

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
 Data File : BF092125.D
 Acq On : 6 Jan 2017 19:03
 Operator : UM/SJ
 Sample : I1025-03MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MS

Manual Integrations
 APPROVED

Sohil
 1/9/2017 10:48:05 AM

Quant Time: Jan 06 23:17:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

1/9/2017 10:48:05 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	171557	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	847649	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	318786	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	429746	20.00	ng	0.00
75) Chrysene-d12	13.79	240	335548	20.00	ng	0.00
86) Perylene-d12	15.16	264	359797	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1982939	193.00	ng	0.03
7) Phenol-d6	6.33	99	2095713	167.07	ng	0.02
23) Nitrobenzene-d5	7.22	82	1217316	79.86	ng	0.01
41) 2,4,6-Tribromophenol	10.47	330	275298	104.35	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1482863	97.15	ng	0.00
78) Terphenyl-d14	12.75	244	1069582	77.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	257977	51.00	ng	96
3) Pyridine	2.79	79	824876	46.72	ng	98
4) n-Nitrosodimethylamine	2.76	42	349031	52.41	ng	99
6) Aniline	6.31	93	369395	22.67	ng	# 43
8) 2-Chlorophenol	6.45	128	642313	54.96	ng	89
9) Benzaldehyde	6.18	77	55712	5.80	ng	97
10) Phenol	6.34	94	1019970	71.35	ng	# 67
11) bis(2-Chloroethyl)ether	6.39	93	696676	61.25	ng	98
12) 1,3-Dichlorobenzene	6.58	146	630381m	50.53	ng	
13) 1,4-Dichlorobenzene	6.66	146	608504	47.92	ng	94
14) 1,2-Dichlorobenzene	6.81	146	592677	53.79	ng	97
15) Benzyl Alcohol	6.81	79	548846	56.31	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.94	45	893304	52.74	ng	64
17) 2-Methylphenol	6.95	107	443092	47.14	ng	98
18) Hexachloroethane	7.16	117	254299	54.01	ng	97
19) n-Nitroso-di-n-propylamine	7.08	70	497293	59.59	ng	99
20) 3+4-Methylphenols	7.10	107	719781	64.20	ng	# 69
22) Acetophenone	7.06	105	1036044	49.55	ng	# 92
24) Nitrobenzene	7.24	77	564240	34.75	ng	99
25) Isophorone	7.49	82	1275454	45.35	ng	95
26) 2-Nitrophenol	7.56	139	385433	48.14	ng	91
27) 2,4-Dimethylphenol	7.62	122	540027	40.67	ng	91
28) bis(2-Chloroethoxy)methane	7.69	93	718664	42.14	ng	99
29) 2,4-Dichlorophenol	7.82	162	362657	32.25	ng	94
30) 1,2,4-Trichlorobenzene	7.88	180	536109	43.51	ng	95
31) Naphthalene	7.96	128	1848060	47.64	ng	100
33) 4-Chloroaniline	8.02	127	147115	8.41	ng	# 93
34) Hexachlorobutadiene	8.07	225	259737	39.93	ng	100
35) Caprolactam	8.38	113	130041	35.19	ng	# 64
36) 4-Chloro-3-methylphenol	8.53	107	386749	29.89	ng	100
37) 2-Methylnaphthalene	8.64	142	898971	35.50	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	434625	53.96	ng	98
40) Hexachlorocyclopentadiene	8.80	237	223435	63.17	ng	99
42) 2,4,6-Trichlorophenol	8.94	196	246837	43.82	ng	99

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Manual Integrations
 APPROVED

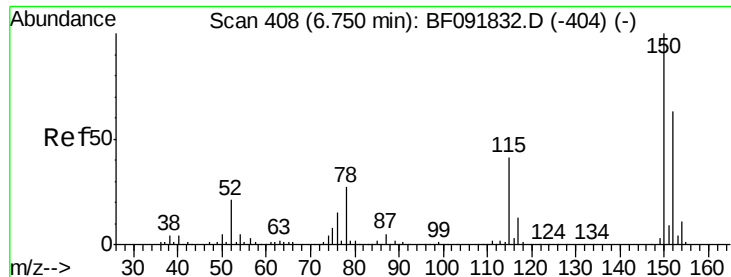
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	231098	39.87	nq	# 86
45) 1,1'-Biphenyl	9.11	154	1158892	53.09	nq	99
46) 2-Chloronaphthalene	9.13	162	882765	51.07	nq	98
47) 2-Nitroaniline	9.24	65	236284	38.39	nq	99
48) Acenaphthylene	9.54	152	1284344	48.31	nq	98
49) Dimethylphthalate	9.42	163	1096744	53.79	nq	98
50) 2,6-Dinitrotoluene	9.48	165	184474	41.34	nq	# 66
51) Acenaphthene	9.72	154	823910	45.71	nq	99
52) 3-Nitroaniline	9.65	138	148886	26.96	nq	93
53) 2,4-Dinitrophenol	9.76	184	16519	6.65	nq	# 73
54) Dibenzofuran	9.89	168	1087000	44.66	nq	97
55) 4-Nitrophenol	9.85	139	255999m	68.27	nq	
56) 2,4-Dinitrotoluene	9.88	165	226805	40.49	nq	# 74
57) Fluorene	10.23	166	826419	46.67	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	176118	38.41	nq	99
59) Diethylphthalate	10.12	149	895847	45.24	nq	98
60) 4-Chlorophenyl-phenylether	10.22	204	331203	42.71	nq	98
61) 4-Nitroaniline	10.26	138	175621	30.69	nq	83
62) Azobenzene	10.38	77	972672	44.62	nq	98
64) 4,6-Dinitro-2-methylphenol	10.29	198	62744	24.14	nq	# 60
65) n-Nitrosodiphenylamine	10.34	169	675124	52.94	nq	99
66) 4-Bromophenyl-phenylether	10.71	248	233445	52.22	nq	# 90
67) Hexachlorobenzene	10.77	284	232025	48.56	nq	# 72
68) Atrazine	10.88	200	215136	52.30	nq	94
69) Pentachlorophenol	10.97	266	178399	76.09	nq	98
70) Phenanthrene	11.18	178	1028033	44.12	nq	99
71) Anthracene	11.24	178	1127348	63.26	nq	97
72) Carbazole	11.40	167	964136	57.09	nq	98
73) Di-n-butylphthalate	11.73	149	1180487	54.31	nq	99
74) Fluoranthene	12.37	202	1084575	53.80	nq	91
76) Benzidine	12.49	184	391775	46.14	nq	96
77) Pyrene	12.59	202	1070134	43.47	nq	99
79) Butylbenzylphthalate	13.23	149	526877	47.06	nq	# 81
80) Benzo(a)anthracene	13.77	228	963485	50.87	nq	100
81) 3,3'-Dichlorobenzidine	13.75	252	246587	34.33	nq	# 95
82) Chrysene	13.81	228	877596	46.19	nq	98
83) Bis(2-ethylhexyl)phthalate	13.79	149	674250	51.13	nq	# 98
84) Di-n-octyl phthalate	14.39	149	1253601	51.32	nq	99
85) Indeno(1,2,3-cd)pyrene	16.43	276	874261	53.12	nq	100
87) Benzo(b)fluoranthene	14.78	252	958484m	42.79	nq	
88) Benzo(k)fluoranthene	14.80	252	925908m	48.47	nq	
89) Benzo(a)pyrene	15.10	252	892924	44.91	nq	99
90) Dibenzo(a,h)anthracene	16.44	278	710250	43.46	nq	100
91) Benzo(q,h,i)perylene	16.80	276	730332	42.98	nq	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Instrument :

BNA_F

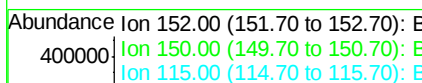
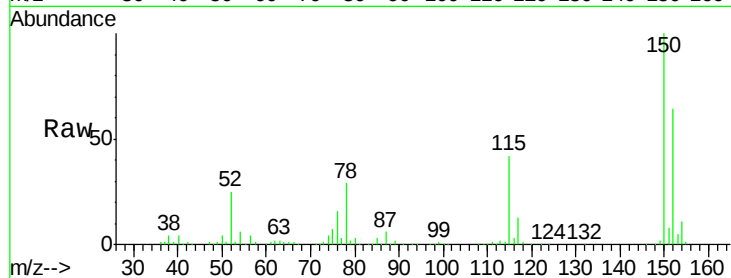
ClientSampleId :

TP7-8-COMP10MS

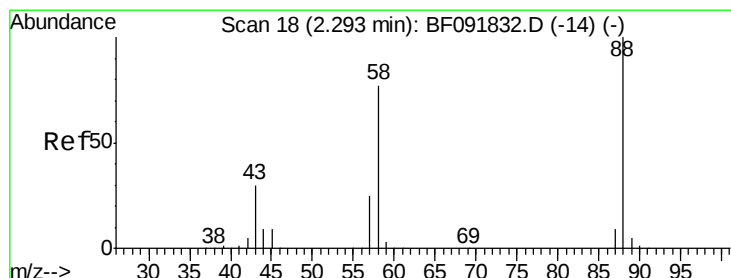
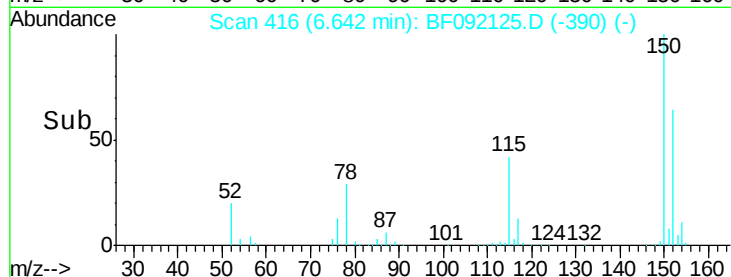
Tot Ion:	152	Resp:	171557
Ion Ratio	Lower	Upper	
152	100		
150	155.6	124.9	187.3
115	65.6	46.0	69.0

Manual Integrations
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#2

1,4-Dioxane

Concen: 51.00 ng

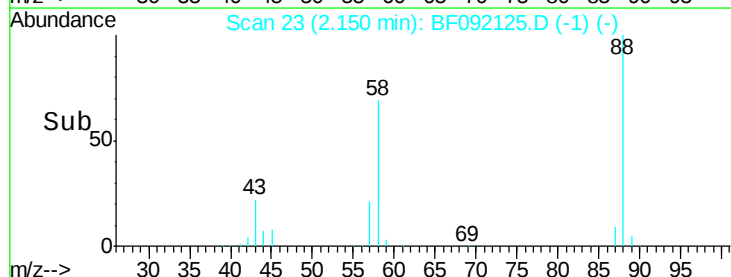
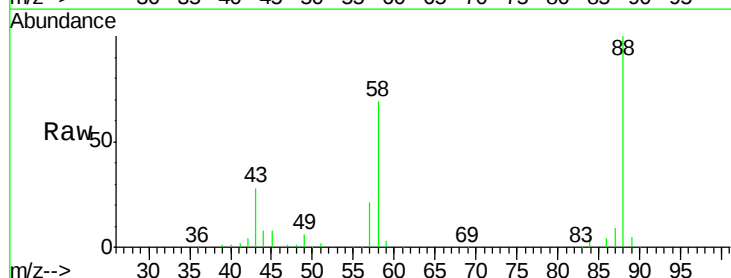
RT: 2.15 min Scan# 23

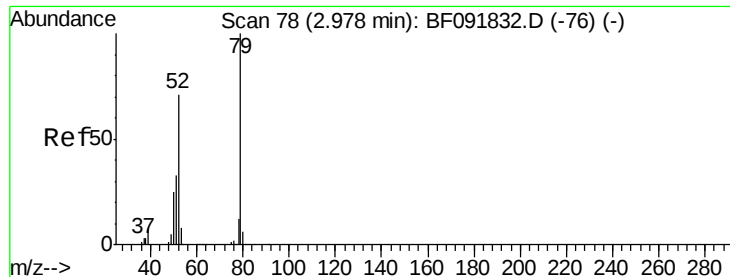
Delta R.T. 0.07 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Tgt Ion:	88	Resp:	257977
Ion Ratio	Lower	Upper	
88	100		
58	74.5	57.8	86.8
43	31.7	22.3	33.5





#3

Pvridine

Concen: 46.72 ng

RT: 2.79 min Scan# 79

Delta R.T. 0.06 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Instrument :

BNA_F

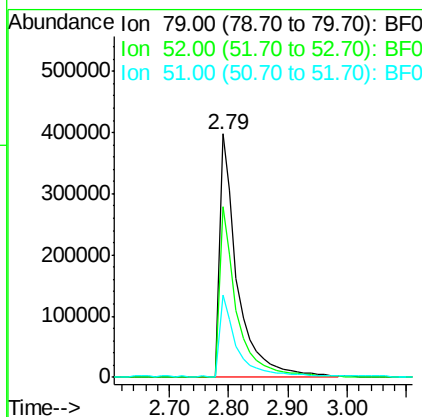
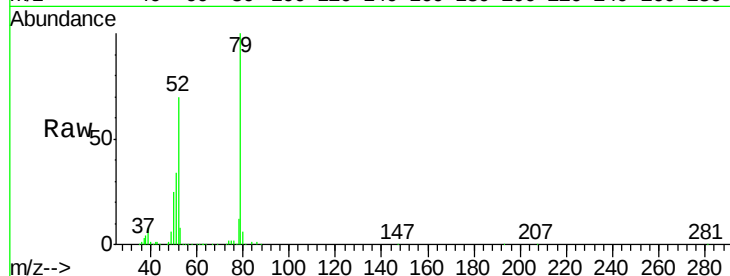
ClientSampleId :

TP7-8-COMP10MS

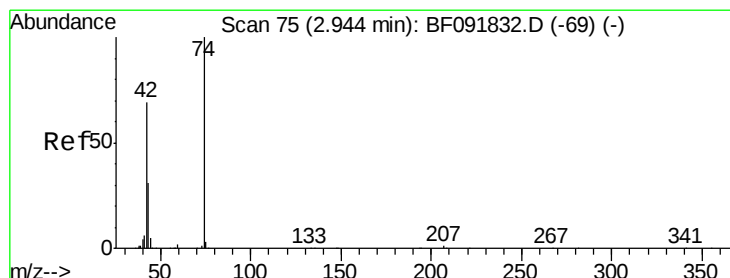
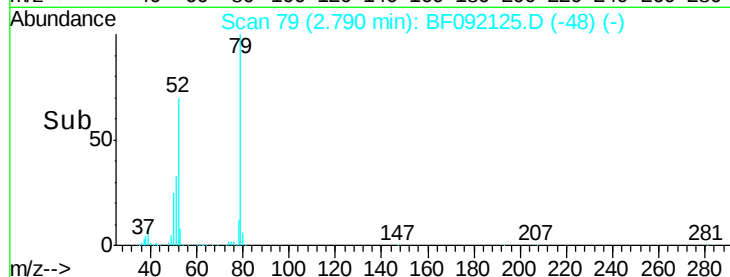
Tot Ion:	79	Resp:	824876
Ion Ratio	Lower	Upper	
79	100		
52	69.9	57.1	85.7
51	33.6	27.3	40.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 52.41 ng

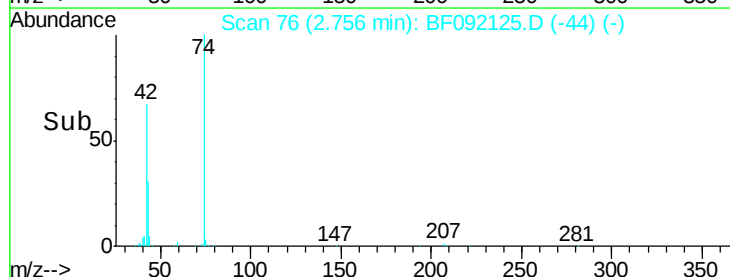
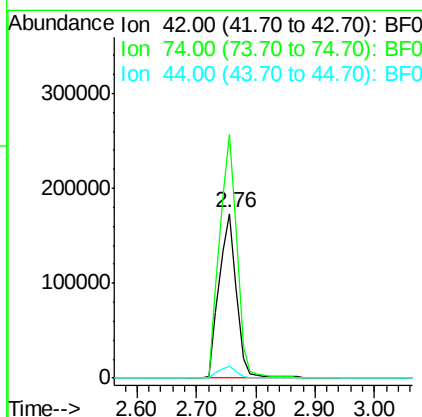
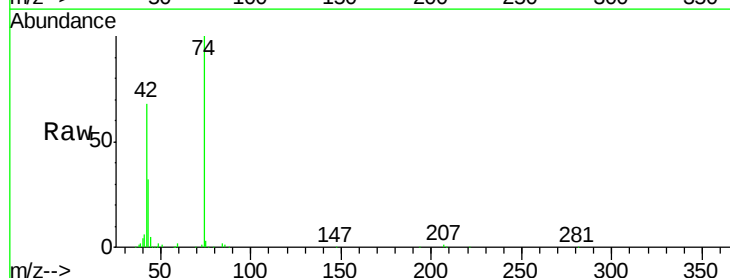
RT: 2.76 min Scan# 76

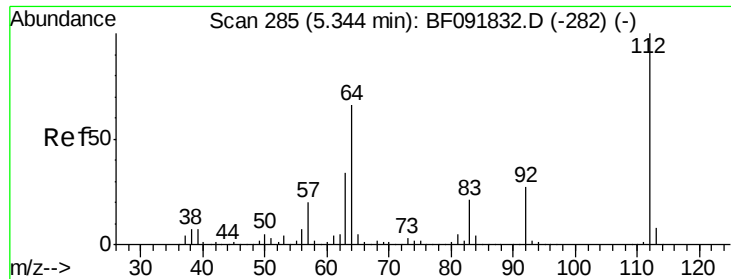
Delta R.T. 0.07 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Tgt Ion:	42	Resp:	349031
Ion Ratio	Lower	Upper	
42	100		
74	148.0	117.0	175.4
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 193.00 ng

RT: 5.27 min Scan# 296

Delta R.T. 0.03 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MS

Tot Ion: 112 Resp: 1982939

Ion Ratio Lower Upper

112 100

64 54.2 46.1 69.1

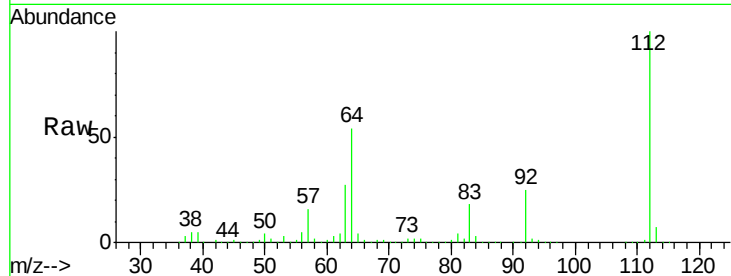
63 27.1 23.8 35.6

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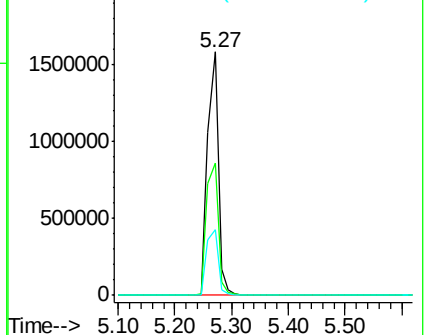
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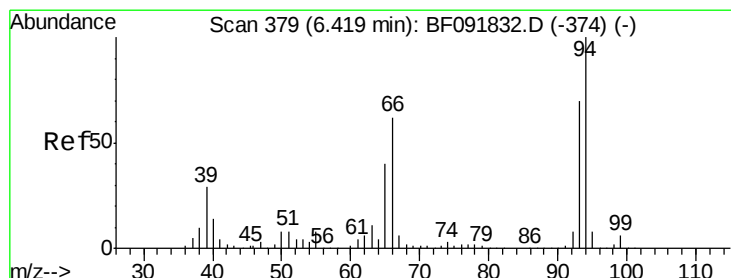
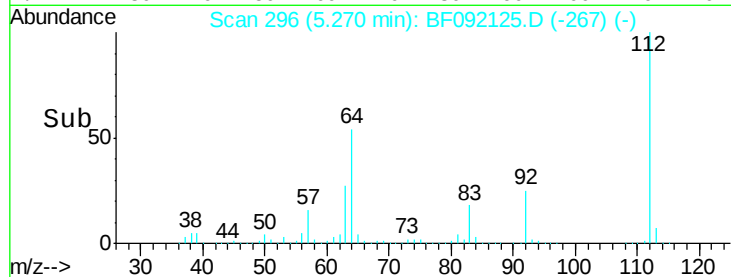
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



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#6

Aniline

Concen: 22.67 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

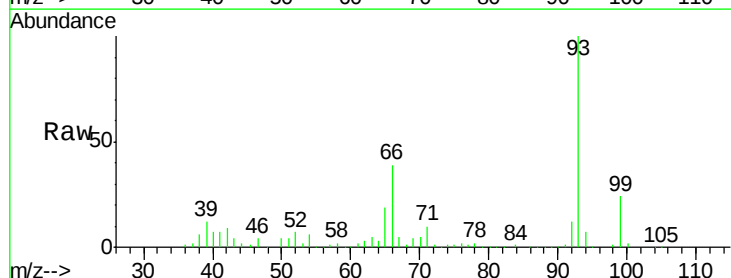
Tgt Ion: 93 Resp: 369395

Ion Ratio Lower Upper

93 100

66 38.6 76.2 114.2#

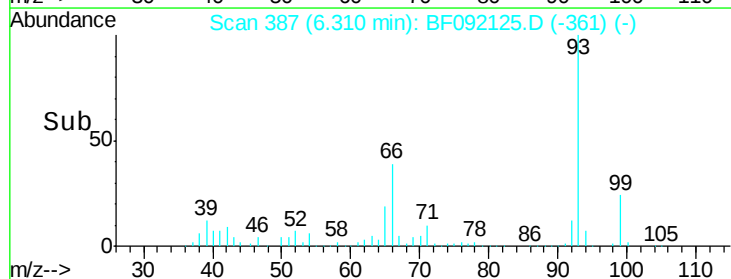
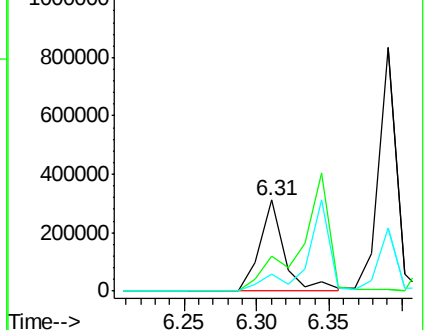
65 19.2 49.3 73.9#

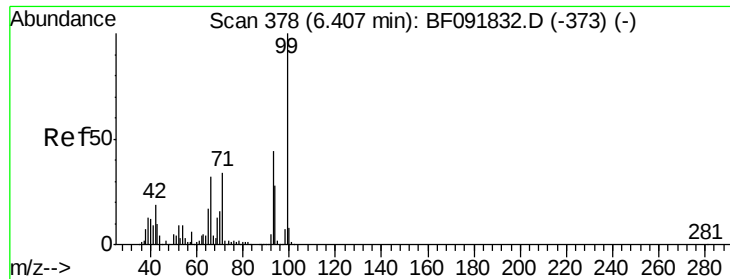


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 167.07 ng

RT: 6.33 min Scan# 389

Delta R.T. 0.02 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MS

Tot Ion: 99 Resp: 2095713

Ion Ratio Lower Upper

99 100

42 17.3 15.6 23.4

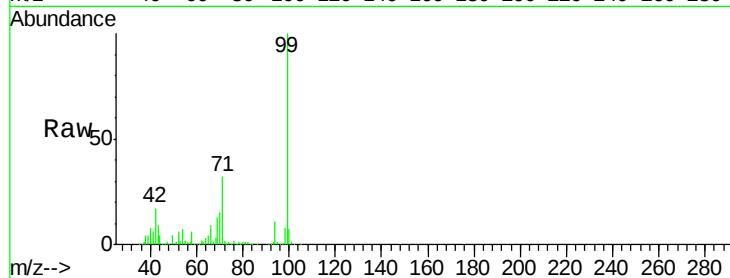
71 32.0 27.5 41.3

Manual Integrations

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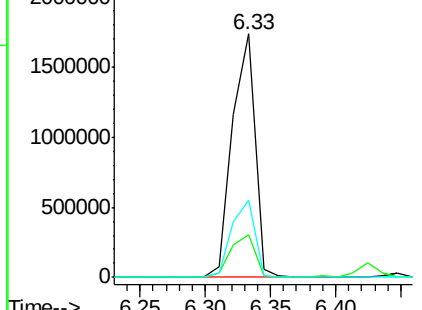
1/9/2017 10:48:05 AM



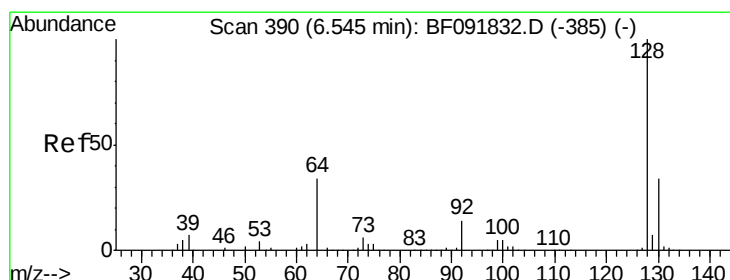
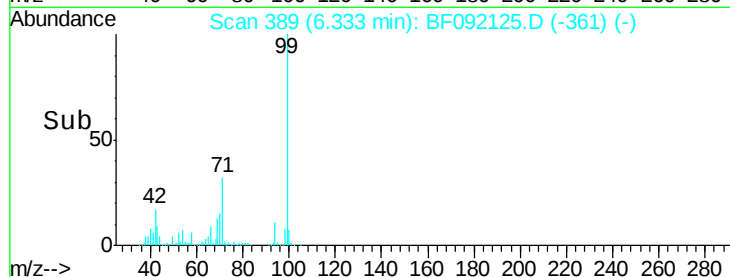
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



