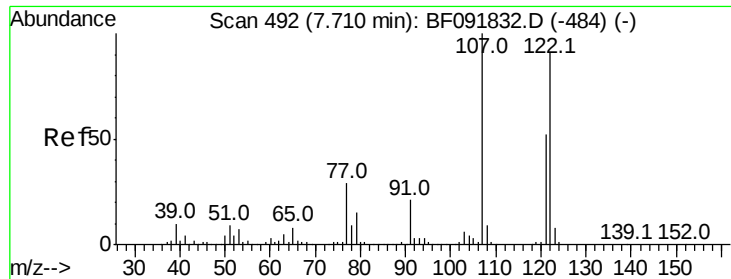
109 25.2 23.3 34.9

65 45.9 42.7 64.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





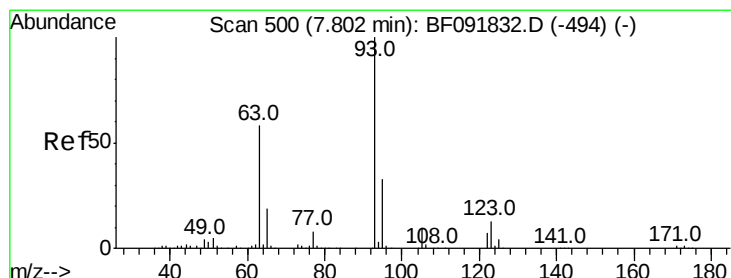
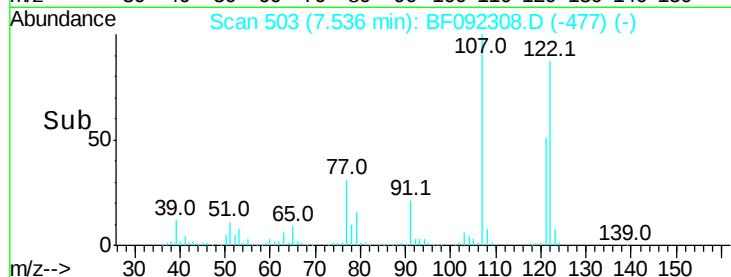
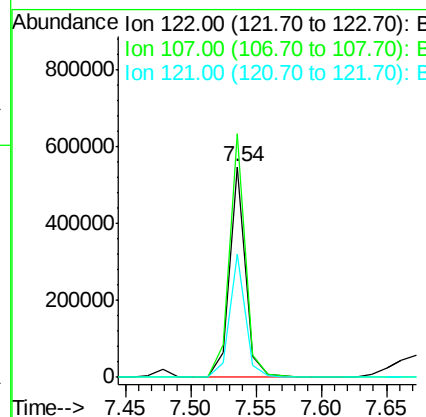
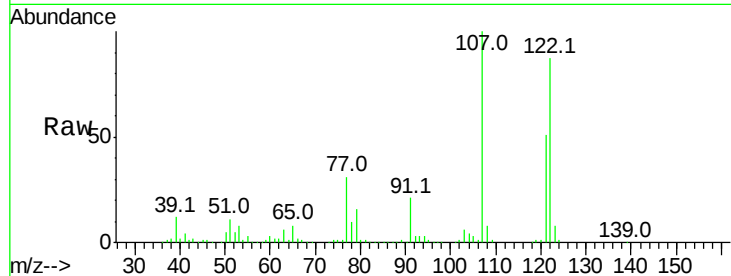
#27
2,4-Dimethylphenol
Concen: 41.40 ng
RT: 7.54 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Instrument :
BNA_F
ClientSampleId :
PB96013BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.5	94.1	141.1
121	58.4	46.0	69.0

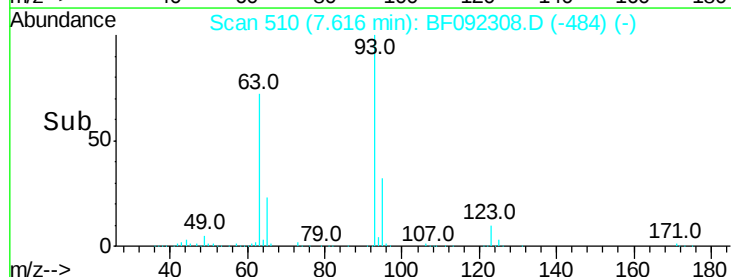
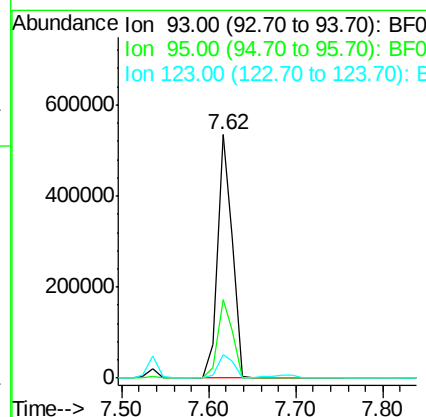
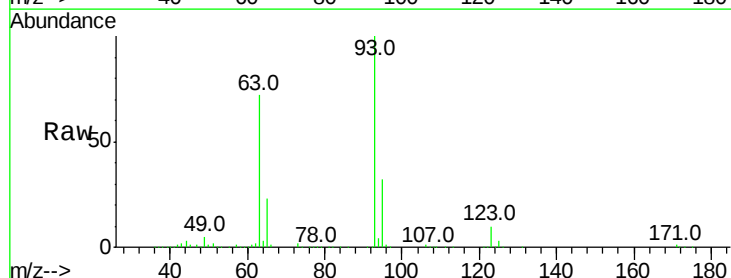
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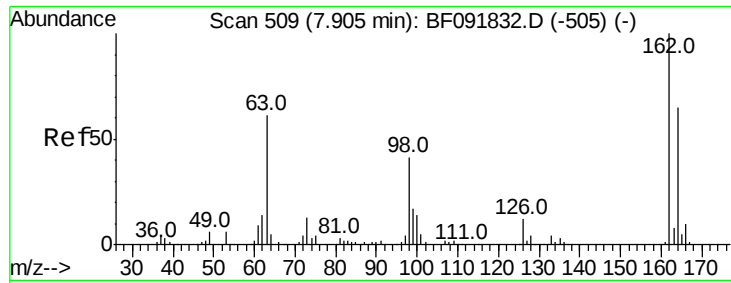
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.69 ng
RT: 7.62 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	9.5	8.6	13.0





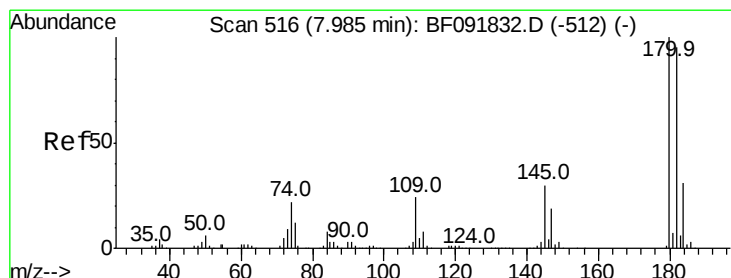
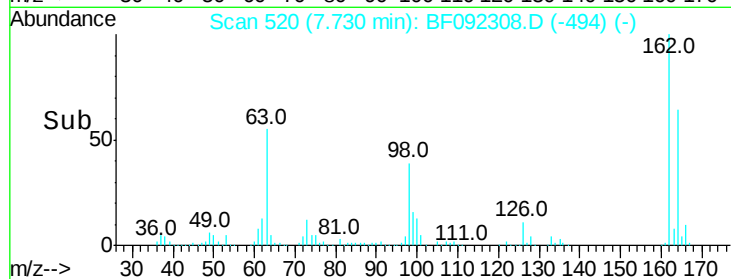
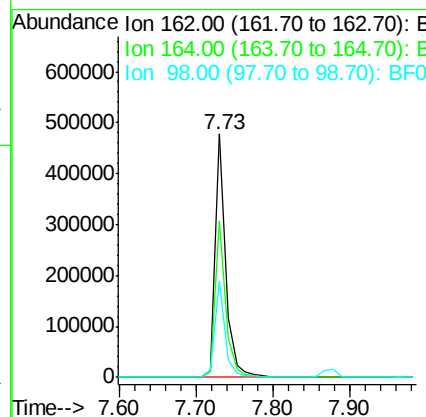
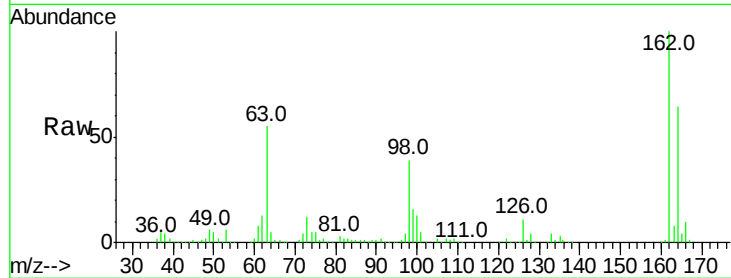
#29
2,4-Dichlorophenol
Concen: 46.80 ng
RT: 7.73 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Instrument :
BNA_F
ClientSampleId :
PB96013BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.1	46.8	86.8
98	39.4	9.1	49.1

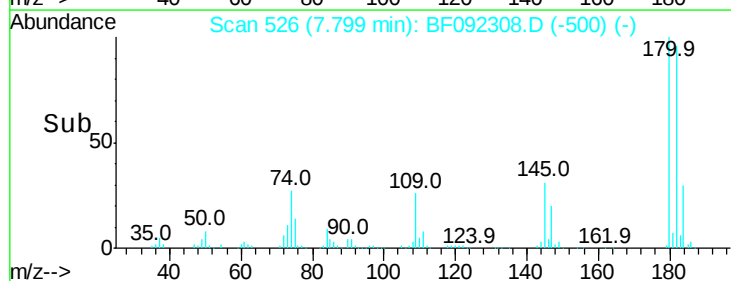
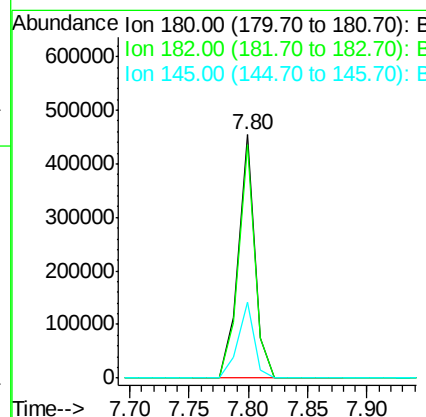
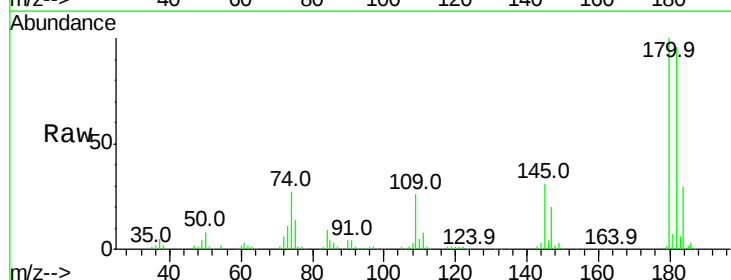
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#30
1,2,4-Trichlorobenzene
Concen: 42.02 ng
RT: 7.80 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.6	78.2	117.4
145	31.2	21.6	32.4





#31

Naphthalene

Concen: 45.56 ng

RT: 7.88 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Instrument :

BNA_F

ClientSampleId :

PB96013BS

Tot Ion:128 Resp: 1515146

Ion Ratio Lower Upper

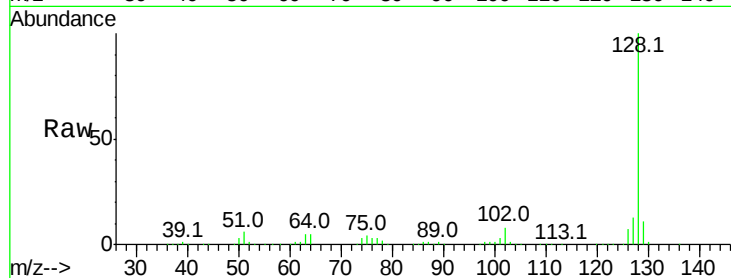
128 100

129 11.2 9.5 14.3

127 13.3 10.8 16.2

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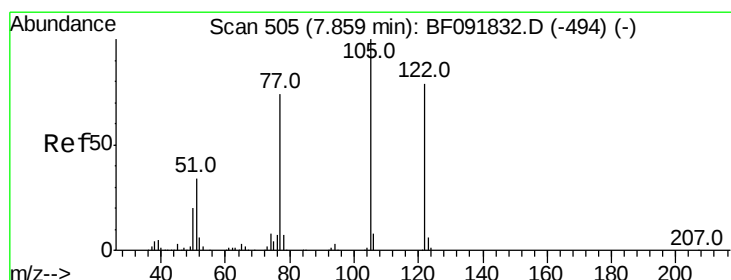
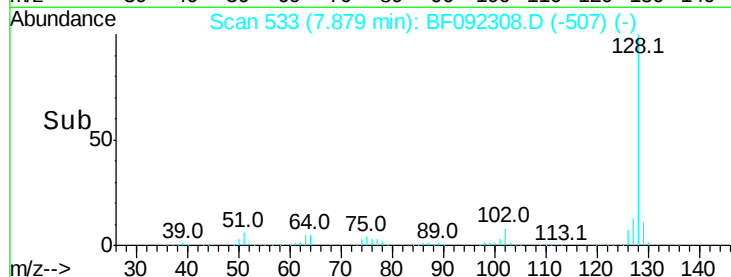
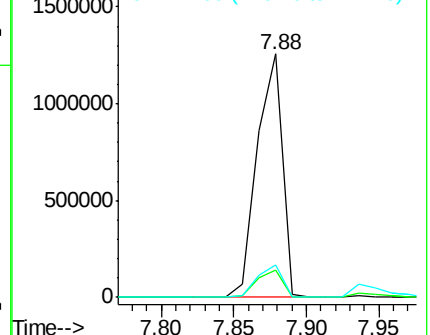
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.02 ng

RT: 7.70 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

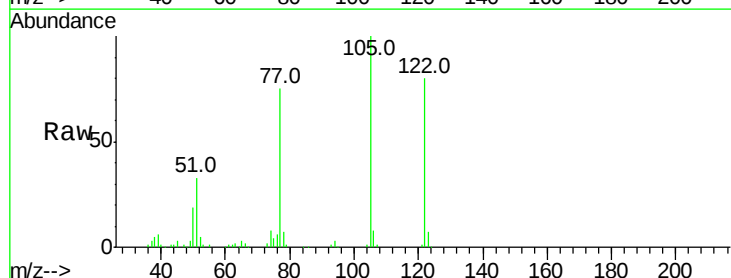
Tgt Ion:122 Resp: 253445

Ion Ratio Lower Upper

122 100

105 124.5 107.2 147.2

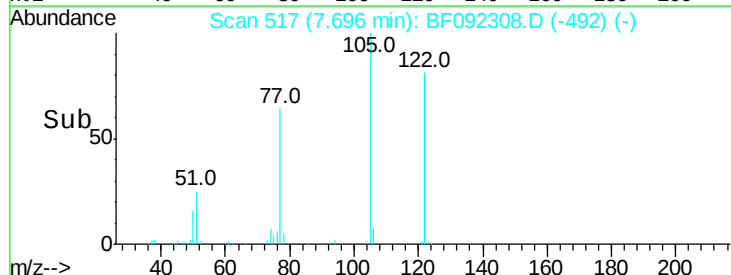
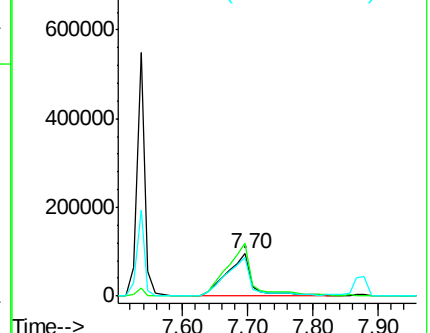
77 92.9 74.5 114.5

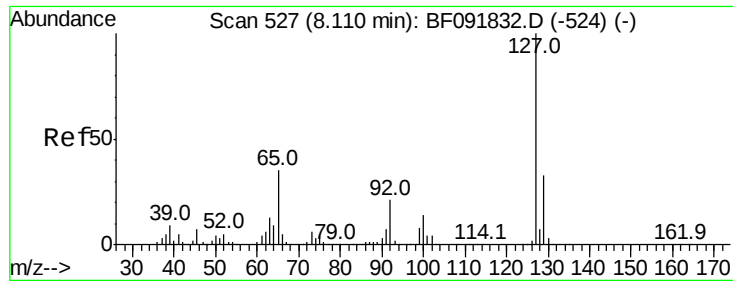


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





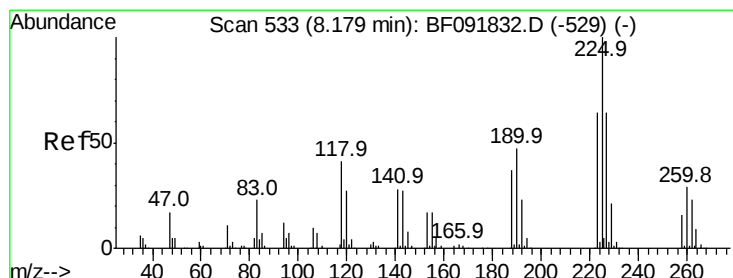
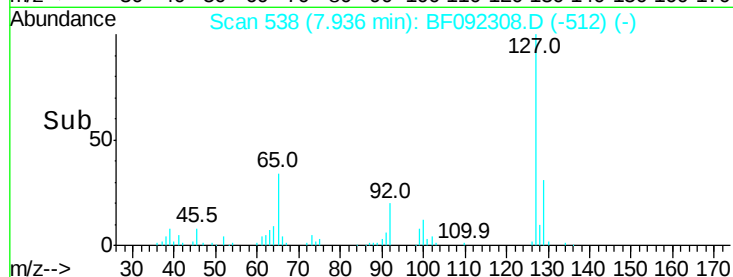
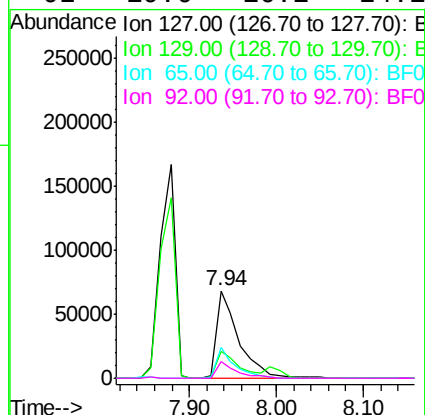
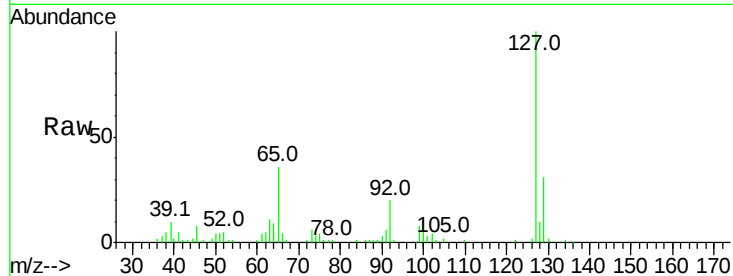
#33
4-Chloroaniline
Concen: 8.05 ng
RT: 7.94 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Instrument :
BNA_F
ClientSampleId :
PB96013BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.6	26.3	39.5		
65	35.6	25.8	38.8		
92	19.6	16.1	24.1		

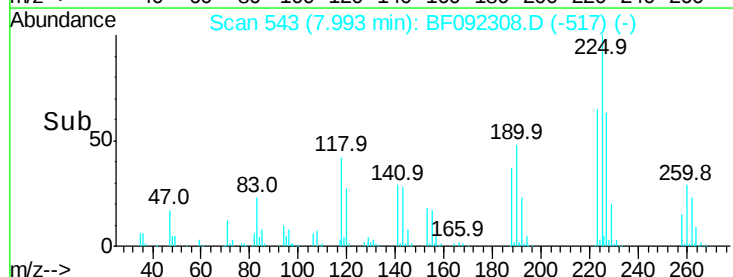
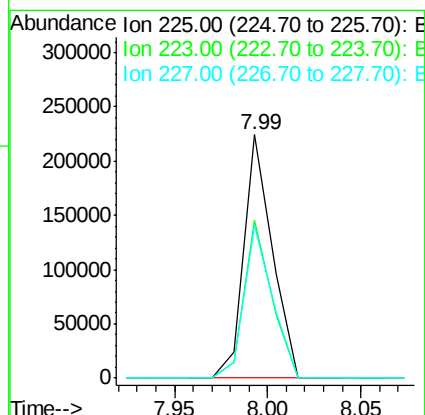
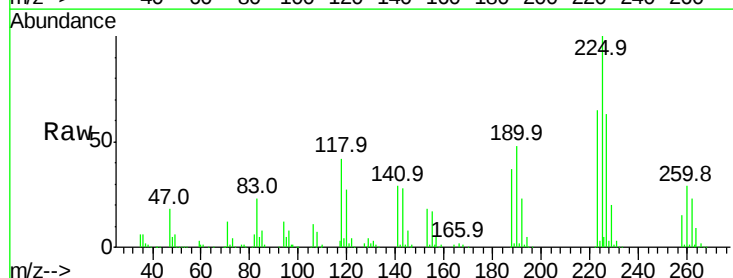
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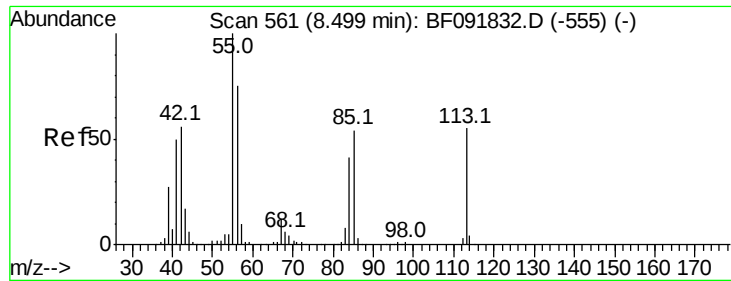
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#34
Hexachlorobutadiene
Concen: 42.43 ng
RT: 7.99 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.9	51.0	76.6		
227	62.9	50.6	76.0		





