

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
 Data File : BF092045.D
 Acq On : 30 Dec 2016 14:29
 Operator : UM/SJ
 Sample : H6262-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-4(55-57)MS

Manual Integrations
 APPROVED

mohammad
 1/3/2017 9:14:14 AM

Quant Time: Dec 30 16:07:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	200422	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	727531	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	380661	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	648211	20.00	ng	-0.03
75) Chrysene-d12	13.84	240	474235	20.00	ng	-0.03
86) Perylene-d12	15.21	264	425570	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1769811	147.44	ng	-0.02
7) Phenol-d6	6.35	99	2400878	163.83	ng	-0.03
23) Nitrobenzene-d5	7.25	82	1544435	118.04	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	520273	165.15	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	2038269	114.13	ng	-0.03
78) Terphenyl-d14	12.79	244	2115056	108.17	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.20	88	288850	48.88	ng	97
3) Pyridine	2.86	79	705475	34.21	ng	97
4) n-Nitrosodimethylamine	2.83	42	347759	44.70	ng	99
6) Aniline	6.35	93	718734	37.76	ng	# 62
8) 2-Chlorophenol	6.48	128	764582	56.00	ng	96
9) Benzaldehyde	6.22	77	87583	7.99	ng	100
10) Phenol	6.36	94	774650	46.39	ng	94
11) bis(2-Chloroethyl)ether	6.43	93	757417	57.00	ng	97
12) 1,3-Dichlorobenzene	6.62	146	740837	50.83	ng	97
13) 1,4-Dichlorobenzene	6.70	146	732201	49.35	ng	93
14) 1,2-Dichlorobenzene	6.85	146	659220	51.21	ng	99
15) Benzyl Alcohol	6.84	79	558297	49.03	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1050316	53.08	ng	85
17) 2-Methylphenol	6.97	107	607467	55.32	ng	# 94
18) Hexachloroethane	7.20	117	276647	50.30	ng	100
19) n-Nitroso-di-n-propylamine	7.12	70	583885	59.89	ng	# 91
20) 3+4-Methylphenols	7.13	107	848655	64.80	ng	# 72
22) Acetophenone	7.10	105	1104884	61.57	ng	# 91
24) Nitrobenzene	7.28	77	898786	64.50	ng	92
25) Isophorone	7.52	82	1455759	60.31	ng	96
26) 2-Nitrophenol	7.60	139	380276	55.34	ng	# 79
27) 2,4-Dimethylphenol	7.64	122	491342	43.11	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	789998	53.97	ng	99
29) 2,4-Dichlorophenol	7.84	162	499440	51.75	ng	87
30) 1,2,4-Trichlorobenzene	7.92	180	528108	49.93	ng	98
31) Naphthalene	8.00	128	1762667	52.94	ng	98
32) Benzoic acid	7.76	122	108753	12.86	ng	97
33) 4-Chloroaniline	8.05	127	409587	27.28	ng	# 94
34) Hexachlorobutadiene	8.11	225	272760	48.86	ng	98
35) Caprolactam	8.43	113	172211m	54.30	ng	
36) 4-Chloro-3-methylphenol	8.56	107	578939	52.13	ng	99
37) 2-Methylnaphthalene	8.68	142	1079008	61.64	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	500887	52.08	ng	98
40) Hexachlorocyclopentadiene	8.84	237	443888	102.46	ng	98

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Quant Time: Dec 30 16:07:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	344075	51.16	nq	96
43) 2,4,5-Trichlorophenol	9.02	196	378300	54.65	nq #	89
45) 1,1'-Biphenyl	9.15	154	1429512	54.85	nq	99
46) 2-Chloronaphthalene	9.17	162	1073407	52.00	nq	96
47) 2-Nitroaniline	9.28	65	375113	51.04	nq	98
48) Acenaphthylene	9.58	152	1555231	48.99	nq	99
49) Dimethylphthalate	9.47	163	2127546	87.39	nq	100
50) 2,6-Dinitrotoluene	9.53	165	298062	55.93	nq #	77
51) Acenaphthene	9.76	154	1008378	46.85	nq	100
52) 3-Nitroaniline	9.69	138	214953	32.59	nq	100
53) 2,4-Dinitrophenol	9.80	184	142310	48.00	nq #	91
54) Dibenzofuran	9.93	168	1304685	44.89	nq	99
55) 4-Nitrophenol	9.88	139	448008	100.05	nq	96
56) 2,4-Dinitrotoluene	9.93	165	383882	57.40	nq	95
57) Fluorene	10.27	166	1099928	52.02	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	294288	53.75	nq	97
59) Diethylphthalate	10.16	149	1195501	50.56	nq	99
60) 4-Chlorophenyl-phenylether	10.27	204	498810	53.87	nq #	80
61) 4-Nitroaniline	10.30	138	305858	44.76	nq	98
62) Azobenzene	10.42	77	1424542	54.72	nq	98
64) 4,6-Dinitro-2-methylphenol	10.34	198	182256	46.50	nq	88
65) n-Nitrosodiphenylamine	10.38	169	1011847	52.61	nq	98
66) 4-Bromophenyl-phenylether	10.75	248	320715	47.56	nq	98
67) Hexachlorobenzene	10.82	284	370609	51.42	nq	98
68) Atrazine	10.92	200	301386	48.57	nq	97
69) Pentachlorophenol	11.01	266	362180	102.41	nq	98
70) Phenanthrene	11.23	178	1868639	53.16	nq	99
71) Anthracene	11.28	178	1618406	57.21	nq	99
72) Carbazole	11.44	167	1483243	60.71	nq	99
73) Di-n-butylphthalate	11.78	149	2058137	63.48	nq	98
74) Fluoranthene	12.41	202	1994093	66.49	nq	100
76) Benzidine	12.53	184	553295	46.09	nq	100
77) Pyrene	12.64	202	1970961	56.65	nq	100
79) Butylbenzylphthalate	13.27	149	797523	50.40	nq	100
80) Benzo(a)anthracene	13.83	228	1363505	50.94	nq	100
81) 3,3'-Dichlorobenzidine	13.79	252	368149	36.27	nq	98
82) Chrysene	13.86	228	1297006	48.30	nq	100
83) Bis(2-ethylhexyl)phthalate	13.83	149	1036665	55.63	nq	99
84) Di-n-octyl phthalate	14.44	149	1918255	55.56	nq	99
85) Indeno(1,2,3-cd)pyrene	16.51	276	1163250	50.01	nq	99
87) Benzo(b)fluoranthene	14.83	252	1286911m	48.57	nq	
88) Benzo(k)fluoranthene	14.87	252	1243409m	55.03	nq	
89) Benzo(a)pyrene	15.16	252	1221164	51.93	nq #	96
90) Dibenzo(a,h)anthracene	16.52	278	938240	48.54	nq	98
91) Benzo(g,h,i)perylene	16.90	276	1078701	53.67	nq	96

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

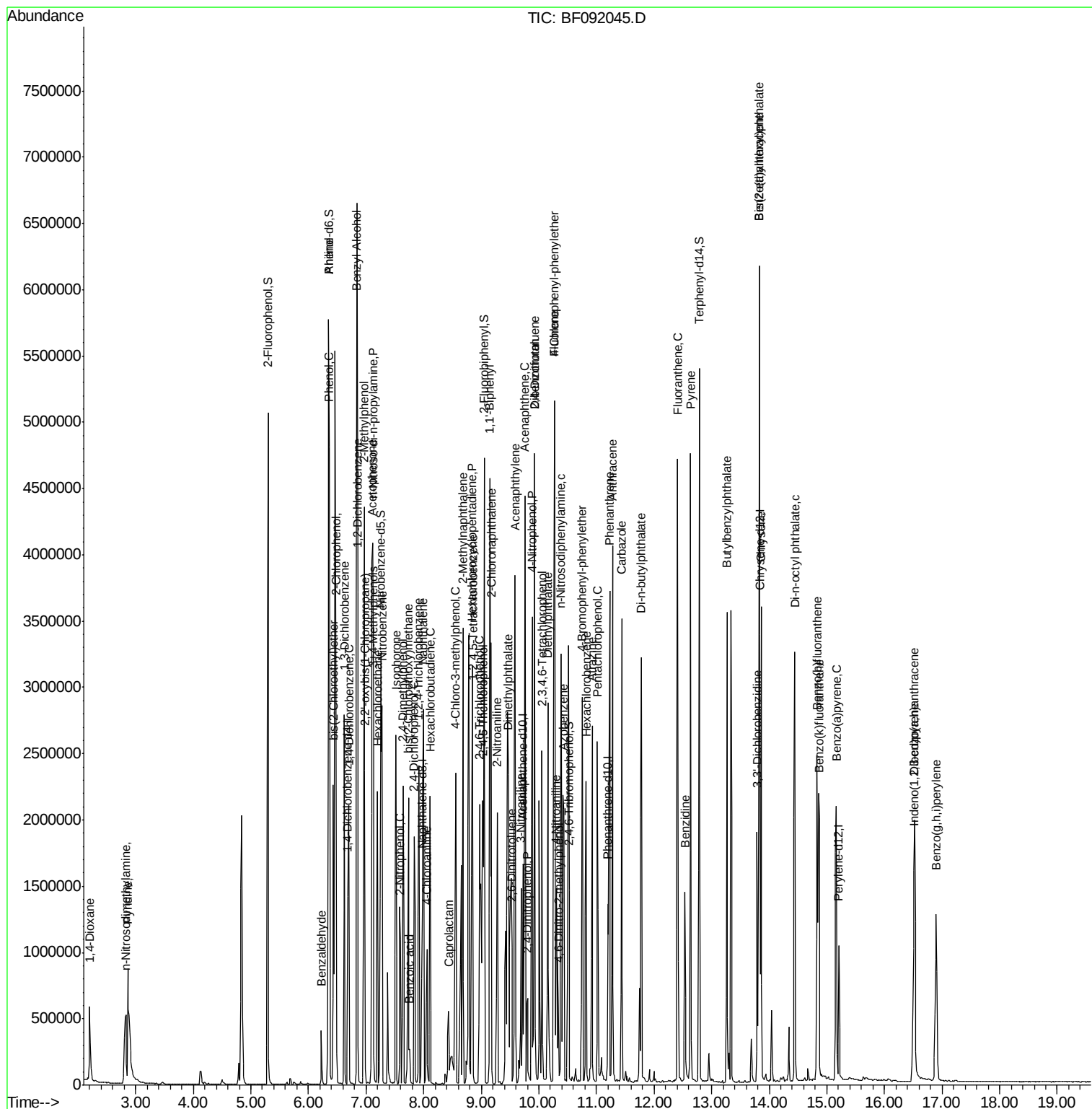
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Data File : BF092045.D  
Acq On    : 30 Dec 2016   14:29  
Operator  : UM/SJ  
Sample    : H6262-01MS  
Misc      :  
ALS Vial  : 7      Sample Multiplier: 1
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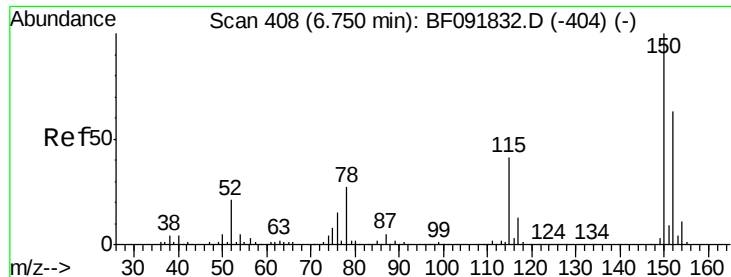
Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

Manual Integrations APPROVED

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Instrument :

BNA_F

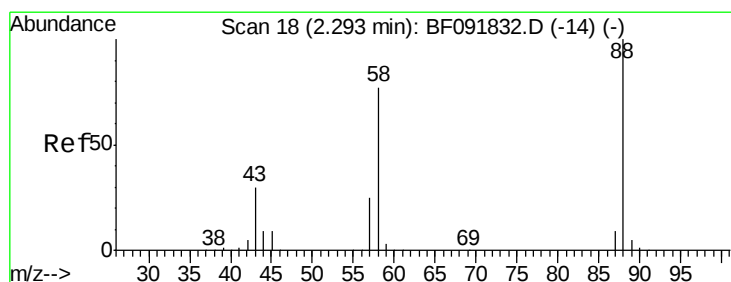
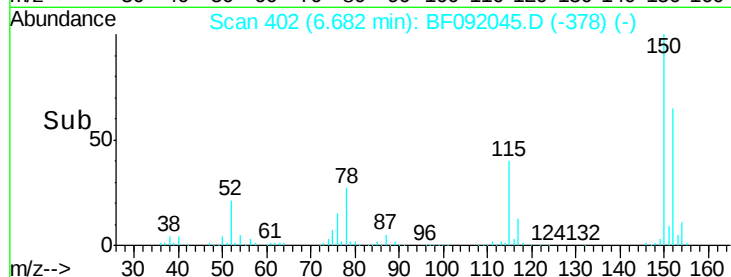
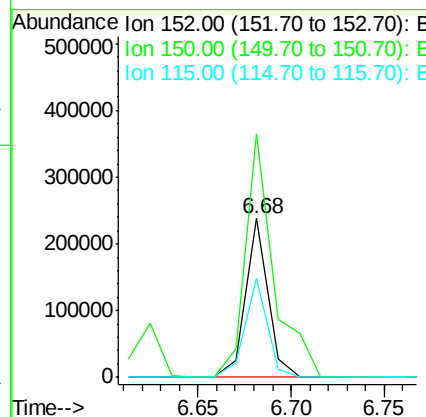
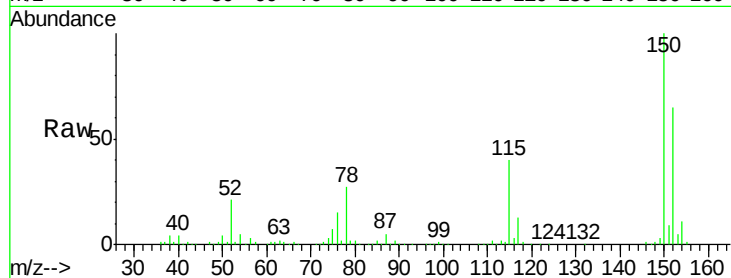
ClientSampleId :

W-4(55-57)MS

Tot Ion:	152	Resp:	200422
Ion Ratio	Lower	Upper	
152	100		
150	153.5	124.9	187.3
115	62.1	46.0	69.0

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#2

1,4-Dioxane

Concen: 48.88 ng

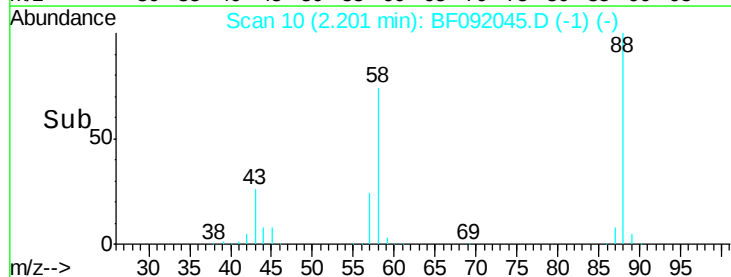
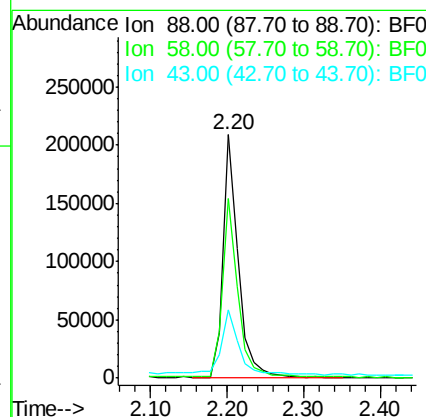
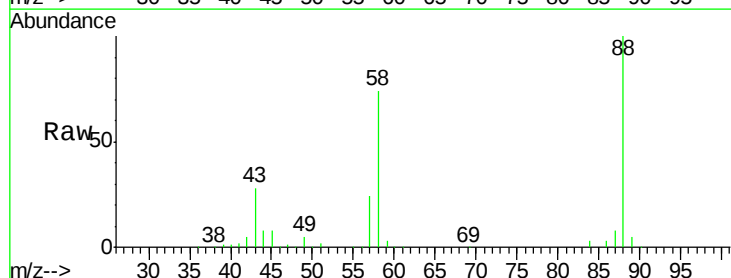
RT: 2.20 min Scan# 10

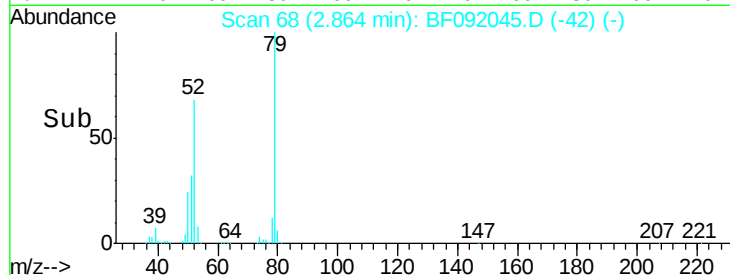
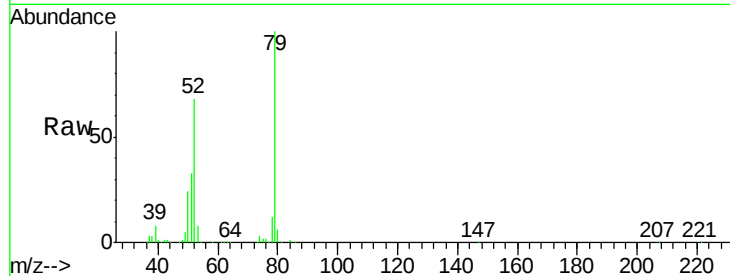
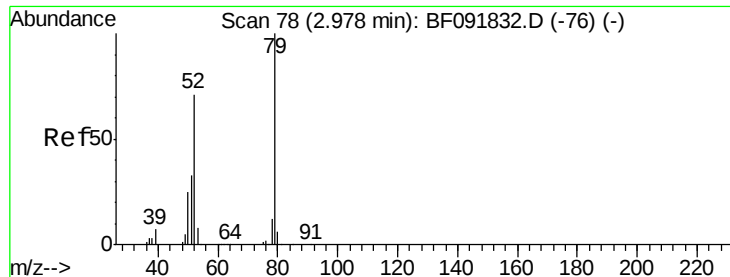
Delta R.T. 0.01 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Tgt Ion:	88	Resp:	288850
Ion Ratio	Lower	Upper	
88	100		
58	73.9	57.8	86.8
43	30.9	22.3	33.5





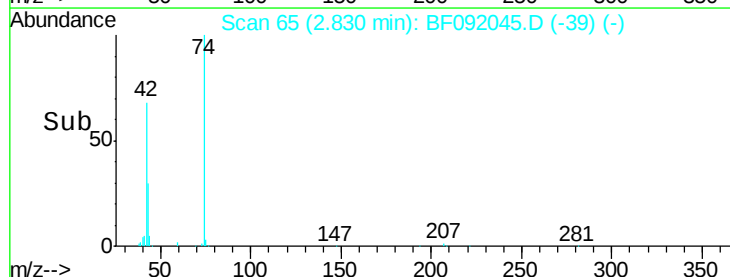
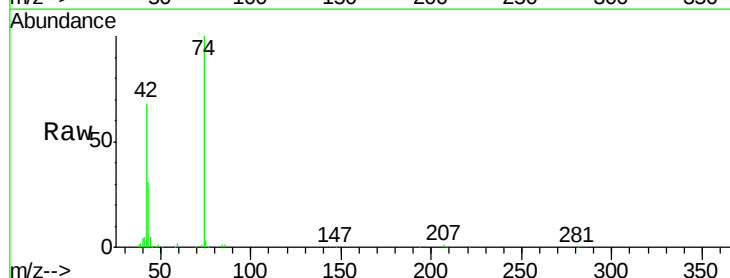
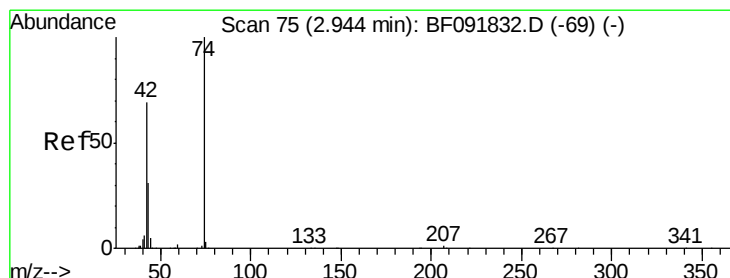
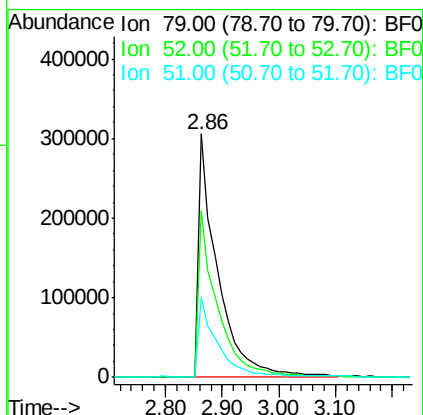
#3
Pvridine
Concen: 34.21 ng
RT: 2.86 min Scan# 68
Delta R.T. -0.00 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.4	57.1	85.7
51	32.5	27.3	40.9

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

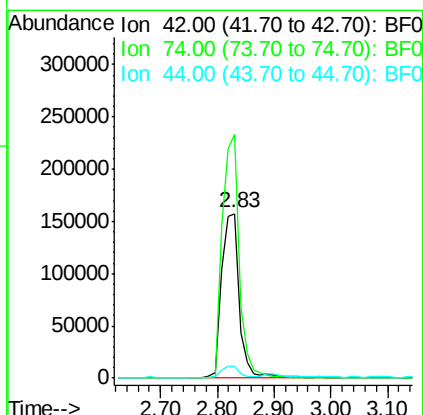
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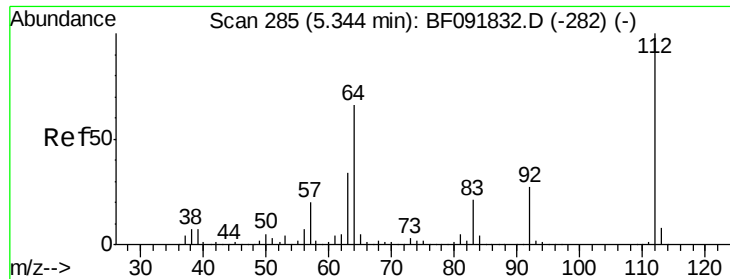
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#4
n-Nitrosodimethylamine
Concen: 44.70 ng
RT: 2.83 min Scan# 65
Delta R.T. -0.00 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	147.8	117.0	175.4
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 147.44 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Instrument :

BNA_F

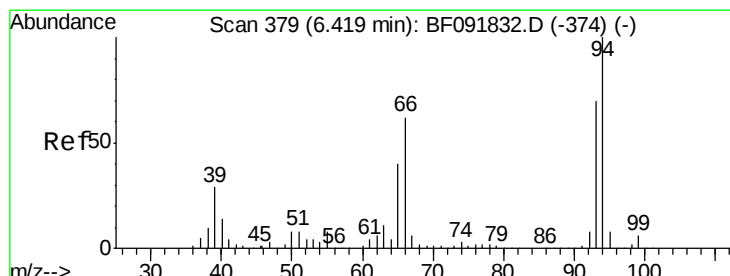
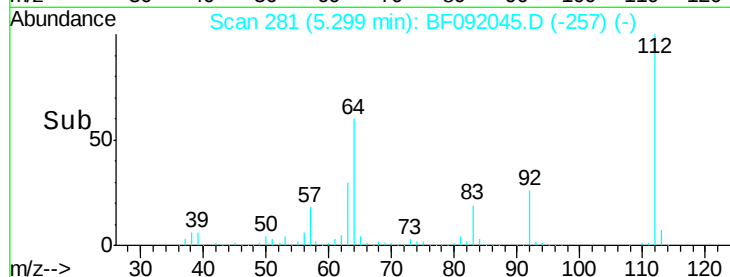
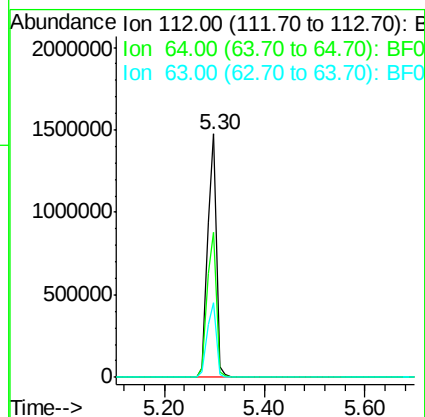
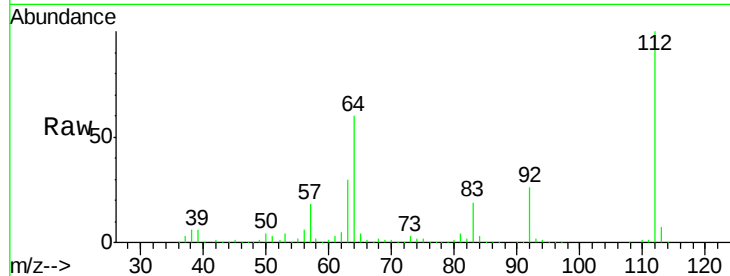
ClientSampleId :

W-4(55-57)MS

Tot Ion:	112	Resp:	1769811
Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.1	69.1
63	30.4	23.8	35.6

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#6

Aniline

Concen: 37.76 ng

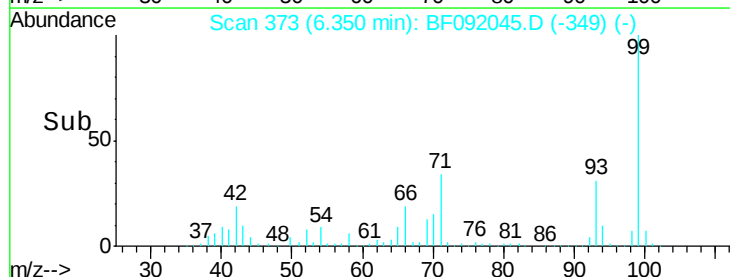
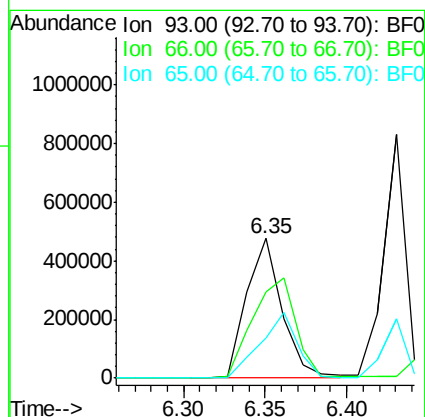
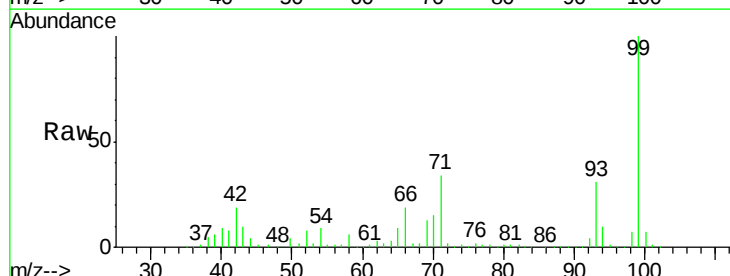
RT: 6.35 min Scan# 373

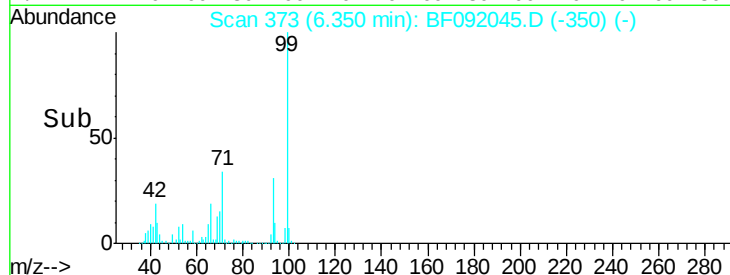
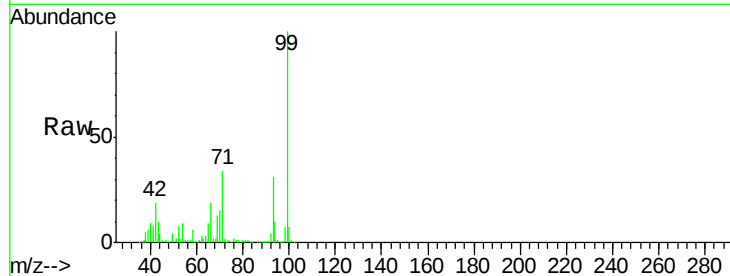
Delta R.T. -0.02 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Tgt Ion:	93	Resp:	718734
Ion	Ratio	Lower	Upper
93	100		
66	61.9	76.2	114.2#
65	28.7	49.3	73.9#





#7

Phenol-d6

Concen: 163.83 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Tot Ion: 99 Resp: 2400878

Ion Ratio Lower Upper

99 100

42 19.3 15.6 23.4

71 33.6 27.5 41.3

Instrument :

BNA_F

ClientSampleId :

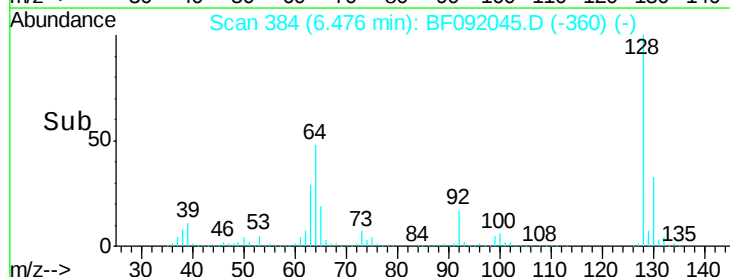
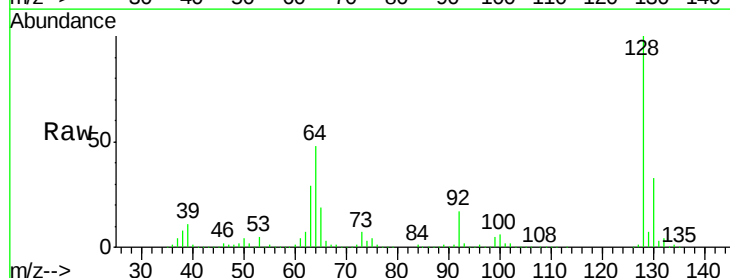
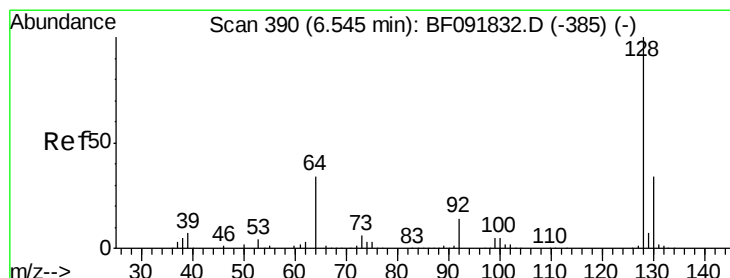
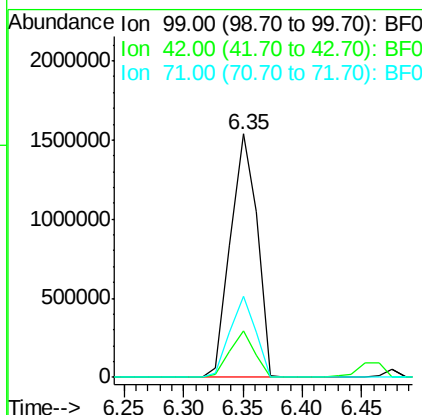
W-4(55-57)MS

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#8

2-Chlorophenol

Concen: 56.00 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.02 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