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#8

2-Chlorophenol

Concen: 54.96 ng

RT: 6.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

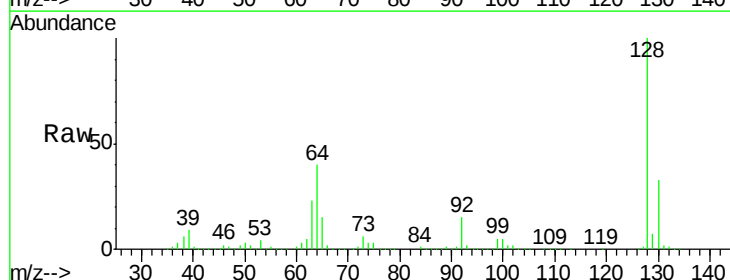
Tgt Ion:128 Resp: 642313

Ion Ratio Lower Upper

128 100

130 33.5 12.3 52.3

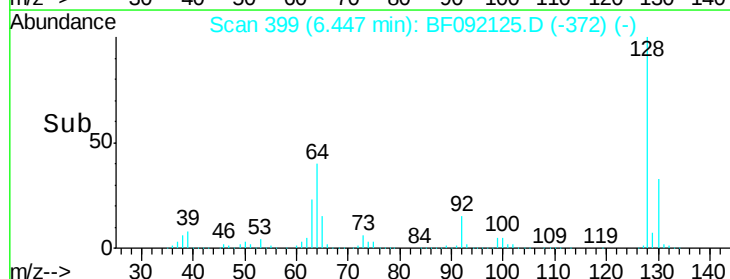
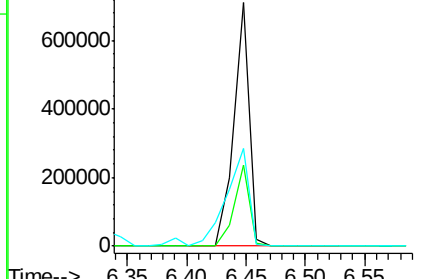
64 40.1 32.2 72.2

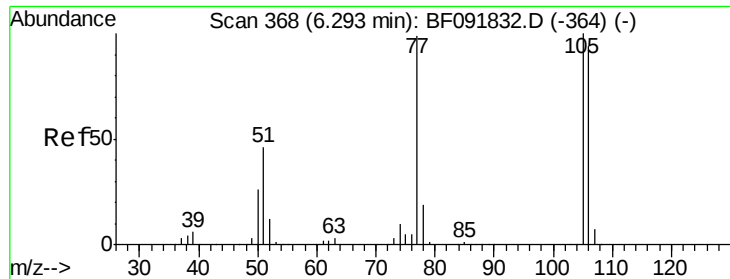


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.80 ng

RT: 6.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Instrument :

BNA_F

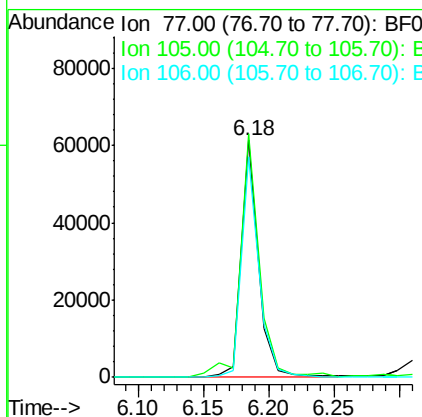
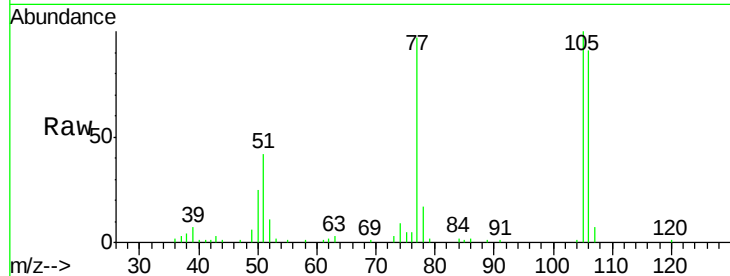
ClientSampleId :

TP7-8-COMP10MS

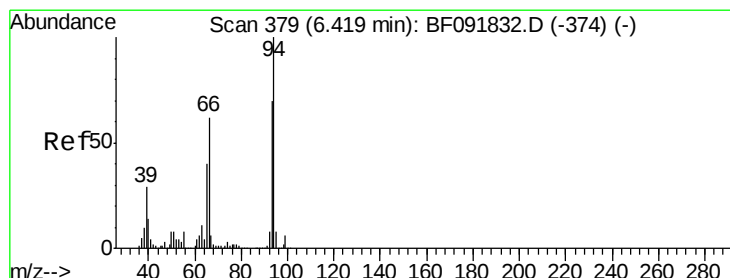
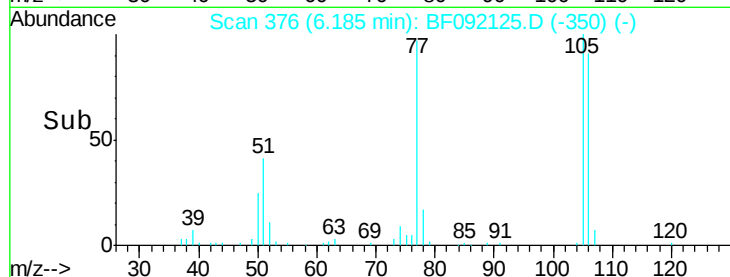
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	102.8	83.9	123.9	
106	93.3	77.6	117.6	

Manual Integrations
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#10

Phenol

Concen: 71.35 ng

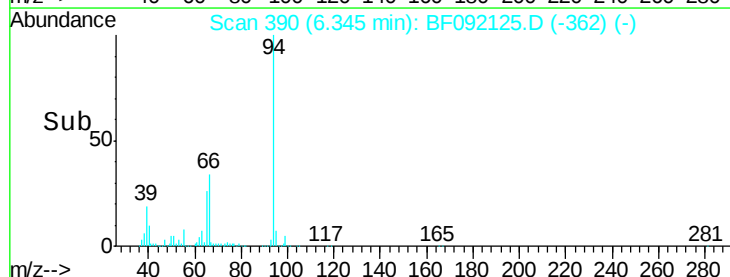
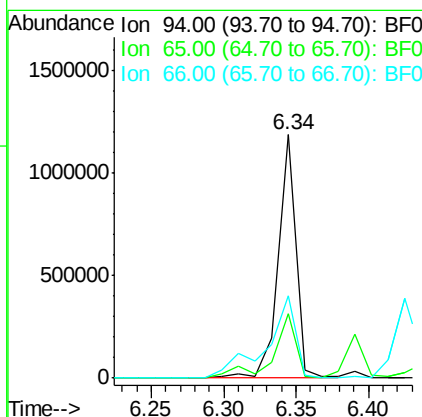
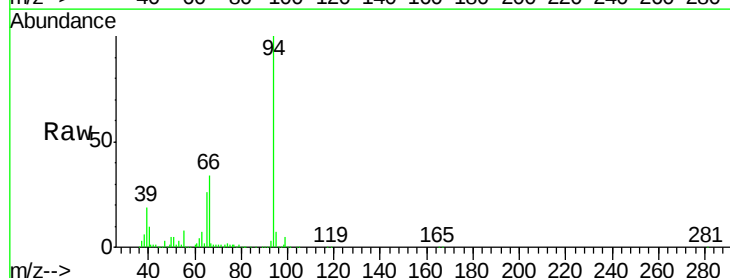
RT: 6.34 min Scan# 390

Delta R.T. 0.02 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	26.5	21.4	61.4	
66	34.0	44.0	84.0	





#11

bis(2-Chloroethyl)ether

Concen: 61.25 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Instrument :

BNA_F

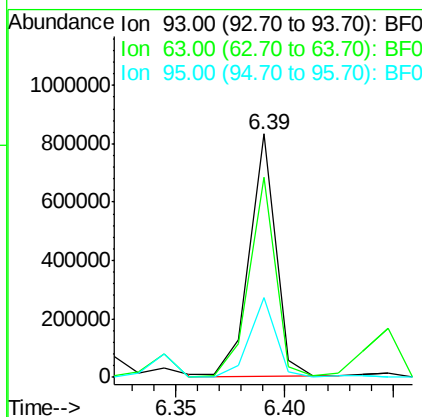
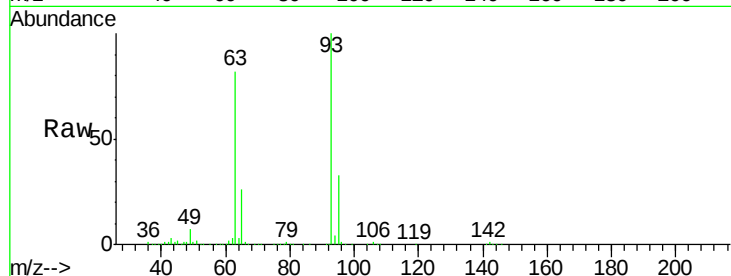
ClientSampleId :

TP7-8-COMP10MS

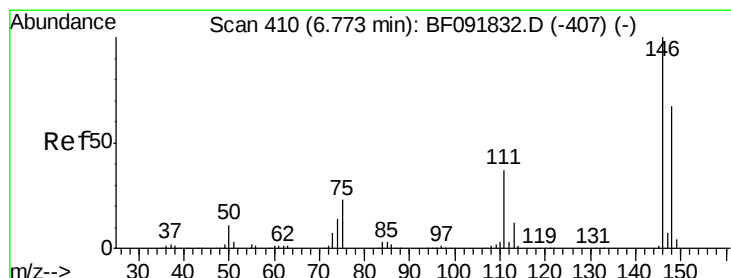
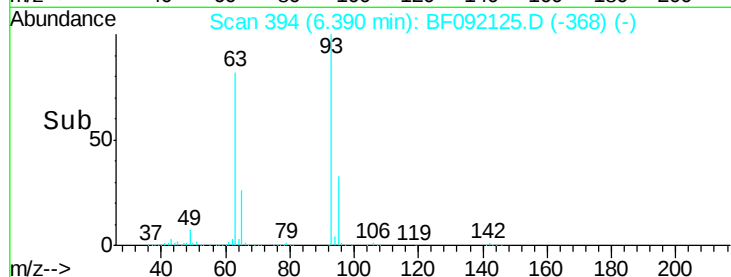
Tot Ion:	93	Resp:	696676
Ion Ratio	Lower	Upper	
93	100		
63	82.3	60.4	100.4
95	33.0	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 50.53 ng m

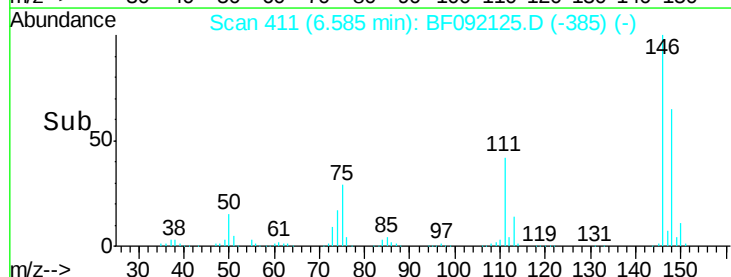
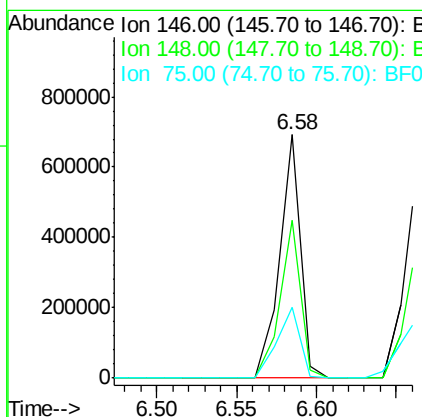
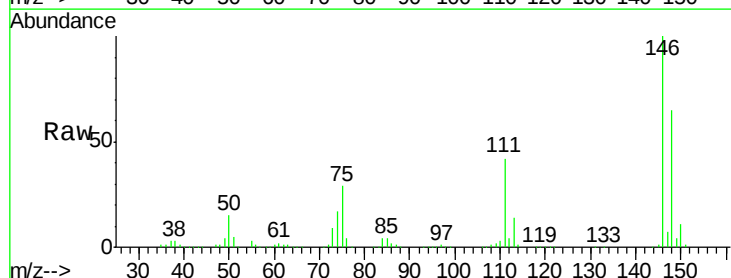
RT: 6.58 min Scan# 411

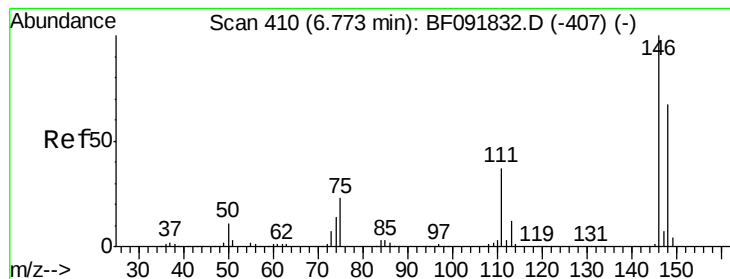
Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Tgt Ion:	146	Resp:	630381
Ion Ratio	Lower	Upper	
146	100		
148	64.8	53.4	80.0
75	29.3	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 47.92 ng

RT: 6.66 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Instrument :

BNA_F

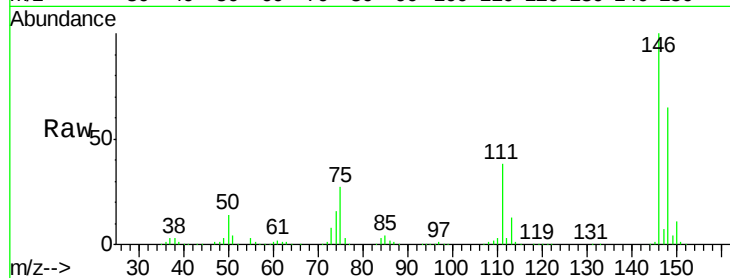
ClientSampleId :

TP7-8-COMP10MS

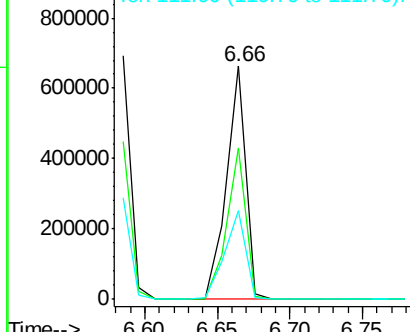
Tot Ion:	146	Resp:	608504
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.6	76.0
111	38.3	36.2	54.4

Manual Integrations
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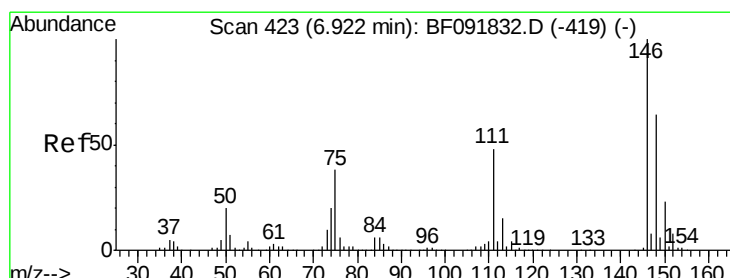
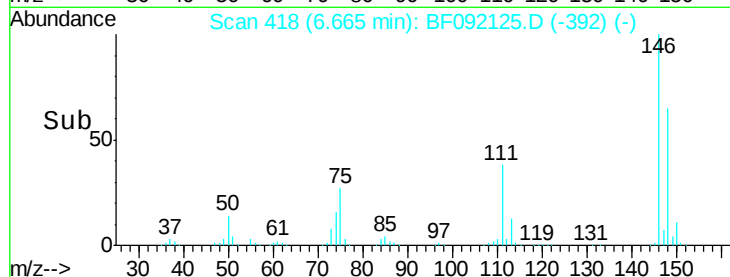
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



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#14

1,2-Dichlorobenzene

Concen: 53.79 ng

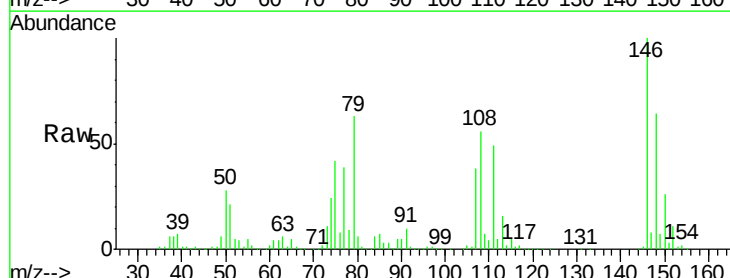
RT: 6.81 min Scan# 431

Delta R.T. 0.00 min

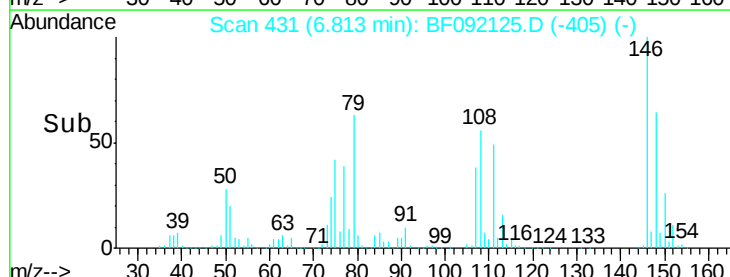
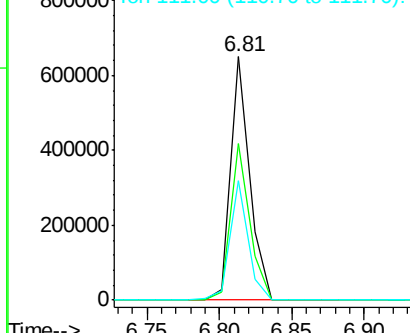
Lab File: BF092125.D

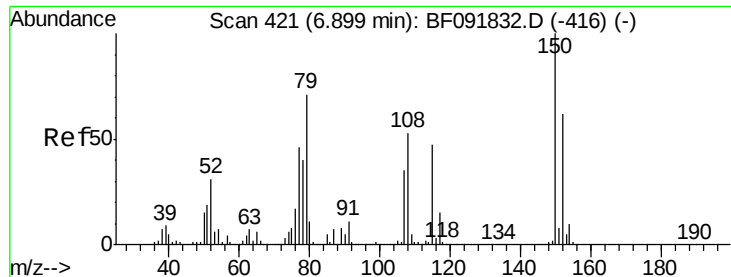
Acq: 6 Jan 2017 19:03

Tgt Ion:	146	Resp:	592677
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.2	78.2
111	48.9	36.2	54.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 56.31 ng

RT: 6.81 min Scan# 431

Delta R.T. 0.01 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Instrument :

BNA_F

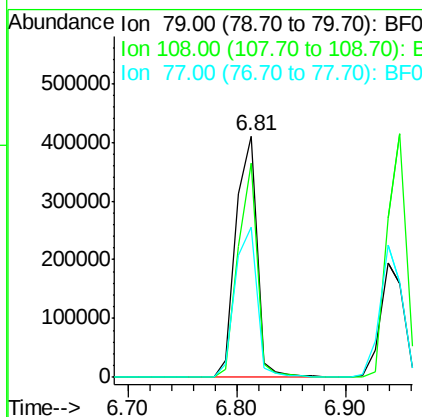
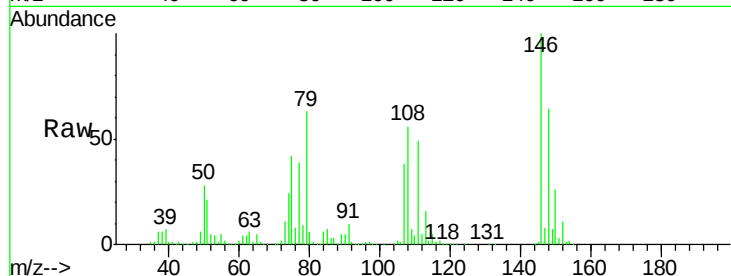
ClientSampleId :

TP7-8-COMP10MS

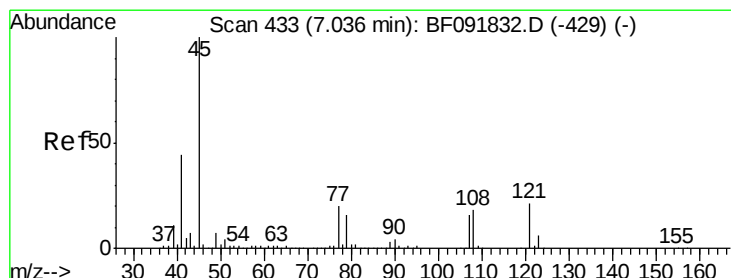
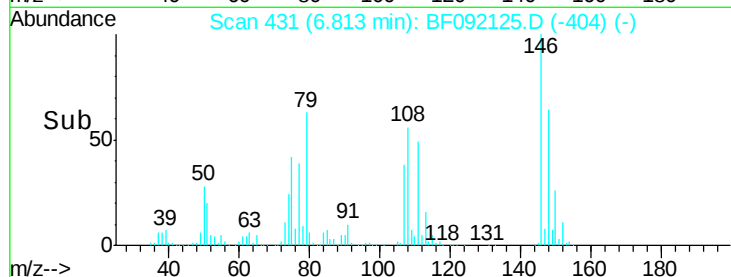
Tot Ion:	79	Resp:	548846
Ion Ratio	Lower	Upper	
79	100		
108	88.8	61.4	92.0
77	62.0	50.9	76.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.74 ng

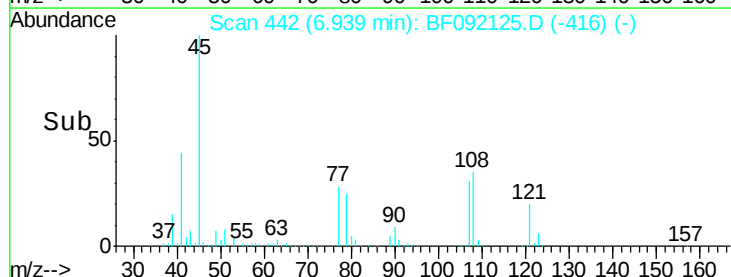
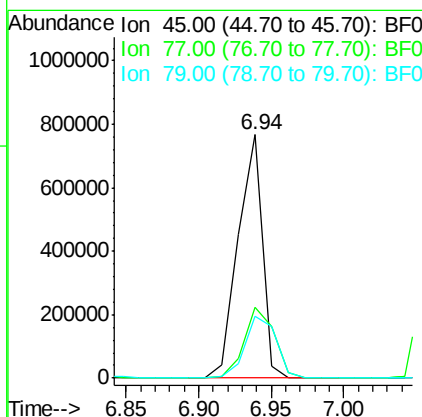
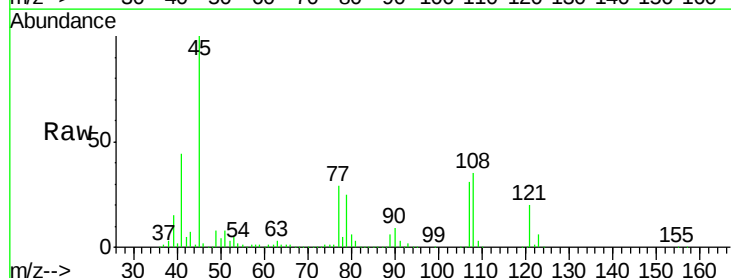
RT: 6.94 min Scan# 442

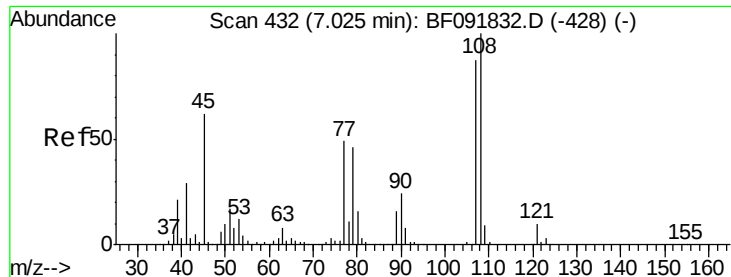
Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Tgt Ion:	45	Resp:	893304
Ion Ratio	Lower	Upper	
45	100		
77	29.2	0.0	34.6
79	25.5	0.0	31.2





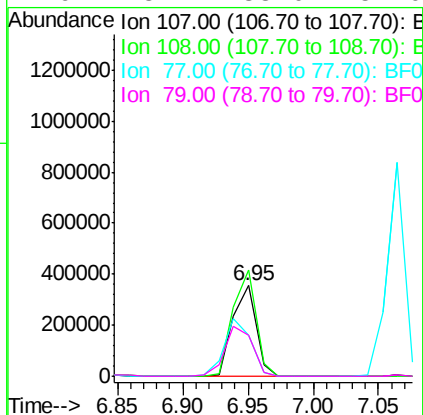
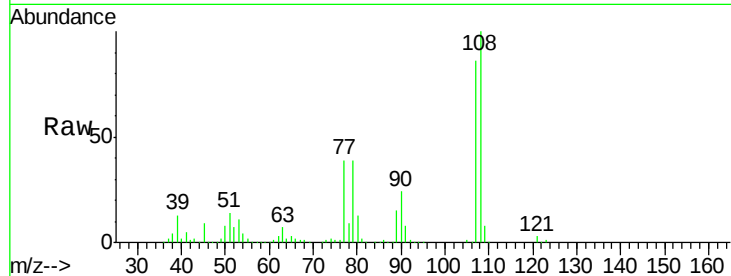
#17
2-Methylphenol
Concen: 47.14 ng
RT: 6.95 min Scan# 443
Delta R.T. 0.02 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MS

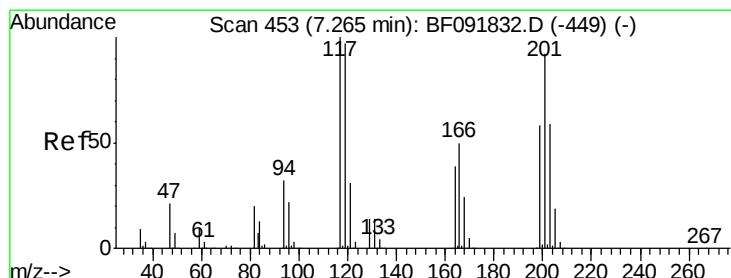
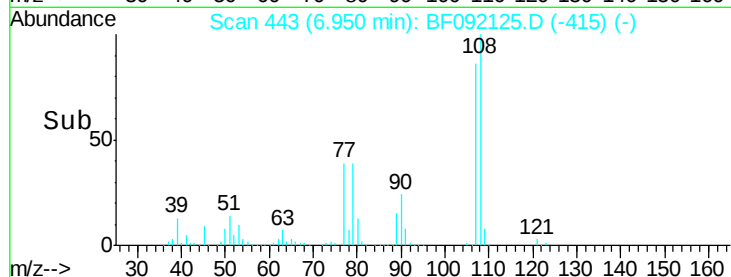
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	443092		
108	108.00	116.3		93.0	139.6
77	77.00	45.5		39.8	59.8
79	79.00	45.1		38.0	57.0

