

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092316.D
 Acq On : 17 Jan 2017 7:56
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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 1/17/2017 4:58:30 PM

Quant Time: Jan 17 11:34:02 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 11:09:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	196360	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	802255	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	407270	20.00	ng	0.00
63) Phenanthrene-d10	11.08	188	735990	20.00	ng	0.01
75) Chrysene-d12	13.70	240	397122	20.00	ng	0.00
86) Perylene-d12	15.06	264	517843	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	955035	81.21	ng	0.00
7) Phenol-d6	6.23	99	1065991	74.24	ng	0.00
23) Nitrobenzene-d5	7.15	82	1076171	74.59	ng	0.01
41) 2,4,6-Tribromophenol	10.39	330	249921	74.15	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	1535044	75.84	ng	0.00
78) Terphenyl-d14	12.66	244	1368879	83.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	242937	41.96	ng	99
3) Pyridine	2.58	79	603912	29.89	ng	95
4) n-Nitrosodimethylamine	2.53	42	264490	34.70	ng	99
6) Aniline	6.22	93	641490	34.40	ng	# 48
8) 2-Chlorophenol	6.36	128	513877	38.42	ng	88
9) Benzaldehyde	6.11	77	328239	40.09	ng	98
10) Phenol	6.24	94	668959	40.89	ng	# 74
11) bis(2-Chloroethyl)ether	6.31	93	529305	40.66	ng	96
12) 1,3-Dichlorobenzene	6.50	146	536513	37.57	ng	# 89
13) 1,4-Dichlorobenzene	6.58	146	536340	36.90	ng	98
14) 1,2-Dichlorobenzene	6.74	146	506458	40.16	ng	98
15) Benzyl Alcohol	6.72	79	403068	36.13	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.86	45	773339	39.89	ng	56
17) 2-Methylphenol	6.85	107	396220	36.83	ng	# 85
18) Hexachloroethane	7.07	117	202267	37.54	ng	# 84
19) n-Nitroso-di-n-propylamine	7.00	70	370675	38.81	ng	97
20) 3+4-Methylphenols	7.01	107	563822	43.94	ng	# 70
22) Acetophenone	6.99	105	733872	37.09	ng	# 94
24) Nitrobenzene	7.16	77	548990	35.73	ng	98
25) Isophorone	7.40	82	969802	36.43	ng	# 93
26) 2-Nitrophenol	7.48	139	293915	38.79	ng	89
27) 2,4-Dimethylphenol	7.54	122	441653	35.14	ng	99
28) bis(2-Chloroethoxy)methane	7.62	93	558823	34.62	ng	97
29) 2,4-Dichlorophenol	7.73	162	427222	40.14	ng	91
30) 1,2,4-Trichlorobenzene	7.80	180	429955	36.87	ng	96
31) Naphthalene	7.88	128	1472051	40.09	ng	99
32) Benzoic acid	7.70	122	240761	25.83	ng	98
33) 4-Chloroaniline	7.94	127	567693	34.29	ng	99
34) Hexachlorobutadiene	7.99	225	228106	37.05	ng	99
35) Caprolactam	8.32	113	132716	37.95	ng	# 85
36) 4-Chloro-3-methylphenol	8.44	107	456522	37.28	ng	99
37) 2-Methylnaphthalene	8.56	142	899409	38.36	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	416587	40.49	ng	99
40) Hexachlorocyclopentadiene	8.71	237	114029	27.62	ng	95

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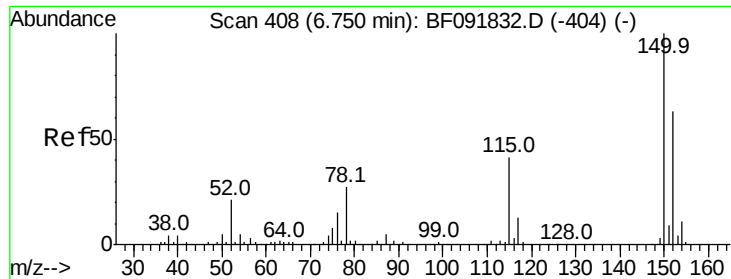
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	251859	35.00	nq	99
43) 2,4,5-Trichlorophenol	8.91	196	254482	34.36	nq #	89
45) 1,1'-Biphenyl	9.03	154	1196619	42.91	nq	99
46) 2-Chloronaphthalene	9.06	162	861525	39.01	nq	96
47) 2-Nitroaniline	9.16	65	284716	36.21	nq	98
48) Acenaphthylene	9.46	152	1243206	36.60	nq	98
49) Dimethylphthalate	9.34	163	964865	37.04	nq	99
50) 2,6-Dinitrotoluene	9.41	165	214787	37.67	nq #	72
51) Acenaphthene	9.63	154	813759	35.34	nq	99
52) 3-Nitroaniline	9.57	138	238483	33.80	nq	99
53) 2,4-Dinitrophenol	9.70	184	84748	26.71	nq #	87
54) Dibenzofuran	9.80	168	1060965	34.12	nq	98
55) 4-Nitrophenol	9.76	139	116037m	24.22	nq	
56) 2,4-Dinitrotoluene	9.81	165	278551	38.93	nq	97
57) Fluorene	10.14	166	800171	35.37	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	209704	35.80	nq	94
59) Diethylphthalate	10.04	149	1038054	41.03	nq	97
60) 4-Chlorophenyl-phenylether	10.14	204	387145	39.08	nq	93
61) 4-Nitroaniline	10.19	138	276549	37.82	nq	88
62) Azobenzene	10.30	77	1134129	40.72	nq	94
64) 4,6-Dinitro-2-methylphenol	10.22	198	142635	32.05	nq	88
65) n-Nitrosodiphenylamine	10.27	169	822319	37.65	nq	99
66) 4-Bromophenyl-phenylether	10.63	248	265174	34.64	nq #	73
67) Hexachlorobenzene	10.69	284	275733	33.69	nq #	90
68) Atrazine	10.79	200	233574	33.16	nq	97
69) Pentachlorophenol	10.90	266	123079	30.65	nq	98
70) Phenanthrene	11.10	178	1506646	37.75	nq	98
71) Anthracene	11.15	178	1376436	36.50	nq	98
72) Carbazole	11.31	167	1308876	36.85	nq	98
73) Di-n-butylphthalate	11.65	149	1625481	42.78	nq	99
74) Fluoranthene	12.28	202	1257239	35.06	nq	98
76) Benzidine	12.42	184	103103	6.84	nq	96
77) Pyrene	12.51	202	1282195	44.01	nq	99
79) Butylbenzylphthalate	13.14	149	571342	43.11	nq	95
80) Benzo(a)anthracene	13.69	228	943480	42.09	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	352931	41.52	nq #	96
82) Chrysene	13.73	228	1002412	44.58	nq	98
83) Bis(2-ethylhexyl)phthalate	13.71	149	728729	46.69	nq #	93
84) Di-n-octyl phthalate	14.31	149	1224954	42.37	nq	99
85) Indeno(1,2,3-cd)pyrene	16.29	276	1243846	63.85	nq	98
87) Benzo(b)fluoranthene	14.69	252	1006236m	31.21	nq	
88) Benzo(k)fluoranthene	14.71	252	973948m	35.43	nq	
89) Benzo(a)pyrene	15.00	252	1021104	35.68	nq	98
90) Dibenzo(a,h)anthracene	16.29	278	1051957	44.73	nq	97
91) Benzo(g,h,i)perylene	16.65	276	1118452	45.73	nq #	93

(#) = 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: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

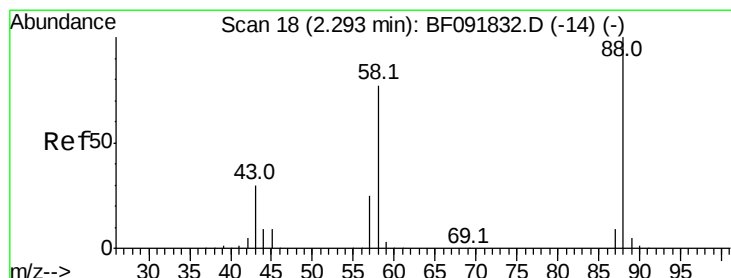
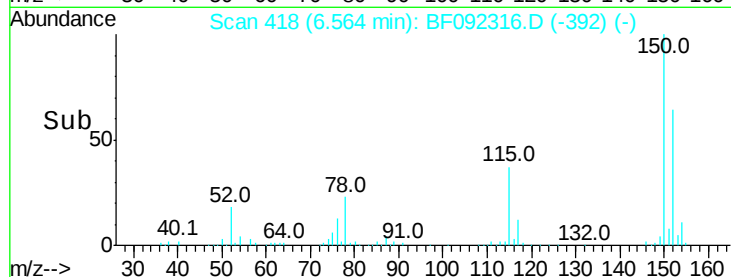
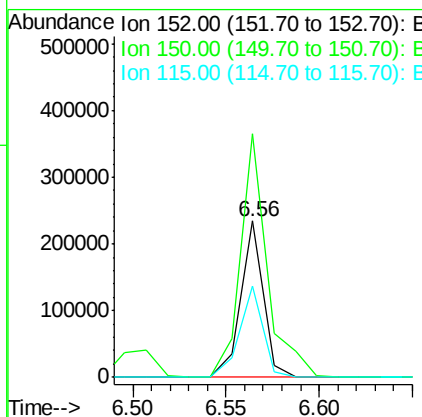
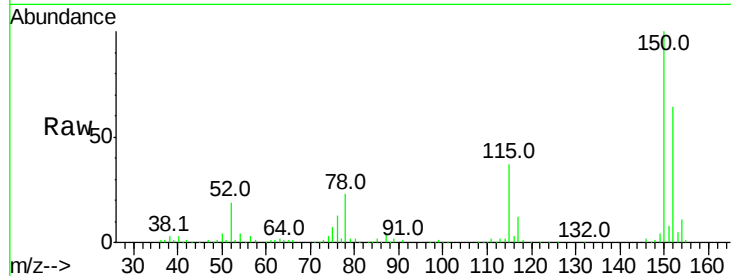
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	196360
Ion Ratio	Lower	Upper	
152	100		
150	156.1	124.9	187.3
115	58.4	46.0	69.0

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#2

1,4-Dioxane

Concen: 41.96 ng

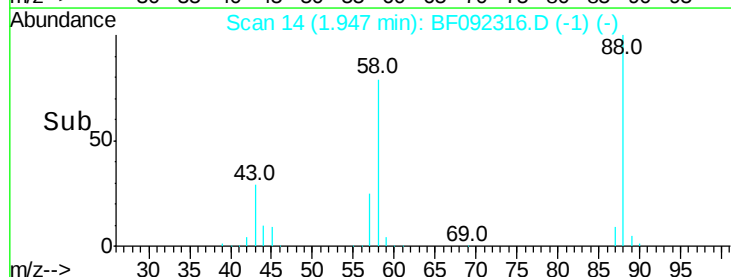
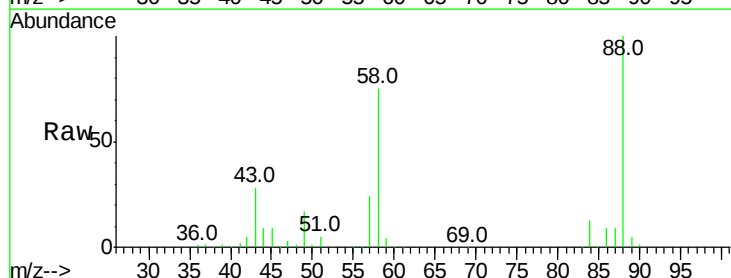
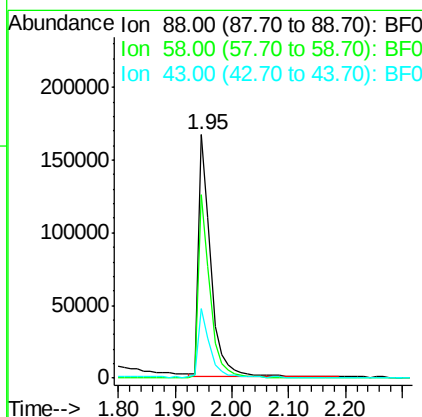
RT: 1.95 min Scan# 14

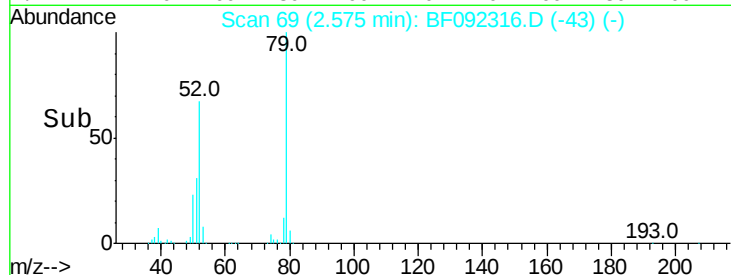
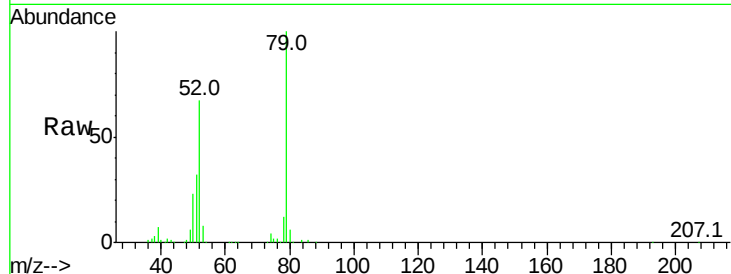
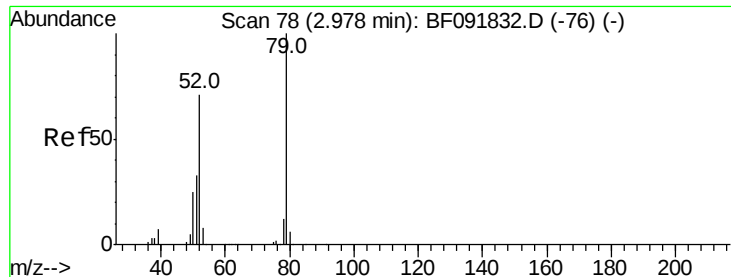
Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Tgt Ion:	88	Resp:	242937
Ion Ratio	Lower	Upper	
88	100		
58	71.6	57.8	86.8
43	26.2	22.3	33.5





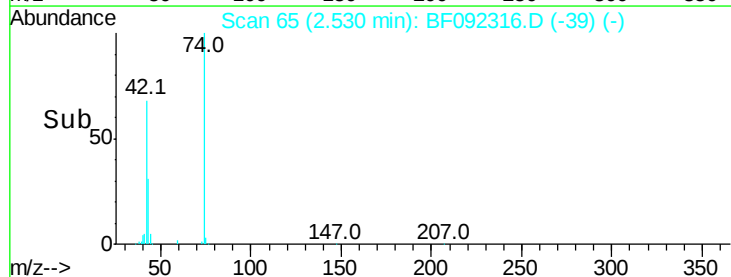
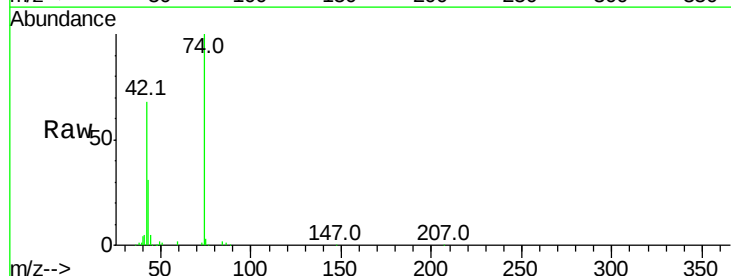
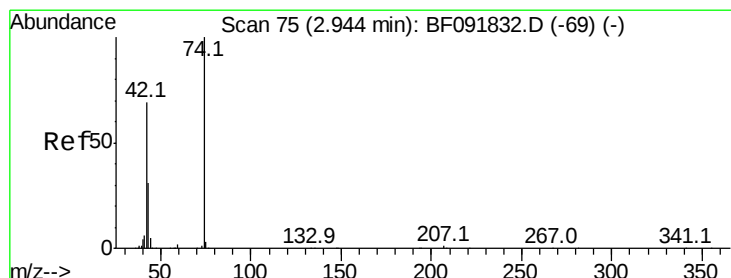
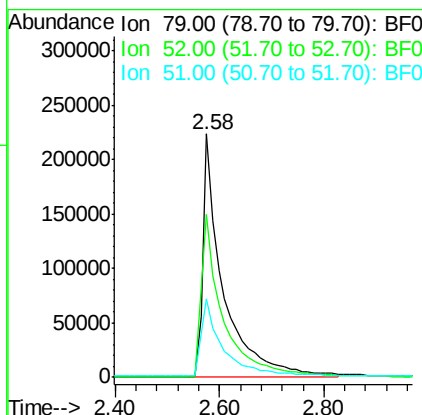
#3
Pvridine
Concen: 29.89 ng
RT: 2.58 min Scan# 69
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.0	57.1	85.7
51	32.0	27.3	40.9

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BNA_F
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SSTDCCC040EC

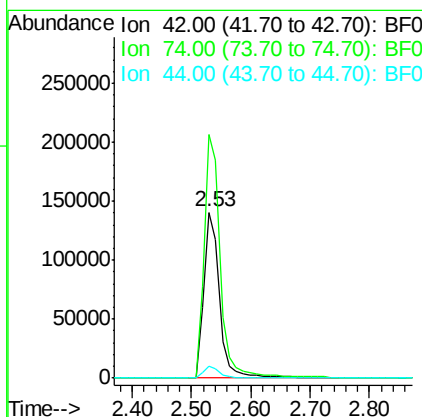
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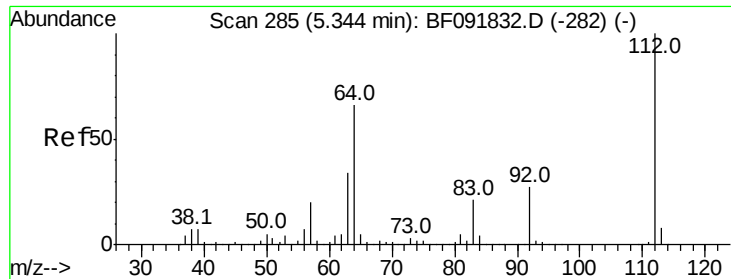
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#4
n-Nitrosodimethylamine
Concen: 34.70 ng
RT: 2.53 min Scan# 65
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	146.8	117.0	175.4
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 81.21 ng

RT: 5.15 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

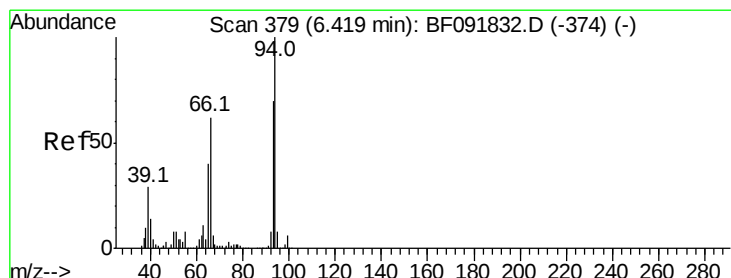
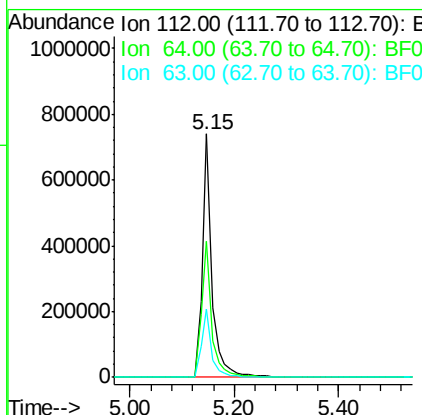
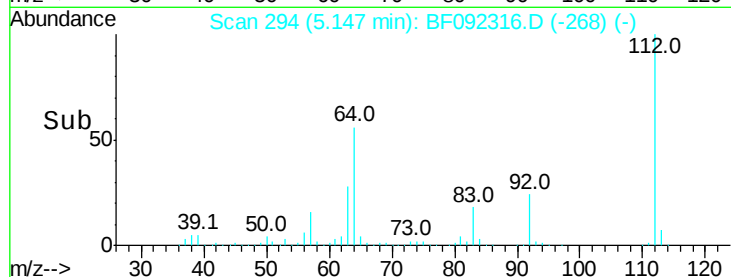
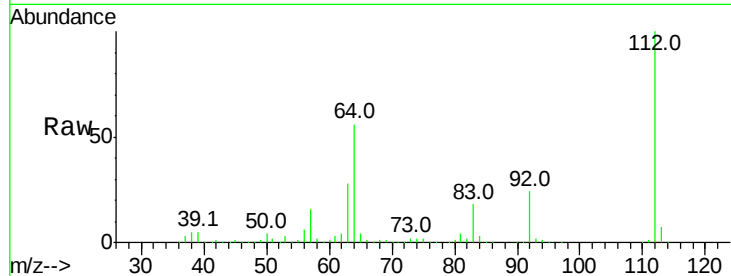
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	955035
Ion Ratio	Lower	Upper	
112	100		
64	56.1	46.1	69.1
63	27.9	23.8	35.6

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#6

Aniline

Concen: 34.40 ng

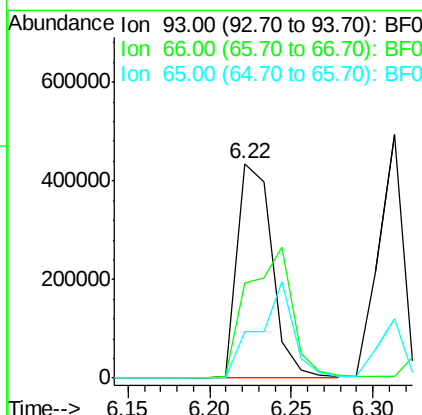
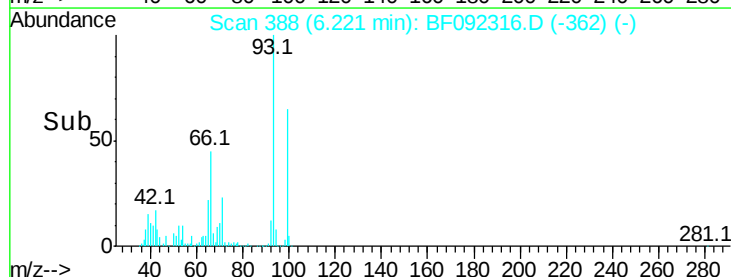
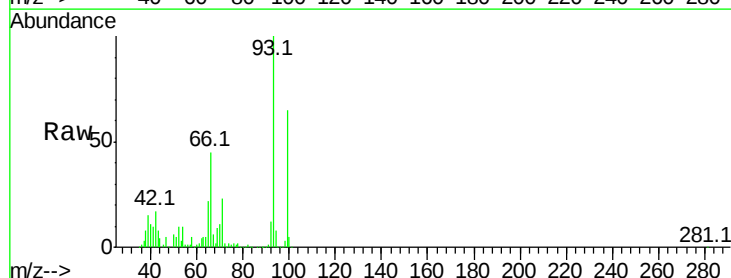
RT: 6.22 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Tgt Ion:	93	Resp:	641490
Ion Ratio	Lower	Upper	
93	100		
66	44.6	76.2	114.2#
65	21.5	49.3	73.9#





#7

Phenol-d6

Concen: 74.24 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1065991

Ion Ratio Lower Upper

99 100

42 18.7 15.6 23.4

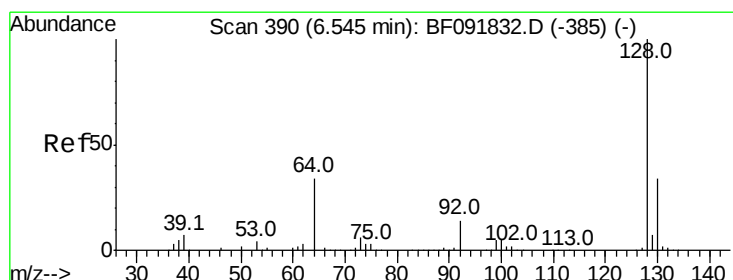
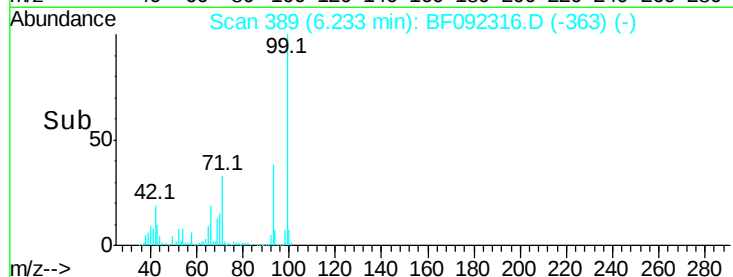
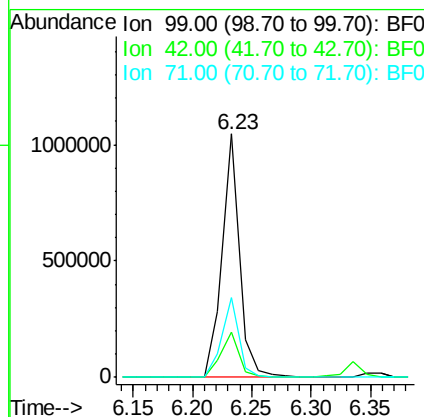
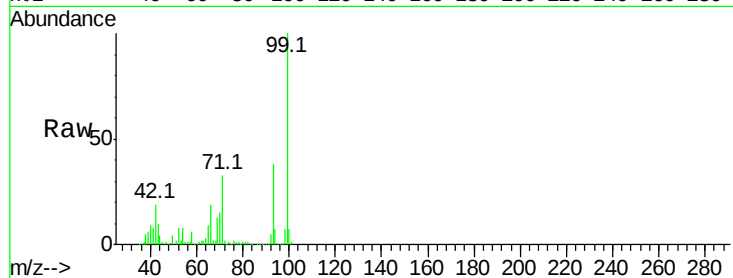
71 32.6 27.5 41.3

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#8

2-Chlorophenol

Concen: 38.42 ng

RT: 6.36 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

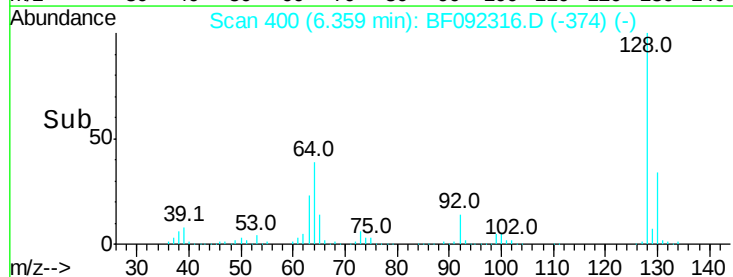
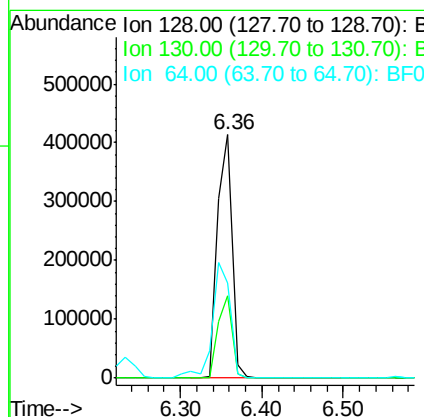
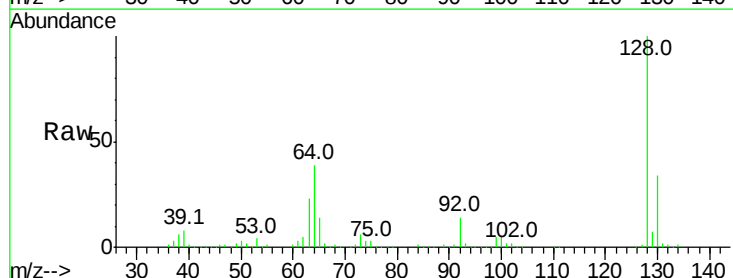
Tgt Ion: 128 Resp: 513877

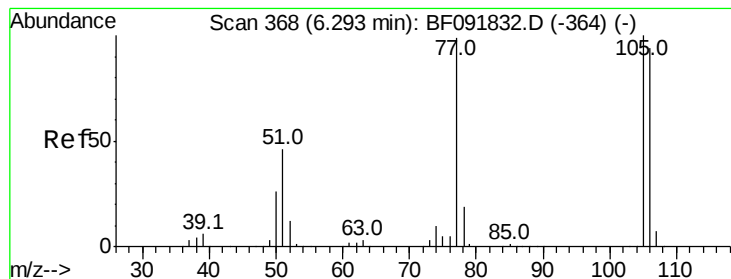
Ion Ratio Lower Upper

128 100

130 33.7 12.3 52.3

64 39.3 32.2 72.2





#9

Benzaldehyde

Concen: 40.09 ng

RT: 6.11 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 328239

Ion Ratio Lower Upper

77 100

105 100.7 83.9 123.9

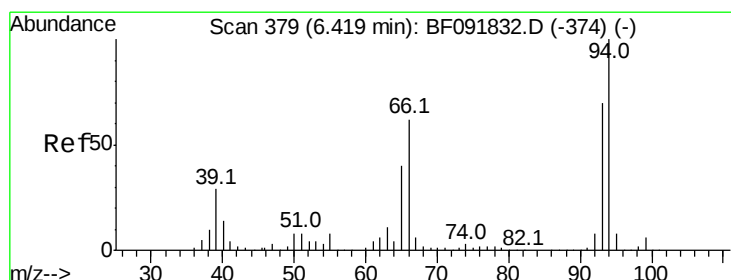
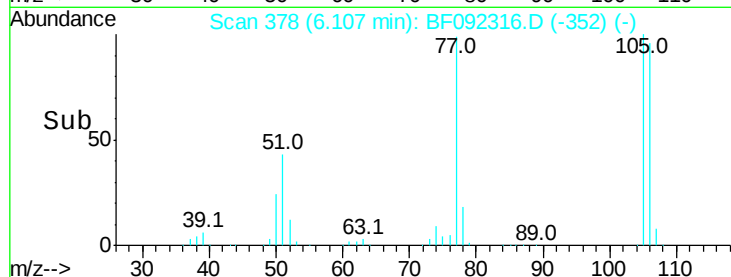
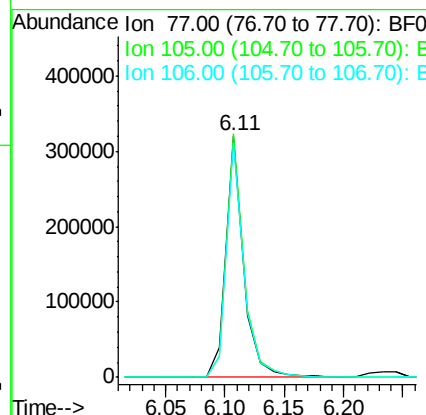
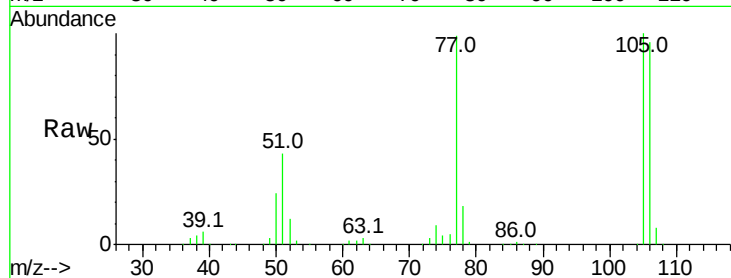
106 96.9 77.6 117.6