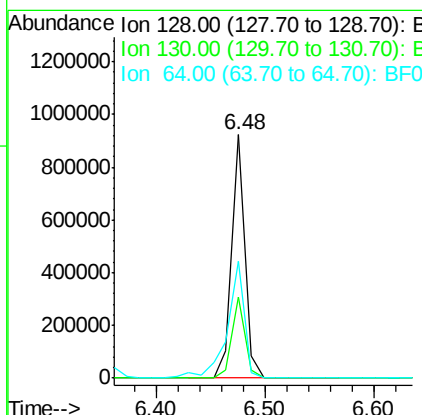
Tgt Ion:128 Resp: 764582

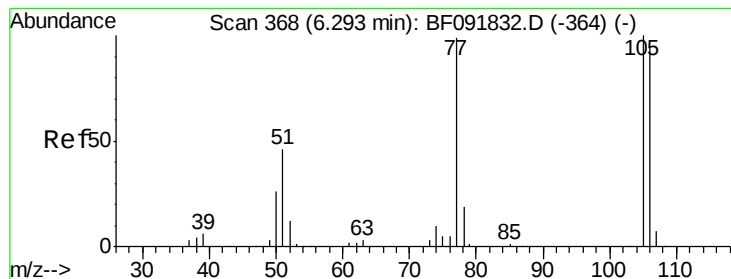
Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

64 48.2 32.2 72.2





#9

Benzaldehyde

Concen: 7.99 ng

RT: 6.22 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Instrument :

BNA_F

ClientSampleId :

W-4(55-57)MS

Tot Ion: 77 Resp: 87583

Ion Ratio Lower Upper

77 100

105 104.2 83.9 123.9

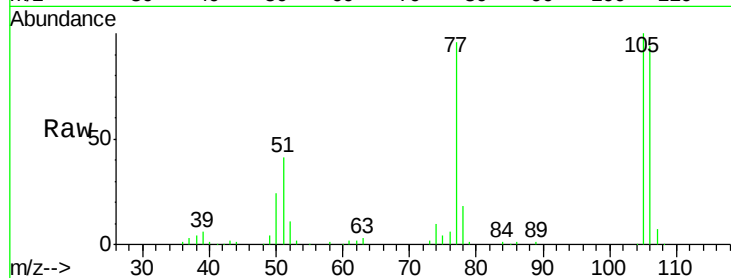
106 98.1 77.6 117.6

Manual Integrations

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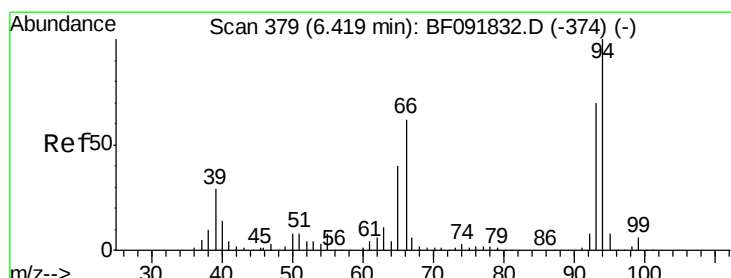
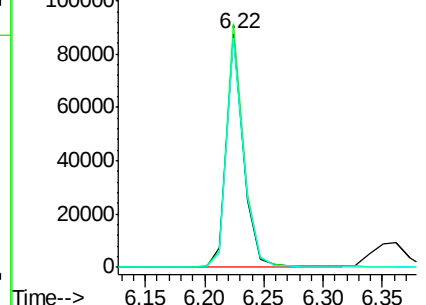
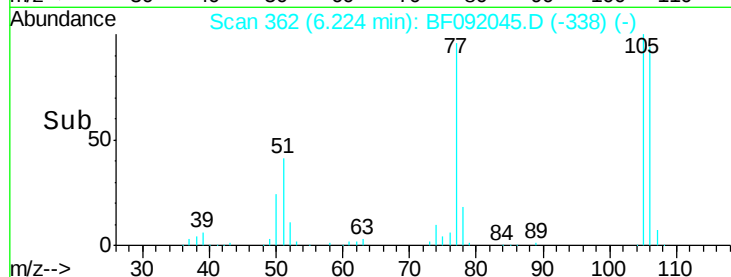
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.39 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.03 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

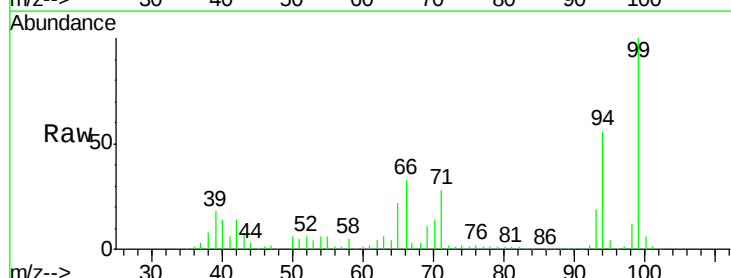
Tgt Ion: 94 Resp: 774650

Ion Ratio Lower Upper

94 100

65 38.4 21.4 61.4

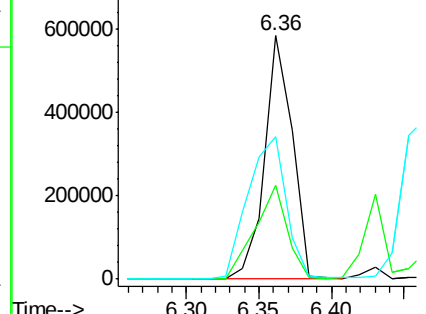
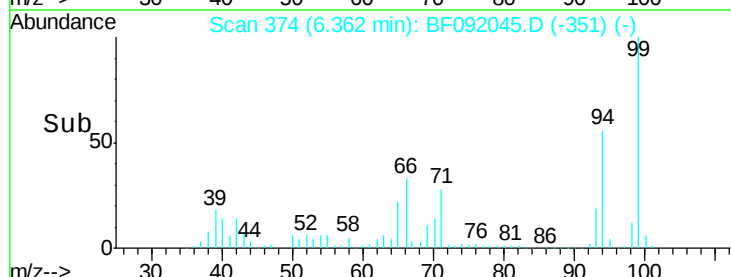
66 58.5 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 57.00 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Instrument :

BNA_F

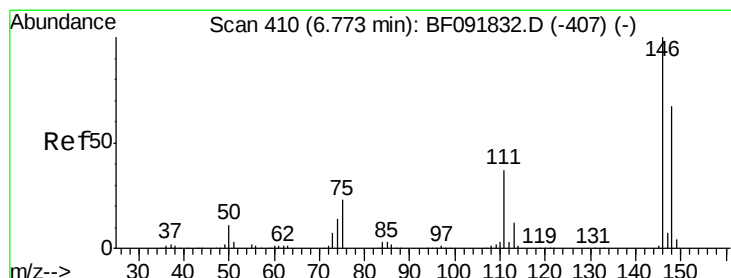
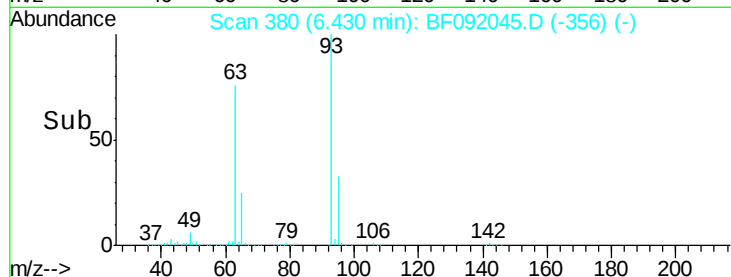
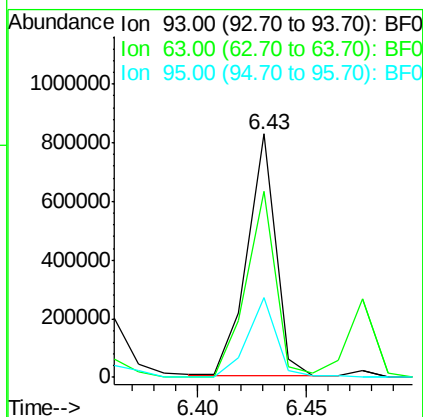
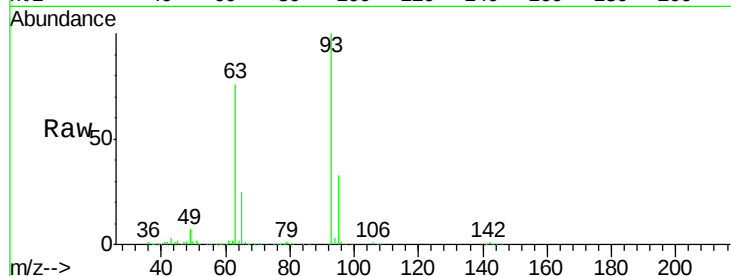
ClientSampleId :

W-4(55-57)MS

Tot Ion:	93	Resp:	757417
Ion	Ratio	Lower	Upper
93	100		
63	76.5	60.4	100.4
95	32.9	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 50.83 ng

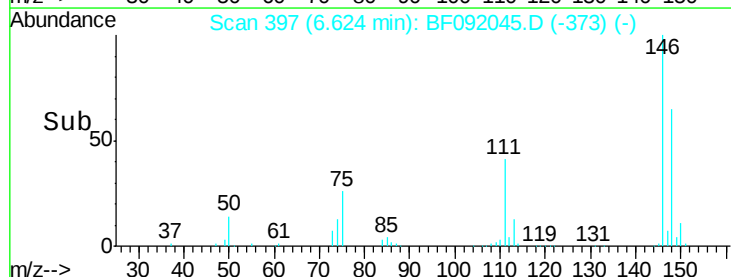
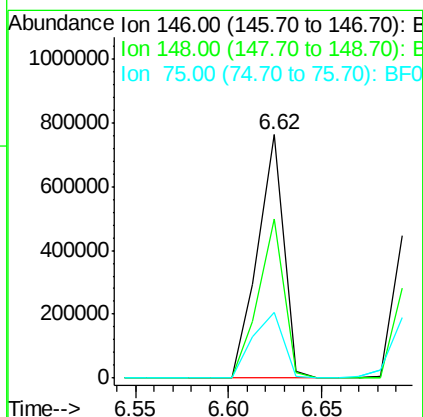
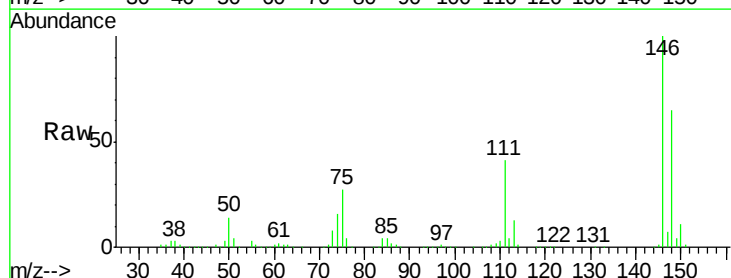
RT: 6.62 min Scan# 397

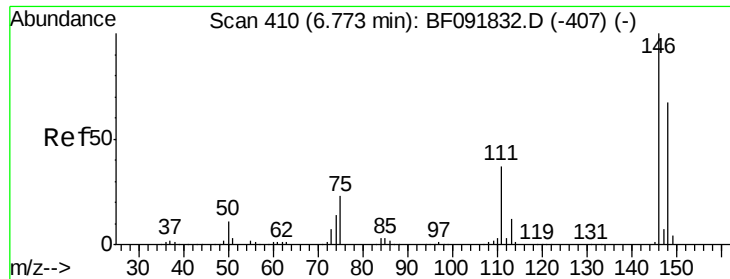
Delta R.T. -0.02 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Tgt Ion:	146	Resp:	740837
Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.4	80.0
75	27.2	18.5	27.7





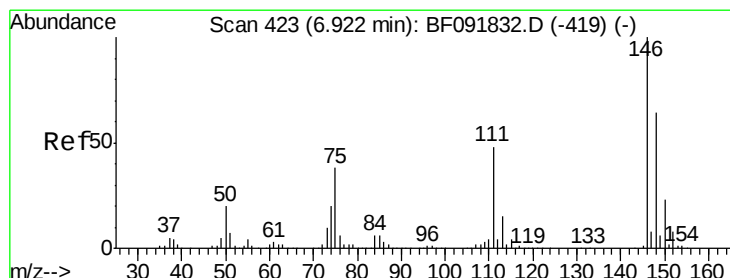
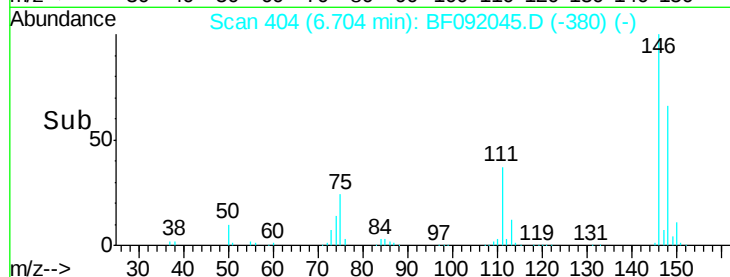
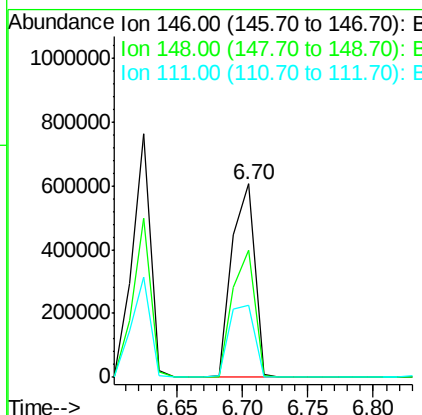
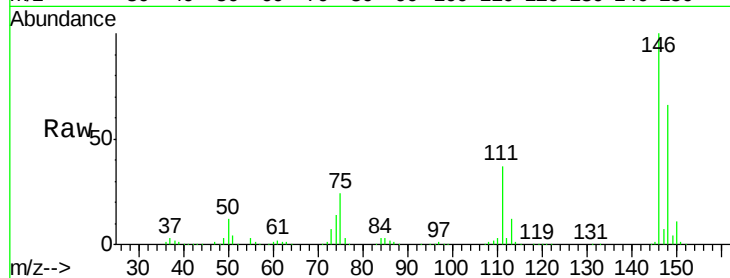
#13
 1,4-Dichlorobenzene
 Concen: 49.35 ng
 RT: 6.70 min Scan# 404
 Delta R.T. -0.02 min
 Lab File: BF092045.D
 Acq: 30 Dec 2016 14:29

Instrument :
 BNA_F
 ClientSampleId :
 W-4(55-57)MS

Tot Ion	Ion	Ratio	Lower	Upper
732201	146	100		
	148	65.7	50.6	76.0
	111	37.0	36.2	54.4

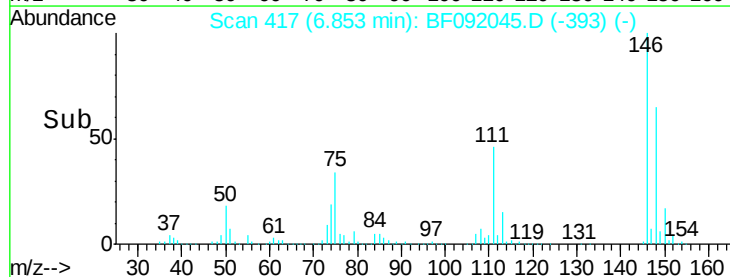
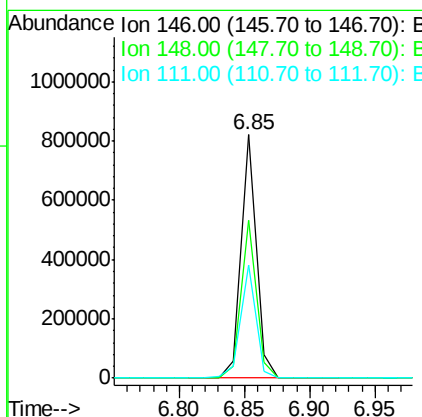
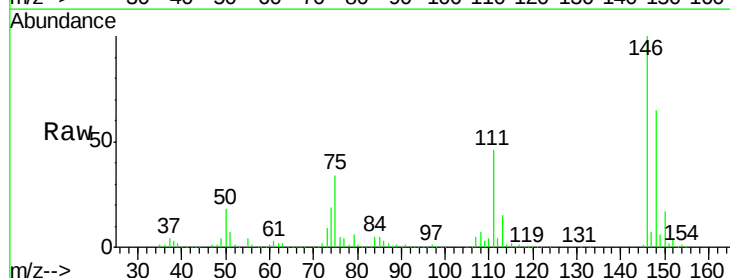
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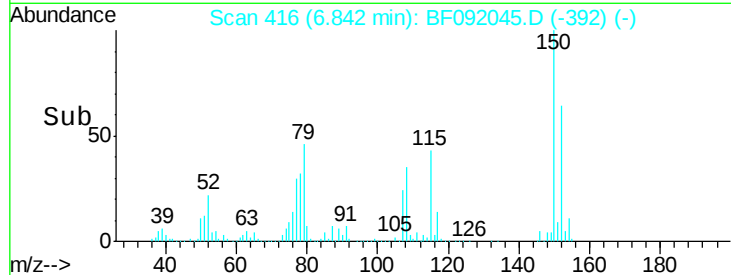
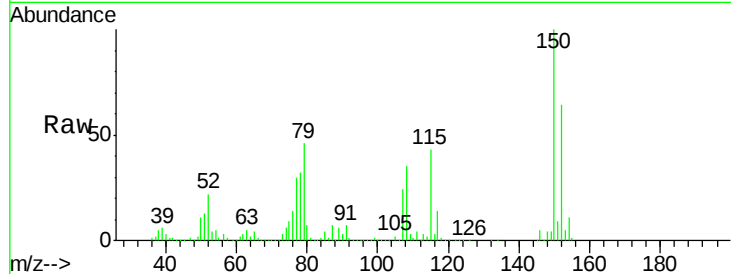
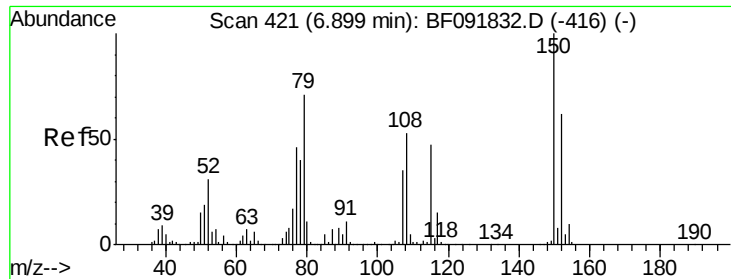
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#14
 1,2-Dichlorobenzene
 Concen: 51.21 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF092045.D
 Acq: 30 Dec 2016 14:29

Tgt Ion	Ion	Ratio	Lower	Upper
659220	146	100		
	148	64.8	52.2	78.2
	111	46.3	36.2	54.2





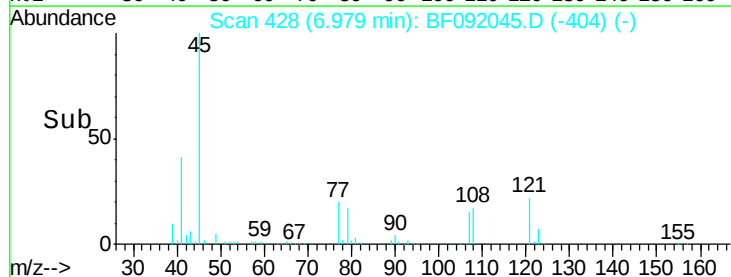
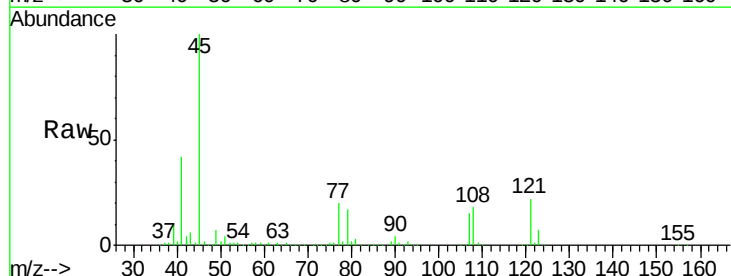
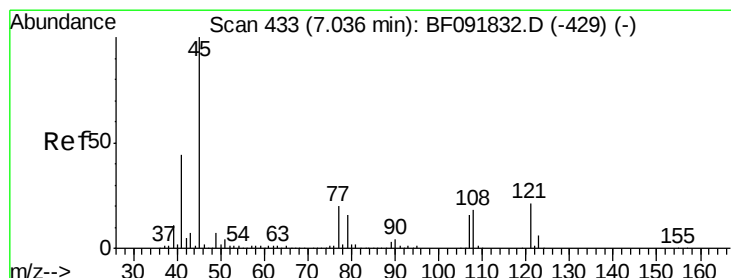
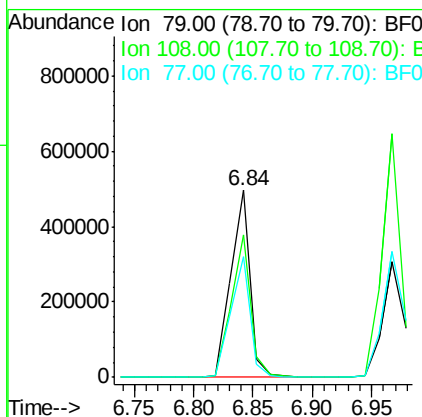
#15
Benzyl Alcohol
Concen: 49.03 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	76.4	61.4	92.0	
77	64.4	50.9	76.3	

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

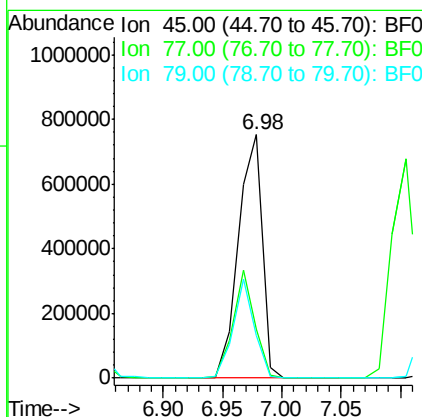
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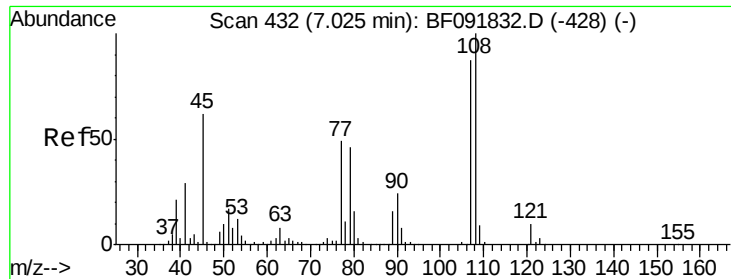
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.08 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.02 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	20.1	0.0	34.6	
79	17.3	0.0	31.2	





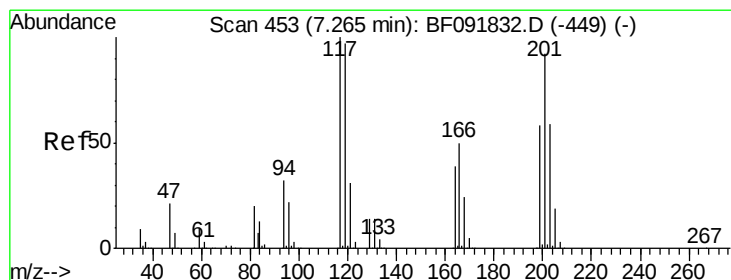
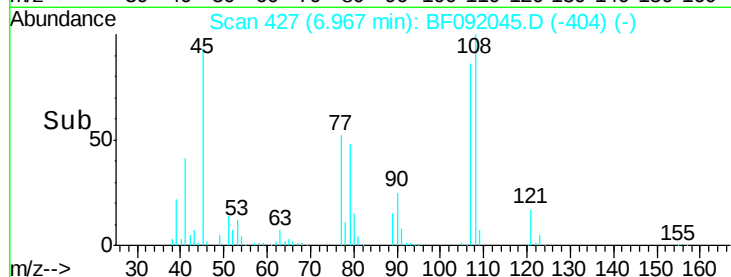
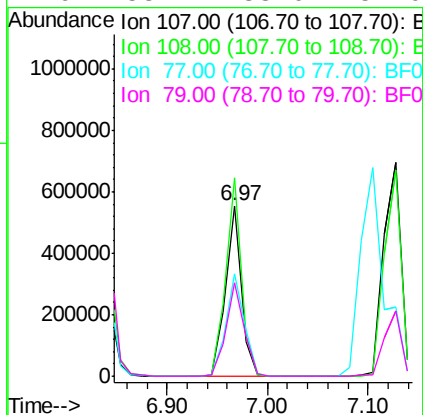
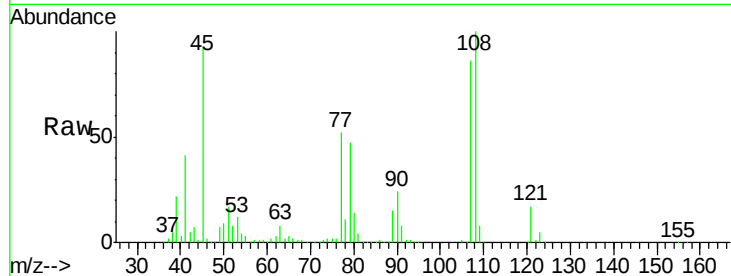
#17
2-Methylphenol
Concen: 55.32 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	607467		
108	116.6	93.0	139.6	
77	60.4	39.8	59.8	
79	55.1	38.0	57.0	

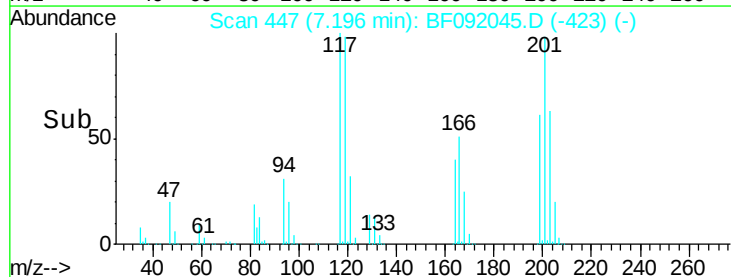
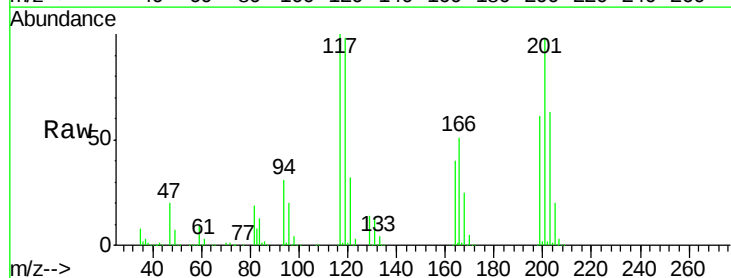
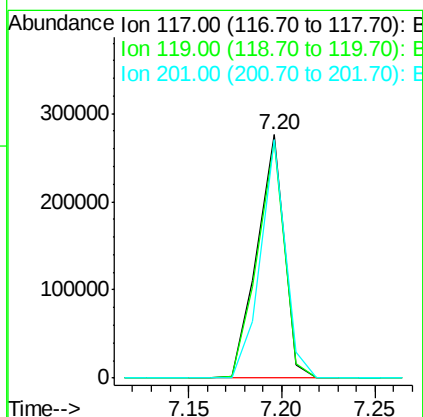
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#18
Hexachloroethane
Concen: 50.30 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	276647		
119	97.5	78.1	117.1	
201	98.0	78.6	117.8	





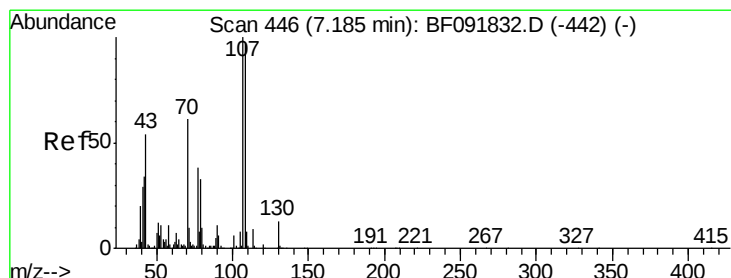
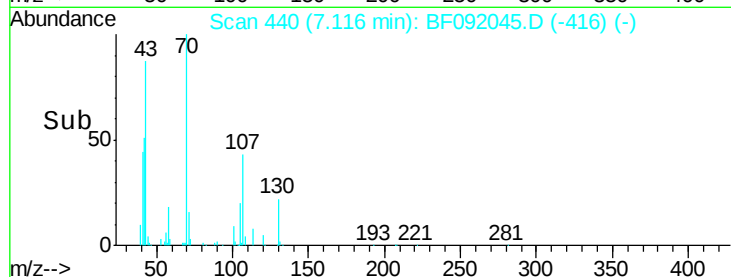
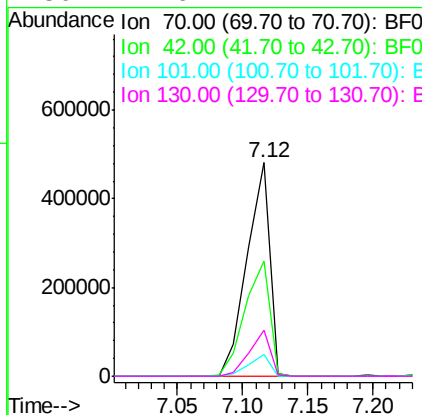
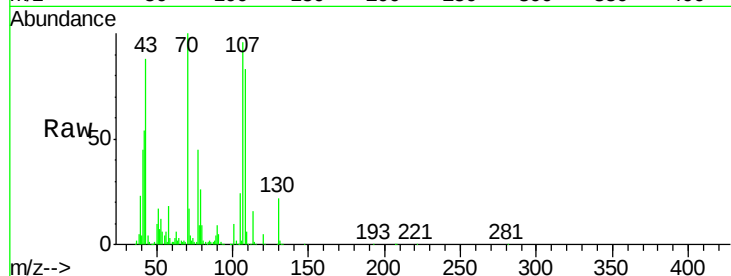
#19
n-Nitroso-di-n-propylamine
Concen: 59.89 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.1	49.4	74.0
101	10.0	7.4	11.2
130	21.6	14.2	21.4

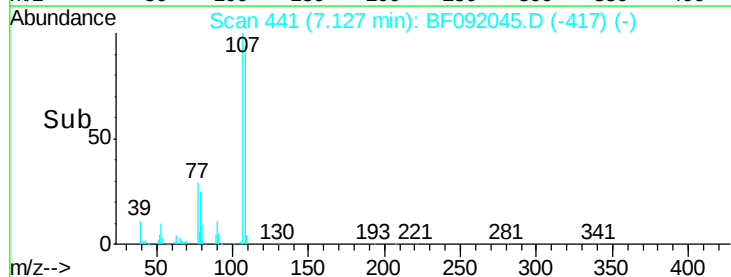
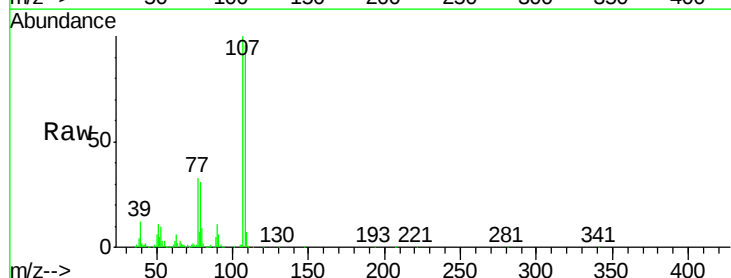
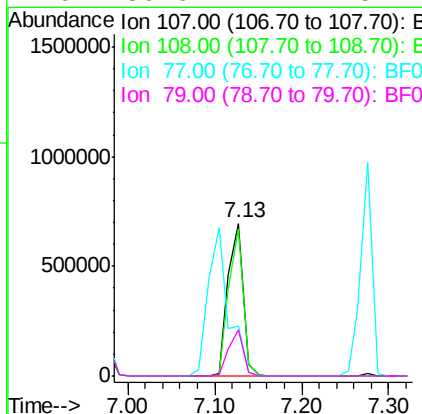
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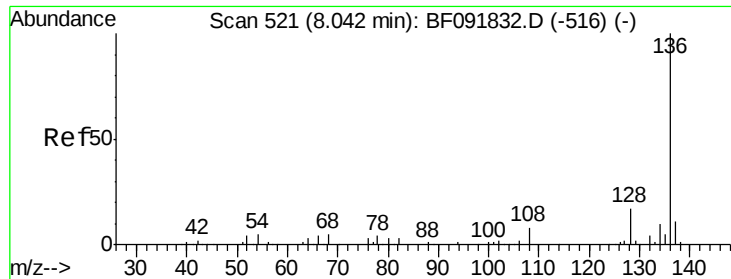
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#20
3+4-Methylphenols
Concen: 64.80 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.4	73.0	113.0
77	32.6	71.3	111.3
79	30.6	11.1	51.1