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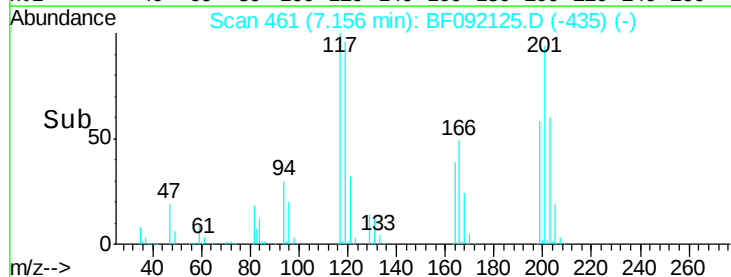
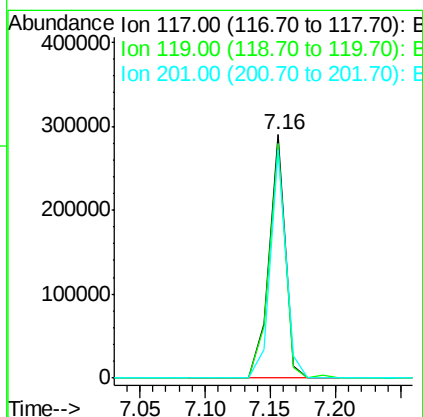
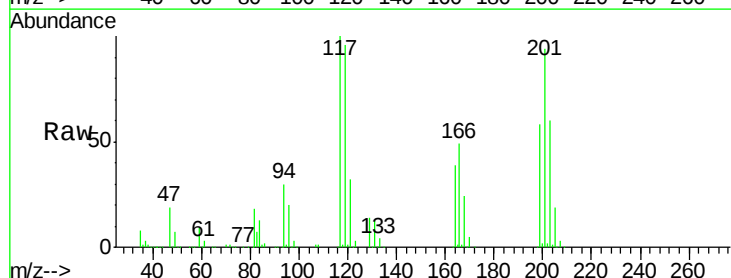


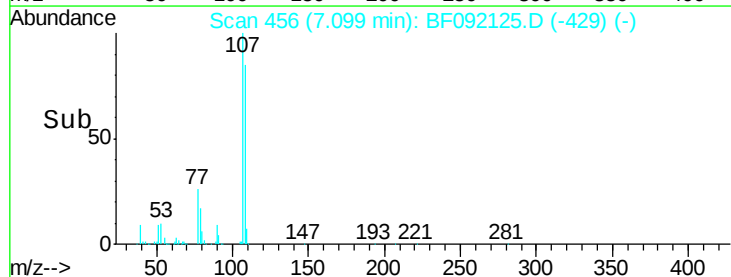
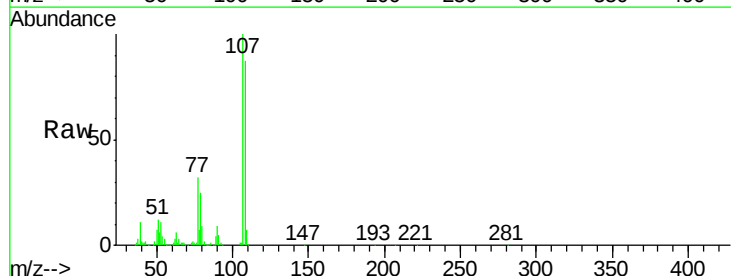
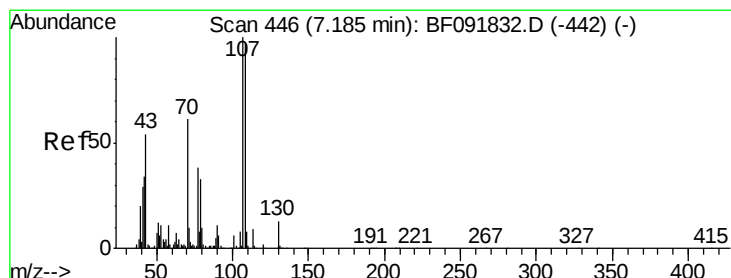
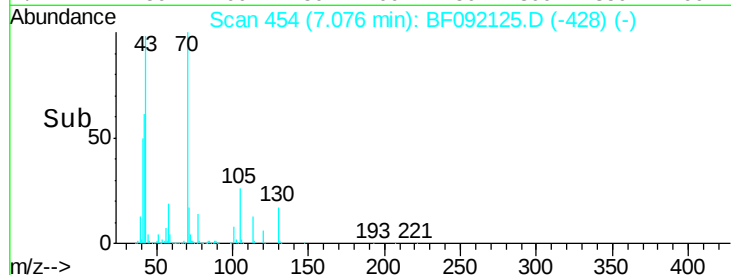
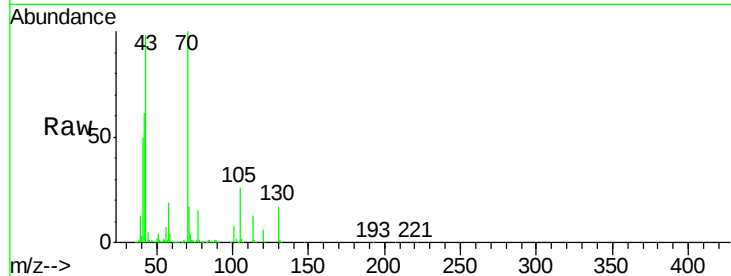
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#18
Hexachloroethane
Concen: 54.01 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

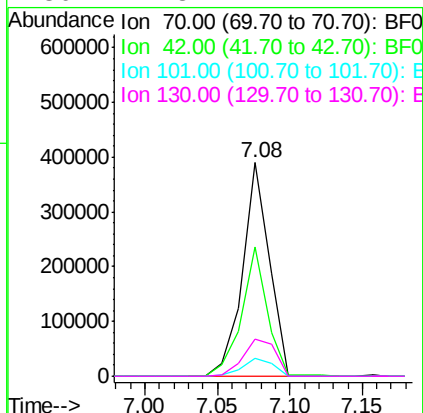
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	254299		
119	119.00	96.2		78.1	117.1
201	201.00	93.7		78.6	117.8





#19
n-Nitroso-di-n-propylamine
Concen: 59.59 ng
RT: 7.08 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.6	49.4	74.0
101	8.5	7.4	11.2
130	17.3	14.2	21.4



Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MS

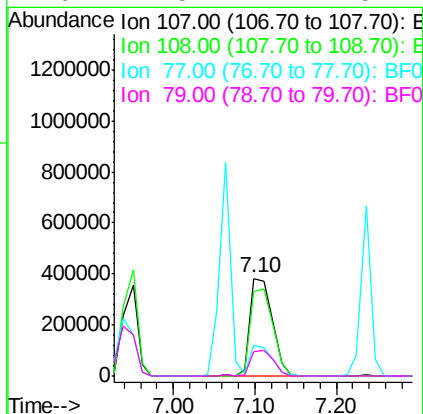
Manual Integrations
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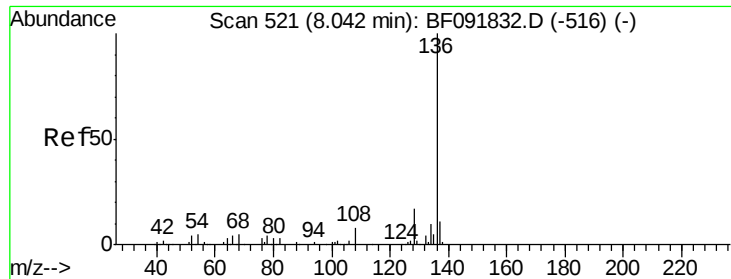
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#20
3+4-Methylphenols
Concen: 64.20 ng
RT: 7.10 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	73.0	113.0
77	31.6	71.3	111.3#
79	24.5	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Instrument :

BNA_F

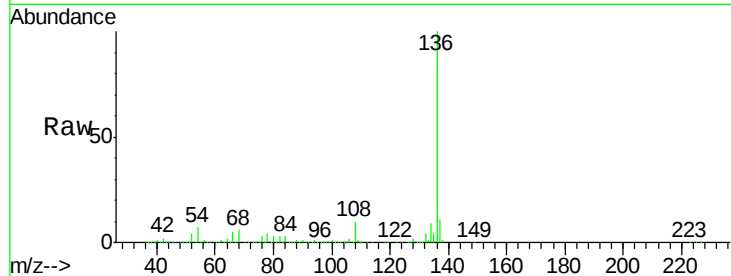
ClientSampleId :

TP7-8-COMP10MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	7.4	4.5	6.7#
68	6.0	3.6	5.4#

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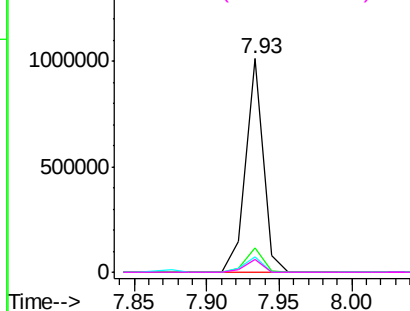
Abundance

Ion 136.00 (135.70 to 136.70): E

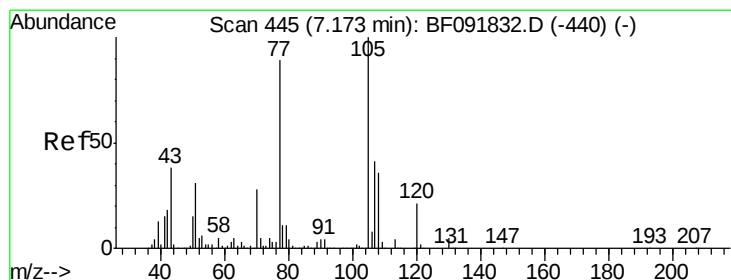
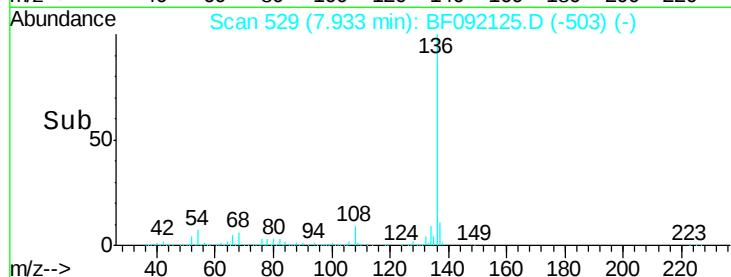
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



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#22

Acetophenone

Concen: 49.55 ng

RT: 7.06 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.9	3.2	4.8#
51	25.6	26.2	39.4#
120	20.9	16.6	24.8

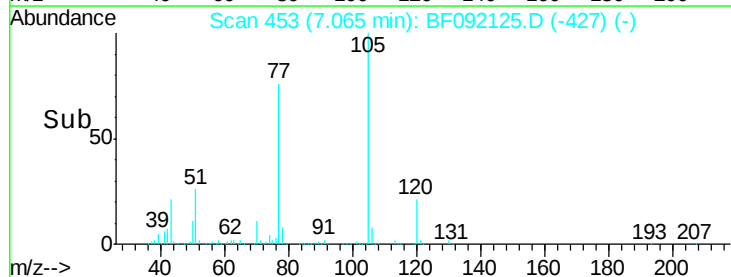
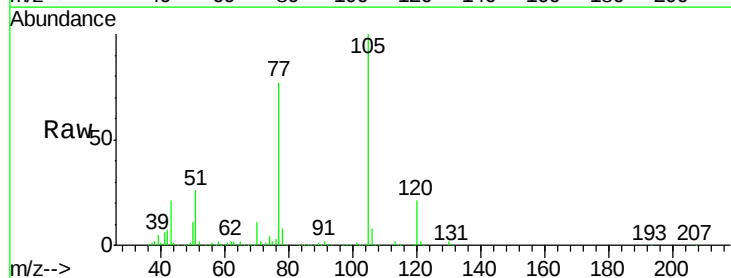
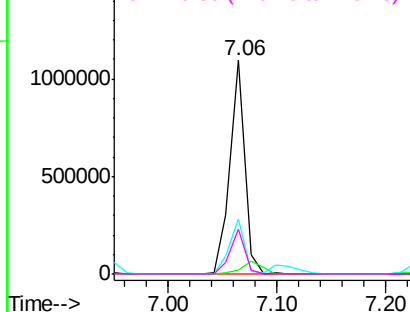
Abundance

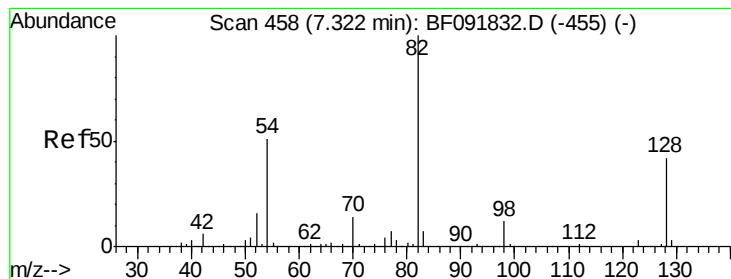
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 79.86 ng

RT: 7.22 min Scan# 467

Delta R.T. 0.01 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MS

Tot Ion: 82 Resp: 1217316

Ion Ratio Lower Upper

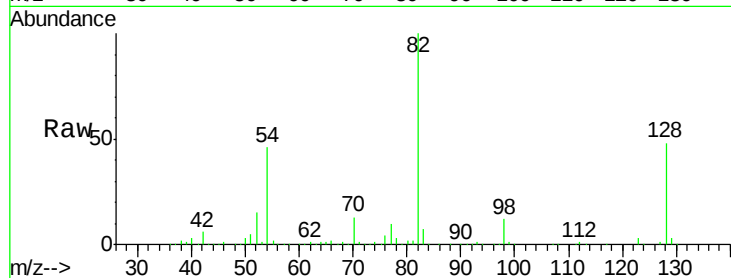
82 100

128 48.2 34.6 52.0

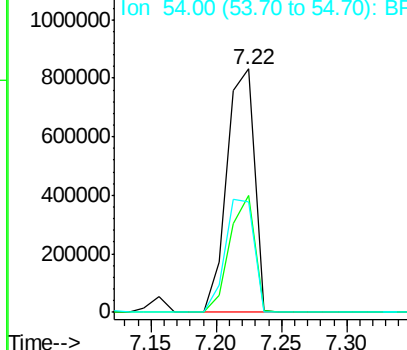
54 45.5 39.5 59.3

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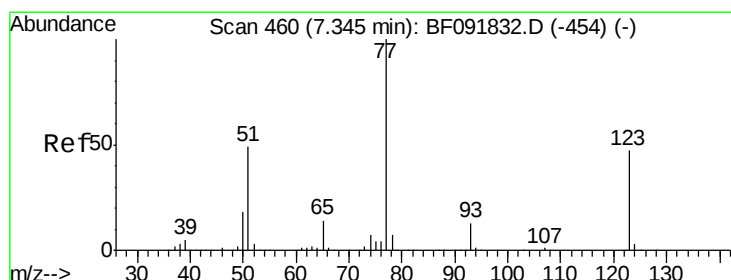
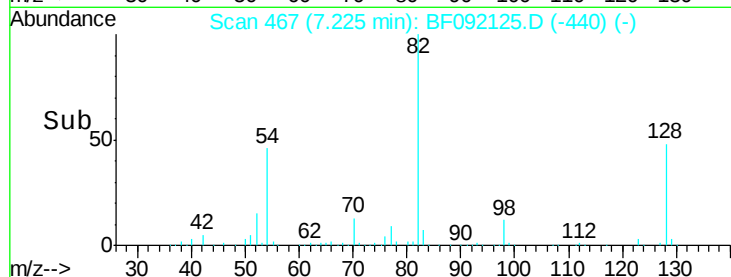
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0



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#24

Nitrobenzene

Concen: 34.75 ng

RT: 7.24 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

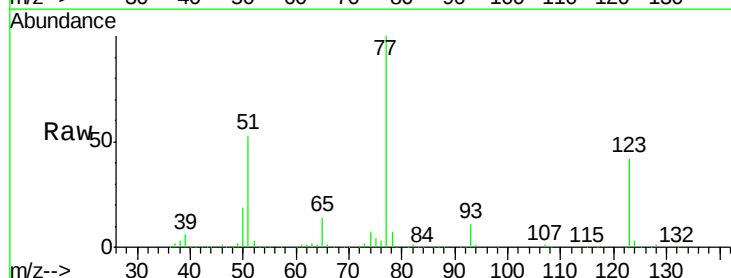
Tgt Ion: 77 Resp: 564240

Ion Ratio Lower Upper

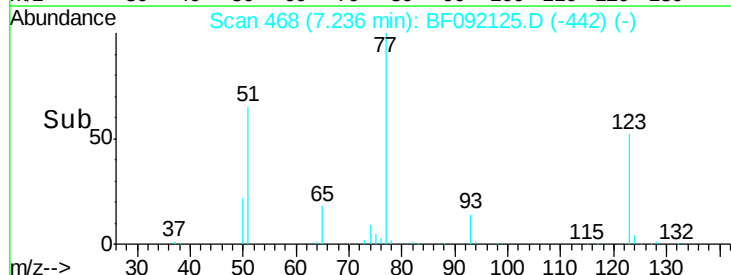
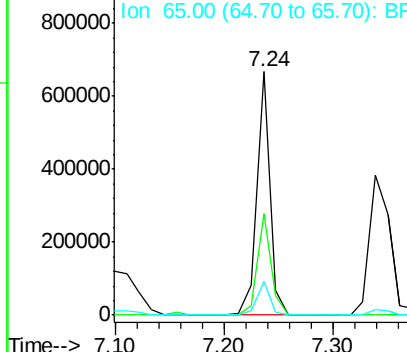
77 100

123 41.5 33.0 49.4

65 13.6 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.35 ng

RT: 7.49 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MS

Tot Ion: 82 Resp: 1275454

Ion Ratio Lower Upper

82 100

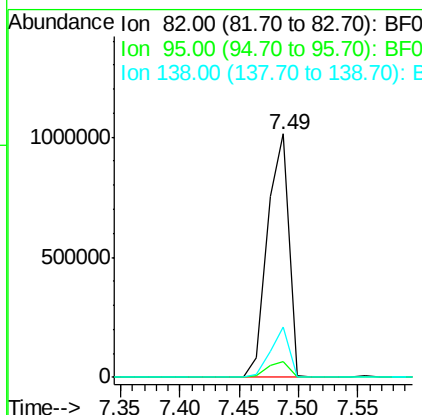
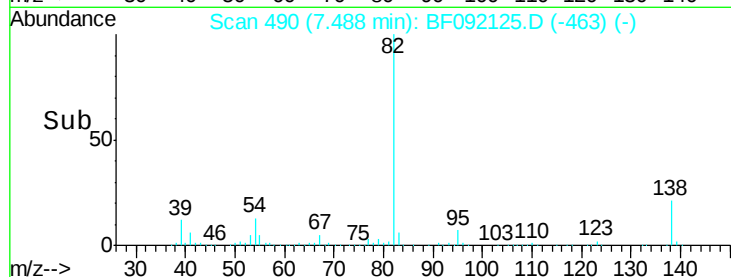
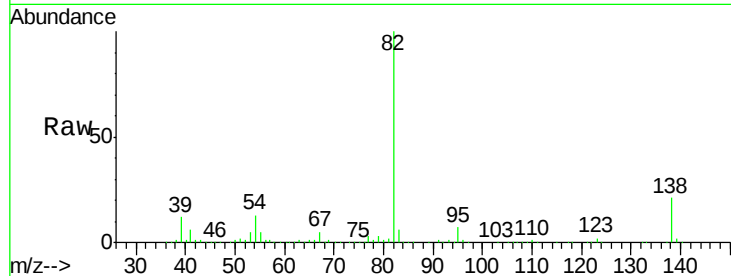
95 6.7 5.6 8.4

138 20.9 14.6 22.0

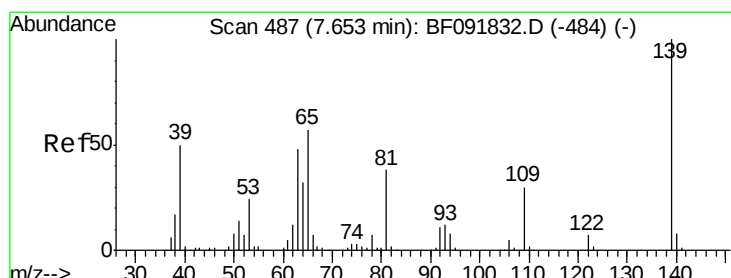
Manual Integrations
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#26

2-Nitrophenol

Concen: 48.14 ng

RT: 7.56 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

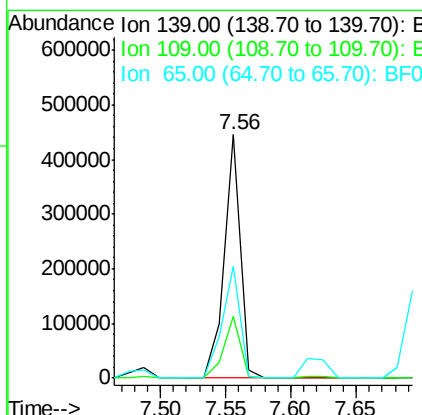
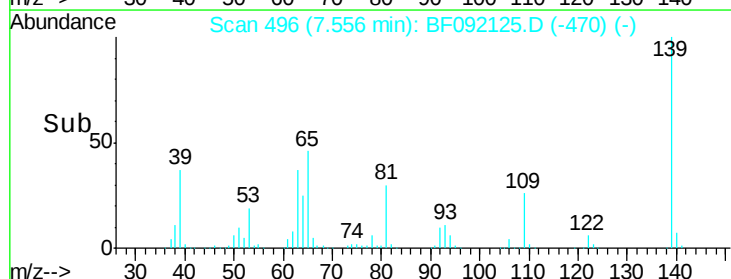
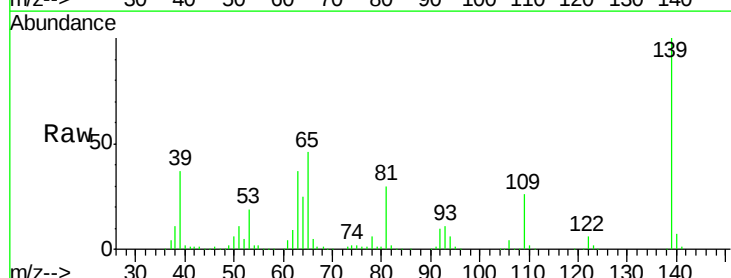
Tgt Ion: 139 Resp: 385433

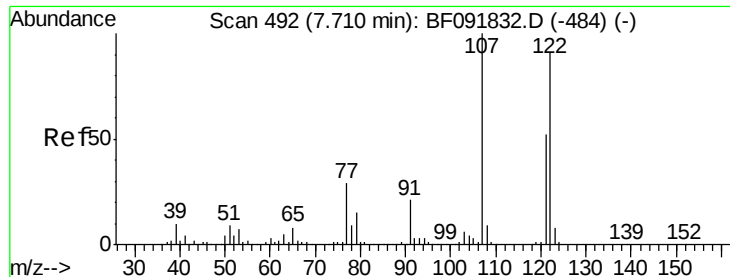
Ion Ratio Lower Upper

139 100

109 25.6 23.3 34.9

65 46.1 42.7 64.1





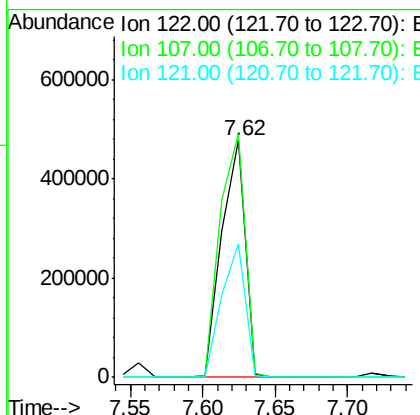
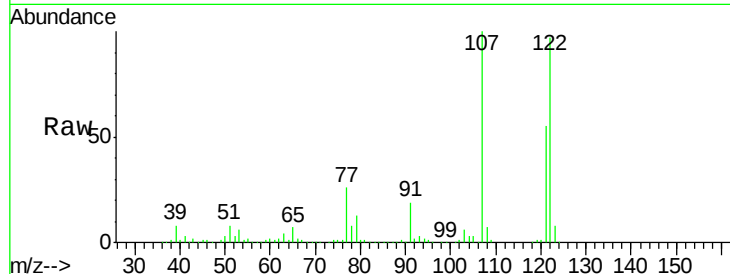
#27
 2,4-Dimethylphenol
 Concen: 40.67 ng
 RT: 7.62 min Scan# 502
 Delta R.T. 0.01 min
 Lab File: BF092125.D
 Acq: 6 Jan 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MS

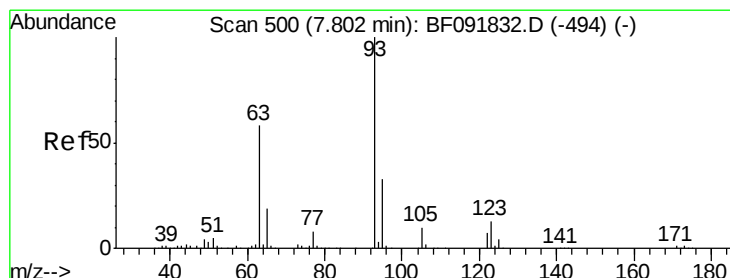
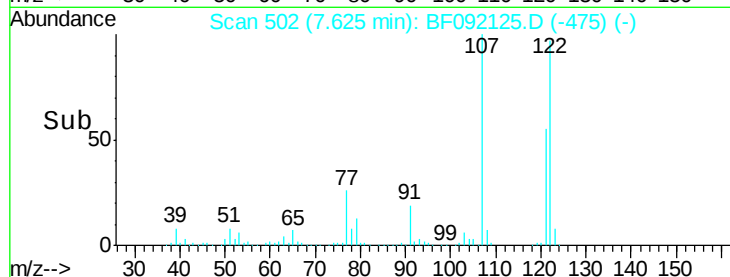
Tot Ion	Ratio	Lower	Upper
122	100		
107	102.9	94.1	141.1
121	56.5	46.0	69.0