Manual Integrations

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#10

Phenol

Concen: 40.89 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

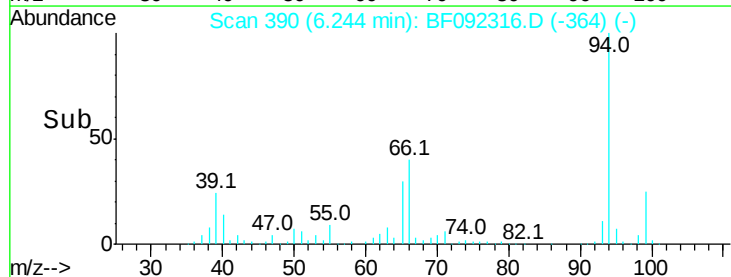
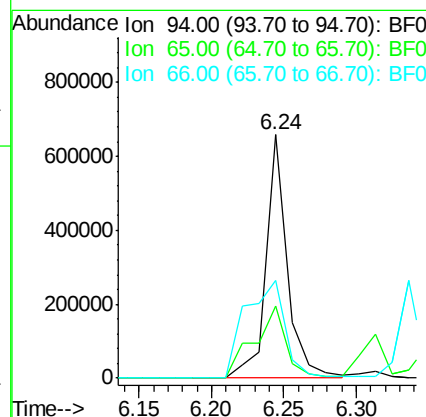
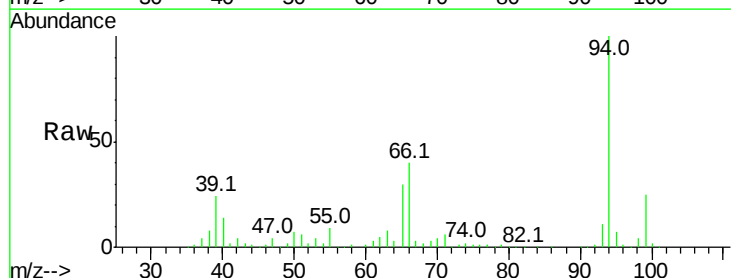
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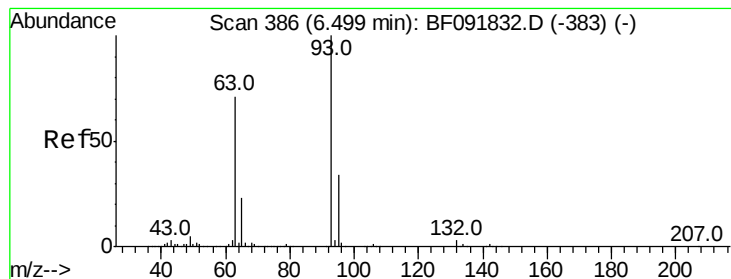
Ion Ratio Lower Upper

94 100

65 29.9 21.4 61.4

66 40.2 44.0 84.0#





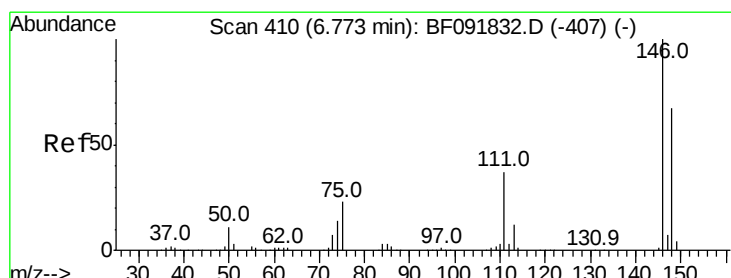
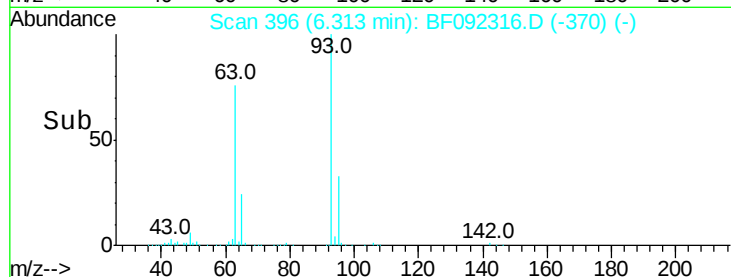
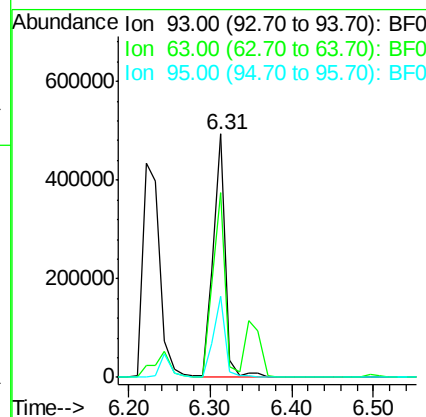
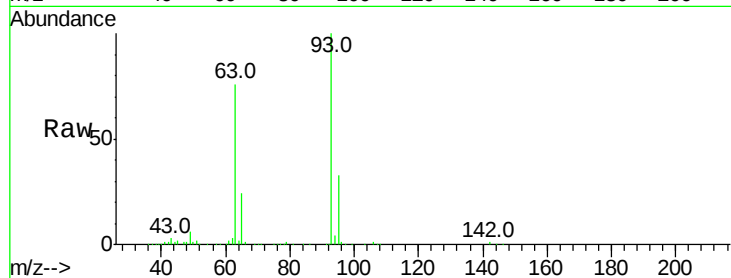
#11
bis(2-Chloroethyl)ether
Concen: 40.66 ng
RT: 6.31 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
93	100	529305		
63	75.9	60.4	100.4	
95	33.1	12.8	52.8	

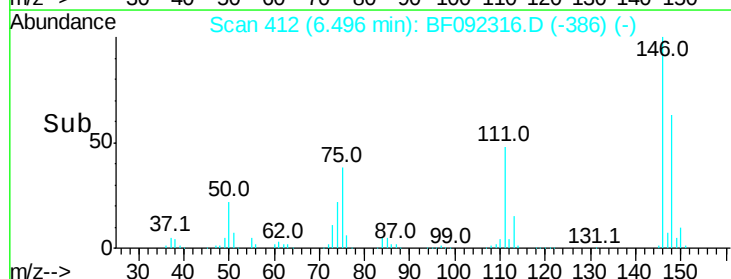
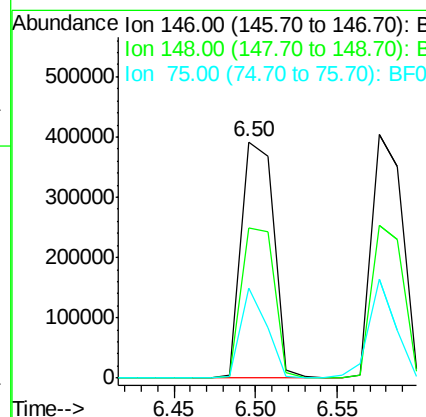
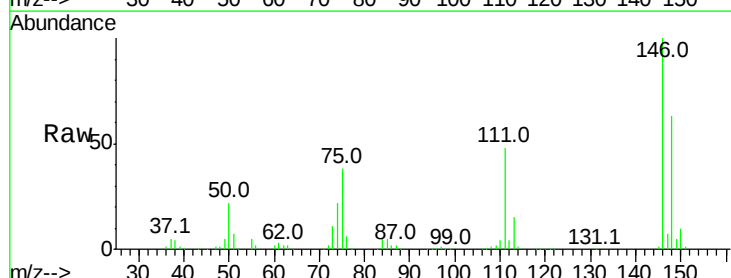
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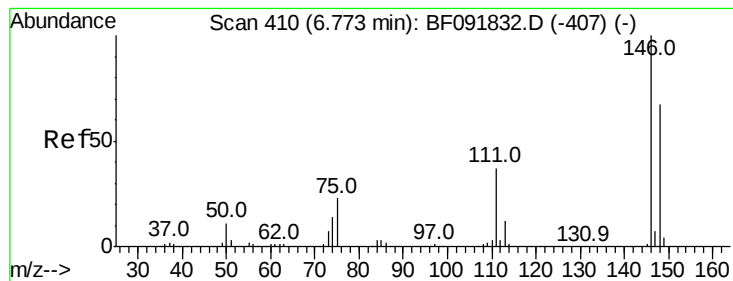
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.57 ng
RT: 6.50 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	536513		
148	63.3	53.4	80.0	
75	38.1	18.5	27.7	





#13

1,4-Dichlorobenzene

Concen: 36.90 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

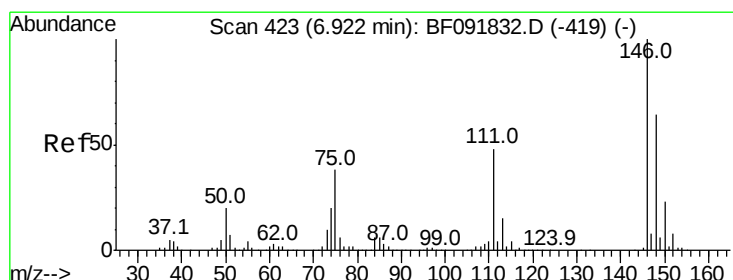
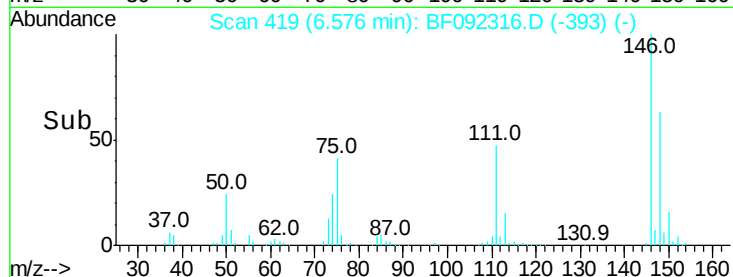
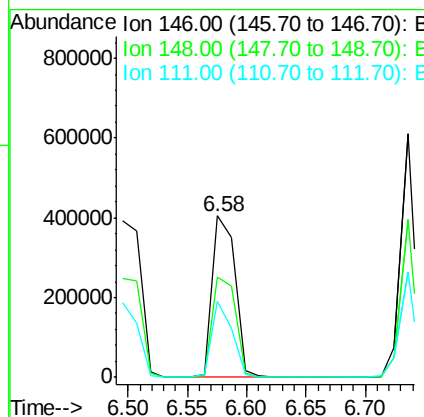
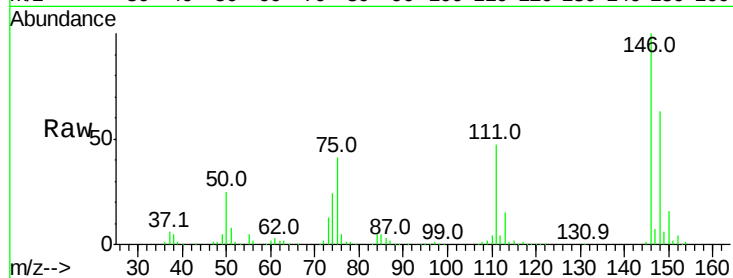
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	536340
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.6	76.0
111	47.3	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.16 ng

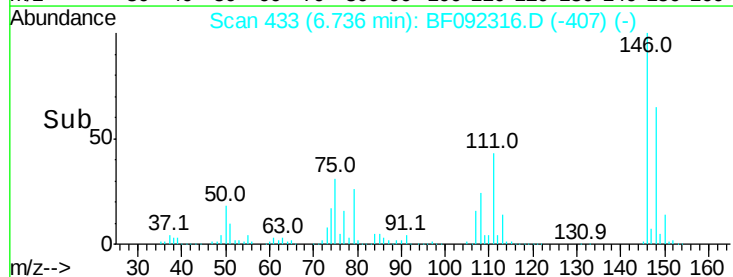
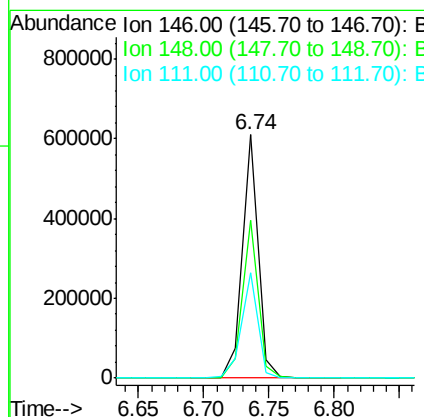
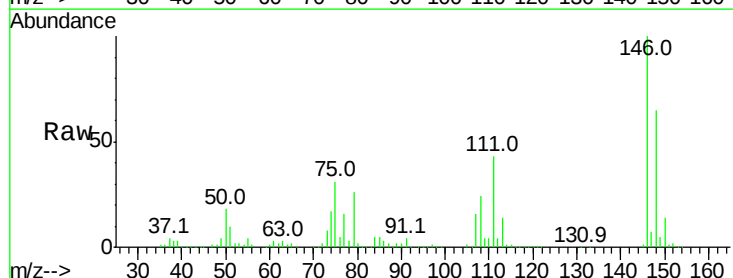
RT: 6.74 min Scan# 433

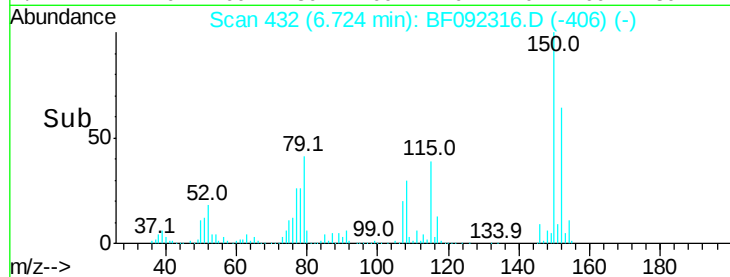
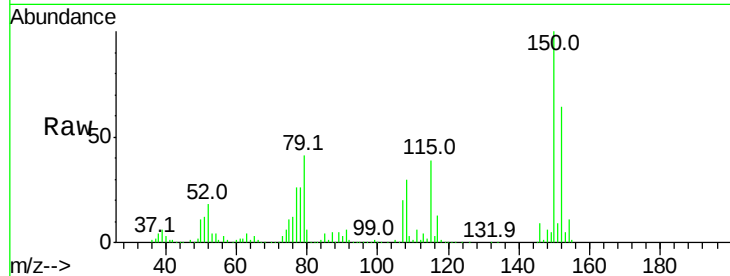
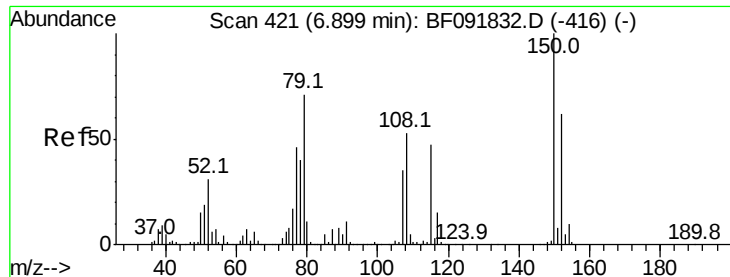
Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Tgt Ion:	146	Resp:	506458
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.2	78.2
111	43.4	36.2	54.2





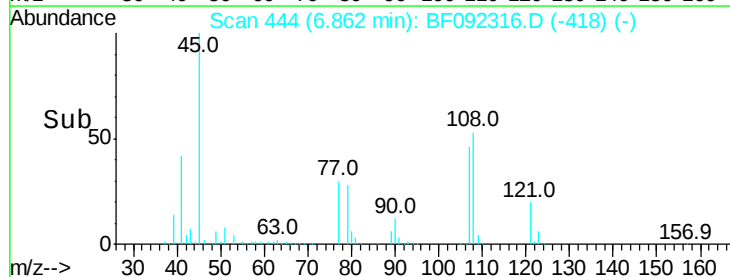
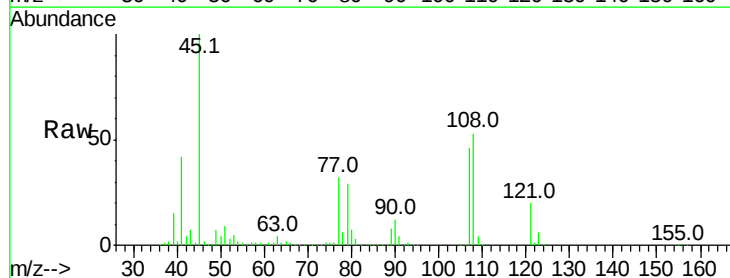
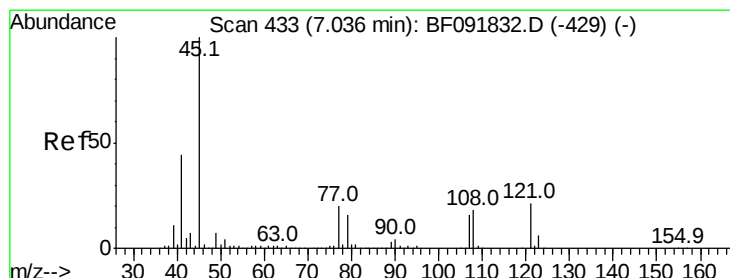
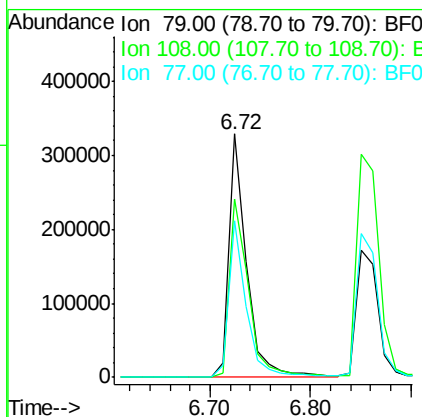
#15
Benzyl Alcohol
Concen: 36.13 ng
RT: 6.72 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	73.2	61.4	92.0	
77	64.4	50.9	76.3	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

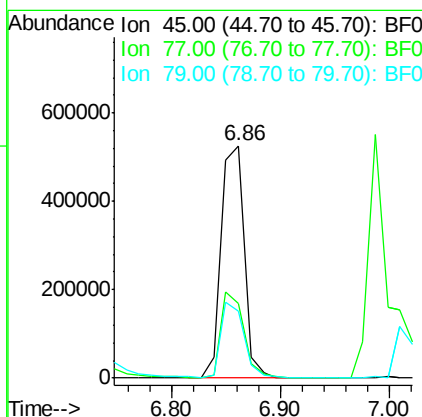
Manual Integrations
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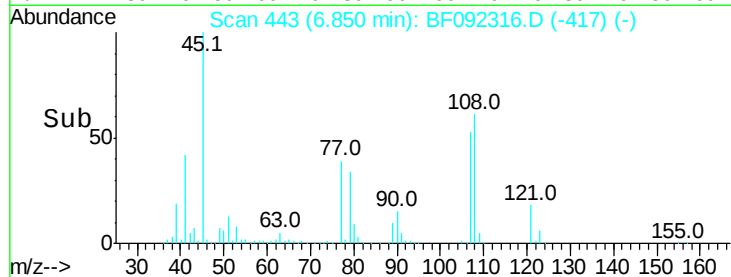
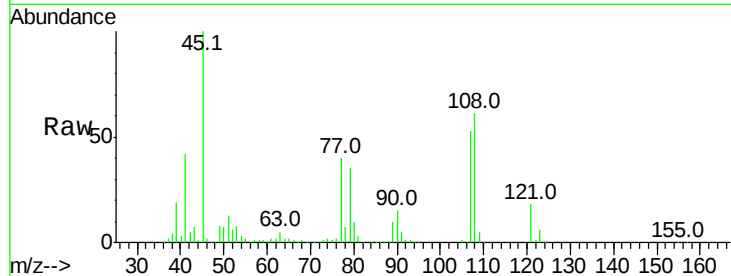
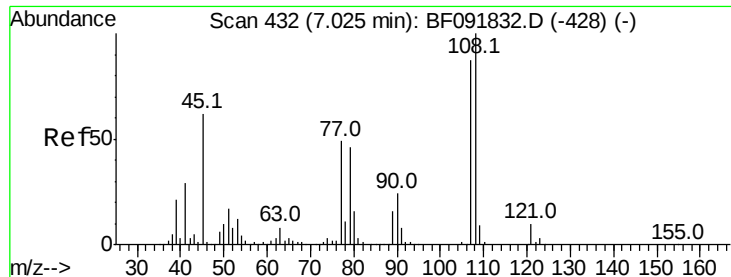
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.89 ng
RT: 6.86 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	32.1	0.0	34.6	
79	29.0	0.0	31.2	





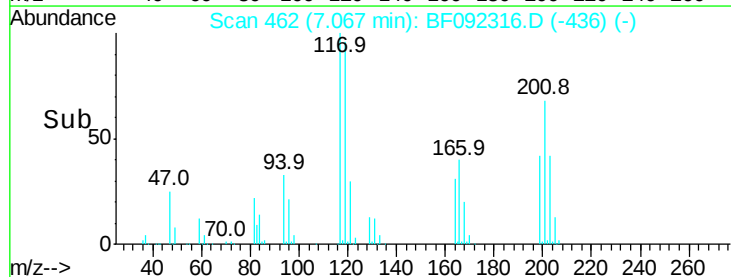
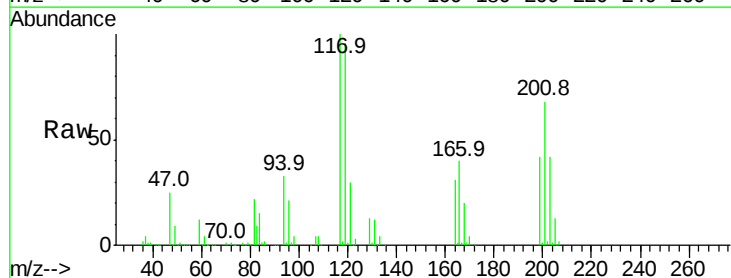
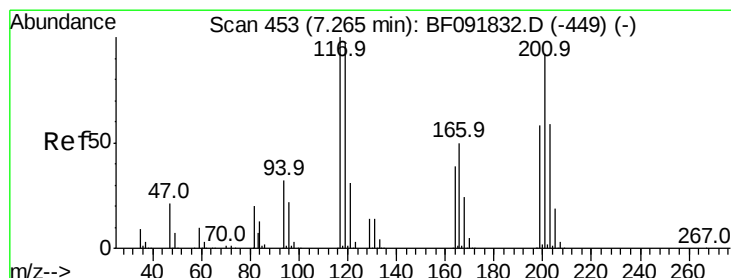
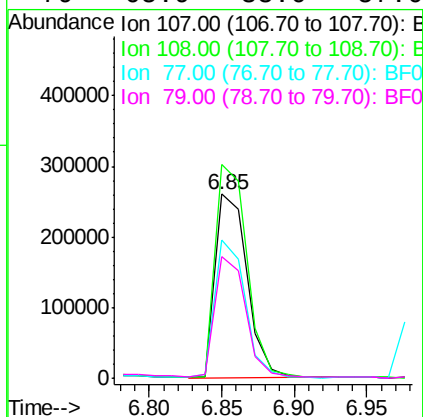
#17
2-Methylphenol
Concen: 36.83 ng
RT: 6.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.1	93.0	139.6	
77	74.8	39.8	59.8	
79	65.9	38.0	57.0	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

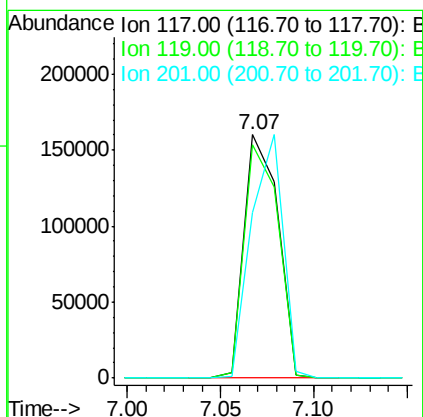
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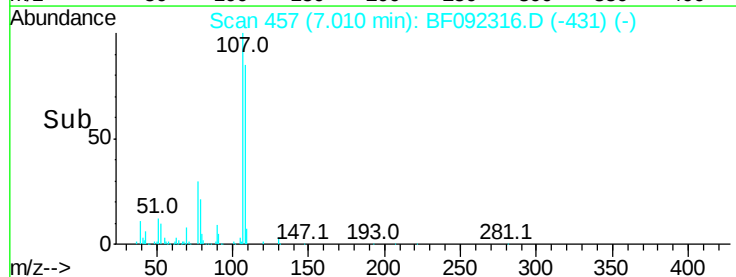
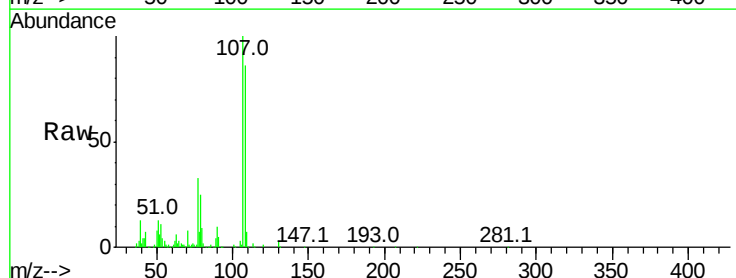
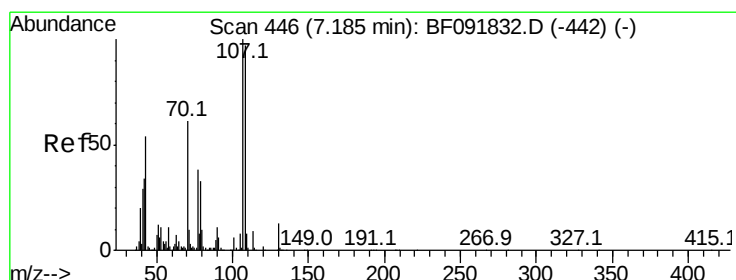
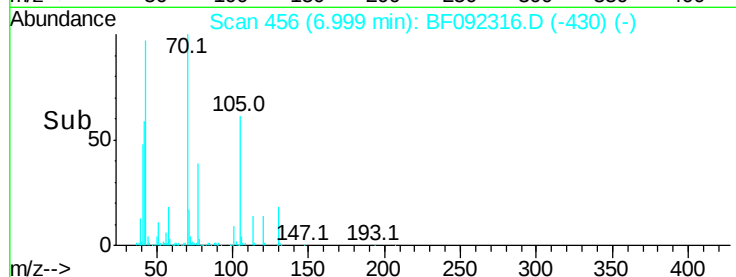
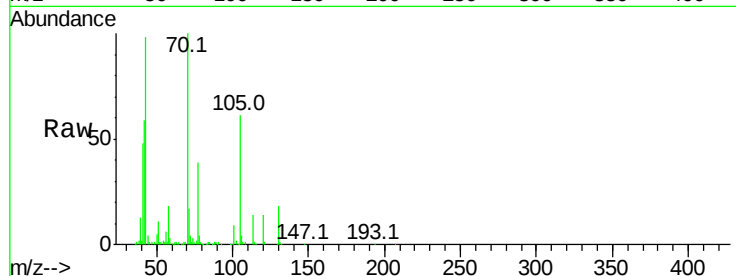
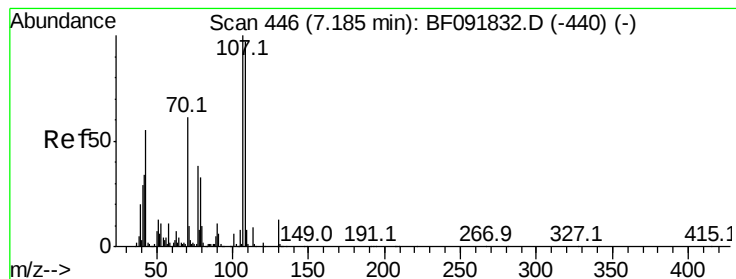
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#18
Hexachloroethane
Concen: 37.54 ng
RT: 7.07 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	78.1	117.1	
201	68.0	78.6	117.8	





#19

n-Nitroso-di-n-propylamine

Concen: 38.81 ng

RT: 7.00 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 370675

Ion Ratio Lower Upper

70 100

42 59.2 49.4 74.0

101 8.5 7.4 11.2

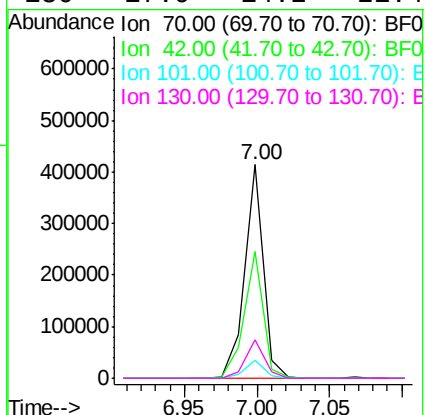
130 17.9 14.2 21.4

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#20

3+4-Methylphenols

Concen: 43.94 ng

RT: 7.01 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Tgt Ion: 107 Resp: 563822

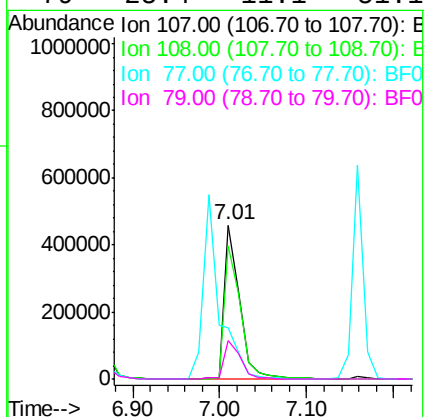
Ion Ratio Lower Upper

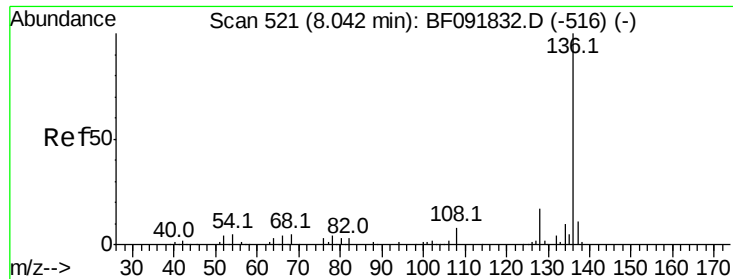
107 100

108 86.3 73.0 113.0

77 33.4 71.3 111.3#

79 25.4 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: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