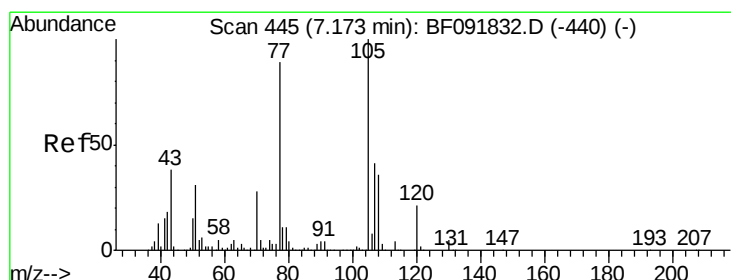
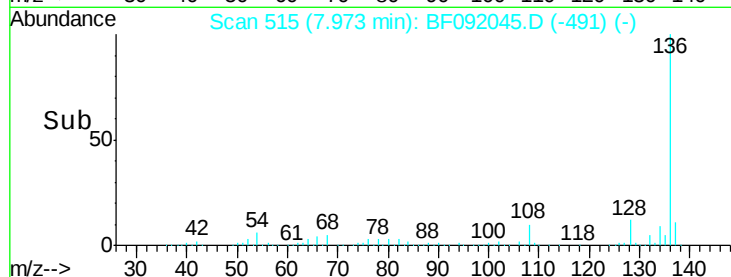
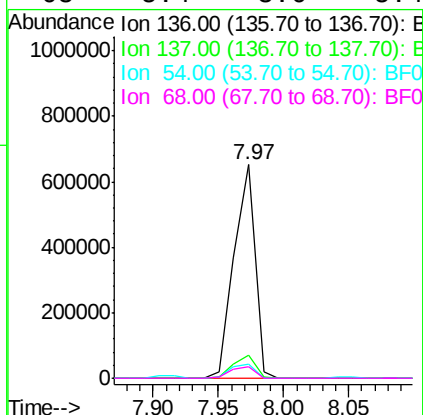
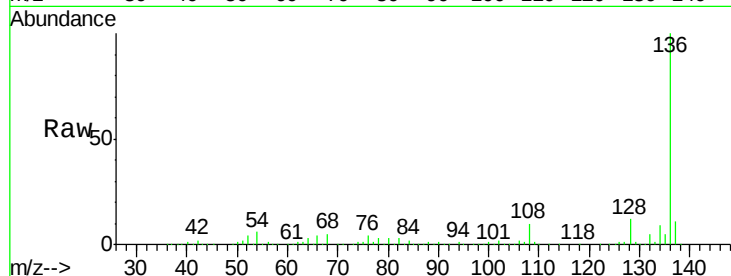
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

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

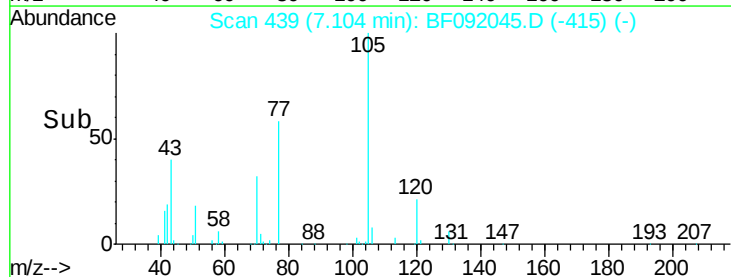
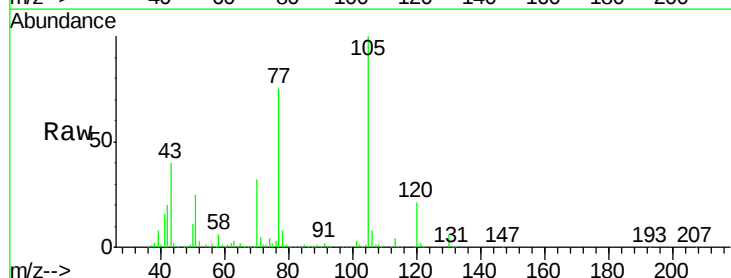
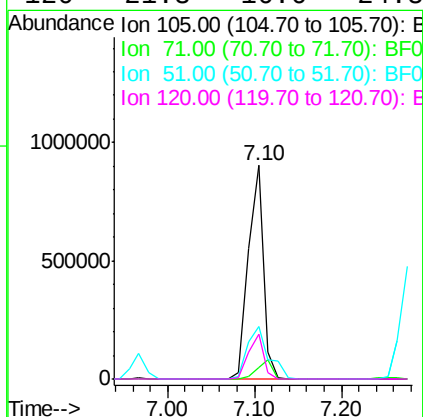
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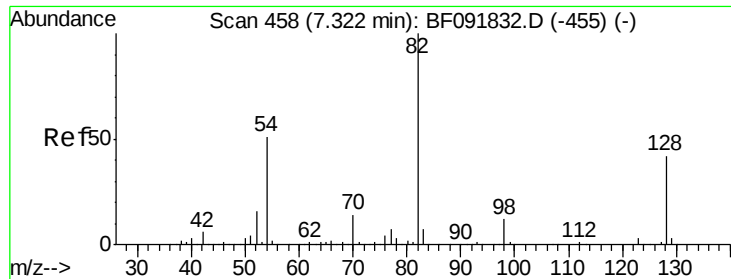
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#22
Acetophenone
Concen: 61.57 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.5	3.2	4.8	
51	24.7	26.2	39.4	
120	21.3	16.6	24.8	





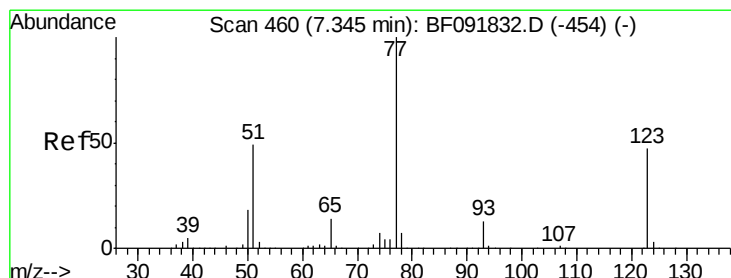
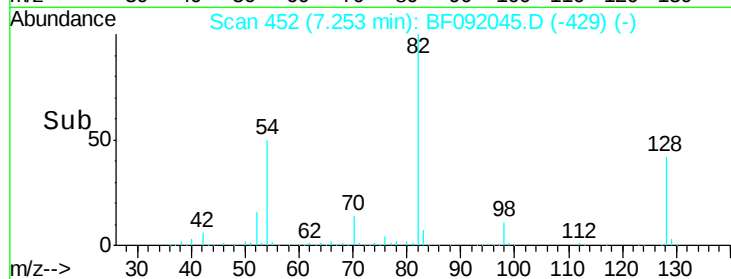
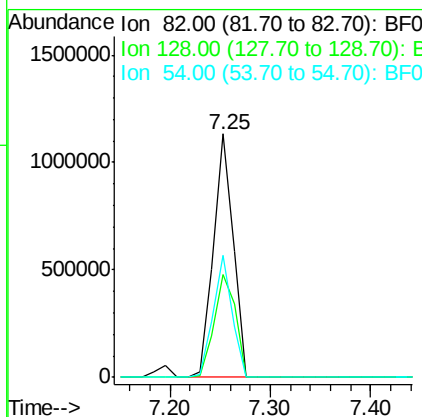
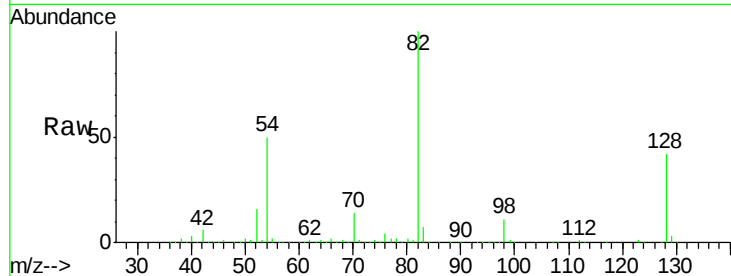
#23
 Nitrobenzene-d5
 Concen: 118.04 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.03 min
 Lab File: BF092045.D
 Acq: 30 Dec 2016 14:29

Instrument :
 BNA_F
 ClientSampleId :
 W-4(55-57)MS

Tot Ion: 82 Resp: 1544435
 Ion Ratio Lower Upper
 82 100
 128 42.3 34.6 52.0
 54 49.9 39.5 59.3

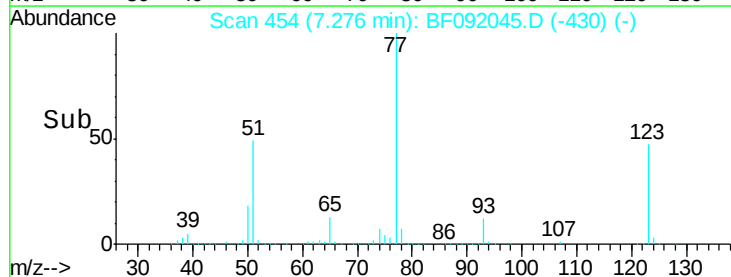
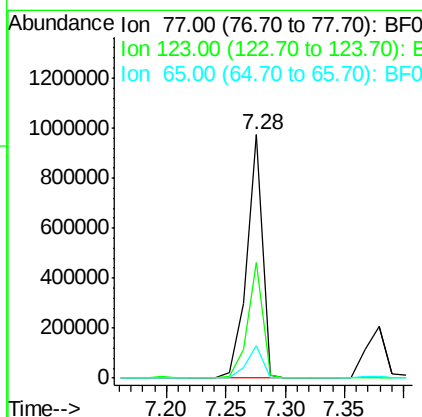
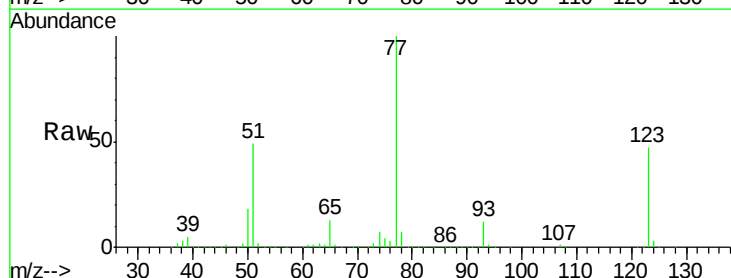
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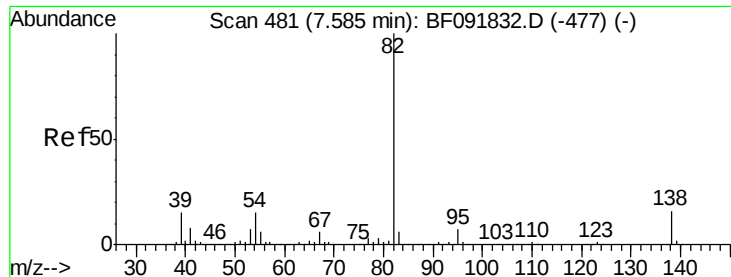
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#24
 Nitrobenzene
 Concen: 64.50 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF092045.D
 Acq: 30 Dec 2016 14:29

Tgt Ion: 77 Resp: 898786
 Ion Ratio Lower Upper
 77 100
 123 47.3 33.0 49.4
 65 13.3 11.2 16.8





#25

Isophorone

Concen: 60.31 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.03 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Instrument :

BNA_F

ClientSampleId :

W-4(55-57)MS

Tot Ion: 82 Resp: 1455759

Ion Ratio Lower Upper

82 100

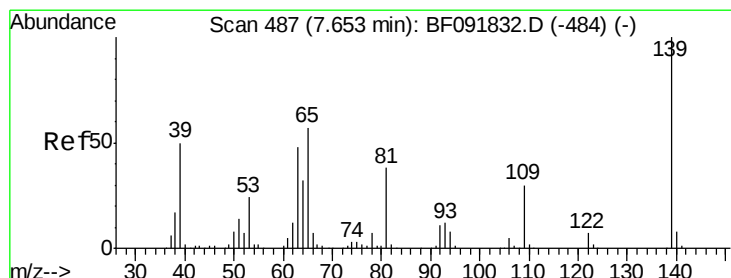
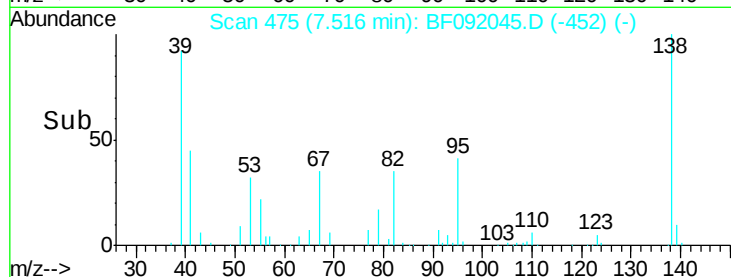
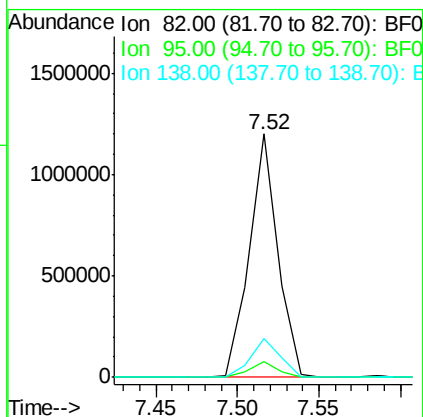
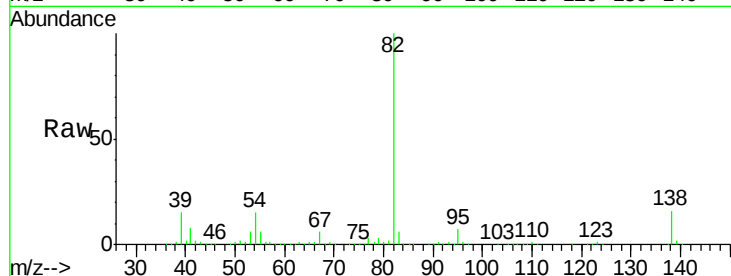
95 6.5 5.6 8.4

138 16.1 14.6 22.0

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#26

2-Nitrophenol

Concen: 55.34 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

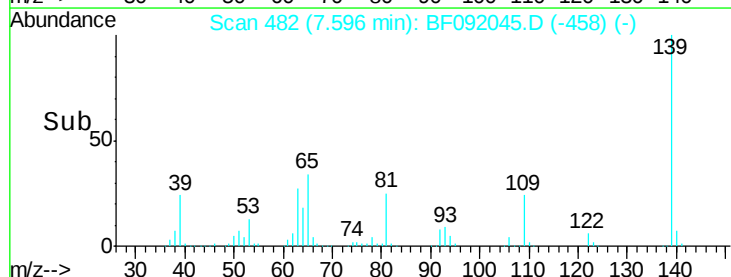
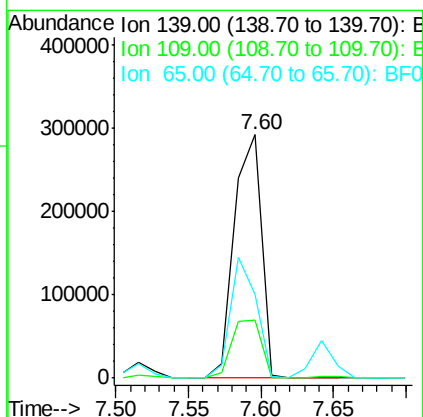
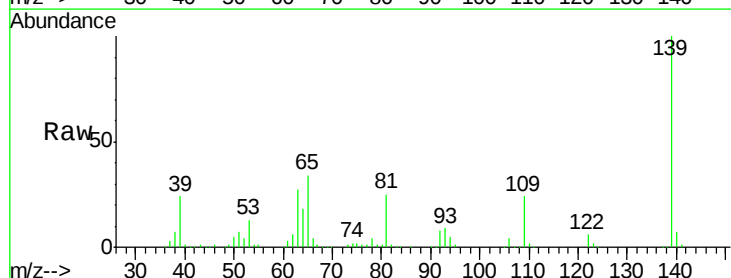
Tgt Ion: 139 Resp: 380276

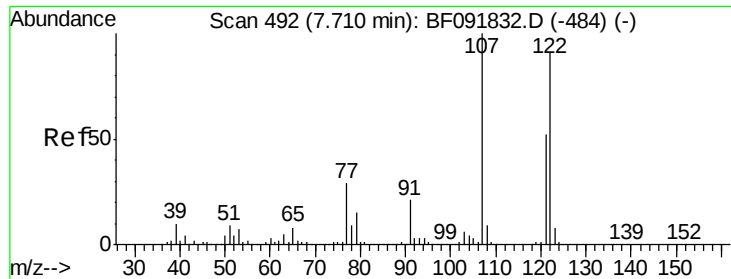
Ion Ratio Lower Upper

139 100

109 23.6 23.3 34.9

65 34.4 42.7 64.1#





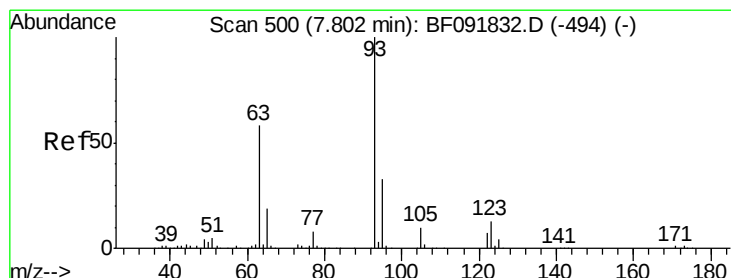
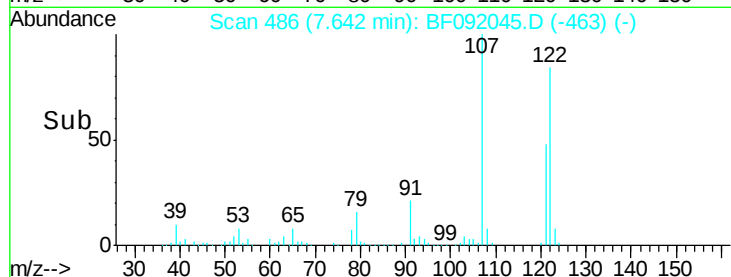
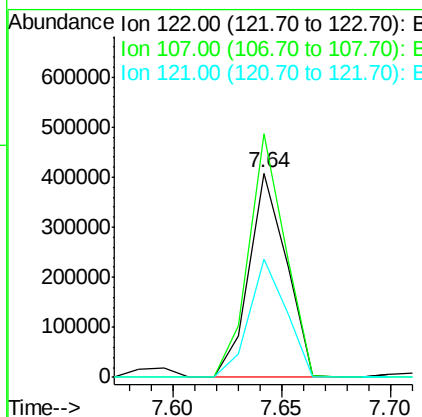
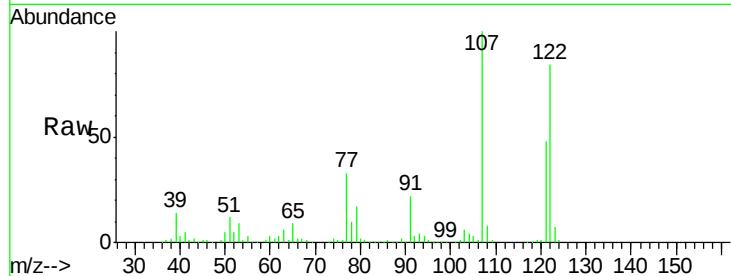
#27
2,4-Dimethylphenol
Concen: 43.11 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.2	94.1	141.1
121	57.6	46.0	69.0

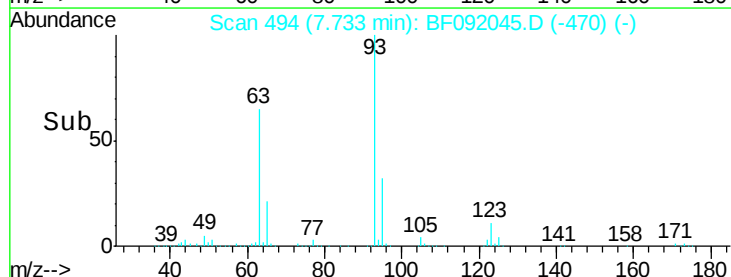
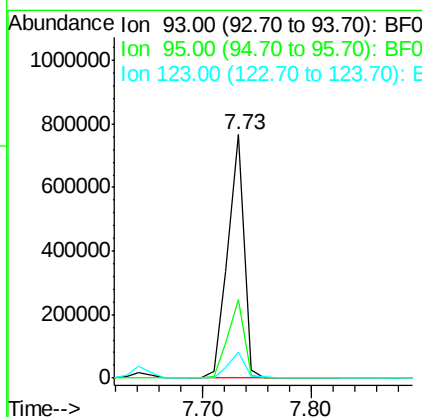
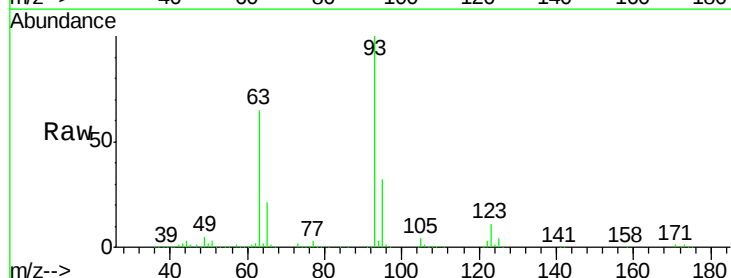
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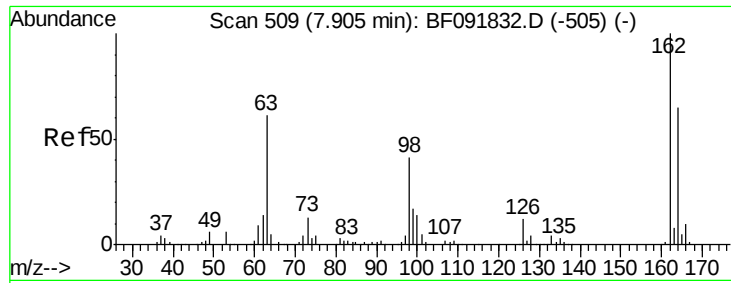
mohammad
1/3/2017 9:14:14 AM



#28
bis(2-Chloroethoxy)methane
Concen: 53.97 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	10.8	8.6	13.0





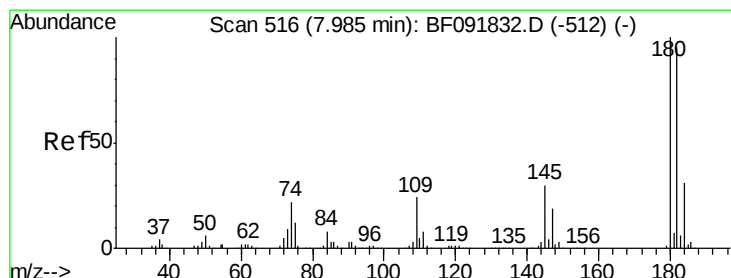
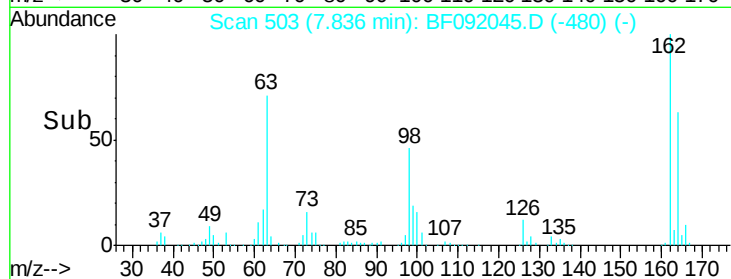
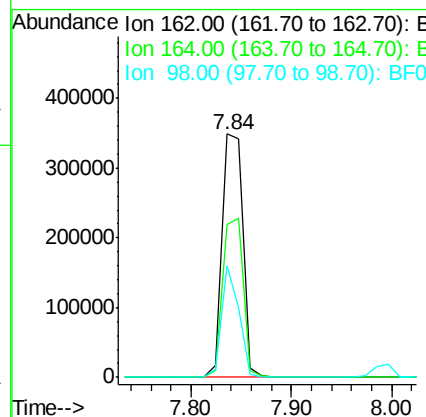
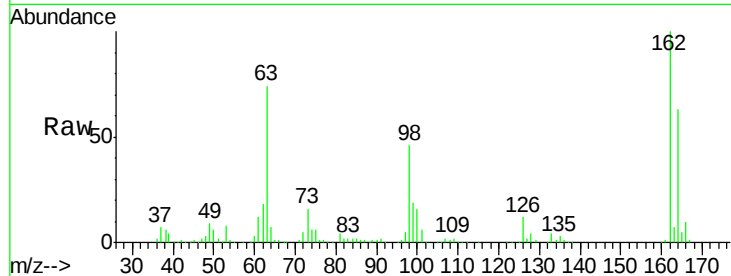
#29
 2,4-Dichlorophenol
 Concen: 51.75 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.03 min
 Lab File: BF092045.D
 Acq: 30 Dec 2016 14:29

Instrument :
 BNA_F
 ClientSampleId :
 W-4(55-57)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	499440		
164	62.7	46.8	86.8	
98	46.0	9.1	49.1	

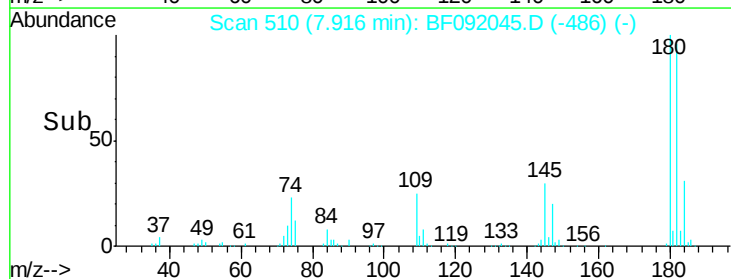
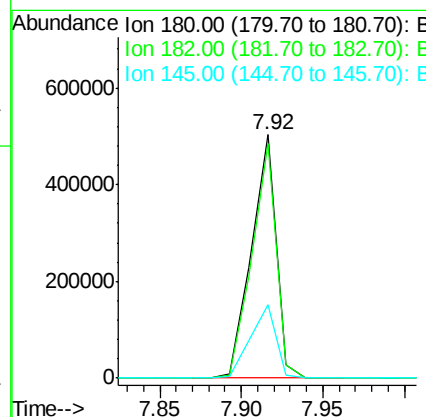
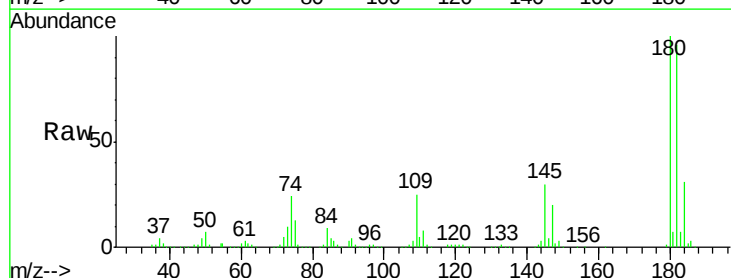
Manual Integrations
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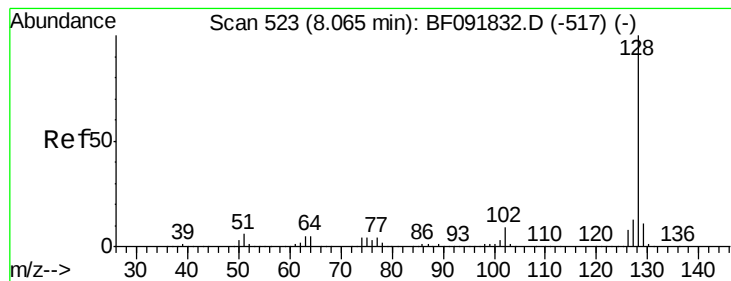
mohammad
 1/3/2017 9:14:14 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 49.93 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.02 min
 Lab File: BF092045.D
 Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	528108		
182	96.5	78.2	117.4	
145	30.2	21.6	32.4	





#31

Naphthalene

Concen: 52.94 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Instrument :

BNA_F

ClientSampleId :

W-4(55-57)MS

Tot Ion:128 Resp: 1762667

Ion Ratio Lower Upper

128 100

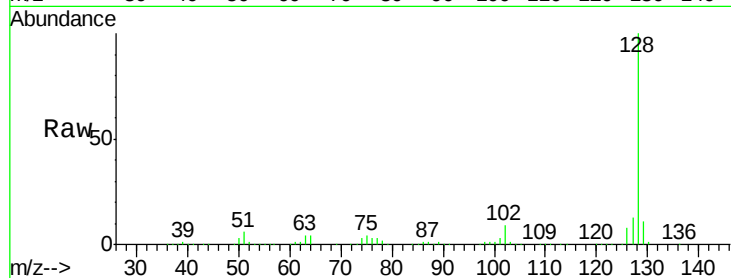
129 11.0 9.5 14.3

127 13.1 10.8 16.2

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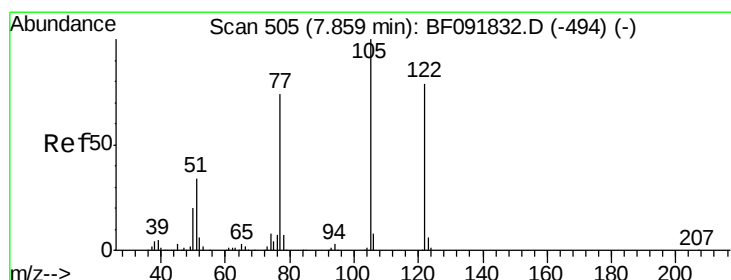
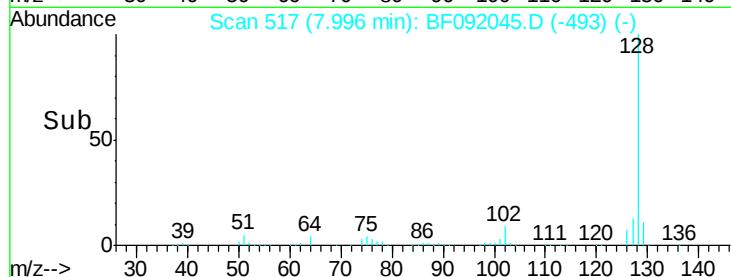
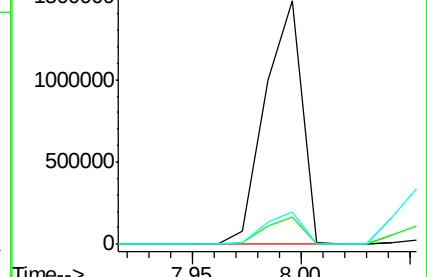
1/3/2017 9:14:14 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 12.86 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.08 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