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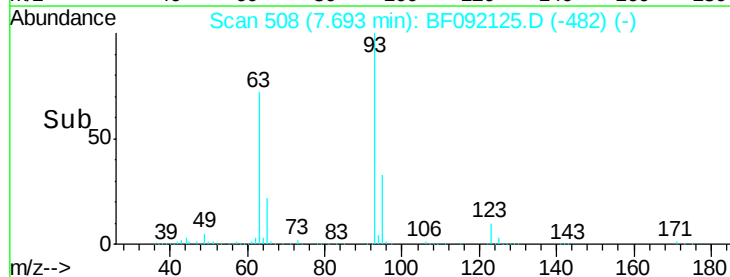
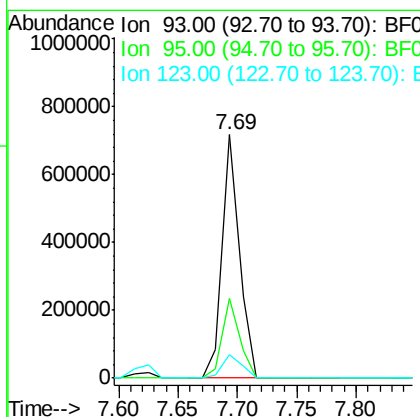
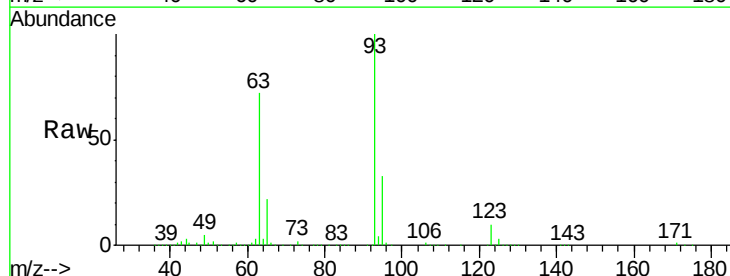


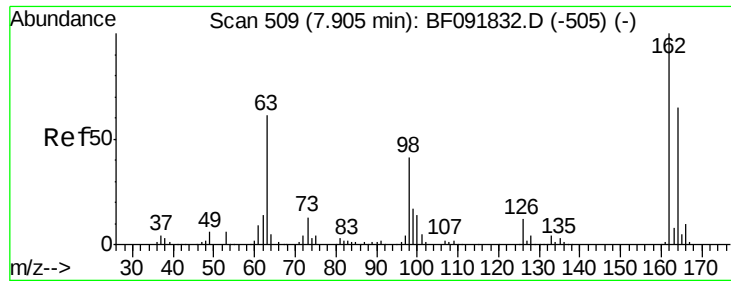
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.14 ng
 RT: 7.69 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF092125.D
 Acq: 6 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	9.8	8.6	13.0





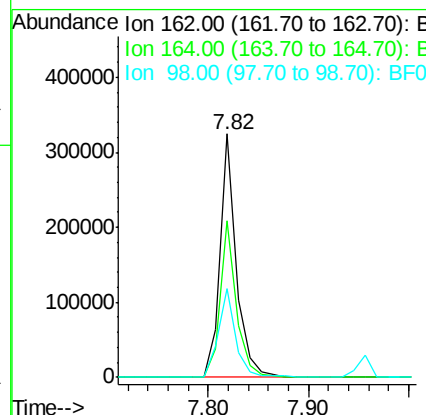
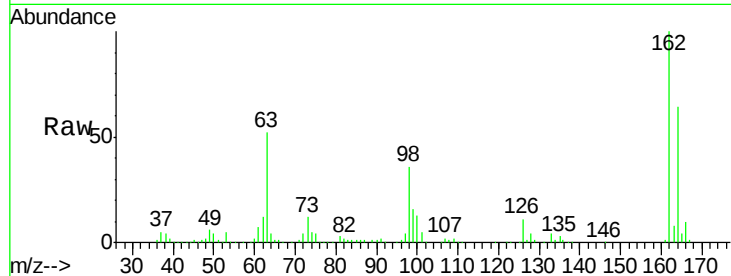
#29
2,4-Dichlorophenol
Concen: 32.25 ng
RT: 7.82 min Scan# 519
Delta R.T. 0.01 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Instrument :
BNA_F
ClientSampleId :
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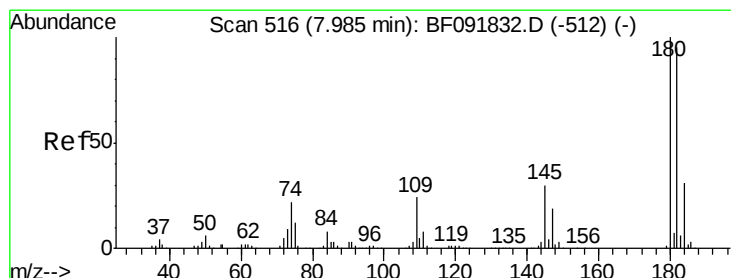
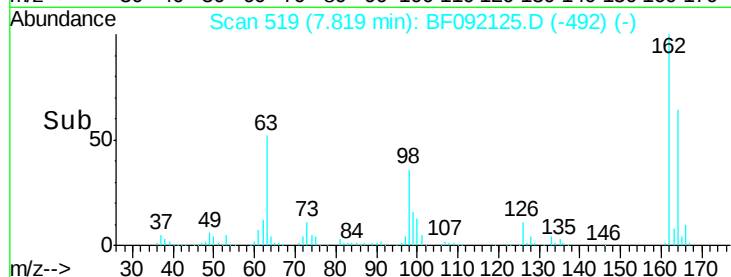
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.1	46.8	86.8
98	36.3	9.1	49.1

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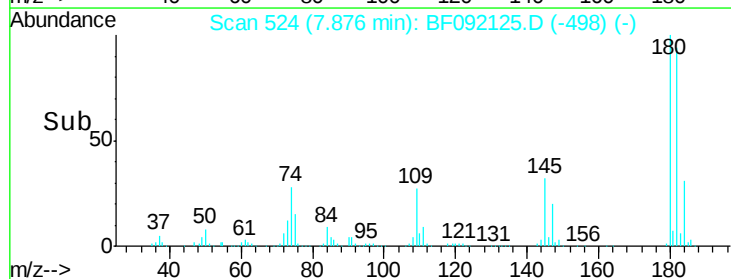
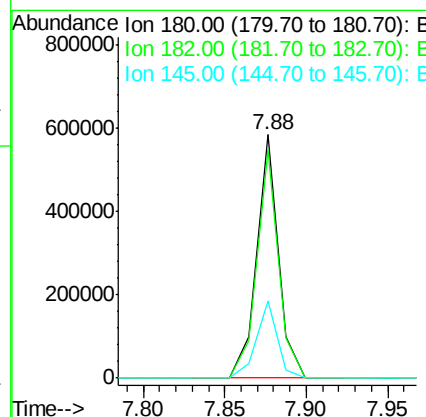
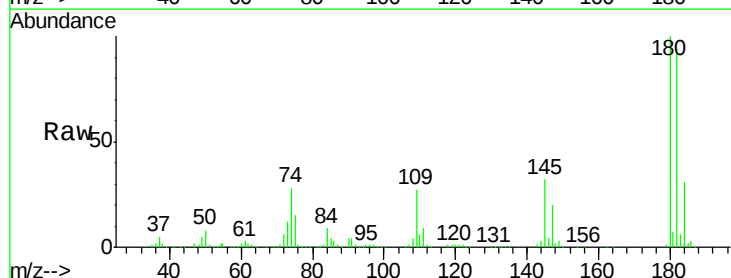


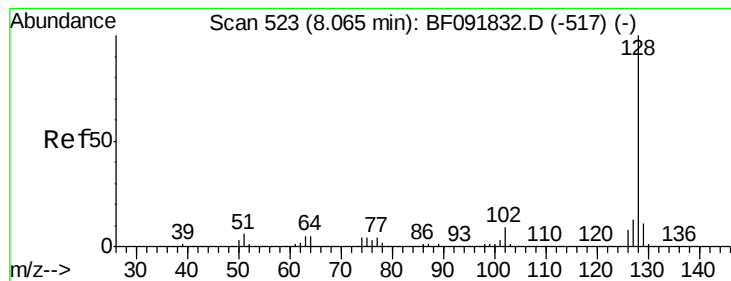
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#30
1,2,4-Trichlorobenzene
Concen: 43.51 ng
RT: 7.88 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.7	78.2	117.4
145	32.0	21.6	32.4





#31

Naphthalene

Concen: 47.64 ng

RT: 7.96 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MS

Tot Ion:128 Resp: 1848060

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

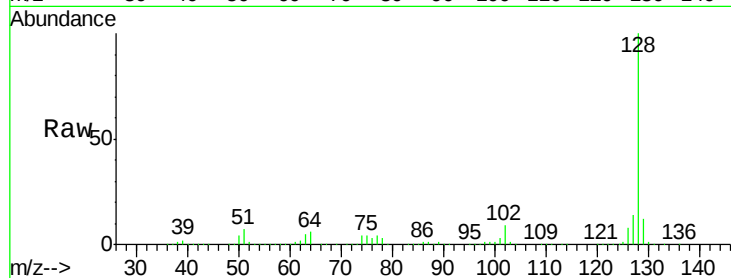
127 13.6 10.8 16.2

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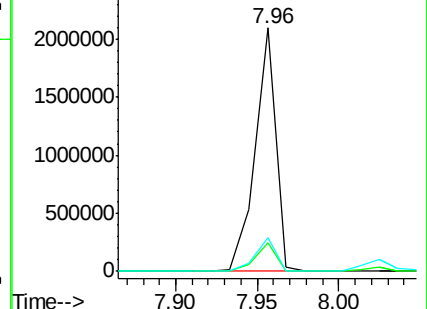
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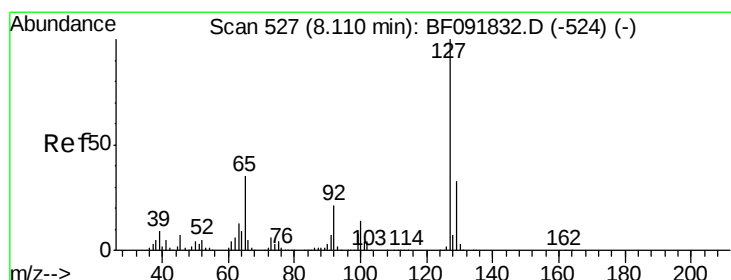
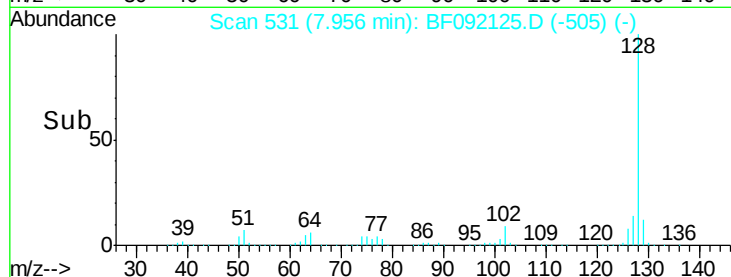
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



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#33

4-Chloroaniline

Concen: 8.41 ng

RT: 8.02 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Tgt Ion:127 Resp: 147115

Ion Ratio Lower Upper

127 100

129 32.4 26.3 39.5

65 24.9 25.8 38.8#

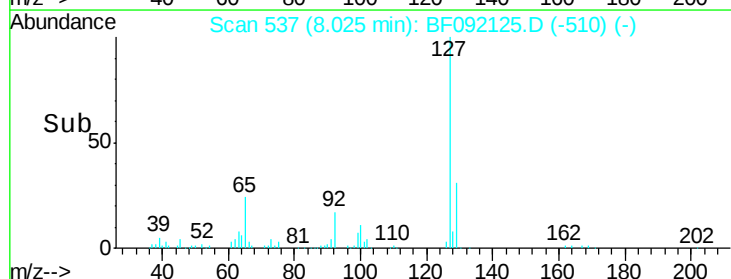
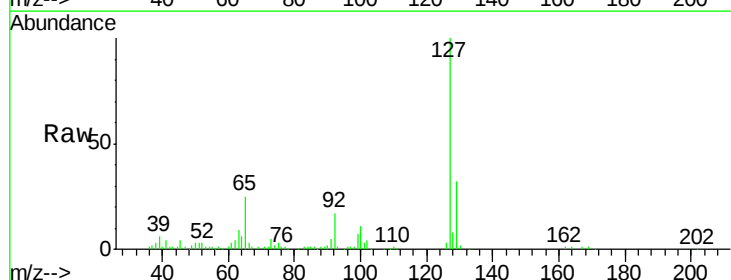
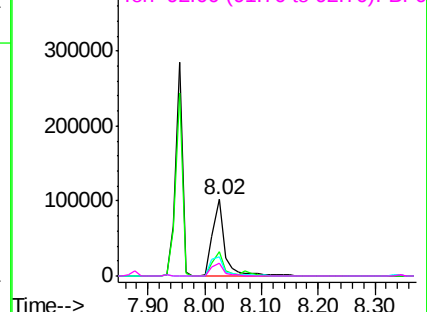
92 16.9 16.1 24.1

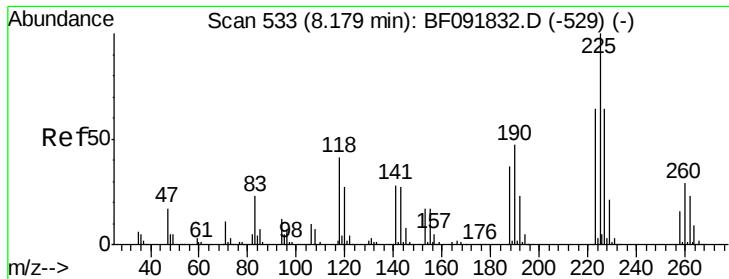
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 39.93 ng

RT: 8.07 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Instrument :

BNA_F

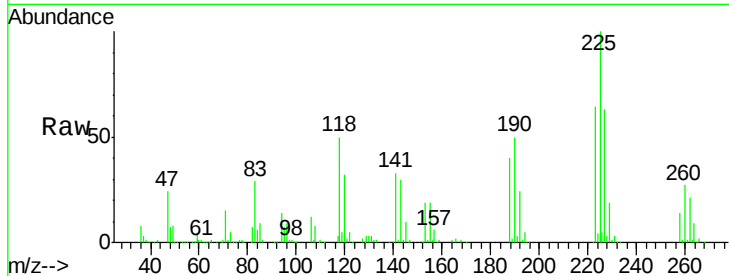
ClientSampleId :

TP7-8-COMP10MS

Tot Ion:	225	Resp:	259737
Ion Ratio	Lower	Upper	
225	100		
223	63.6	51.0	76.6
227	62.9	50.6	76.0

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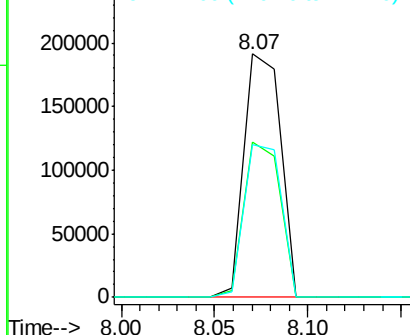


Abundance

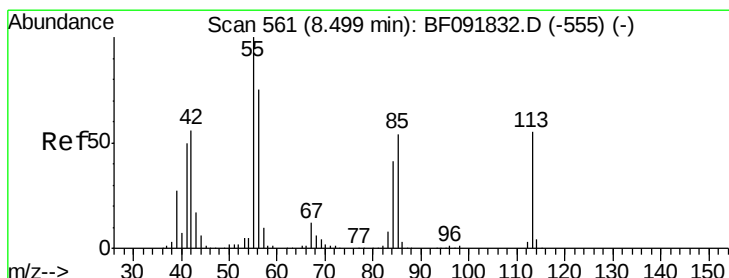
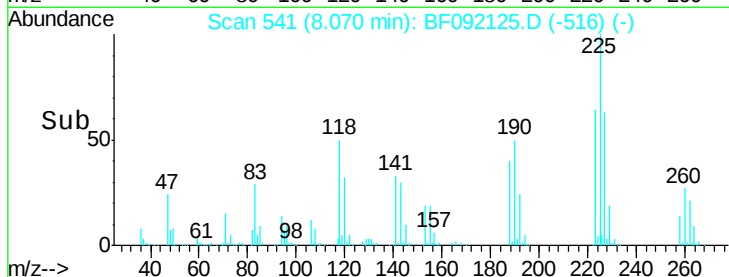
Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



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#35

Caprolactam

Concen: 35.19 ng

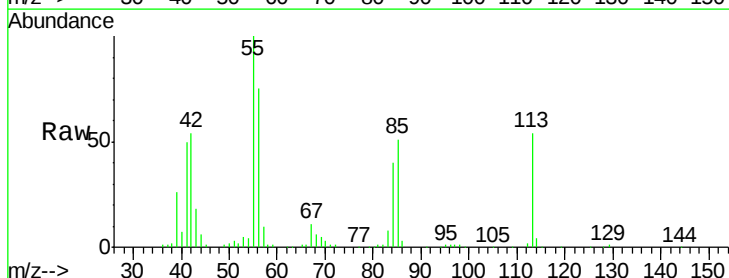
RT: 8.38 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Tgt Ion:	113	Resp:	130041
Ion Ratio	Lower	Upper	
113	100		
55	184.8	119.2	159.2#
56	139.1	83.8	123.8#

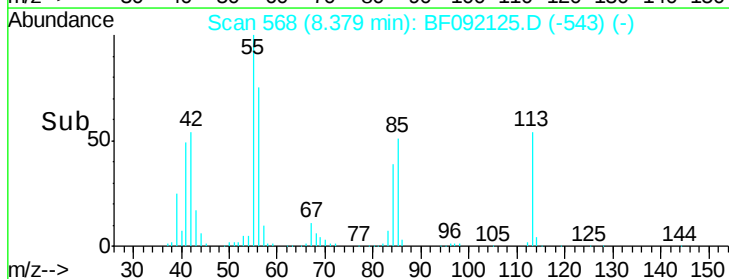
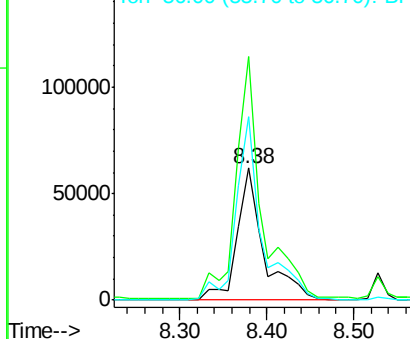


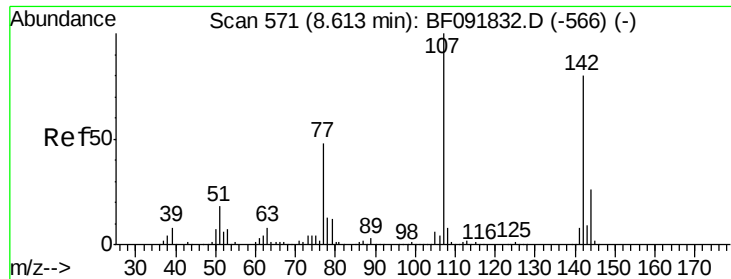
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





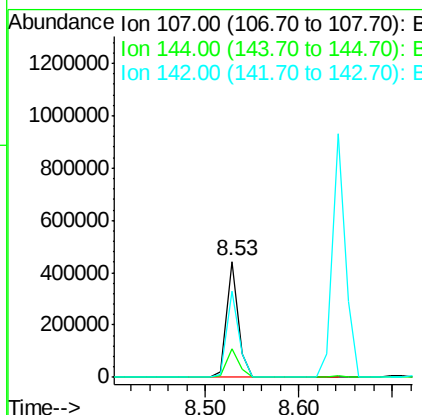
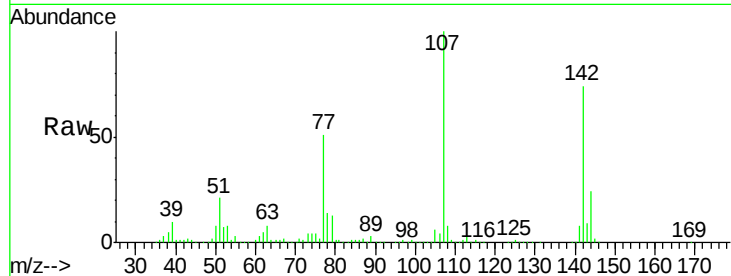
#36
4-Chloro-3-methylphenol
Concen: 29.89 ng
RT: 8.53 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MS

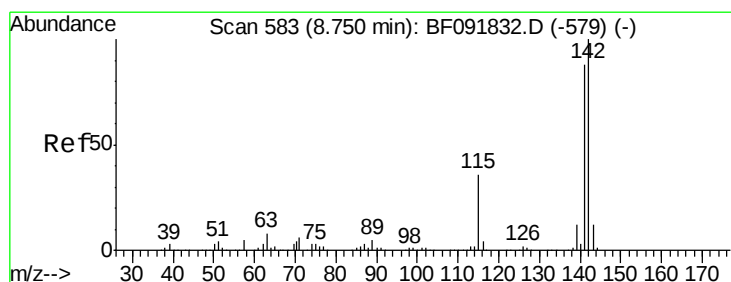
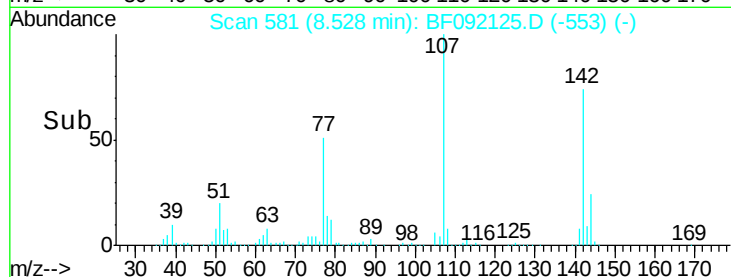
Tot Ion	Ratio	Lower	Upper
107	100		
144	24.1	19.3	28.9
142	73.9	59.0	88.6

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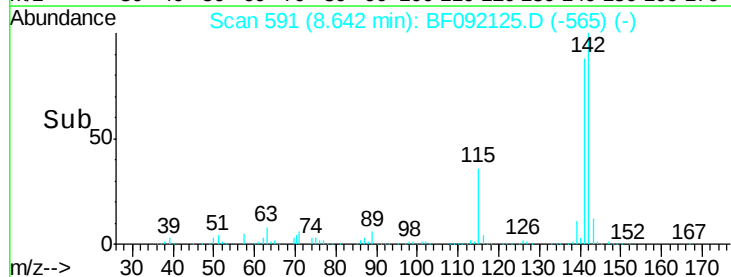
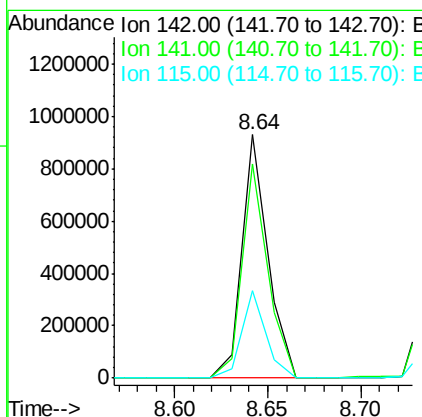
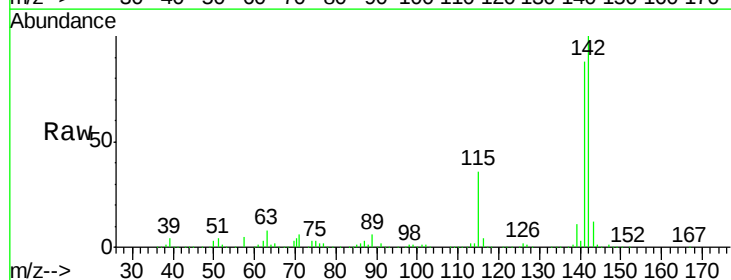


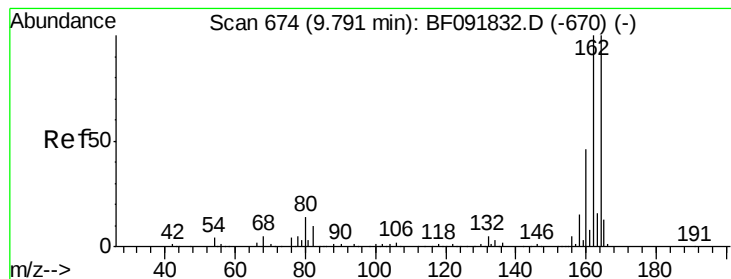
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#37
2-Methylnaphthalene
Concen: 35.50 ng
RT: 8.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.0	106.6
115	35.9	28.3	42.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Instrument :

BNA_F

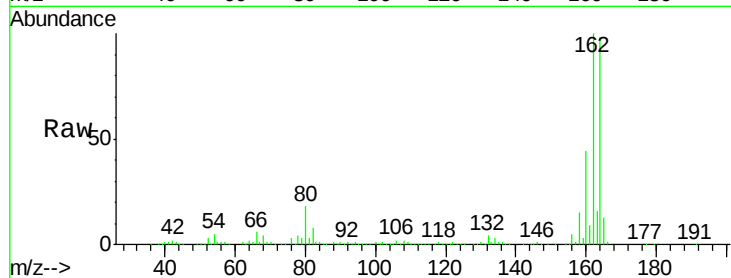
ClientSampleId :

TP7-8-COMP10MS

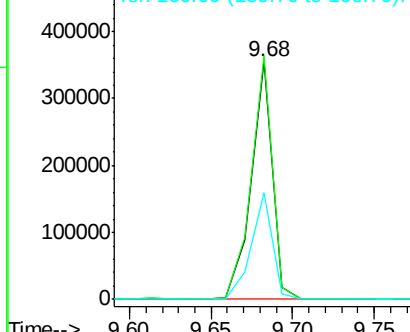
Tot Ion:	164	Resp:	318786
Ion Ratio	Lower	Upper	
164	100		
162	102.3	80.2	120.2
160	44.9	36.9	55.3