#35

Caprolactam

Concen: 42.79 ng/mL

RT: 8.31 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Instrument :

BNA_F

ClientSampleID :

PB96013BS

Tot Ion:113 Resp: 135550

Ion Ratio Lower Upper

113 100

55 190.1 119.2 159.2#

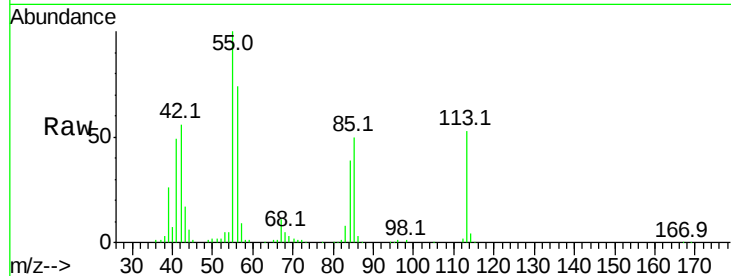
56 139.7 83.8 123.8#

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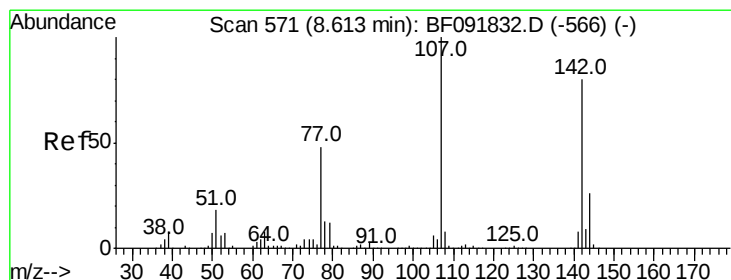
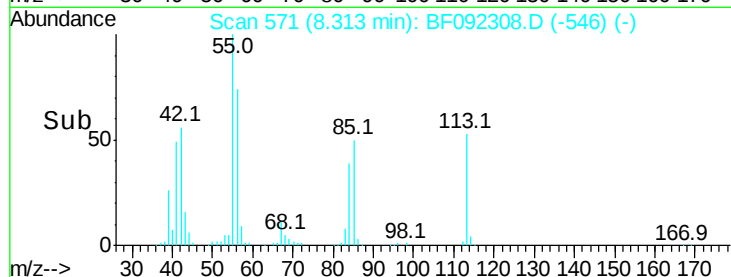
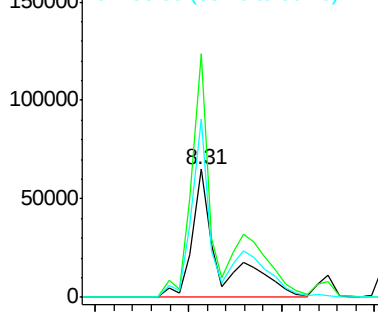
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.77 ng/mL

RT: 8.45 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

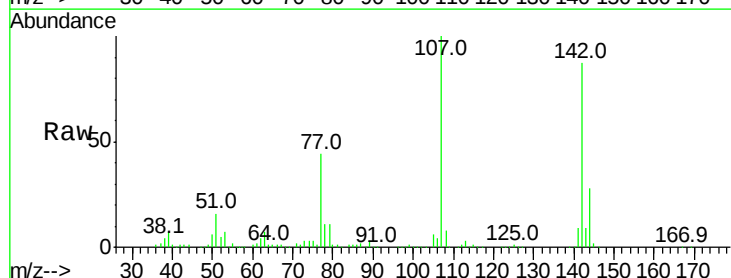
Tgt Ion:107 Resp: 474425

Ion Ratio Lower Upper

107 100

144 28.4 19.3 28.9

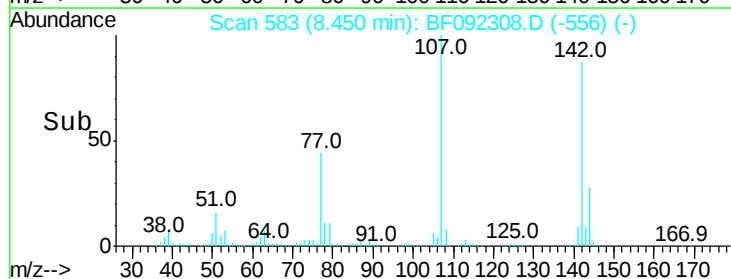
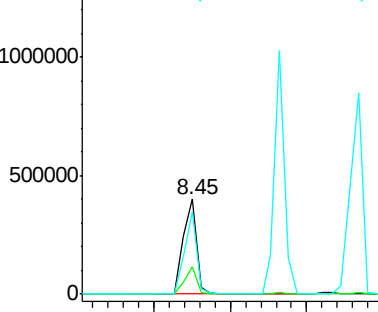
142 86.6 59.0 88.6

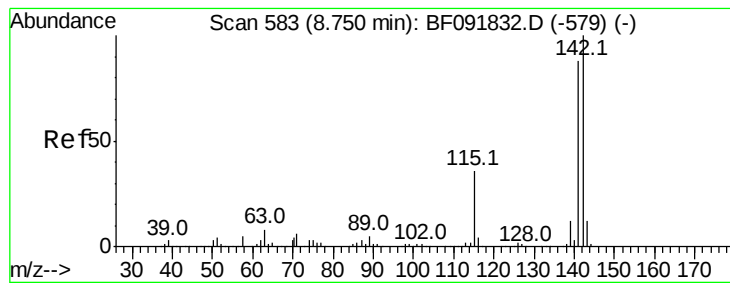


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





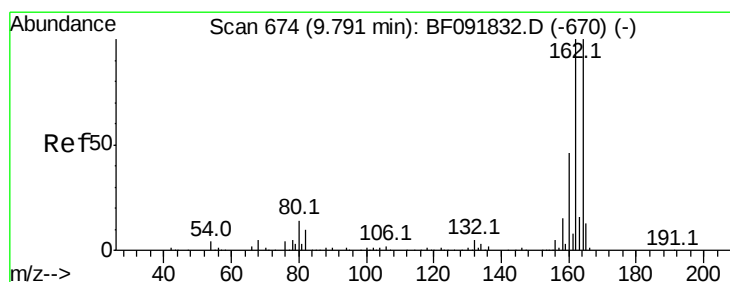
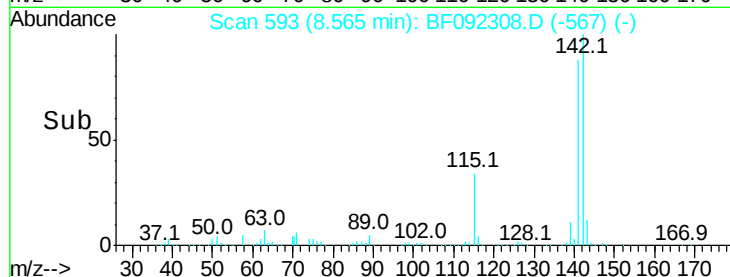
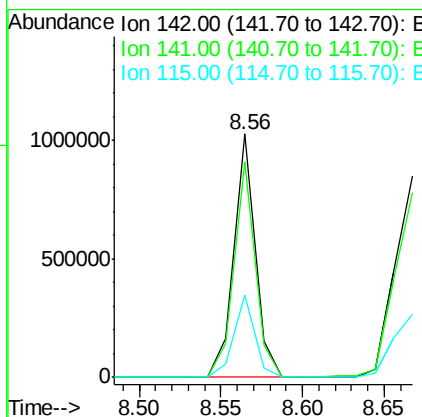
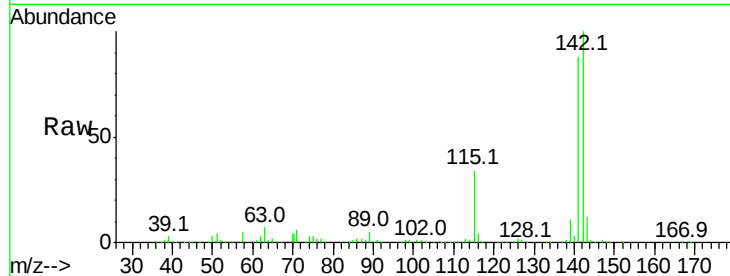
#37
2-Methylnaphthalene
Concen: 46.54 ng
RT: 8.56 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Instrument :
BNA_F
ClientSampleId :
PB96013BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.0	106.6
115	33.6	28.3	42.5

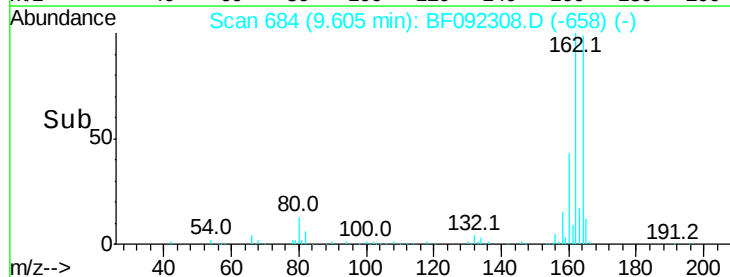
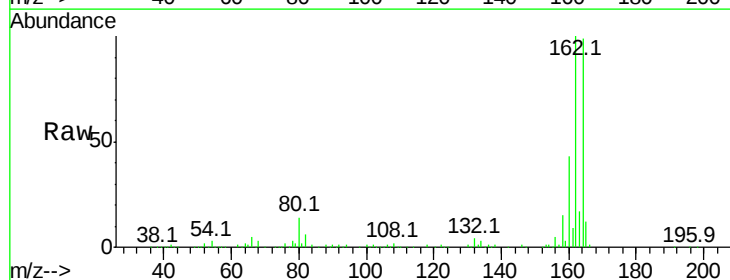
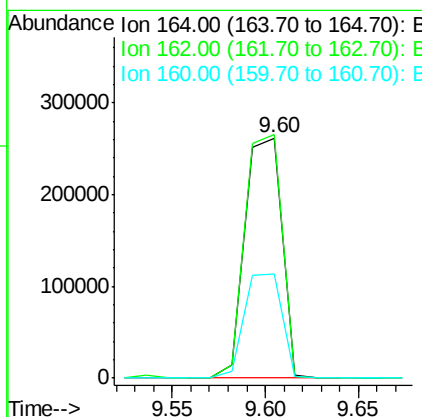
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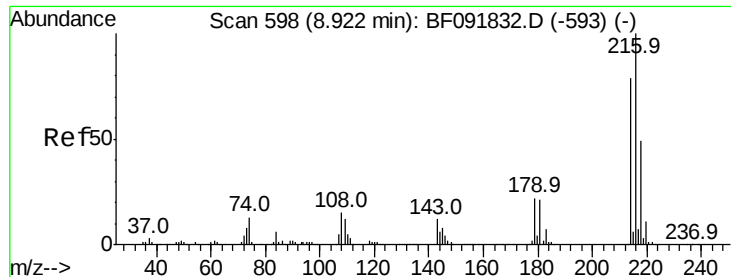
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.2	120.2
160	43.3	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.32 ng

RT: 8.74 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Instrument :

BNA_F

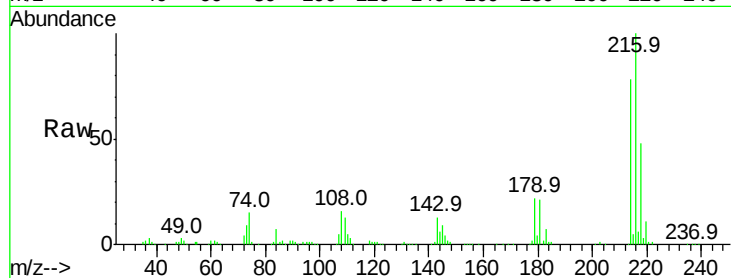
ClientSampleId :

PB96013BS

Tot Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.0	63.4	95.0
179	22.5	17.4	26.2
108	20.3	15.6	23.4

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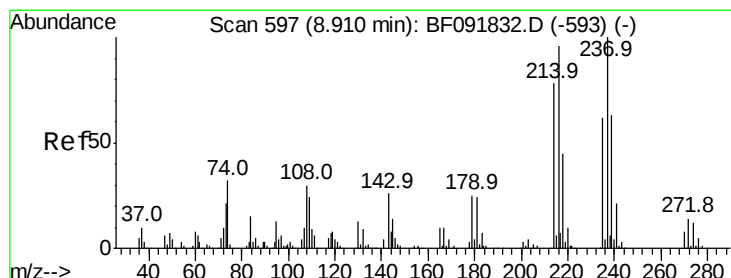
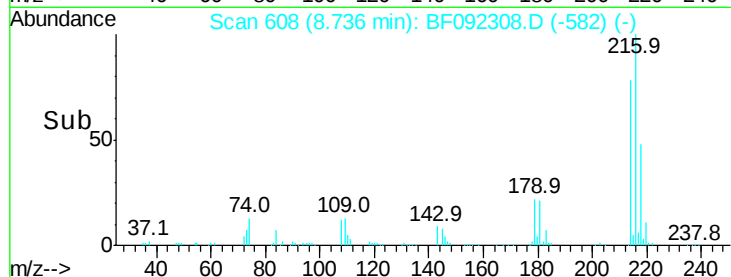
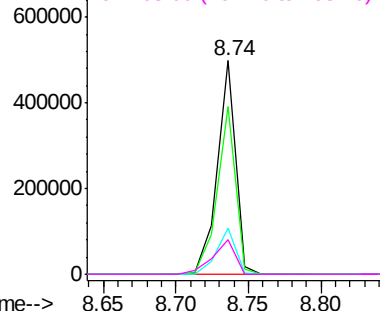


Abundance Ion 216.00 (215.70 to 216.70): E

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: 50.72 ng

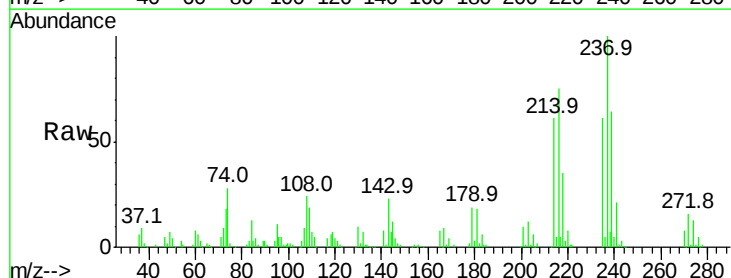
RT: 8.72 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

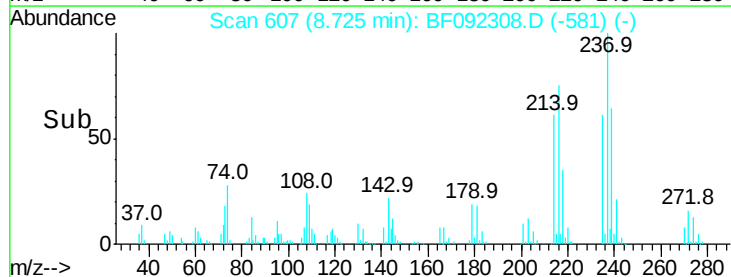
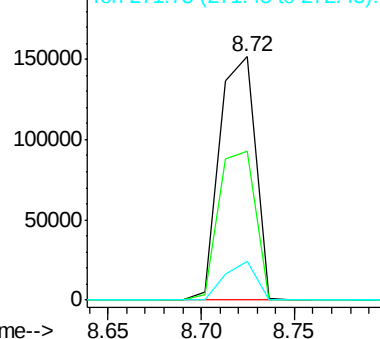
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	60.9	41.2	81.2
272	15.8	0.0	35.4



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





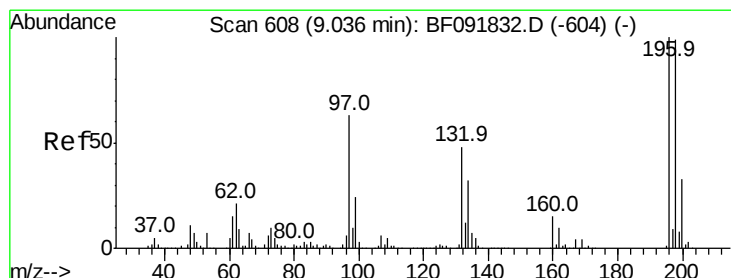
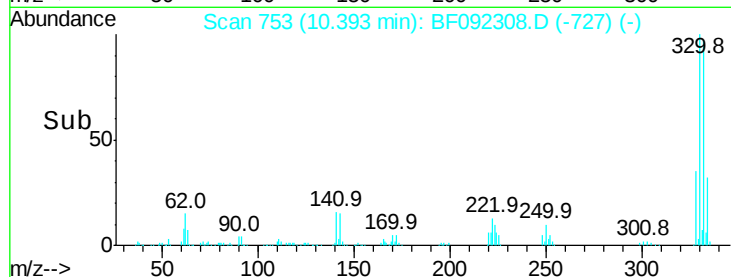
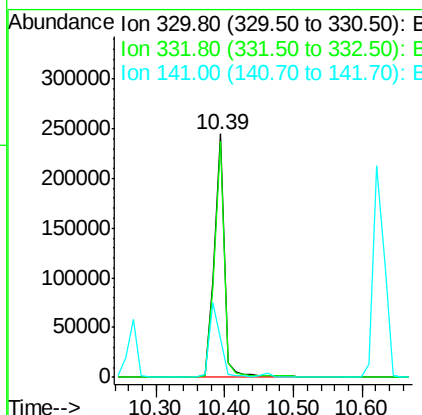
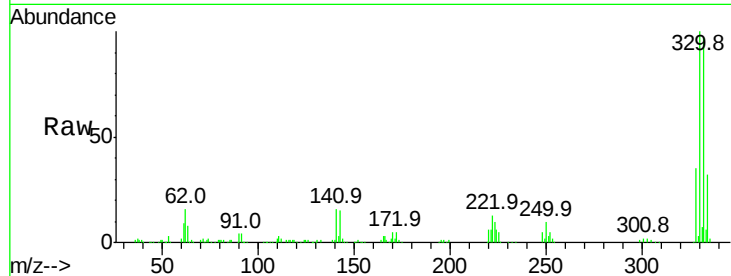
#41
 2,4,6-Tribromophenol
 Concen: 86.51 ng
 RT: 10.39 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092308.D
 Acq: 17 Jan 2017 4:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	260590		
332	96.8	77.4	116.2	
141	32.3	34.1	51.1#	

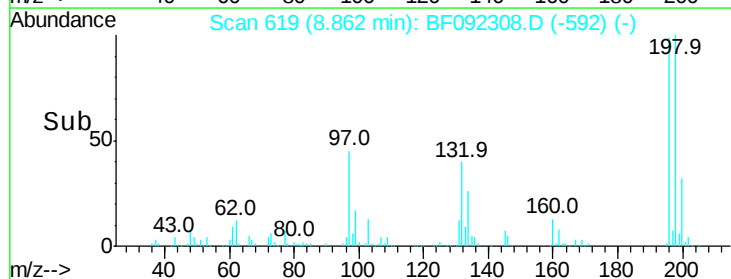
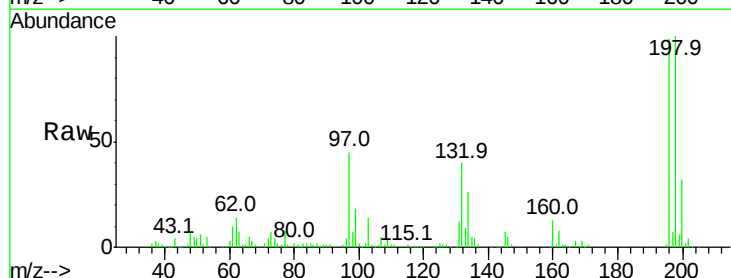
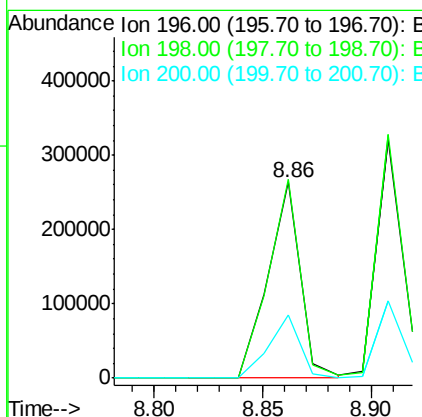
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#42
 2,4,6-Trichlorophenol
 Concen: 42.56 ng
 RT: 8.86 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF092308.D
 Acq: 17 Jan 2017 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	273712		
198	101.5	82.1	123.1	
200	32.4	27.0	40.4	





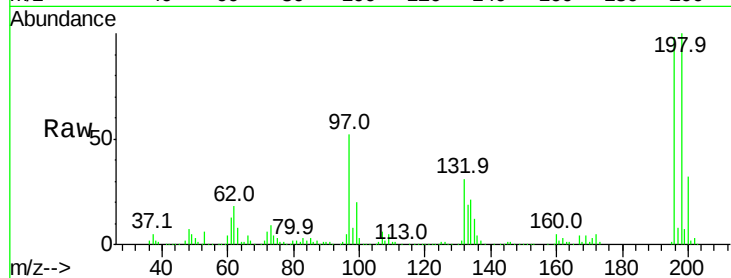
#43
 2,4,5-Trichlorophenol
 Concen: 43.35 ng
 RT: 8.91 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF092308.D
 Acq: 17 Jan 2017 4:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	286946		
198	102.3		79.4	119.2
97	52.7		51.5	77.3
132	31.3		27.4	41.2