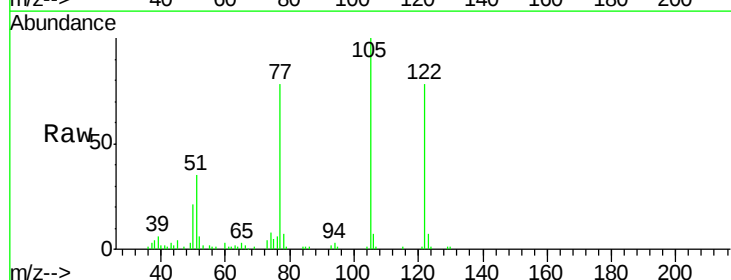
Tgt Ion:122 Resp: 108753

Ion Ratio Lower Upper

122 100

105 128.2 107.2 147.2

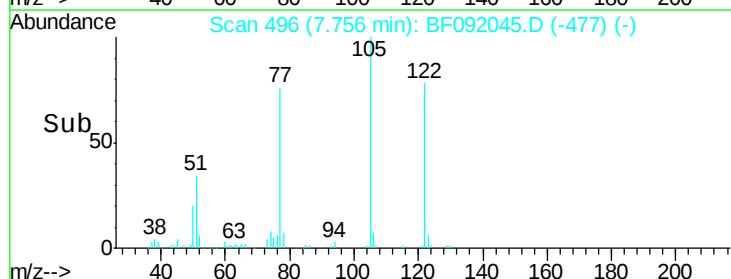
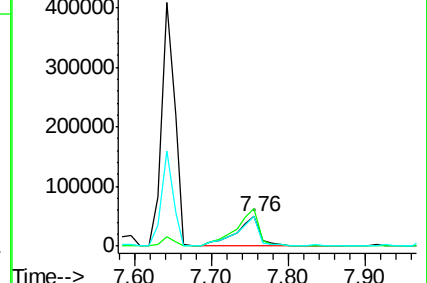
77 99.5 74.5 114.5

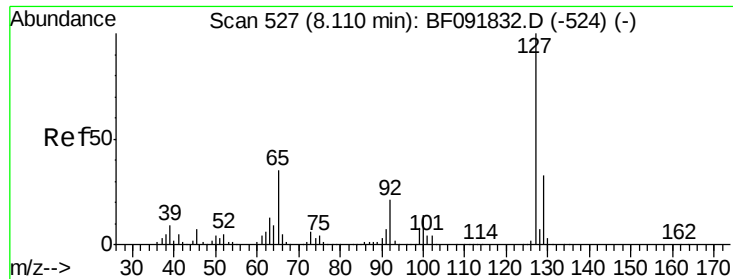


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





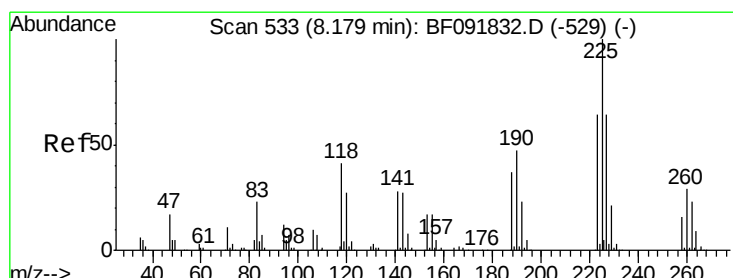
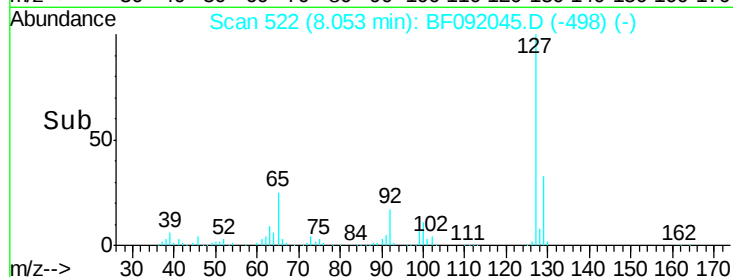
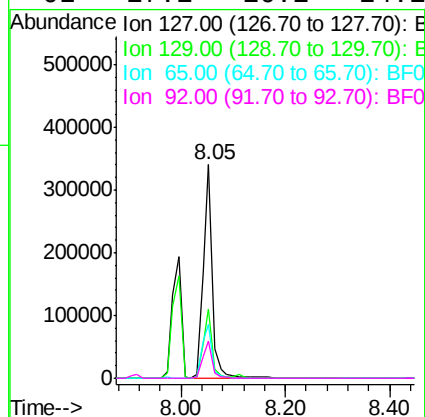
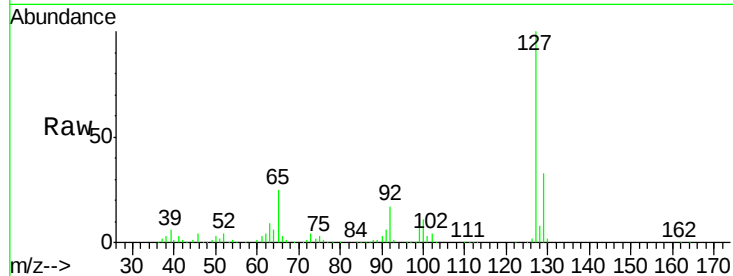
#33
4-Chloroaniline
Concen: 27.28 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.3	39.5		
65	25.5	25.8	38.8		
92	17.1	16.1	24.1		

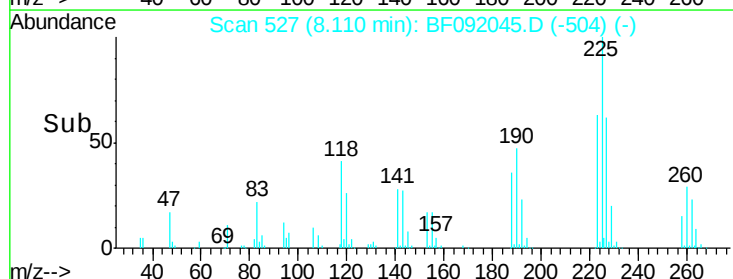
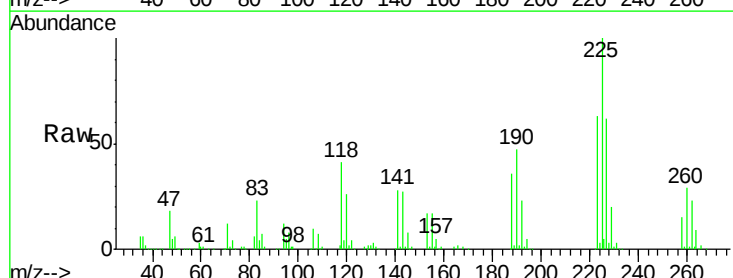
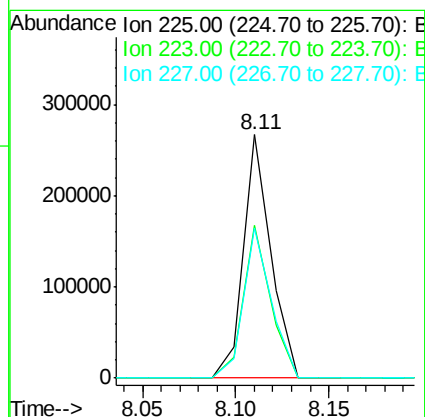
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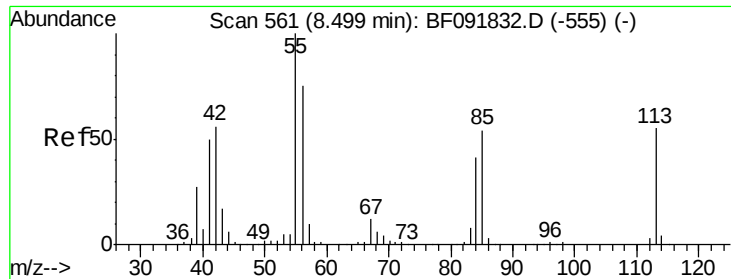
mohammad
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#34
Hexachlorobutadiene
Concen: 48.86 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	51.0	76.6		
227	61.7	50.6	76.0		





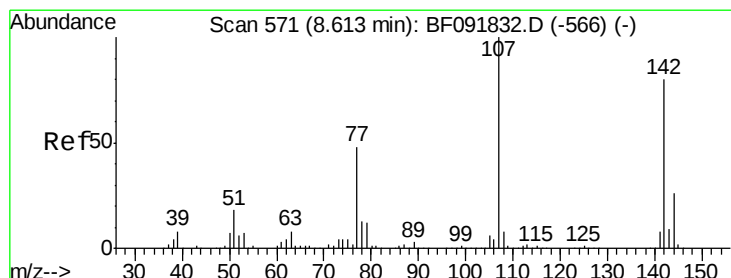
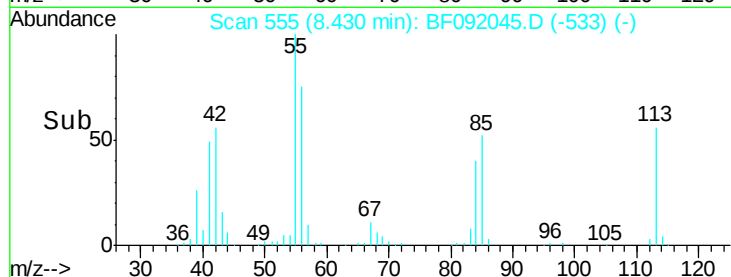
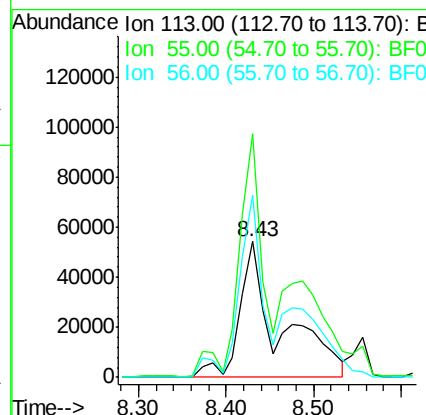
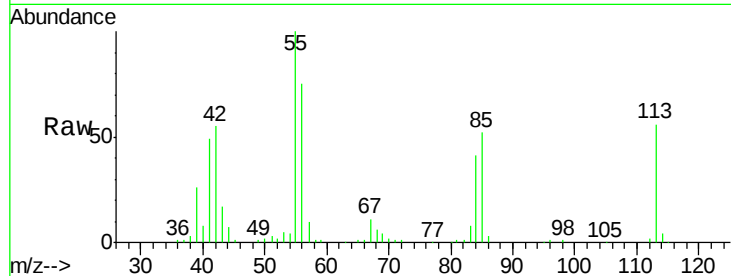
#35
Caprolactam
Concen: 54.30 ng/ml
RT: 8.43 min Scan# 555
Delta R.T. -0.05 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	179.0	119.2	159.2#
56	134.2	83.8	123.8#

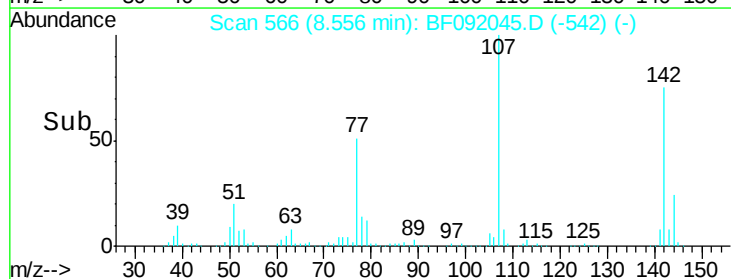
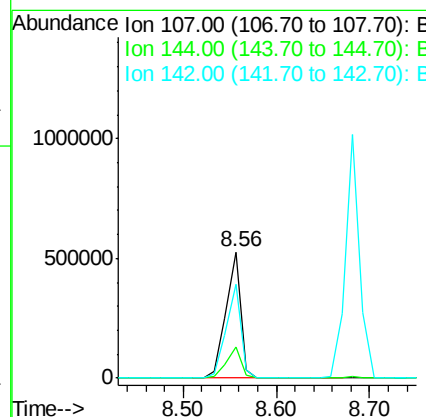
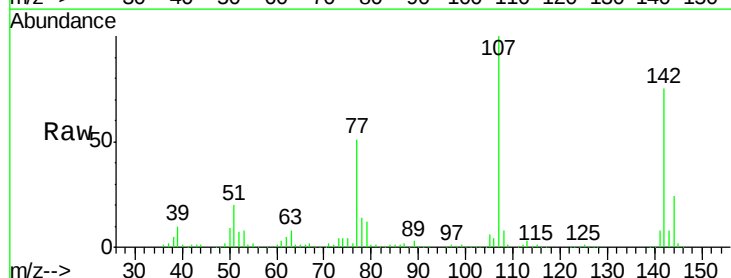
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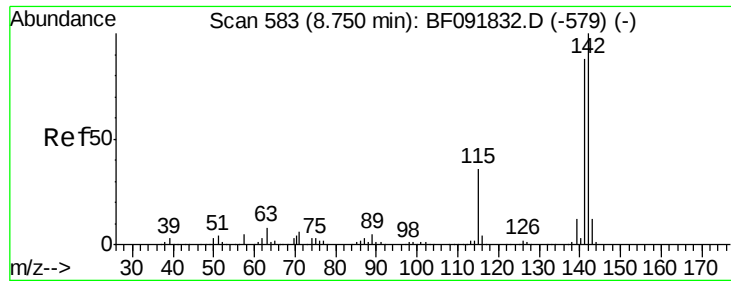
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 52.13 ng/ml
RT: 8.56 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.3	28.9
142	74.6	59.0	88.6





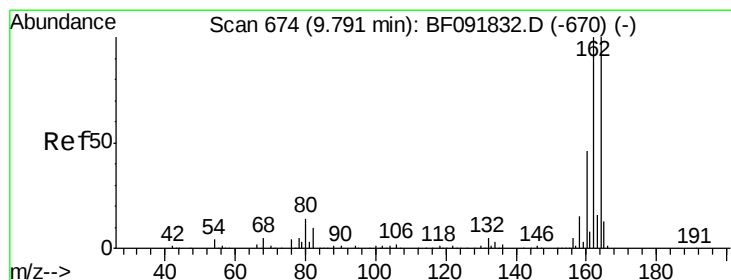
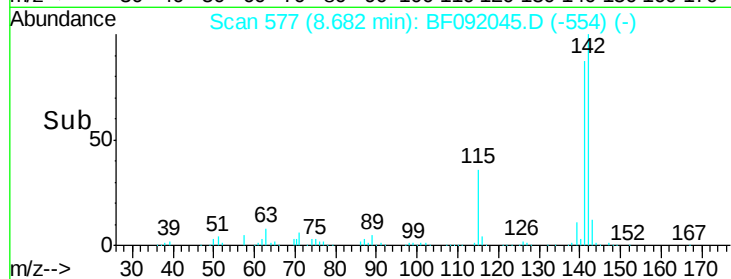
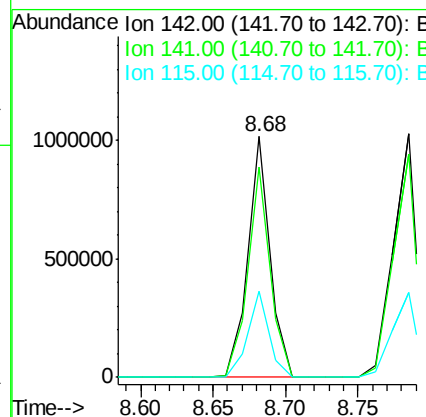
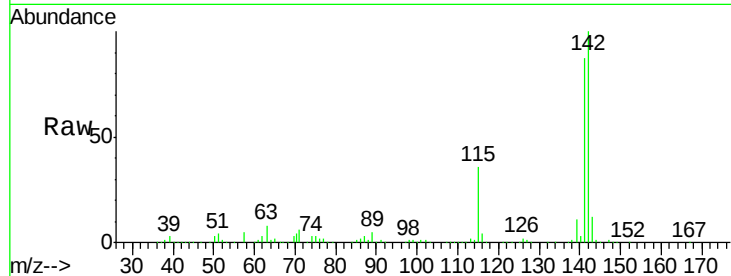
#37
2-Methylnaphthalene
Concen: 61.64 ng
RT: 8.68 min Scan# 577
Delta R.T. -0.03 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.0	106.6
115	35.7	28.3	42.5

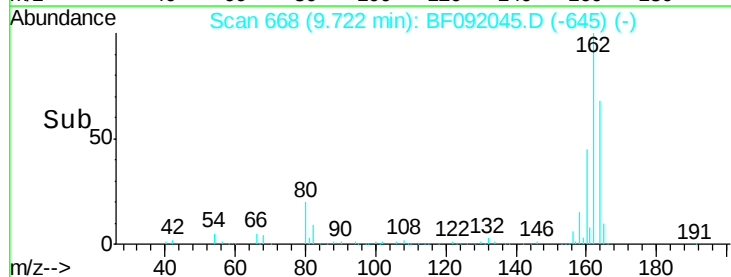
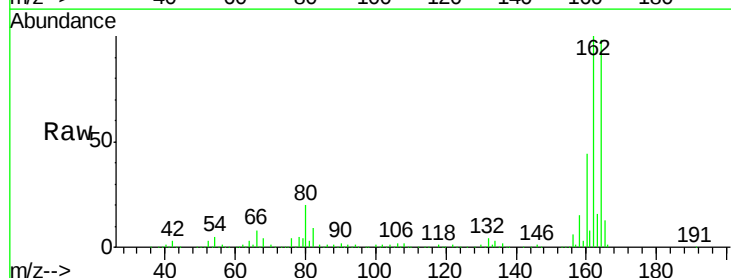
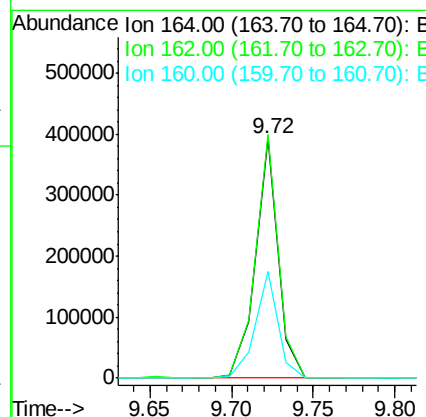
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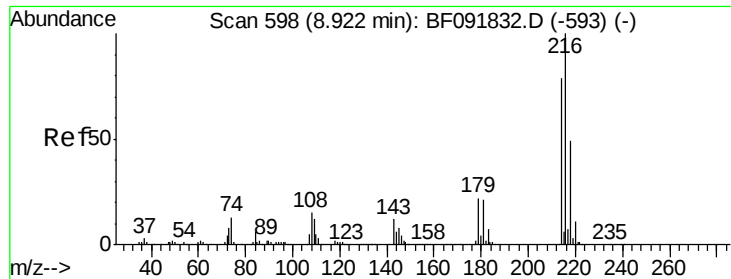
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.2	120.2
160	44.6	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.08 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.02 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Instrument :

BNA_F

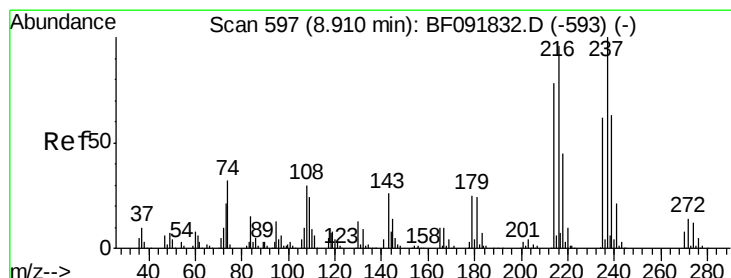
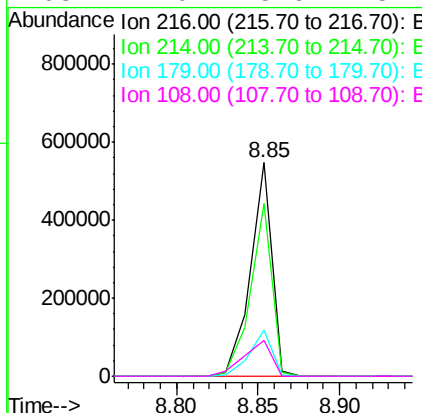
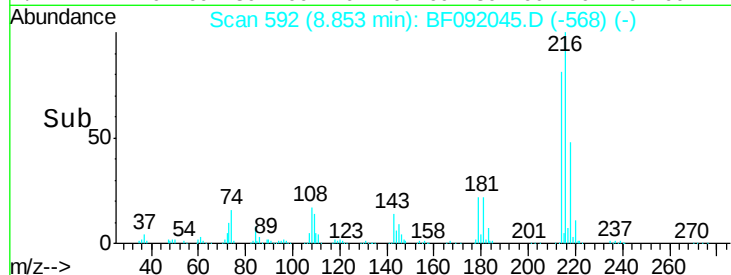
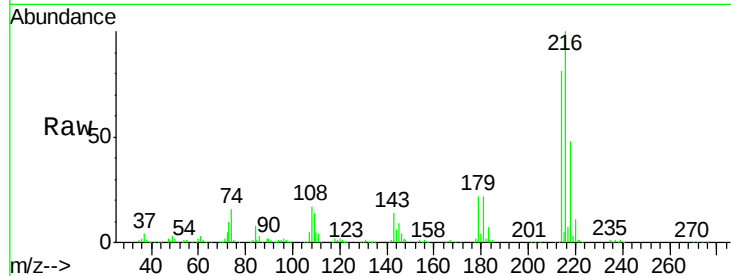
ClientSampleId :

W-4(55-57)MS

Tot Ion:	216	Resp:	500887
Ion Ratio		Lower	Upper
216	100		
214	80.7	63.4	95.0
179	22.4	17.4	26.2
108	22.0	15.6	23.4

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#40

Hexachlorocyclopentadiene

Concen: 102.46 ng

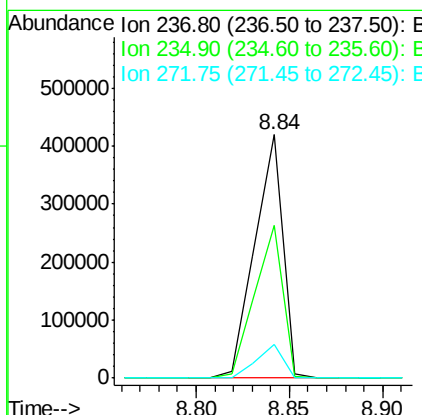
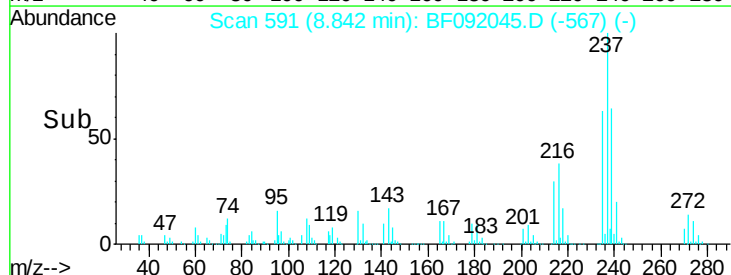
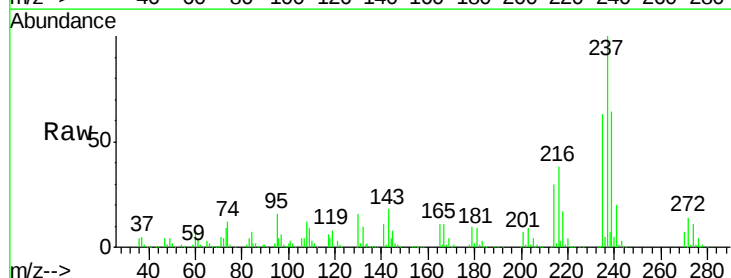
RT: 8.84 min Scan# 591

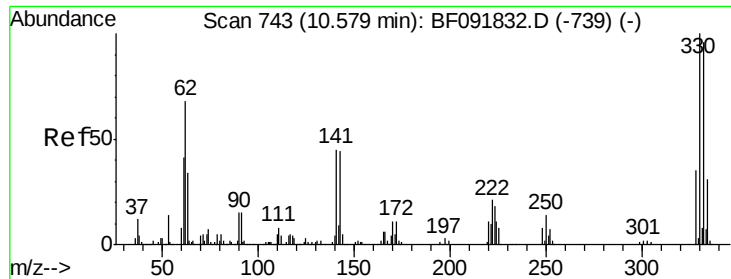
Delta R.T. -0.02 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Tgt Ion:	237	Resp:	443888
Ion Ratio		Lower	Upper
237	100		
235	62.8	41.2	81.2
272	13.9	0.0	35.4





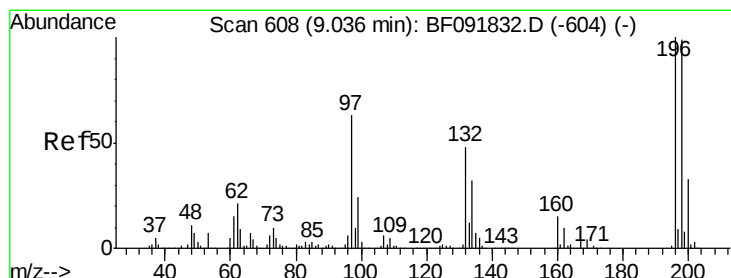
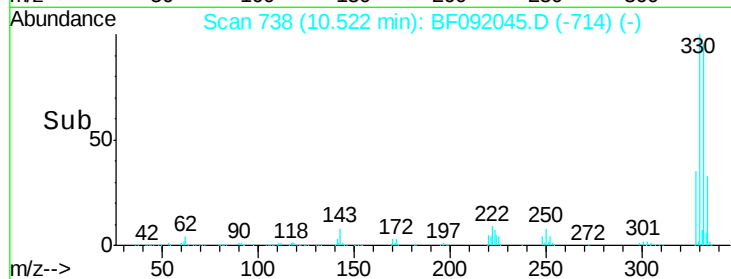
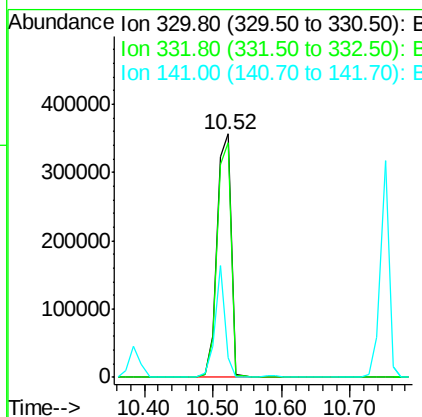
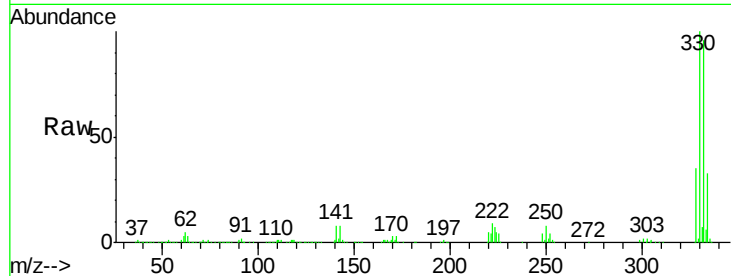
#41
 2,4,6-Tribromophenol
 Concen: 165.15 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF092045.D
 Acq: 30 Dec 2016 14:29

Instrument :
 BNA_F
 ClientSampleId :
 W-4(55-57)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	520273		
332	96.1		77.4	116.2
141	32.5		34.1	51.1#

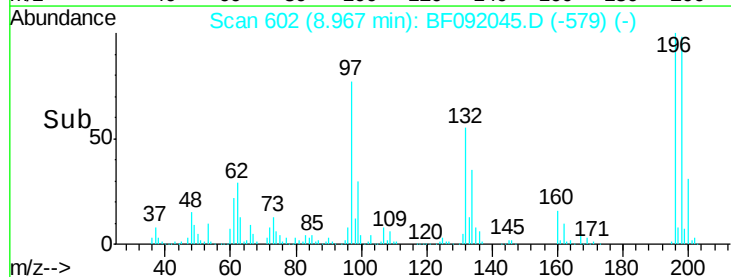
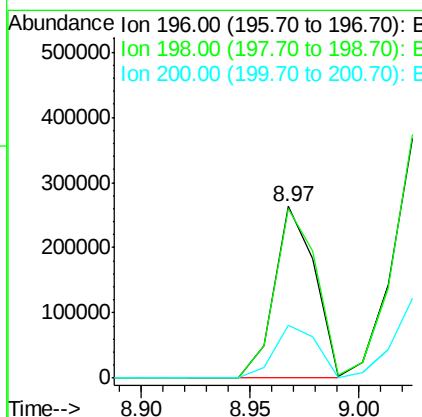
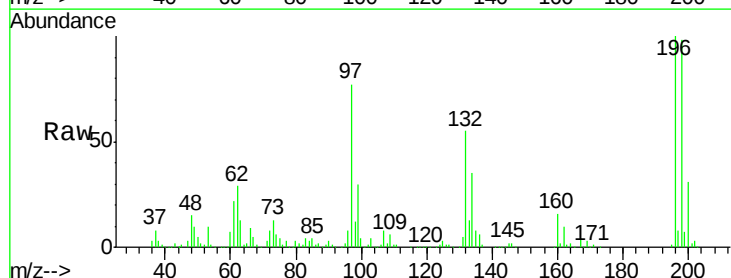
Manual Integrations
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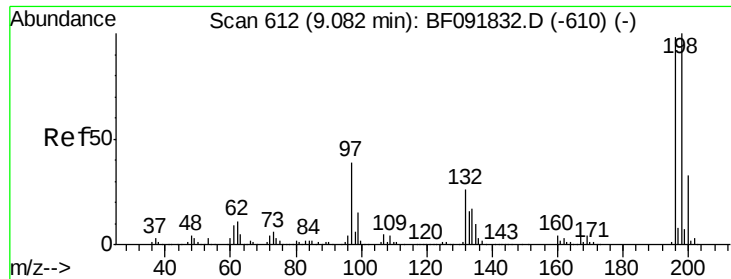
mohammad
 1/3/2017 9:14:14 AM



#42
 2,4,6-Trichlorophenol
 Concen: 51.16 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.03 min
 Lab File: BF092045.D
 Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	344075		
198	98.5		82.1	123.1
200	30.7		27.0	40.4





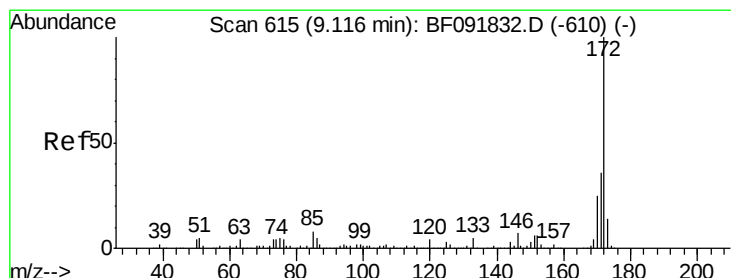
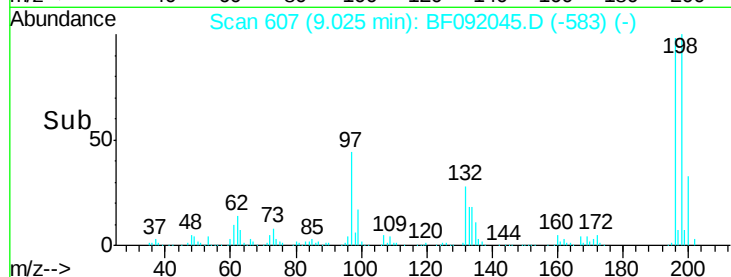
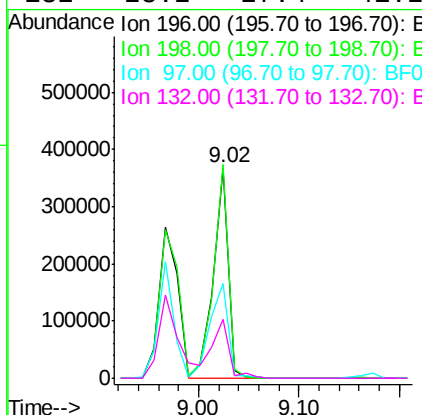
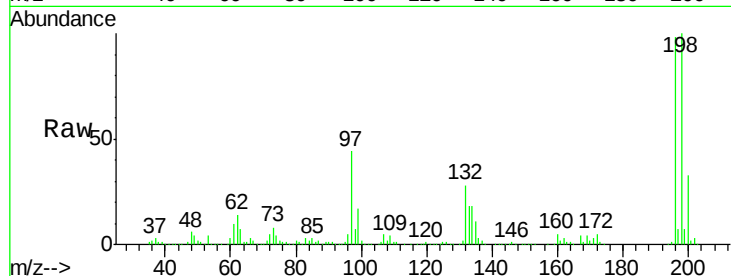
#43
 2,4,5-Trichlorophenol
 Concen: 54.65 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF092045.D
 Acq: 30 Dec 2016 14:29