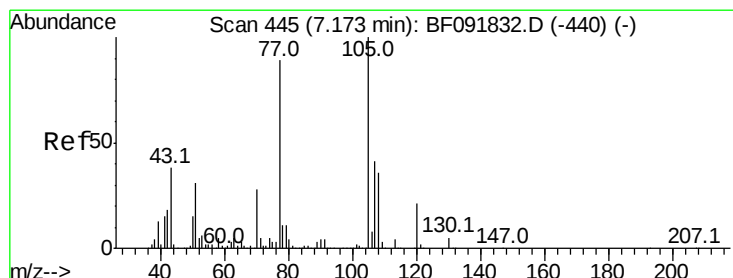
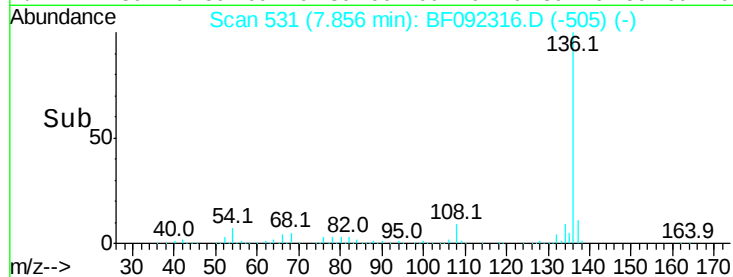
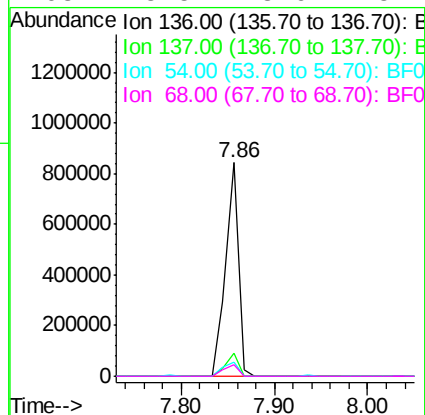
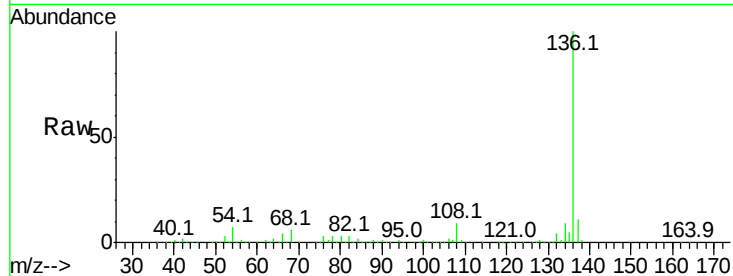
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	802255		
137	10.7		8.4	12.6
54	6.7		4.5	6.7
68	5.5		3.6	5.4#

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#22

Acetophenone

Concen: 37.09 ng

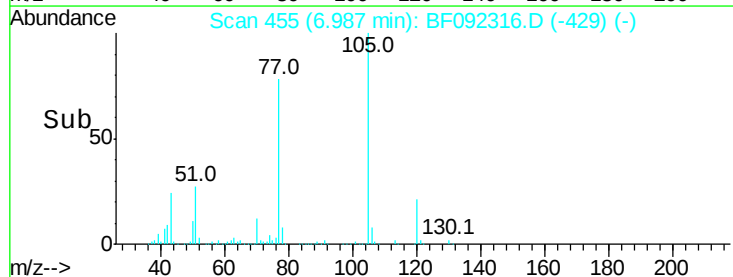
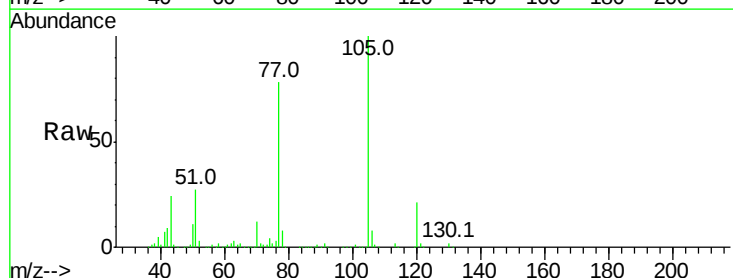
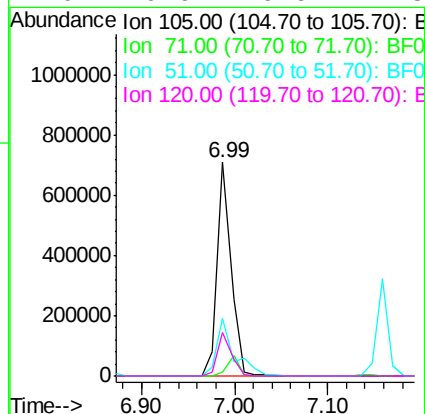
RT: 6.99 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	733872		
71	2.0		3.2	4.8#
51	26.9		26.2	39.4
120	20.6		16.6	24.8





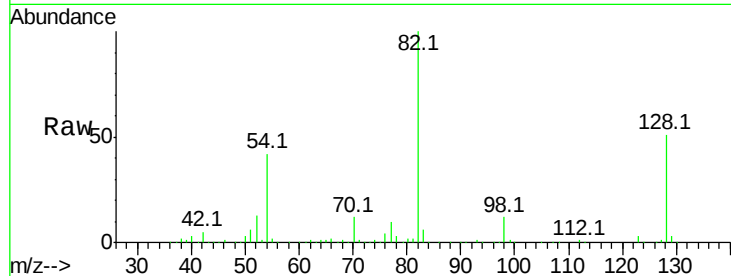
#23
 Nitrobenzene-d5
 Concen: 74.59 ng
 RT: 7.15 min Scan# 469
 Delta R.T. 0.01 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

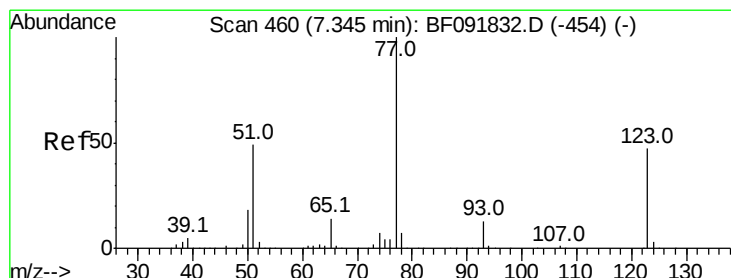
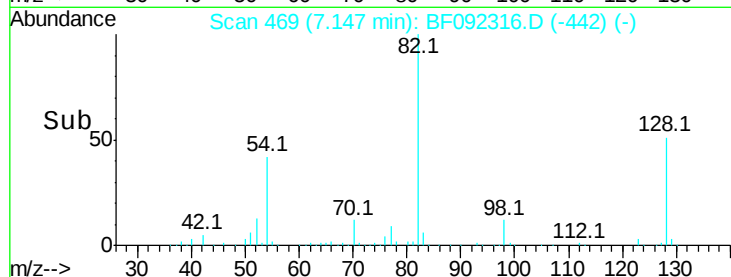
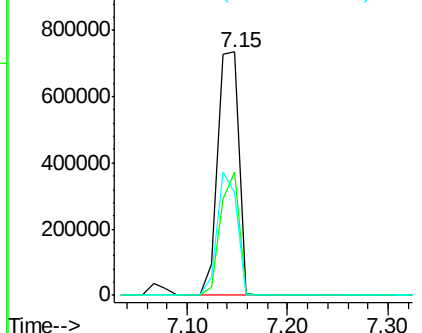
Tot Ion	Ratio	Lower	Upper
82	100		
128	50.9	34.6	52.0
54	42.5	39.5	59.3

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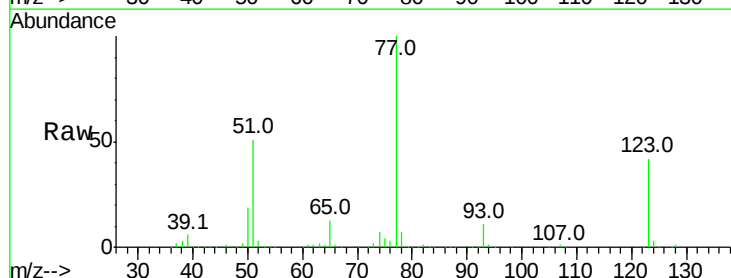


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

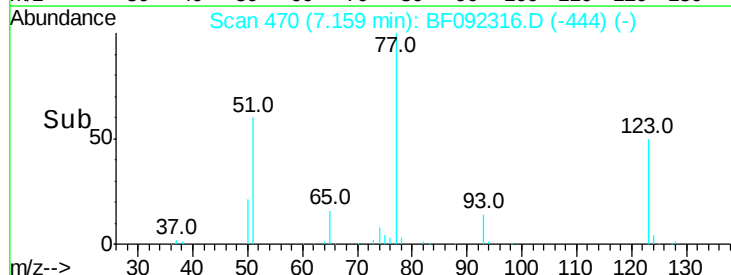
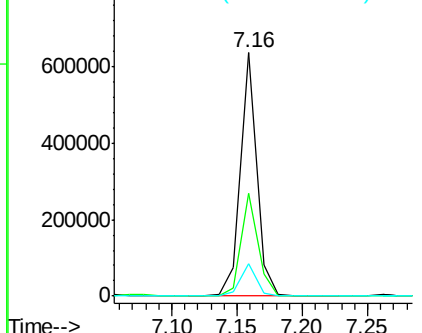


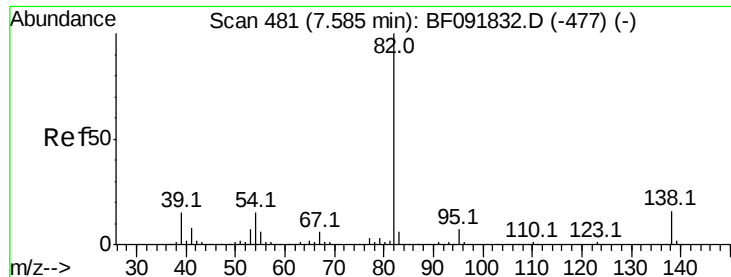
#24
 Nitrobenzene
 Concen: 35.73 ng
 RT: 7.16 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.1	33.0	49.4
65	13.3	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





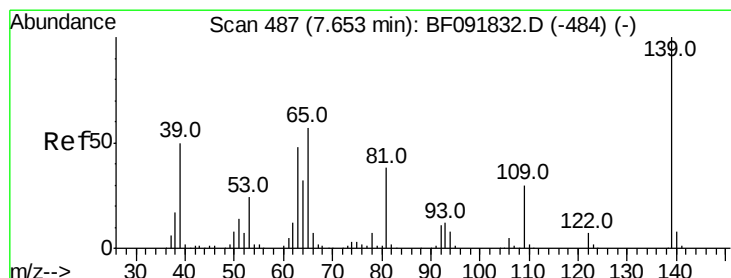
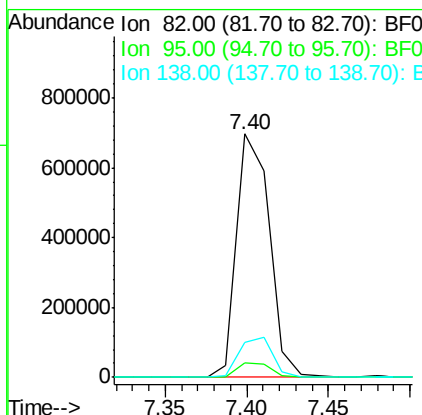
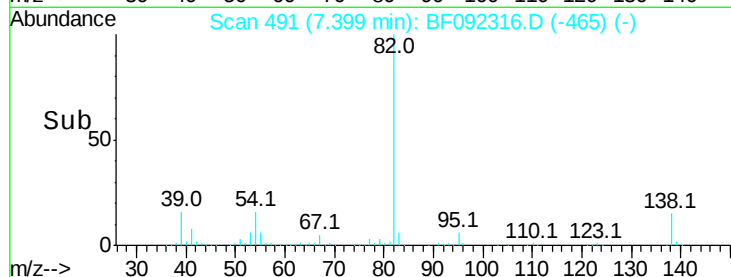
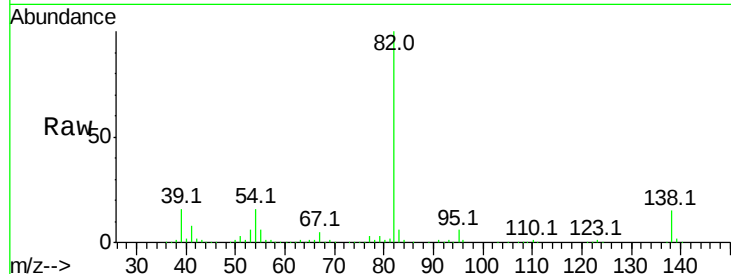
#25
Isophorone
Concen: 36.43 ng
RT: 7.40 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.2	5.6	8.4	
138	14.6	14.6	22.0	

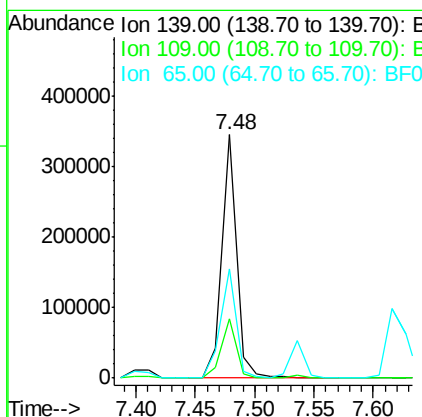
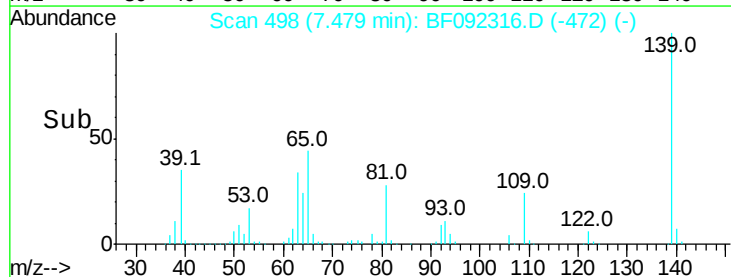
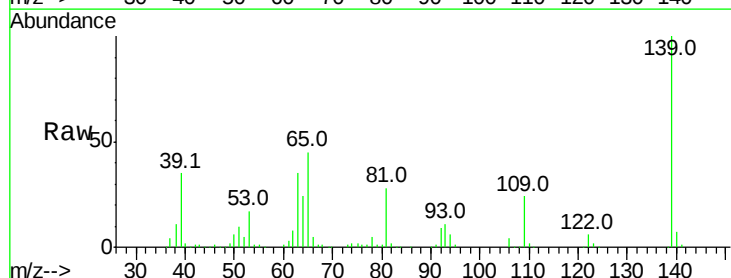
Manual Integrations
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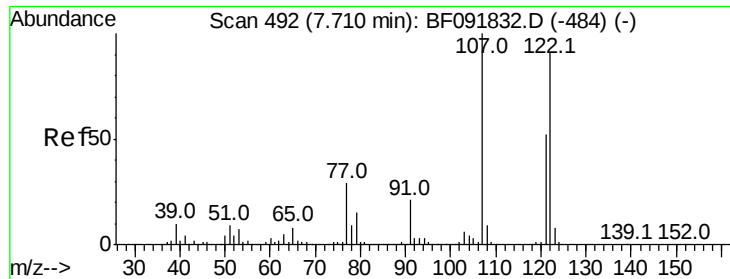
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#26
2-Nitrophenol
Concen: 38.79 ng
RT: 7.48 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	24.3	23.3	34.9	
65	44.6	42.7	64.1	





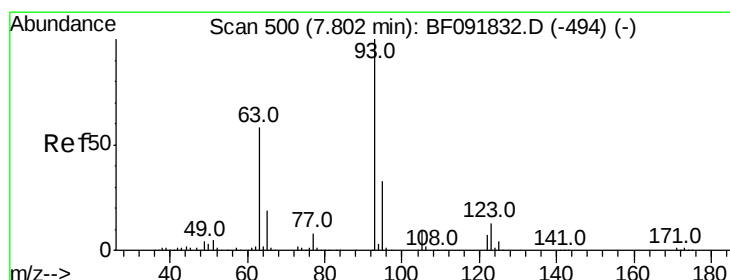
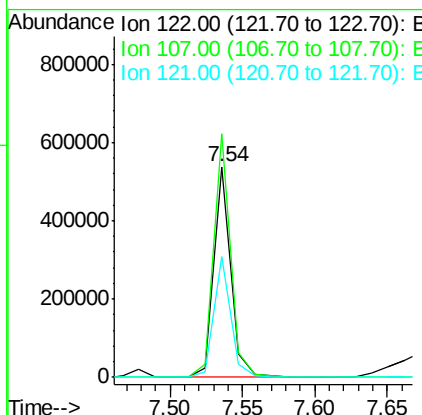
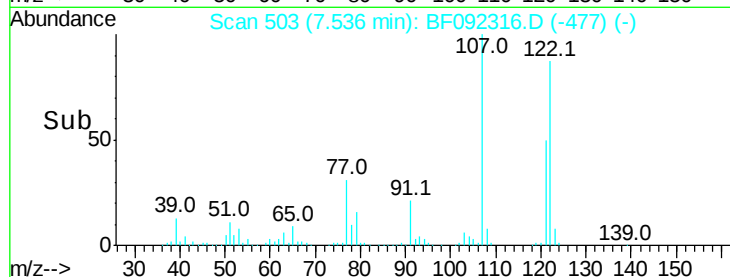
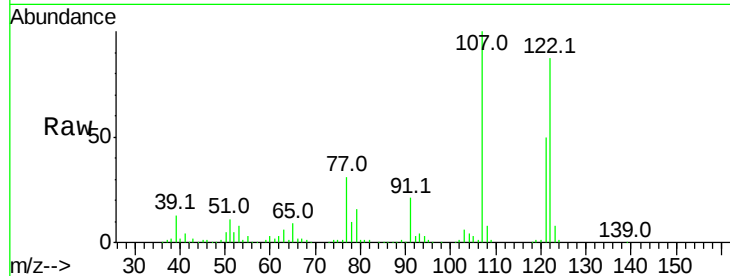
#27
 2,4-Dimethylphenol
 Concen: 35.14 ng
 RT: 7.54 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.5	94.1	141.1
121	57.4	46.0	69.0

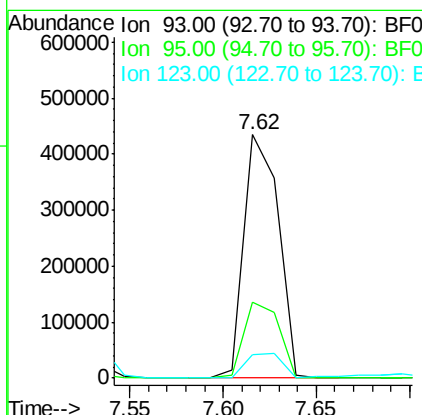
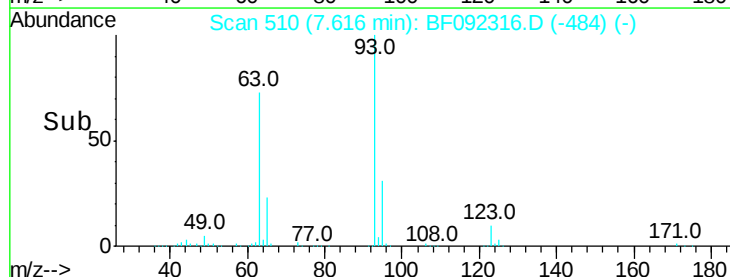
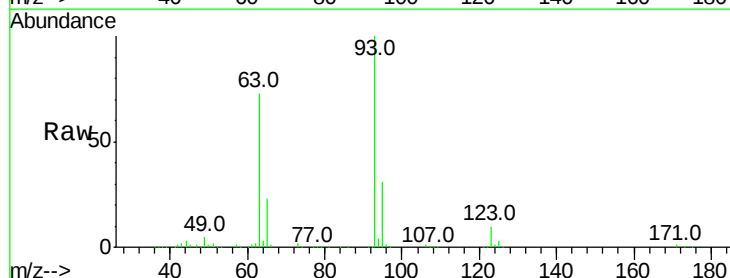
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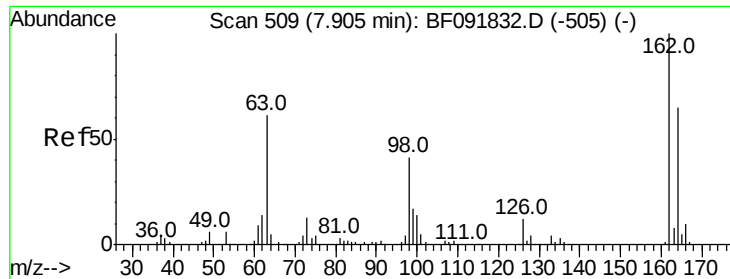
mohammad
 1/17/2017 4:58:30 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.62 ng
 RT: 7.62 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	26.5	39.7
123	9.7	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 40.14 ng

RT: 7.73 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

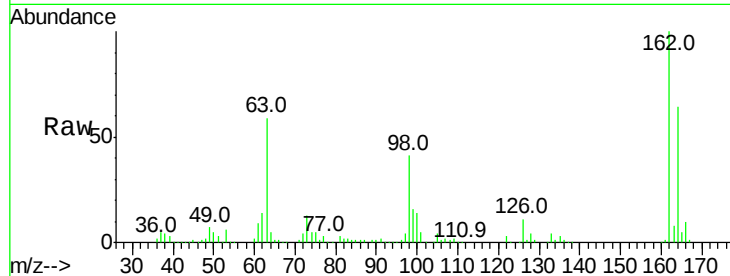
ClientSampleId :

SSTDCCC040EC

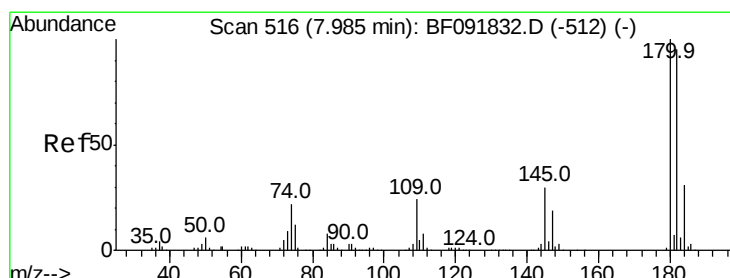
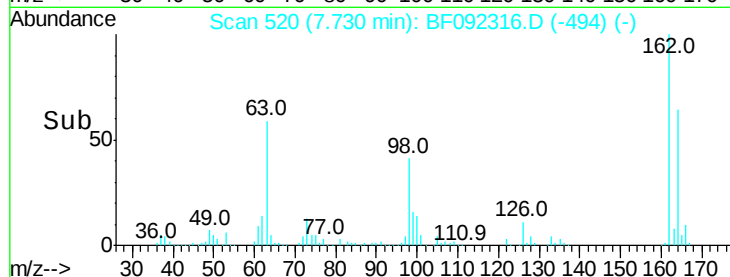
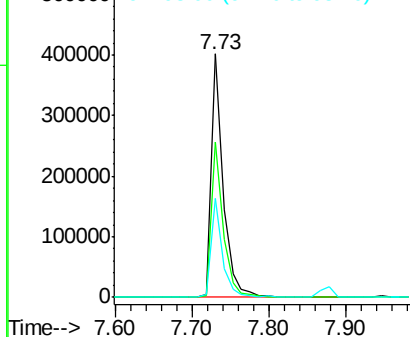
Tot Ion:	162	Resp:	427222
Ion Ratio	Lower	Upper	
162	100		
164	63.6	46.8	86.8
98	40.6	9.1	49.1

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



#30

1,2,4-Trichlorobenzene

Concen: 36.87 ng

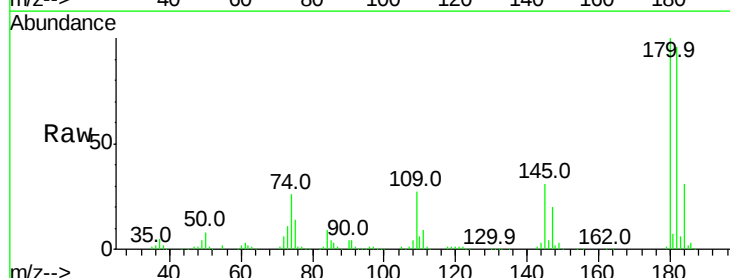
RT: 7.80 min Scan# 526

Delta R.T. -0.00 min

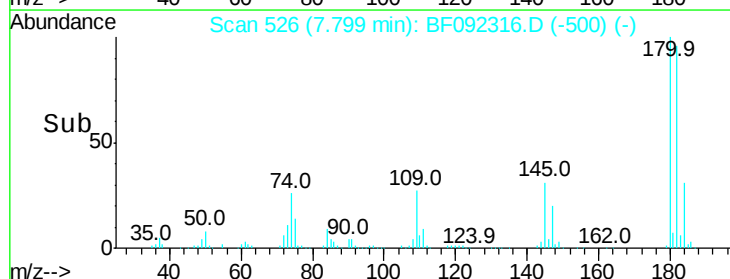
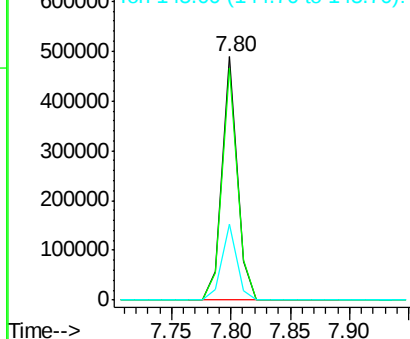
Lab File: BF092316.D

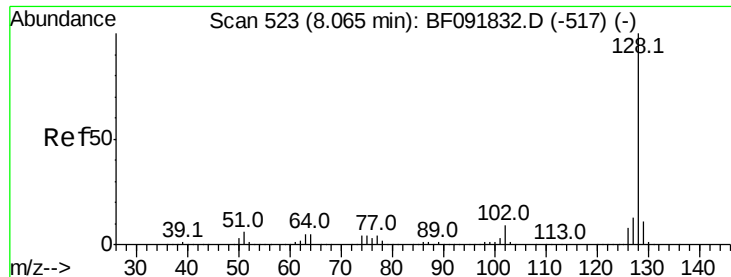
Acq: 17 Jan 2017 7:56

Tgt Ion:	180	Resp:	429955
Ion Ratio	Lower	Upper	
180	100		
182	95.6	78.2	117.4
145	31.2	21.6	32.4



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





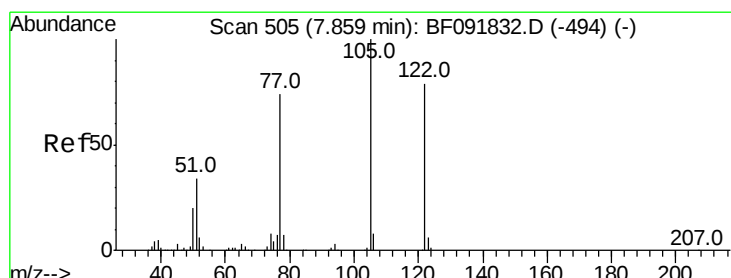
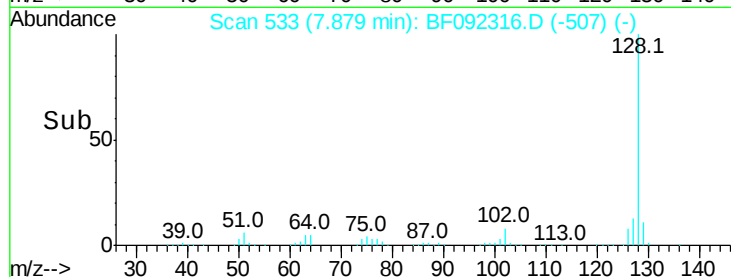
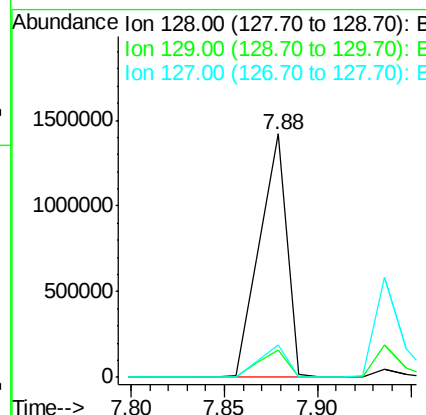
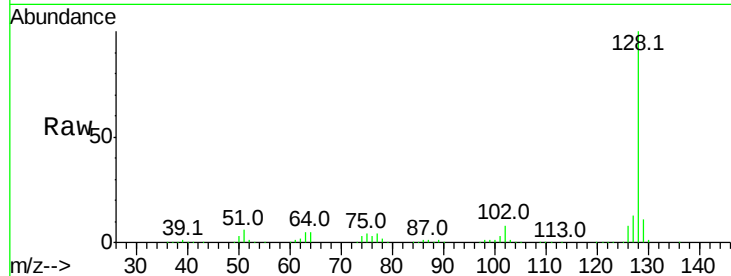
#31
Naphthalene
Concen: 40.09 ng
RT: 7.88 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 1472051
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.3 10.8 16.2

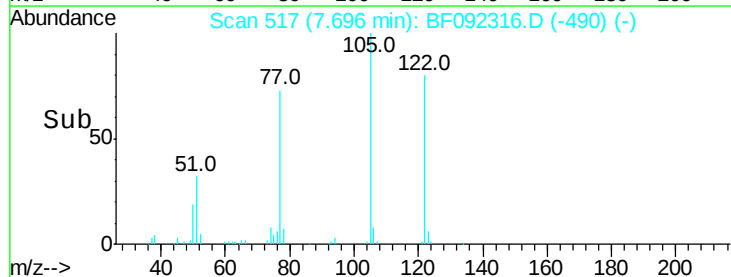
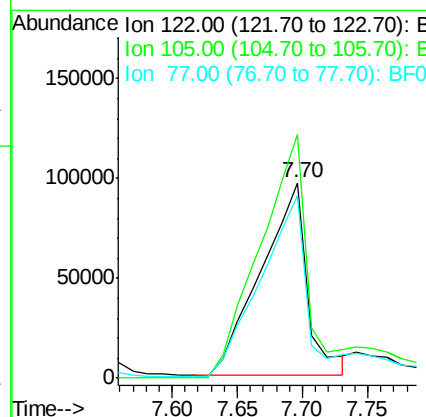
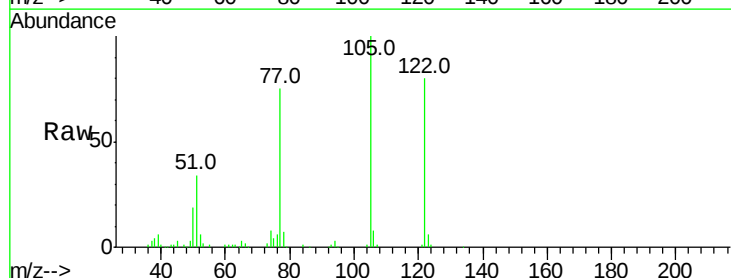
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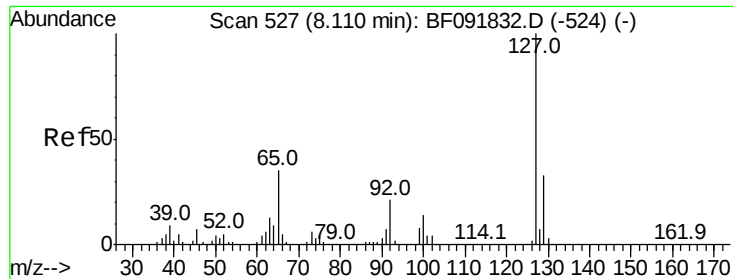
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#32
Benzoic acid
Concen: 25.83 ng
RT: 7.70 min Scan# 517
Delta R.T. 0.01 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion:122 Resp: 240761
Ion Ratio Lower Upper
122 100
105 124.5 107.2 147.2
77 92.8 74.5 114.5