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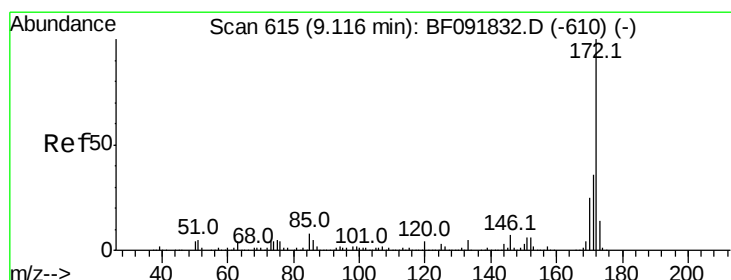
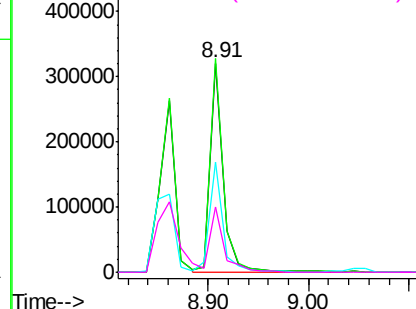
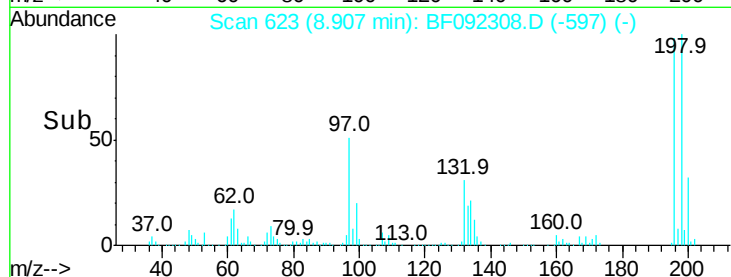
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

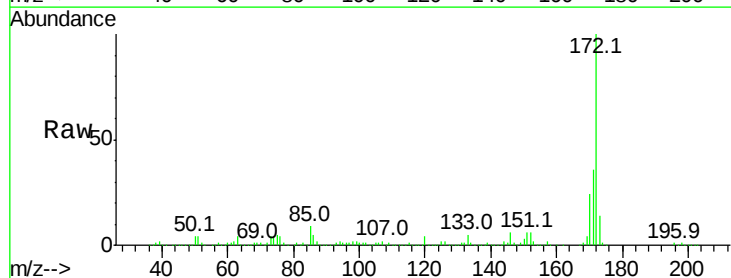
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.45 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092308.D
 Acq: 17 Jan 2017 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1667536		
171	35.6		29.4	44.0
170	23.8		20.2	30.4

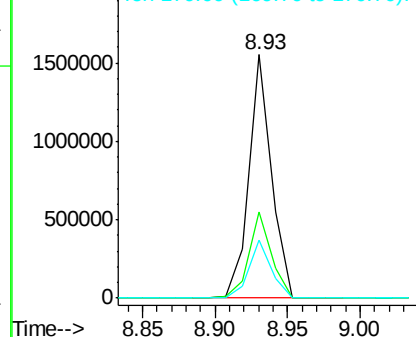
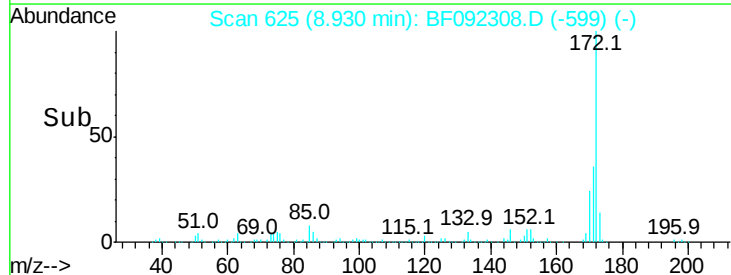


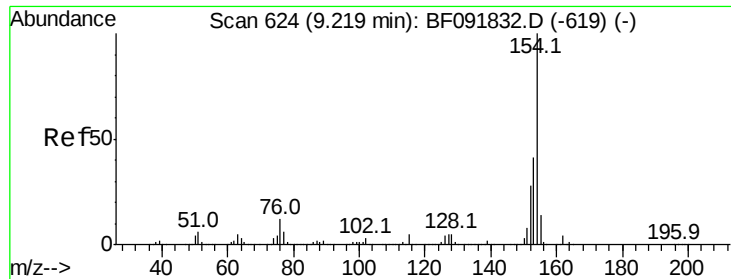
Abundance

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





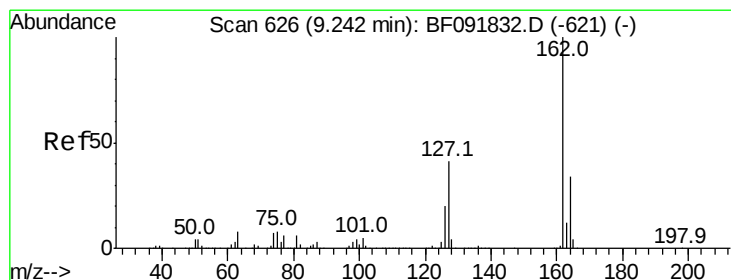
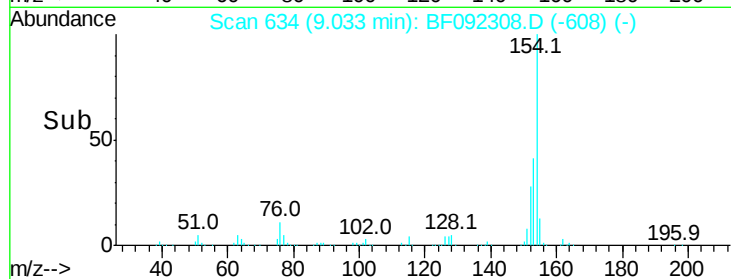
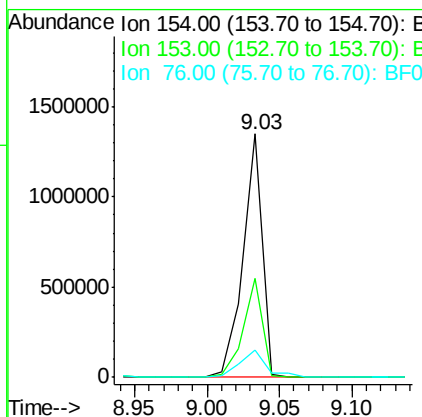
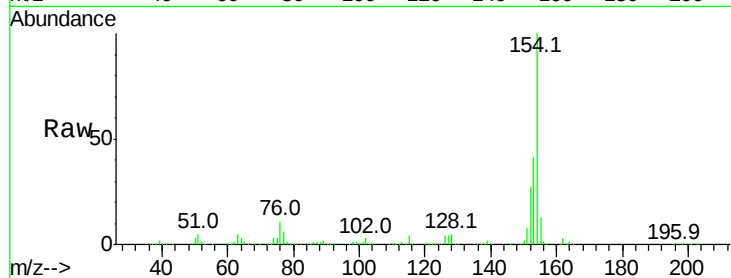
#45
 1,1'-Biphenyl
 Concen: 49.68 ng
 RT: 9.03 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092308.D
 Acq: 17 Jan 2017 4:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.9	60.9
76	11.3	0.0	30.5

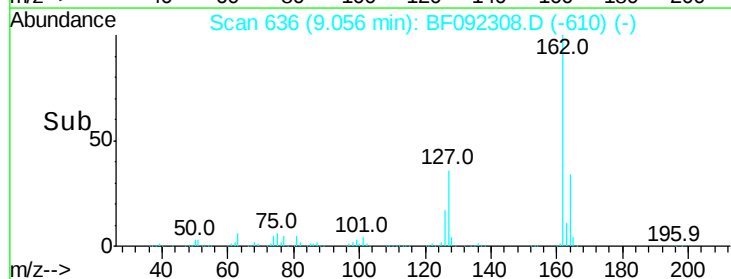
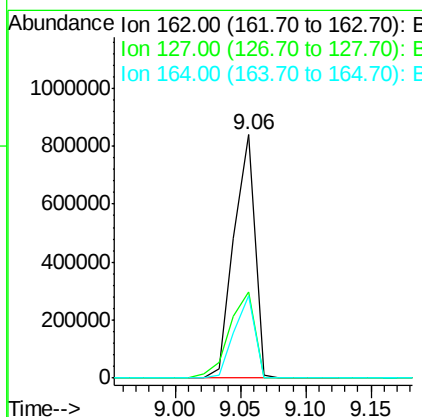
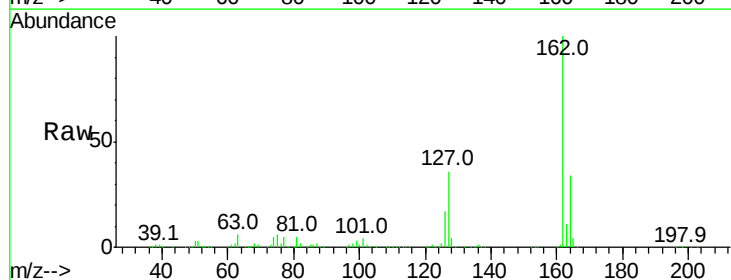
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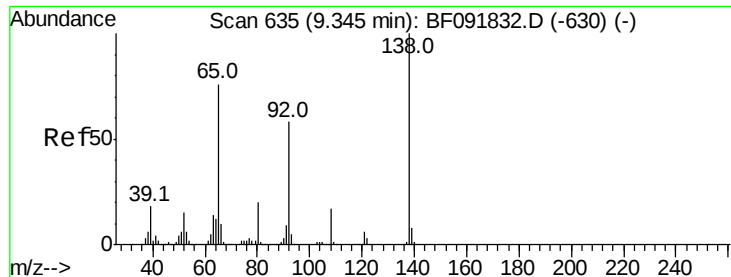
mohammad
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#46
 2-Chloronaphthalene
 Concen: 47.47 ng
 RT: 9.06 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092308.D
 Acq: 17 Jan 2017 4:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.5	30.7	46.1
164	33.7	27.6	41.4





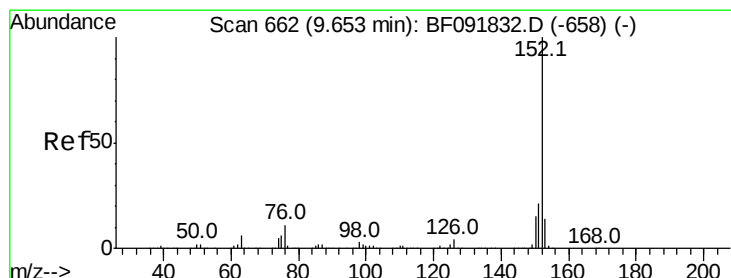
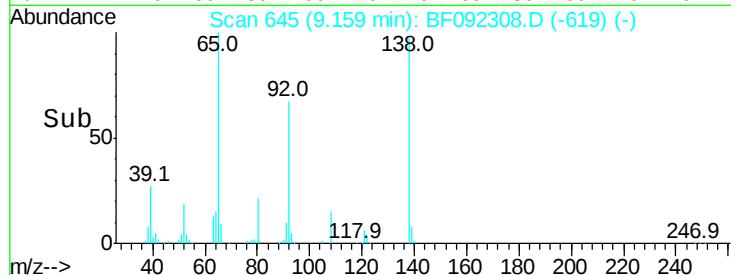
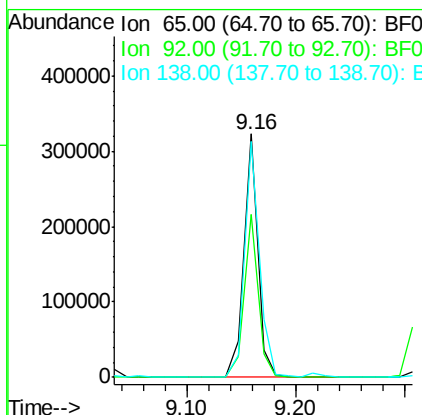
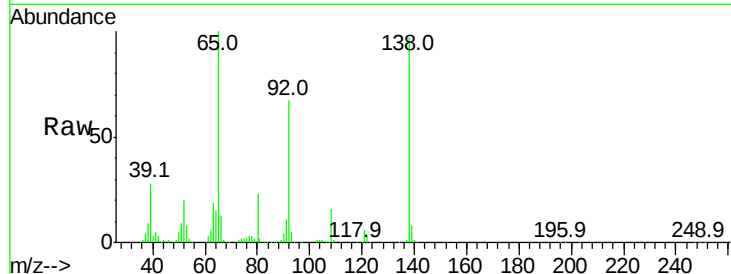
#47
2-Nitroaniline
Concen: 40.43 ng
RT: 9.16 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Instrument :
BNA_F
ClientSampleId :
PB96013BS

Tot Ion: 65 Resp: 284103
Ion Ratio Lower Upper
65 100
92 66.9 53.9 80.9
138 97.1 76.8 115.2

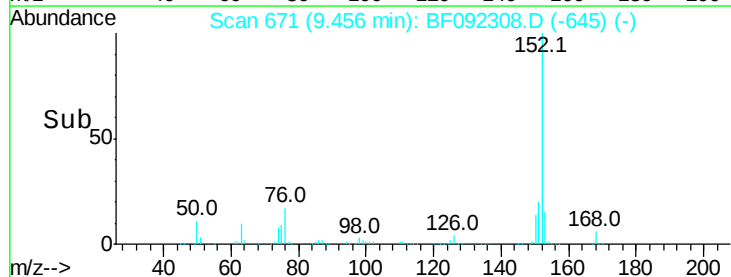
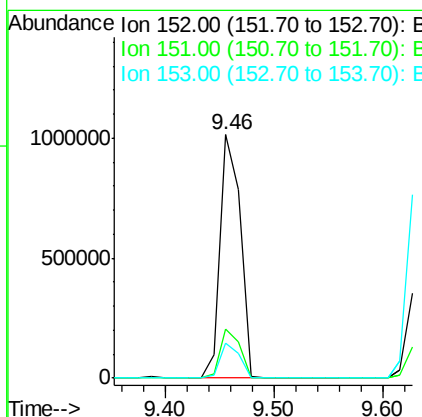
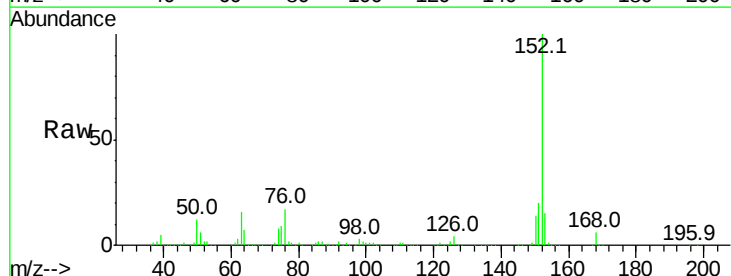
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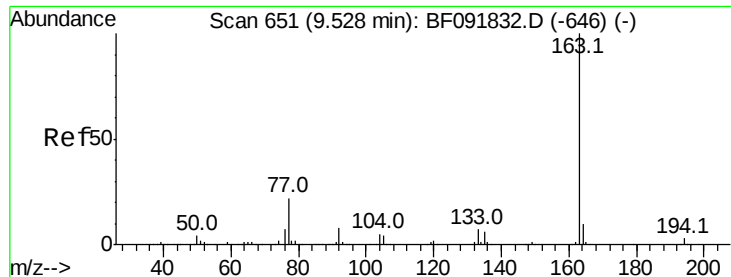
mohammad
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#48
Acenaphthylene
Concen: 43.10 ng
RT: 9.46 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Tgt Ion: 152 Resp: 1308385
Ion Ratio Lower Upper
152 100
151 20.0 16.9 25.3
153 14.5 11.4 17.2





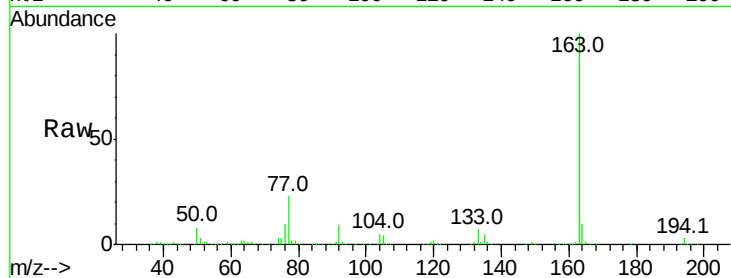
#49
Dimethylphthalate
Concen: 44.01 ng
RT: 9.34 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Instrument :
BNA_F
ClientSampled :
PB96013BS

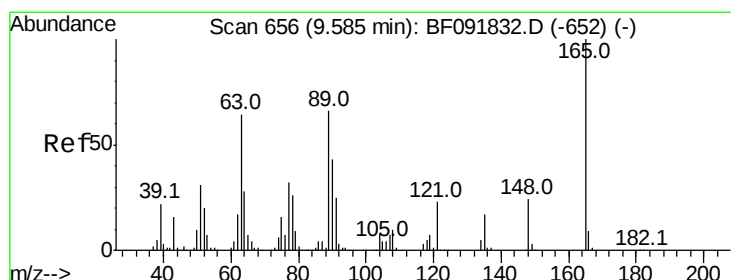
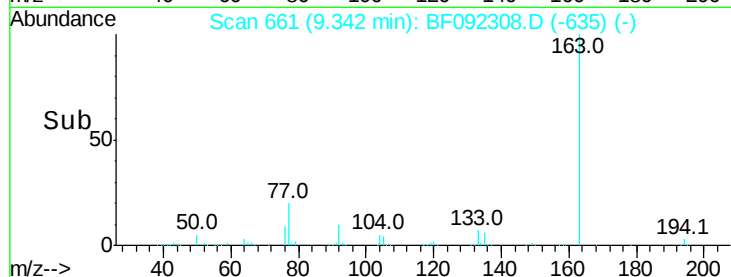
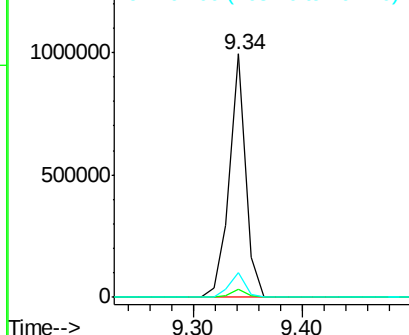
Tot Ion:163 Resp: 1024515
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.3 8.0 12.0

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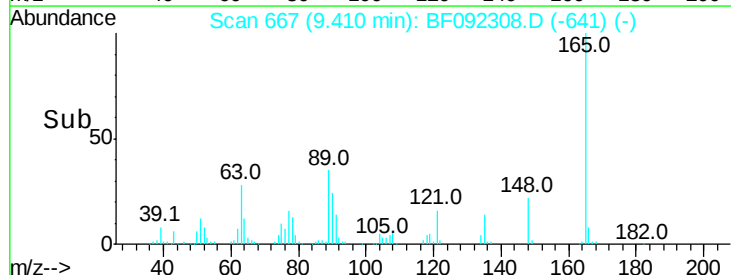
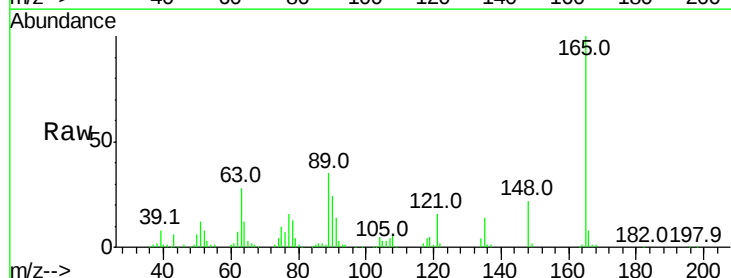
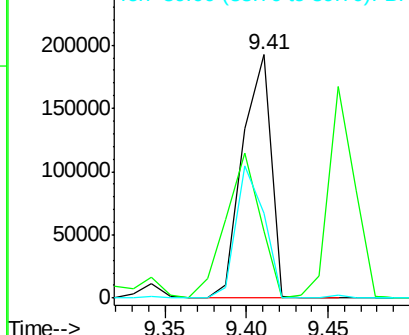
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

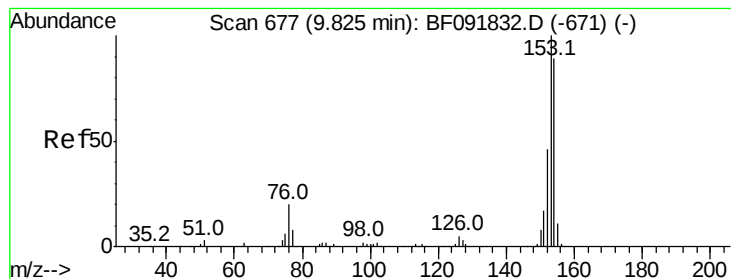


#50
2,6-Dinitrotoluene
Concen: 45.57 ng
RT: 9.41 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Tgt Ion:165 Resp: 232209
Ion Ratio Lower Upper
165 100
63 27.6 36.2 54.4#
89 35.1 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





#51

Acenaphthene

Concen: 41.59 ng

RT: 9.63 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Instrument :

BNA_F

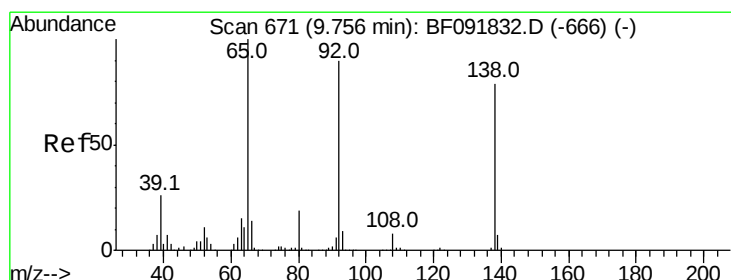
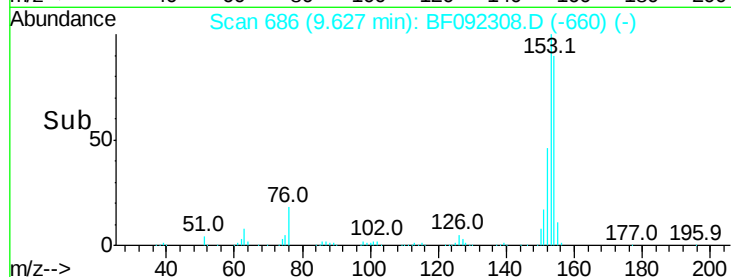
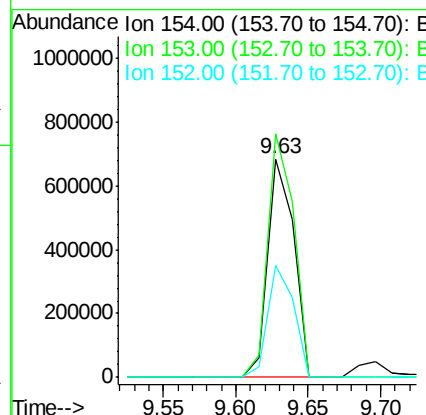
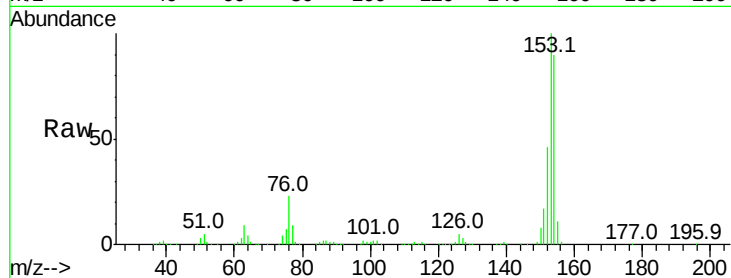
ClientSampled :