Instrument :
 BNA_F
 ClientSampleId :
 W-4(55-57)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	378300		
198	101.7	79.4	119.2	
97	45.1	51.5	77.3	
132	28.2	27.4	41.2	

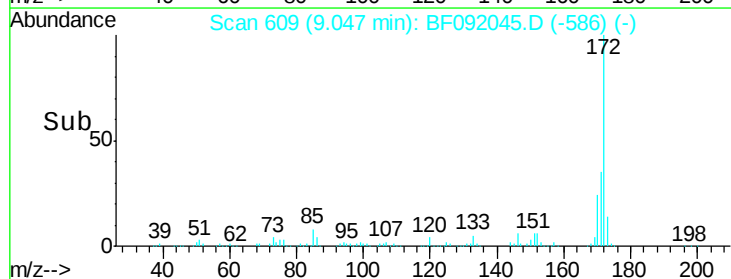
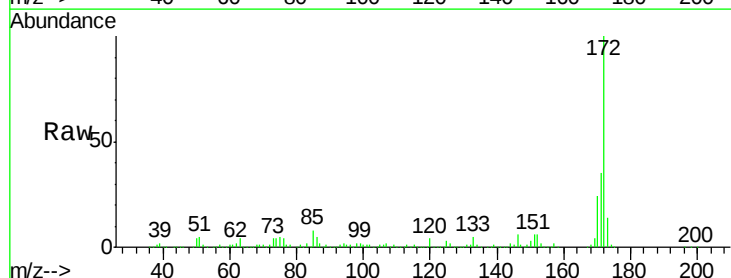
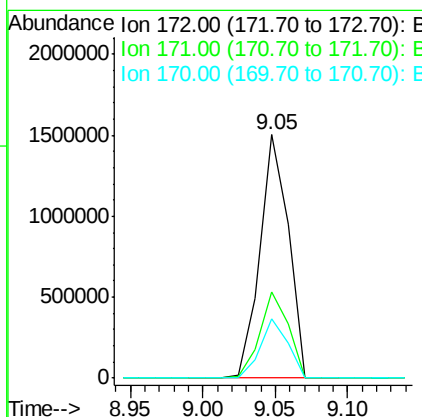
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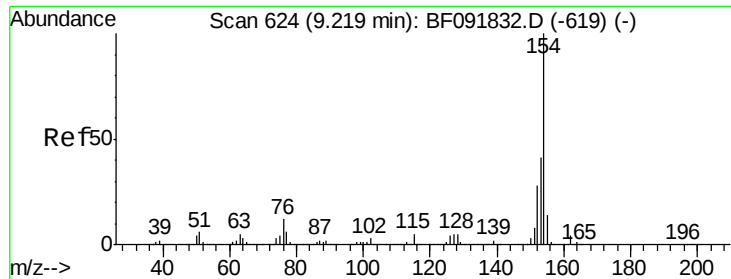
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#44
 2-Fluorobiphenyl
 Concen: 114.13 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF092045.D
 Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2038269		
171	35.4	29.4	44.0	
170	24.3	20.2	30.4	





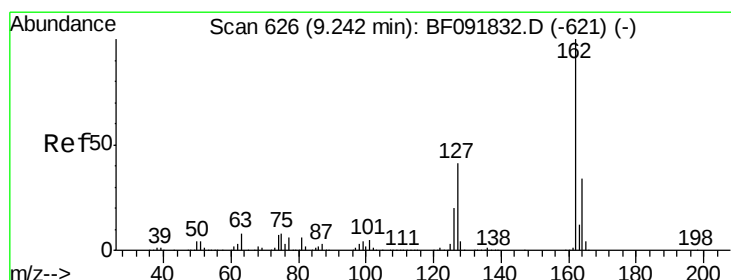
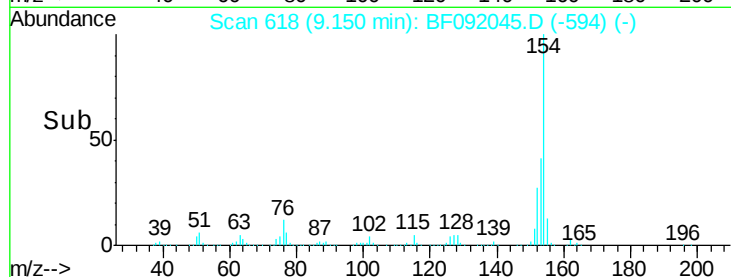
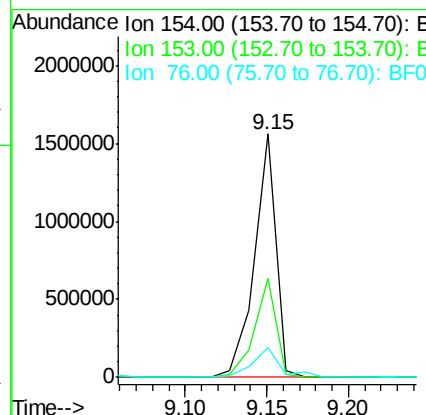
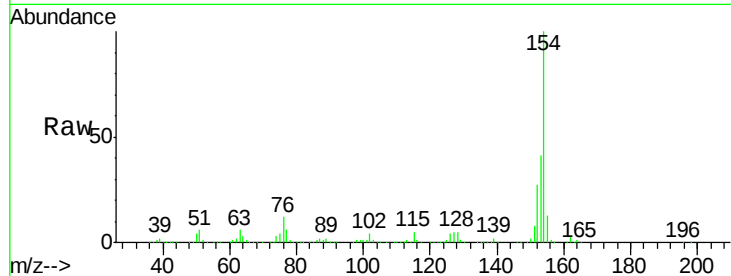
#45
1,1'-Biphenyl
Concen: 54.85 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.9	60.9
76	12.3	0.0	30.5

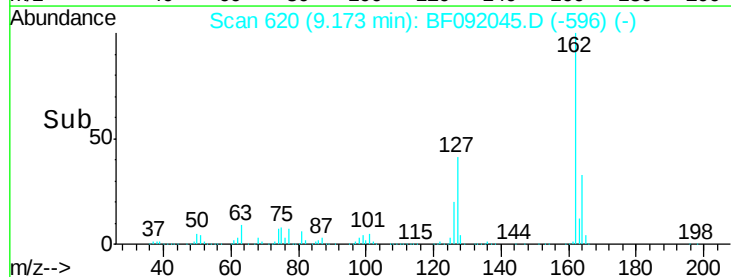
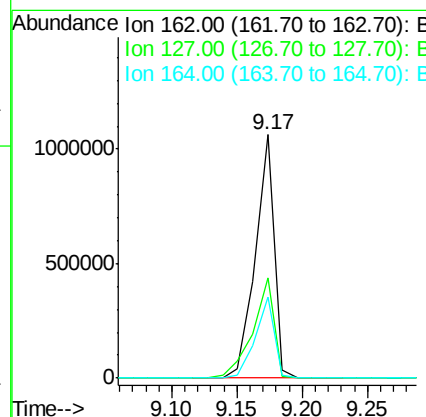
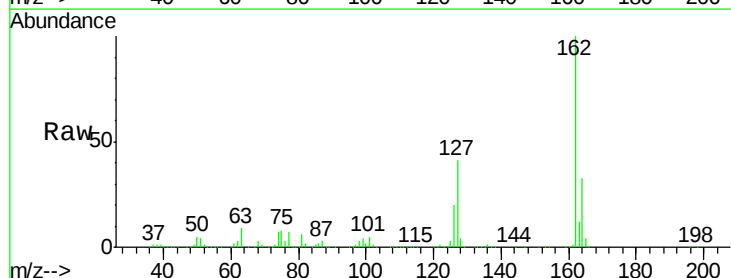
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#46
2-Chloronaphthalene
Concen: 52.00 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	30.7	46.1
164	33.2	27.6	41.4





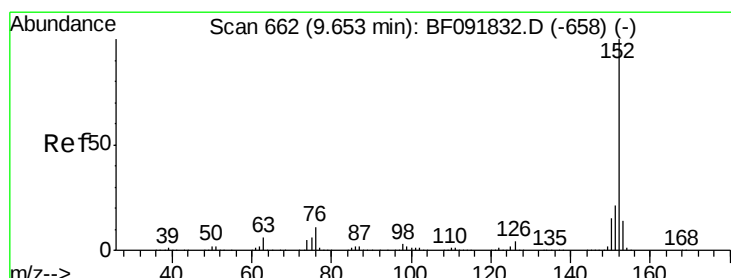
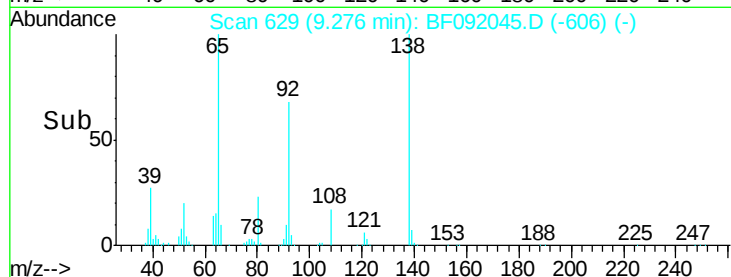
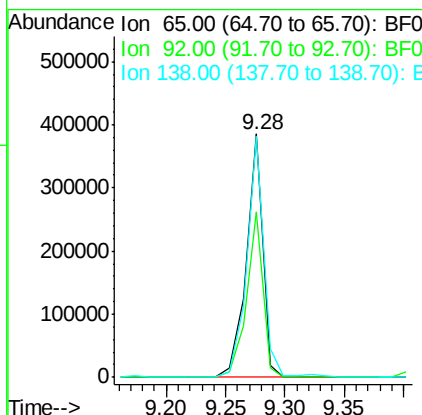
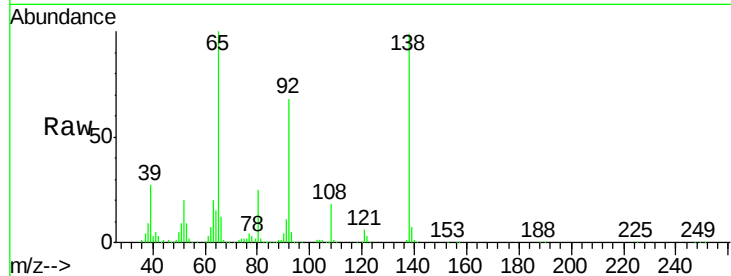
#47
2-Nitroaniline
Concen: 51.04 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.03 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.8	53.9	80.9
138	99.2	76.8	115.2

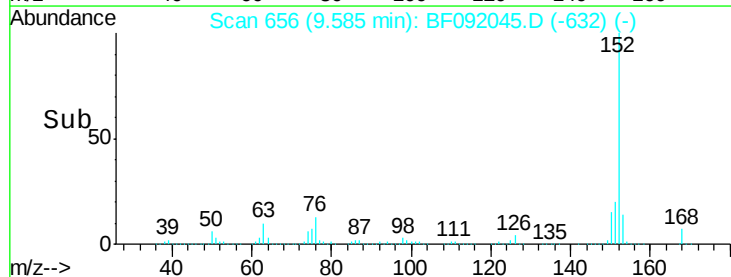
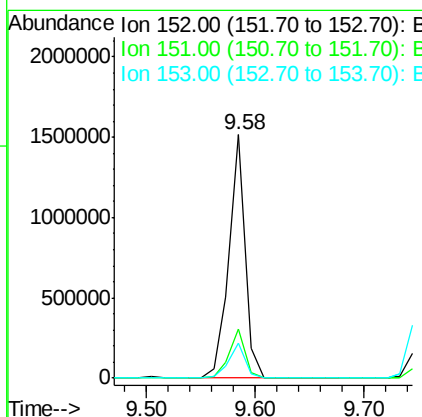
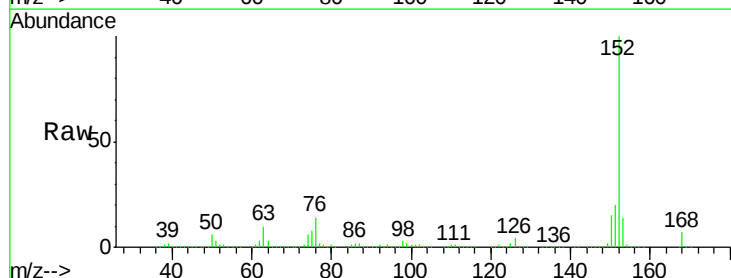
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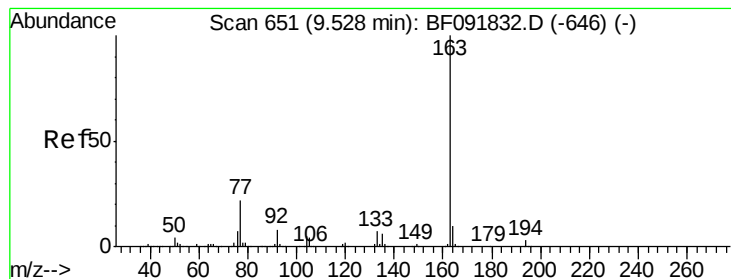
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#48
Acenaphthylene
Concen: 48.99 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	14.4	11.4	17.2





#49

Dimethylphthalate

Concen: 87.39 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.02 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Instrument :

BNA_F

ClientSampleId :

W-4(55-57)MS

Tot Ion:163 Resp: 2127546

Ion Ratio Lower Upper

163 100

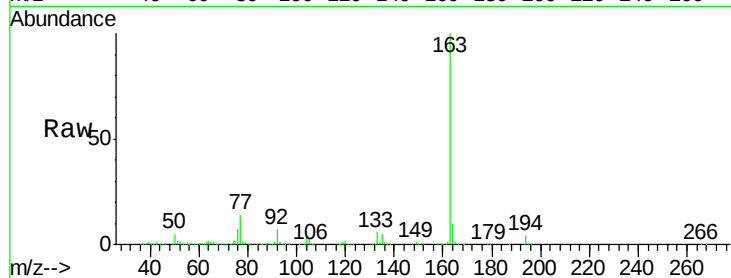
194 3.8 3.0 4.4

164 9.9 8.0 12.0

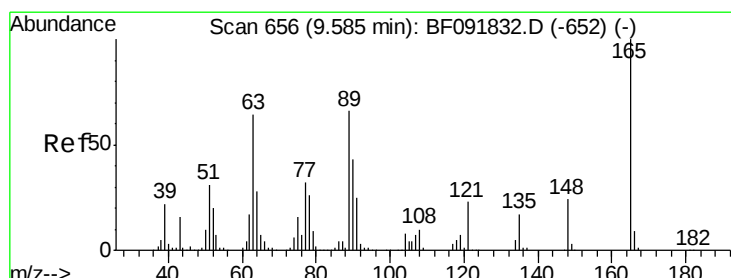
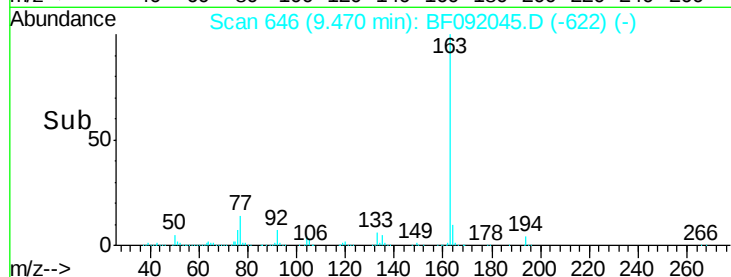
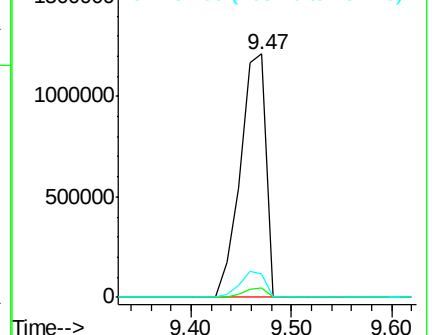
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 55.93 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

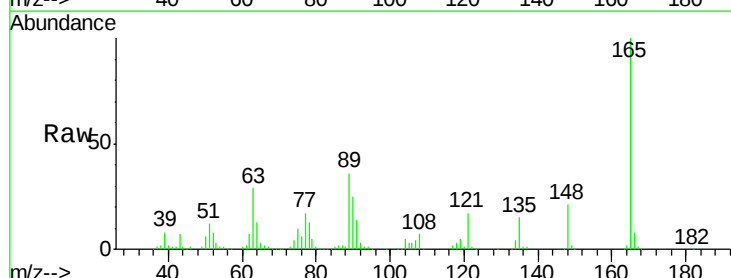
Tgt Ion:165 Resp: 298062

Ion Ratio Lower Upper

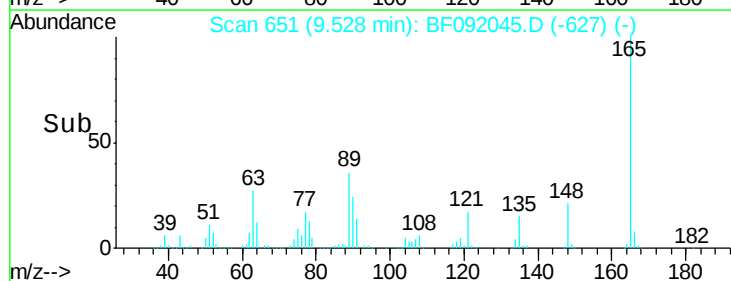
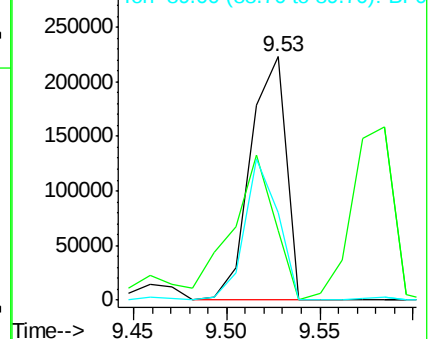
165 100

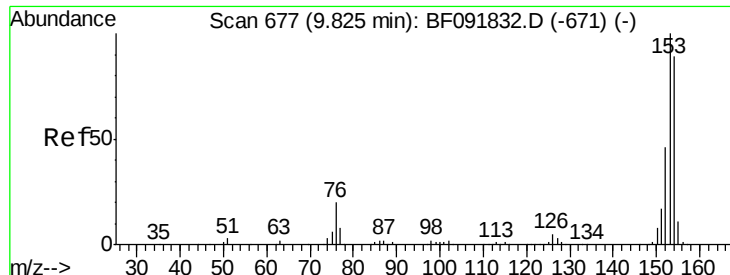
63 28.6 36.2 54.4#

89 36.0 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.85 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.03 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Instrument :

BNA_F

ClientSampleId :

W-4(55-57)MS

Tot Ion:154 Resp: 1008378

Ion Ratio Lower Upper

154 100

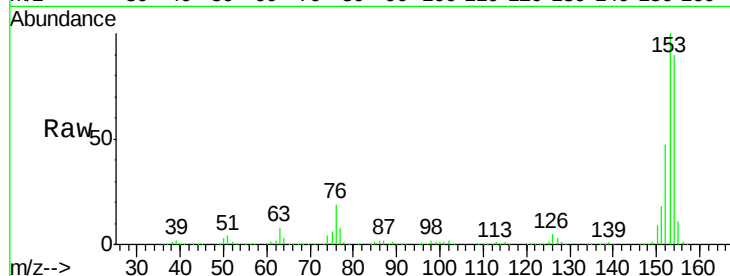
153 111.4 88.6 133.0

152 52.0 41.6 62.4

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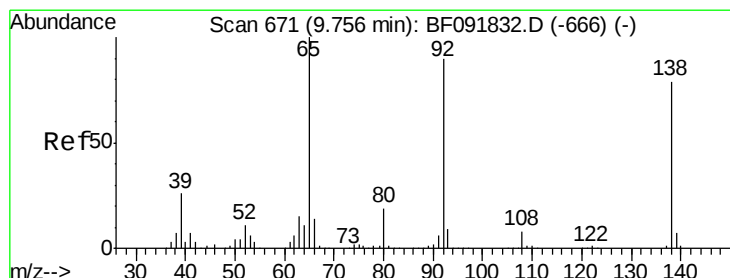
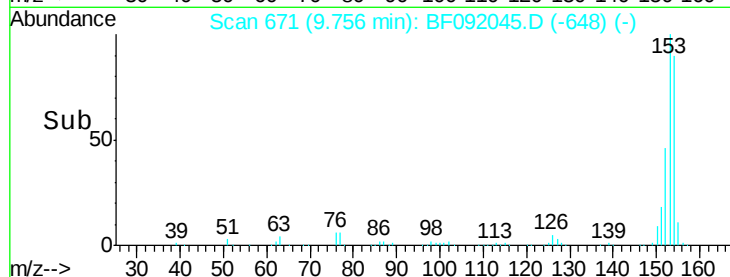
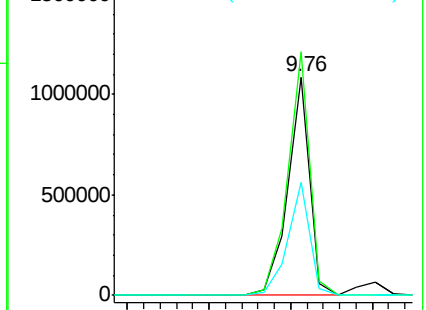
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.59 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.03 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

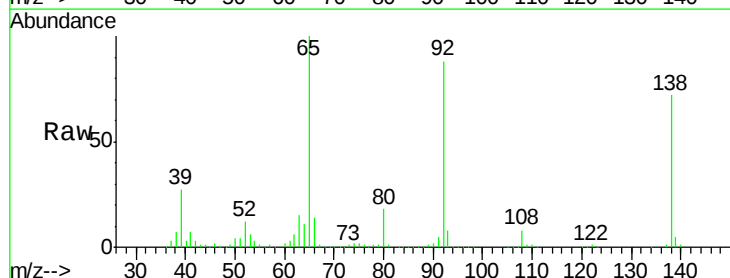
Tgt Ion:138 Resp: 214953

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

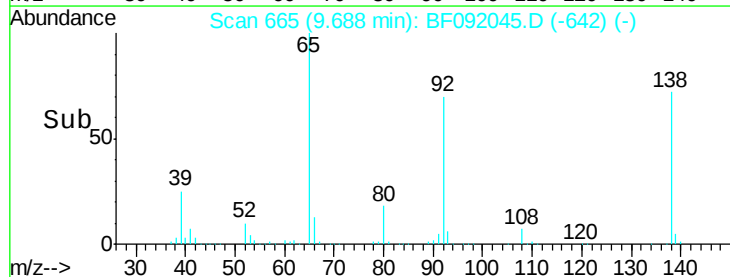
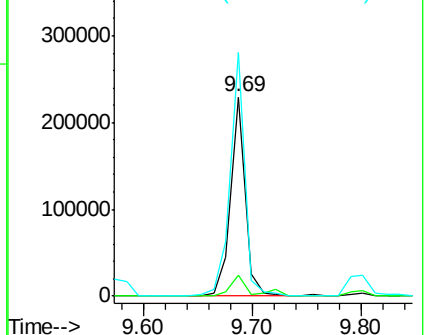
92 122.2 97.8 146.8

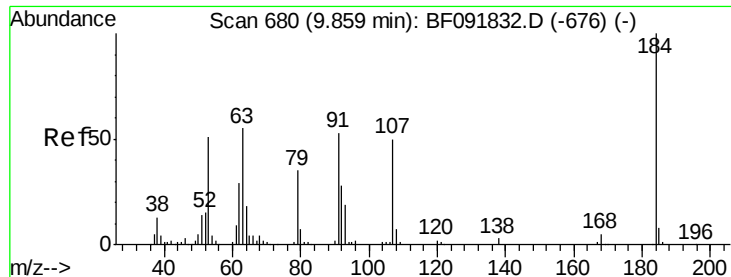


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





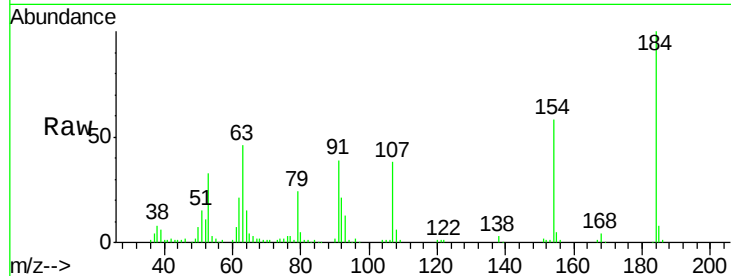
#53
2,4-Dinitrophenol
Concen: 48.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

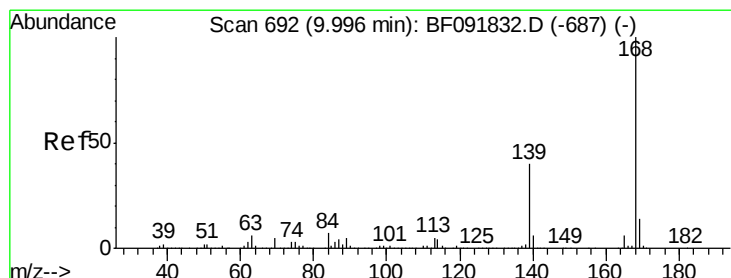
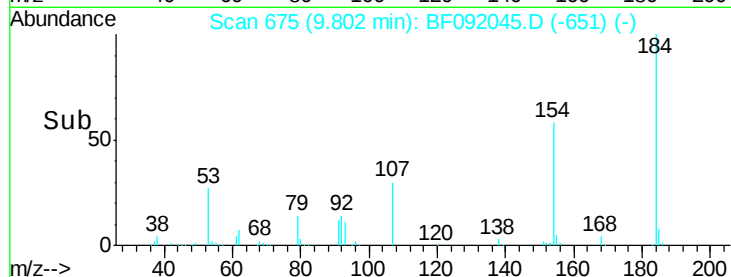
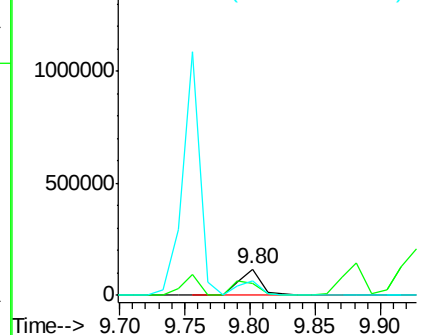
Tot Ion	Ratio	Resp	Lower	Upper
184	100	142310		
63	46.3	28.4	42.6	
154	57.7	44.3	66.5	

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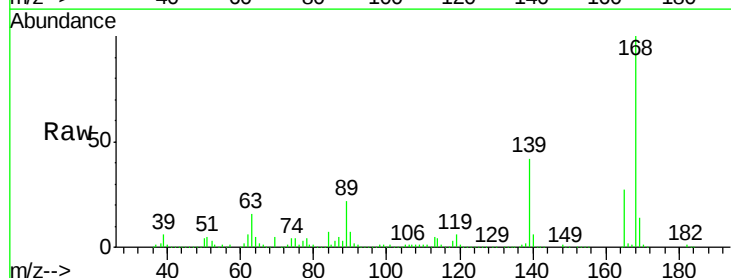


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

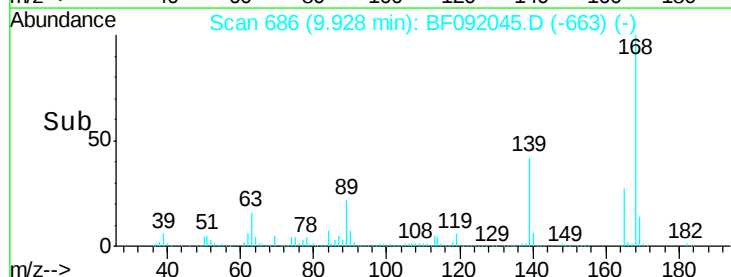
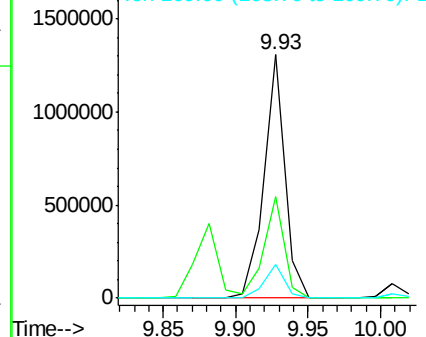


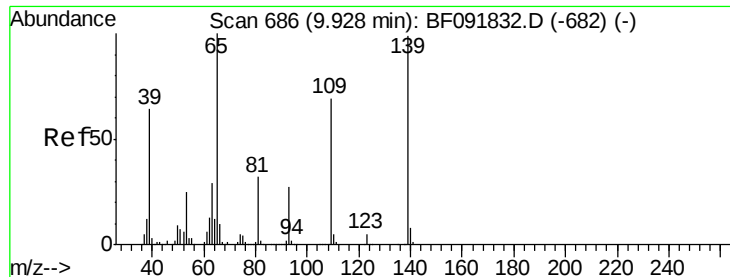
#54
Dibenzofuran
Concen: 44.89 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1304685		
139	41.9	32.6	49.0	
169	13.9	11.3	16.9	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





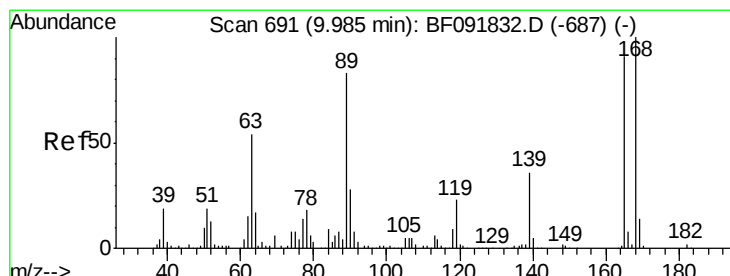
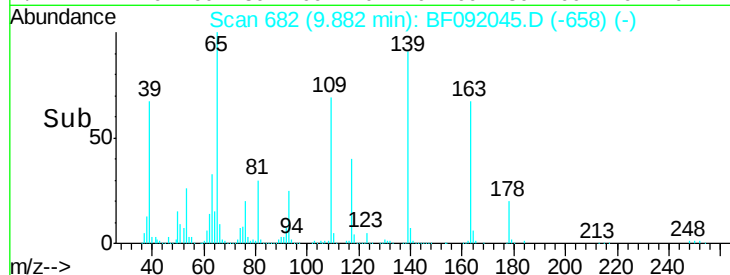
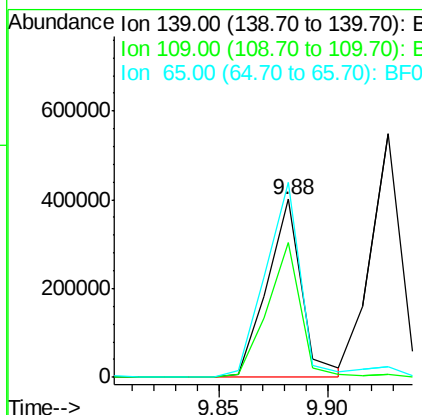
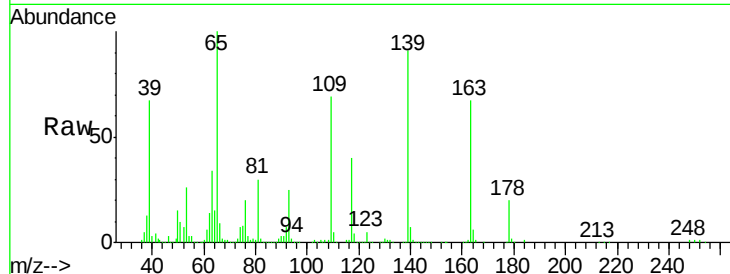
#55
4-Nitrophenol
Concen: 100.05 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	75.5	52.2	92.2
65	109.4	85.8	125.8