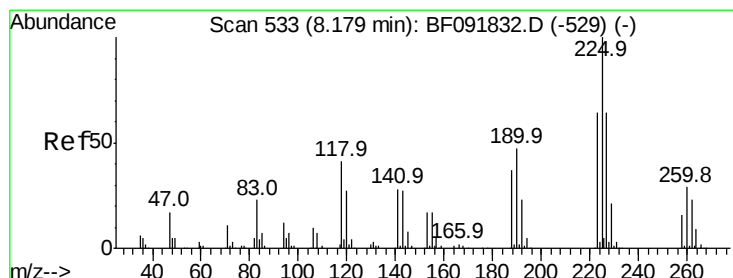
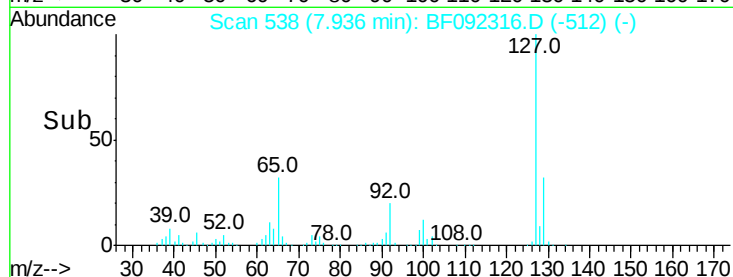
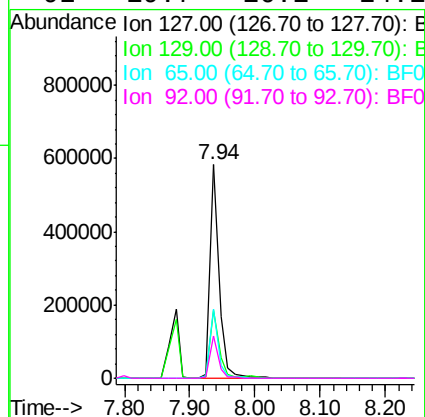
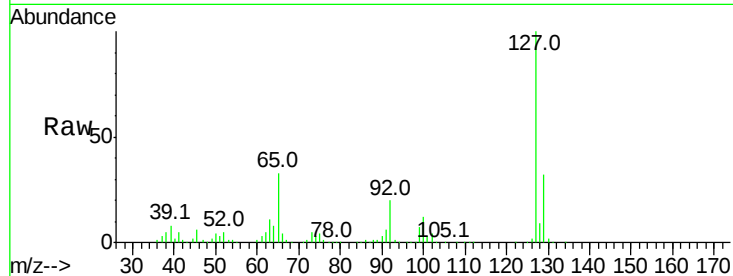
#33
4-Chloroaniline
Concen: 34.29 ng
RT: 7.94 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	26.3	39.5		
65	32.6	25.8	38.8		
92	19.7	16.1	24.1		

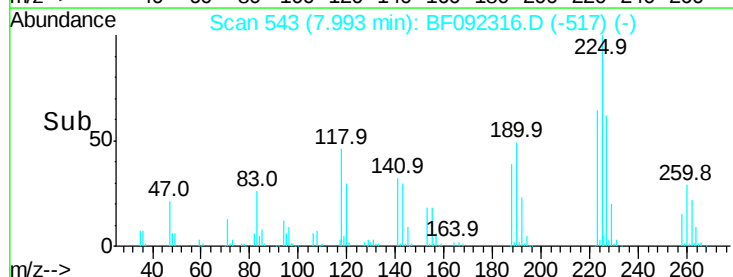
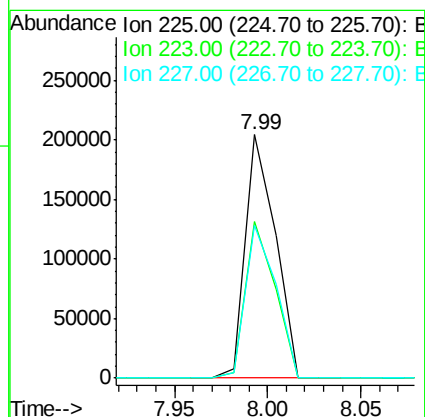
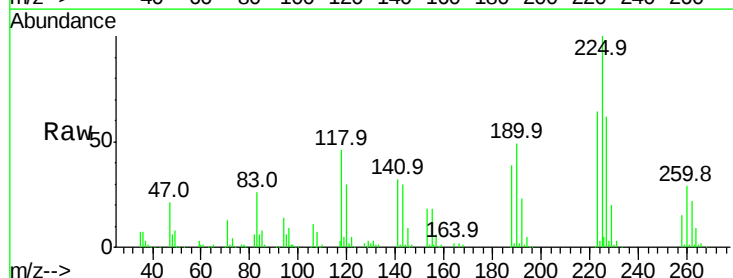
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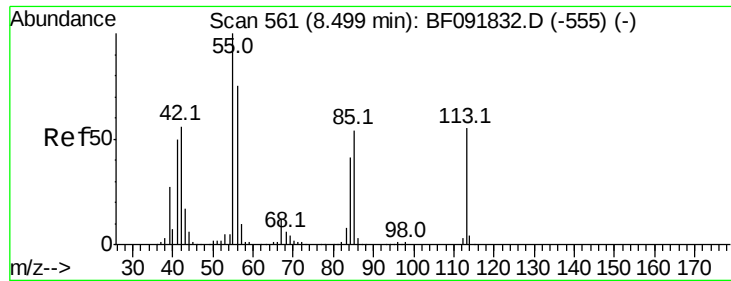
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#34
Hexachlorobutadiene
Concen: 37.05 ng
RT: 7.99 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	51.0	76.6		
227	62.5	50.6	76.0		





#35

Caprolactam

Concen: 37.95 ng

RT: 8.32 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

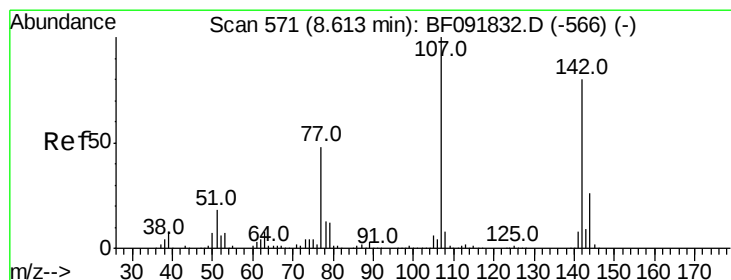
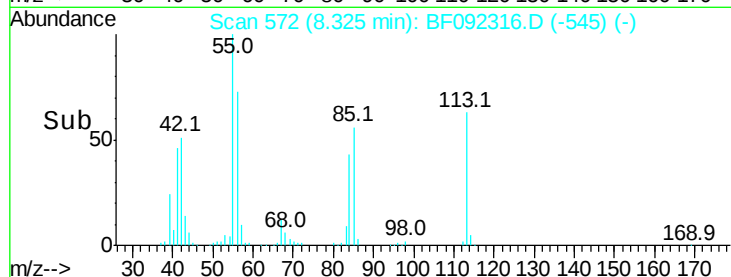
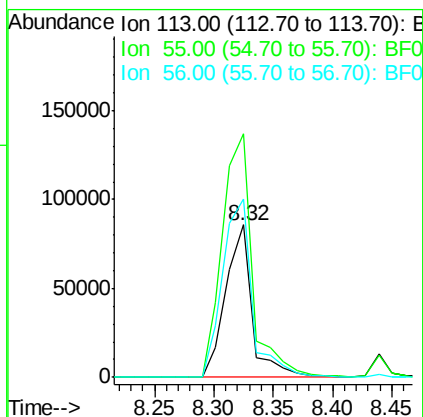
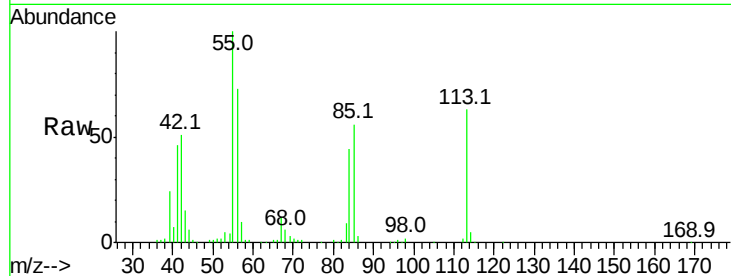
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.6	119.2	159.2#
56	117.2	83.8	123.8

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#36

4-Chloro-3-methylphenol

Concen: 37.28 ng

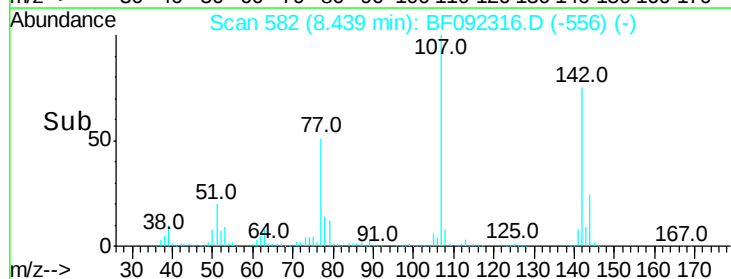
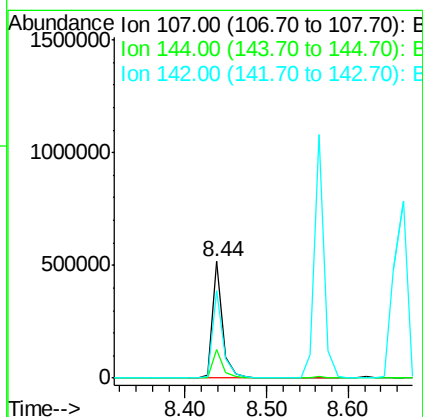
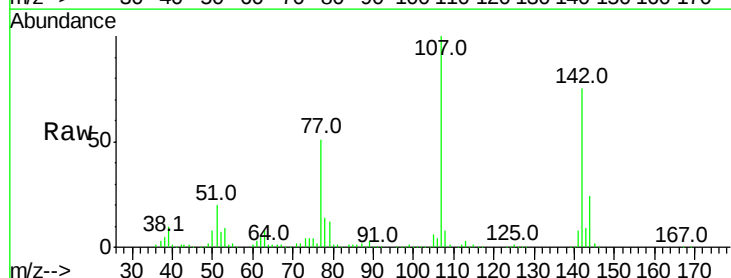
RT: 8.44 min Scan# 582

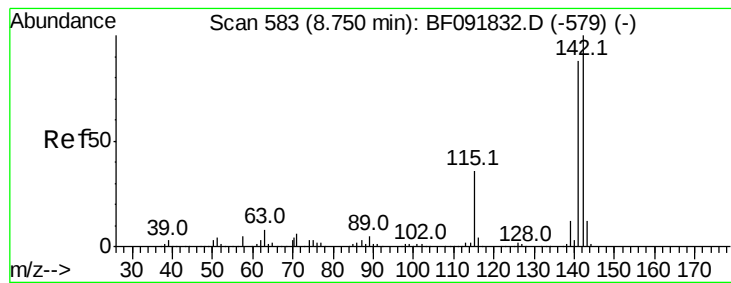
Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	19.3	28.9
142	74.7	59.0	88.6





#37

2-Methylnaphthalene

Concen: 38.36 ng

RT: 8.56 min Scan# 593

Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

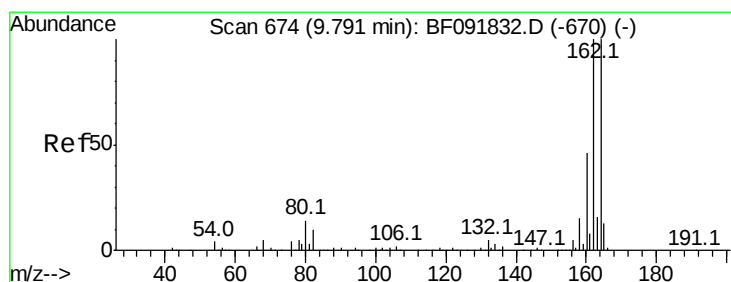
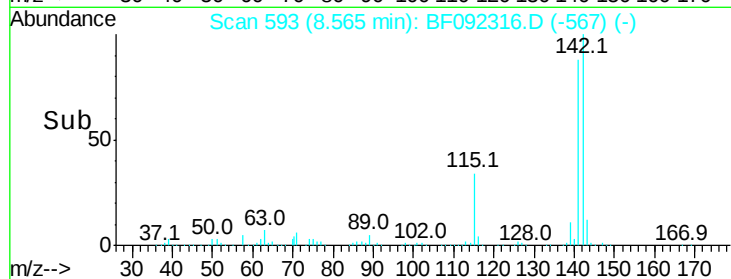
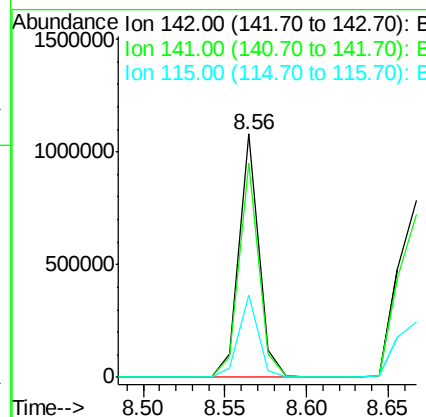
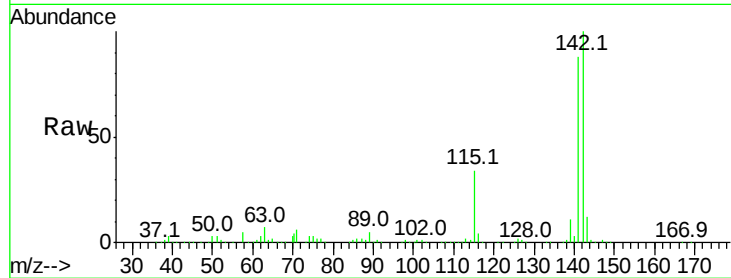
ClientSampleId :

SSTDCCC040EC

Tot Ion:	142	Resp:	899409
Ion Ratio	Lower	Upper	
142	100		
141	88.2	71.0	106.6
115	33.6	28.3	42.5

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#38

Acenaphthene-d10

Concen: 20.00 ng

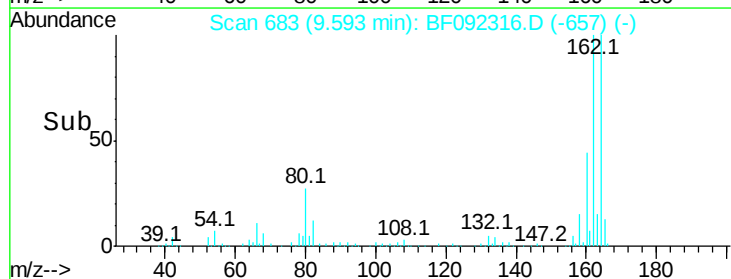
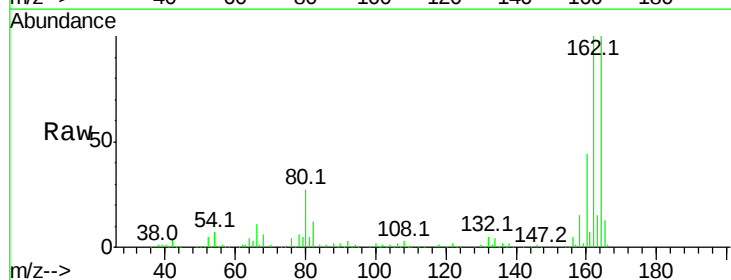
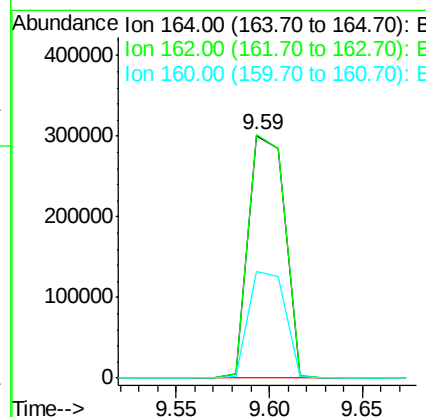
RT: 9.59 min Scan# 683

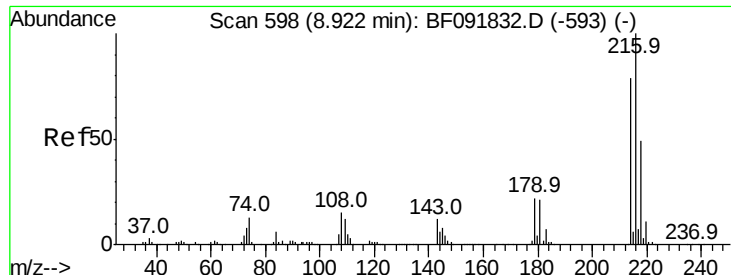
Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Tgt Ion:	164	Resp:	407270
Ion Ratio	Lower	Upper	
164	100		
162	100.3	80.2	120.2
160	44.1	36.9	55.3





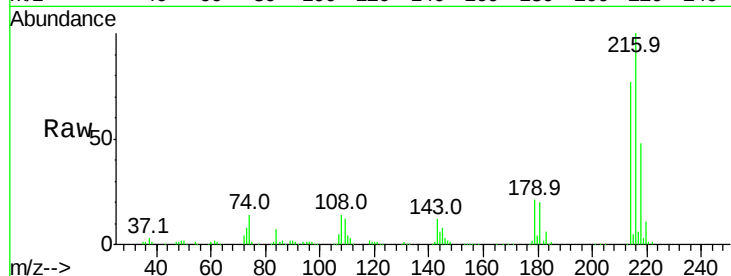
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.49 ng
 RT: 8.74 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

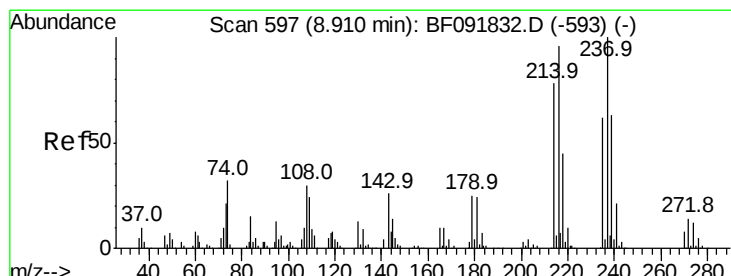
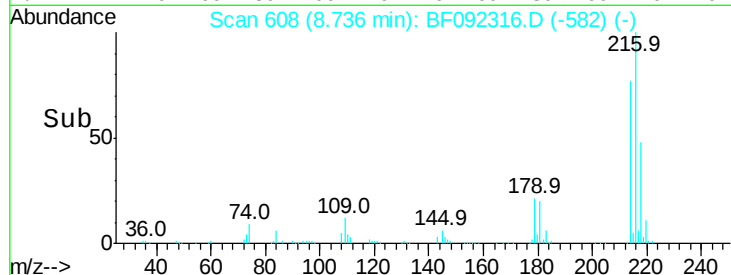
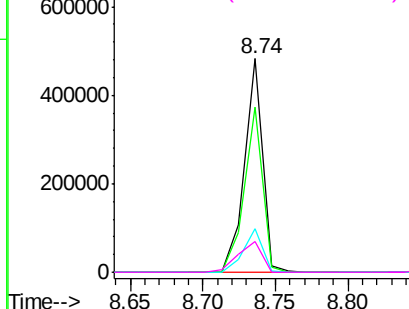
Tot Ion	Ratio	Resp	Lower	Upper
216	100	416587		
214	78.0	63.4	95.0	
179	21.7	17.4	26.2	
108	19.1	15.6	23.4	

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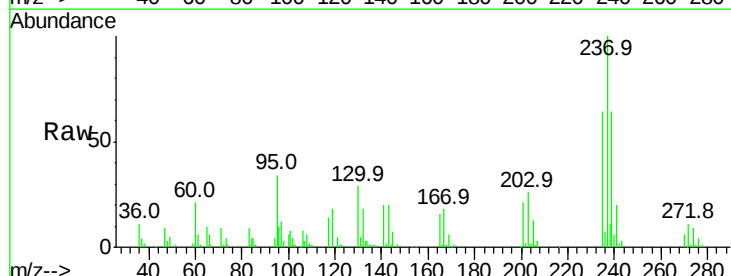


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

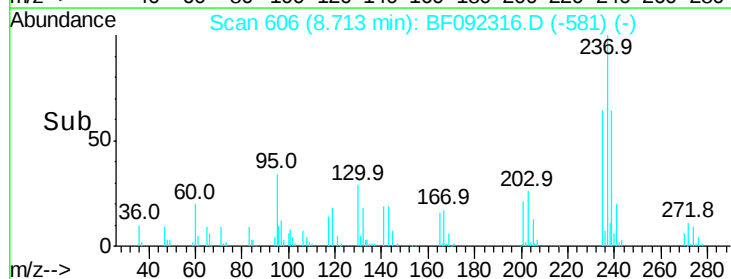
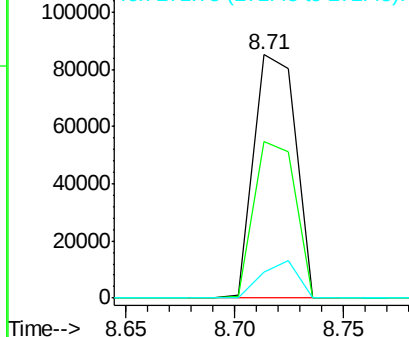


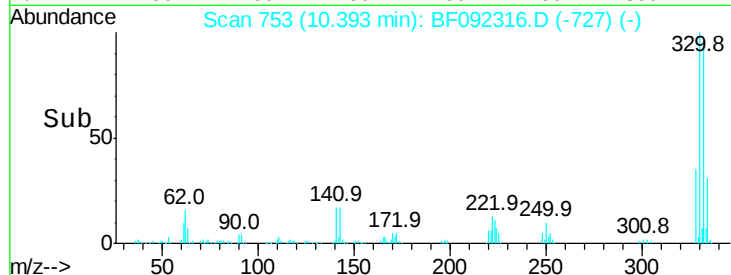
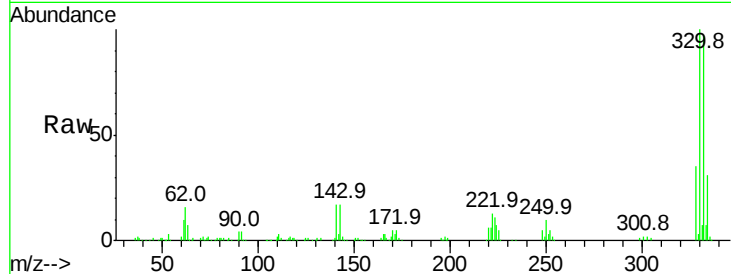
#40
 Hexachlorocyclopentadiene
 Concen: 27.62 ng
 RT: 8.71 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	114029		
235	64.2	41.2	81.2	
272	10.8	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





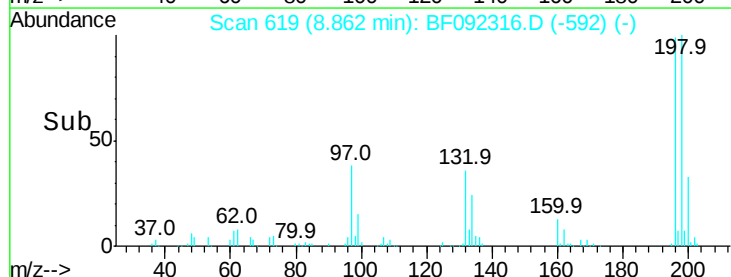
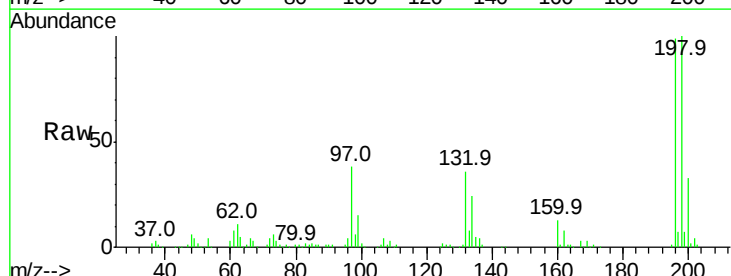
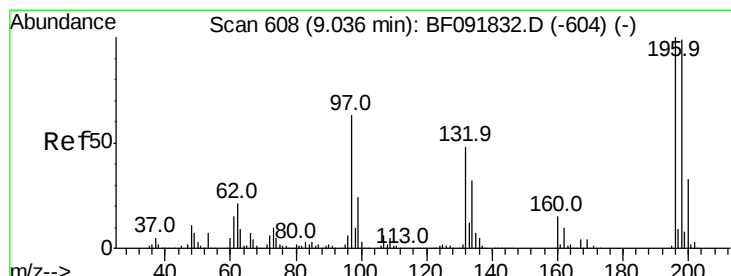
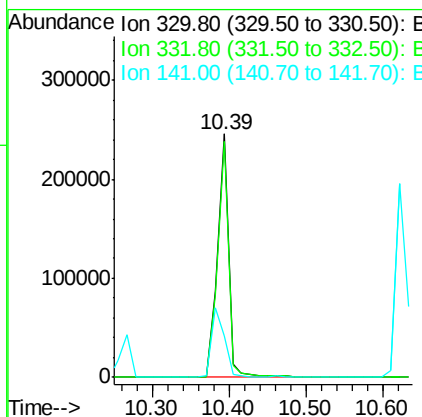
#41
2,4,6-Tribromophenol
Concen: 74.15 ng
RT: 10.39 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tot Ion	Ratio	Resp	Lower	Upper
330	100	249921		
332	97.1	77.4	116.2	
141	33.0	34.1	51.1#	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

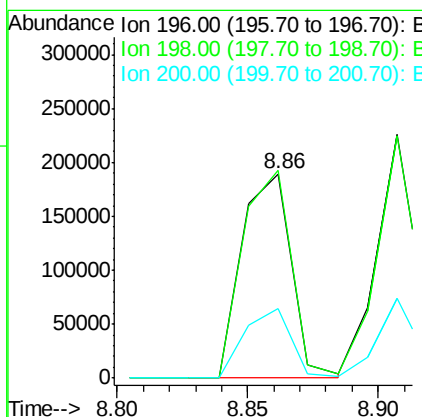
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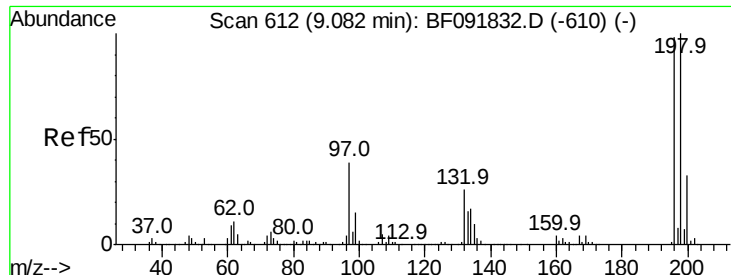
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#42
2,4,6-Trichlorophenol
Concen: 35.00 ng
RT: 8.86 min Scan# 619
Delta R.T. 0.01 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	251859		
198	101.5	82.1	123.1	
200	33.8	27.0	40.4	





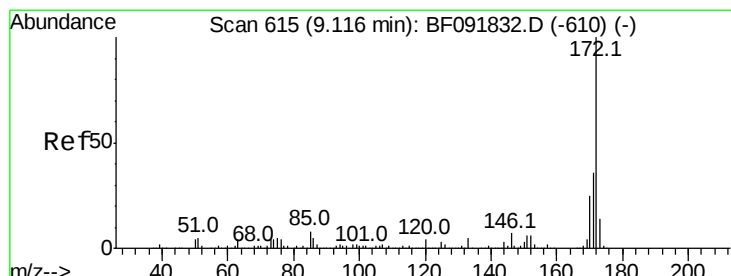
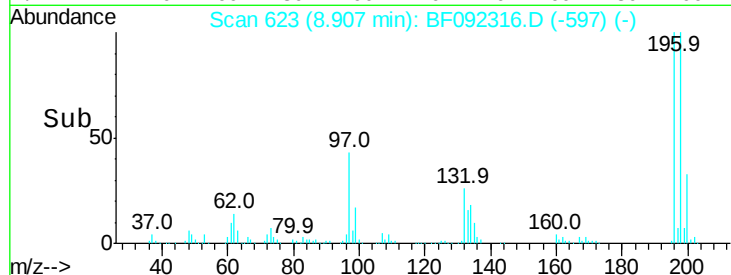
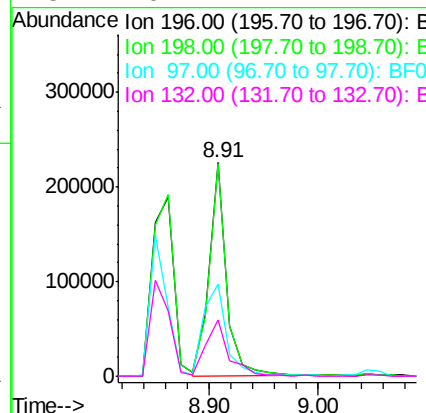
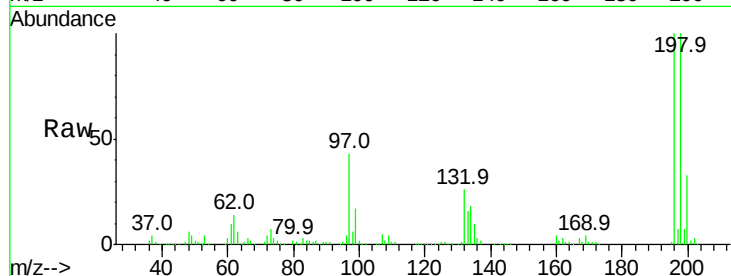
#43
 2,4,5-Trichlorophenol
 Concen: 34.36 ng
 RT: 8.91 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	254482		
198	99.6	79.4	119.2	
97	43.3	51.5	77.3#	
132	26.4	27.4	41.2#	