PB96013BS

Tot Ion:	154	Resp:	855952
Ion Ratio	Lower	Upper	
154	100		
153	111.4	88.6	133.0
152	51.2	41.6	62.4

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#52

3-Nitroaniline

Concen: 18.21 ng

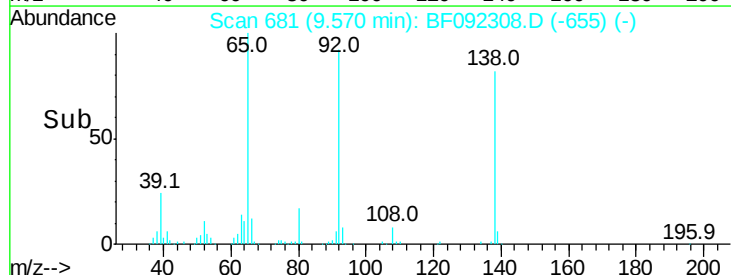
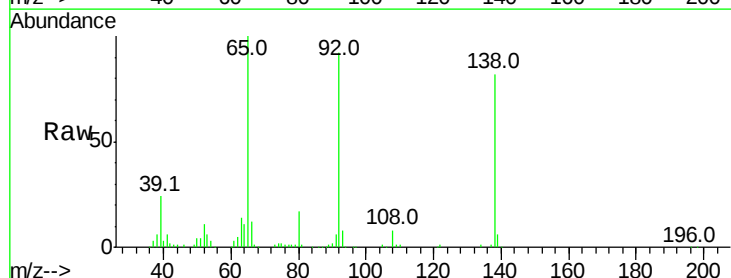
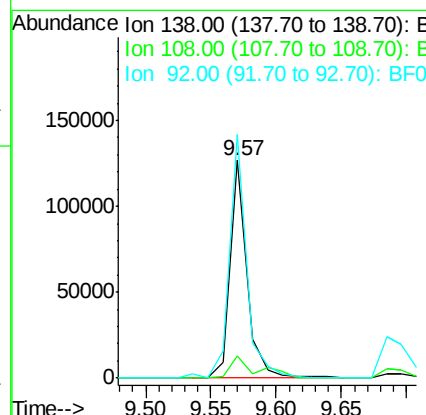
RT: 9.57 min Scan# 681

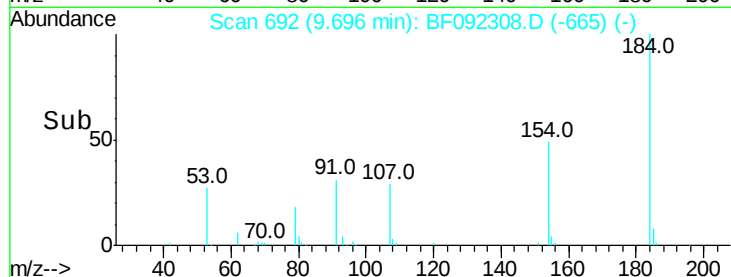
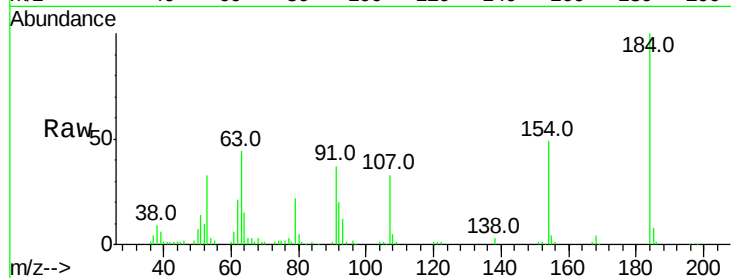
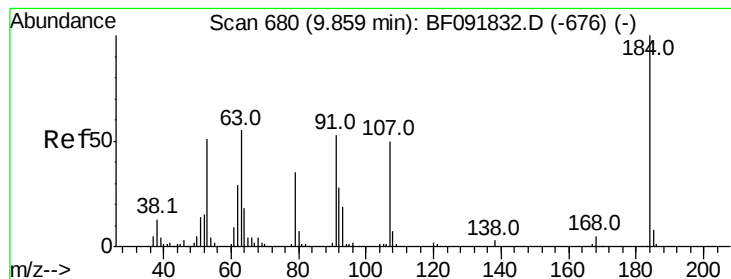
Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Tgt Ion:	138	Resp:	114809
Ion Ratio	Lower	Upper	
138	100		
108	9.9	8.5	12.7
92	112.0	97.8	146.8





#53

2,4-Dinitrophenol

Concen: 49.76 ng

RT: 9.70 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Tot Ion	Ratio	Resp	Lower	Upper
184	100	141083		
63	43.7	28.4	42.6	#
154	49.3	44.3	66.5	

Instrument :

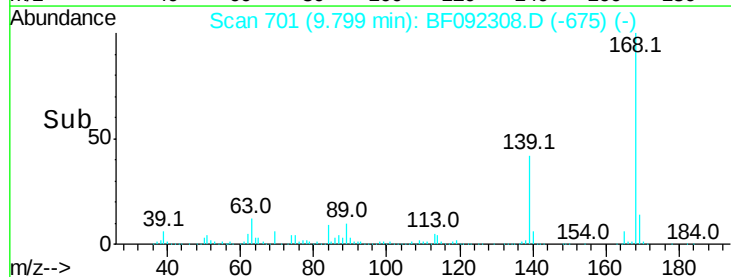
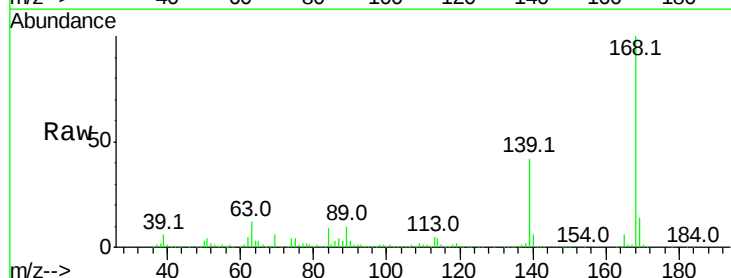
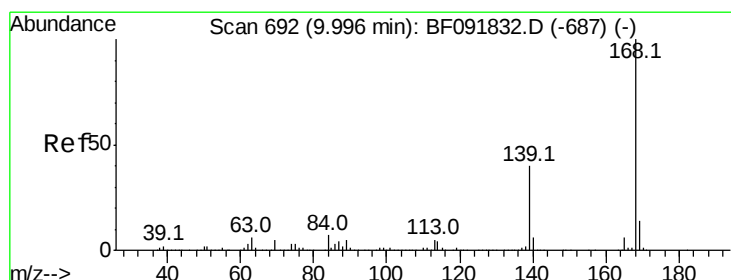
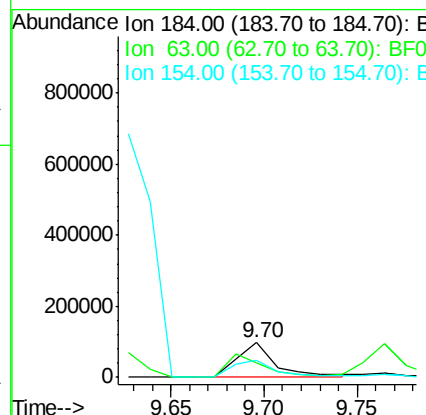
BNA_F

ClientSampleId :

PB96013BS

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#54

Dibenzofuran

Concen: 45.28 ng

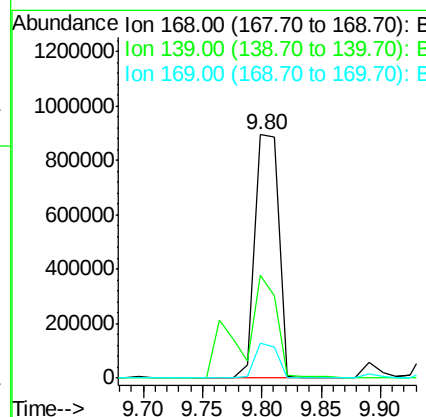
RT: 9.80 min Scan# 701

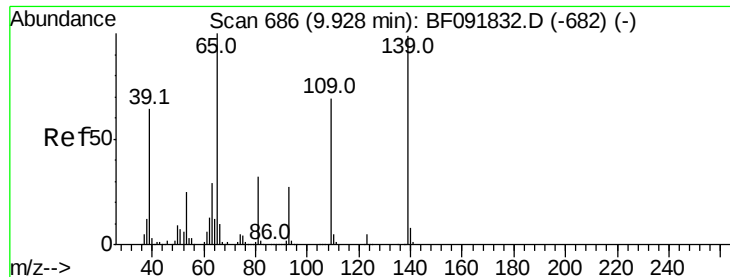
Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1258275		
139	42.3	32.6	49.0	
169	14.2	11.3	16.9	





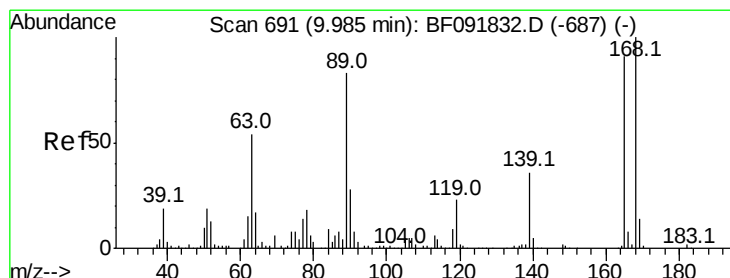
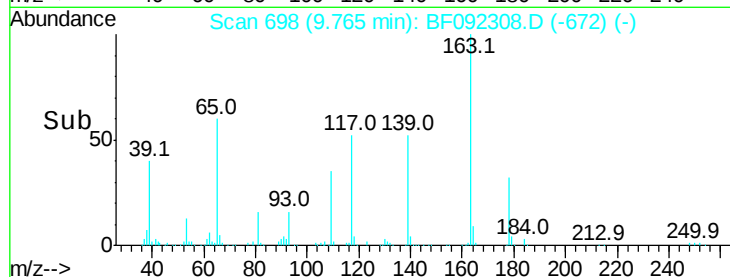
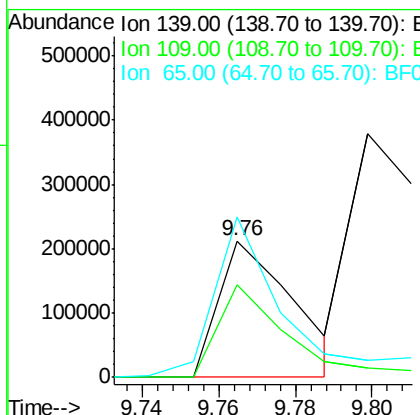
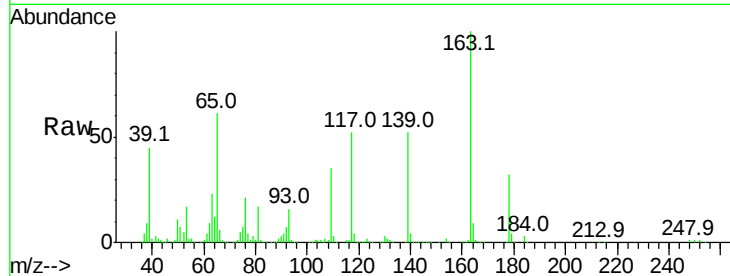
#55
4-Nitrophenol
Concen: 67.20 ng/ml
RT: 9.76 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Instrument :
BNA_F
ClientSampled :
PB96013BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	68.1	52.2	92.2
65	117.7	85.8	125.8

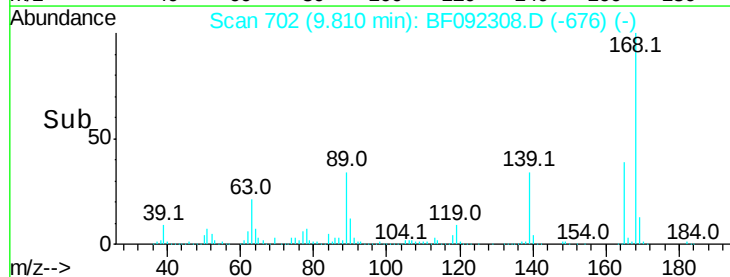
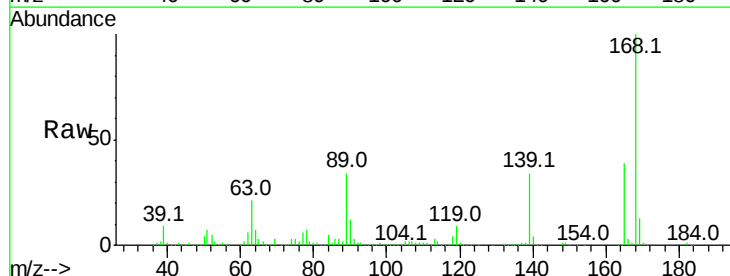
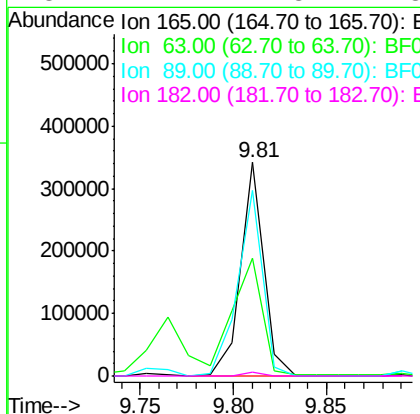
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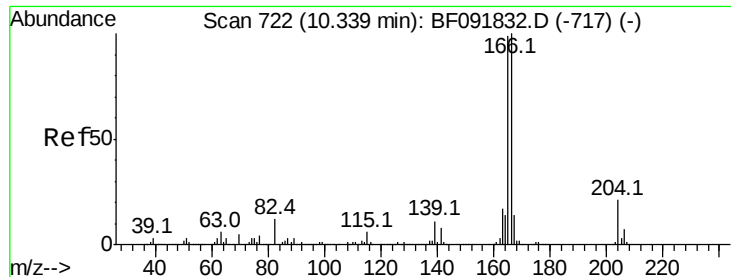
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#56
2,4-Dinitrotoluene
Concen: 46.45 ng
RT: 9.81 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.0	40.2	60.4
89	86.9	62.5	93.7
182	2.1	1.8	2.8





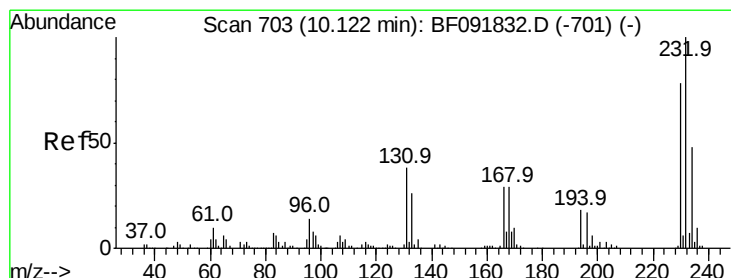
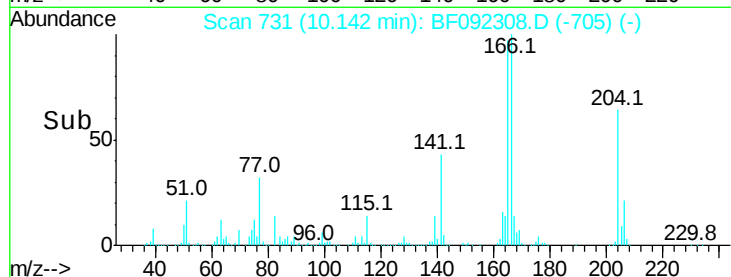
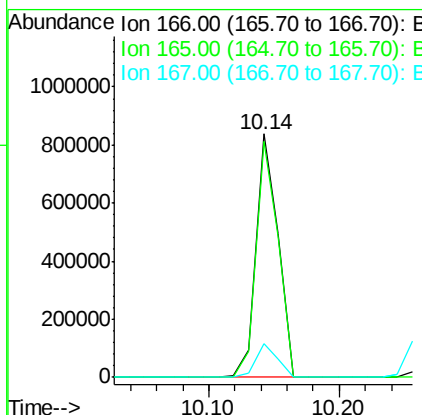
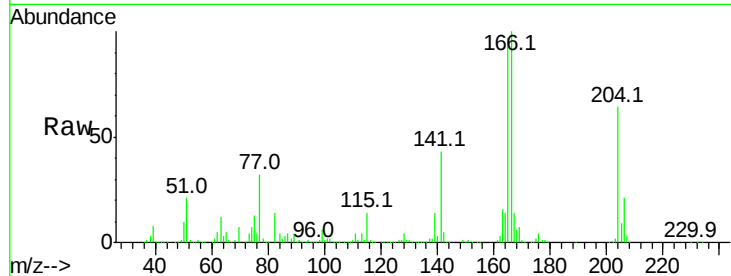
#57
Fluorene
 Concen: 48.52 ng
 RT: 10.14 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF092308.D
 Acq: 17 Jan 2017 4:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	981136		
165	96.8	77.8	116.8	
167	14.0	10.8	16.2	

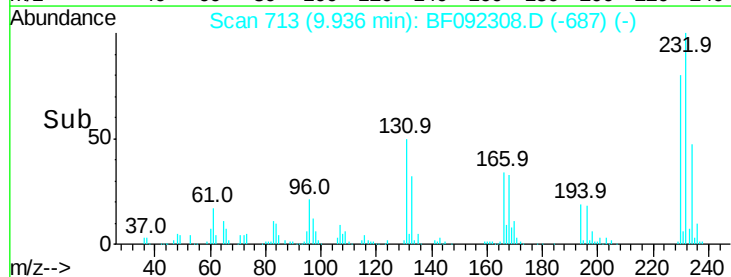
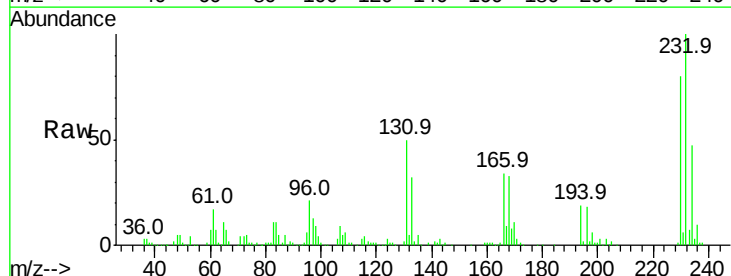
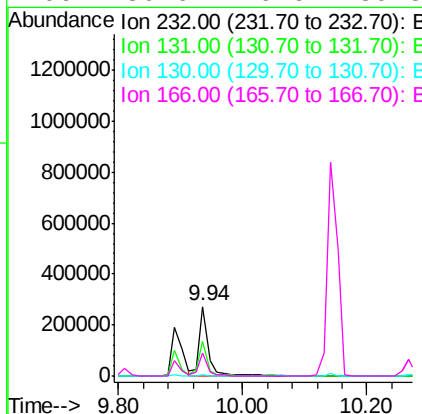
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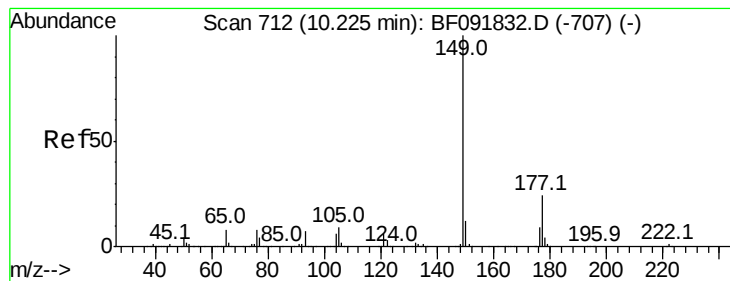
mohammad
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 53.91 ng
 RT: 9.94 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF092308.D
 Acq: 17 Jan 2017 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	282202		
131	47.3	40.1	60.1	
130	2.2	1.8	2.8	
166	30.6	26.6	39.8	





#59

Diethylphthalate

Concen: 53.99 ng

RT: 10.04 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Instrument :

BNA_F

ClientSampleId :