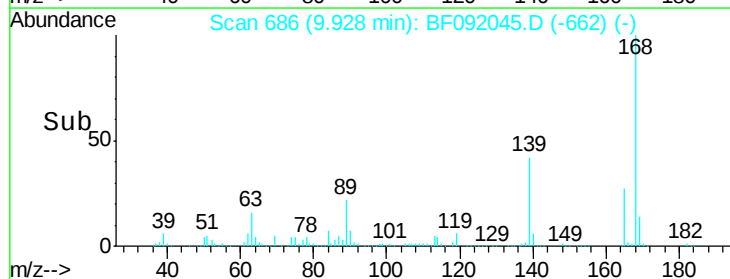
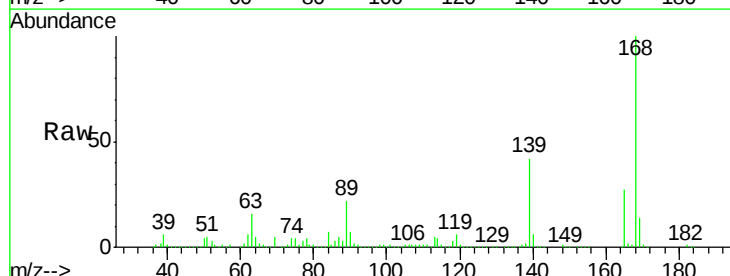
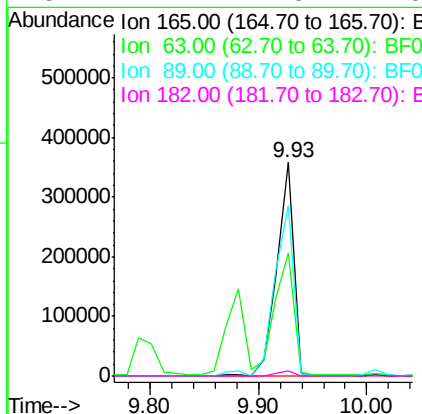
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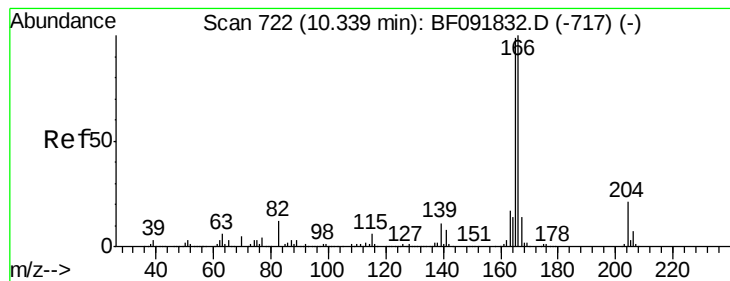
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#56
2,4-Dinitrotoluene
Concen: 57.40 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.6	40.2	60.4
89	79.5	62.5	93.7
182	2.2	1.8	2.8





#57

Fluorene

Concen: 52.02 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Instrument :

BNA_F

ClientSampleId :

W-4(55-57)MS

Tot Ion:166 Resp: 1099928

Ion Ratio Lower Upper

166 100

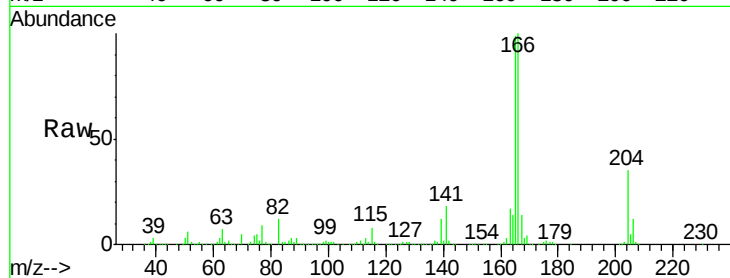
165 98.7 77.8 116.8

167 13.5 10.8 16.2

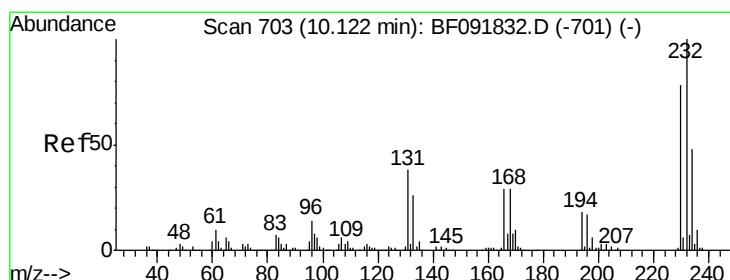
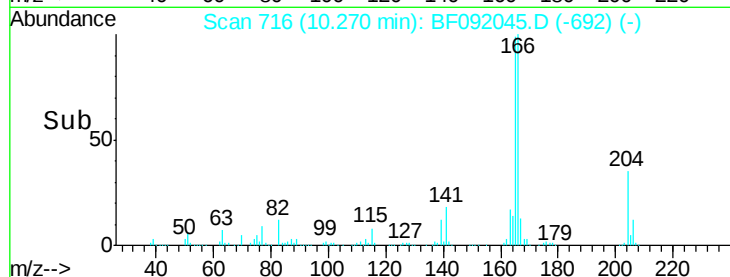
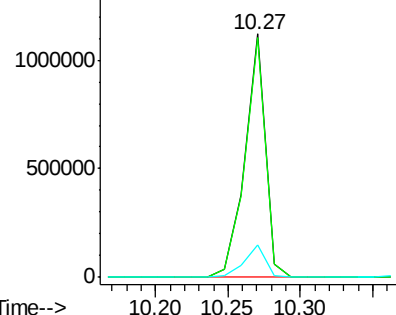
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Abundance Ion 166.00 (165.70 to 166.70): E
1500000 Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.75 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.03 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Tgt Ion:232 Resp: 294288

Ion Ratio Lower Upper

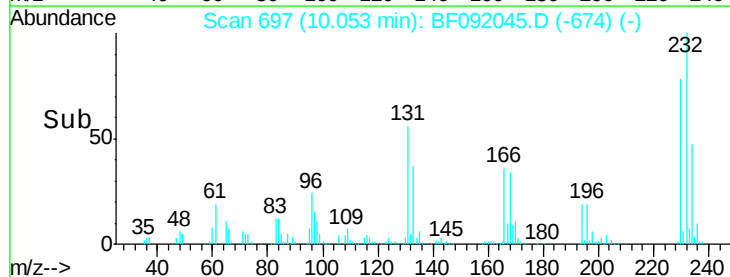
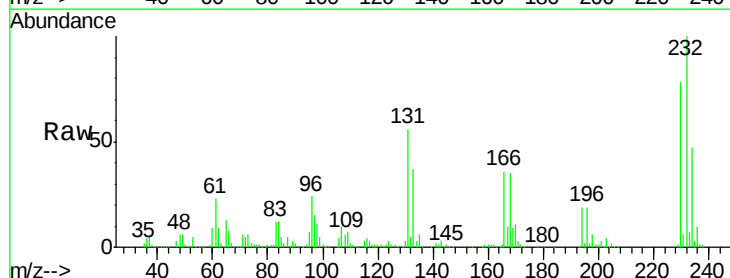
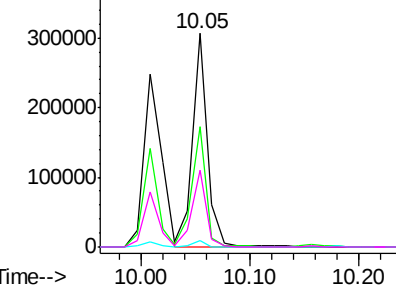
232 100

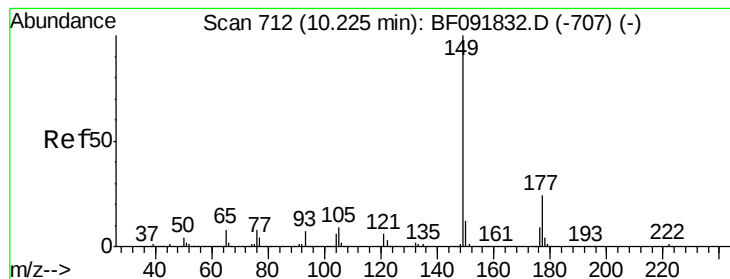
131 52.8 40.1 60.1

130 2.5 1.8 2.8

166 34.0 26.6 39.8

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





#59

Diethylphthalate

Concen: 50.56 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Instrument :

BNA_F

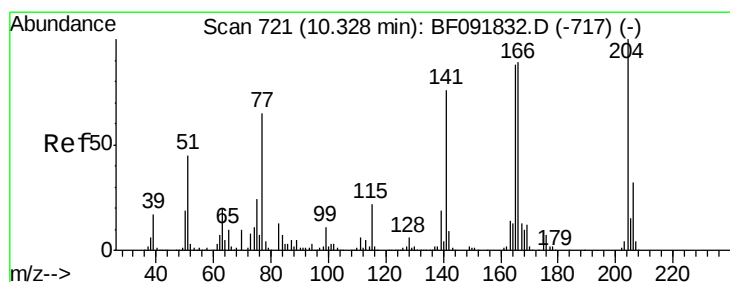
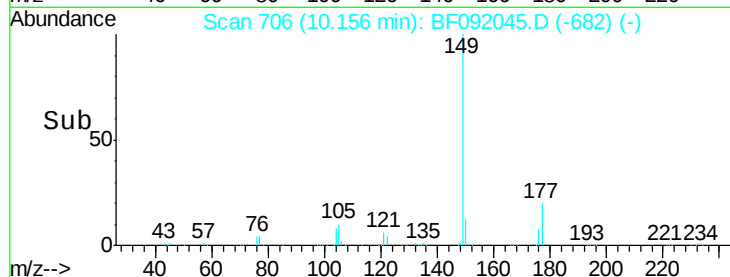
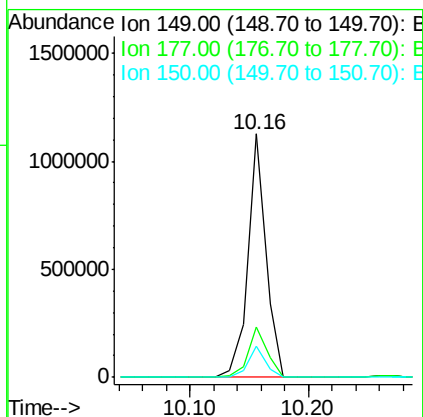
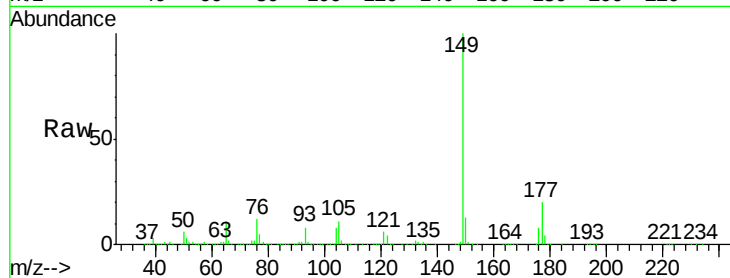
ClientSampleId :

W-4(55-57)MS

Tot Ion:	149	Resp:	1195501
Ion Ratio	Lower	Upper	
149	100		
177	20.5	16.6	25.0
150	12.7	10.4	15.6

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#60

4-Chlorophenyl-phenylether

Concen: 53.87 ng

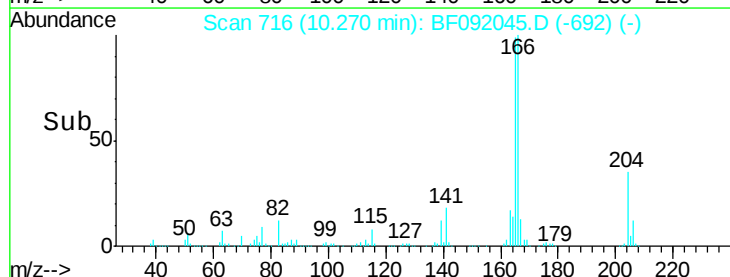
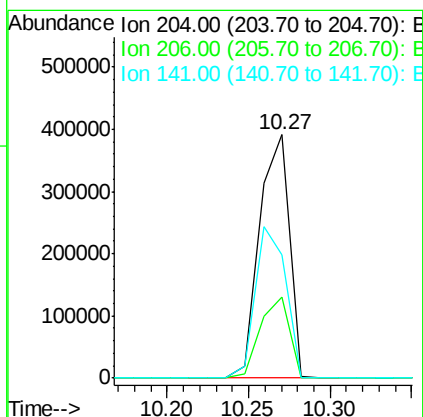
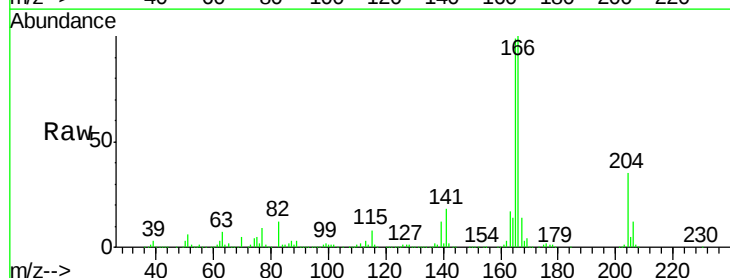
RT: 10.27 min Scan# 716

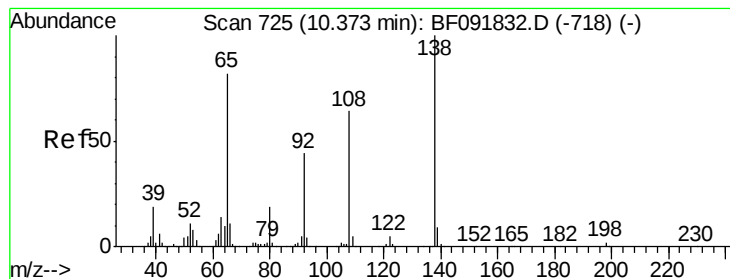
Delta R.T. -0.02 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Tgt Ion:	204	Resp:	498810
Ion Ratio	Lower	Upper	
204	100		
206	33.4	25.8	38.6
141	50.4	59.4	89.0#





#61

4-Nitroaniline

Concen: 44.76 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Instrument :

BNA_F

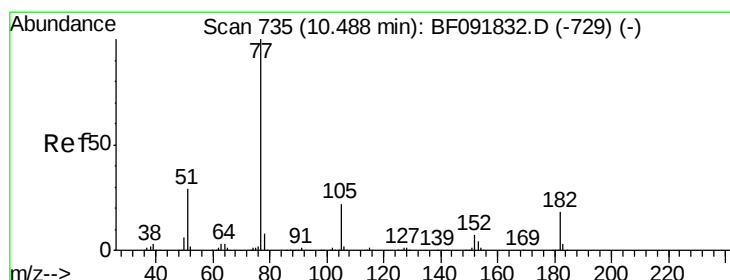
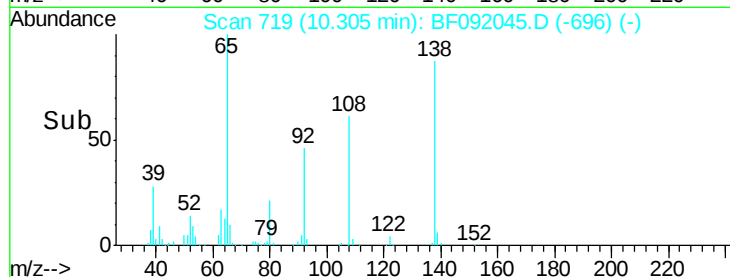
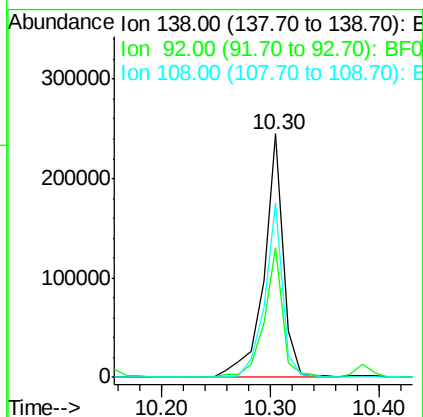
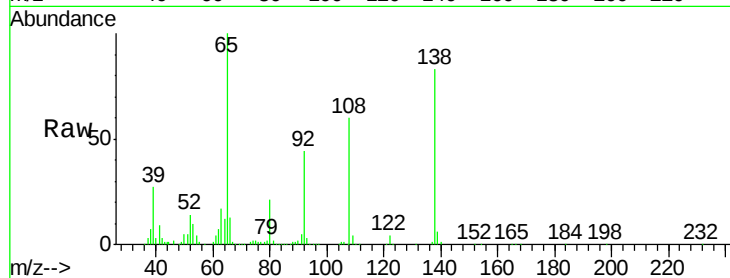
ClientSampleId :

W-4(55-57)MS

Tot Ion:	138	Resp:	305858
Ion Ratio	Lower	Upper	
138	100		
92	53.2	31.7	71.7
108	71.6	52.6	92.6

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#62

Azobenzene

Concen: 54.72 ng

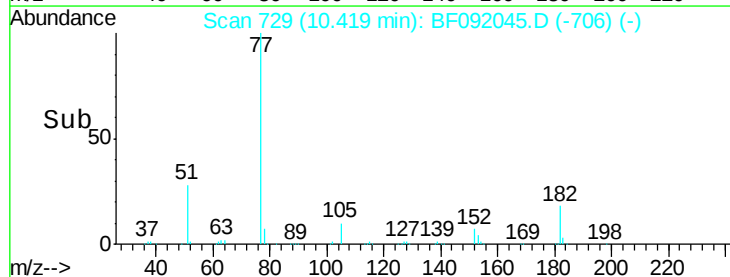
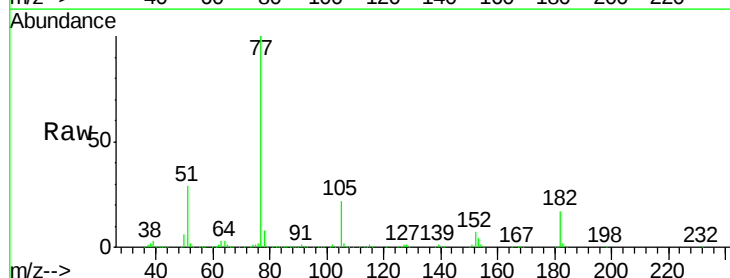
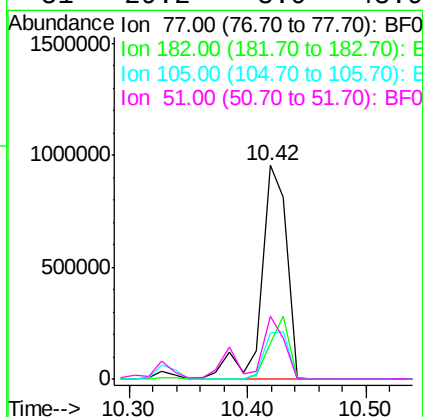
RT: 10.42 min Scan# 729

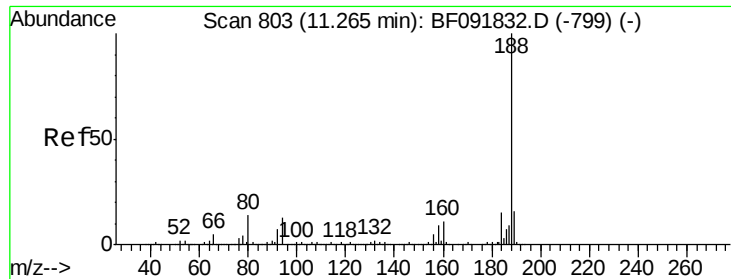
Delta R.T. -0.03 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Tgt Ion:	77	Resp:	1424542
Ion Ratio	Lower	Upper	
77	100		
182	17.1	0.0	39.3
105	21.6	2.3	42.3
51	29.2	8.9	48.9





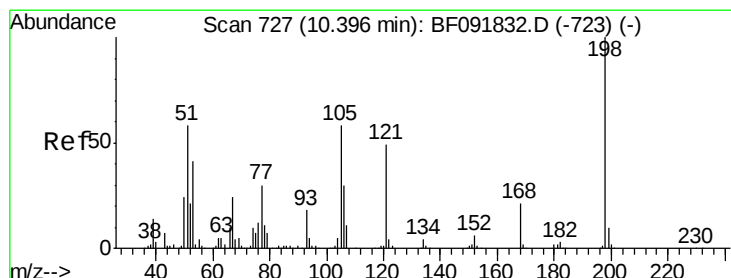
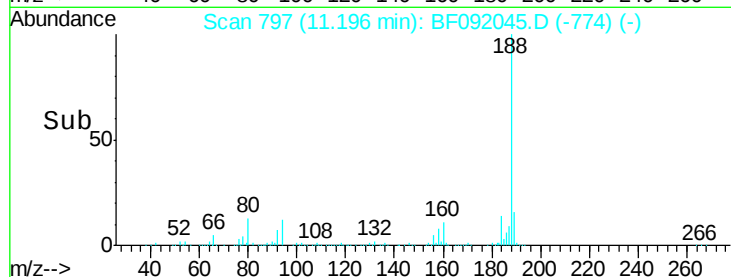
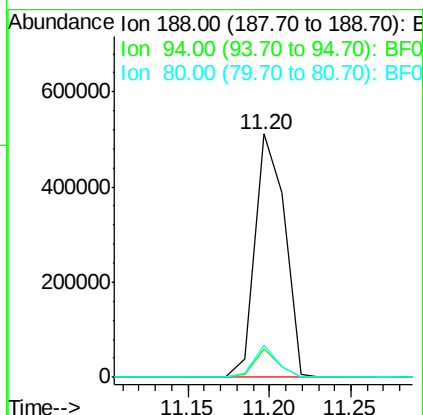
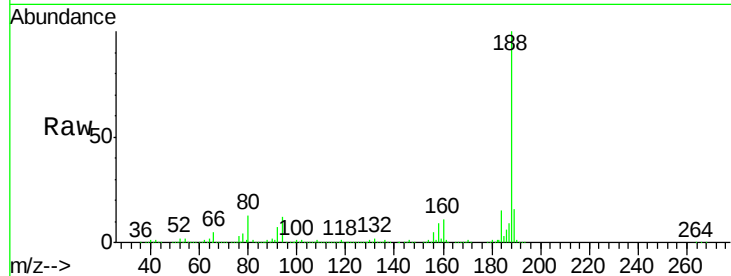
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	648211		
94	11.9		10.0	15.0
80	13.3		11.2	16.8

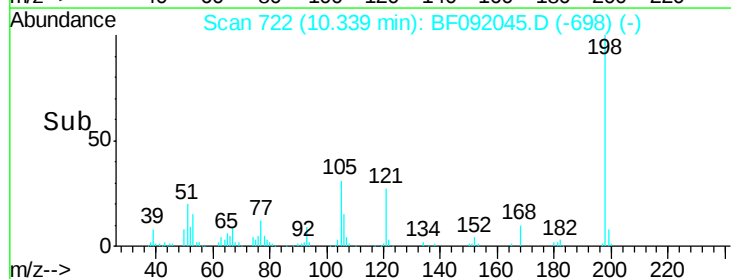
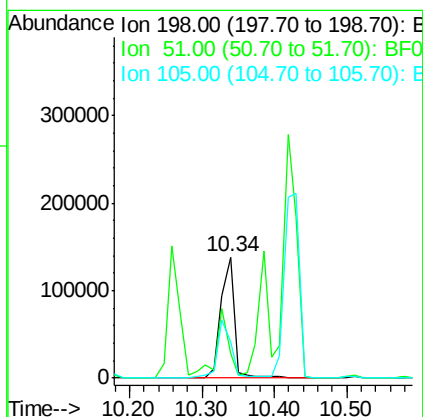
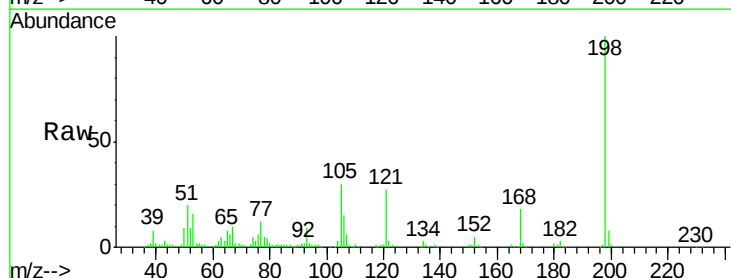
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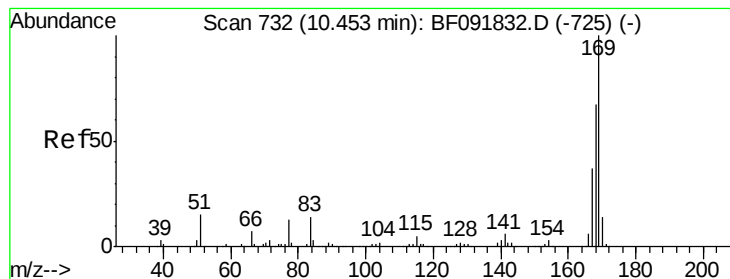
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.50 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	182256		
51	20.0		6.7	46.7
105	30.2		16.6	56.6





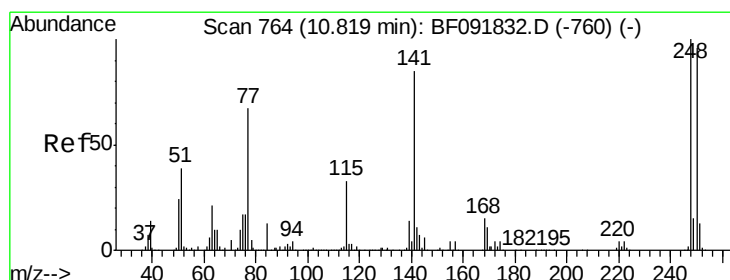
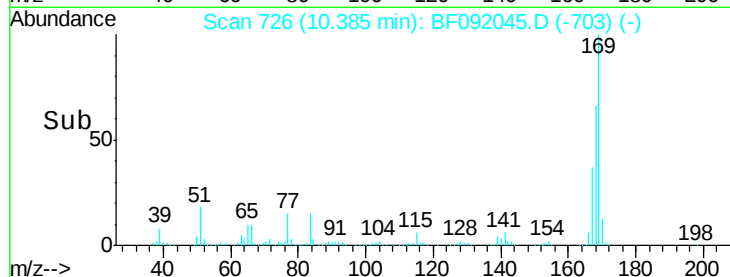
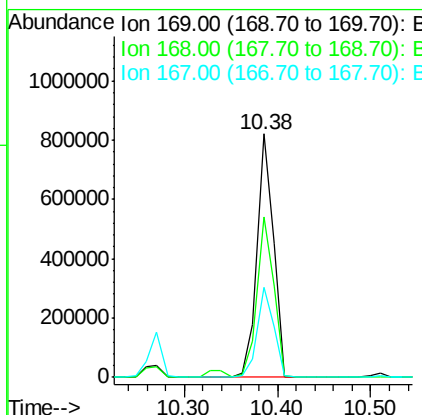
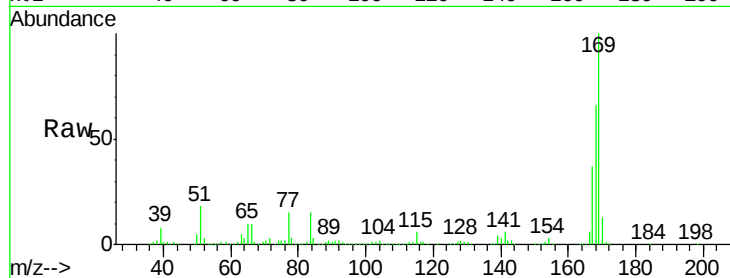
#65
n-Nitrosodiphenylamine
Concen: 52.61 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.1	54.2	81.2
167	36.8	30.2	45.4

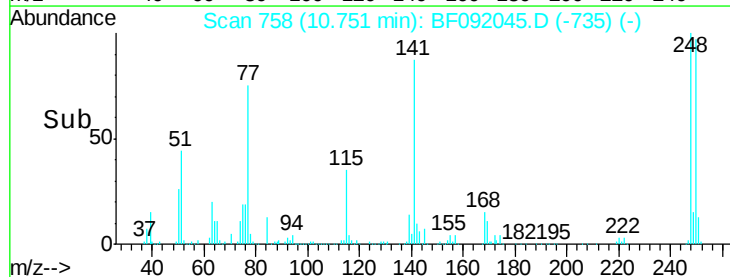
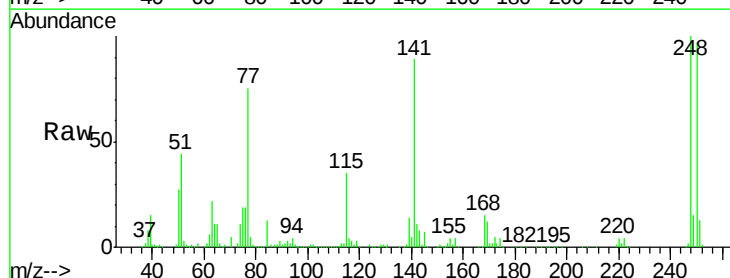
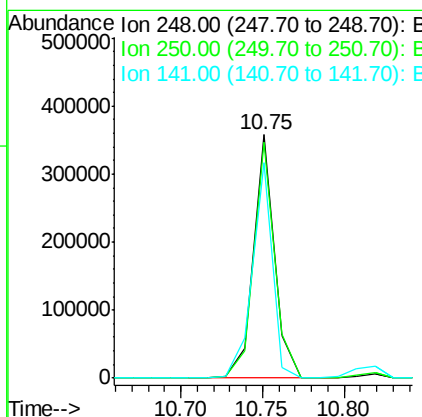
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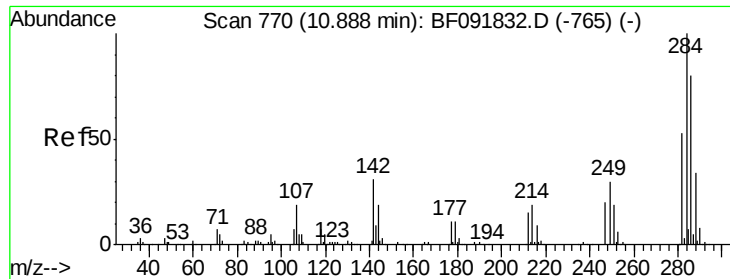
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#66
4-Bromophenyl-phenylether
Concen: 47.56 ng
RT: 10.75 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.9	115.3
141	88.6	68.2	102.4