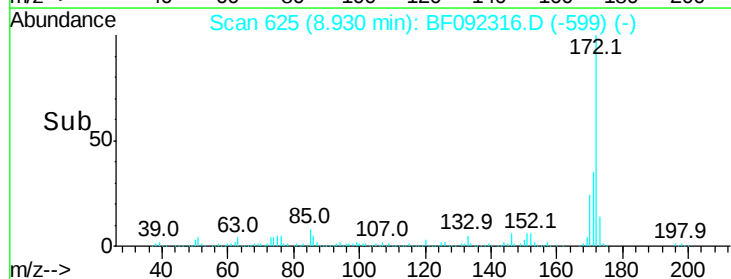
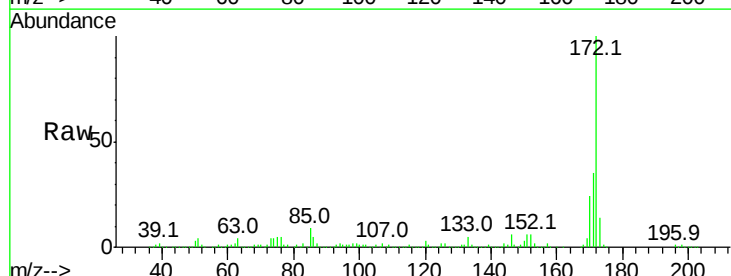
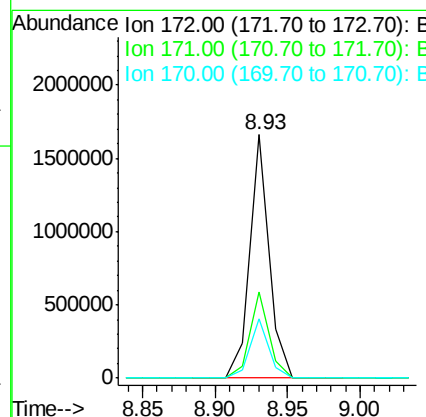
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 75.84 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1535044		
171	35.4	29.4	44.0	
170	24.2	20.2	30.4	





#45
 1,1'-Biphenyl
 Concen: 42.91 ng
 RT: 9.03 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

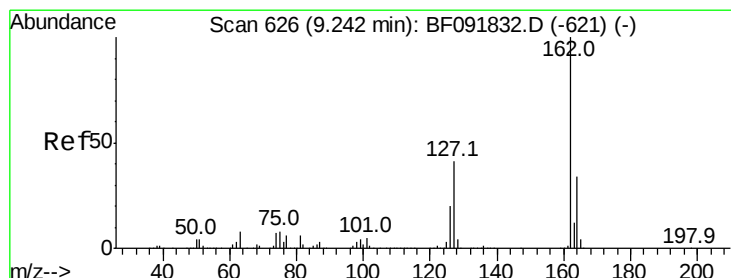
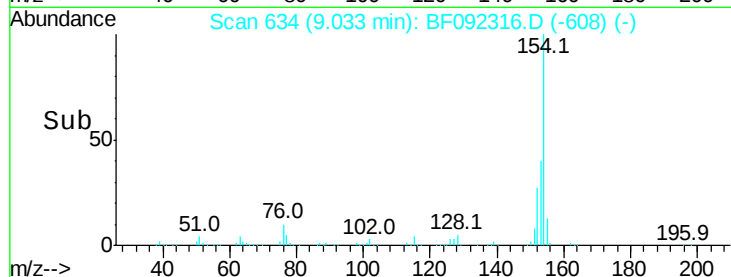
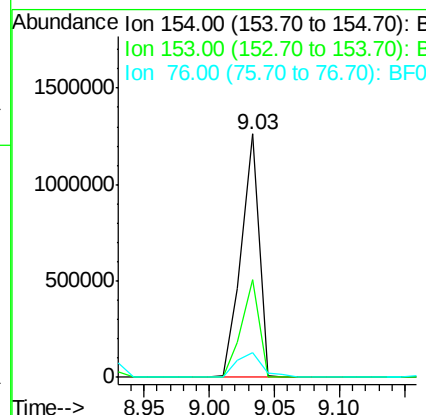
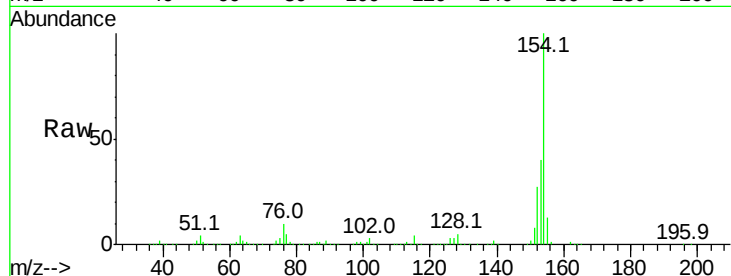
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:154 Resp: 1196619

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.9	60.9
76	10.1	0.0	30.5

Manual Integrations
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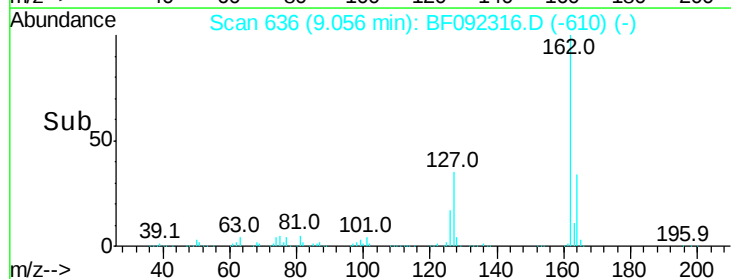
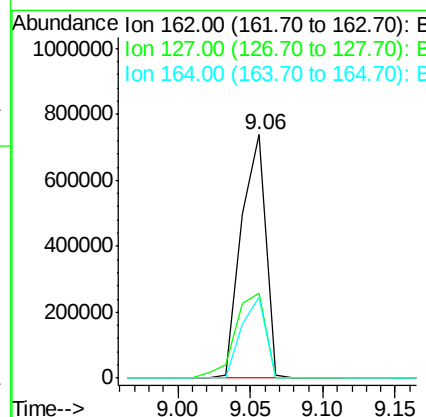
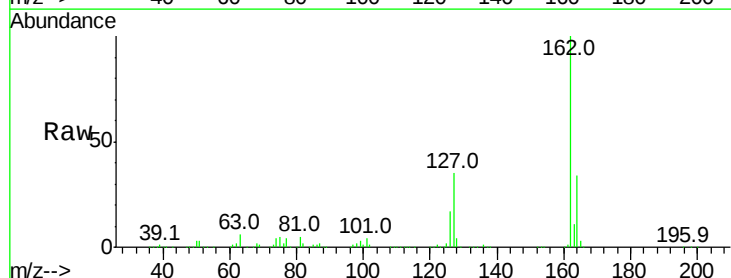
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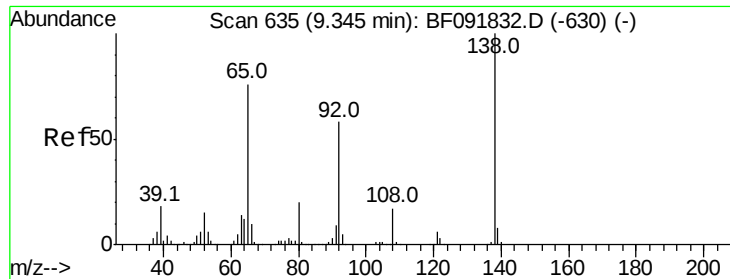


#46
 2-Chloronaphthalene
 Concen: 39.01 ng
 RT: 9.06 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Tgt Ion:162 Resp: 861525

Ion	Ratio	Lower	Upper
162	100		
127	34.8	30.7	46.1
164	33.5	27.6	41.4





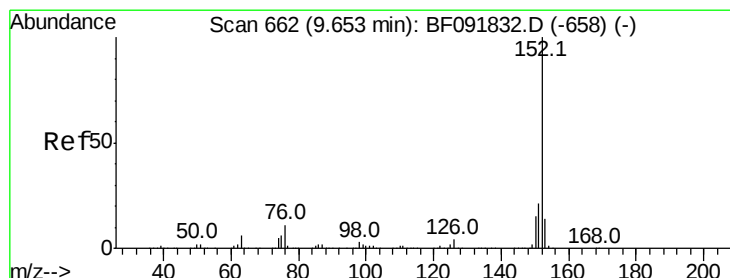
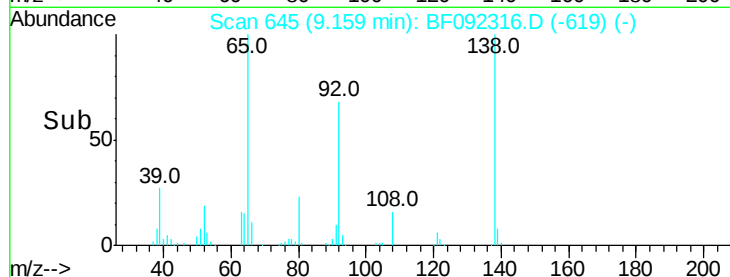
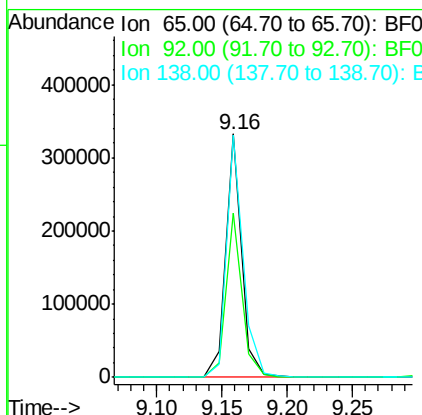
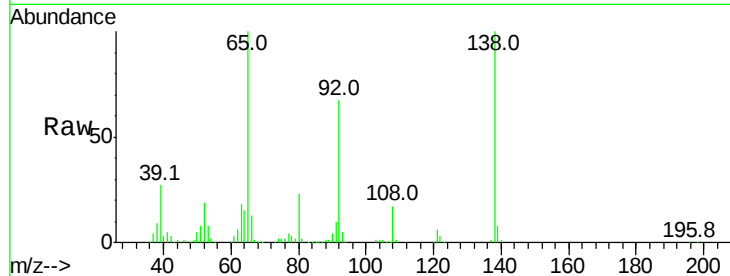
#47
2-Nitroaniline
Concen: 36.21 ng
RT: 9.16 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.4	53.9	80.9
138	99.6	76.8	115.2

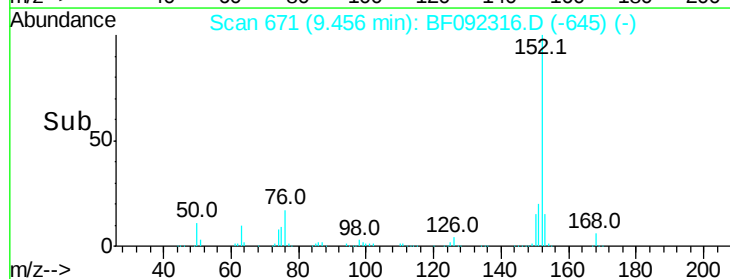
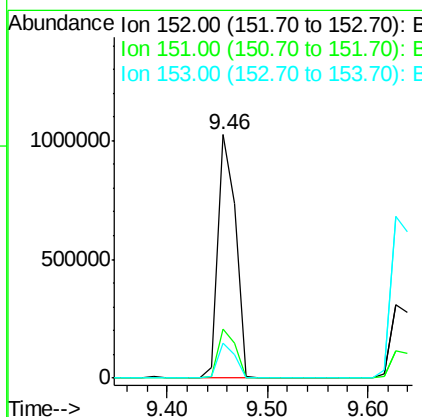
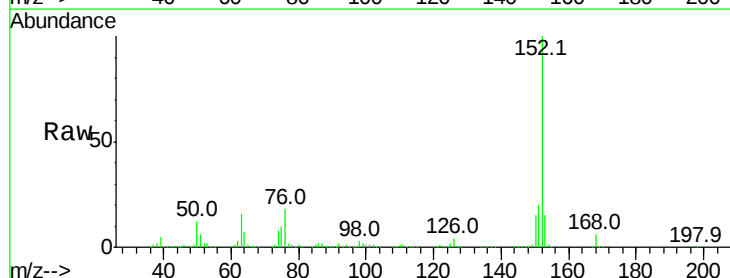
Manual Integrations
APPROVED

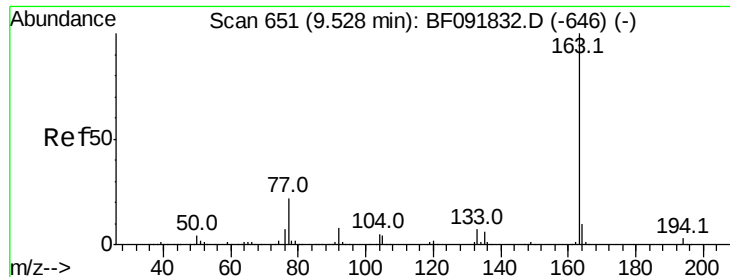
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#48
Acenaphthylene
Concen: 36.60 ng
RT: 9.46 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.9	25.3
153	14.6	11.4	17.2





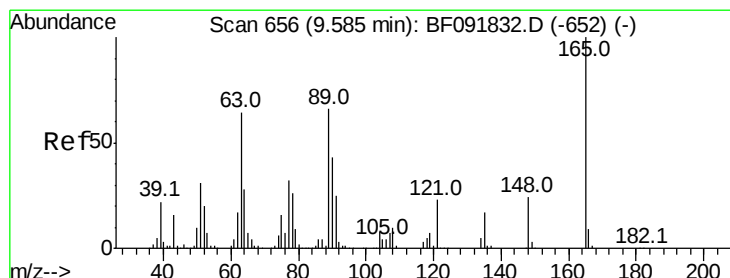
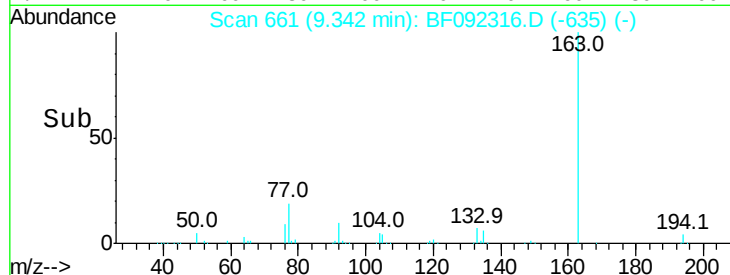
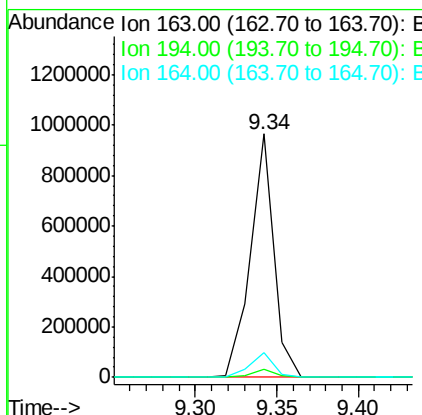
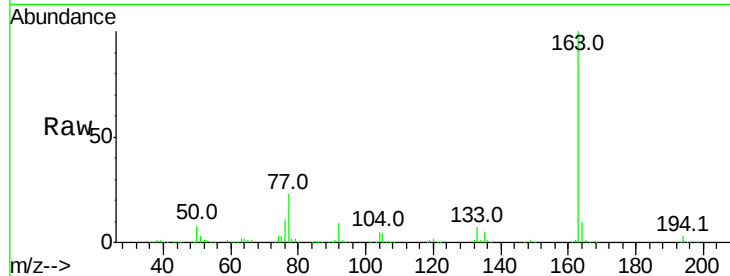
#49
Dimethylphthalate
Concen: 37.04 ng
RT: 9.34 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	3.0	4.4	
164	10.2	8.0	12.0	

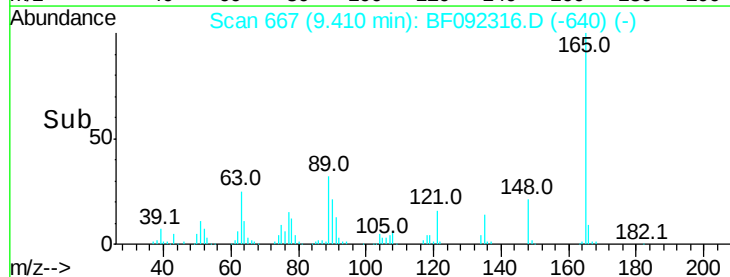
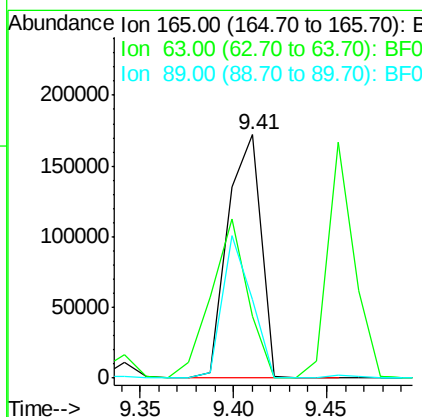
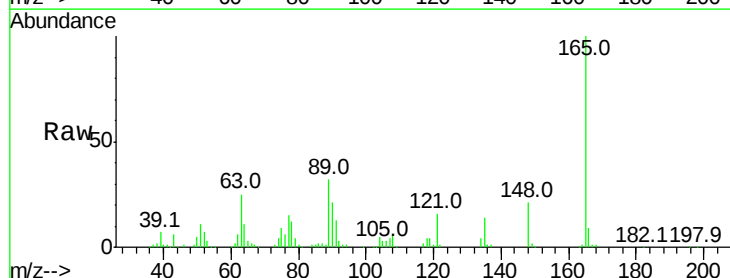
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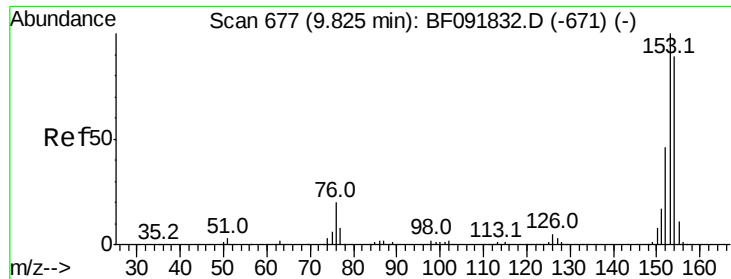
mohammad
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#50
2,6-Dinitrotoluene
Concen: 37.67 ng
RT: 9.41 min Scan# 667
Delta R.T. 0.01 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	25.3	36.2	54.4#	
89	32.2	40.2	60.4#	





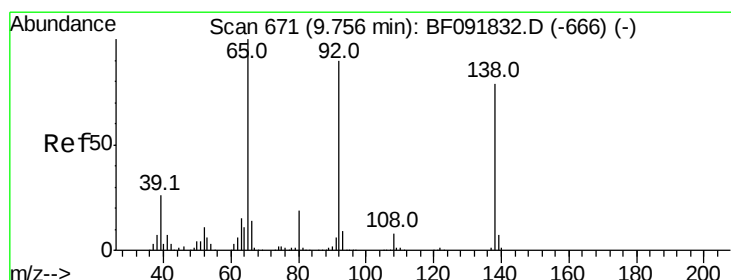
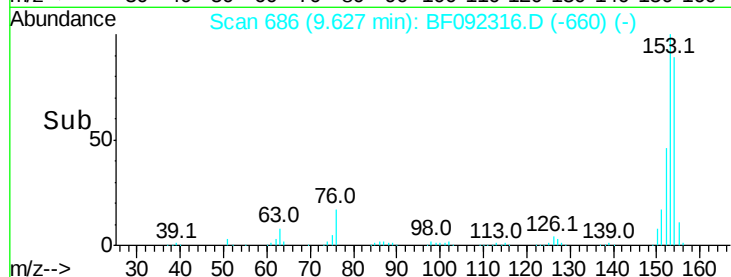
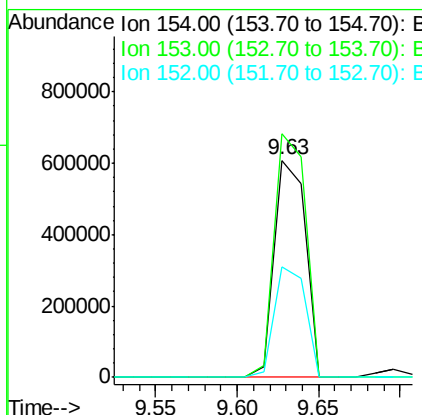
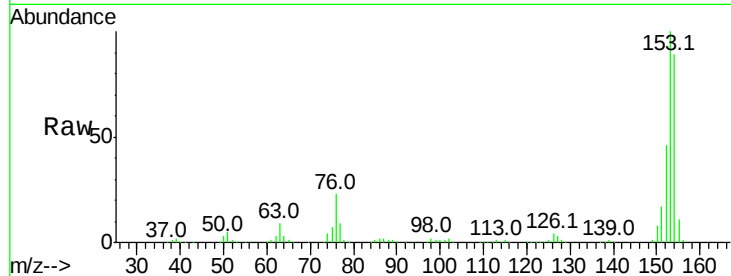
#51
Acenaphthene
Concen: 35.34 ng
RT: 9.63 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.3	88.6	133.0
152	51.2	41.6	62.4

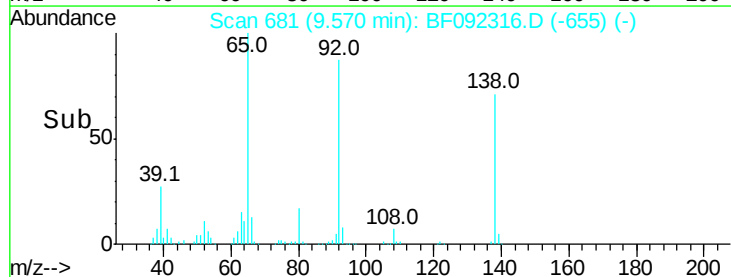
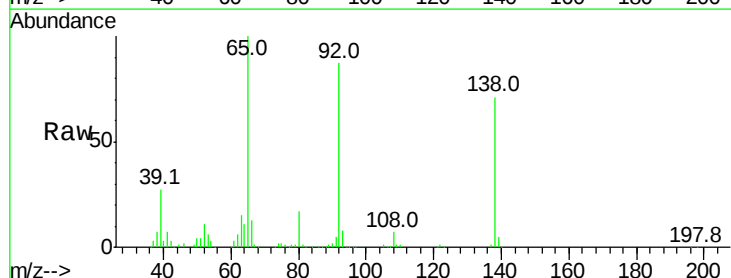
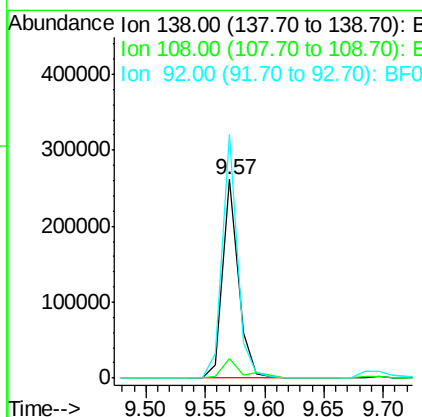
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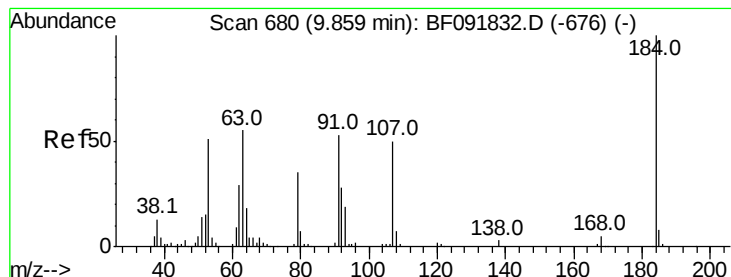
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#52
3-Nitroaniline
Concen: 33.80 ng
RT: 9.57 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.5	12.7
92	122.8	97.8	146.8





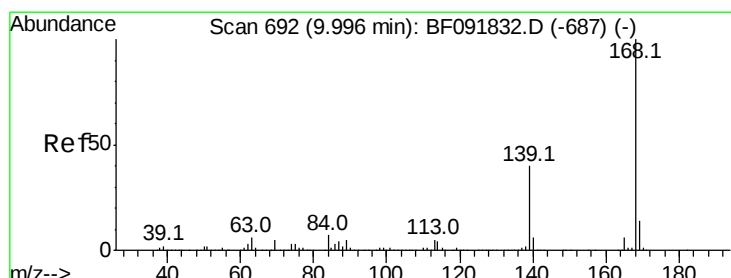
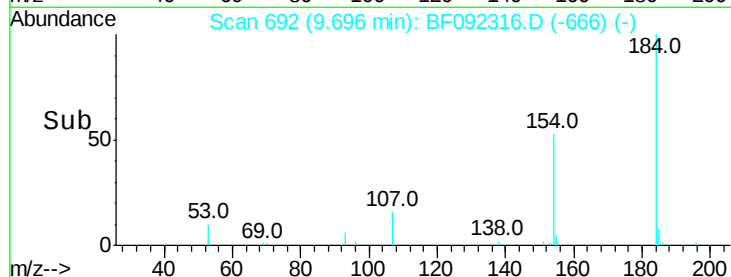
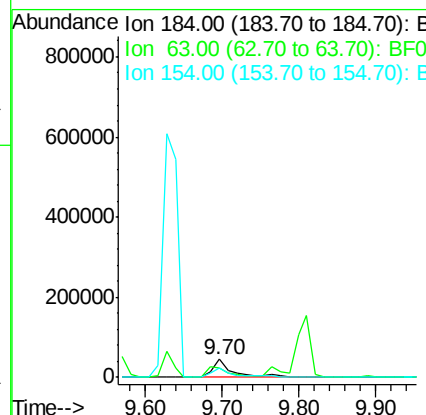
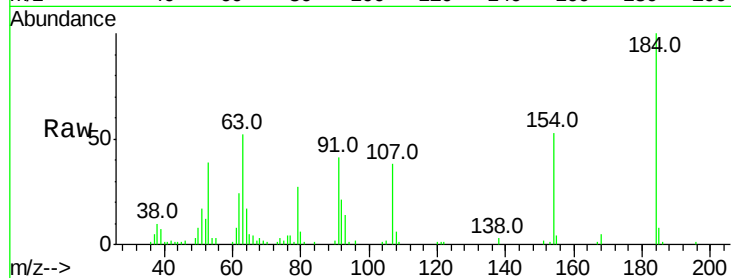
#53
2,4-Dinitrophenol
Concen: 26.71 ng
RT: 9.70 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	51.9	28.4	42.6
154	53.1	44.3	66.5

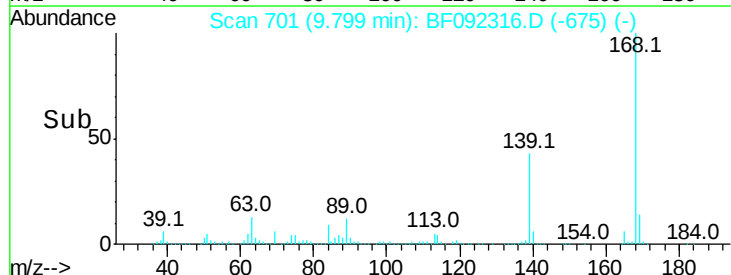
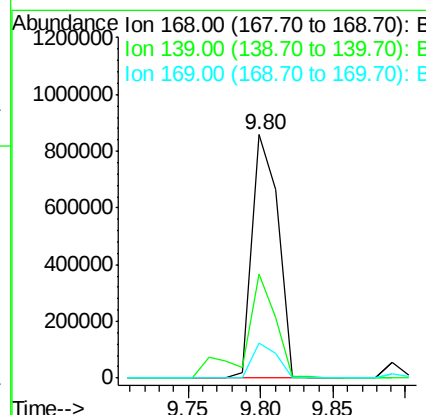
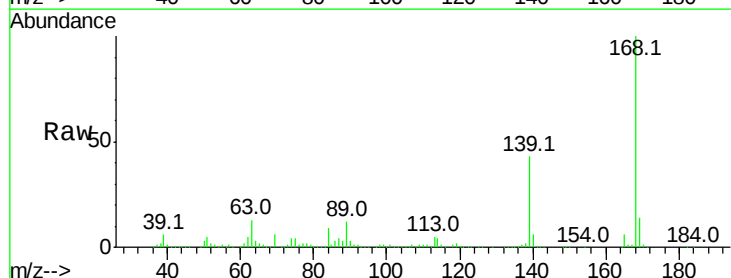
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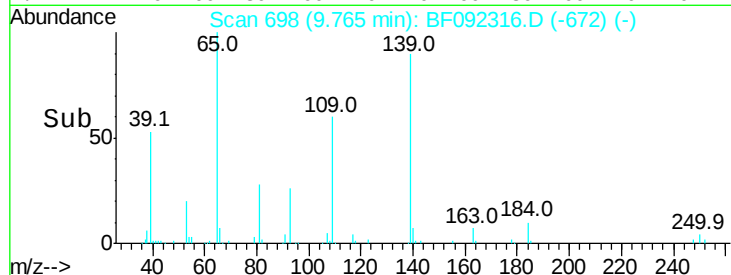
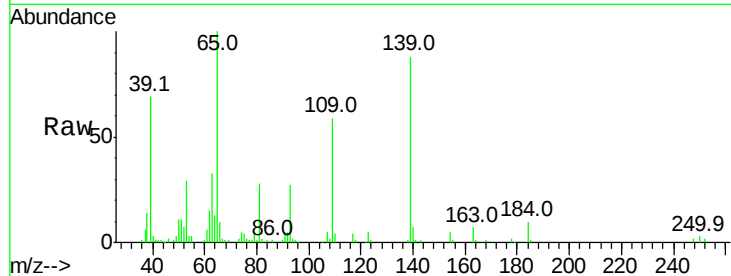
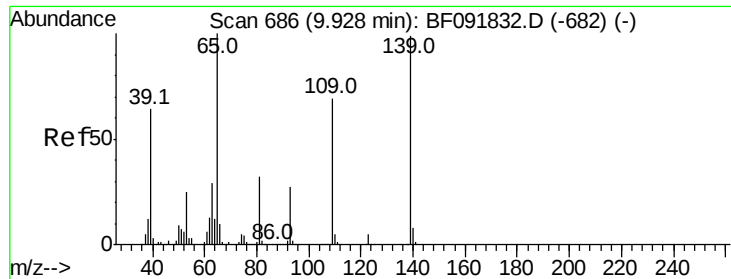
mohammad
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#54
Dibenzofuran
Concen: 34.12 ng
RT: 9.80 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.8	32.6	49.0
169	14.2	11.3	16.9