PB96013BS

Tot Ion:149 Resp: 1220580

Ion Ratio Lower Upper

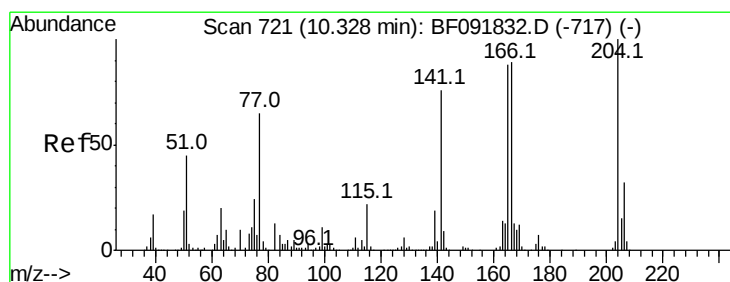
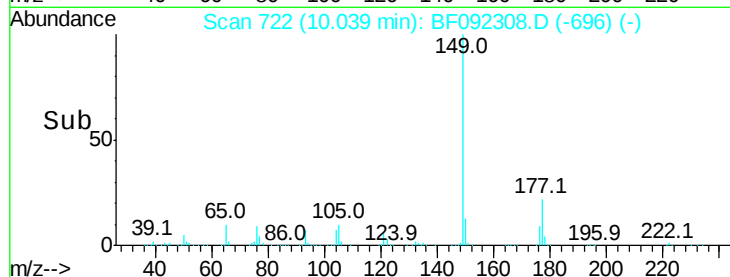
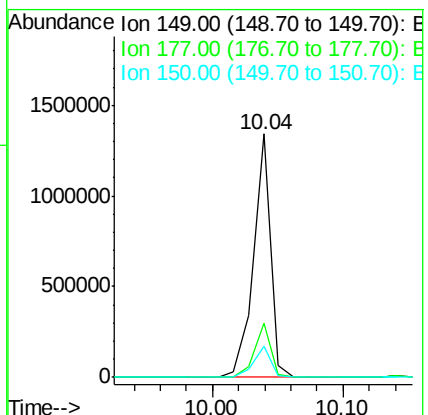
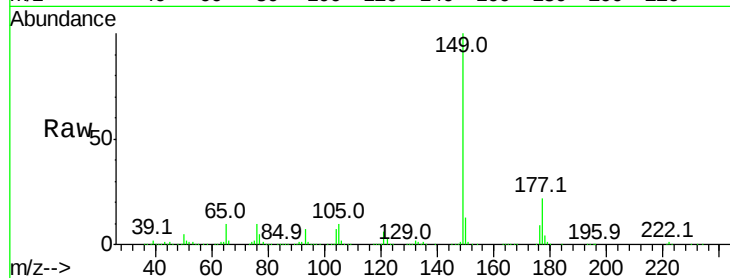
149 100

177 22.1 16.6 25.0

150 12.6 10.4 15.6

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#60

4-Chlorophenyl-phenylether

Concen: 51.51 ng

RT: 10.14 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

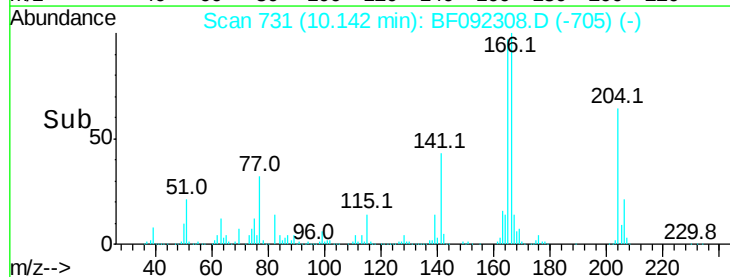
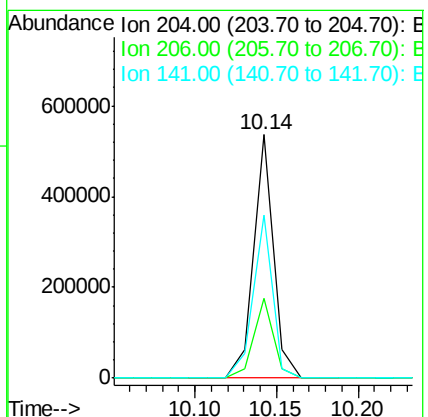
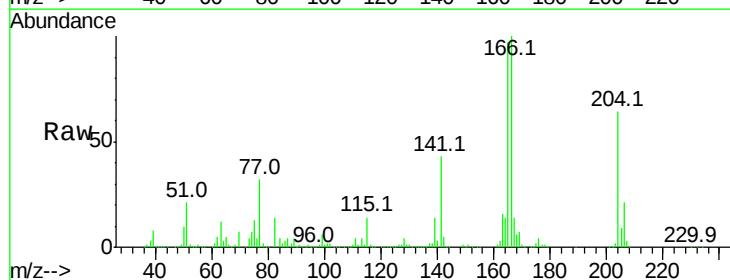
Tgt Ion:204 Resp: 456025

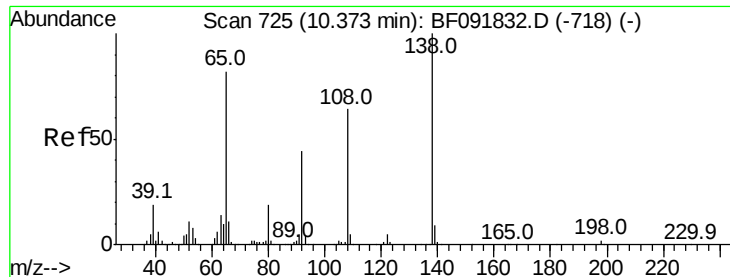
Ion Ratio Lower Upper

204 100

206 33.0 25.8 38.6

141 67.2 59.4 89.0





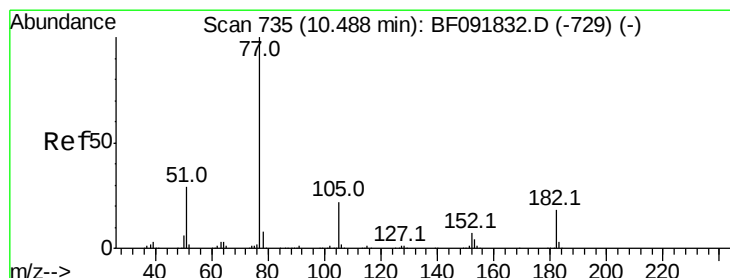
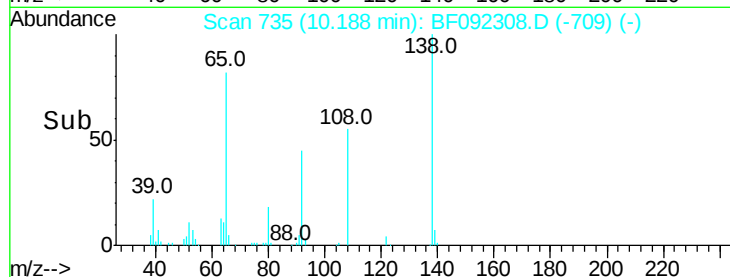
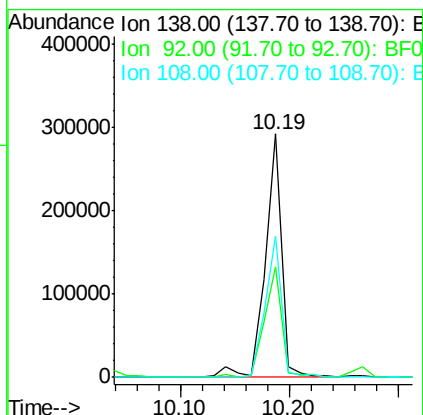
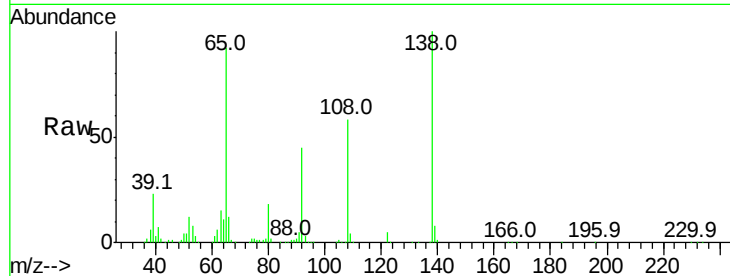
#61
4-Nitroaniline
Concen: 47.68 ng
RT: 10.19 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Instrument :
BNA_F
ClientSampleId :
PB96013BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.4	31.7	71.7
108	57.9	52.6	92.6

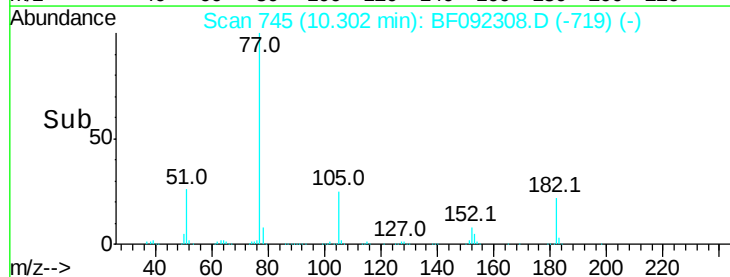
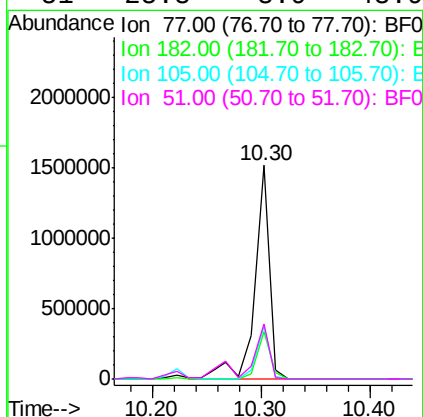
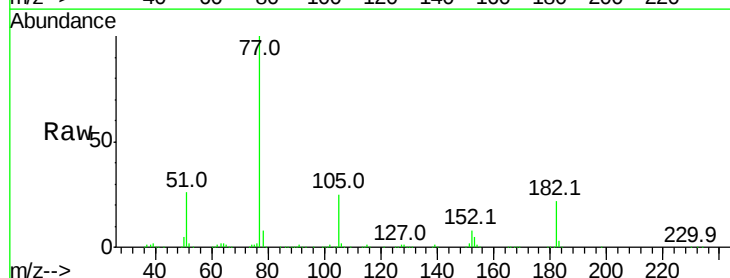
Manual Integrations
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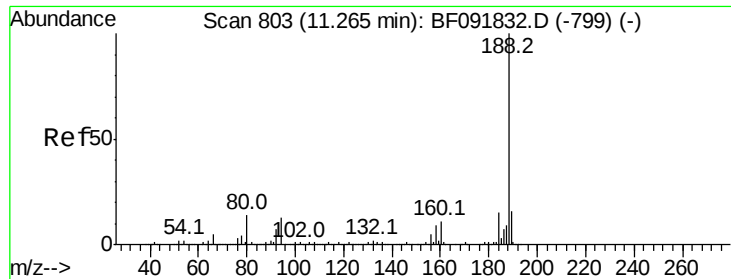
mohammad
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#62
Azobenzene
Concen: 57.67 ng
RT: 10.30 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.0	0.0	39.3
105	24.8	2.3	42.3
51	25.8	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: BF092308.D

Acq: 17 Jan 2017 4:13

Instrument :

BNA_F

ClientSampleId :

PB96013BS

Tot Ion:188 Resp: 686794

Ion Ratio Lower Upper

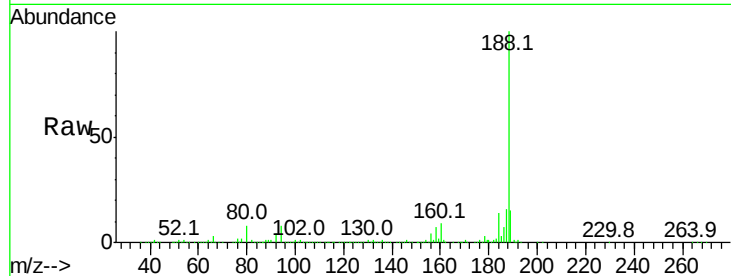
188 100

94 8.0 10.0 15.0#

80 8.0 11.2 16.8#

Manual Integrations
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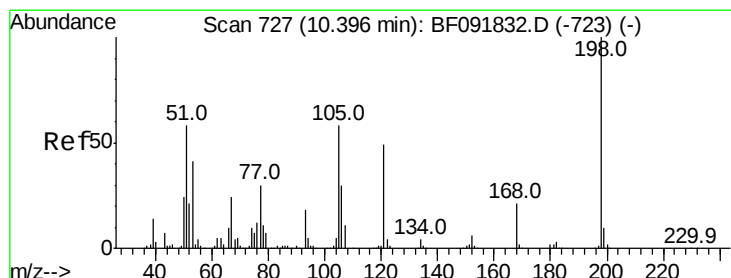
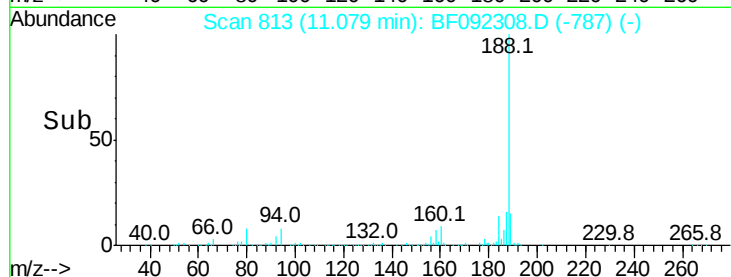
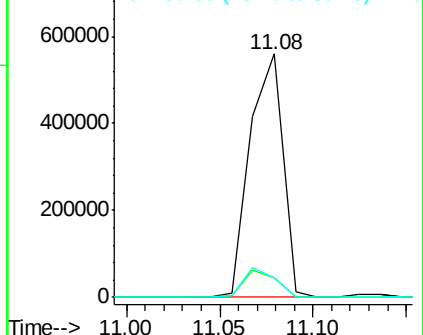
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 36.66 ng

RT: 10.22 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

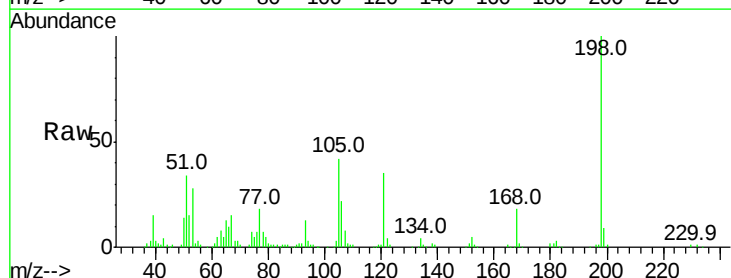
Tgt Ion:198 Resp: 152257

Ion Ratio Lower Upper

198 100

51 33.8 6.7 46.7

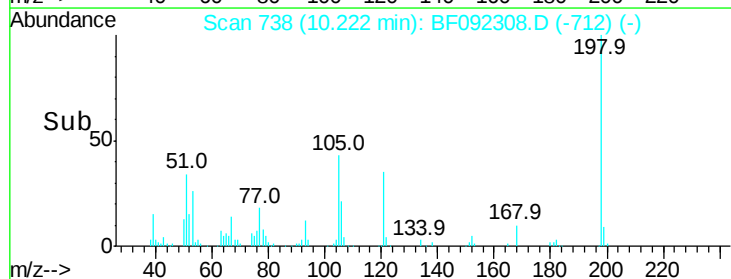
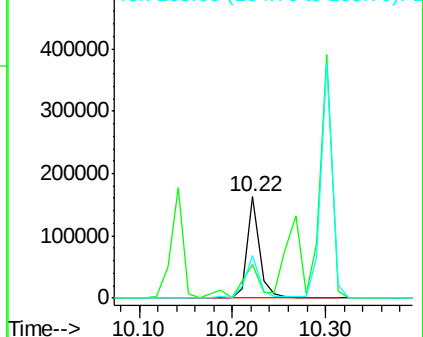
105 42.5 16.6 56.6

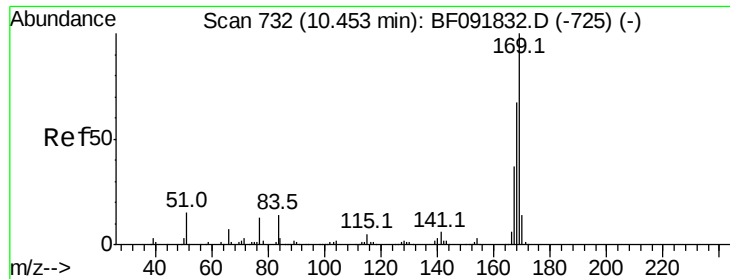


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





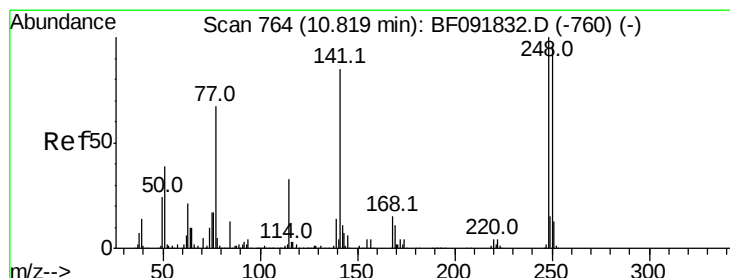
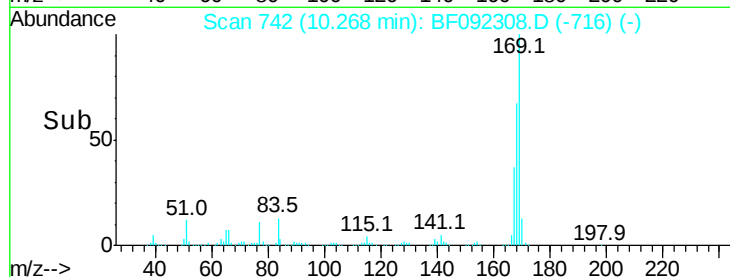
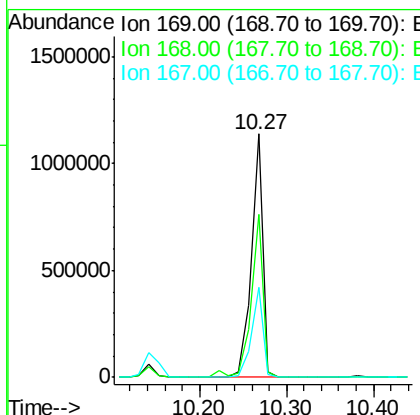
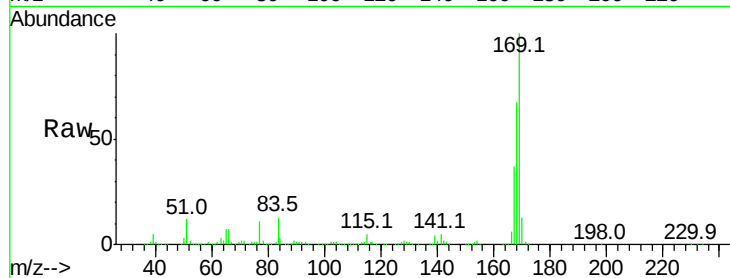
#65
n-Nitrosodiphenylamine
Concen: 51.70 ng
RT: 10.27 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Instrument :
BNA_F
ClientSampleId :
PB96013BS

Tot Ion:169 Resp: 1053602
Ion Ratio Lower Upper
169 100
168 67.0 54.2 81.2
167 36.8 30.2 45.4

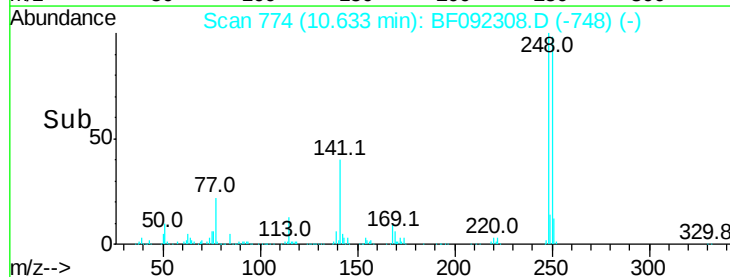
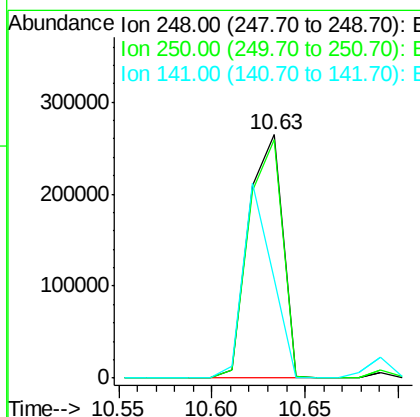
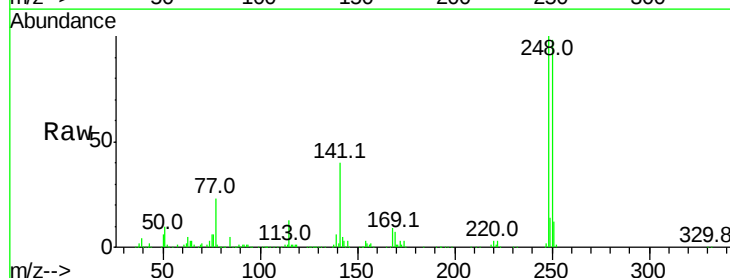
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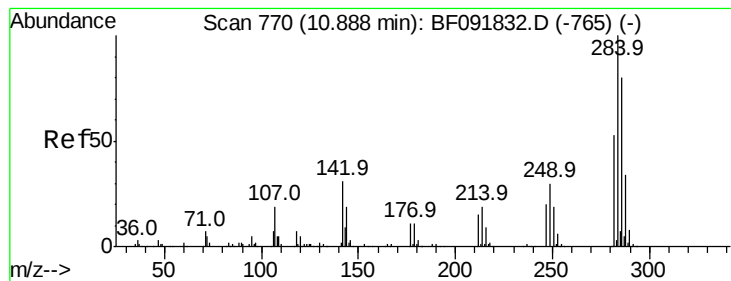
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#66
4-Bromophenyl-phenylether
Concen: 46.60 ng
RT: 10.63 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Tgt Ion:248 Resp: 332960
Ion Ratio Lower Upper
248 100
250 98.2 76.9 115.3
141 40.5 68.2 102.4#





#67

Hexachlorobenzene

Concen: 41.13 ng

RT: 10.69 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Instrument :

BNA_F

ClientSampleId :