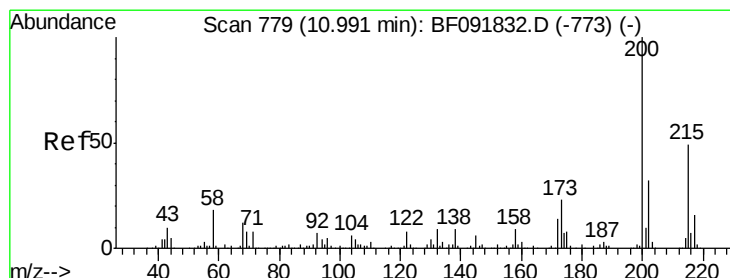
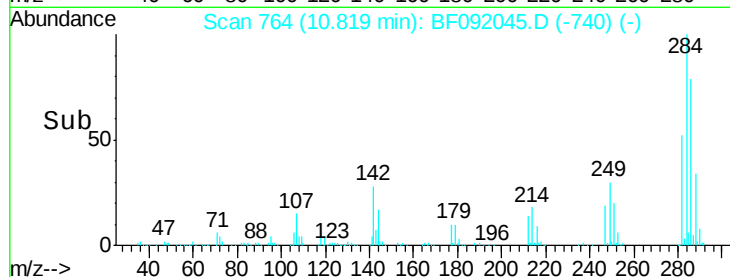
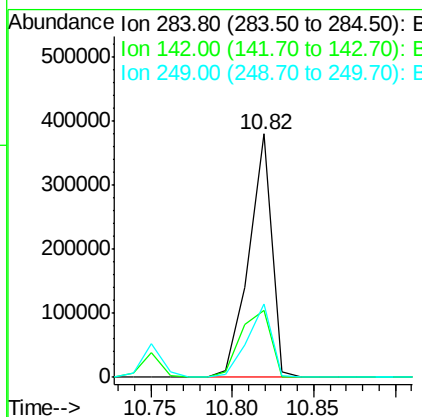
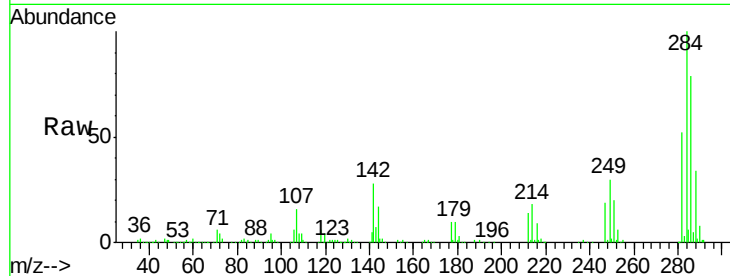
#67
Hexachlorobenzene
Concen: 51.42 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	370609		
142	27.7		22.6	33.8
249	30.2		25.4	38.0

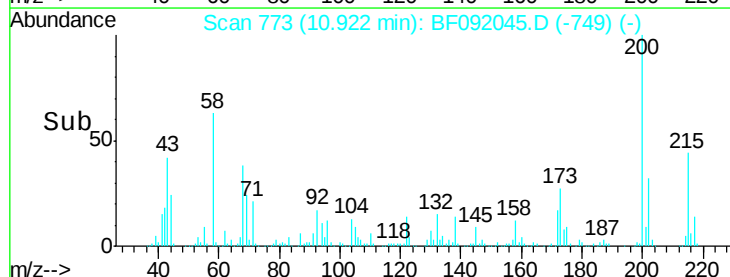
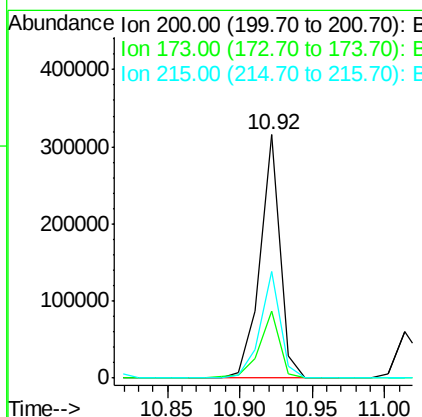
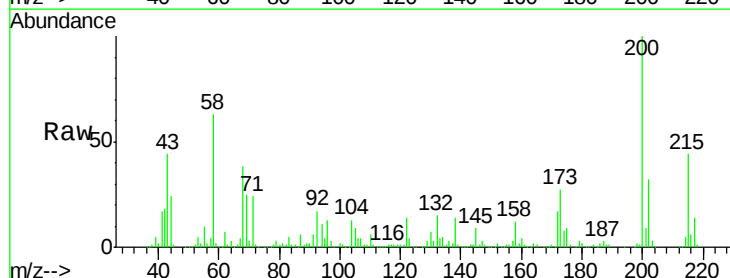
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#68
Atrazine
Concen: 48.57 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	301386		
173	27.4		9.6	49.6
215	43.9		25.7	65.7





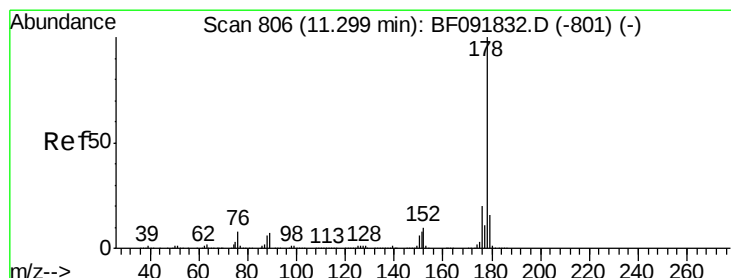
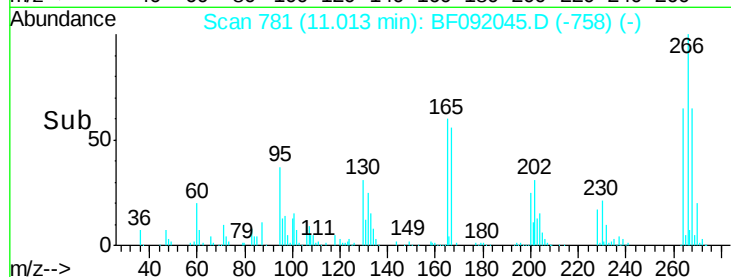
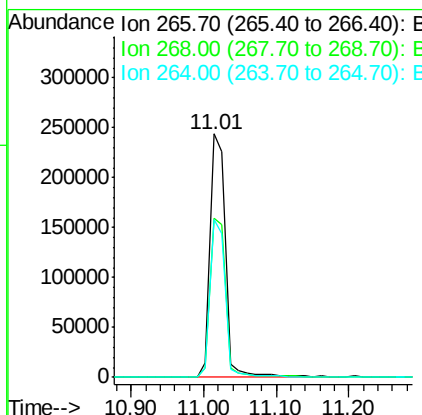
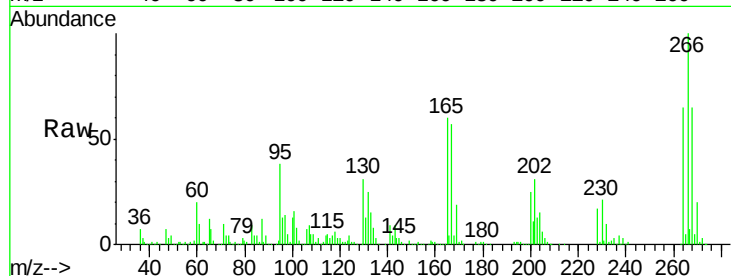
#69
 Pentachlorophenol
 Concen: 102.41 ng
 RT: 11.01 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF092045.D
 Acq: 30 Dec 2016 14:29

Instrument :
 BNA_F
 ClientSampleId :
 W-4(55-57)MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.4	53.3	79.9
264	64.7	50.3	75.5

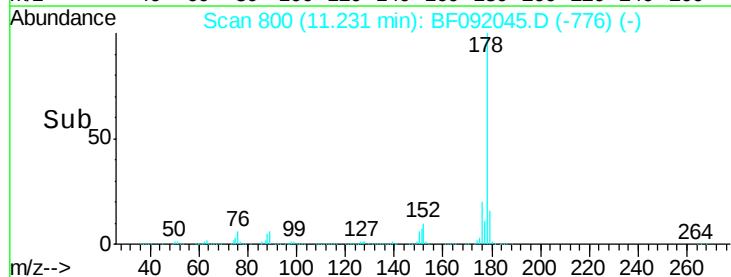
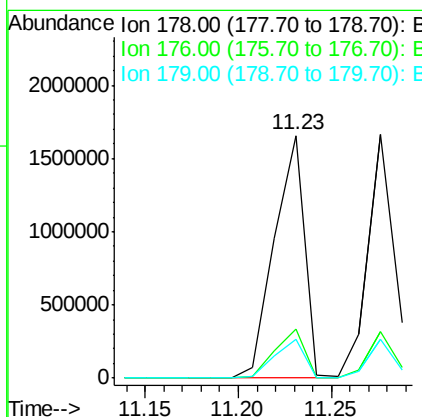
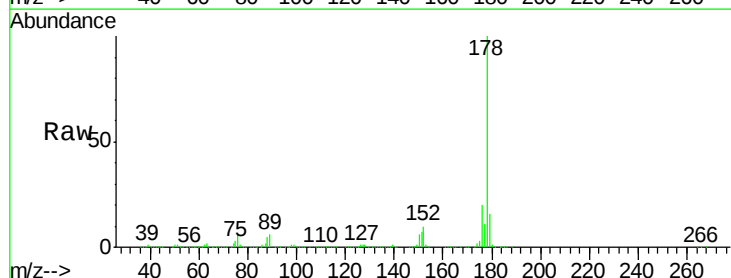
Manual Integrations
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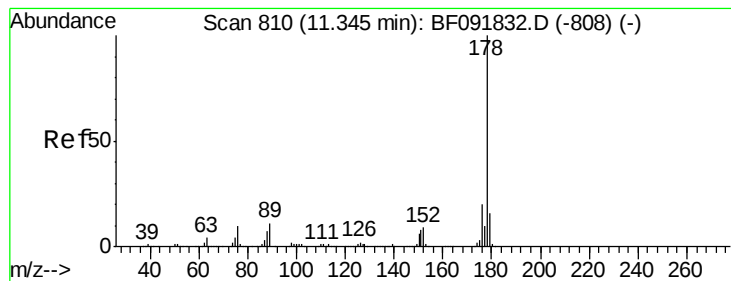
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#70
 Phenanthrene
 Concen: 53.16 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF092045.D
 Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	15.9	12.8	19.2





#71

Anthracene

Concen: 57.21 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Instrument :

BNA_F

ClientSampleId :

W-4(55-57)MS

Tot Ion:178 Resp: 1618406

Ion Ratio Lower Upper

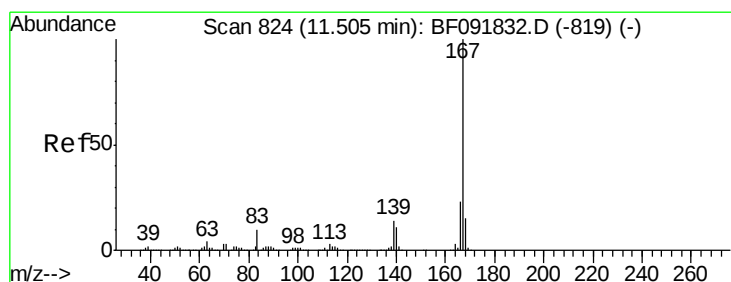
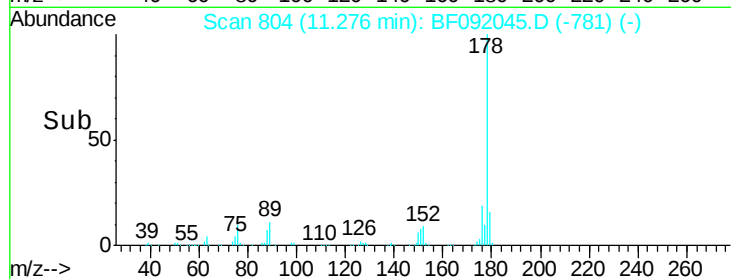
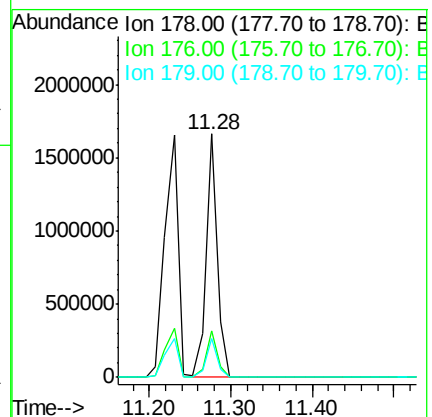
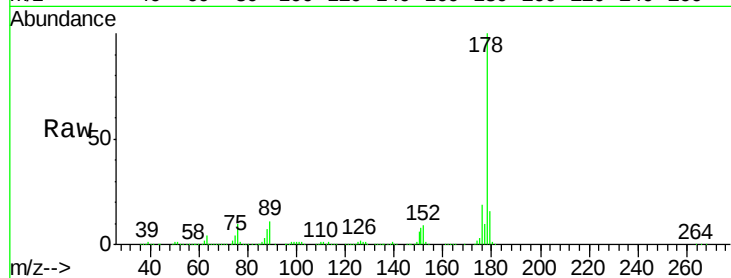
178 100

176 19.3 15.9 23.9

179 16.1 13.2 19.8

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#72

Carbazole

Concen: 60.71 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.03 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

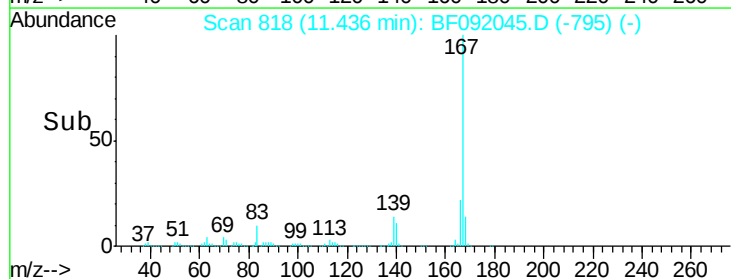
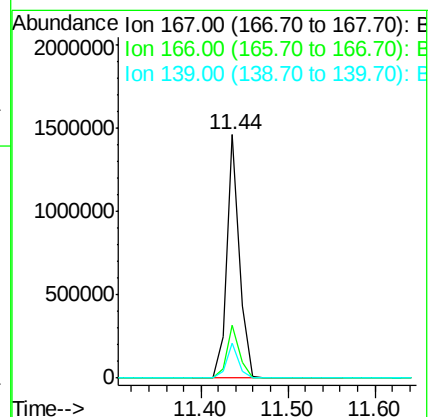
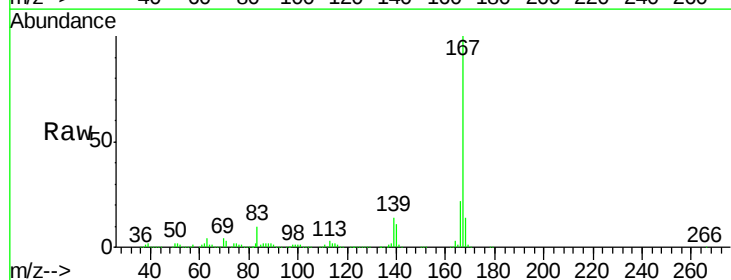
Tgt Ion:167 Resp: 1483243

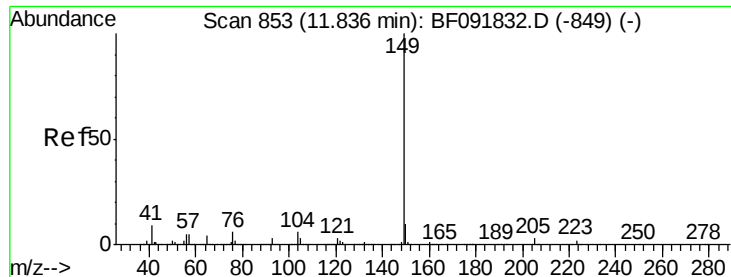
Ion Ratio Lower Upper

167 100

166 21.8 18.2 27.2

139 14.5 11.4 17.2





#73

Di-n-butylphthalate

Concen: 63.48 ng

RT: 11.78 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Instrument :

BNA_F

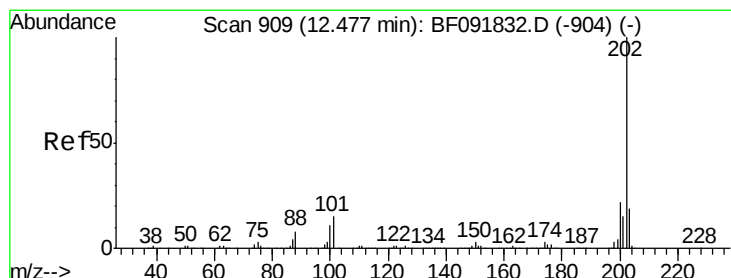
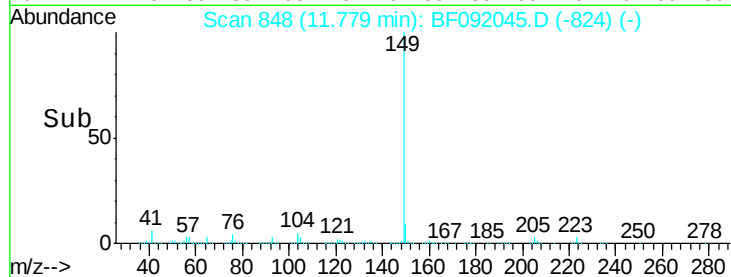
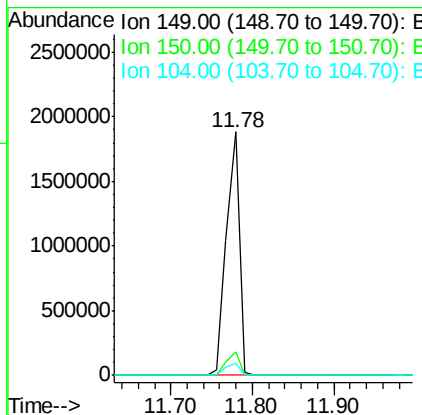
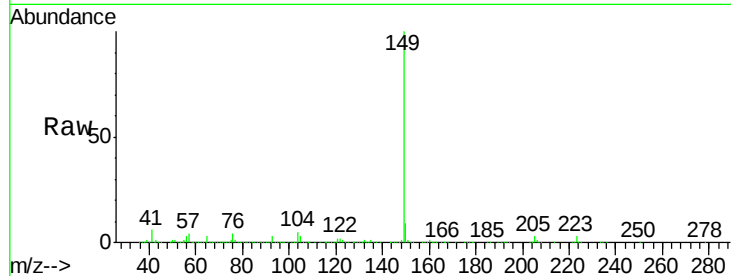
ClientSampleId :

W-4(55-57)MS

Tot Ion:	149	Resp:	2058137
Ion Ratio	Lower	Upper	
149	100		
150	9.4	8.1	12.1
104	4.8	4.6	7.0

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#74

Fluoranthene

Concen: 66.49 ng

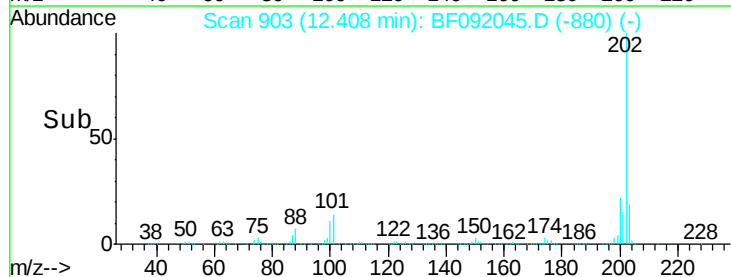
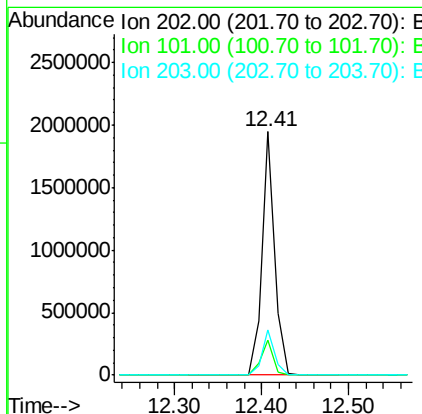
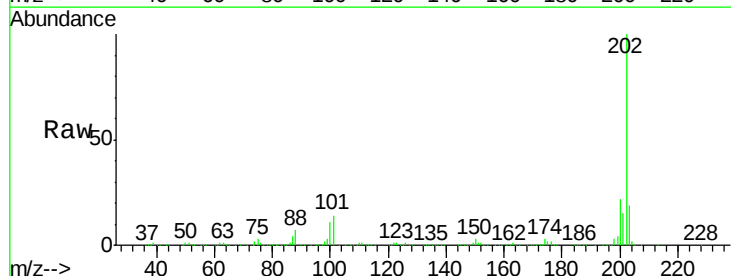
RT: 12.41 min Scan# 903

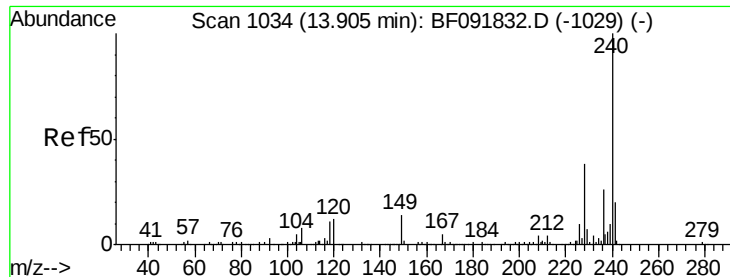
Delta R.T. -0.03 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Tgt Ion:	202	Resp:	1994093
Ion Ratio	Lower	Upper	
202	100		
101	14.3	0.0	34.6
203	18.7	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Instrument :

BNA_F

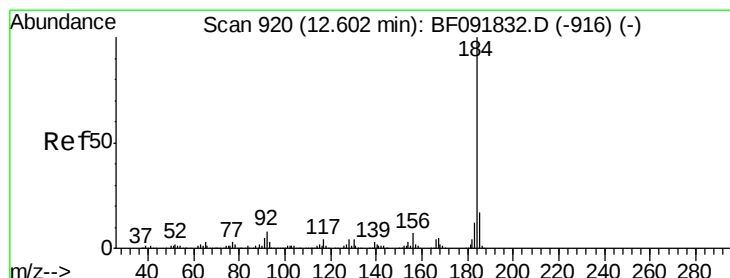
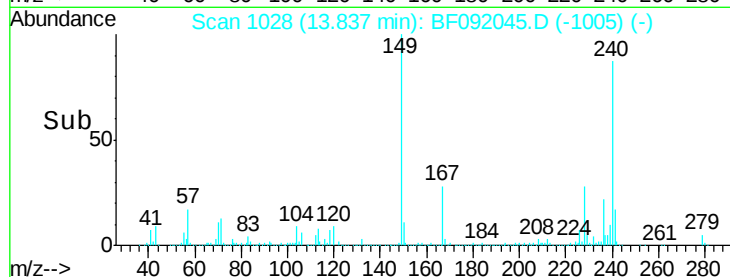
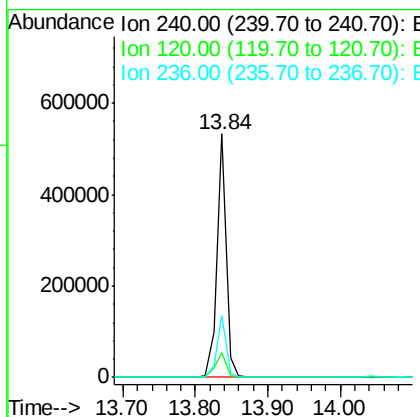
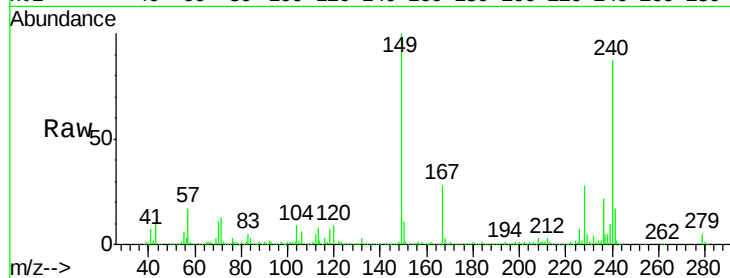
ClientSampleId :

W-4(55-57)MS

Tot Ion:	240	Resp:	474235
Ion Ratio		Lower	Upper
240	100		
120	10.1	12.9	19.3#
236	25.6	20.9	31.3

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#76

Benzidine

Concen: 46.09 ng

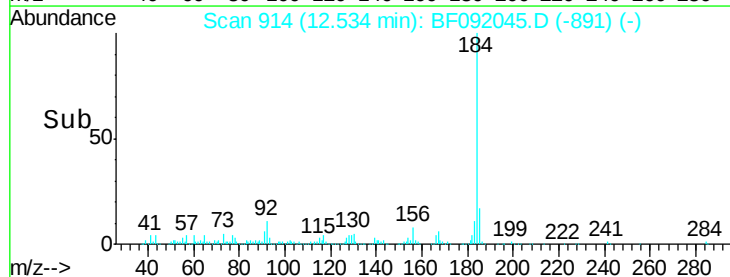
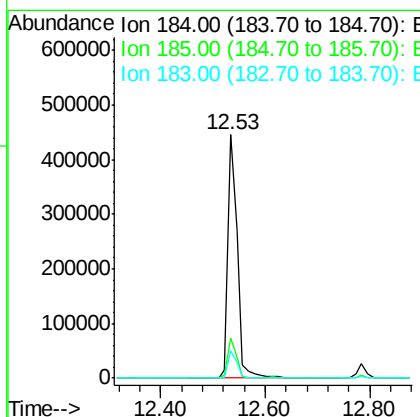
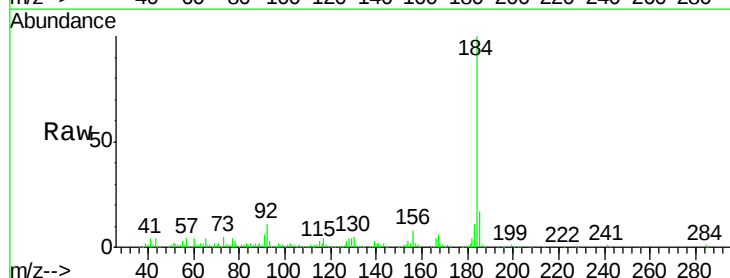
RT: 12.53 min Scan# 914

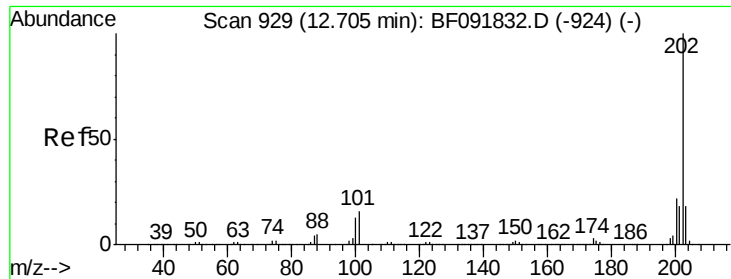
Delta R.T. -0.03 min

Lab File: BF092045.D

Acq: 30 Dec 2016 14:29

Tgt Ion:	184	Resp:	553295
Ion Ratio		Lower	Upper
184	100		
185	16.5	13.4	20.0
183	11.3	9.2	13.8





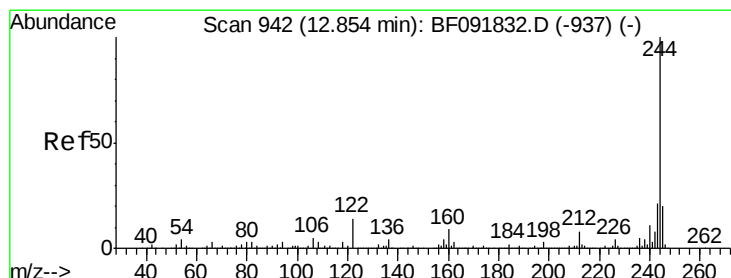
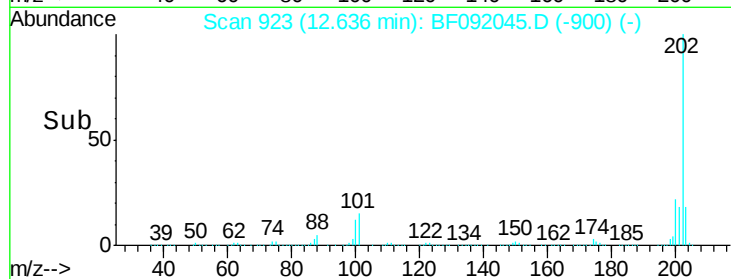
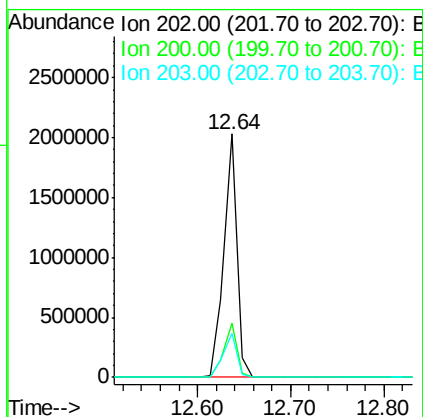
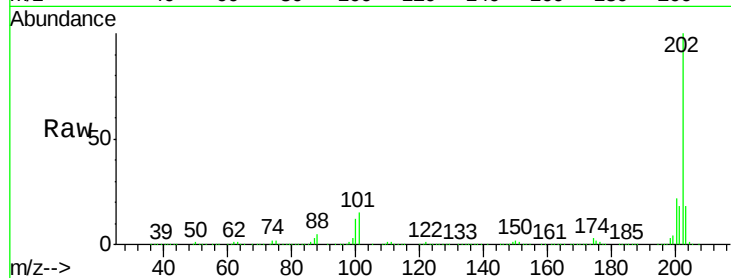
#77
Pvrene
Concen: 56.65 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.03 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	18.3	14.7	22.1

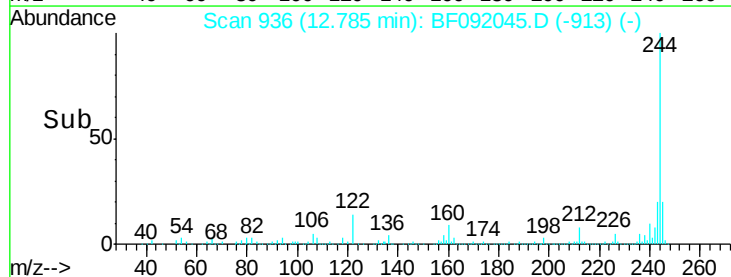
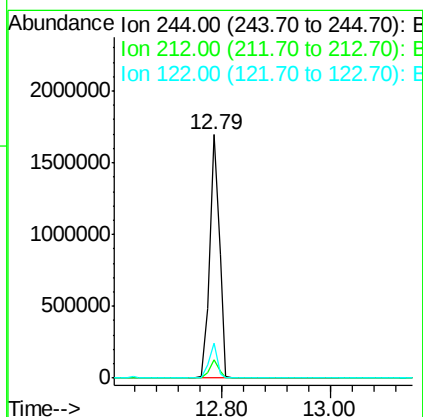
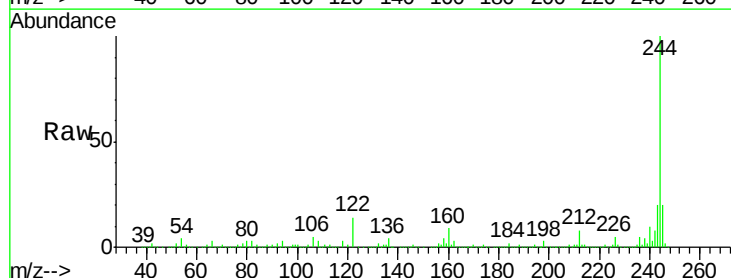
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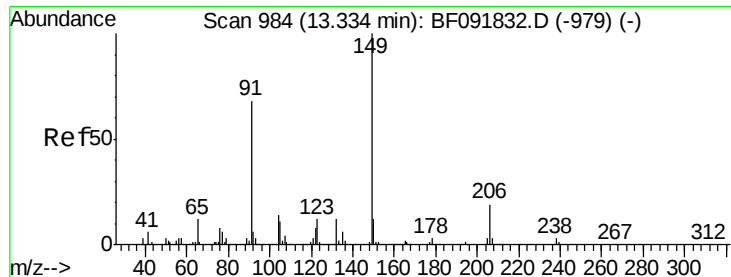
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#78
Terphenyl-d14
Concen: 108.17 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.03 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	14.4	11.4	17.2