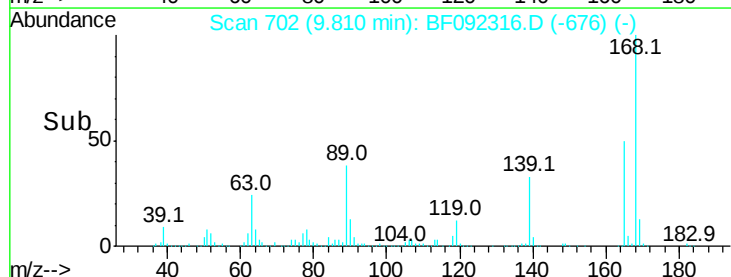
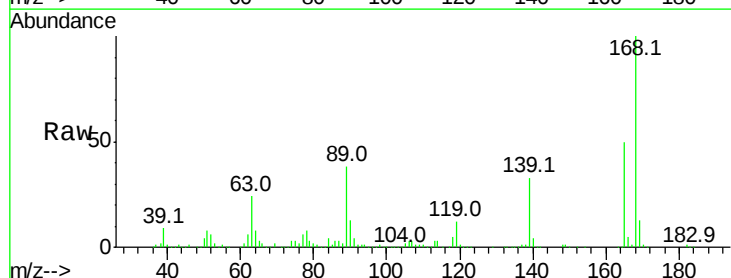
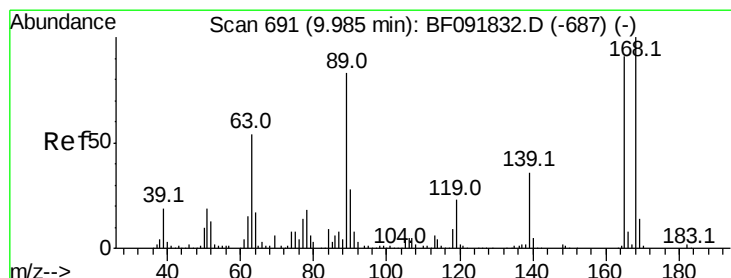
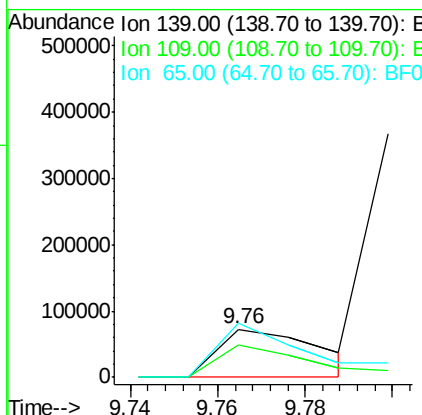
#55
4-Nitrophenol
Concen: 24.22 ng/ml
RT: 9.76 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.5	52.2	92.2
65	113.5	85.8	125.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

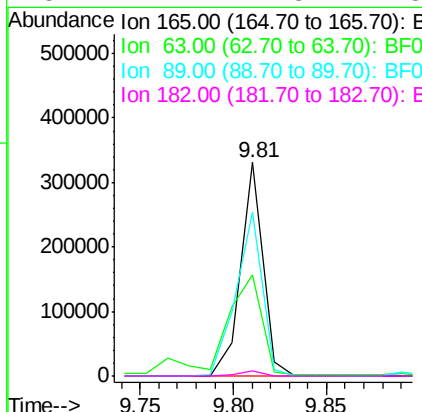
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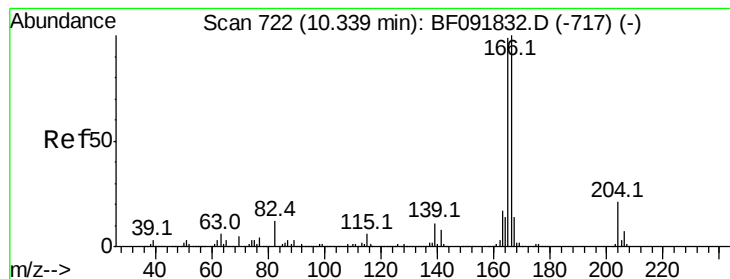
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#56
2,4-Dinitrotoluene
Concen: 38.93 ng/ml
RT: 9.81 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.1	40.2	60.4
89	77.0	62.5	93.7
182	2.2	1.8	2.8





#57

Fluorene

Concen: 35.37 ng

RT: 10.14 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

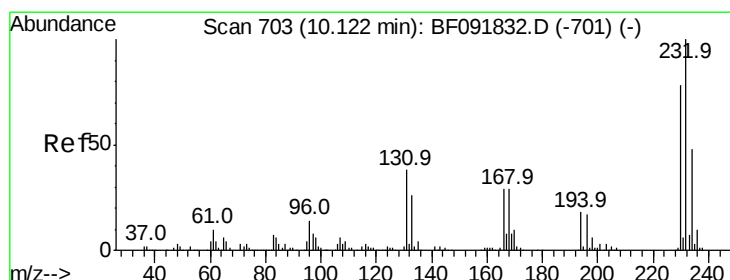
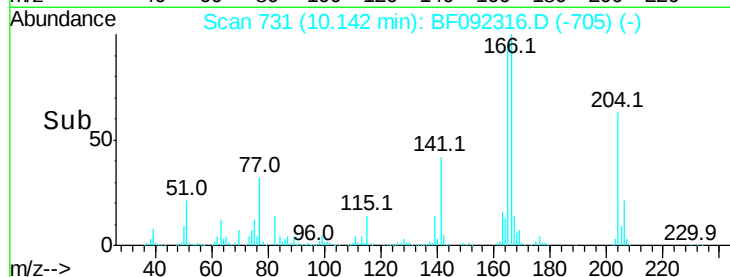
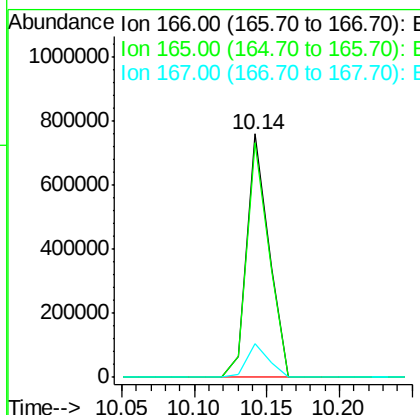
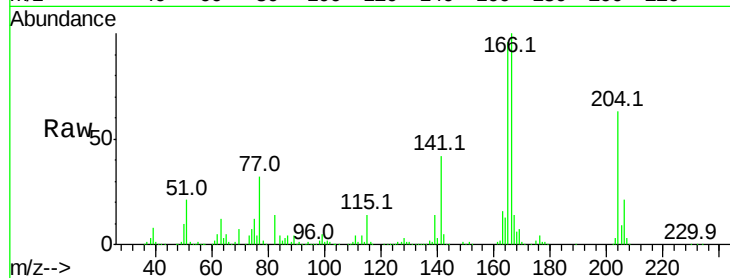
ClientSampleId :

SSTDCCC040EC

Tot Ion:	166	Resp:	800171
Ion Ratio	Lower	Upper	
166	100		
165	96.4	77.8	116.8
167	13.7	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 35.80 ng

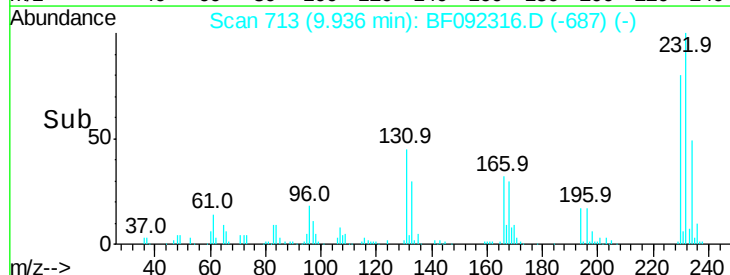
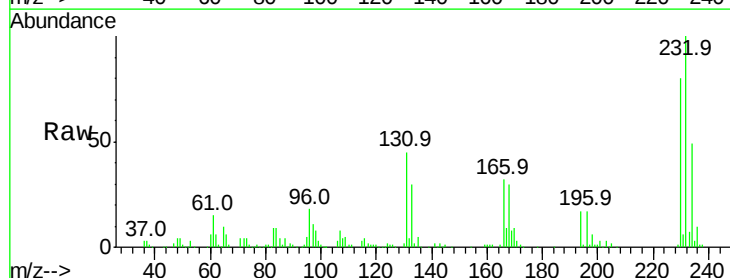
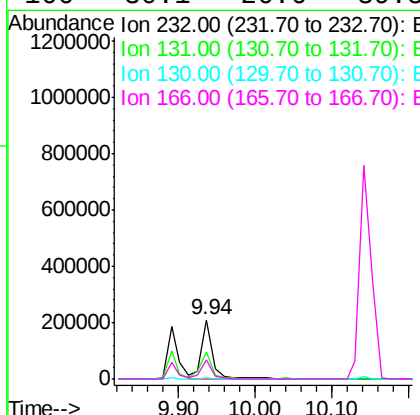
RT: 9.94 min Scan# 713

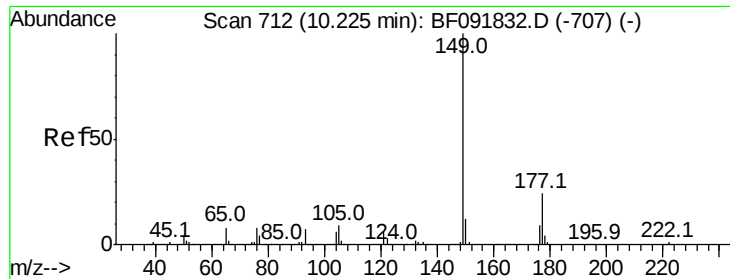
Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Tgt Ion:	232	Resp:	209704
Ion Ratio	Lower	Upper	
232	100		
131	46.1	40.1	60.1
130	1.9	1.8	2.8
166	30.1	26.6	39.8





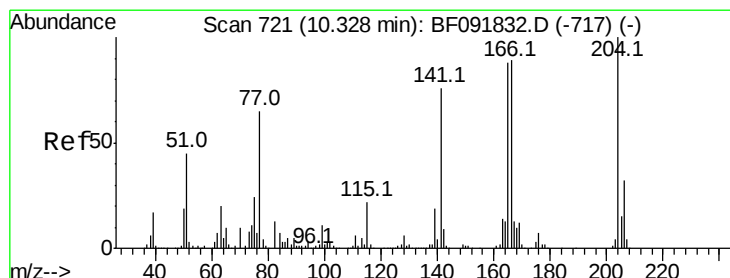
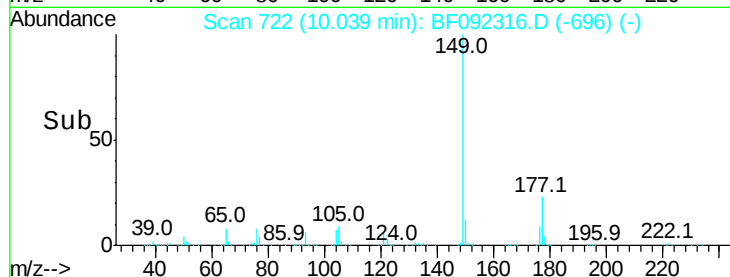
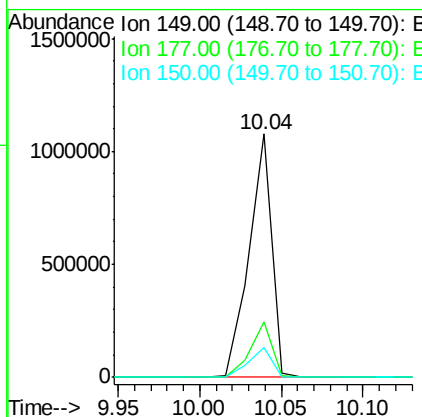
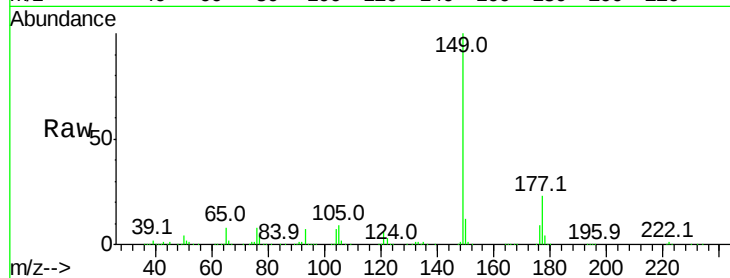
#59
Diethylphthalate
Concen: 41.03 ng
RT: 10.04 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 1038054
Ion Ratio Lower Upper
149 100
177 22.7 16.6 25.0
150 12.2 10.4 15.6

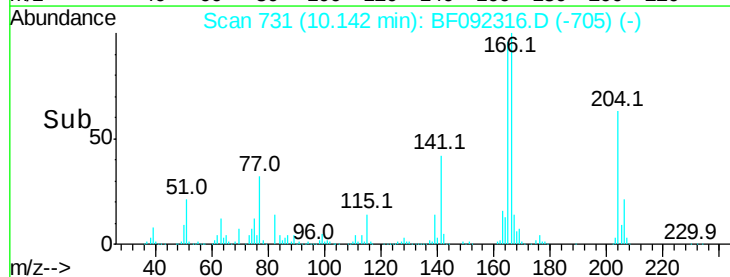
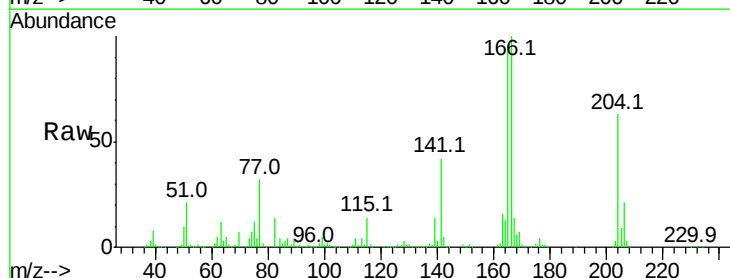
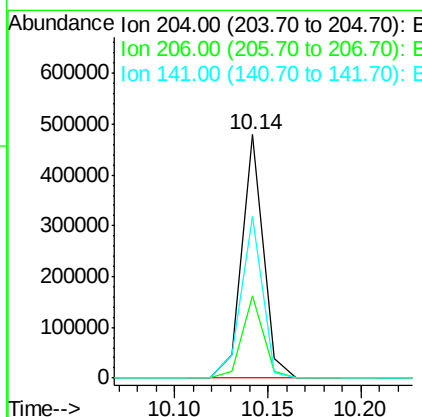
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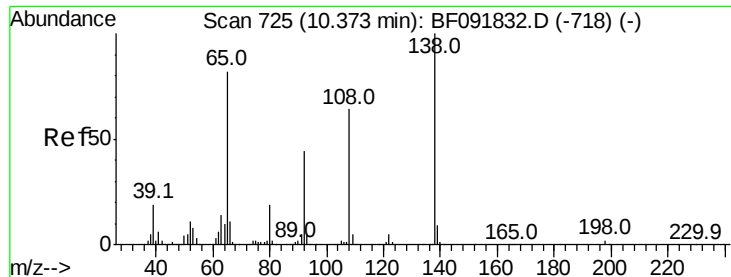
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 39.08 ng
RT: 10.14 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion:204 Resp: 387145
Ion Ratio Lower Upper
204 100
206 33.9 25.8 38.6
141 66.4 59.4 89.0





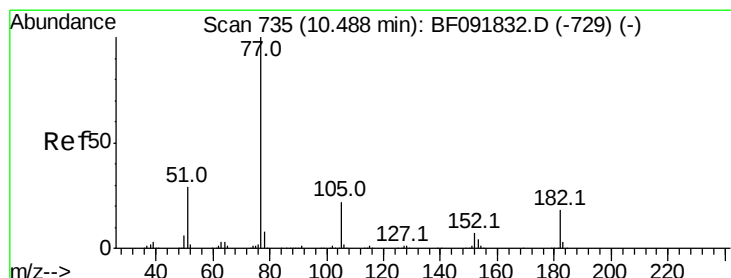
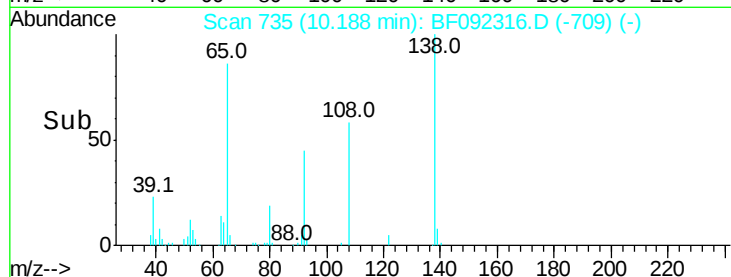
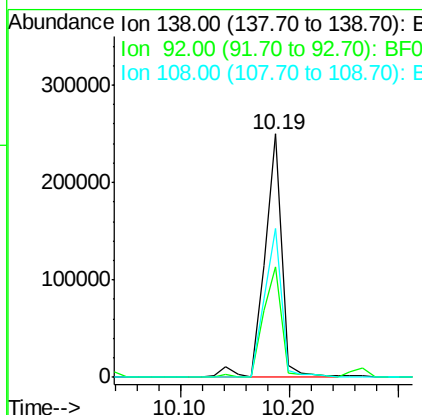
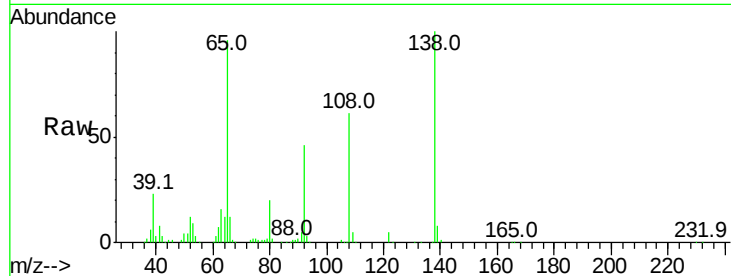
#61
4-Nitroaniline
Concen: 37.82 ng
RT: 10.19 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.6	31.7	71.7
108	61.1	52.6	92.6

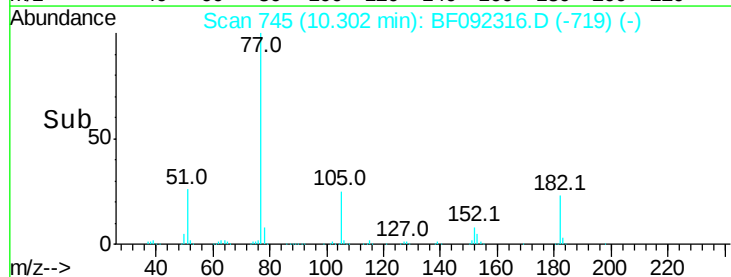
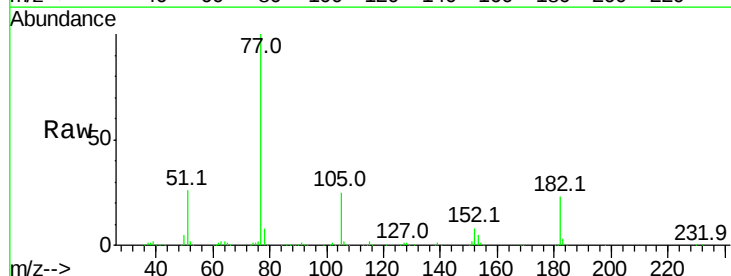
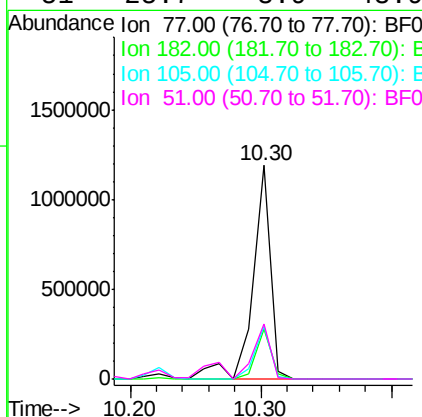
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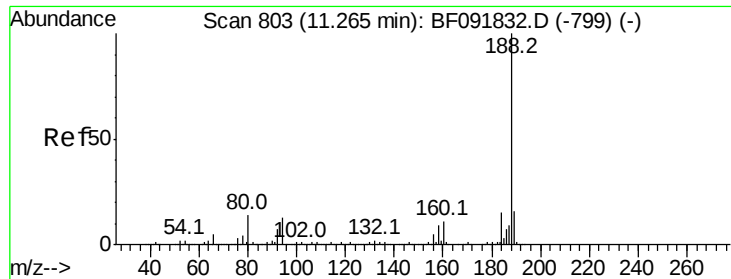
mohammad
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#62
Azobenzene
Concen: 40.72 ng
RT: 10.30 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.2	0.0	39.3
105	24.6	2.3	42.3
51	25.7	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:188 Resp: 735990

Ion Ratio Lower Upper

188 100

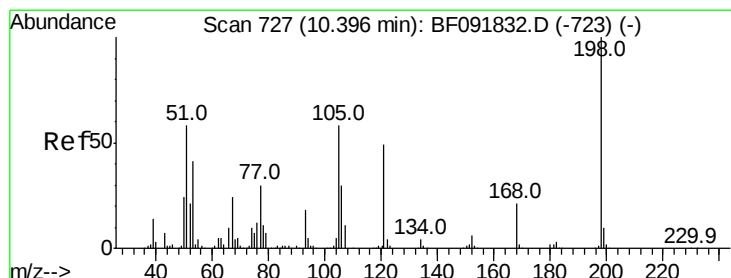
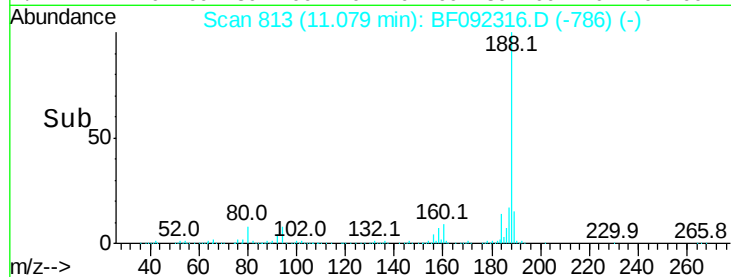
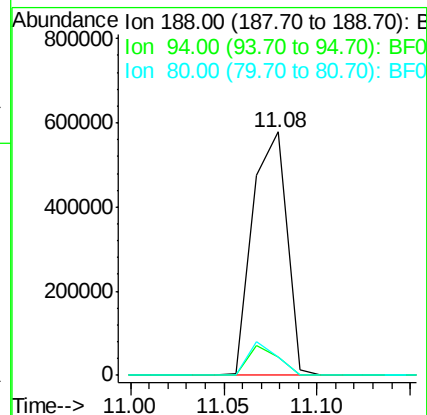
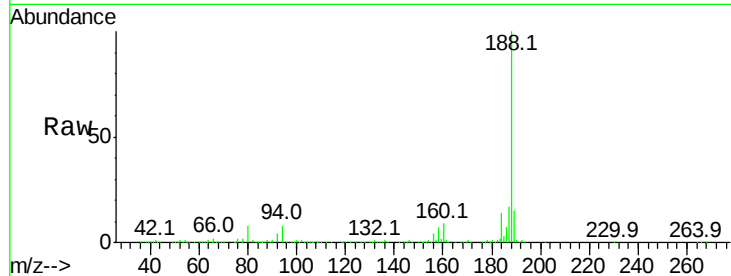
94 7.5 10.0 15.0#

80 7.5 11.2 16.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 32.05 ng

RT: 10.22 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

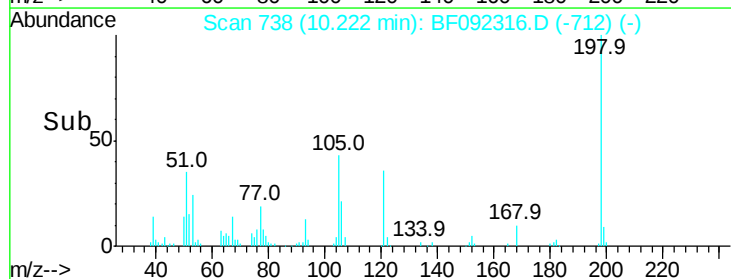
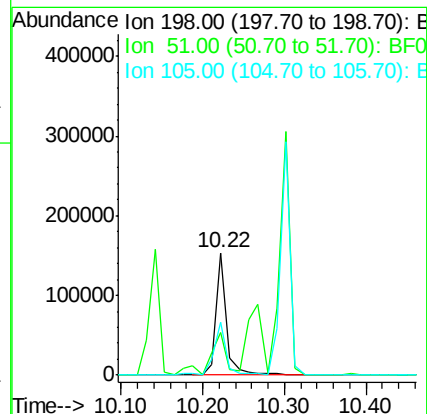
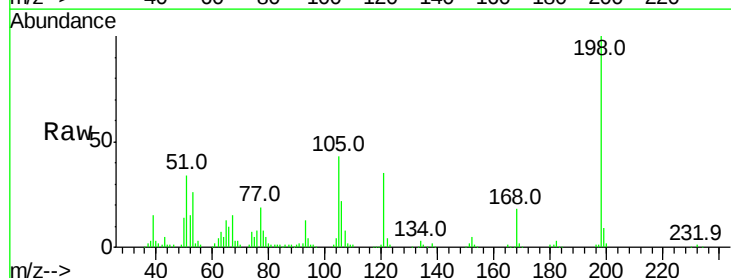
Tgt Ion:198 Resp: 142635

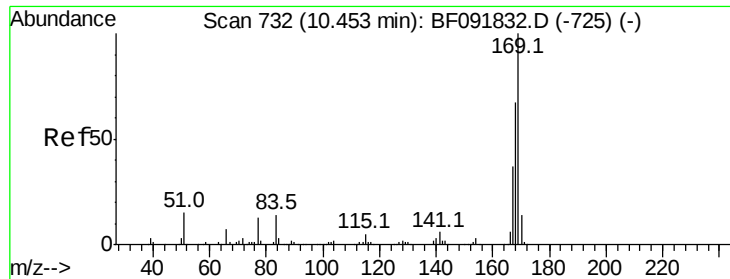
Ion Ratio Lower Upper

198 100

51 34.5 6.7 46.7

105 42.8 16.6 56.6





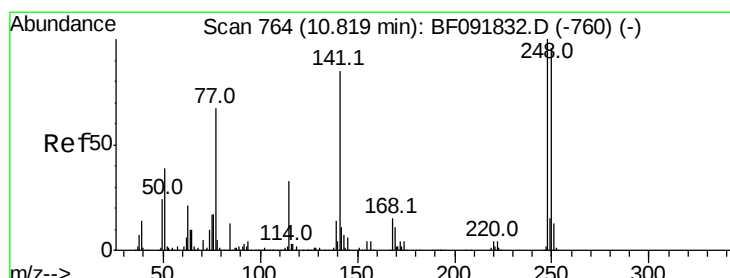
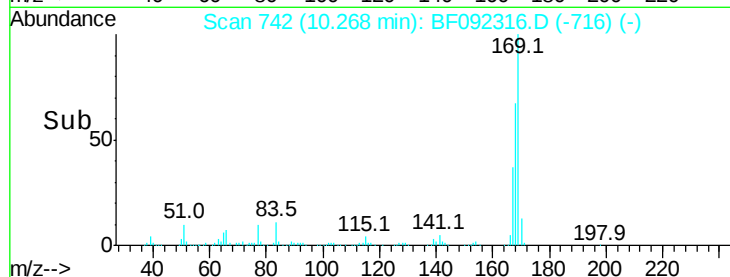
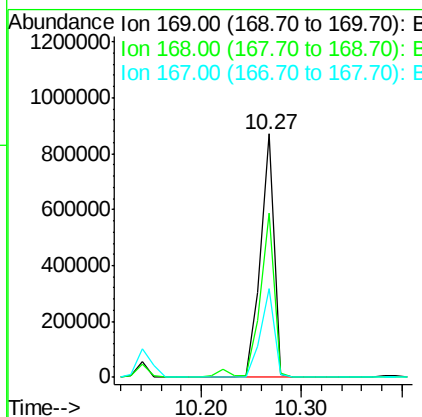
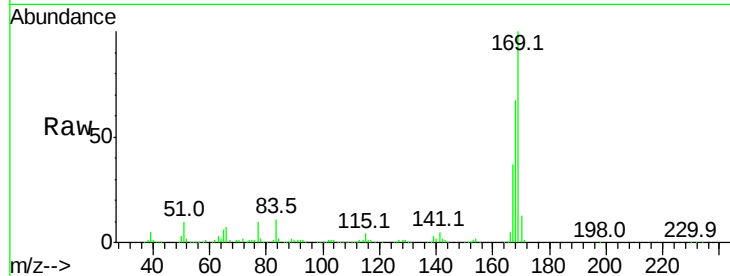
#65
n-Nitrosodiphenylamine
Concen: 37.65 ng
RT: 10.27 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		822319		
168	67.3	54.2		81.2	
167	36.6	30.2		45.4	

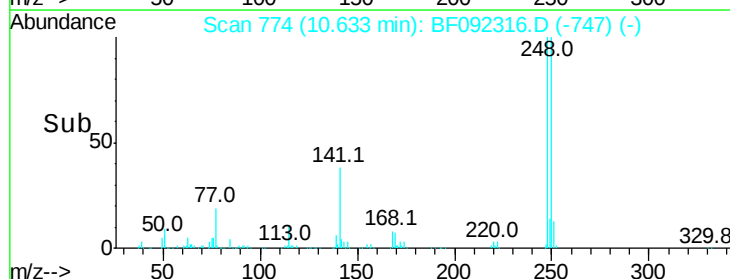
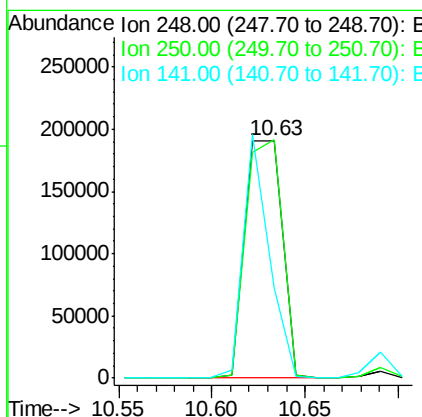
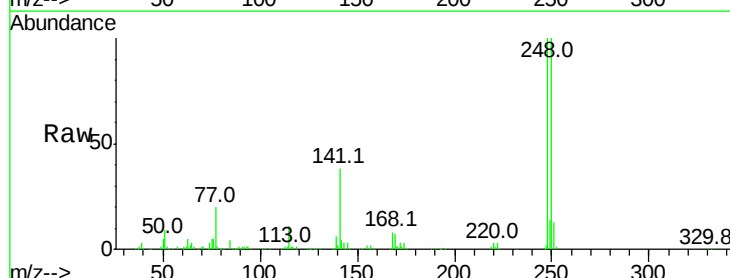
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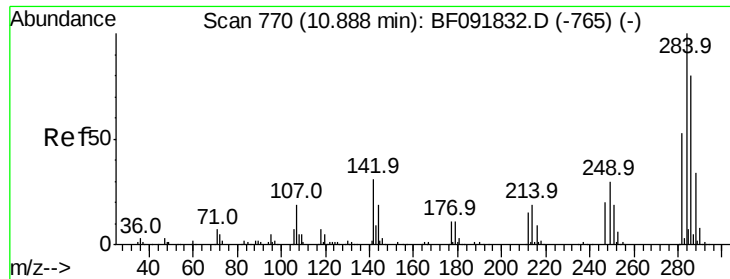
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#66
4-Bromophenyl-phenylether
Concen: 34.64 ng
RT: 10.63 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		265174		
250	100.1	76.9		115.3	
141	37.7	68.2		102.4	