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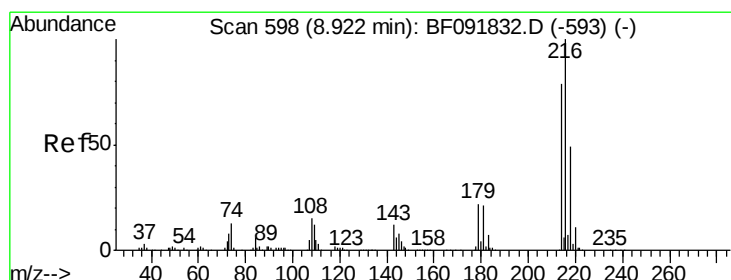
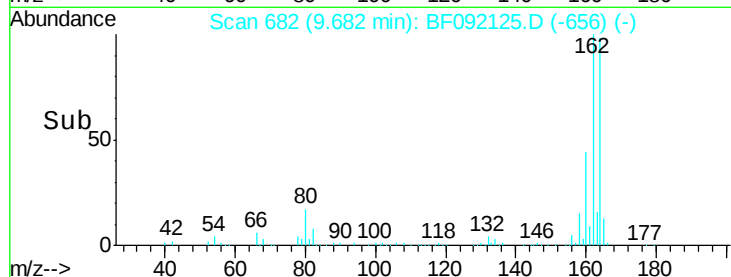
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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



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#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.96 ng

RT: 8.81 min Scan# 606

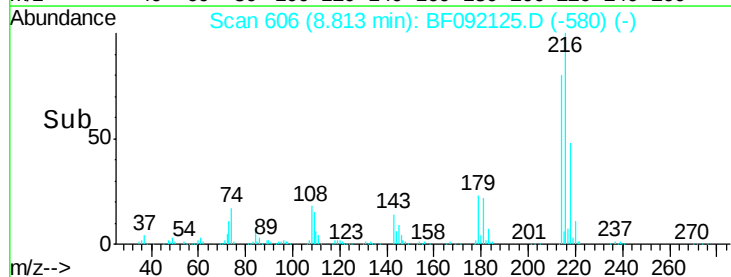
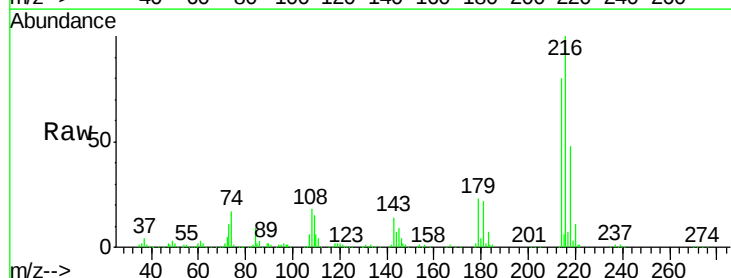
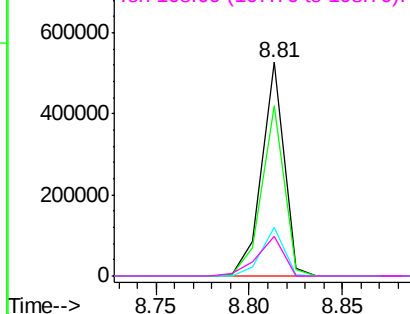
Delta R.T. 0.00 min

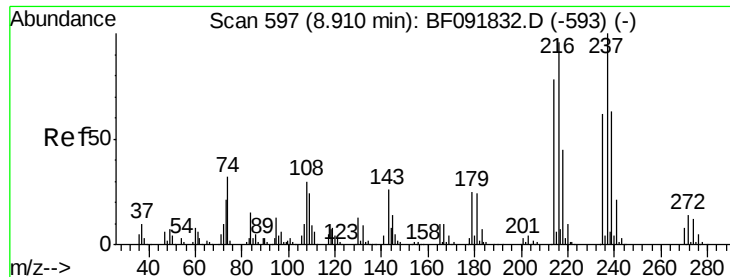
Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Tgt Ion:	216	Resp:	434625
Ion Ratio	Lower	Upper	
216	100		
214	79.9	63.4	95.0
179	23.4	17.4	26.2
108	21.9	15.6	23.4

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





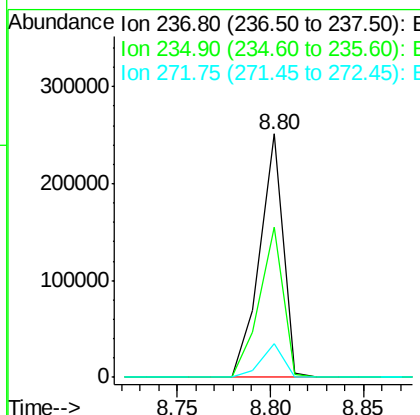
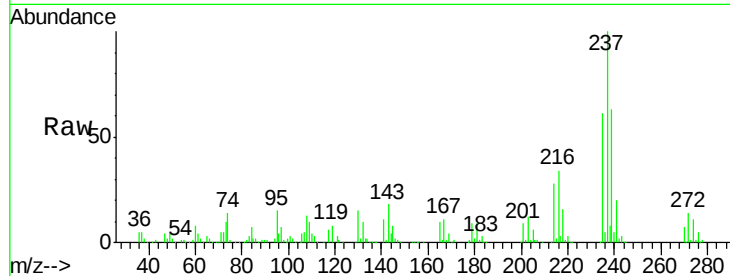
#40
Hexachlorocyclopentadiene
Concen: 63.17 ng
RT: 8.80 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MS

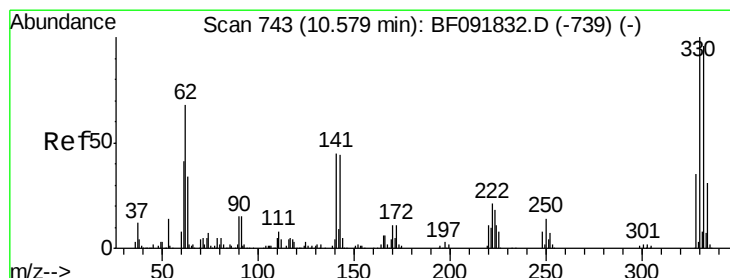
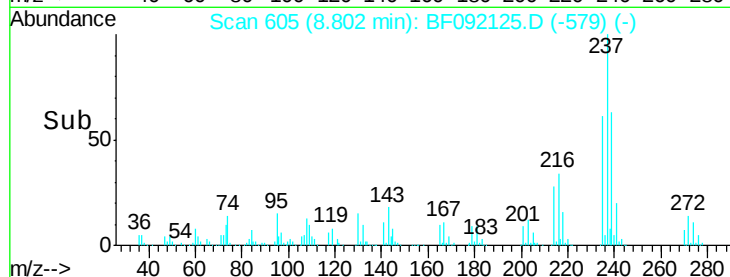
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.4	41.2	81.2
272	13.6	0.0	35.4

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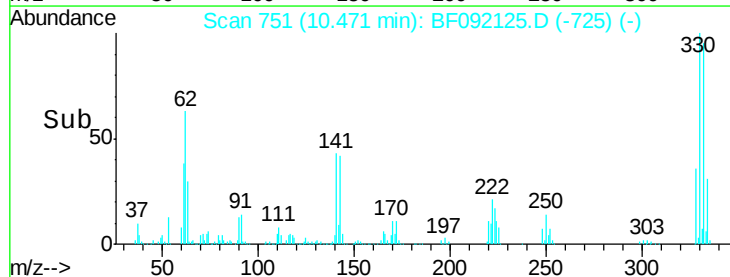
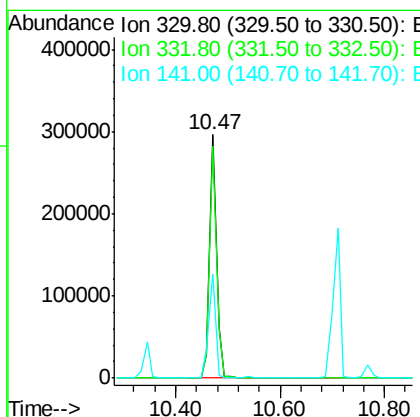
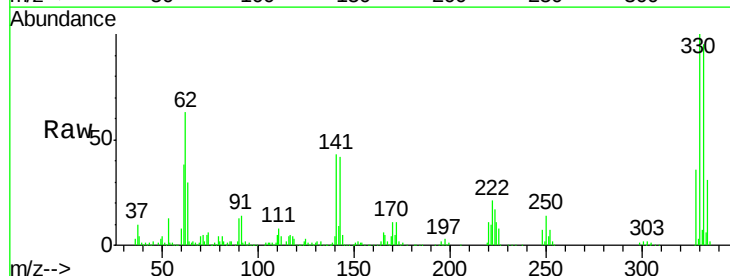


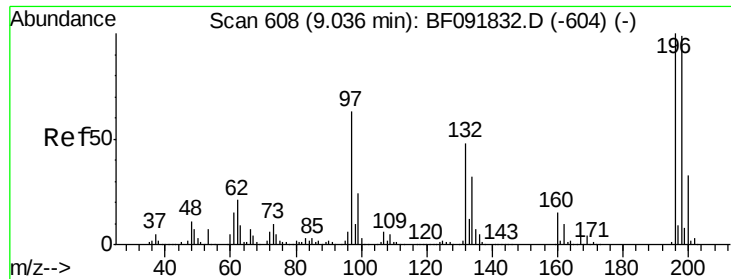
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#41
2,4,6-Tribromophenol
Concen: 104.35 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.2	77.4	116.2
141	41.8	34.1	51.1





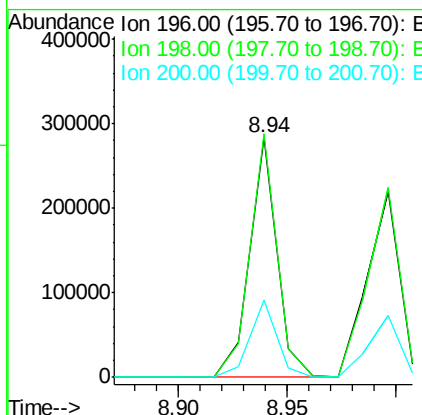
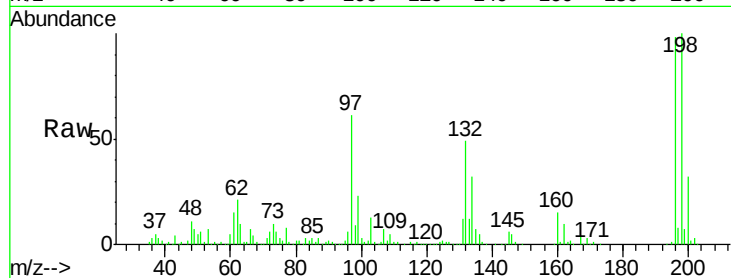
#42
2,4,6-Trichlorophenol
Concen: 43.82 ng
RT: 8.94 min Scan# 617
Delta R.T. 0.01 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MS

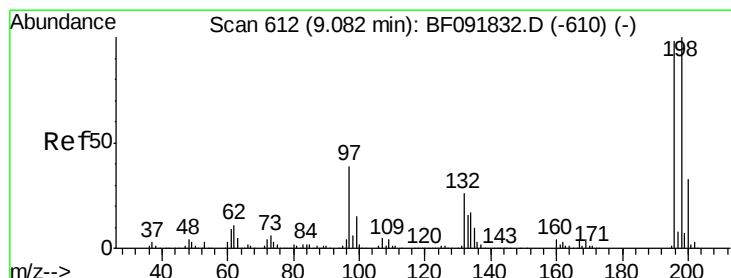
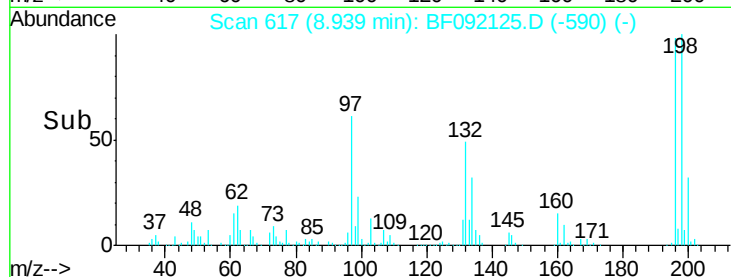
Tot Ion:	196	Resp:	246837
Ion Ratio	Lower	Upper	
196	100		
198	101.7	82.1	123.1
200	32.1	27.0	40.4

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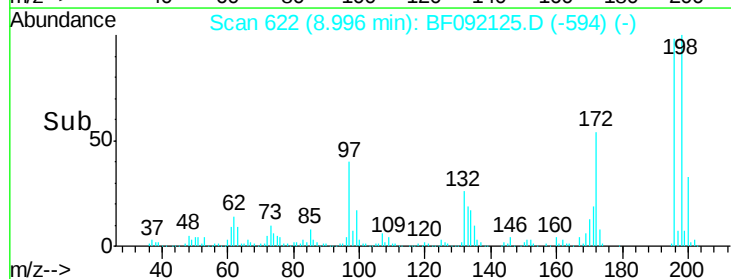
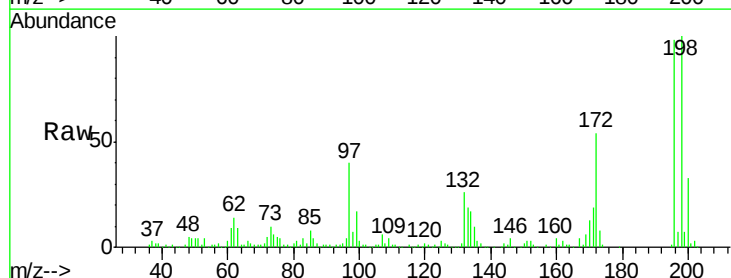
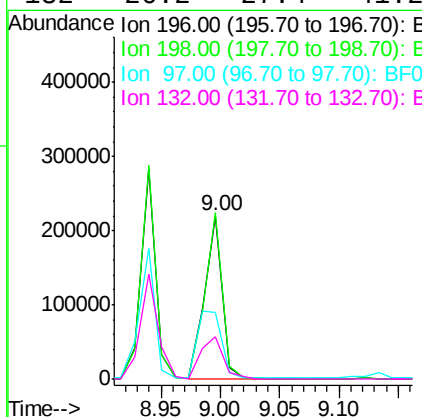


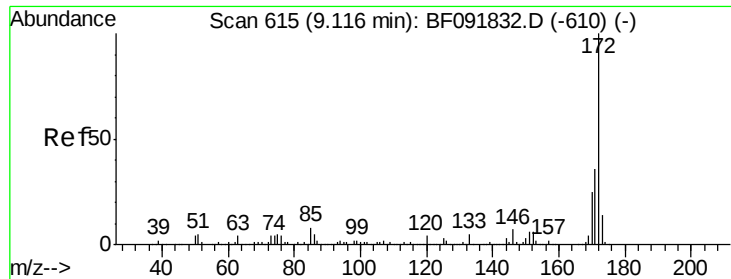
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#43
2,4,5-Trichlorophenol
Concen: 39.87 ng
RT: 9.00 min Scan# 622
Delta R.T. 0.02 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Tgt Ion:	196	Resp:	231098
Ion Ratio	Lower	Upper	
196	100		
198	102.4	79.4	119.2
97	41.0	51.5	77.3#
132	26.2	27.4	41.2#





#44

2-Fluorobiphenyl

Concen: 97.15 ng

RT: 9.01 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Instrument :

BNA_F

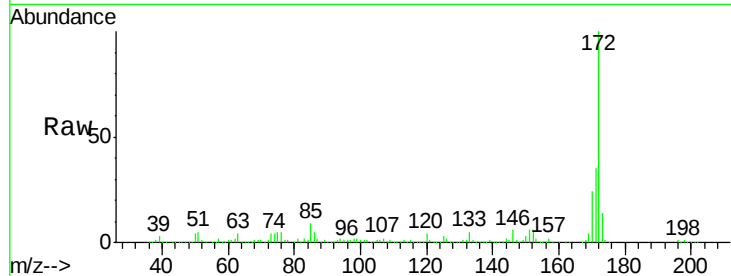
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.4	44.0
170	23.9	20.2	30.4

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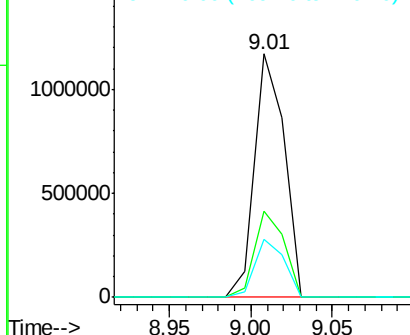


Abundance

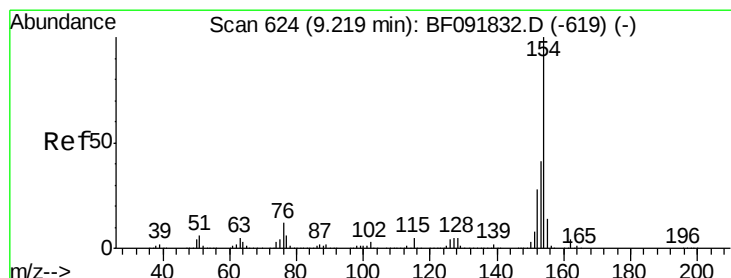
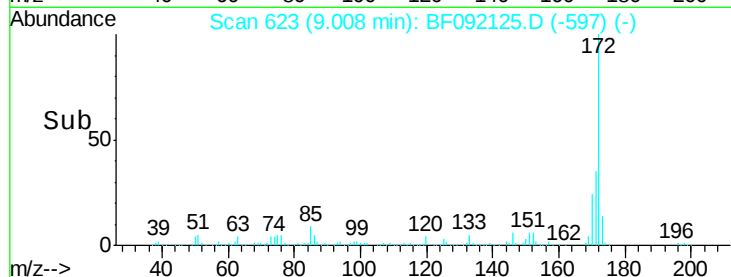
Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



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#45

1,1'-Biphenyl

Concen: 53.09 ng

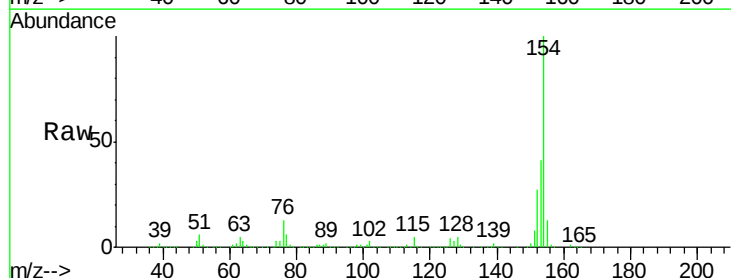
RT: 9.11 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.9	60.9
76	12.8	0.0	30.5

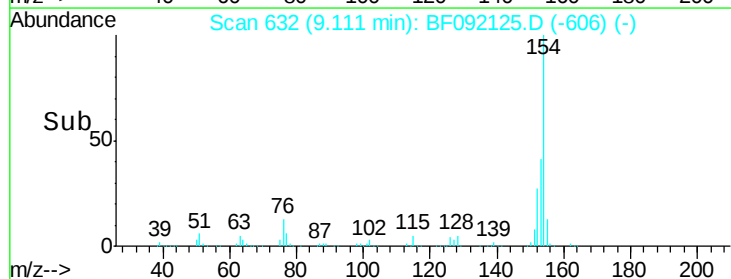
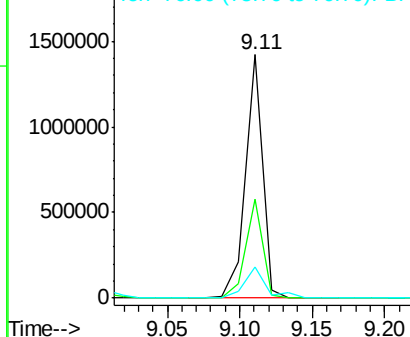


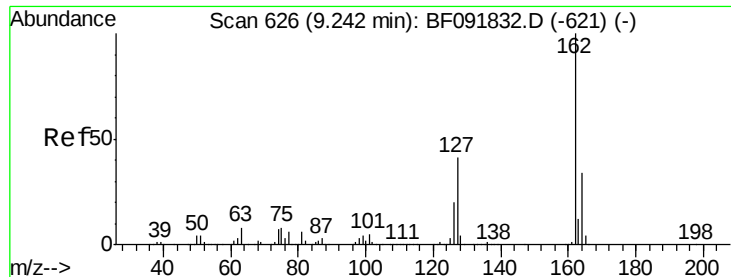
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 51.07 ng

RT: 9.13 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Instrument :

BNA_F

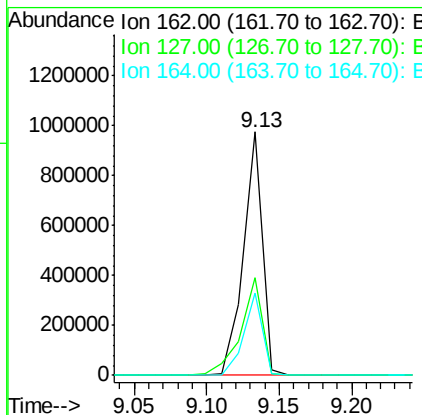
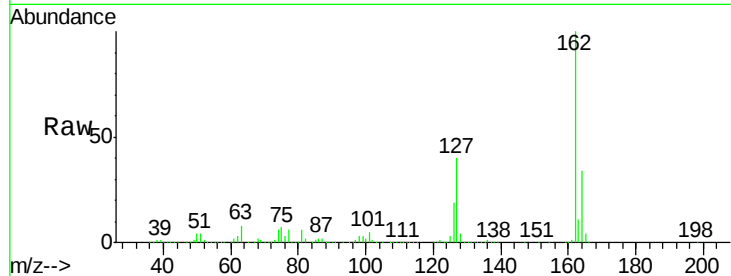
ClientSampleId :

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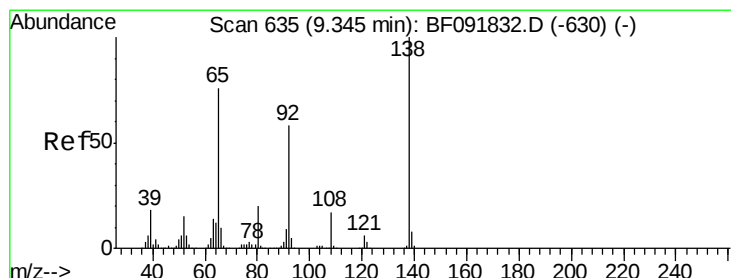
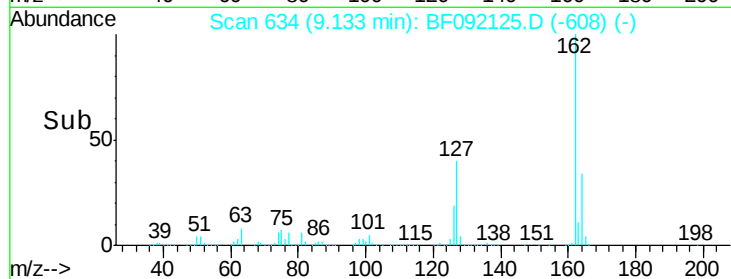
Tot Ion:	162	Resp:	882765
Ion Ratio	Lower	Upper	
162	100		
127	39.9	30.7	46.1
164	34.0	27.6	41.4

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#47

2-Nitroaniline

Concen: 38.39 ng

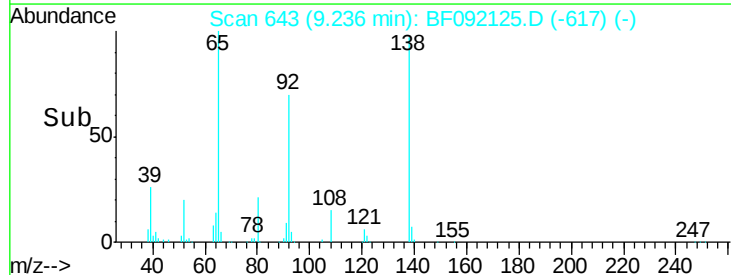
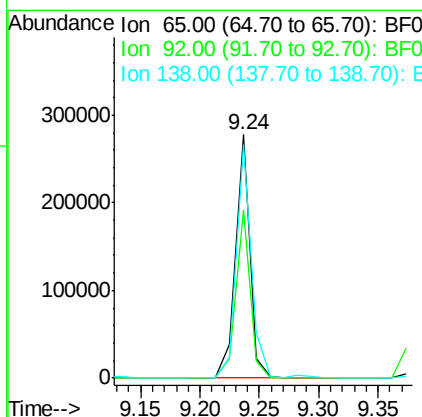
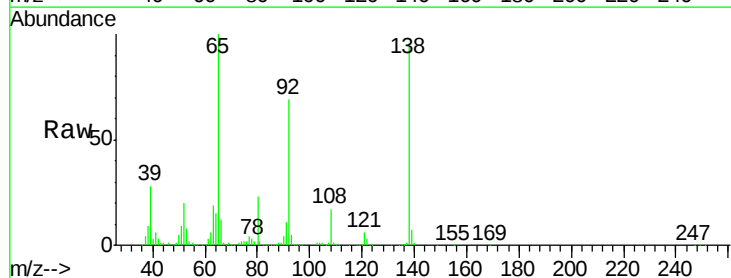
RT: 9.24 min Scan# 643

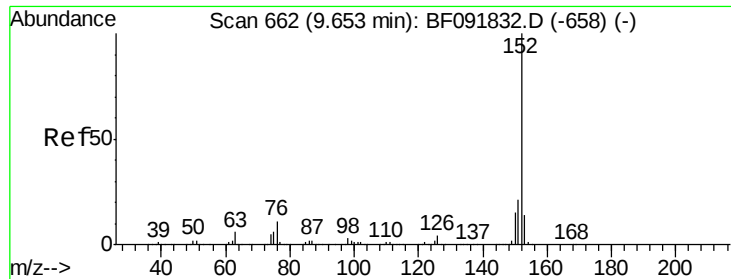
Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Tgt Ion:	65	Resp:	236284
Ion Ratio	Lower	Upper	
65	100		
92	68.9	53.9	80.9
138	96.1	76.8	115.2