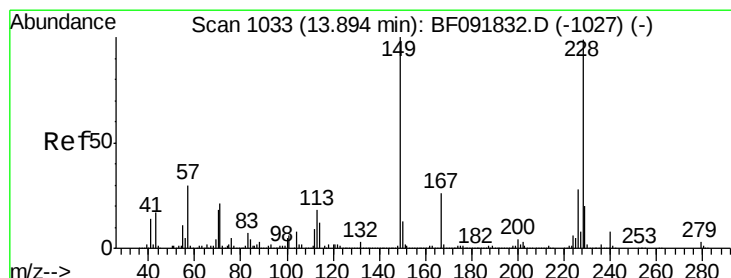
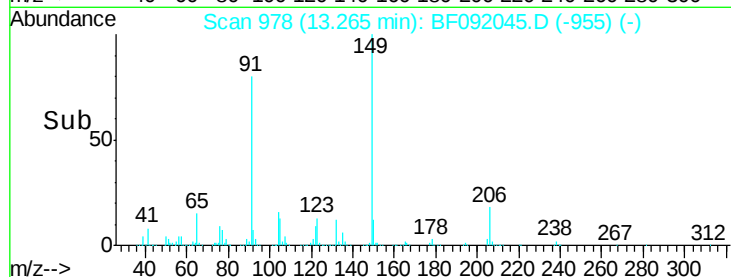
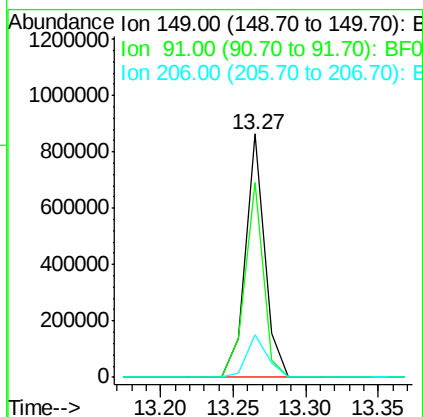
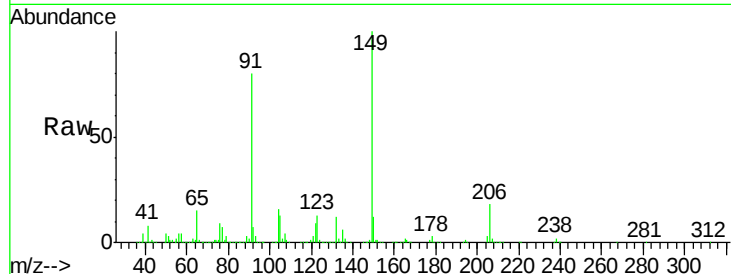
#79
Butylbenzylphthalate
Concen: 50.40 ng
RT: 13.27 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	797523		
91	80.1	63.9	95.9	
206	17.6	14.6	21.8	

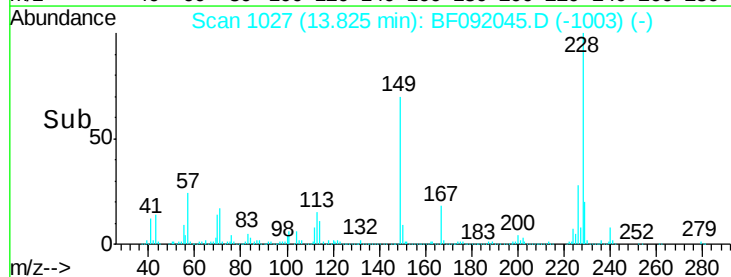
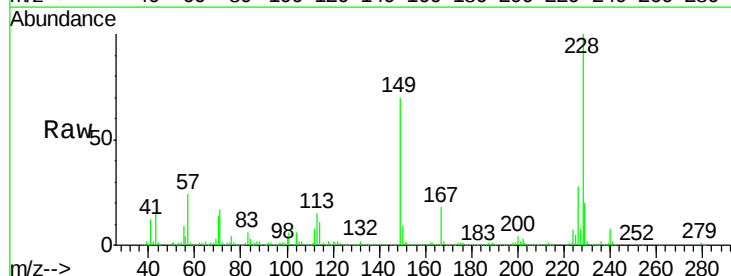
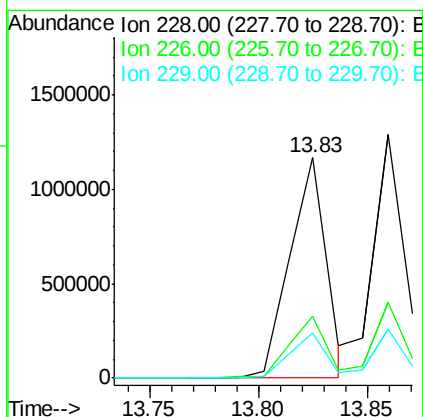
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#80
Benzo(a)anthracene
Concen: 50.94 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1363505		
226	28.3	22.4	33.6	
229	20.5	16.2	24.4	





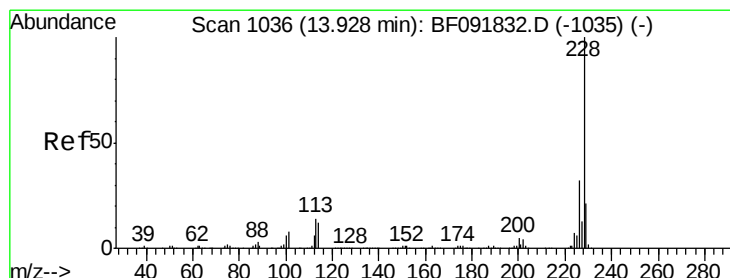
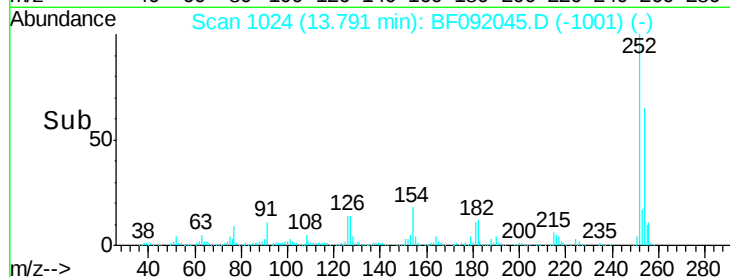
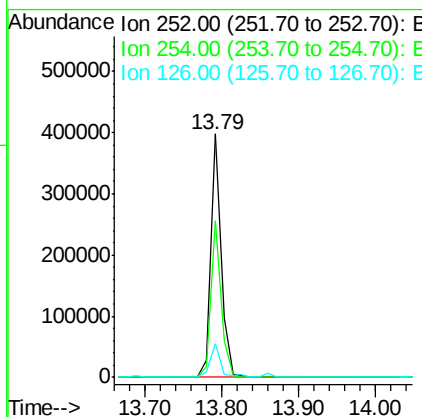
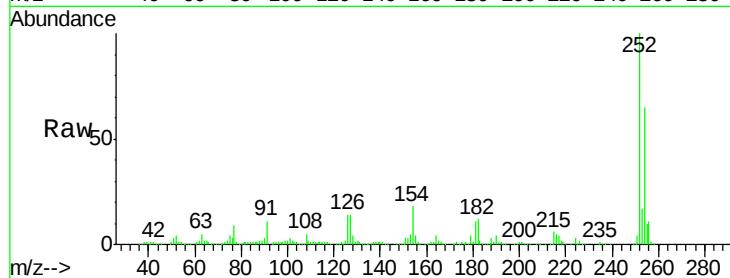
#81
 3,3'-Dichlorobenzidine
 Concen: 36.27 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.03 min
 Lab File: BF092045.D
 Acq: 30 Dec 2016 14:29

Instrument :
 BNA_F
 ClientSampleId :
 W-4(55-57)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.3	78.5
126	14.0	13.6	20.4

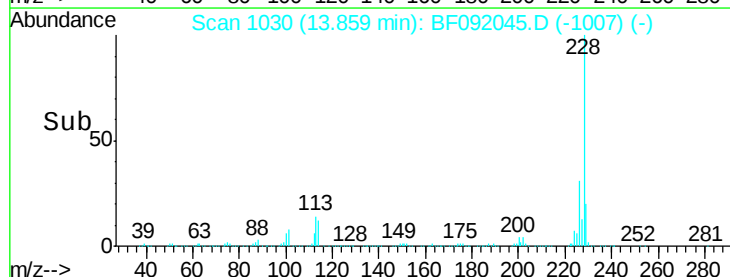
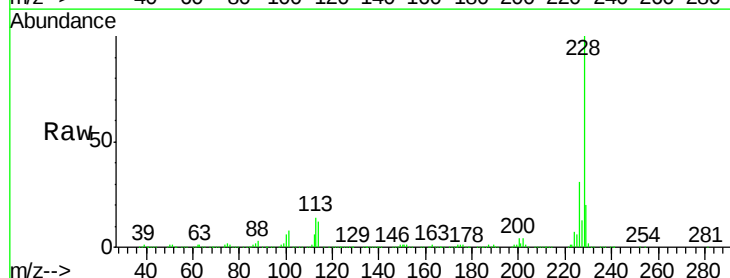
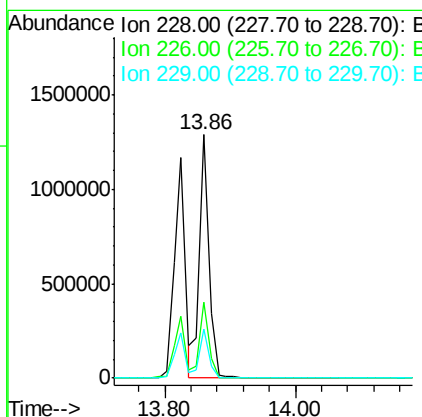
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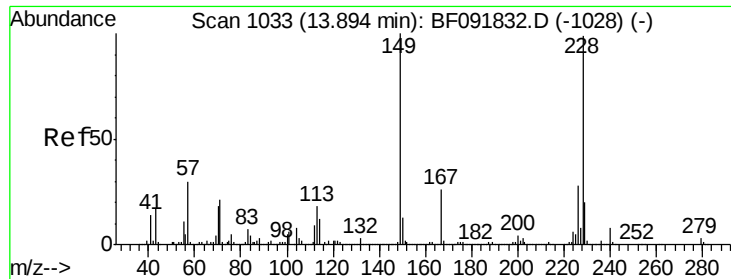
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#82
 Chrysene
 Concen: 48.30 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF092045.D
 Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	20.3	16.2	24.2





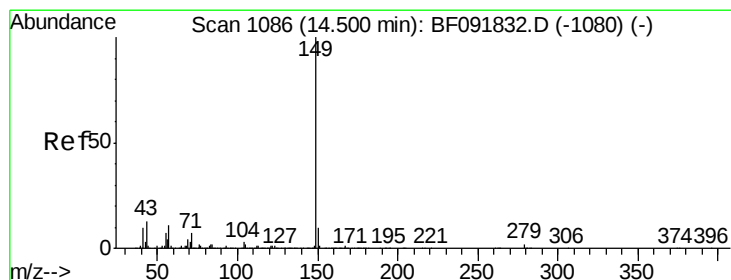
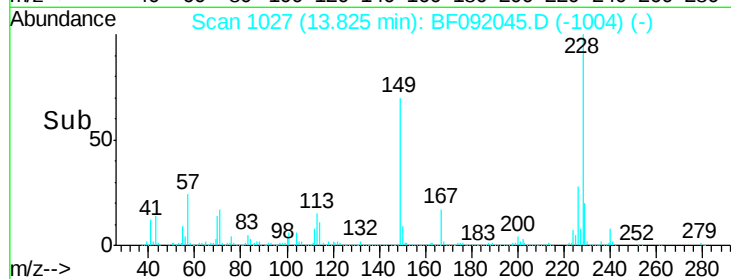
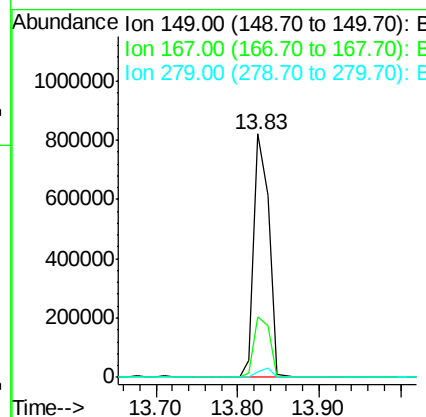
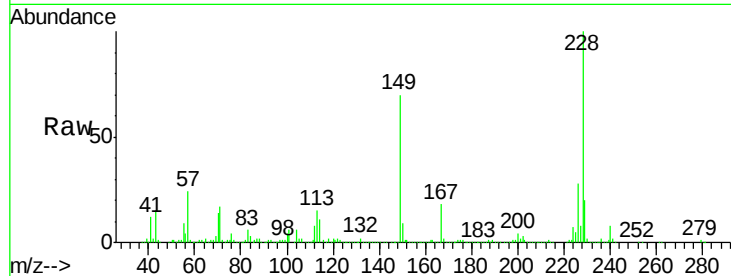
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.63 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.03 min
 Lab File: BF092045.D
 Acq: 30 Dec 2016 14:29

Instrument :
 BNA_F
 ClientSampleId :
 W-4(55-57)MS

Tot Ion:149 Resp: 1036665
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.2 30.4
 279 2.1 1.8 2.8

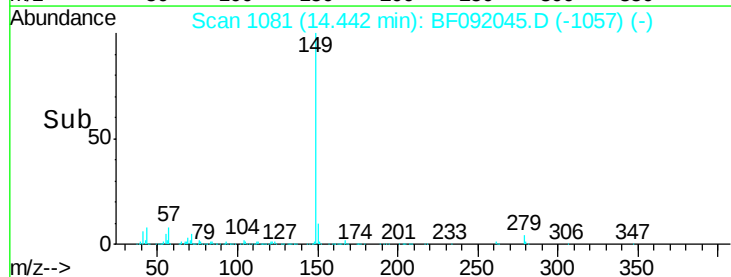
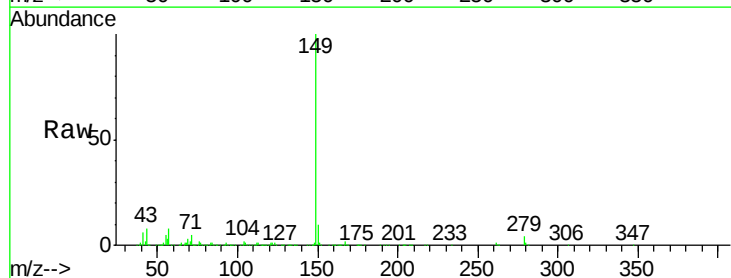
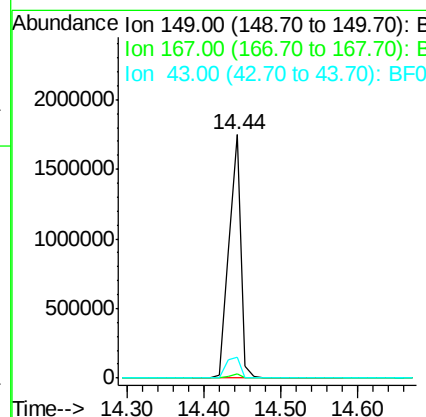
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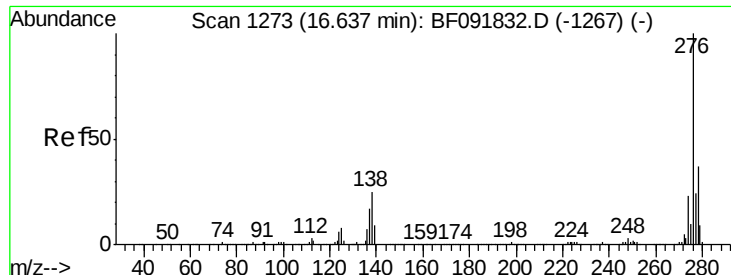
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#84
 Di-n-octyl phthalate
 Concen: 55.56 ng
 RT: 14.44 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF092045.D
 Acq: 30 Dec 2016 14:29

Tgt Ion:149 Resp: 1918255
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.6 8.9 13.3





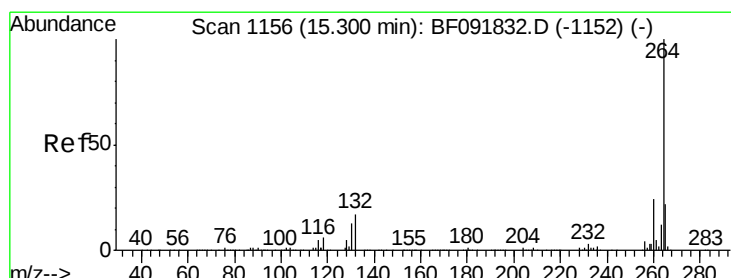
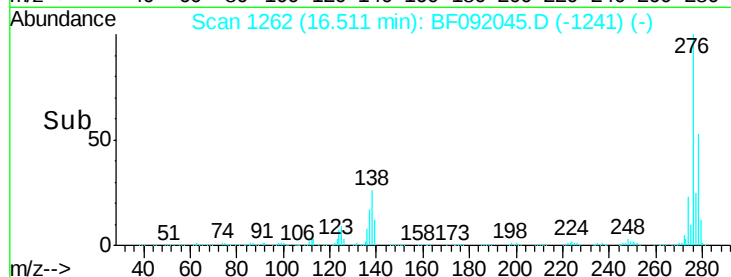
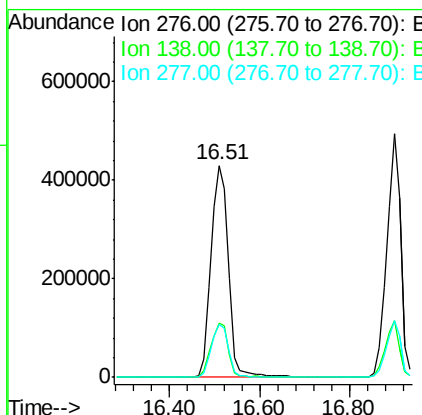
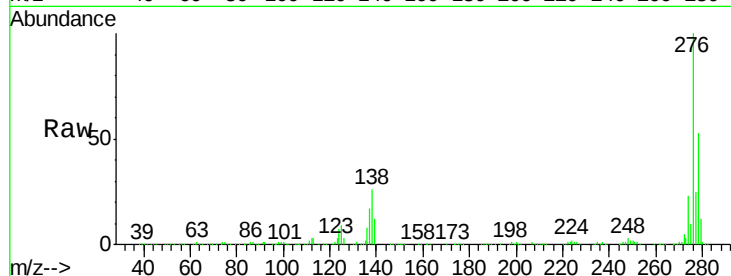
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.01 ng
RT: 16.51 min Scan# 1262
Delta R.T. -0.06 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.8	32.6
277	24.9	20.2	30.4

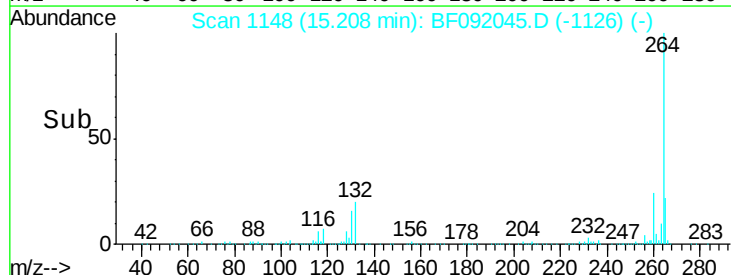
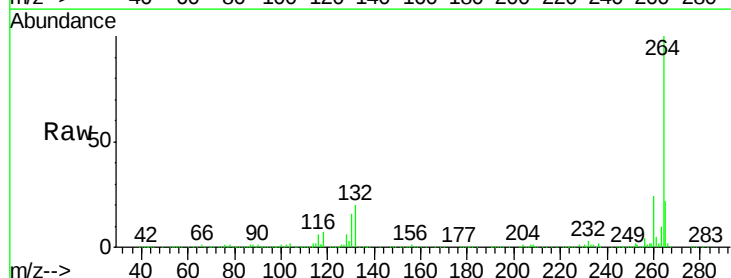
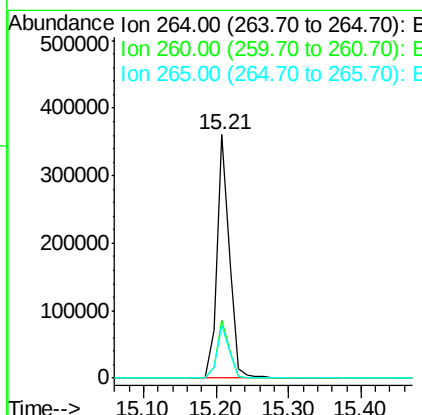
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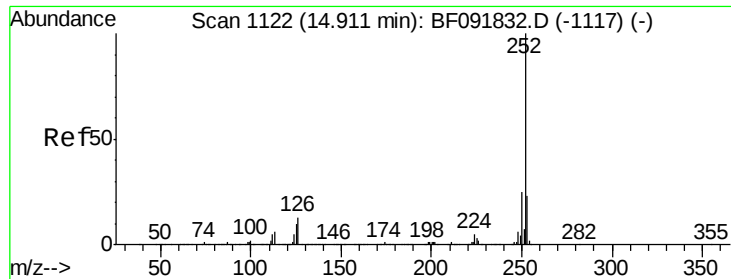
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.05 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	17.4	26.0





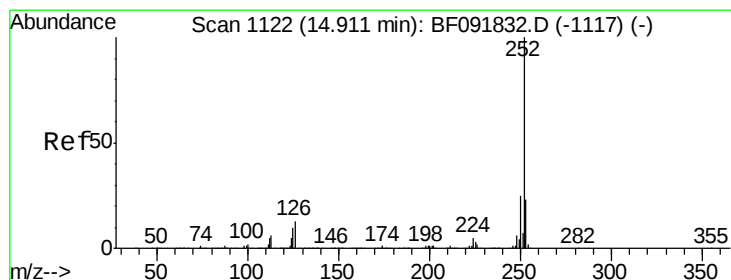
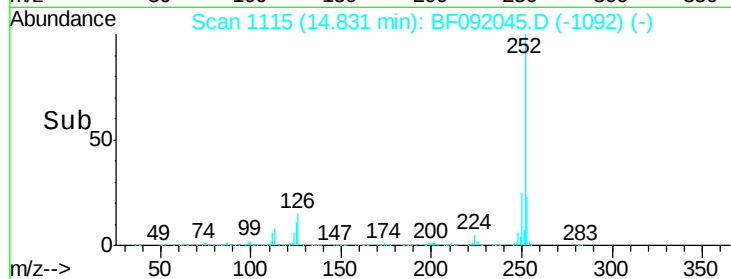
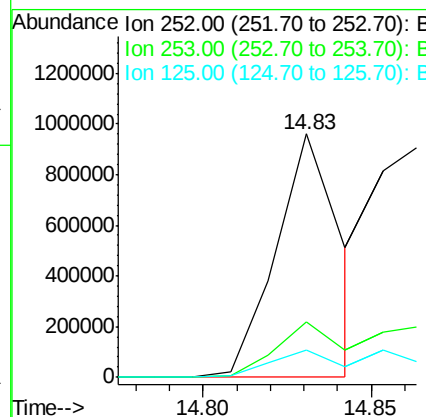
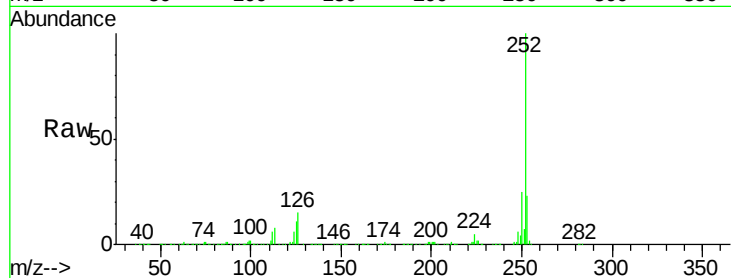
#87
Benzo(b)fluoranthene
Concen: 48.57 ng m
RT: 14.83 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	11.3	9.8	14.6

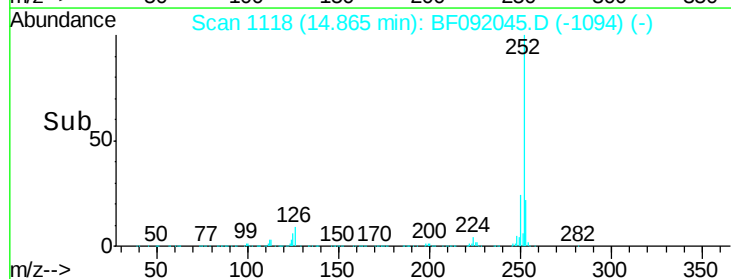
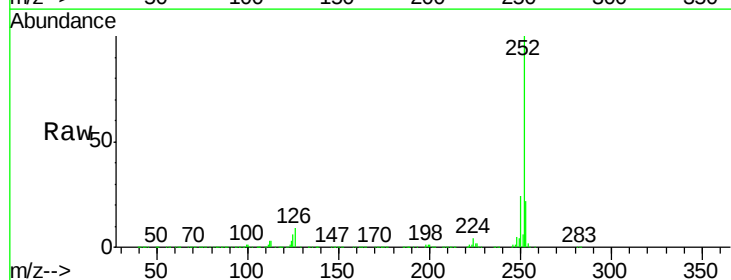
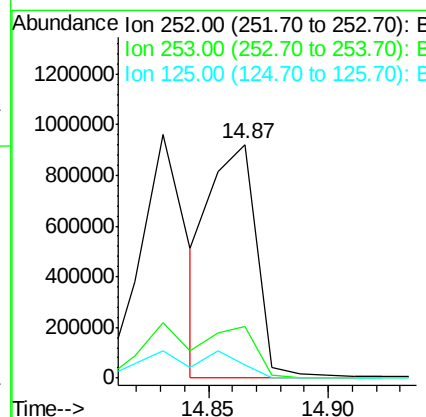
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#88
Benzo(k)fluoranthene
Concen: 55.03 ng m
RT: 14.87 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	5.8	8.9	13.3#





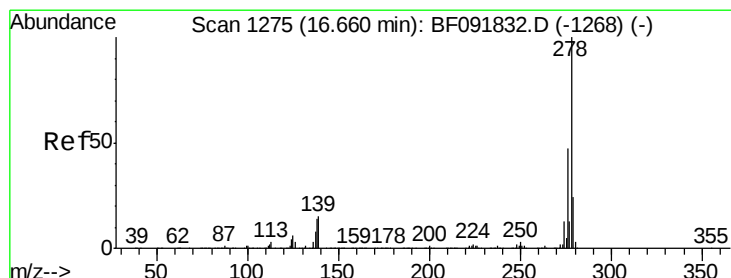
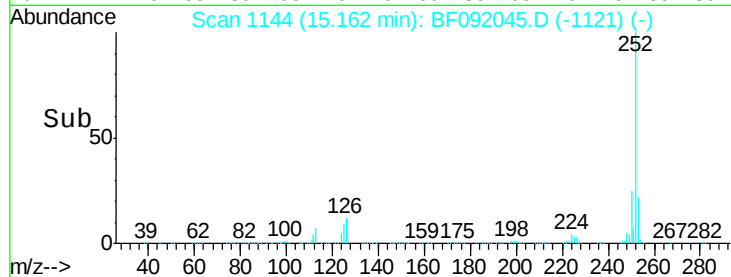
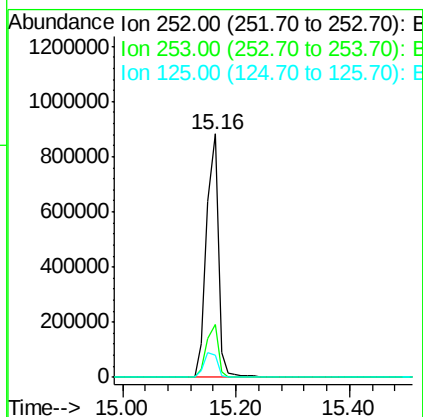
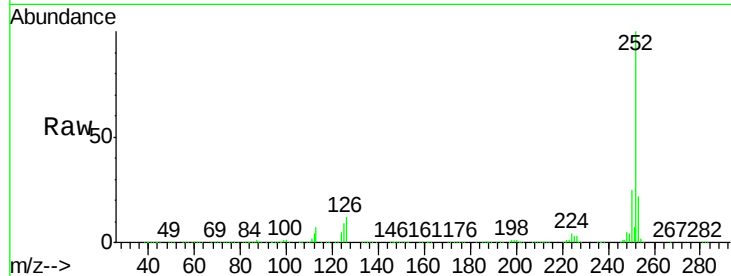
#89
Benzo(a)pyrene
Concen: 51.93 ng
RT: 15.16 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	8.9	10.0	15.0

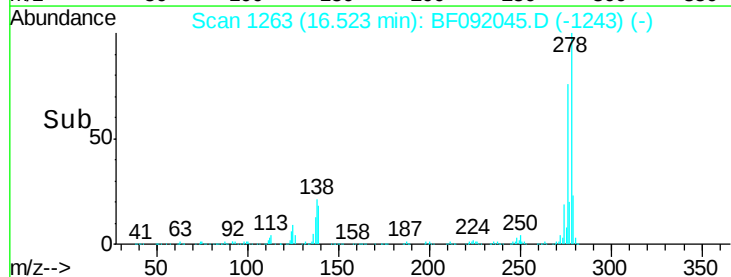
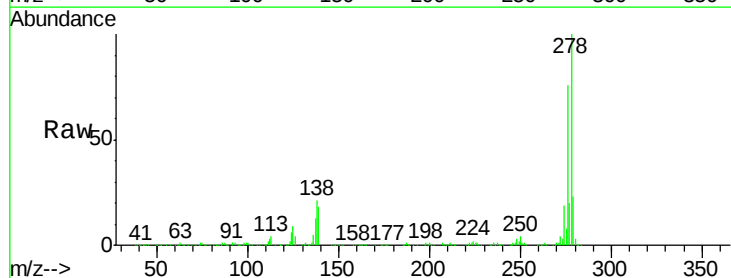
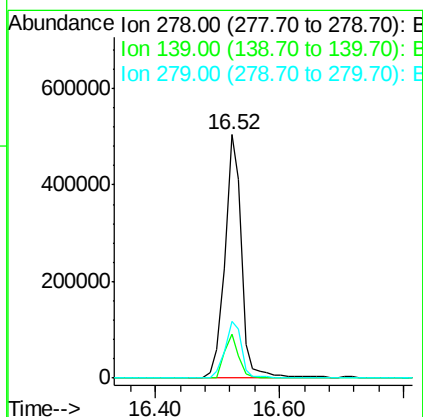
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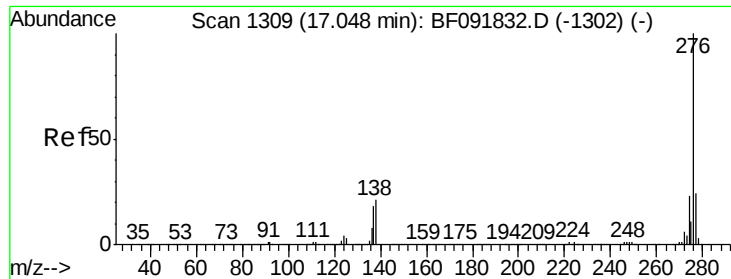
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#90
Dibenzo(a,h)anthracene
Concen: 48.54 ng
RT: 16.52 min Scan# 1263
Delta R.T. -0.07 min
Lab File: BF092045.D
Acq: 30 Dec 2016 14:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.8	22.2
279	23.4	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 53.67 ng
 RT: 16.90 min Scan# 1296
 Delta R.T. -0.07 min
 Lab File: BF092045.D
 Acq: 30 Dec 2016 14:29

Instrument :
 BNA_F
 ClientSampleId :
 W-4(55-57)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	23.1	16.0	24.0

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