PB96013BS

Tot Ion:284 Resp: 314097
Ion Ratio Lower Upper

284 100

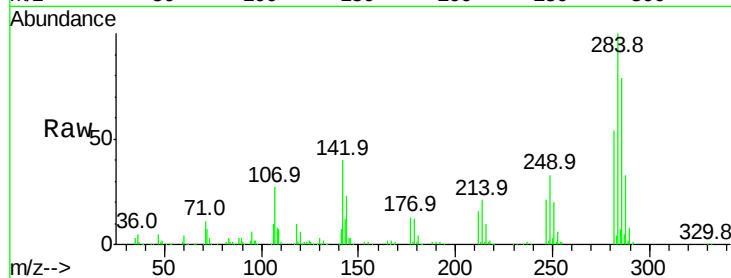
142 40.1 22.6 33.8#

249 33.0 25.4 38.0

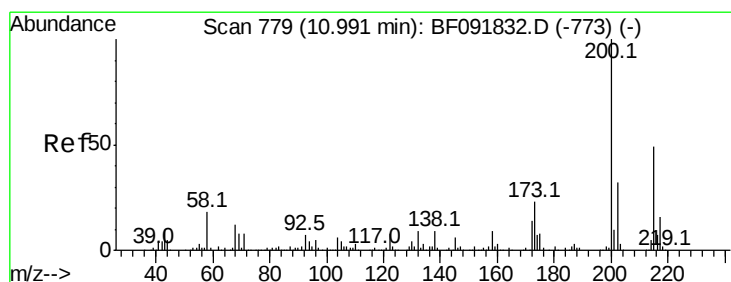
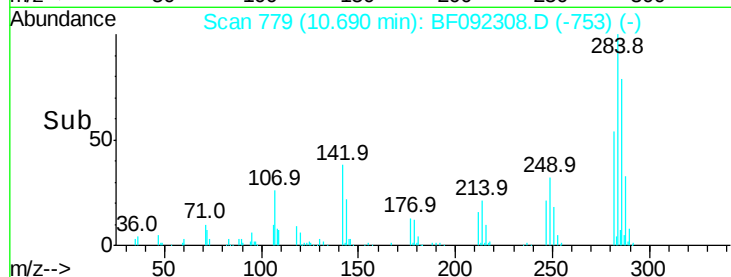
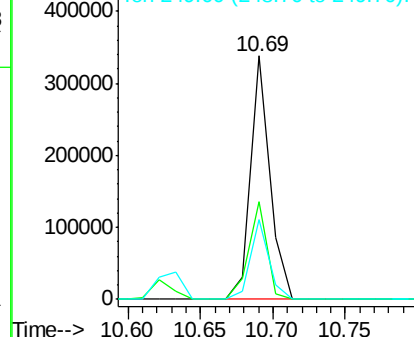
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 51.50 ng

RT: 10.80 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF092308.D

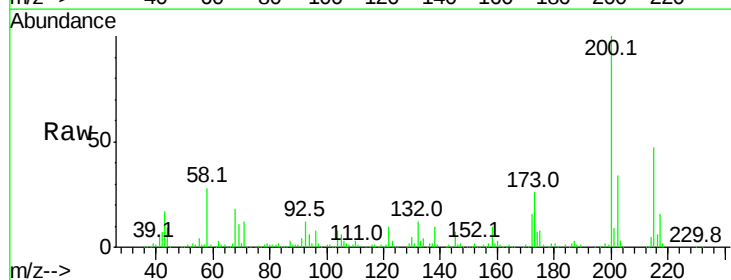
Acq: 17 Jan 2017 4:13

Tgt Ion:200 Resp: 338540
Ion Ratio Lower Upper

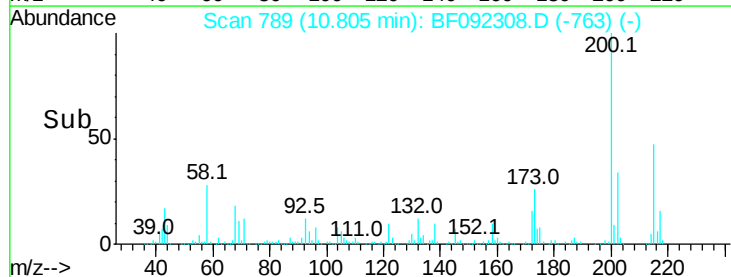
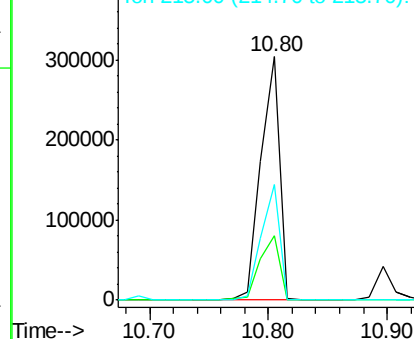
200 100

173 26.3 9.6 49.6

215 47.4 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





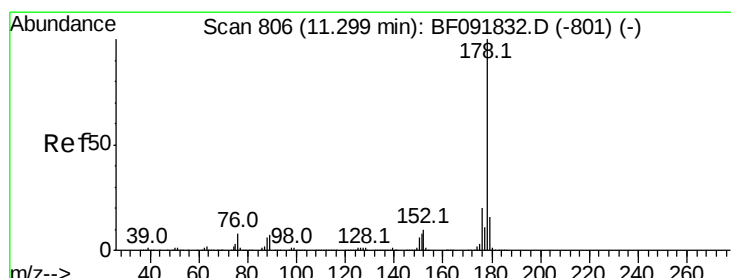
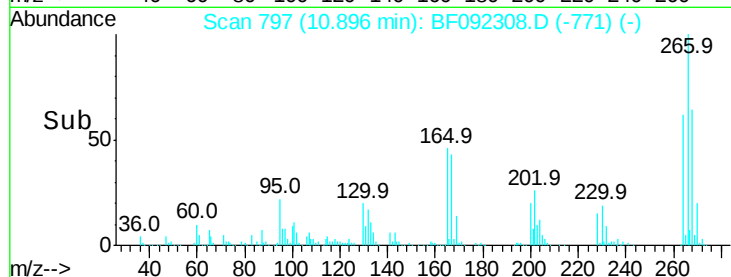
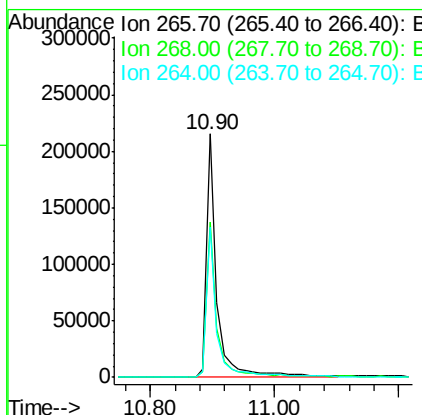
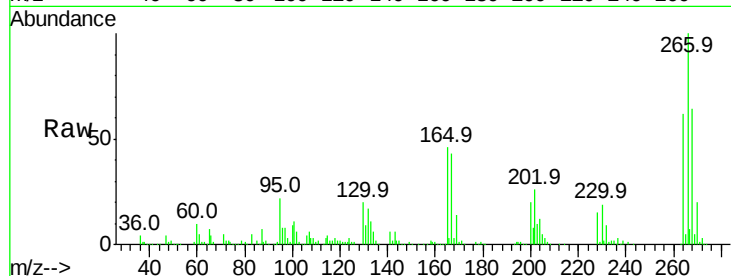
#69
 Pentachlorophenol
 Concen: 67.52 ng
 RT: 10.90 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF092308.D
 Acq: 17 Jan 2017 4:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	252981		
268	63.8	53.3	79.9	
264	61.7	50.3	75.5	

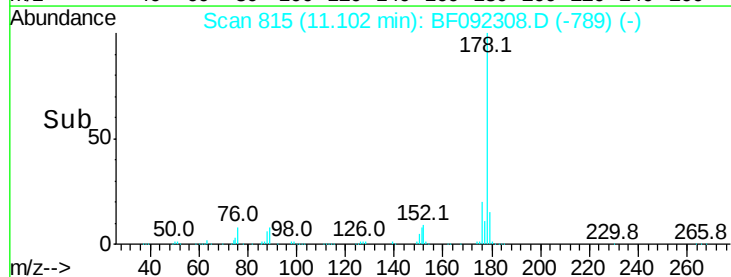
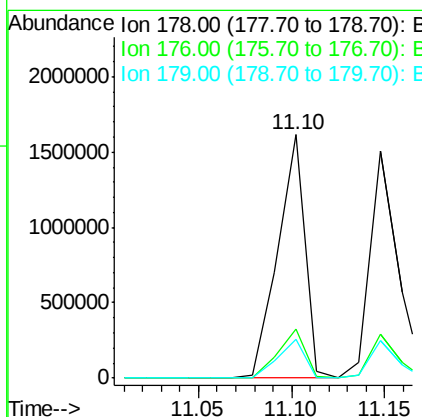
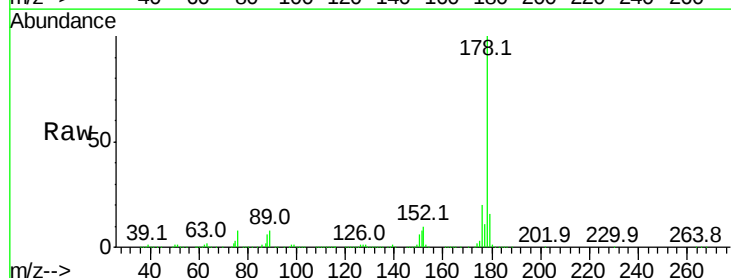
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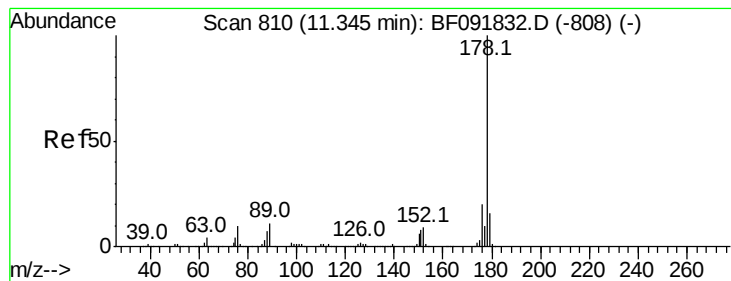
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#70
 Phenanthrene
 Concen: 43.91 ng
 RT: 11.10 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF092308.D
 Acq: 17 Jan 2017 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1635232		
176	20.1	16.6	25.0	
179	15.8	12.8	19.2	





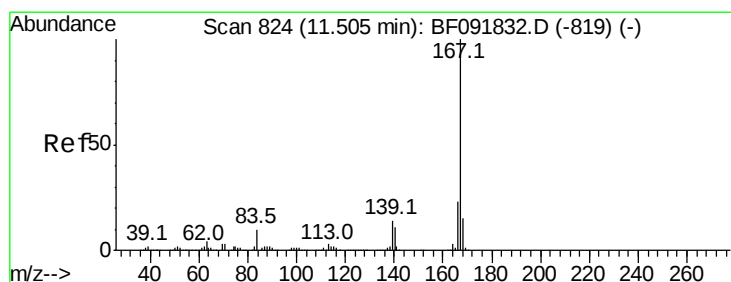
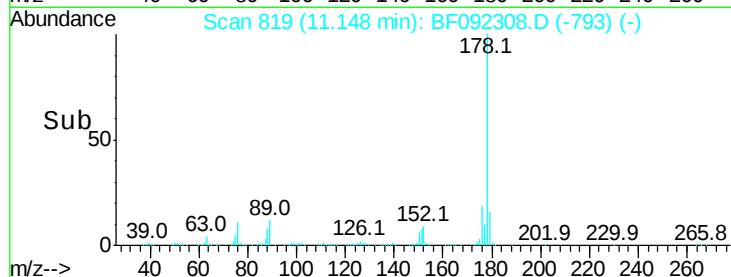
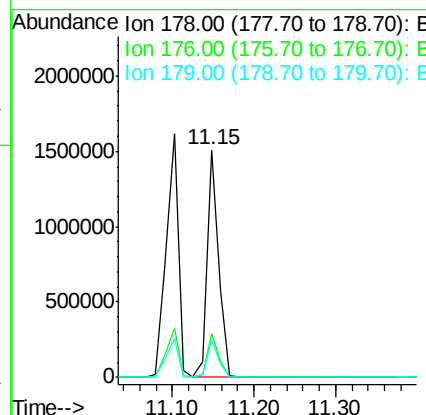
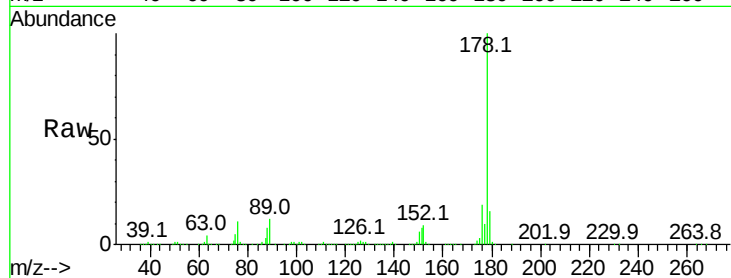
#71
 Anthracene
 Concen: 46.40 ng
 RT: 11.15 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF092308.D
 Acq: 17 Jan 2017 4:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BS

Tot Ion:178 Resp: 1515798
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.9 23.9
 179 16.4 13.2 19.8

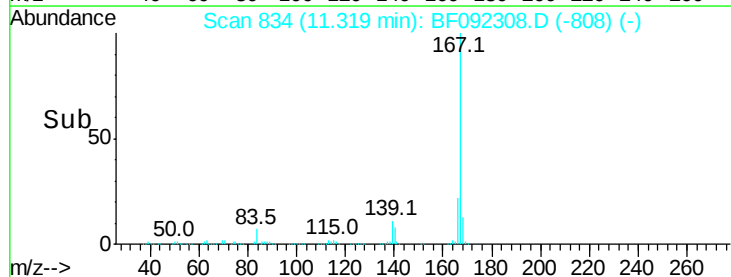
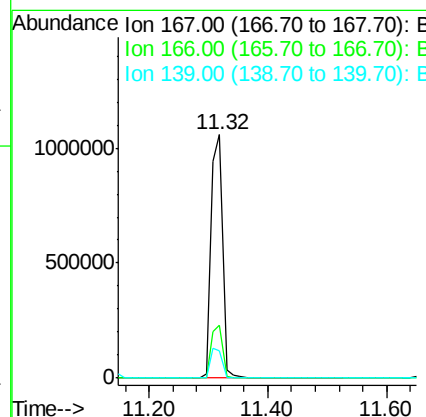
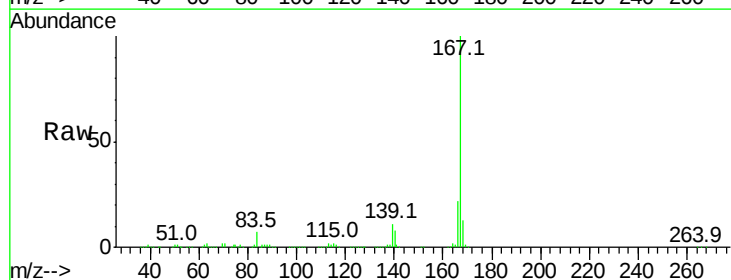
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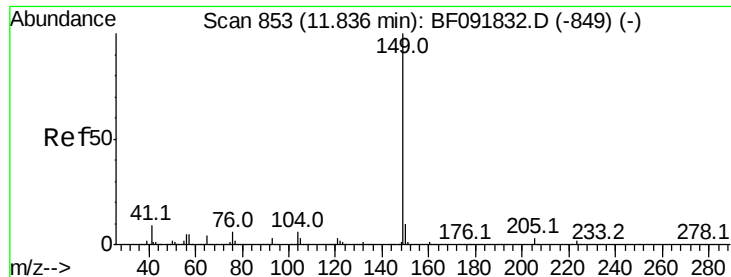
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#72
 Carbazole
 Concen: 47.46 ng
 RT: 11.32 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF092308.D
 Acq: 17 Jan 2017 4:13

Tgt Ion:167 Resp: 1420011
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.2 27.2
 139 11.4 11.4 17.2#





#73

Di-n-butylphthalate

Concen: 48.89 ng

RT: 11.65 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Instrument :

BNA_F

ClientSampled :

PB96013BS

Tot Ion:149 Resp: 1712744

Ion Ratio Lower Upper

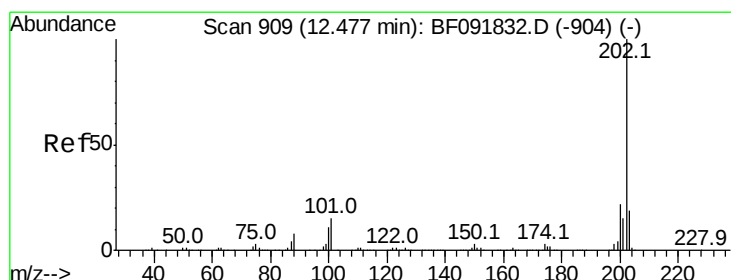
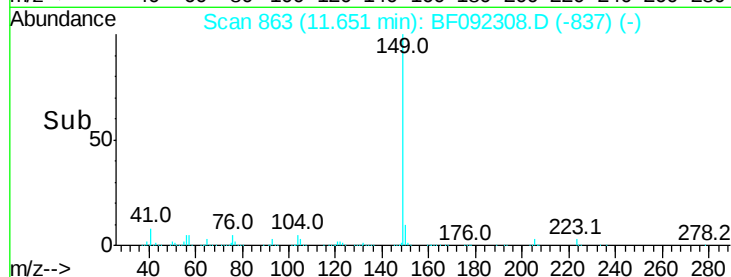
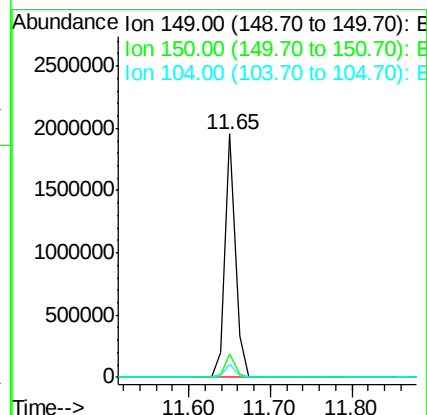
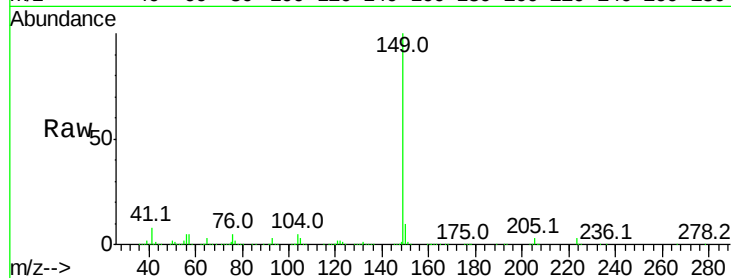
149 100

150 9.8 8.1 12.1

104 5.2 4.6 7.0

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#74

Fluoranthene

Concen: 40.88 ng

RT: 12.28 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

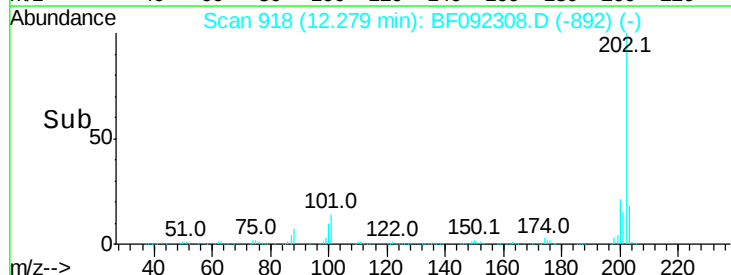
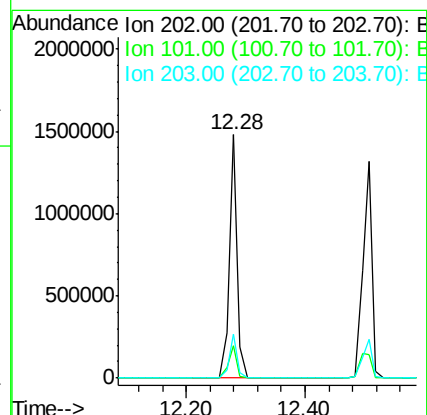
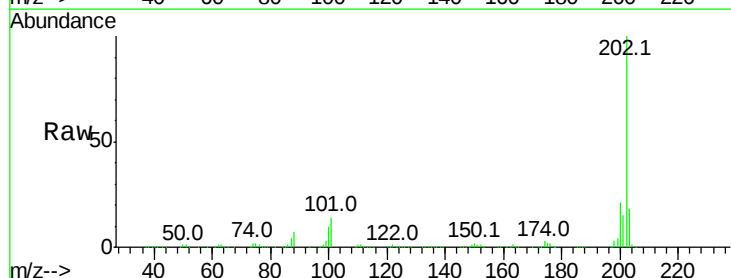
Tgt Ion:202 Resp: 1347061

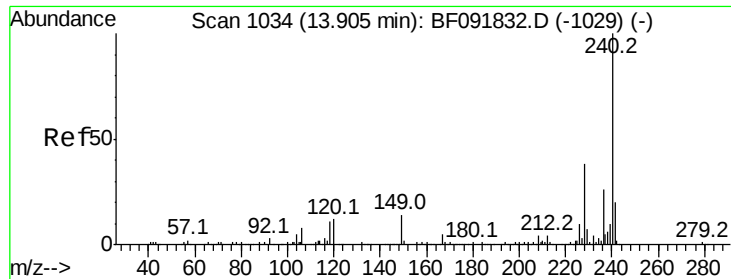
Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.6

203 18.0 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: BF092308.D

Acq: 17 Jan 2017 4:13

Instrument :

BNA_F

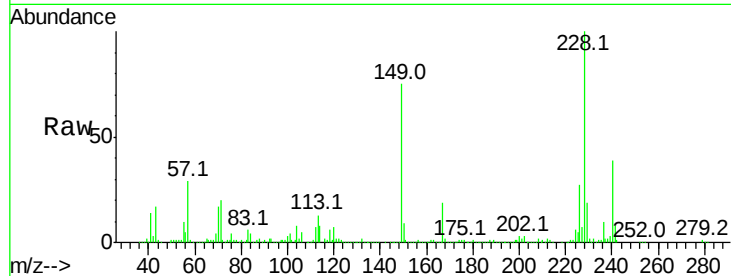
ClientSampleId :