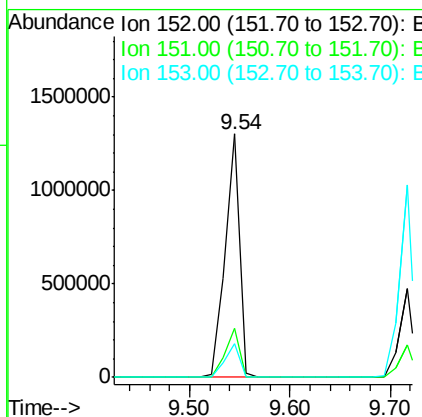
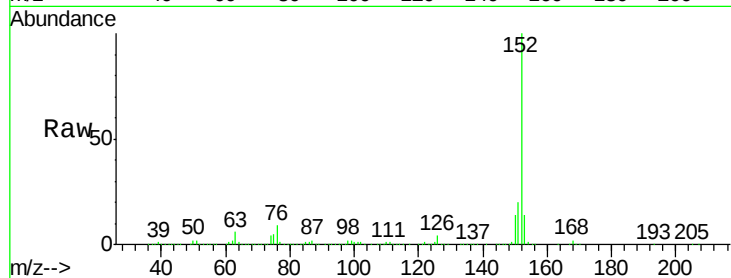
#48
Acenaphthylene
Concen: 48.31 ng
RT: 9.54 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MS

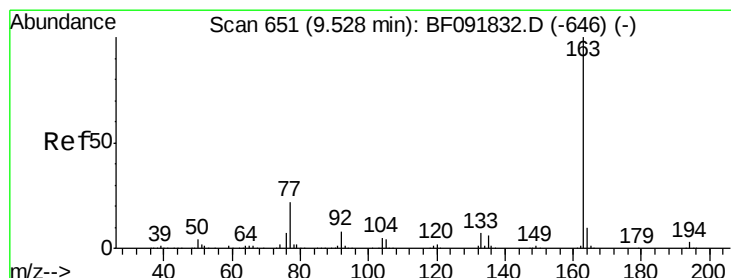
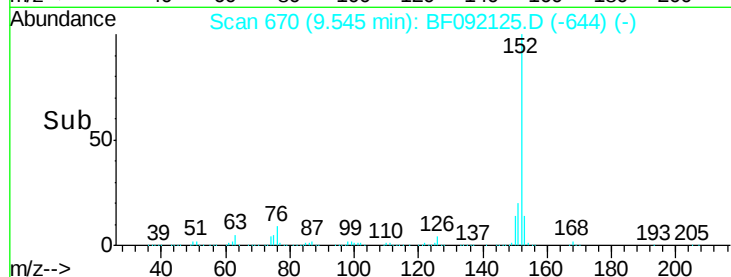
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.9	25.3
153	14.0	11.4	17.2

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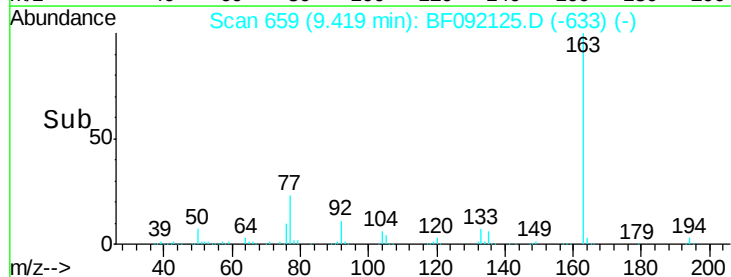
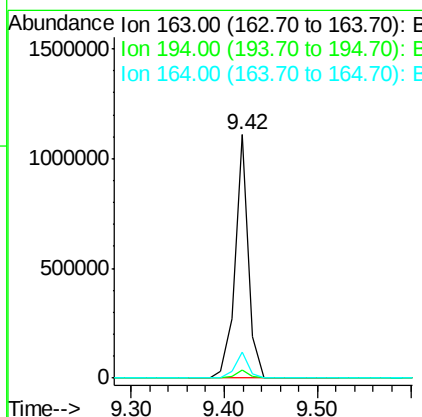
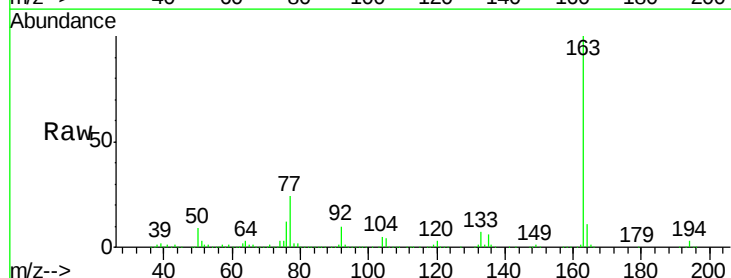


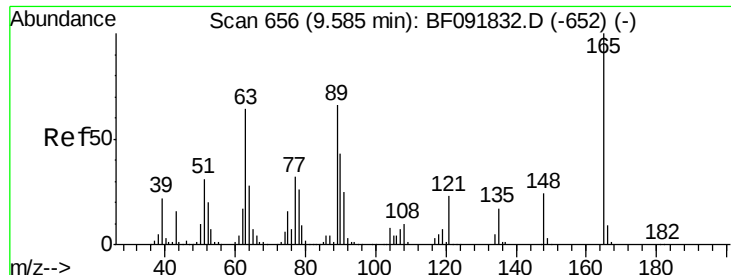
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#49
Dimethylphthalate
Concen: 53.79 ng
RT: 9.42 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.7	8.0	12.0





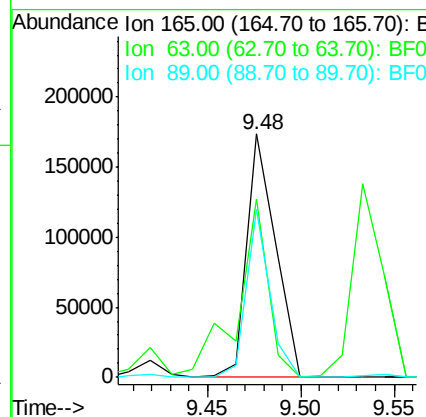
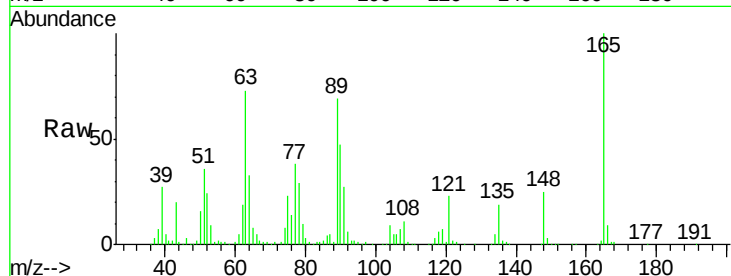
#50
2,6-Dinitrotoluene
Concen: 41.34 ng
RT: 9.48 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MS

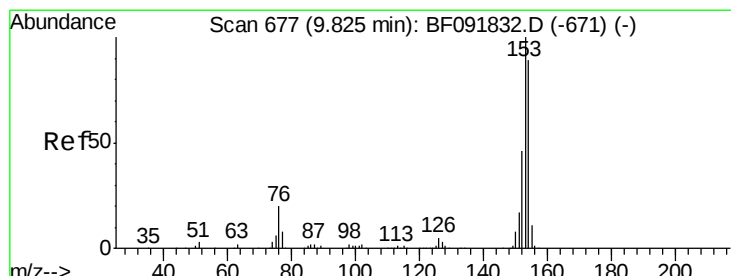
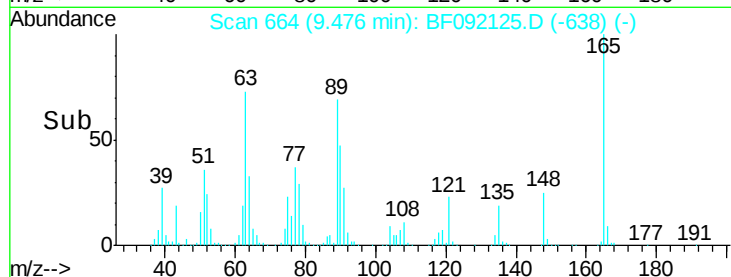
Tot Ion	Ratio	Lower	Upper
165	100		
63	73.3	36.2	54.4#
89	68.9	40.2	60.4#

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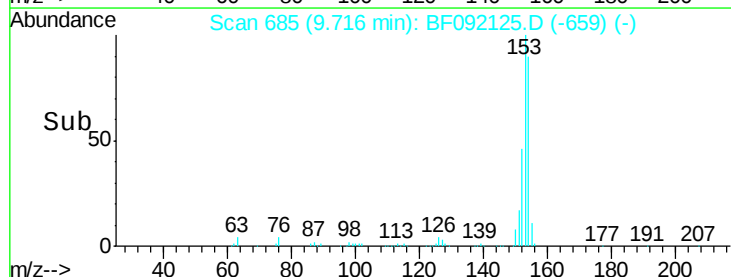
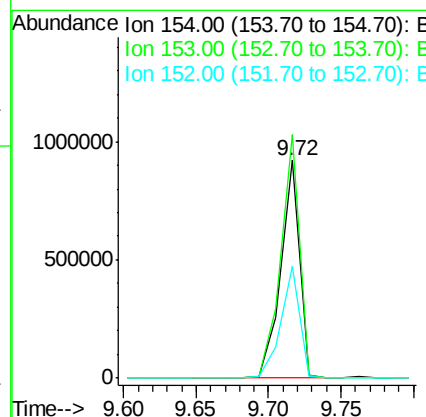
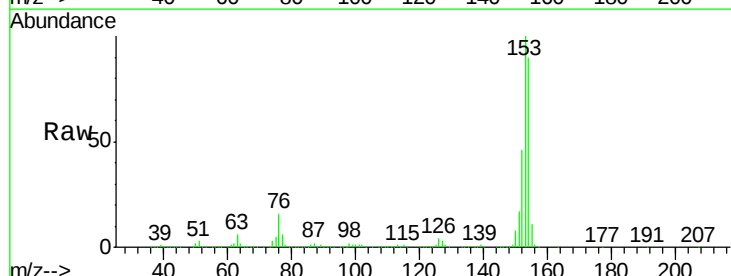


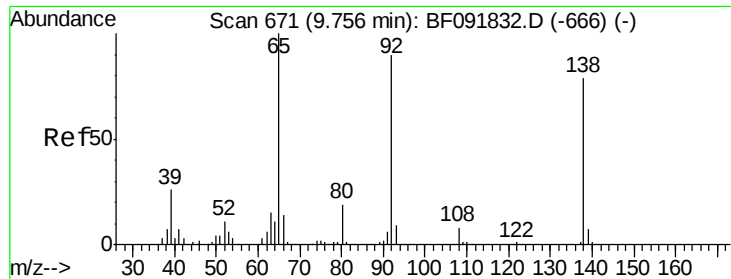
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#51
Acenaphthene
Concen: 45.71 ng
RT: 9.72 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	88.6	133.0
152	51.5	41.6	62.4





#52

3-Nitroaniline

Concen: 26.96 ng

RT: 9.65 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Instrument :

BNA_F

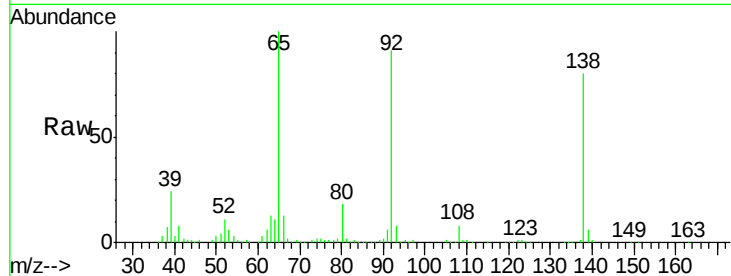
ClientSampleId :

TP7-8-COMP10MS

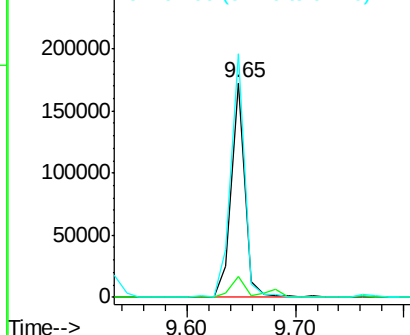
Tot Ion:	138	Resp:	148886
Ion Ratio	Lower	Upper	
138	100		
108	10.0	8.5	12.7
92	113.5	97.8	146.8

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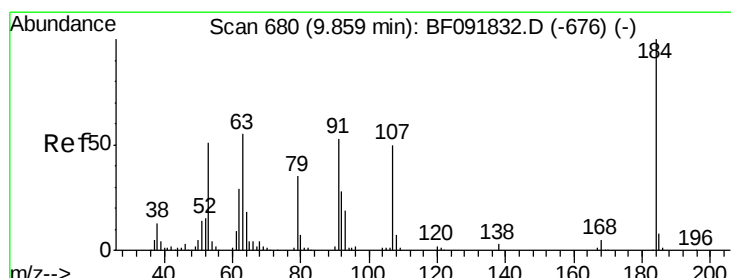
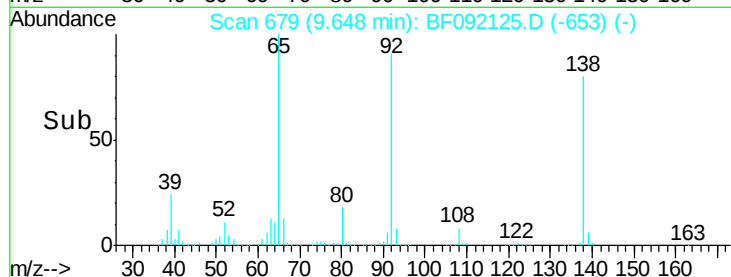
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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0



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#53

2,4-Dinitrophenol

Concen: 6.65 ng

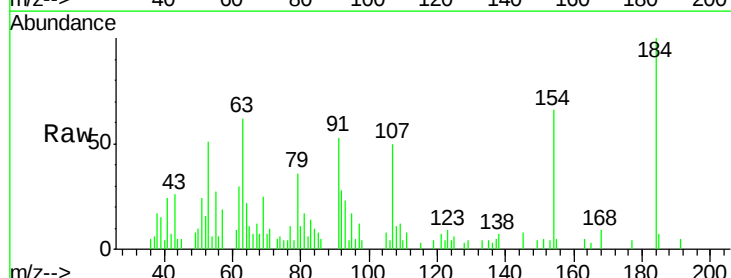
RT: 9.76 min Scan# 689

Delta R.T. 0.00 min

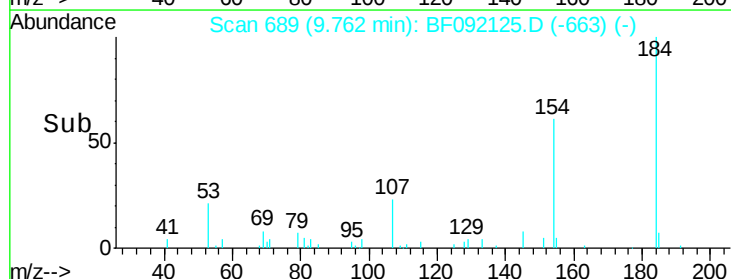
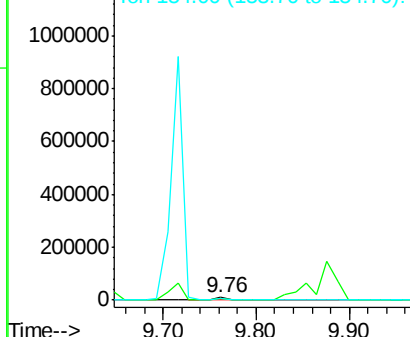
Lab File: BF092125.D

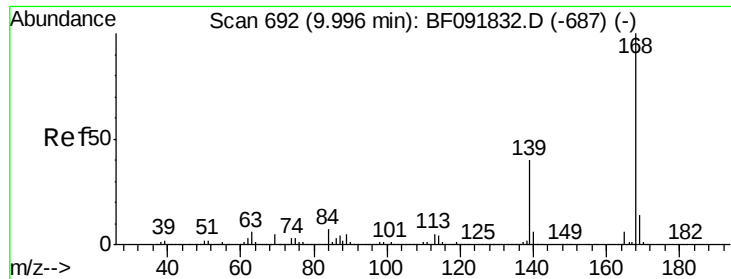
Acq: 6 Jan 2017 19:03

Tgt Ion:	184	Resp:	16519
Ion Ratio	Lower	Upper	
184	100		
63	61.9	28.4	42.6#
154	66.4	44.3	66.5



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





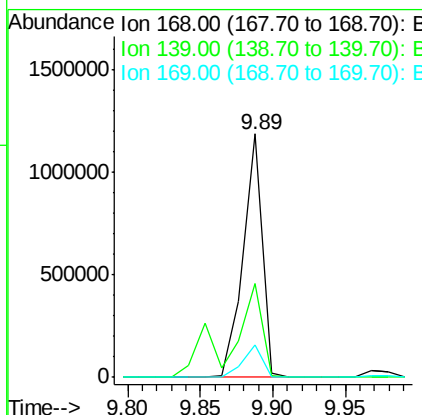
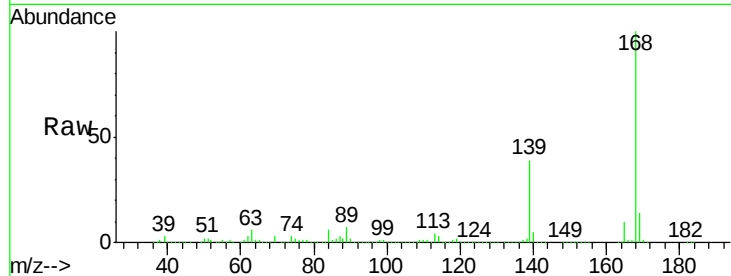
#54
Dibenzofuran
Concen: 44.66 ng
RT: 9.89 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MS

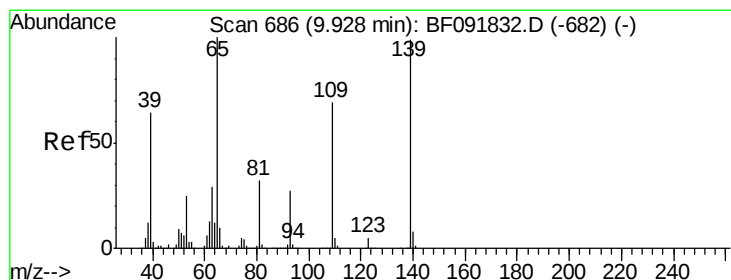
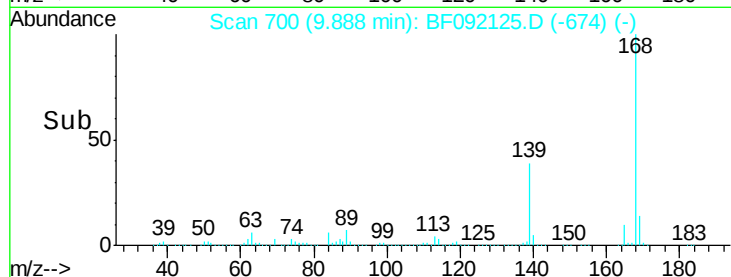
Tot Ion:168 Resp: 1087000
Ion Ratio Lower Upper
168 100
139 38.7 32.6 49.0
169 13.6 11.3 16.9

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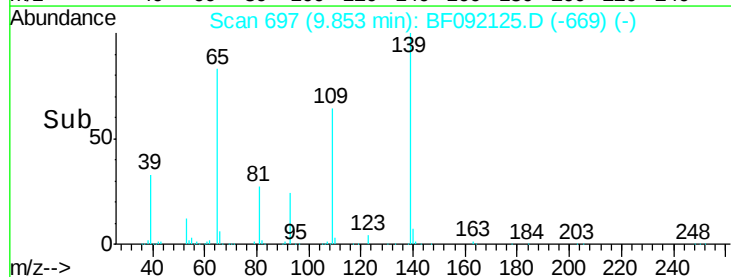
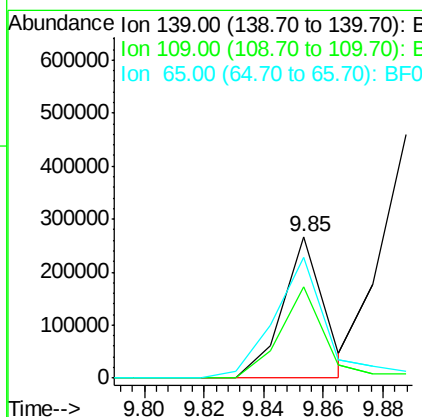
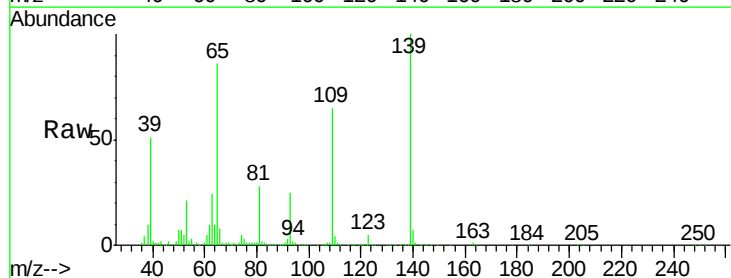


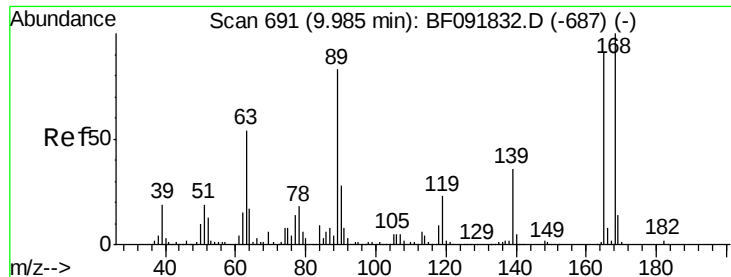
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#55
4-Nitrophenol
Concen: 68.27 ng m
RT: 9.85 min Scan# 697
Delta R.T. 0.02 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Tgt Ion:139 Resp: 255999
Ion Ratio Lower Upper
139 100
109 64.8 52.2 92.2
65 85.5 85.8 125.8#





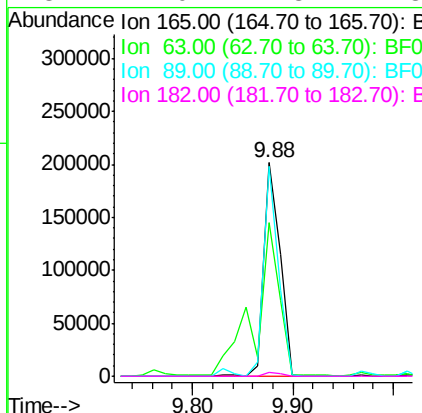
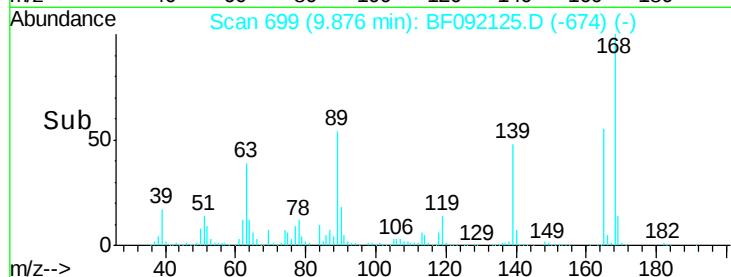
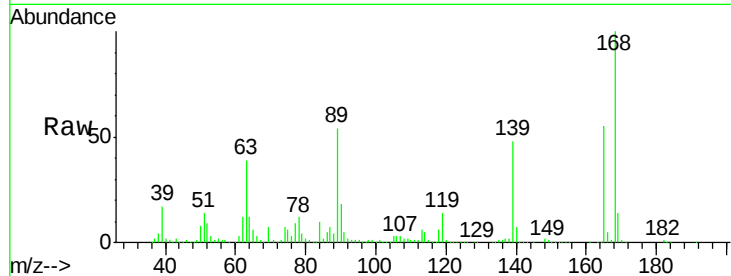
#56
2,4-Dinitrotoluene
Concen: 40.49 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MS

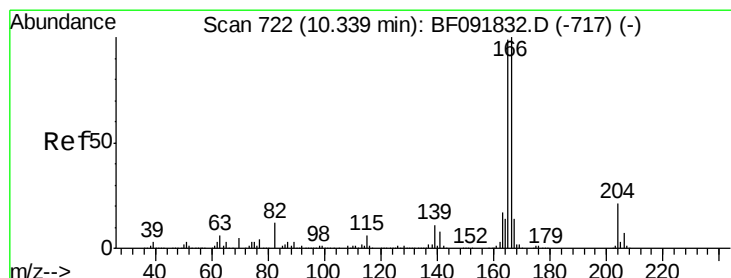
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	71.7	40.2	60.4#	
89	98.4	62.5	93.7#	
182	2.0	1.8	2.8	

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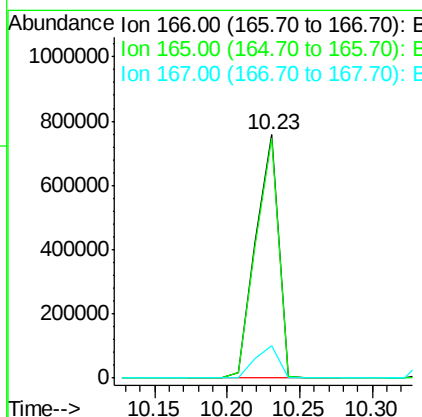
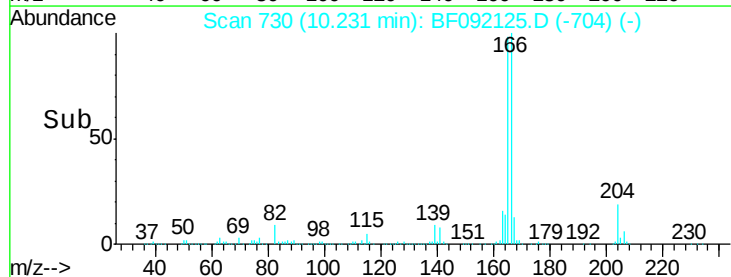
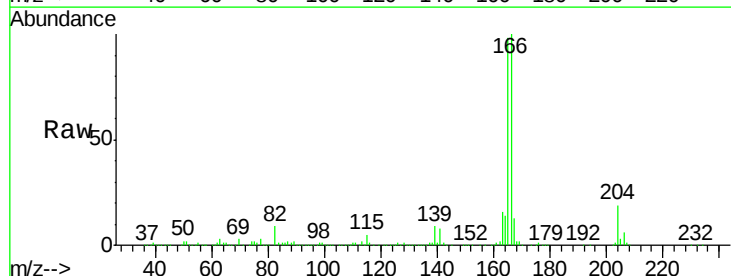