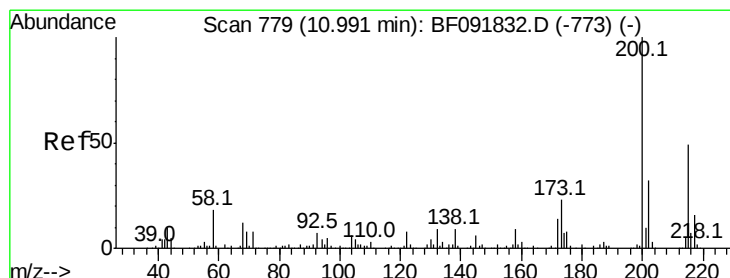
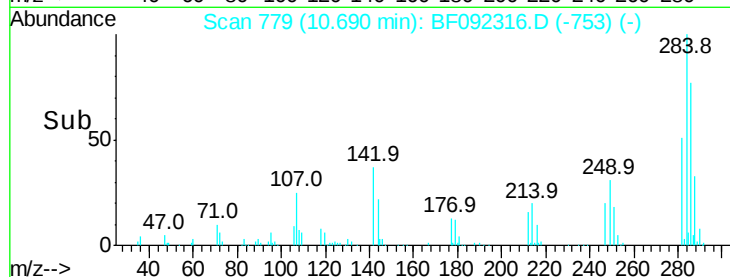
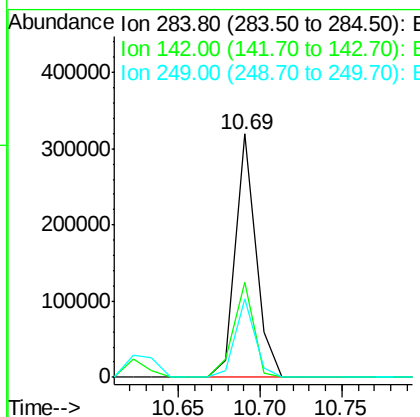
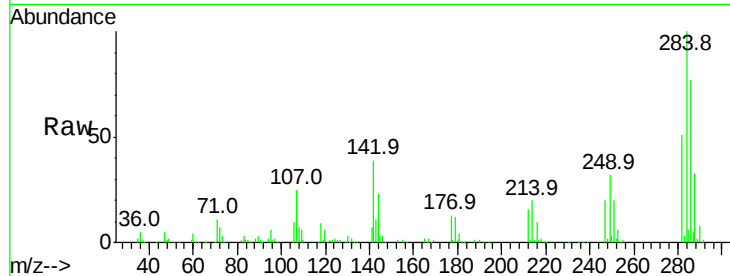
#67
Hexachlorobenzene
Concen: 33.69 ng
RT: 10.69 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
284	100	275733		
142	39.2	22.6	33.8#	
249	32.3	25.4	38.0	

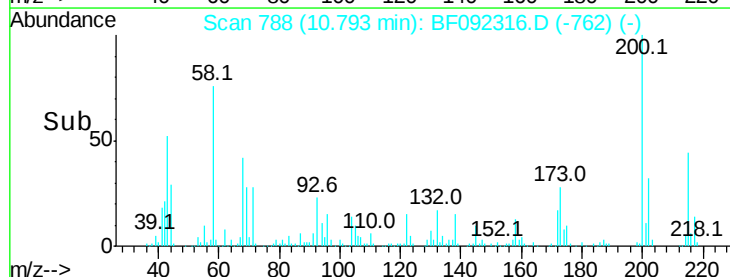
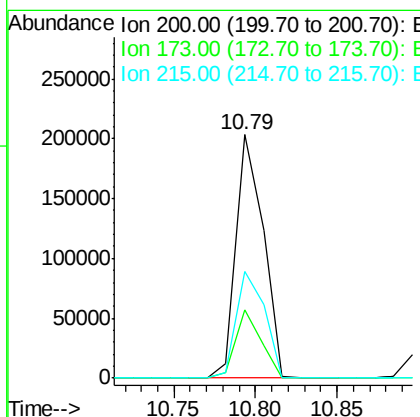
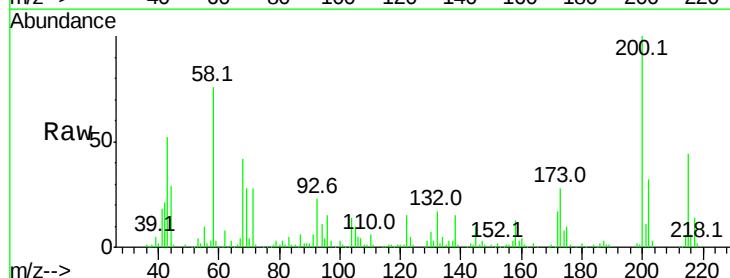
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#68
Atrazine
Concen: 33.16 ng
RT: 10.79 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	233574		
173	27.8	9.6	49.6	
215	43.8	25.7	65.7	





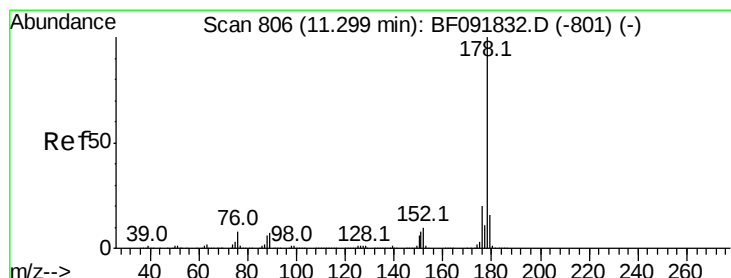
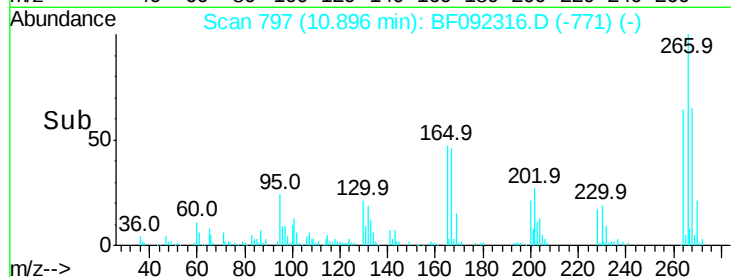
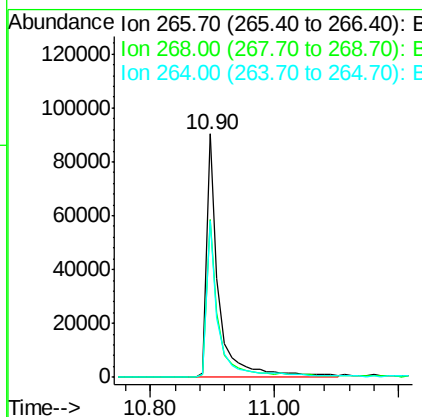
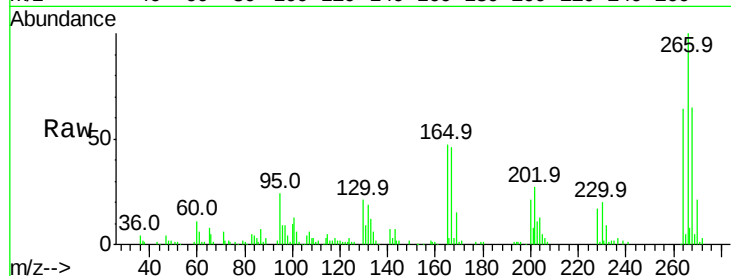
#69
 Pentachlorophenol
 Concen: 30.65 ng
 RT: 10.90 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	123079		
268	65.1	53.3	79.9	
264	64.4	50.3	75.5	

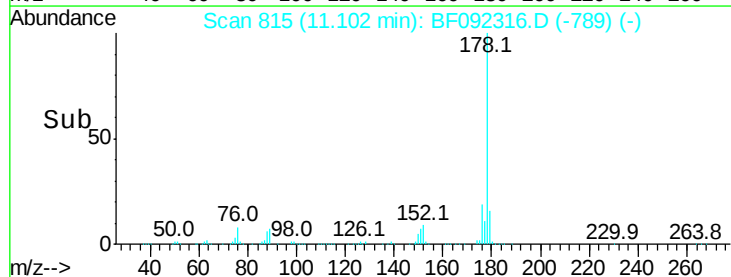
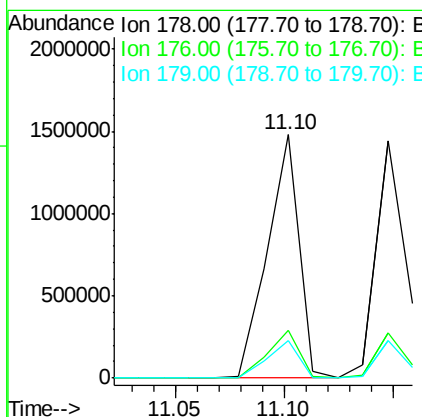
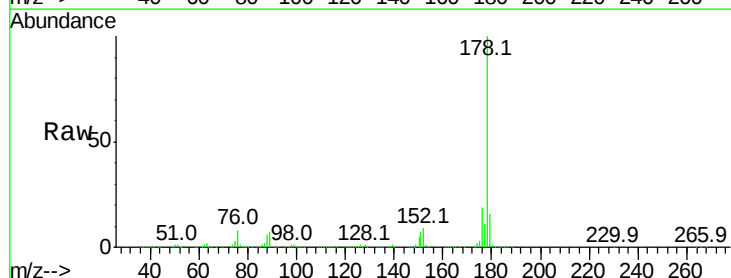
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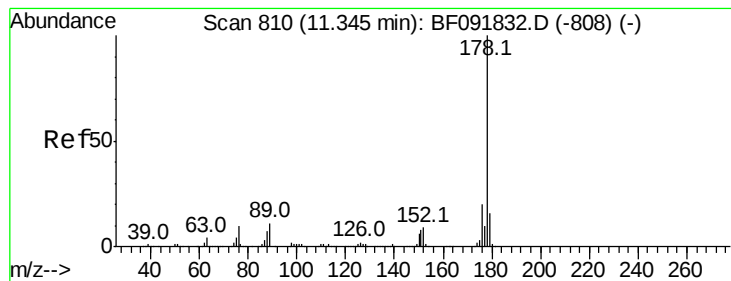
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#70
 Phenanthrene
 Concen: 37.75 ng
 RT: 11.10 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1506646		
176	19.5	16.6	25.0	
179	15.7	12.8	19.2	





#71
 Anthracene
 Concen: 36.50 ng
 RT: 11.15 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

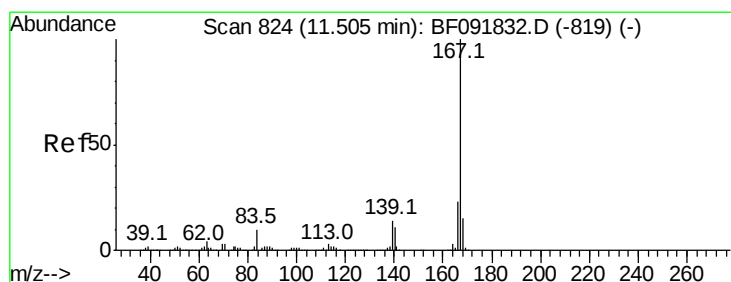
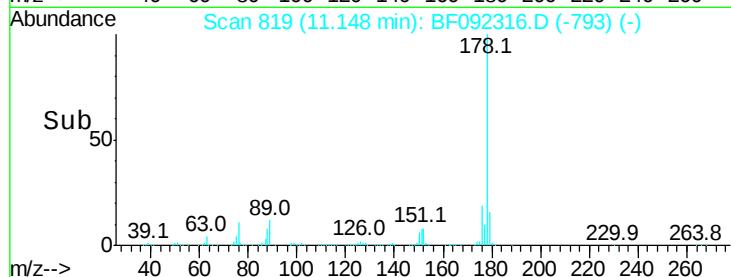
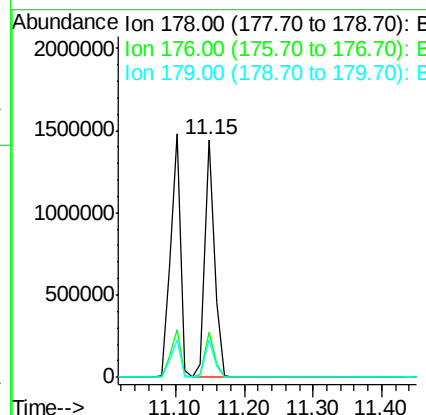
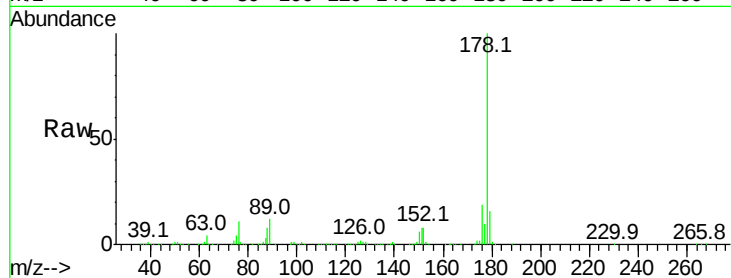
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 1376436

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	16.0	13.2	19.8

Manual Integrations
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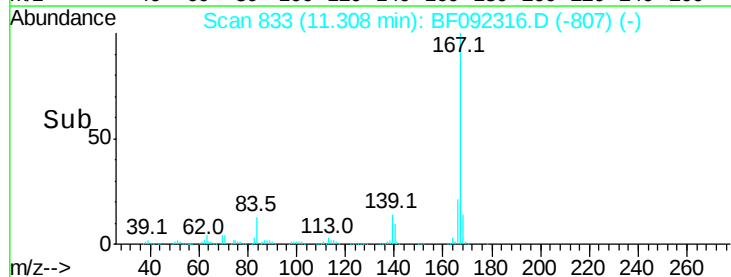
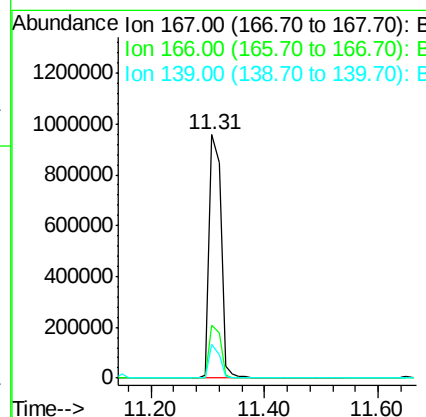
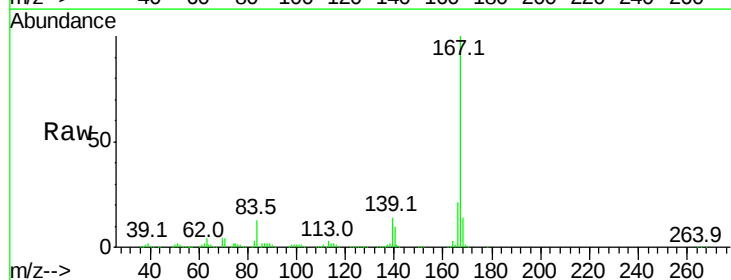
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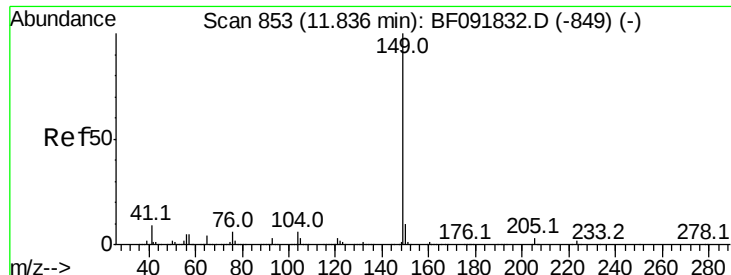


#72
 Carbazole
 Concen: 36.85 ng
 RT: 11.31 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Tgt Ion:167 Resp: 1308876

Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.2	27.2
139	13.9	11.4	17.2





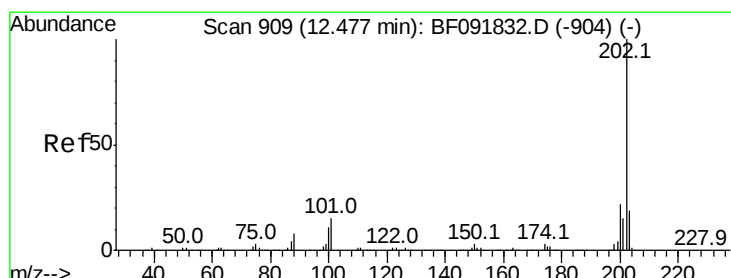
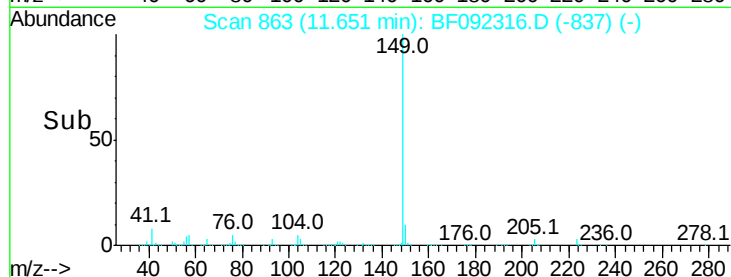
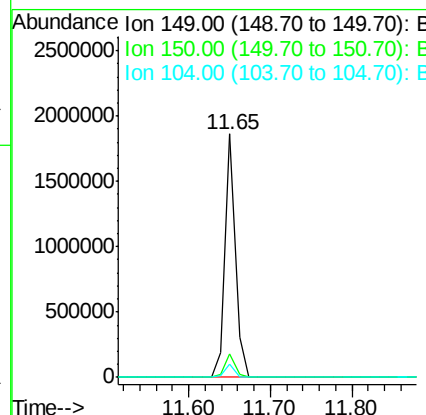
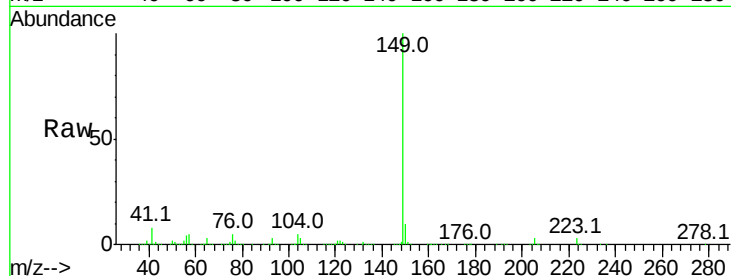
#73
Di-n-butylphthalate
Concen: 42.78 ng
RT: 11.65 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040EC

Tot Ion:149 Resp: 1625481
Ion Ratio Lower Upper
149 100
150 9.9 8.1 12.1
104 5.2 4.6 7.0

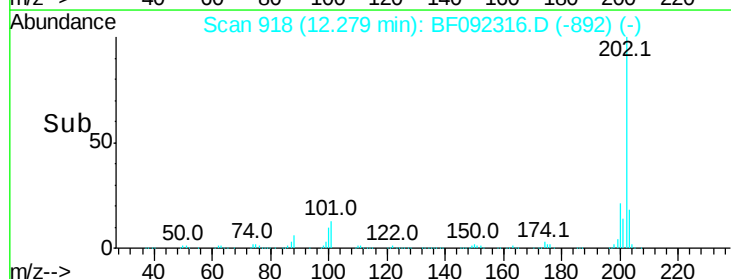
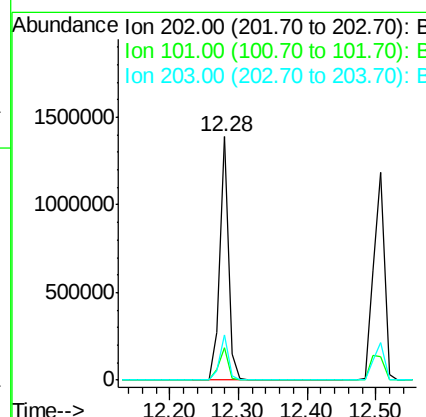
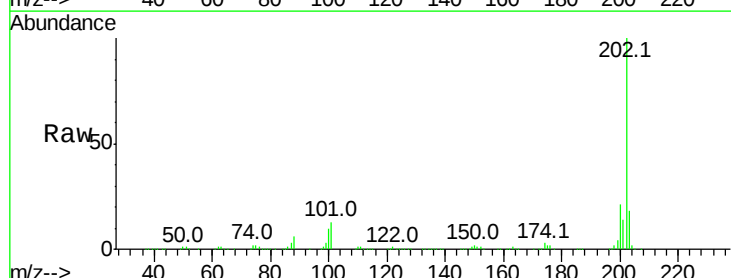
Manual Integrations
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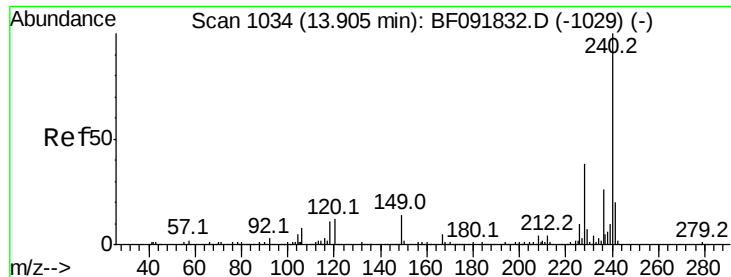
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#74
Fluoranthene
Concen: 35.06 ng
RT: 12.28 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion:202 Resp: 1257239
Ion Ratio Lower Upper
202 100
101 13.1 0.0 34.6
203 18.4 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

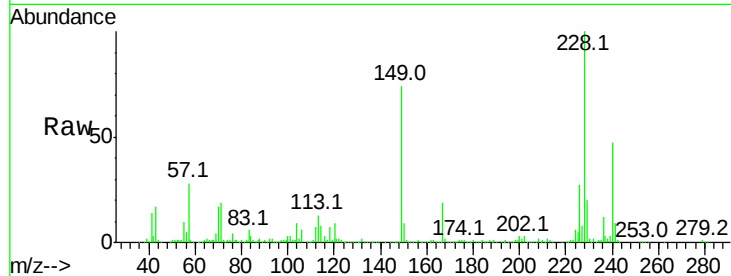
ClientSampleId :

SSTDCCC040EC

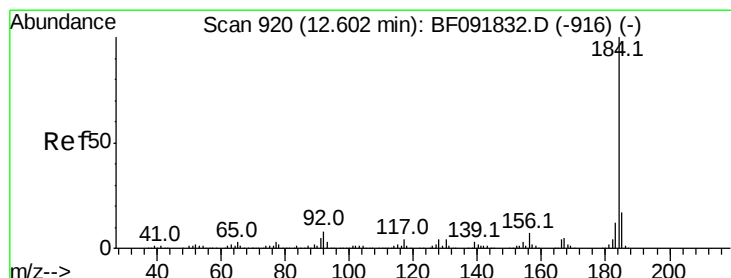
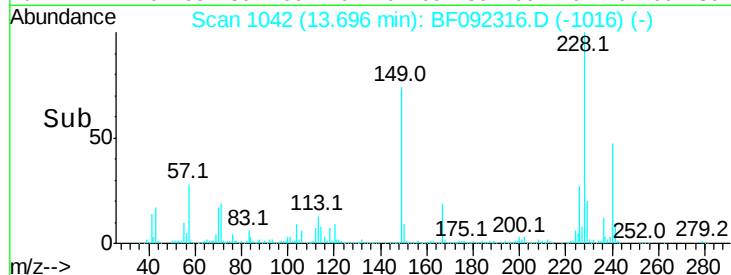
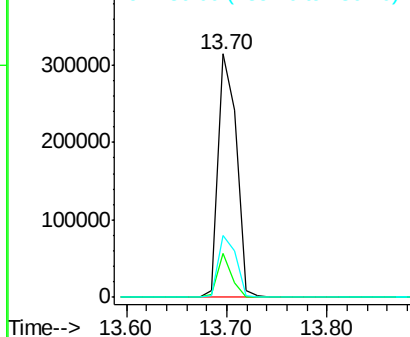
Tot Ion:	240	Resp:	397122
Ion Ratio	Lower	Upper	
240	100		
120	18.1	12.9	19.3
236	25.5	20.9	31.3

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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: 6.84 ng

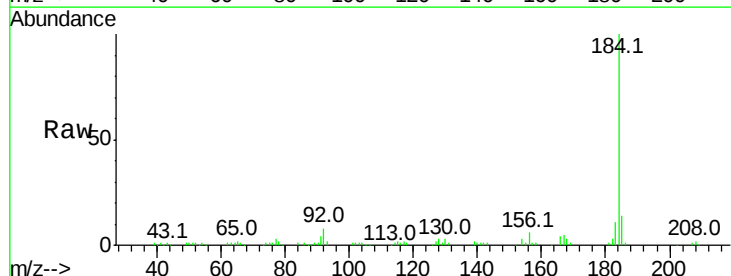
RT: 12.42 min Scan# 930

Delta R.T. -0.00 min

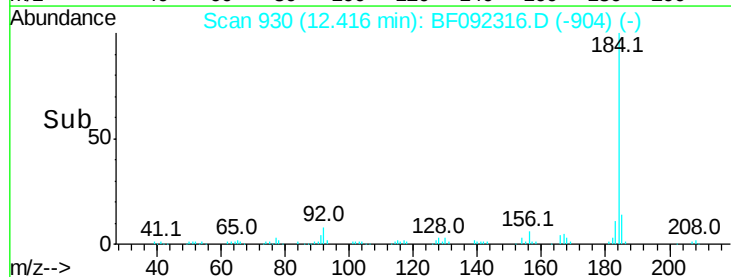
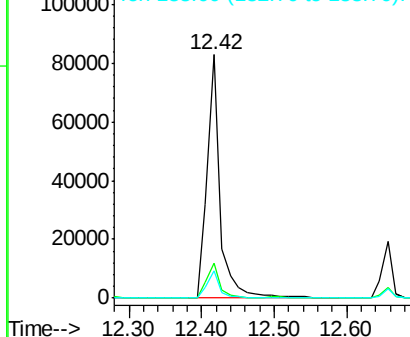
Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Tgt Ion:	184	Resp:	103103
Ion Ratio	Lower	Upper	
184	100		
185	14.1	13.4	20.0
183	11.4	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: 44.01 ng

RT: 12.51 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 1282195

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

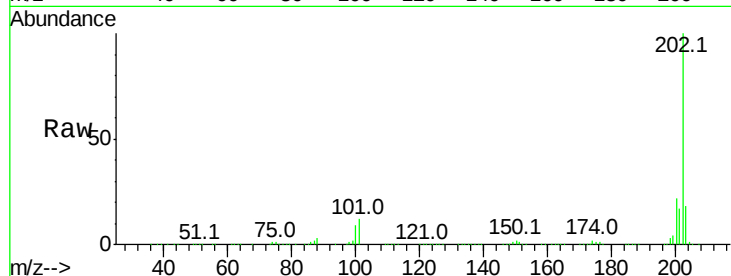
203 17.9 14.7 22.1

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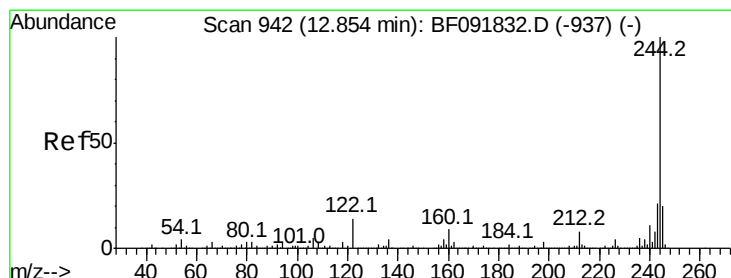
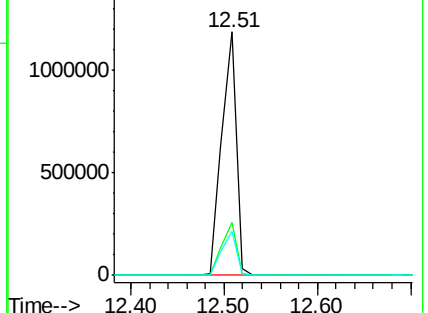
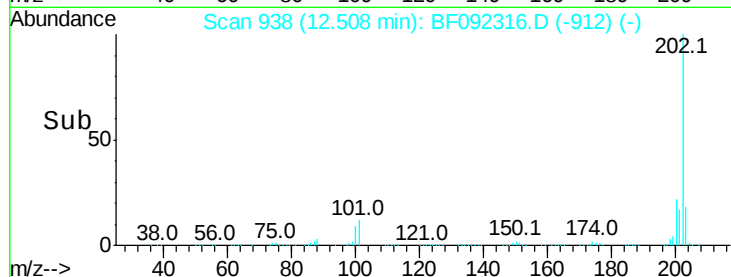
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 83.60 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

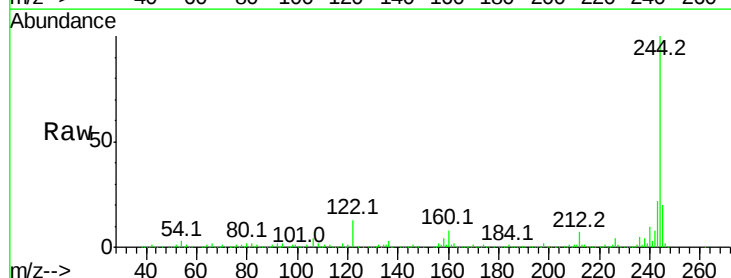
Tgt Ion:244 Resp: 1368879

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

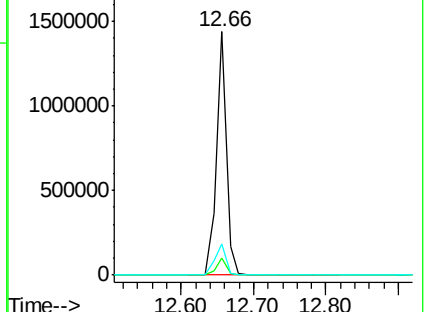
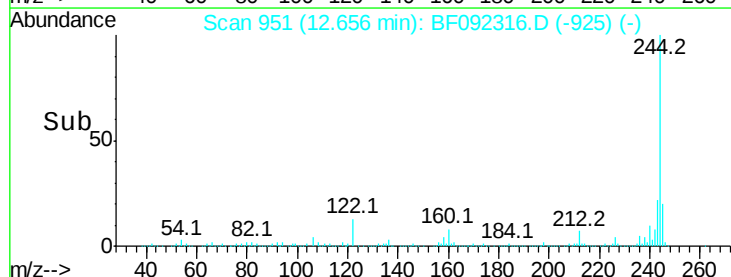
122 12.8 11.4 17.2