PB96013BS

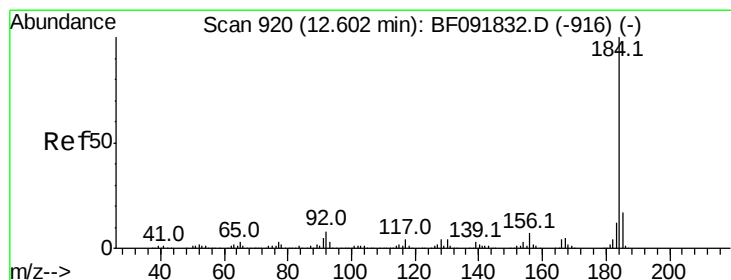
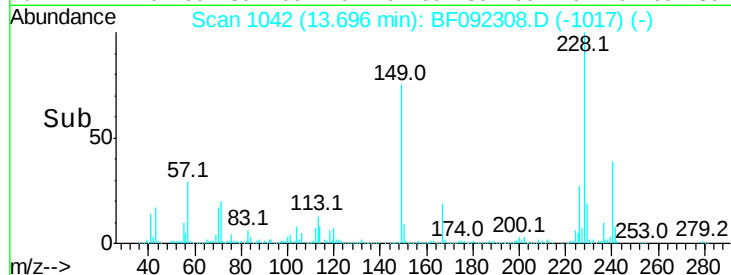
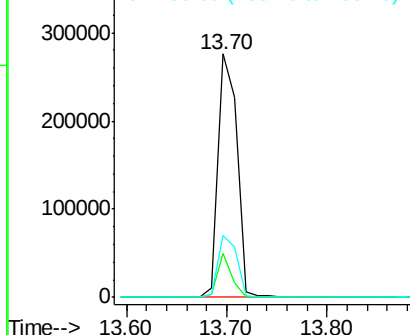
Tot Ion:	240	Resp:	360592
Ion Ratio	Lower	Upper	
240	100		
120	17.9	12.9	19.3
236	25.5	20.9	31.3

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



#76

Benzidine

Concen: 68.76 ng

RT: 12.42 min Scan# 930

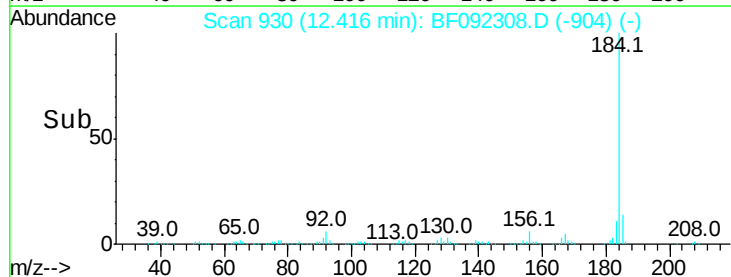
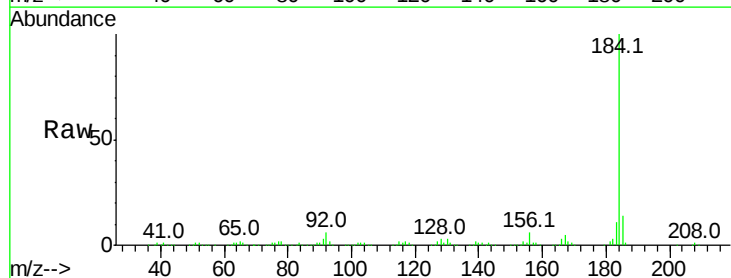
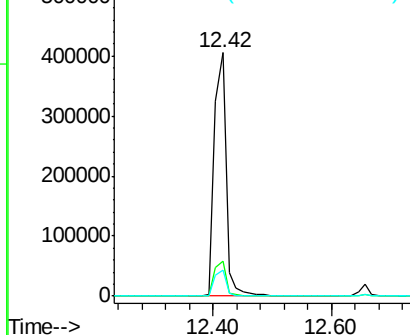
Delta R.T. -0.00 min

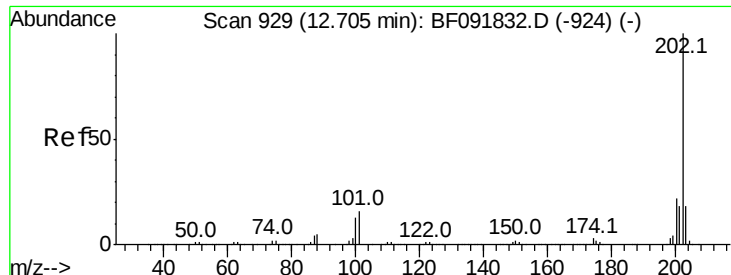
Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Tgt Ion:	184	Resp:	561121
Ion Ratio	Lower	Upper	
184	100		
185	14.3	13.4	20.0
183	10.9	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





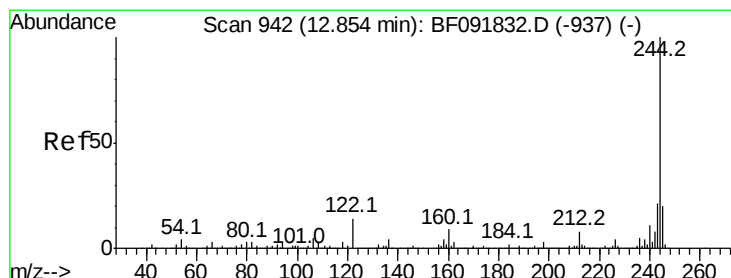
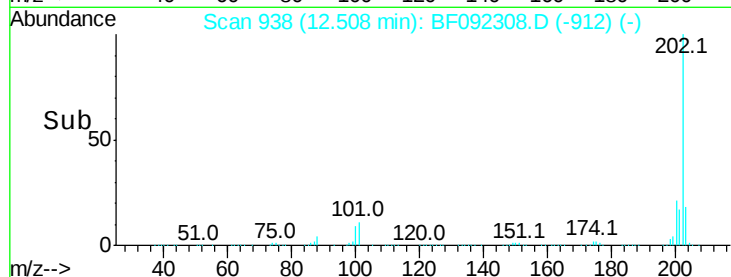
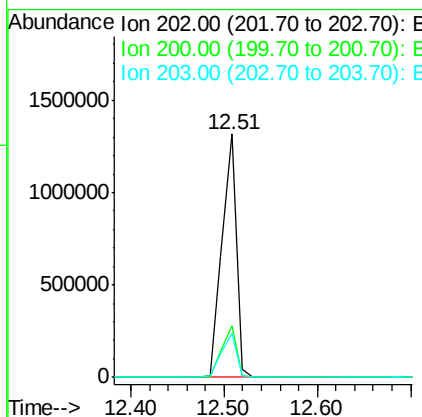
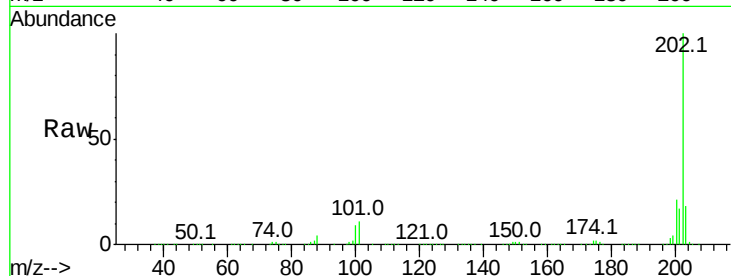
#77
Pvrene
Concen: 52.79 ng
RT: 12.51 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Instrument :
BNA_F
ClientSampleId :
PB96013BS

Tot Ion:202 Resp: 1396683
Ion Ratio Lower Upper
202 100
200 21.2 17.7 26.5
203 17.8 14.7 22.1

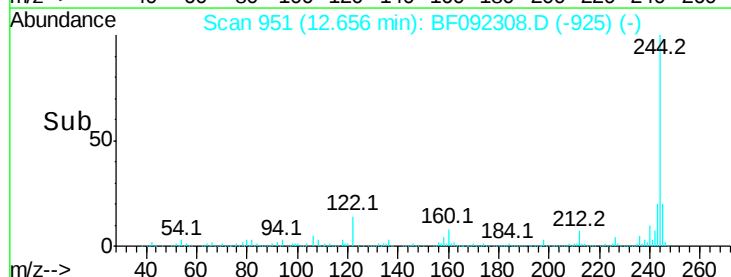
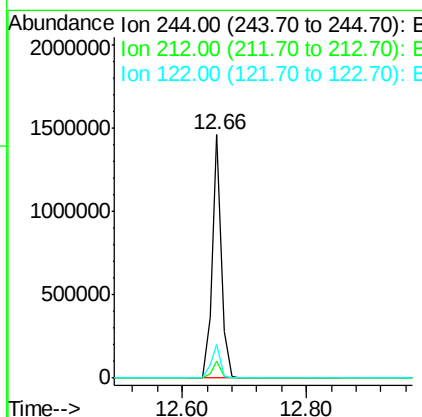
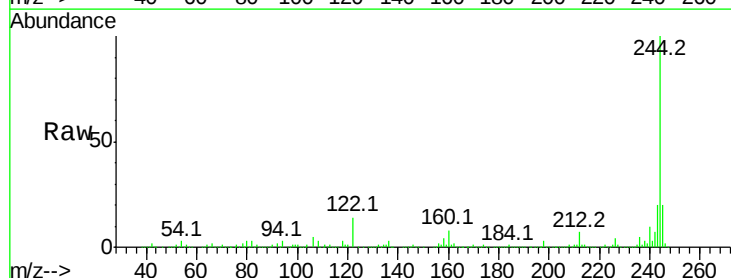
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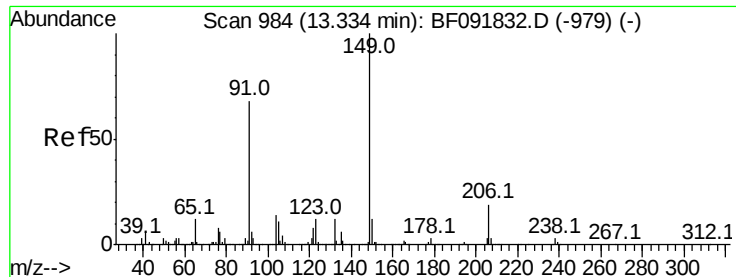
mohammad
1/17/2017 4:58:09 PM



#78
Terphenyl-d14
Concen: 98.22 ng
RT: 12.66 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Tgt Ion:244 Resp: 1460391
Ion Ratio Lower Upper
244 100
212 7.0 6.2 9.2
122 14.0 11.4 17.2





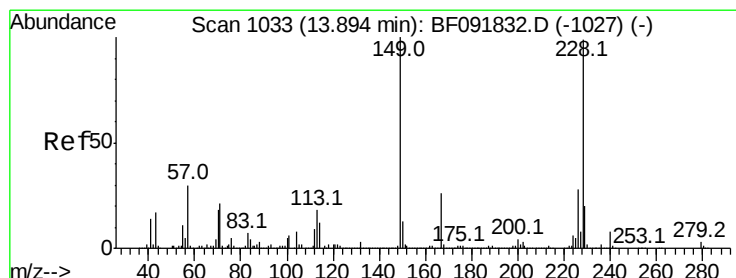
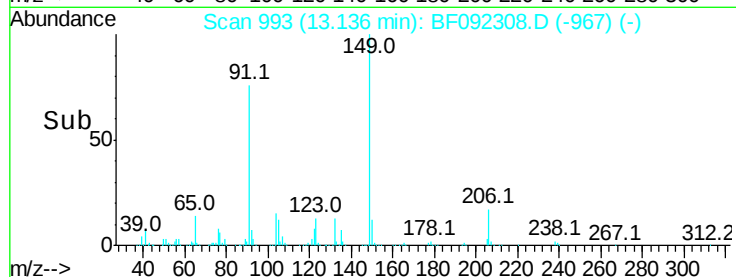
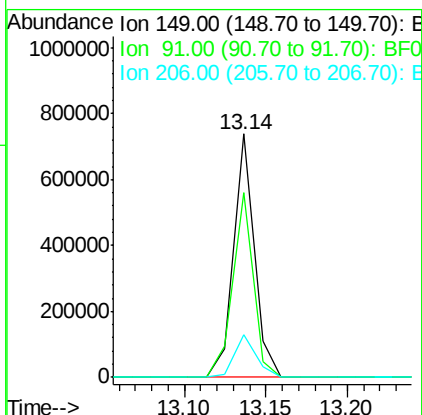
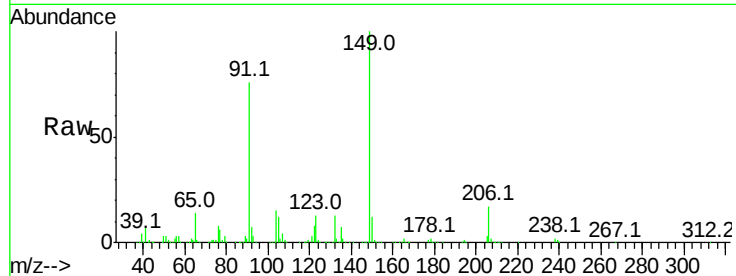
#79
Butylbenzylphthalate
Concen: 53.47 ng
RT: 13.14 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Instrument :
BNA_F
ClientSampled :
PB96013BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.9	63.9	95.9
206	17.3	14.6	21.8

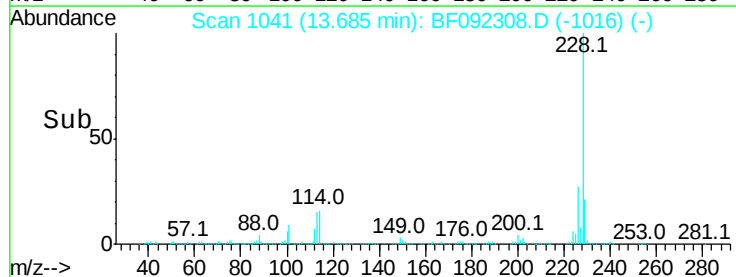
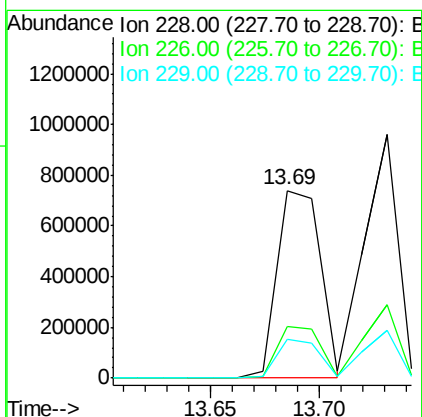
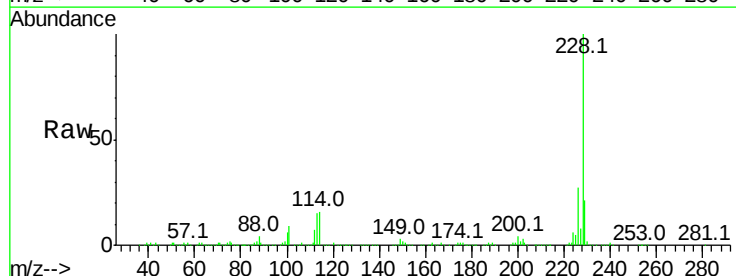
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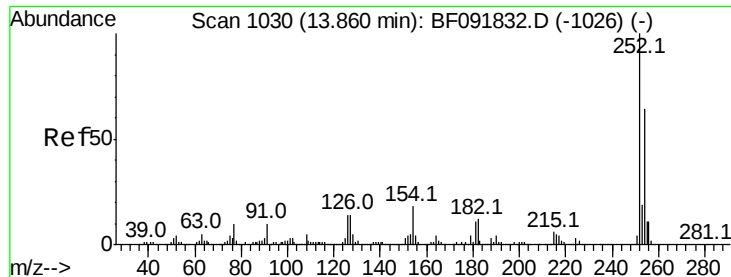
mohammad
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#80
Benzo(a)anthracene
Concen: 50.55 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.4	33.6
229	20.7	16.2	24.4





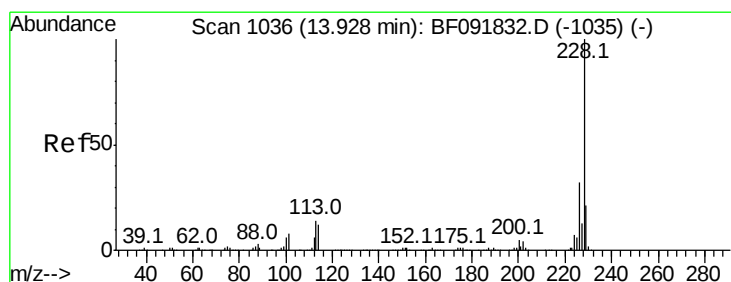
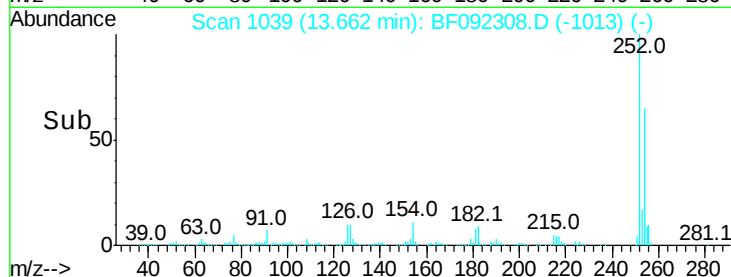
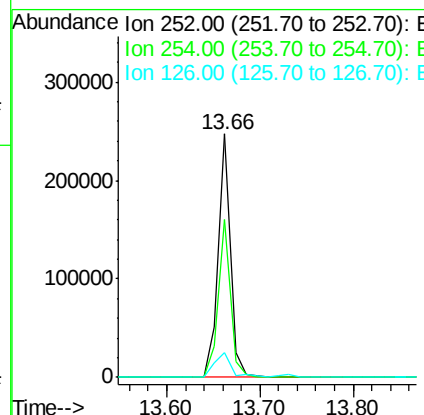
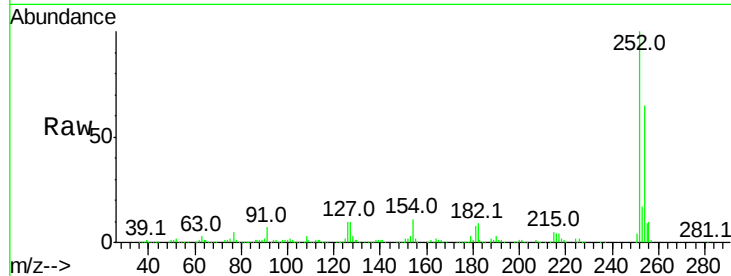
#81
 3,3'-Dichlorobenzidine
 Concen: 29.42 ng
 RT: 13.66 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF092308.D
 Acq: 17 Jan 2017 4:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	227061		
254	65.1	52.3	78.5	
126	10.3	13.6	20.4	

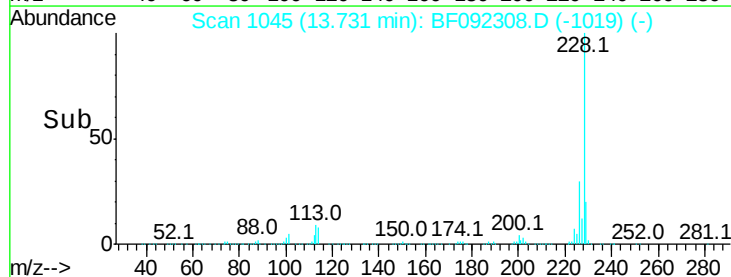
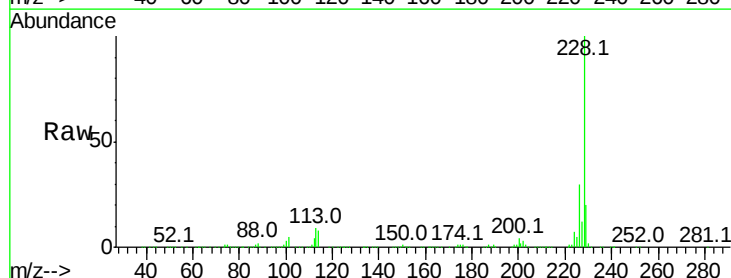
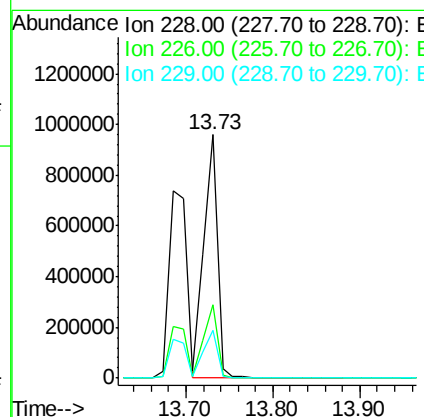
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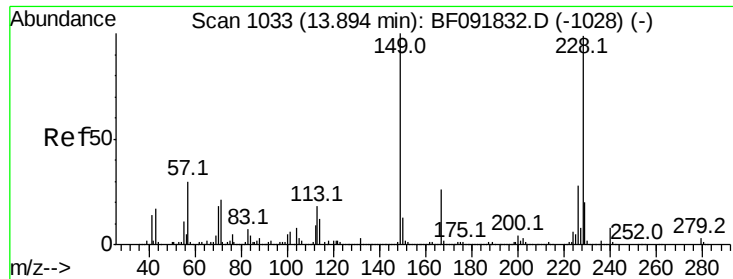
mohammad
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#82
 Chrysene
 Concen: 50.54 ng
 RT: 13.73 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF092308.D
 Acq: 17 Jan 2017 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1031871		
226	30.2	25.4	38.0	
229	19.7	16.2	24.2	