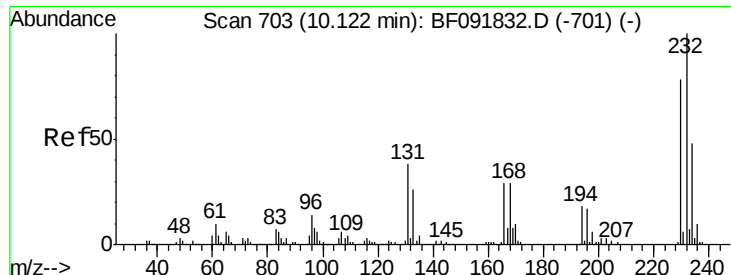
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#57
Fluorene
Concen: 46.67 ng
RT: 10.23 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.3	77.8	116.8	
167	13.4	10.8	16.2	





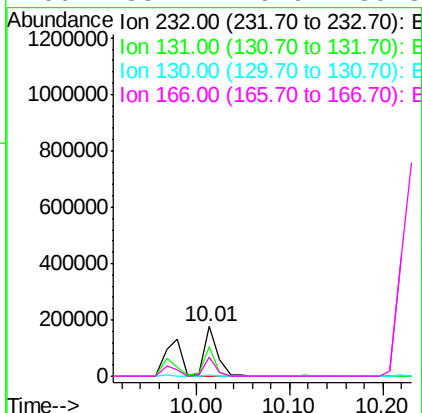
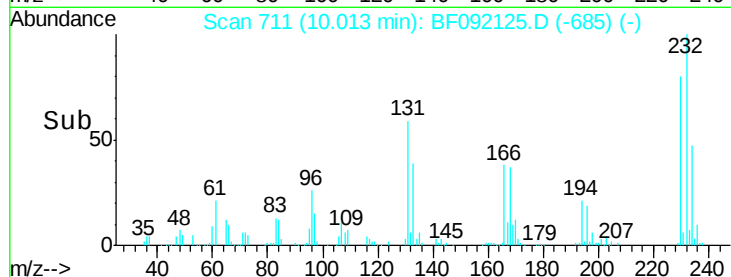
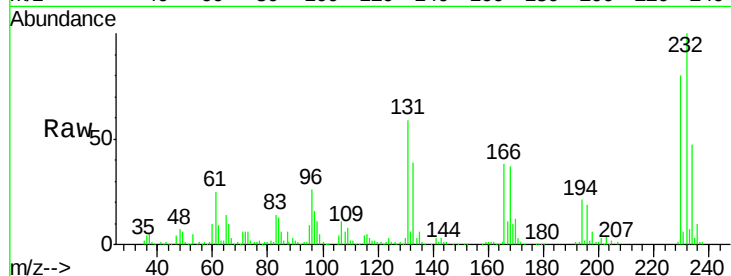
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.41 ng
 RT: 10.01 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF092125.D
 Acq: 6 Jan 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MS

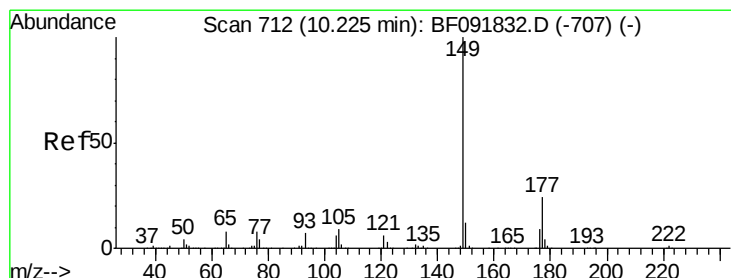
Tot Ion	Ratio	Lower	Upper
232	100		
131	51.5	40.1	60.1
130	2.8	1.8	2.8
166	33.2	26.6	39.8

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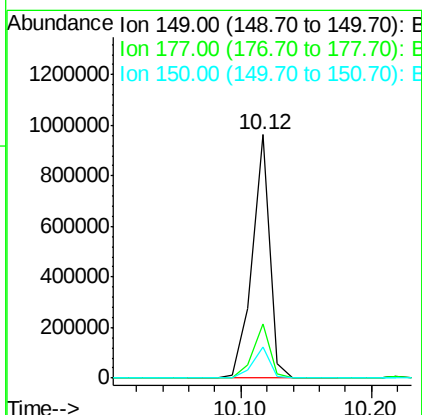
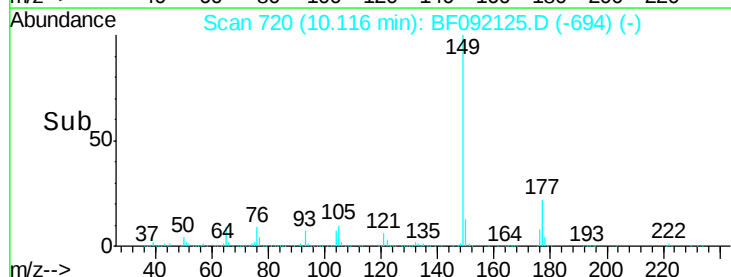
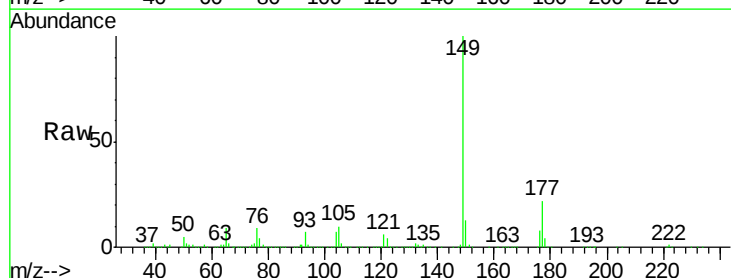


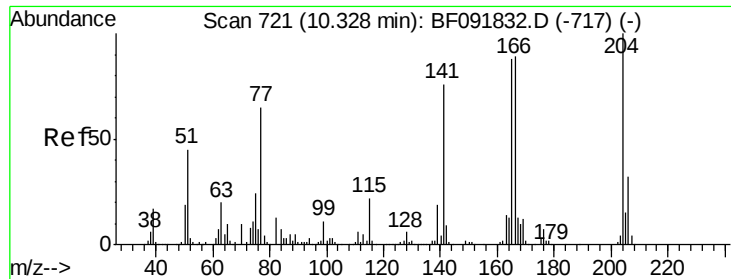
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#59
 Diethylphthalate
 Concen: 45.24 ng
 RT: 10.12 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF092125.D
 Acq: 6 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	16.6	25.0
150	12.6	10.4	15.6





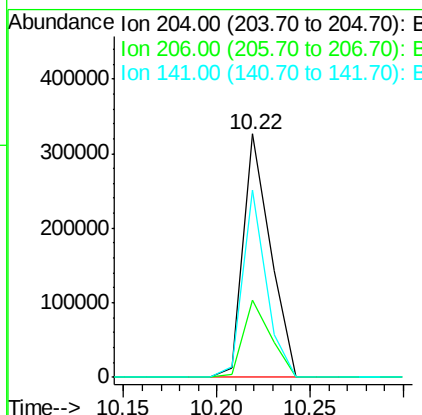
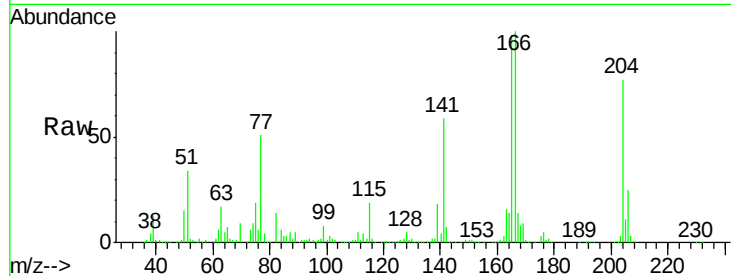
#60
4-Chlorophenyl-phenylether
Concen: 42.71 ng
RT: 10.22 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MS

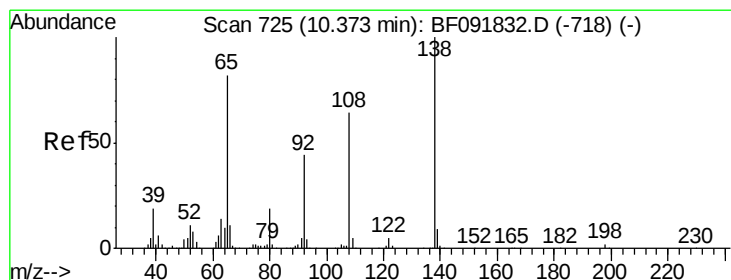
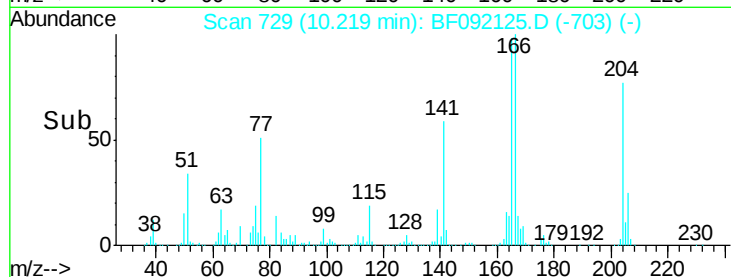
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.8	38.6
141	76.8	59.4	89.0

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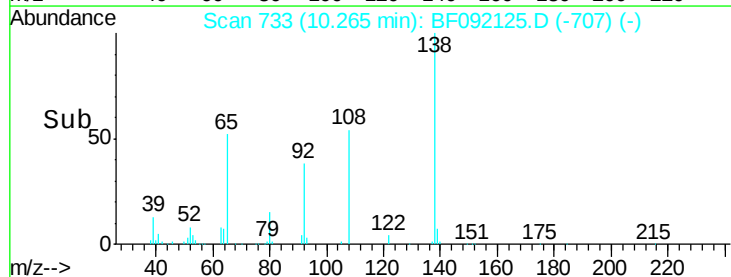
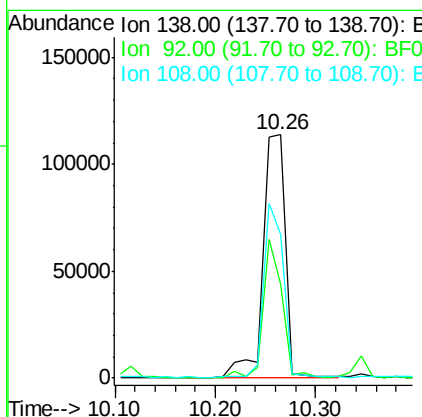
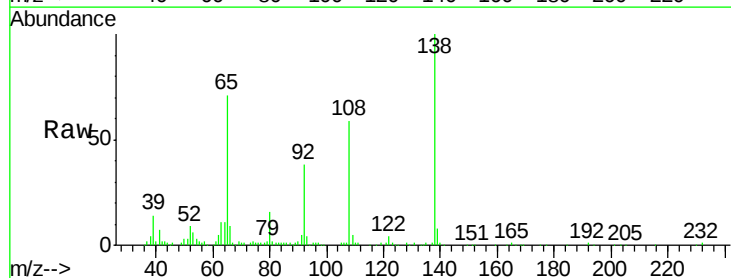


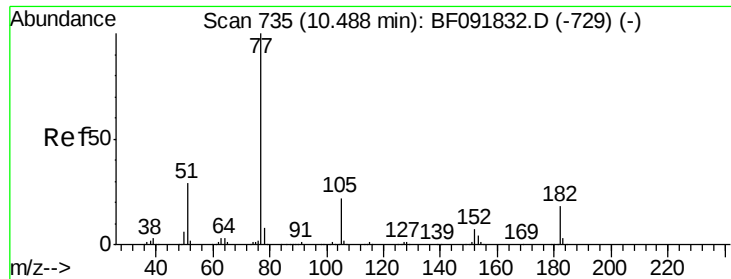
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#61
4-Nitroaniline
Concen: 30.69 ng
RT: 10.26 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	38.5	31.7	71.7
108	59.1	52.6	92.6





#62

Azobenzene

Concen: 44.62 ng

RT: 10.38 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		972672		
182	19.3	0.0	39.3		
105	23.0	2.3	42.3		
51	27.0	8.9	48.9		

Instrument :

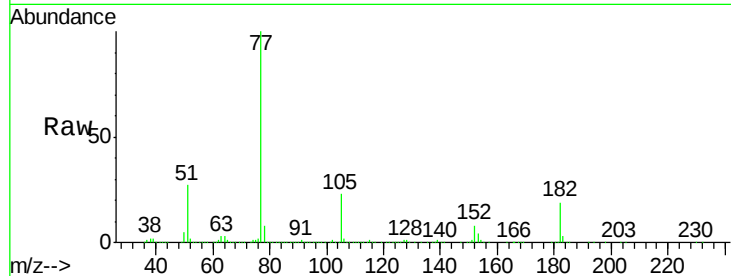
BNA_F

ClientSampleId :

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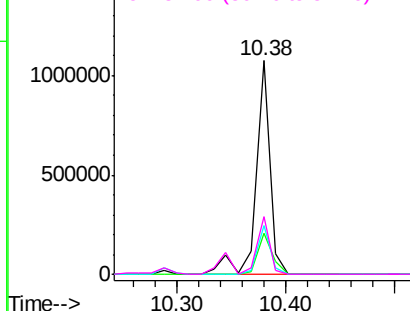


Abundance Ion 77.00 (76.70 to 77.70): BF0

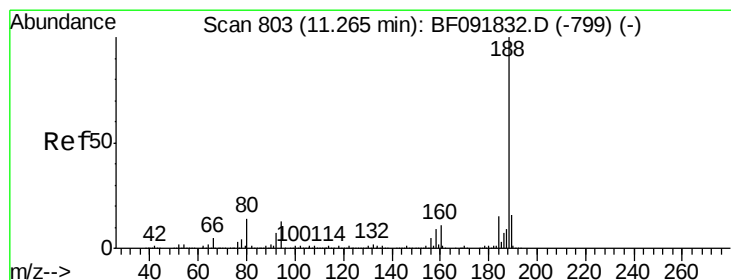
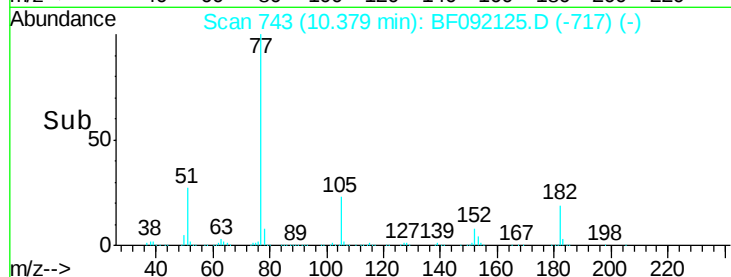
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



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#63

Phenanthrene-d10

Concen: 20.00 ng

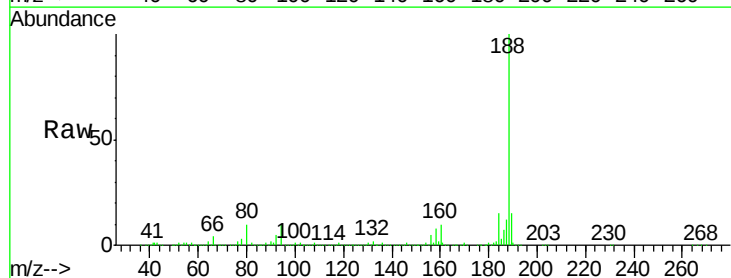
RT: 11.16 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

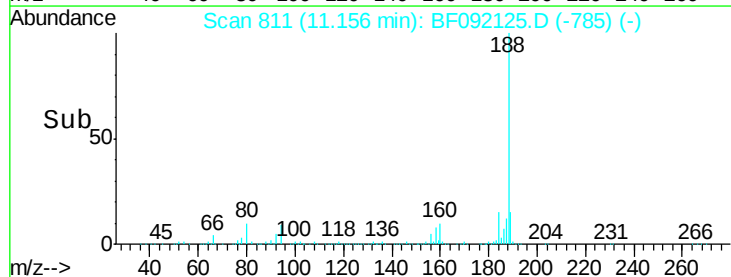
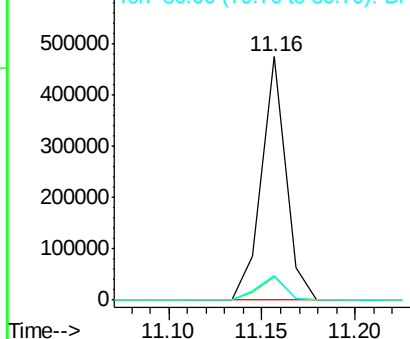
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		429746		
94	9.7	10.0	15.0#		
80	10.4	11.2	16.8#		

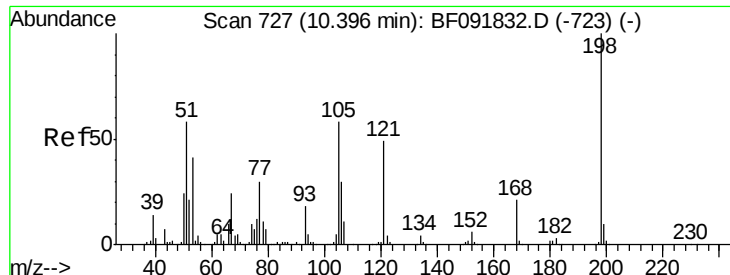


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





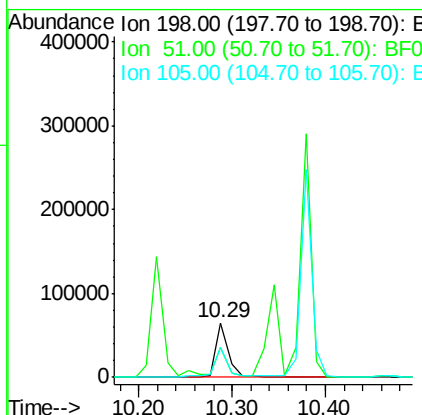
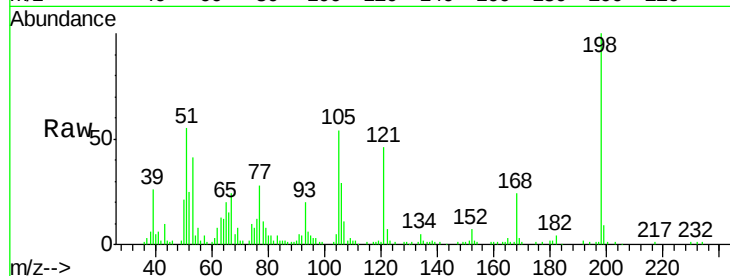
#64
4,6-Dinitro-2-methylphenol
Concen: 24.14 ng
RT: 10.29 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MS

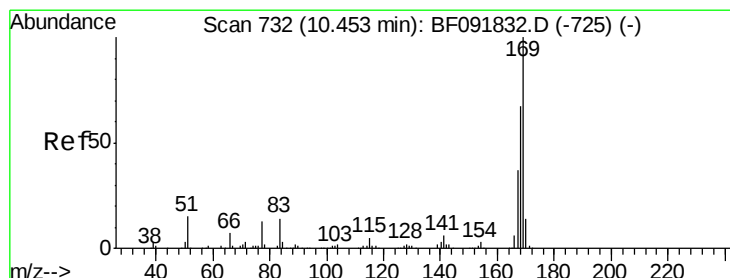
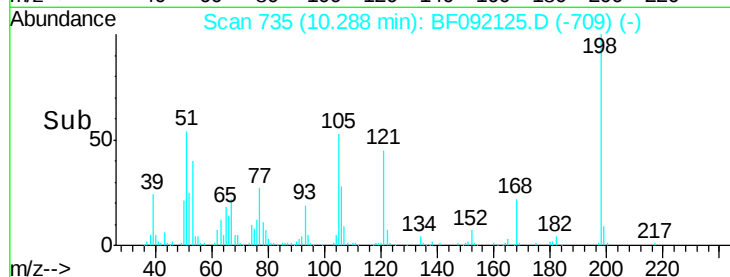
Tot Ion	Ratio	Lower	Upper
198	100		
51	54.8	6.7	46.7#
105	53.8	16.6	56.6

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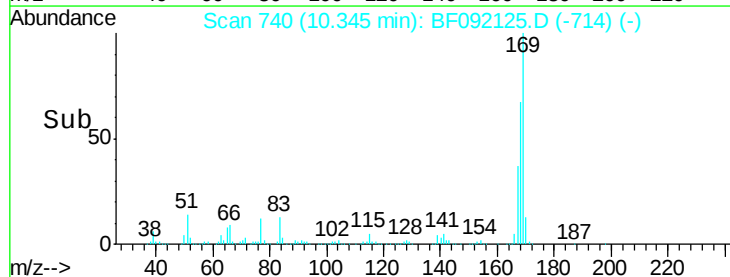
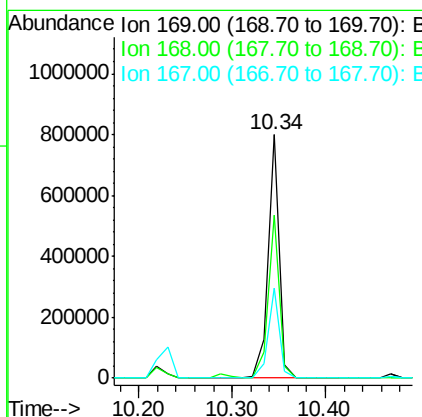
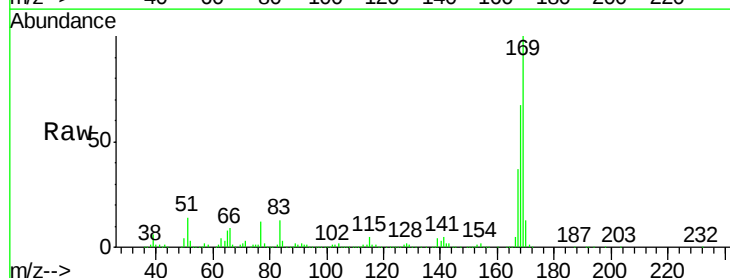


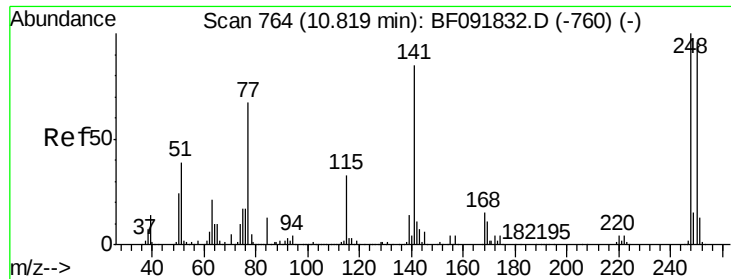
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#65
n-Nitrosodiphenylamine
Concen: 52.94 ng
RT: 10.34 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.2	81.2
167	36.8	30.2	45.4





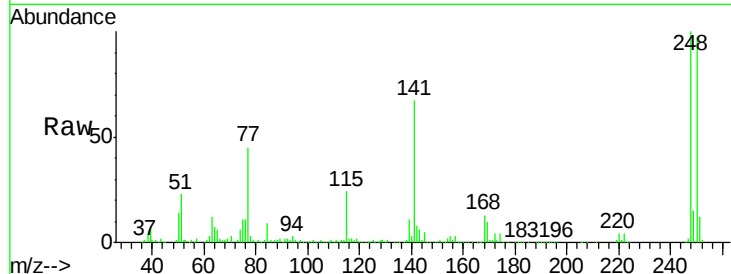
#66
4-Bromophenyl-phenylether
Concen: 52.22 ng
RT: 10.71 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MS

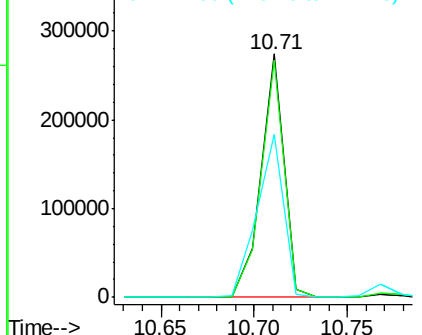
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.9	115.3
141	66.8	68.2	102.4

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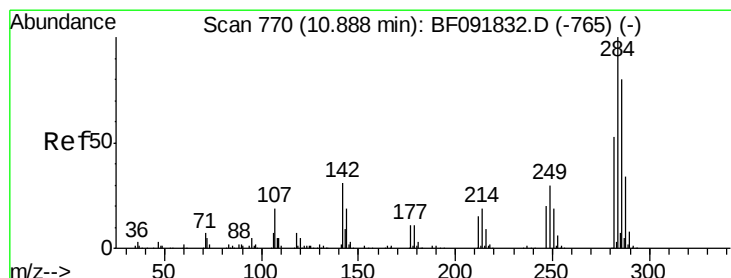
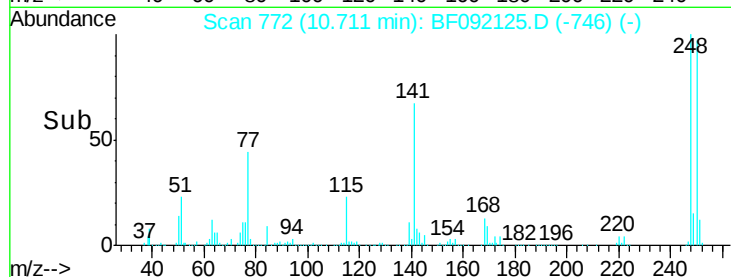
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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

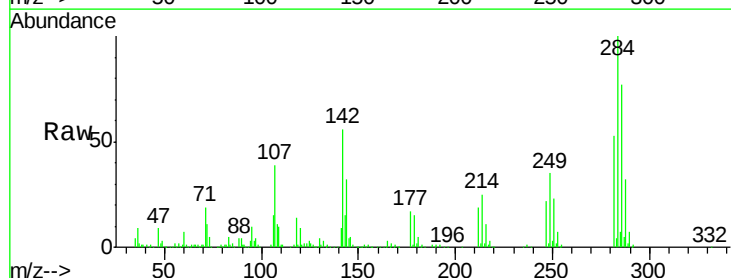


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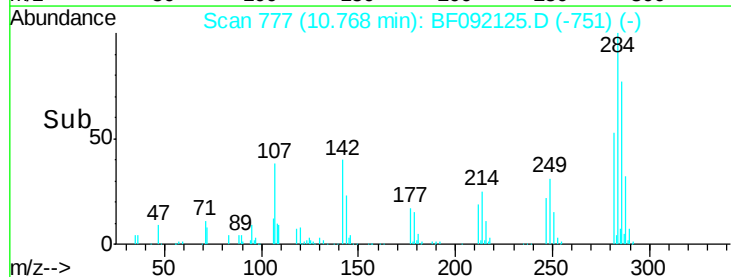
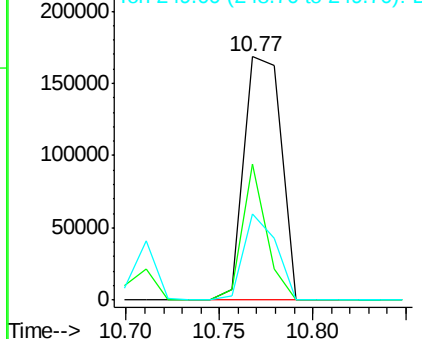