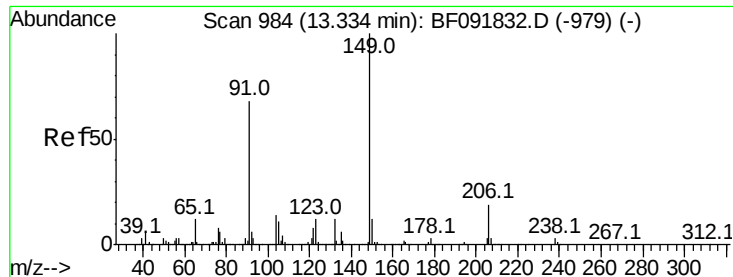


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





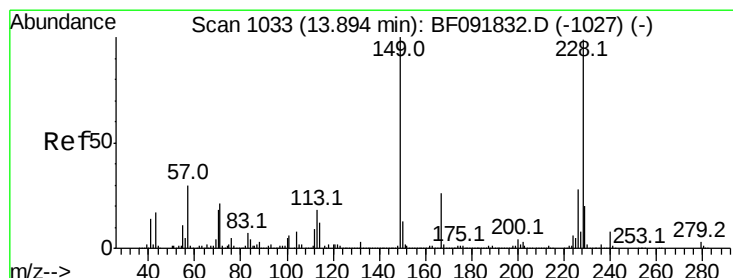
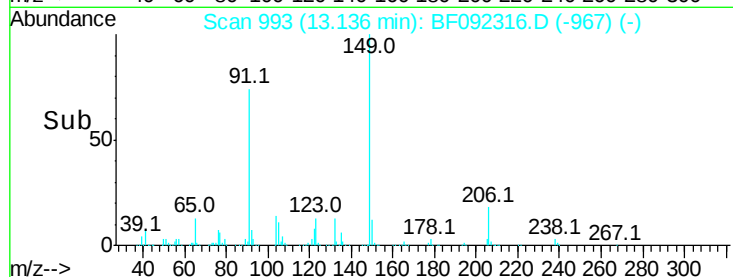
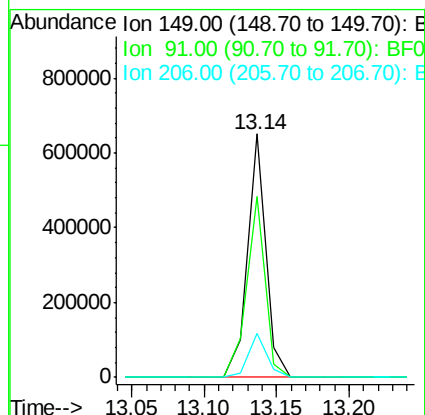
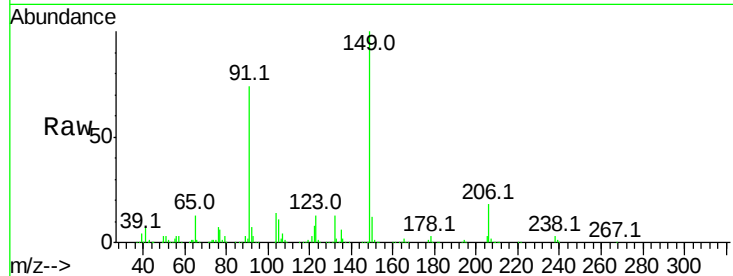
#79
Butylbenzylphthalate
Concen: 43.11 ng
RT: 13.14 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.1	63.9	95.9
206	18.1	14.6	21.8

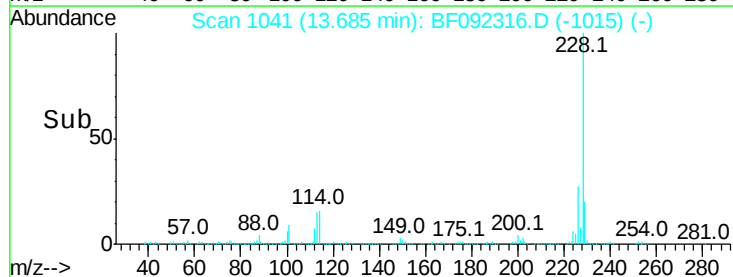
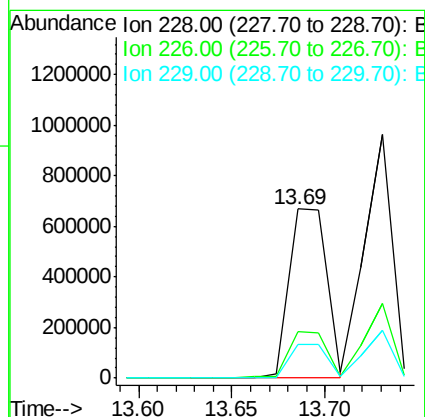
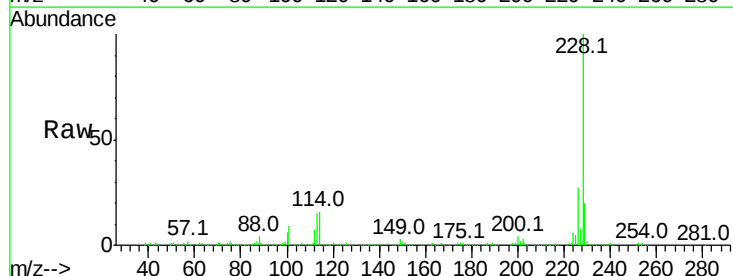
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#80
Benzo(a)anthracene
Concen: 42.09 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.4	33.6
229	20.3	16.2	24.4





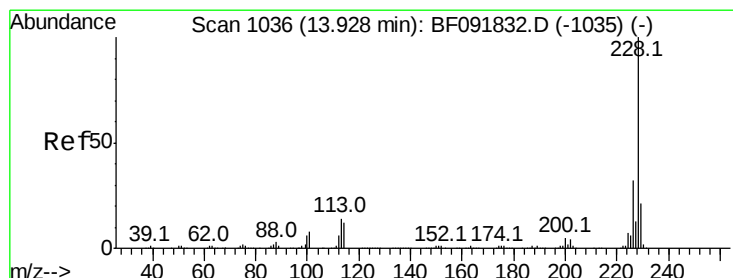
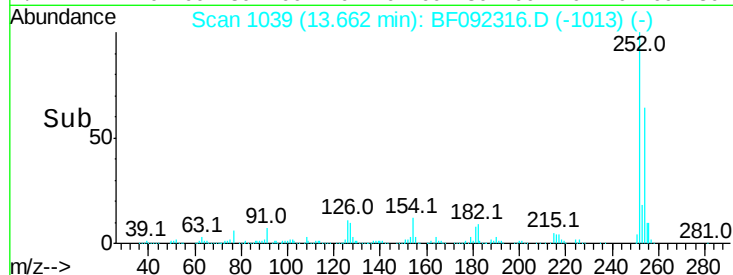
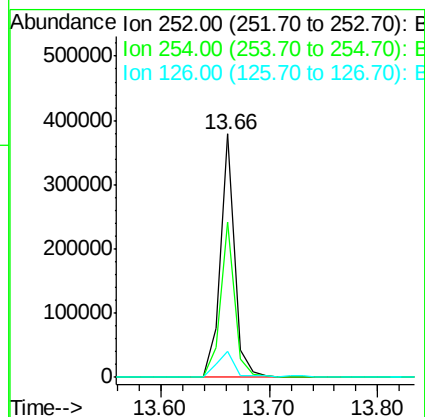
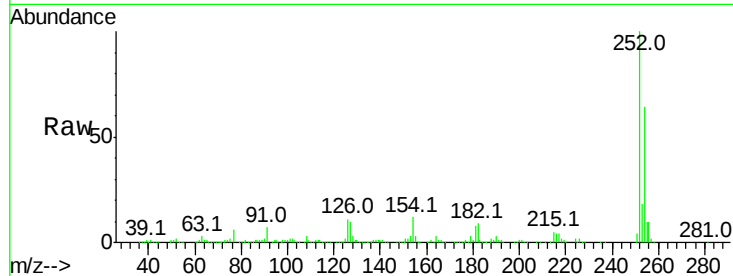
#81
 3,3'-Dichlorobenzidine
 Concen: 41.52 ng
 RT: 13.66 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.3	78.5
126	10.9	13.6	20.4

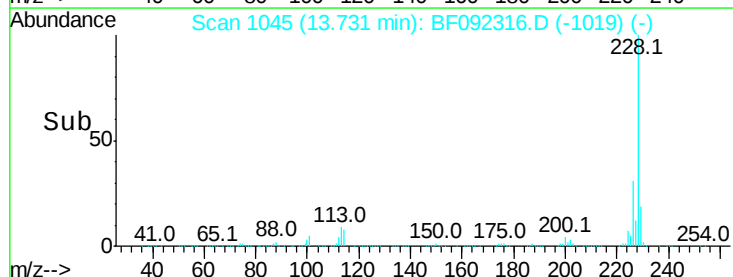
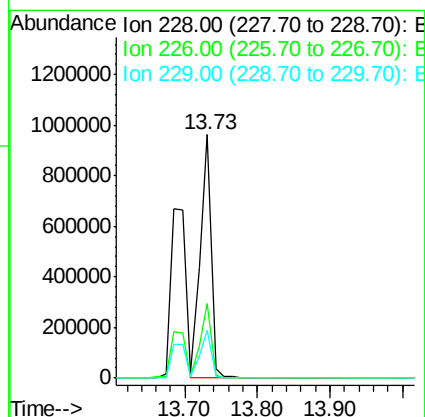
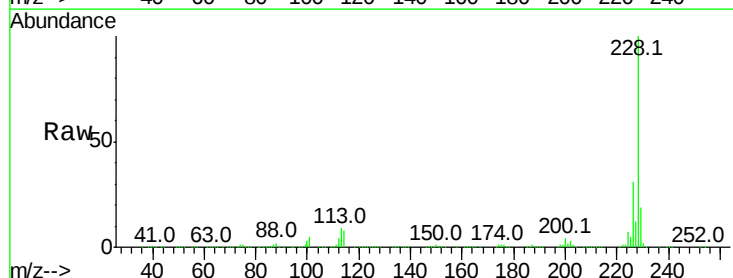
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#82
 Chrysene
 Concen: 44.58 ng
 RT: 13.73 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.0
229	19.4	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.69 ng

RT: 13.71 min Scan# 1043

Delta R.T. 0.01 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 728729

Ion Ratio Lower Upper

149 100

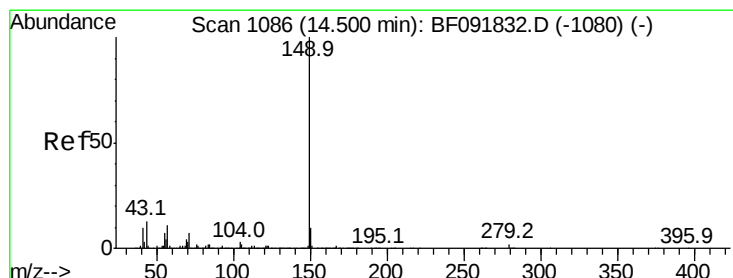
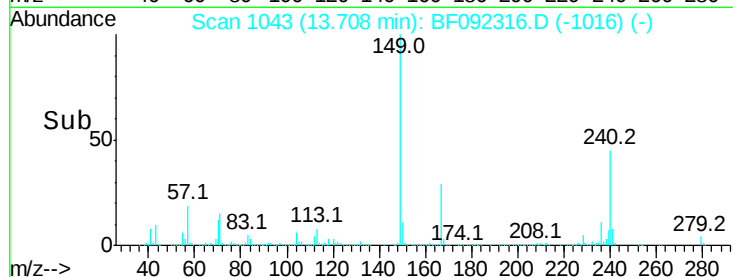
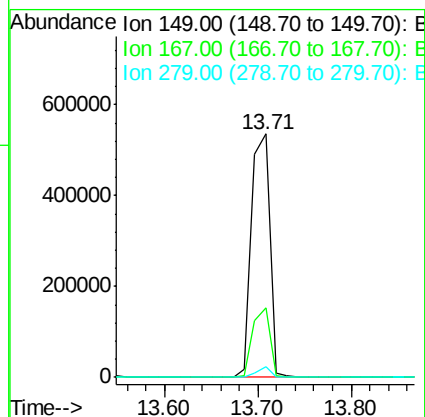
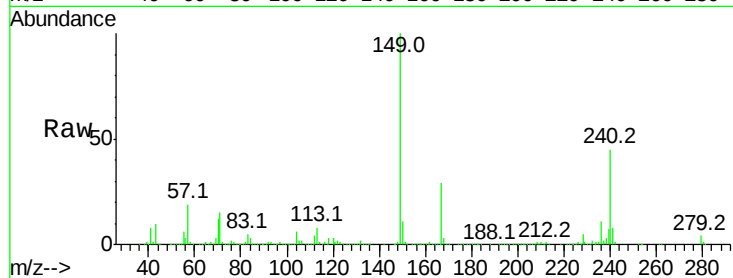
167 28.7 20.2 30.4

279 4.2 1.8 2.8#

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#84

Di-n-octyl phthalate

Concen: 42.37 ng

RT: 14.31 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

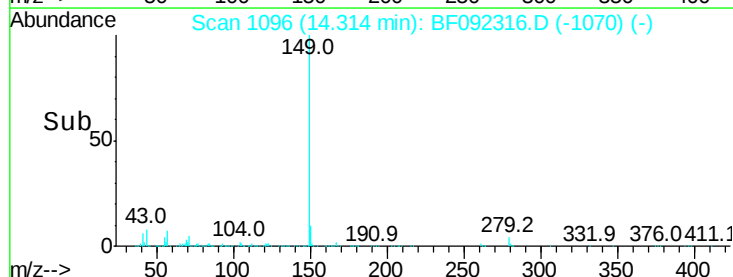
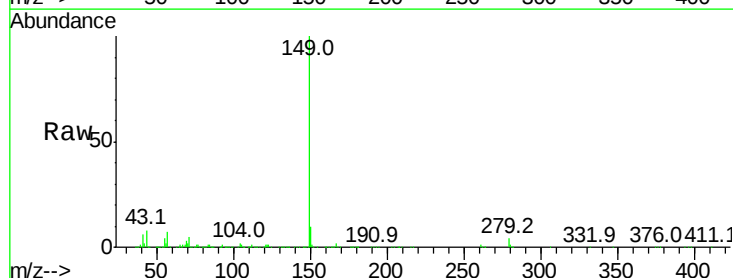
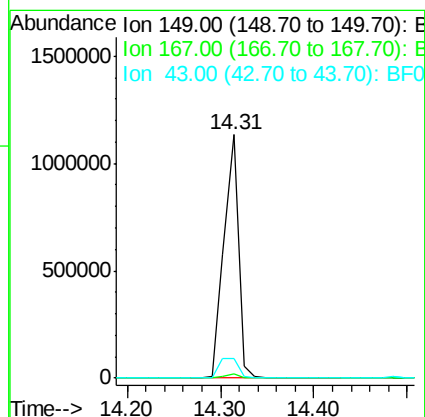
Tgt Ion:149 Resp: 1224954

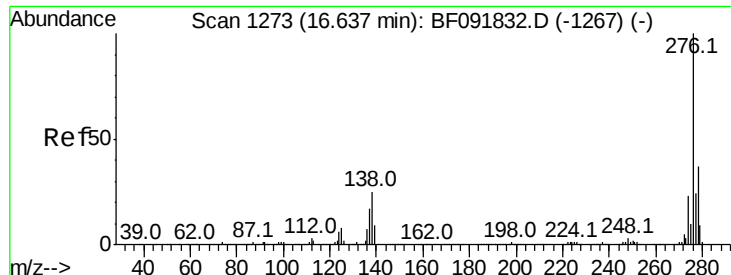
Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.9 8.9 13.3





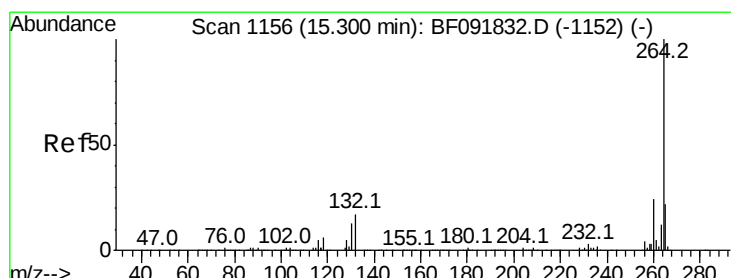
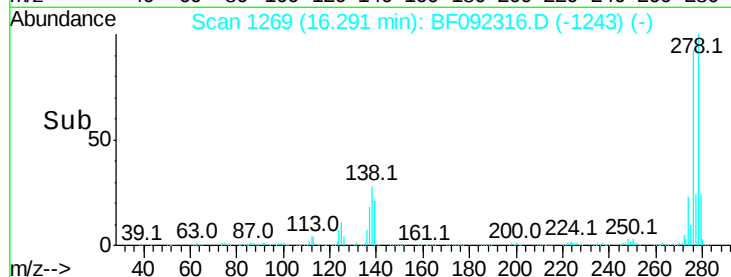
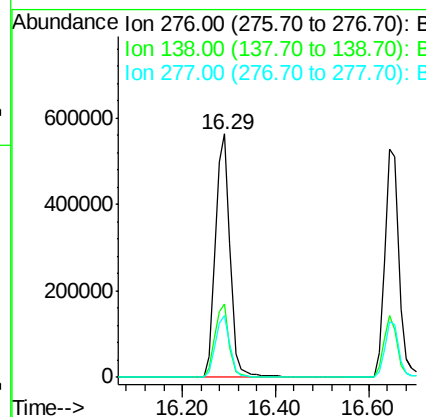
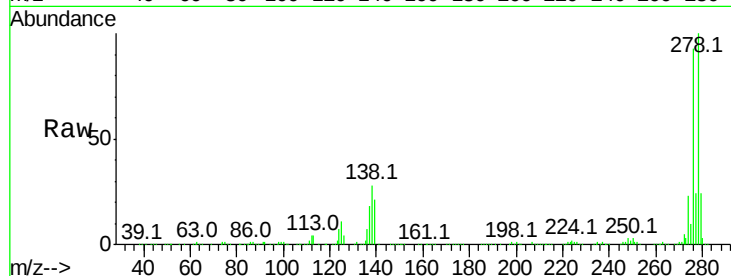
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 63.85 ng
 RT: 16.29 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	21.8	32.6
277	25.3	20.2	30.4

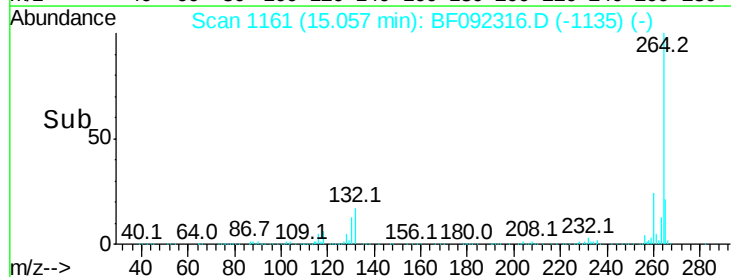
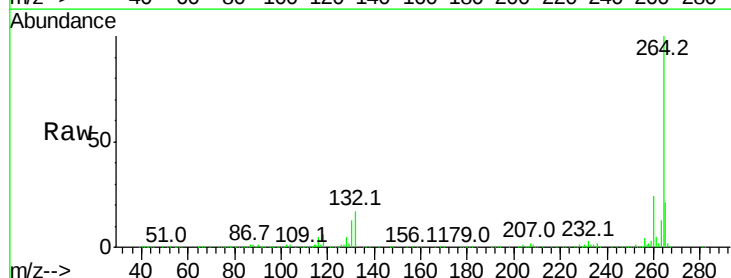
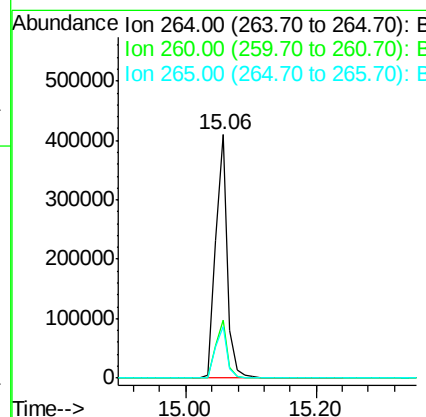
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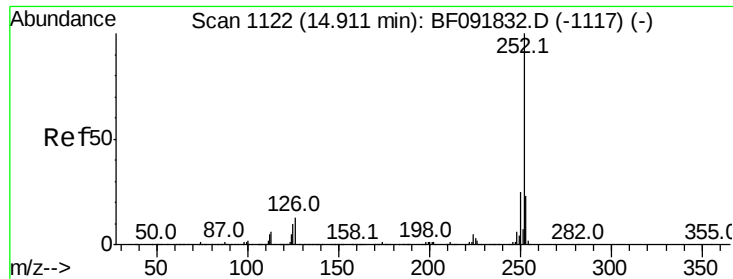
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 31.21 ng m

RT: 14.69 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:252 Resp: 1006236

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

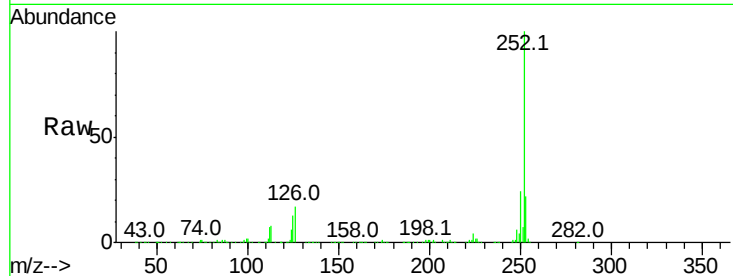
125 12.8 9.8 14.6

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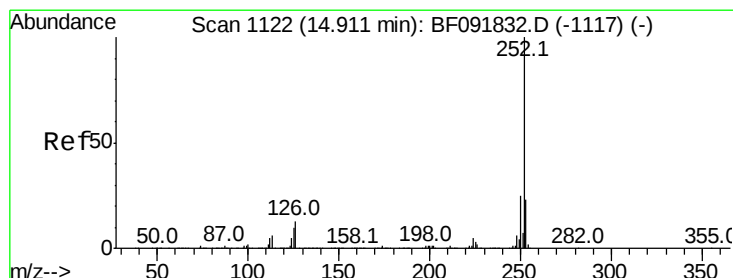
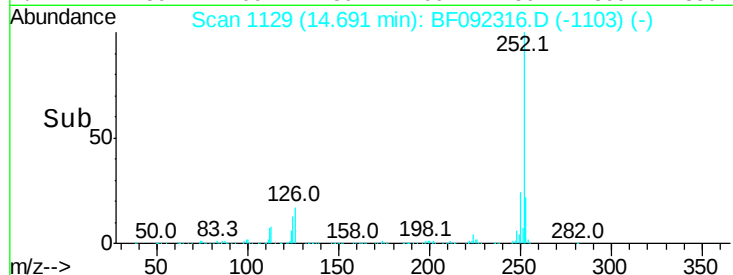
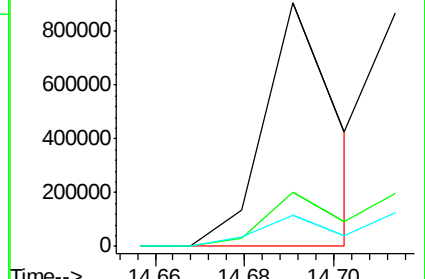
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.43 ng m

RT: 14.71 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BF092316.D

Acq: 17 Jan 2017 7:56

Tgt Ion:252 Resp: 973948

Ion Ratio Lower Upper

252 100

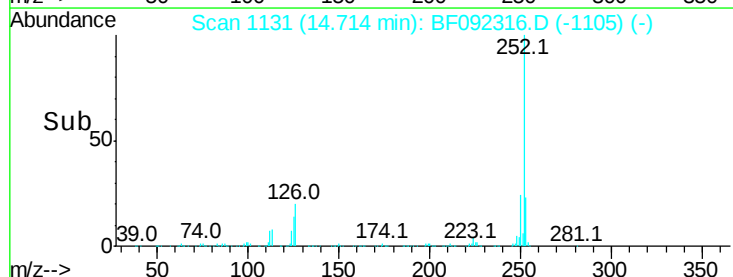
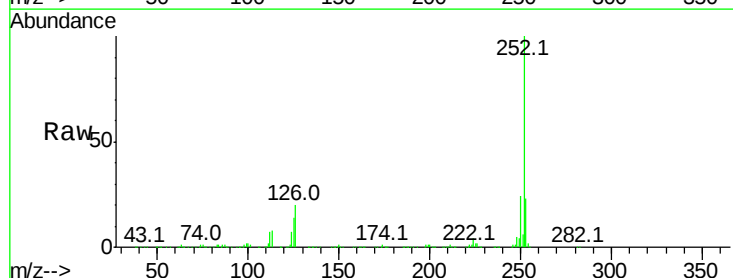
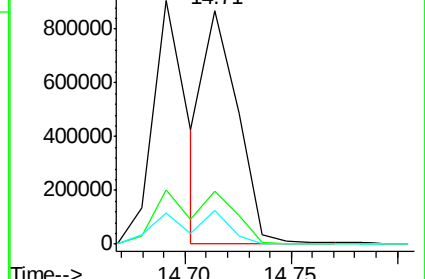
253 22.8 18.5 27.7

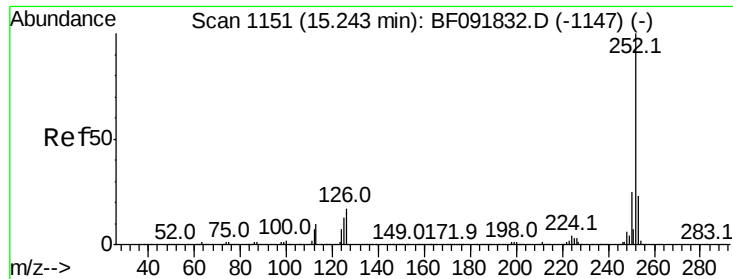
125 14.2 8.9 13.3#

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





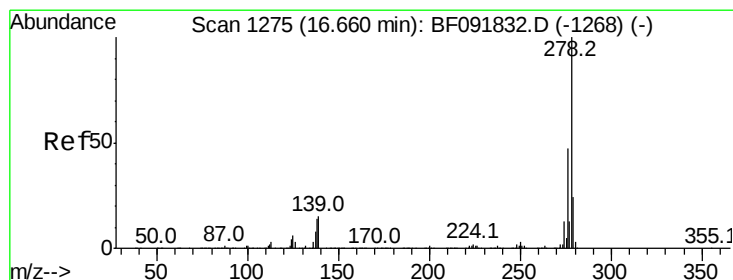
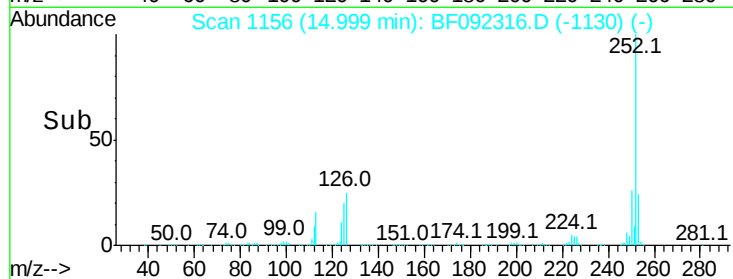
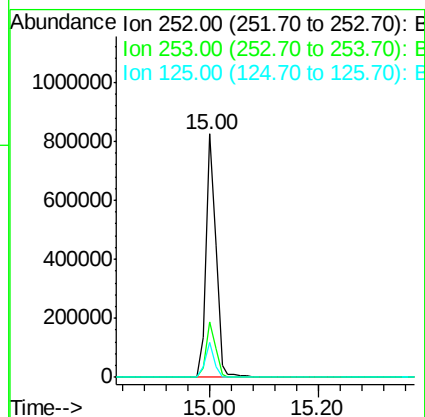
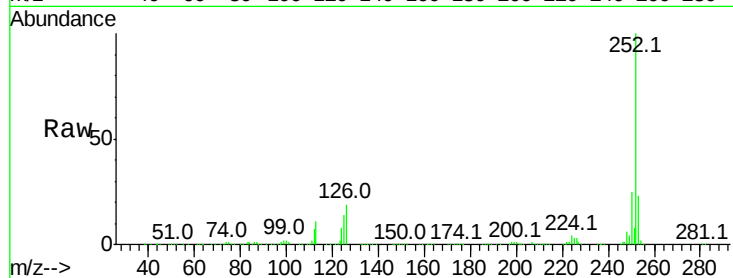
#89
Benzo(a)pyrene
Concen: 35.68 ng
RT: 15.00 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 1021104
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 14.5 10.0 15.0

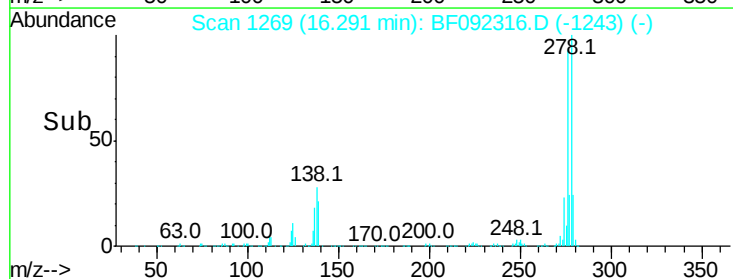
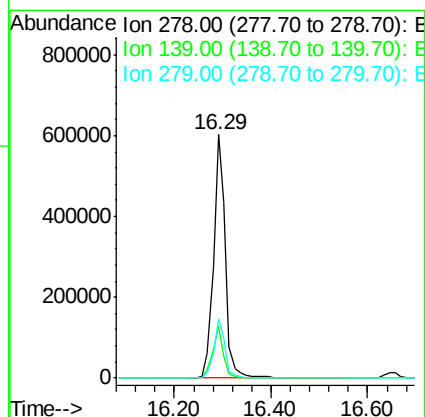
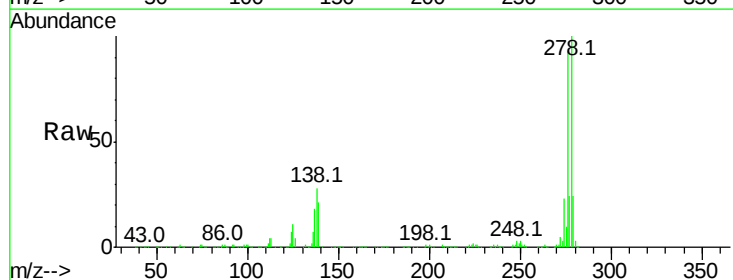
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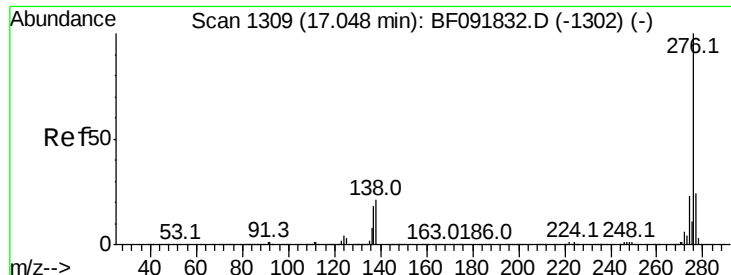
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 44.73 ng
RT: 16.29 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF092316.D
Acq: 17 Jan 2017 7:56

Tgt Ion:278 Resp: 1051957
Ion Ratio Lower Upper
278 100
139 21.1 14.8 22.2
279 24.4 19.8 29.6





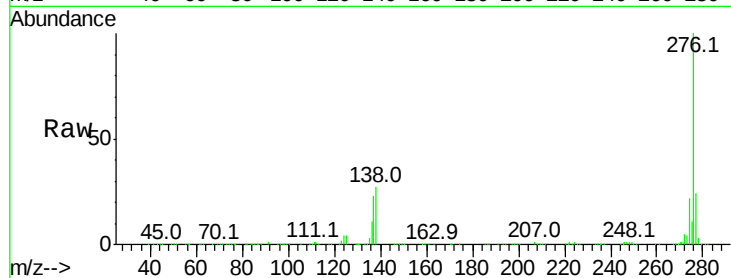
#91
 Benzo(a,h,i)perylene
 Concen: 45.73 ng
 RT: 16.65 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF092316.D
 Acq: 17 Jan 2017 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	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