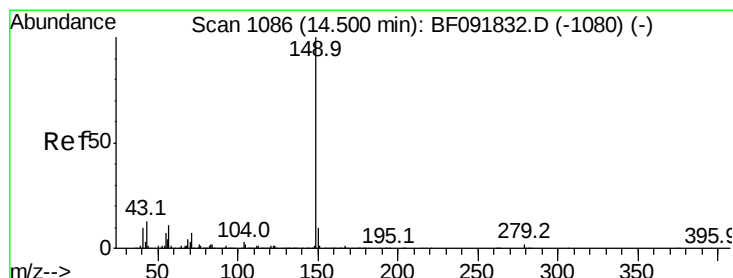
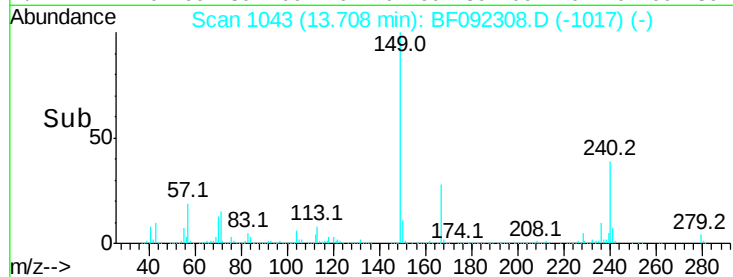
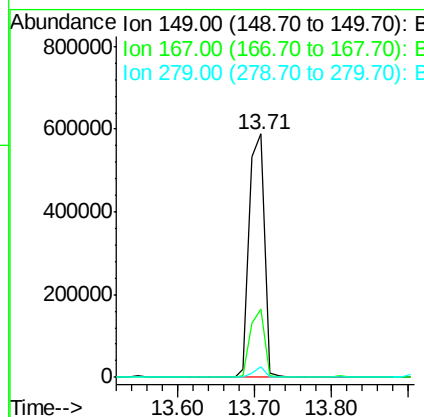
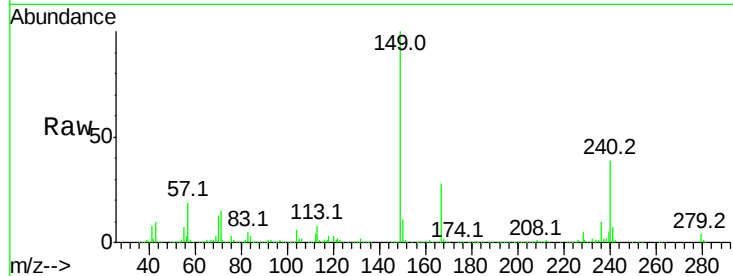
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.15 ng
 RT: 13.71 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF092308.D
 Acq: 17 Jan 2017 4:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	28.1	20.2	30.4
279	4.2	1.8	2.8

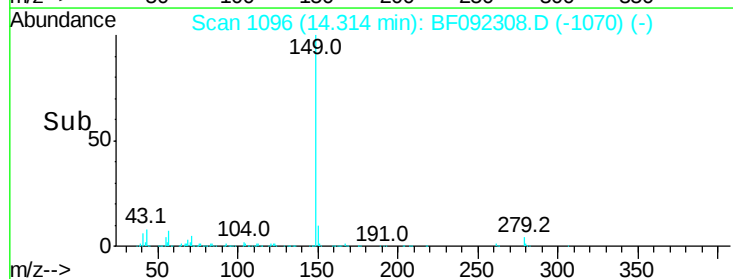
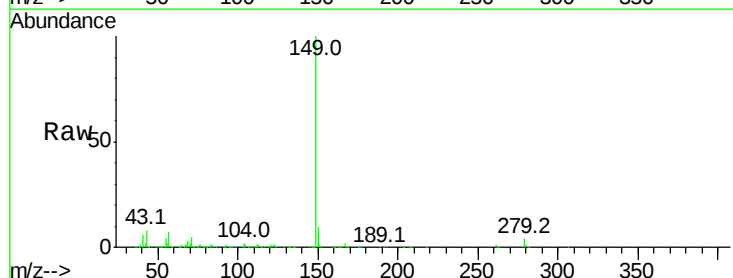
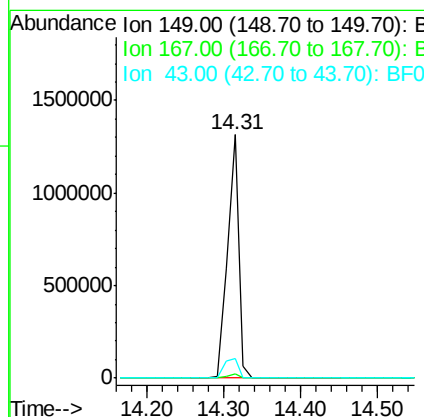
Manual Integrations
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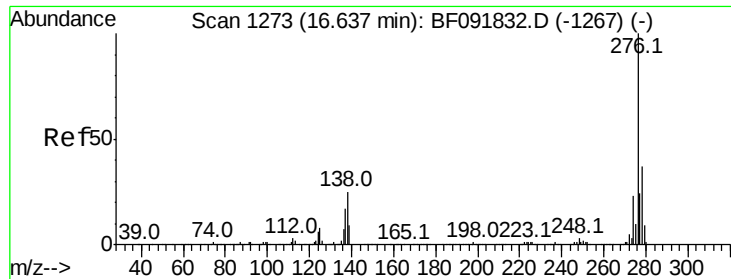
mohammad
 1/17/2017 4:58:09 PM



#84
 Di-n-octyl phthalate
 Concen: 52.13 ng
 RT: 14.31 min Scan# 1096
 Delta R.T. -0.00 min
 Lab File: BF092308.D
 Acq: 17 Jan 2017 4:13

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.1	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 74.93 ng

RT: 16.28 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Instrument :

BNA_F

ClientSampleId :

PB96013BS

Tot Ion:276 Resp: 1325377

Ion Ratio Lower Upper

276 100

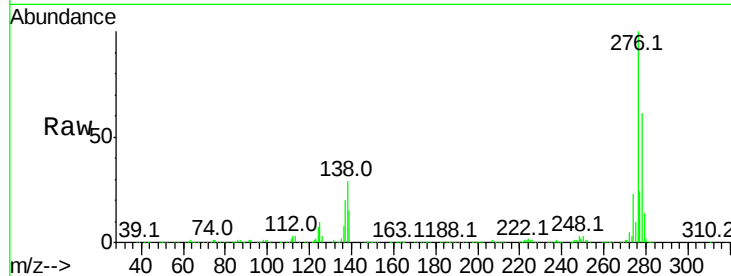
138 29.5 21.8 32.6

277 24.9 20.2 30.4

Manual Integrations
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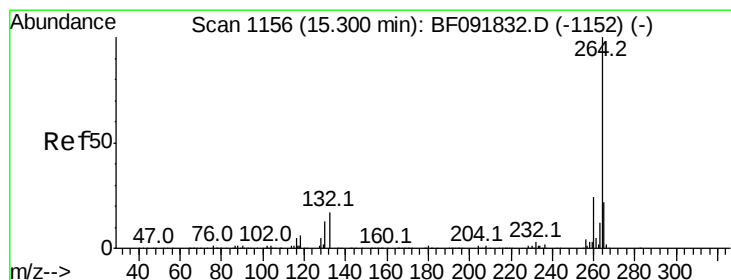
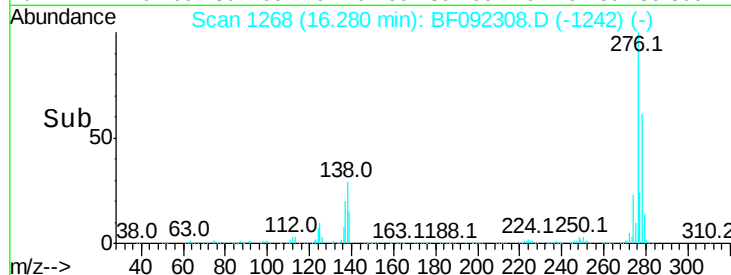
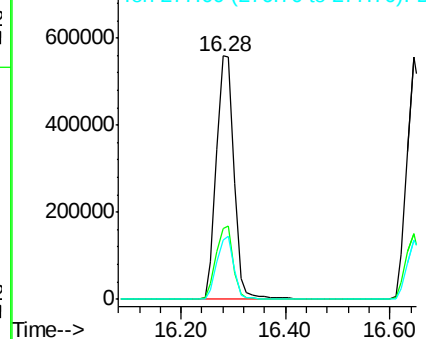
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.06 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

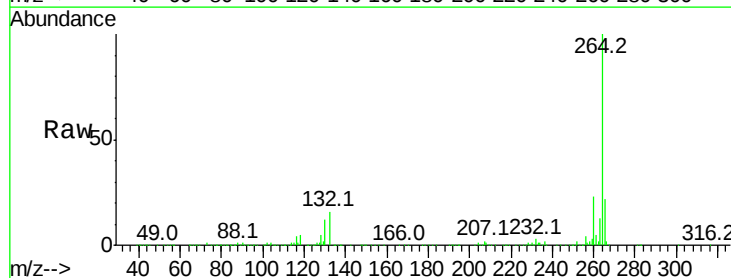
Tgt Ion:264 Resp: 476464

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

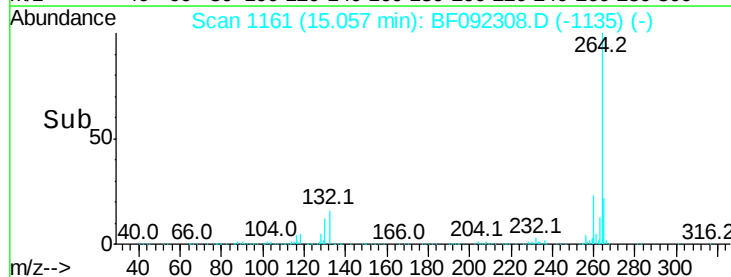
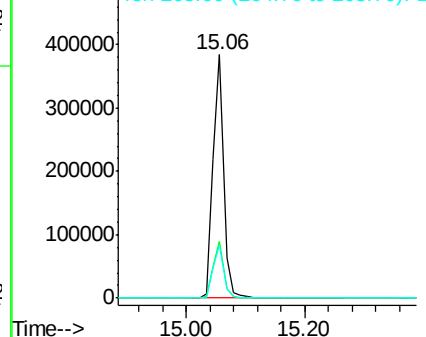
265 21.7 17.4 26.0

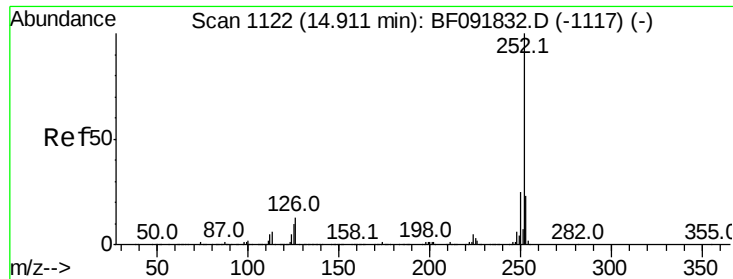


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.26 ng m

RT: 14.69 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

Instrument :

BNA_F

ClientSampleId :

PB96013BS

Tot Ion:252 Resp: 1075604

Ion Ratio Lower Upper

252 100

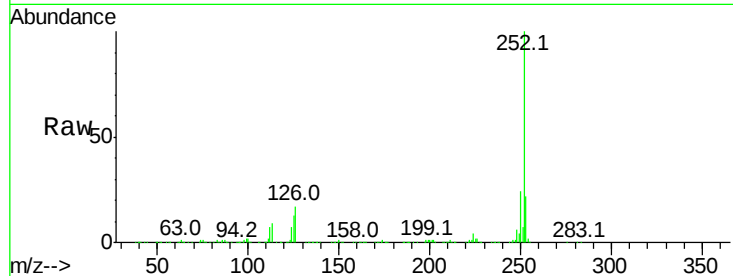
253 22.5 18.2 27.4

125 13.2 9.8 14.6

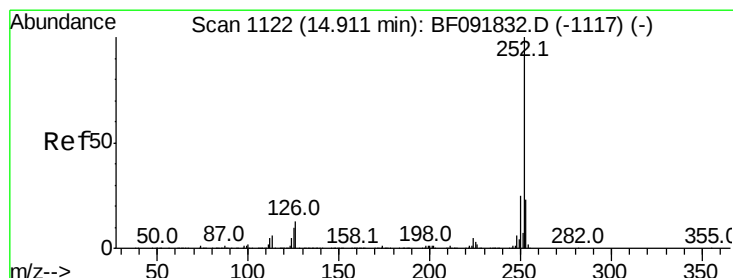
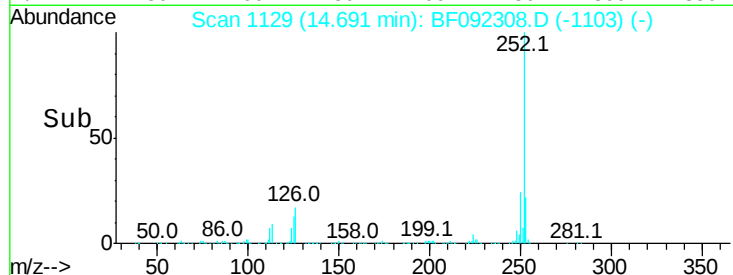
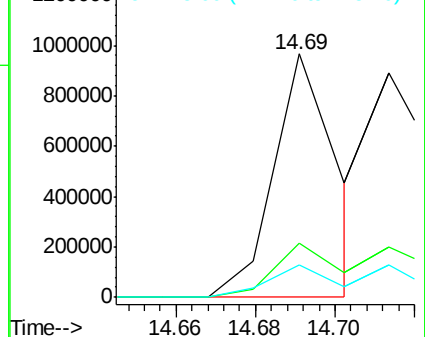
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.34 ng m

RT: 14.71 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BF092308.D

Acq: 17 Jan 2017 4:13

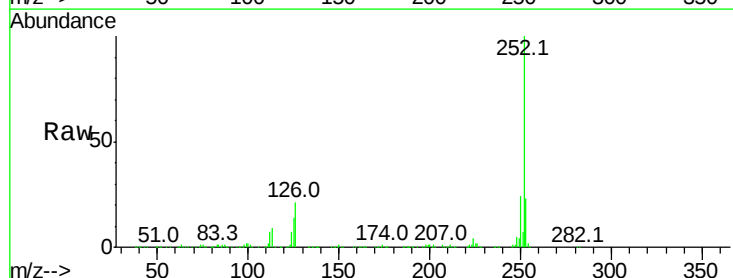
Tgt Ion:252 Resp: 1020432

Ion Ratio Lower Upper

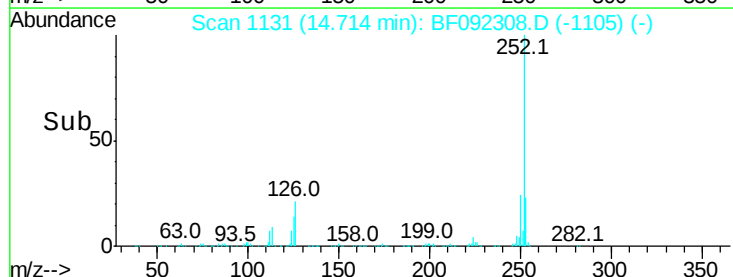
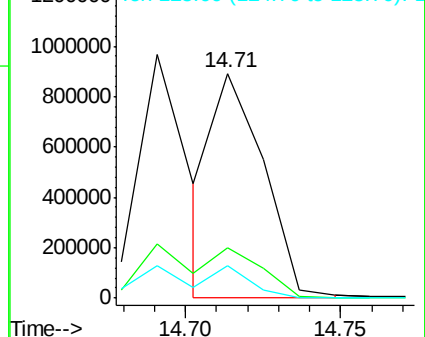
252 100

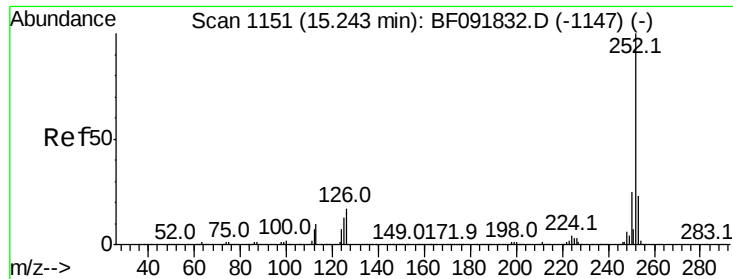
253 22.6 18.5 27.7

125 14.3 8.9 13.3#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





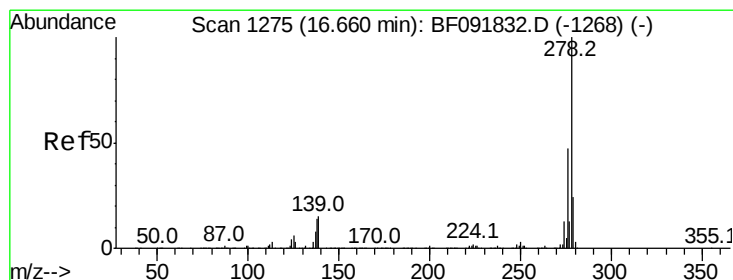
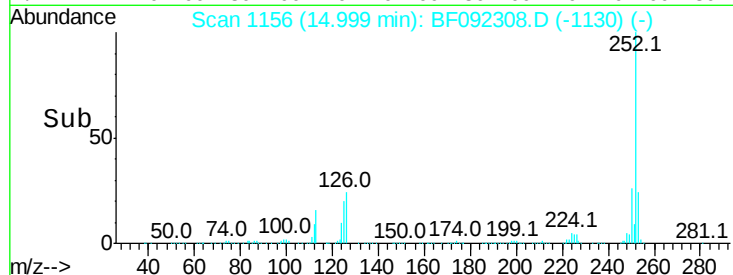
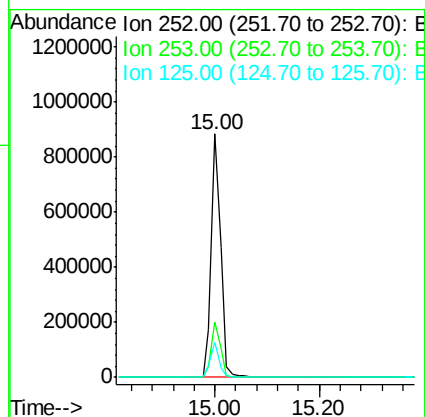
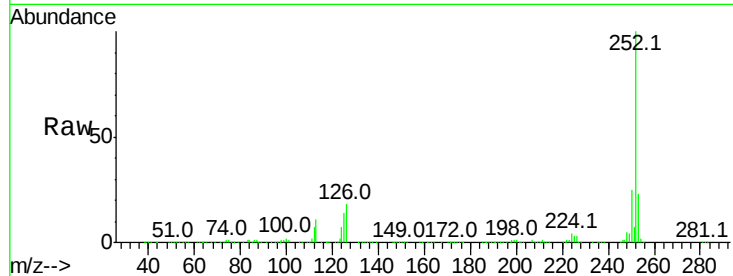
#89
Benzo(a)pyrene
Concen: 41.78 ng
RT: 15.00 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Instrument :
BNA_F
ClientSampleId :
PB96013BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	14.4	10.0	15.0

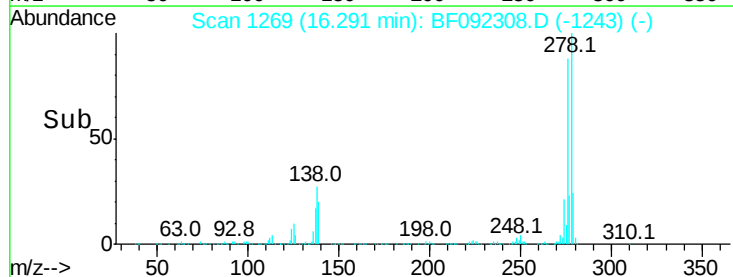
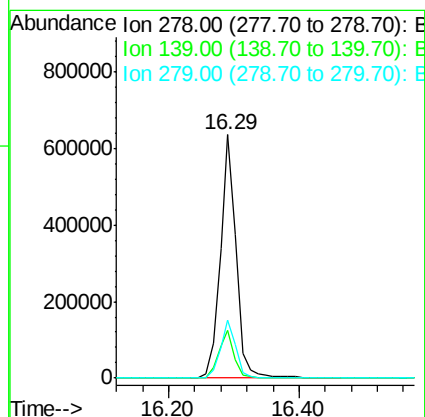
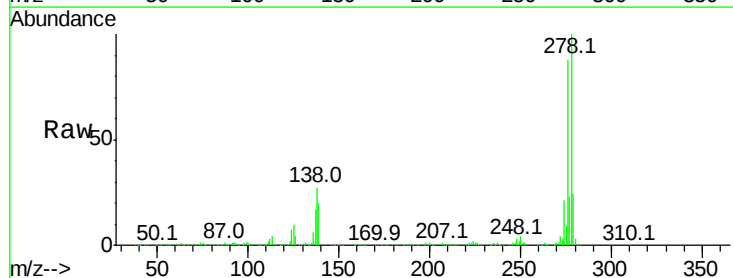
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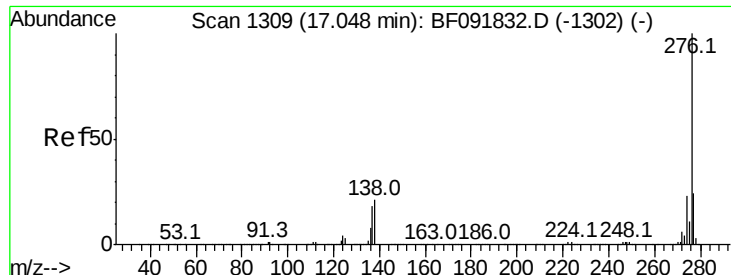
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 50.30 ng
RT: 16.29 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF092308.D
Acq: 17 Jan 2017 4:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	14.8	22.2
279	24.1	19.8	29.6





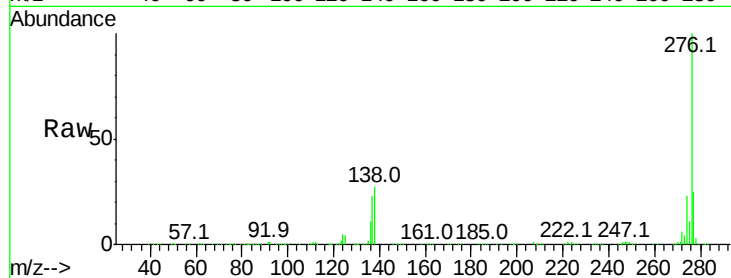
#91
 Benzo(a,h,i)perylene
 Concen: 52.31 ng
 RT: 16.65 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF092308.D
 Acq: 17 Jan 2017 4:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	27.2	16.0	24.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