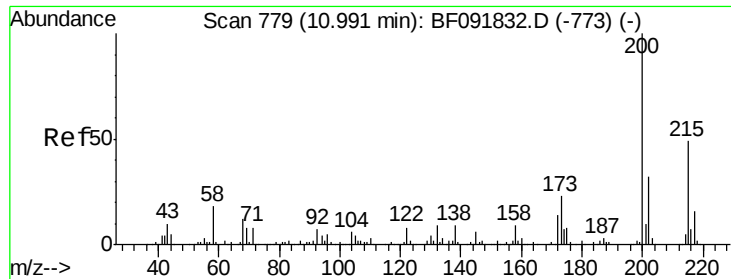
#67
Hexachlorobenzene
Concen: 48.56 ng
RT: 10.77 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	55.7	22.6	33.8
249	35.4	25.4	38.0



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





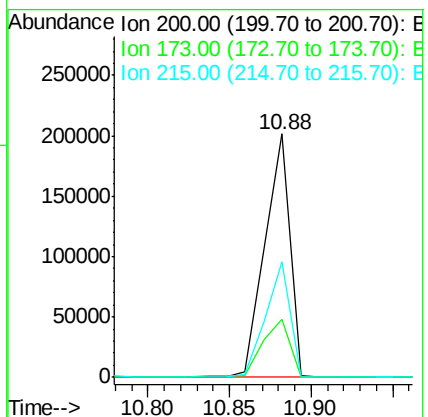
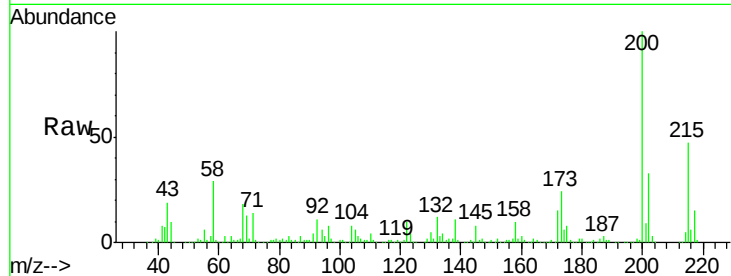
#68
Atrazine
Concen: 52.30 ng
RT: 10.88 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MS

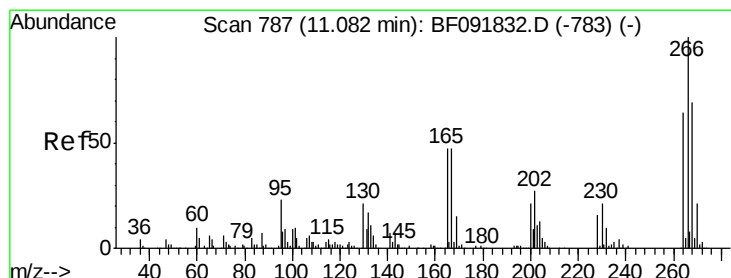
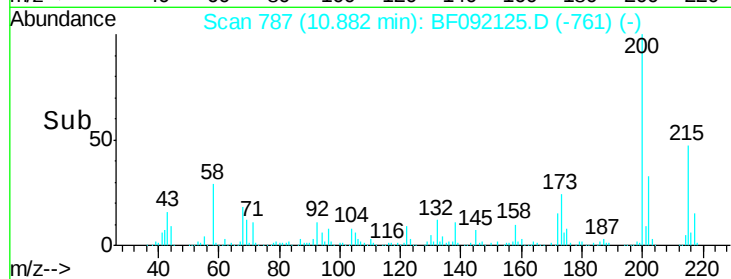
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.8	9.6	49.6
215	47.4	25.7	65.7

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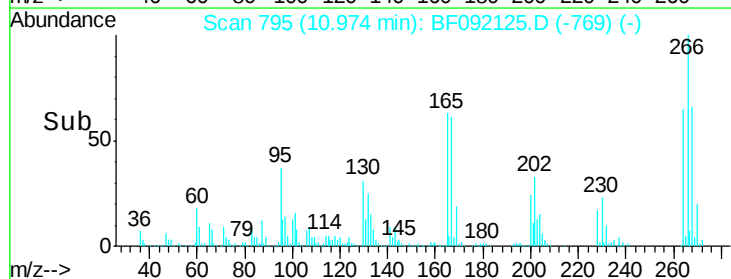
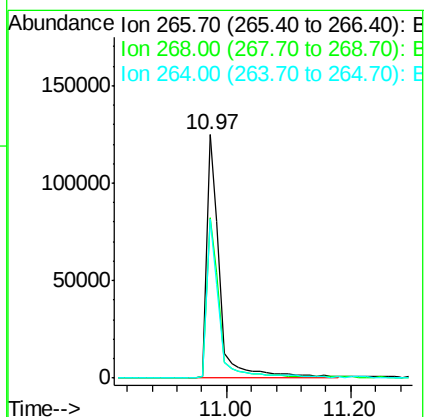
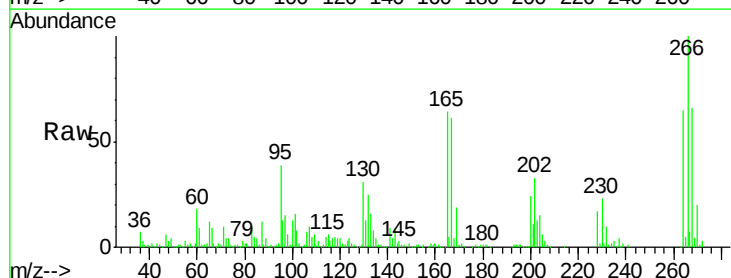


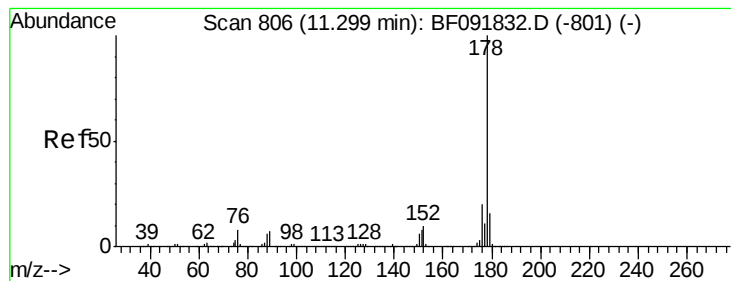
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#69
Pentachlorophenol
Concen: 76.09 ng
RT: 10.97 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.6	53.3	79.9
264	65.4	50.3	75.5





#70

Phenanthrene

Concen: 44.12 ng

RT: 11.18 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:178 Resp: 1028033

Ion Ratio Lower Upper

178 100

176 19.8 16.6 25.0

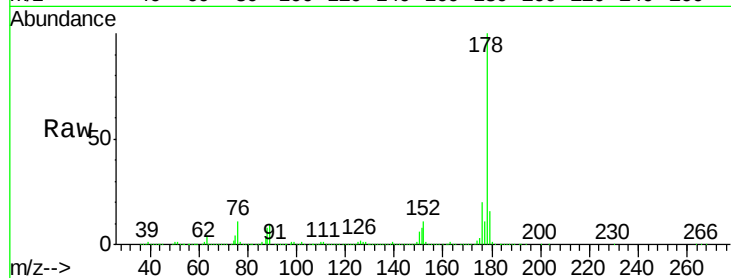
179 16.0 12.8 19.2

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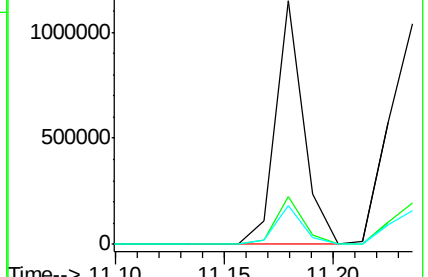
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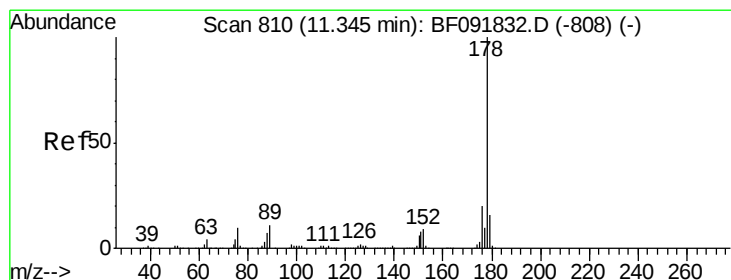
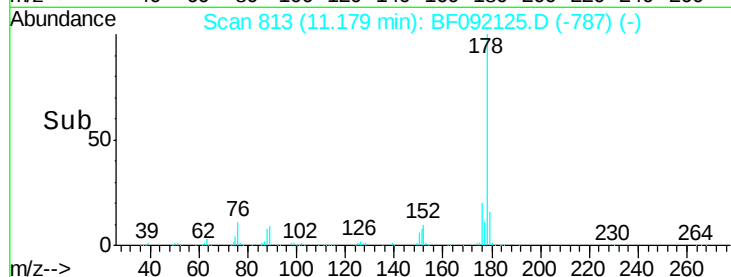
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



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#71

Anthracene

Concen: 63.26 ng

RT: 11.24 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

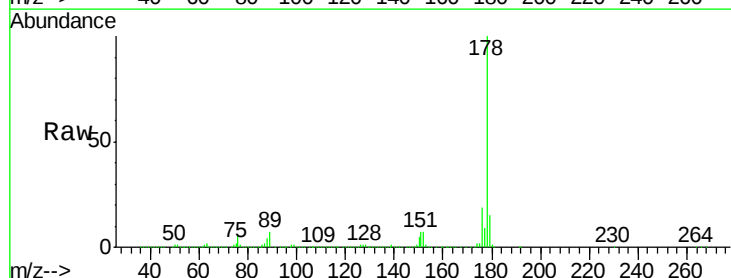
Tgt Ion:178 Resp: 1127348

Ion Ratio Lower Upper

178 100

176 18.7 15.9 23.9

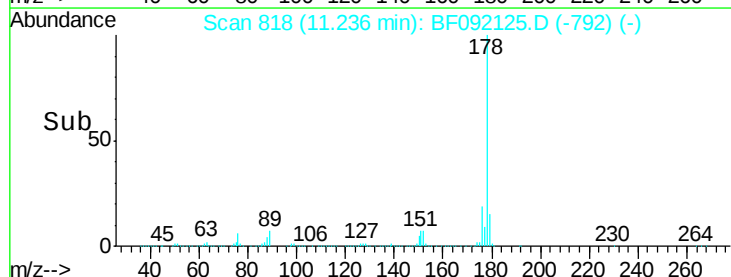
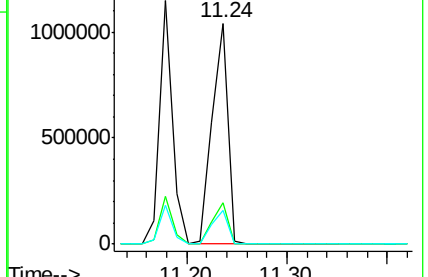
179 15.3 13.2 19.8

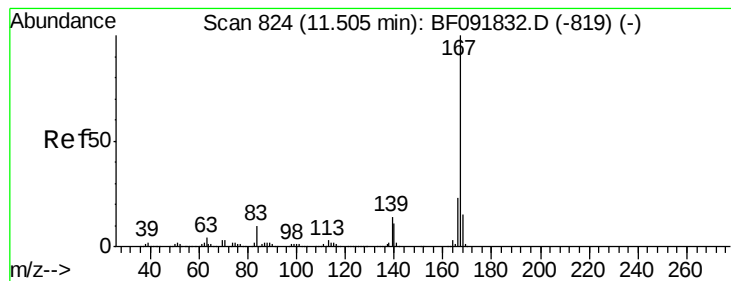


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





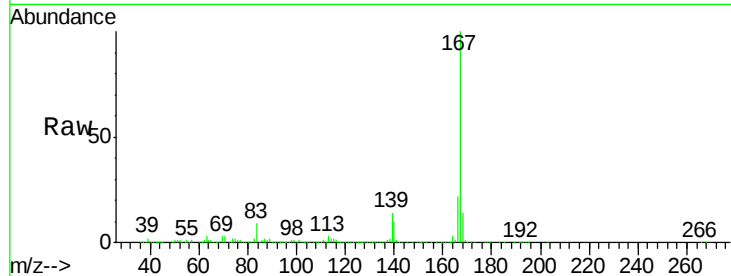
#72
 Carbazole
 Concen: 57.09 ng
 RT: 11.40 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF092125.D
 Acq: 6 Jan 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.2
139	13.5	11.4	17.2

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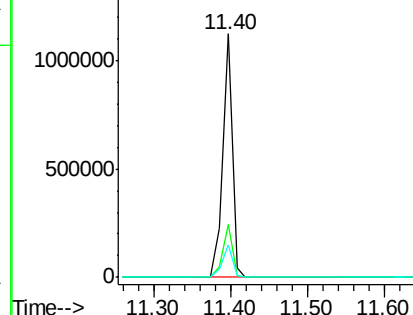
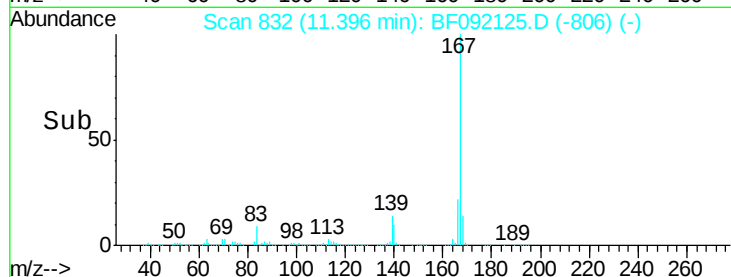


Abundance

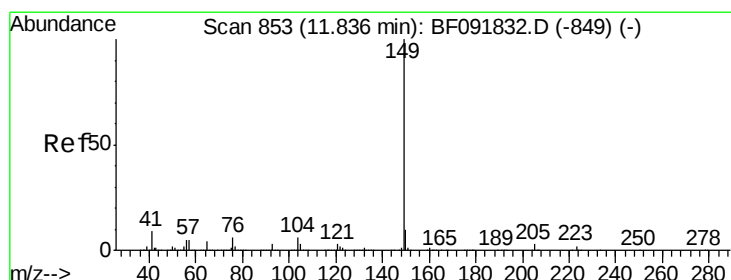
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

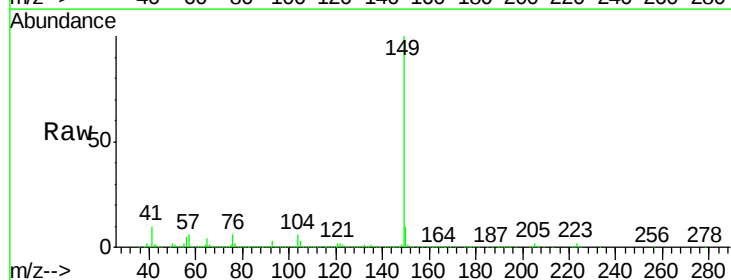


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#73
 Di-n-butylphthalate
 Concen: 54.31 ng
 RT: 11.73 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF092125.D
 Acq: 6 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	5.6	4.6	7.0

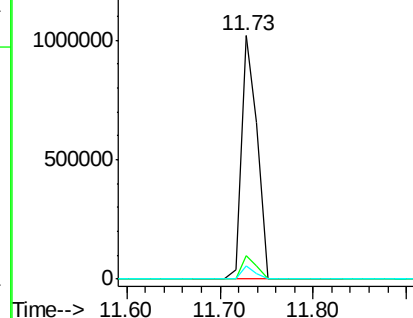
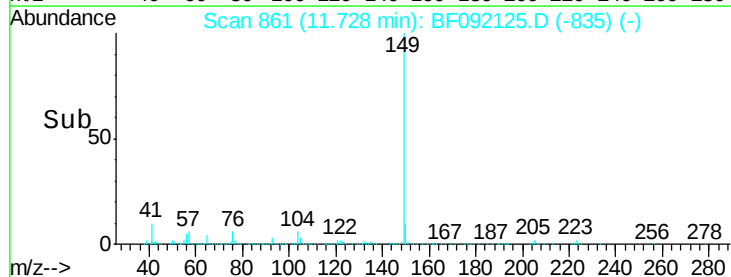


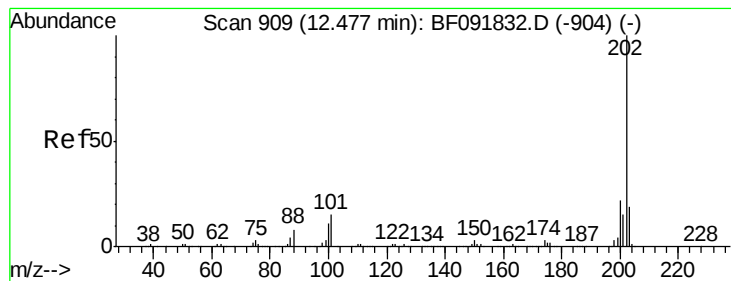
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 53.80 ng

RT: 12.37 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Instrument :

BNA_F

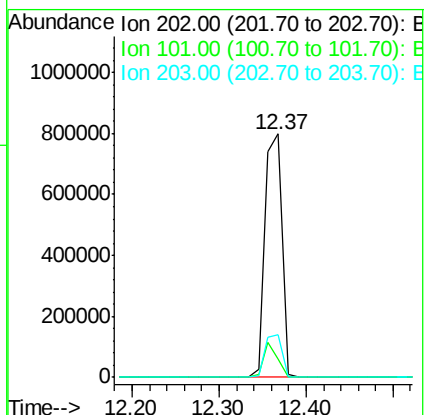
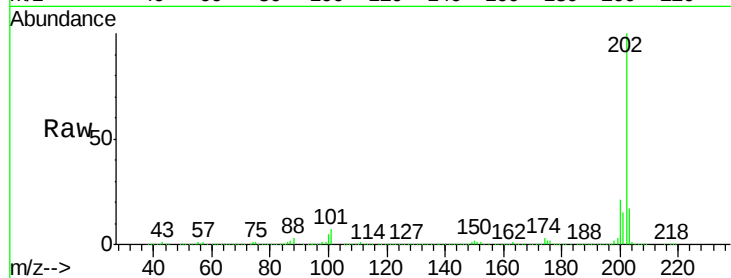
ClientSampleId :

TP7-8-COMP10MS

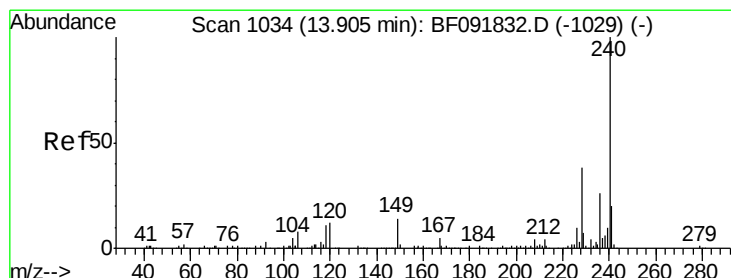
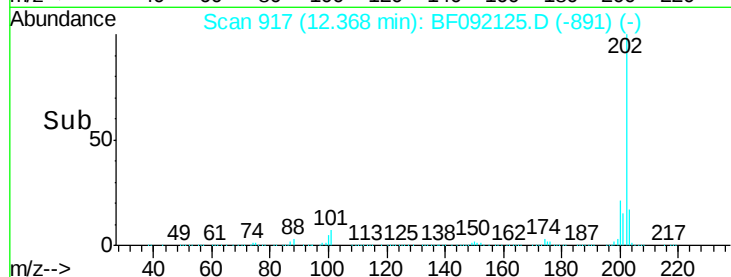
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	7.4	0.0	34.6		
203	17.3	0.0	38.7		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

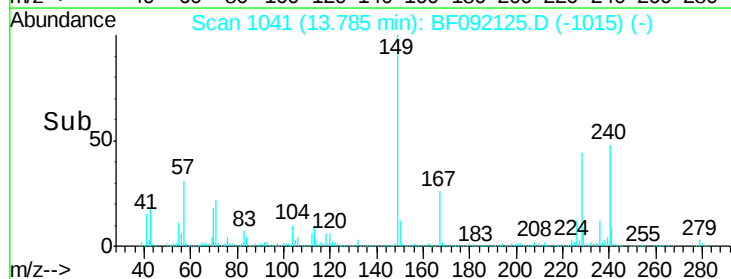
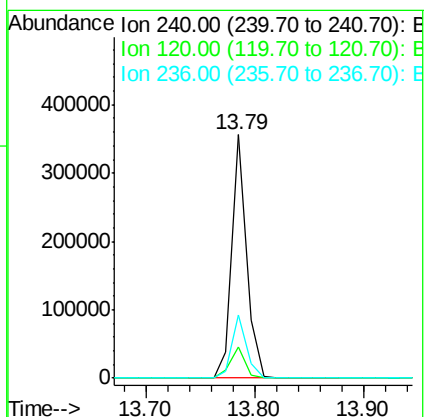
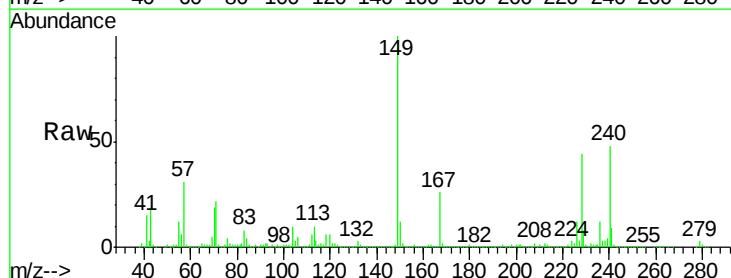
RT: 13.79 min Scan# 1041

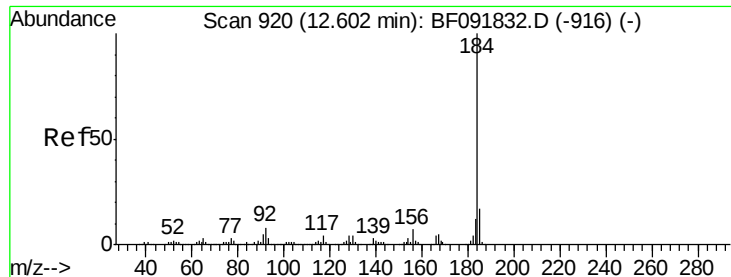
Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	12.8	12.9	19.3#		
236	25.8	20.9	31.3		





#76

Benzidine

Concen: 46.14 ng

RT: 12.49 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Instrument :

BNA_F

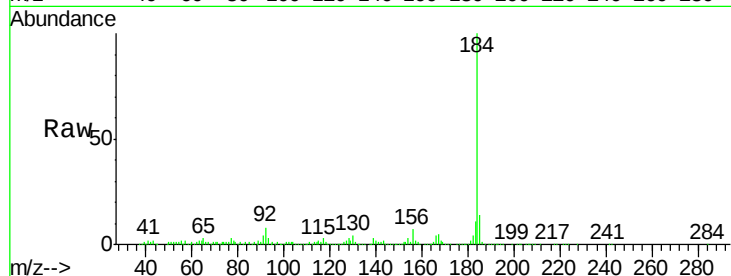
ClientSampleId :

TP7-8-COMP10MS

Tot Ion:	184	Resp:	391775
Ion Ratio	Lower	Upper	
184	100		
185	14.3	13.4	20.0
183	11.1	9.2	13.8

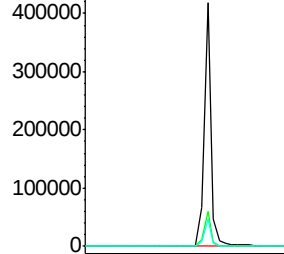
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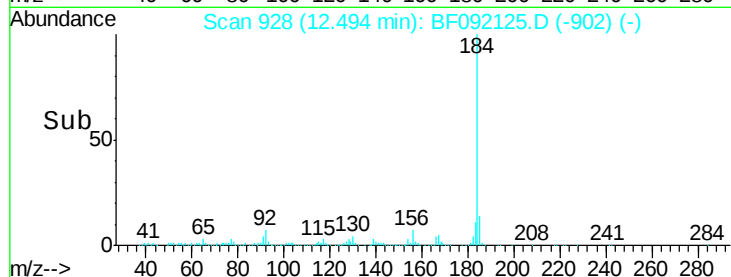


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

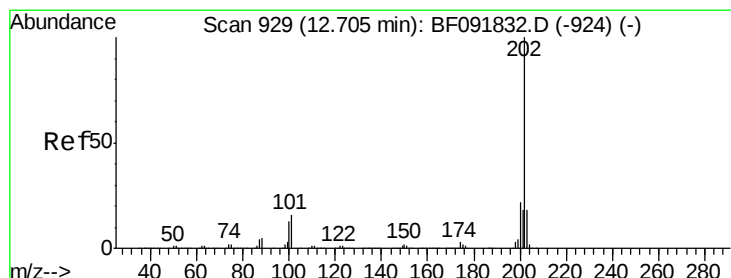
12.49



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Time-->



#77

Pyrene

Concen: 43.47 ng

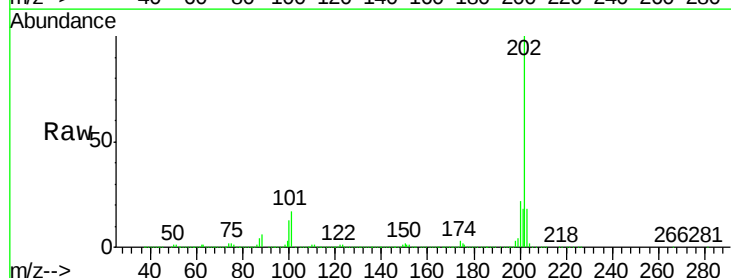
RT: 12.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF092125.D

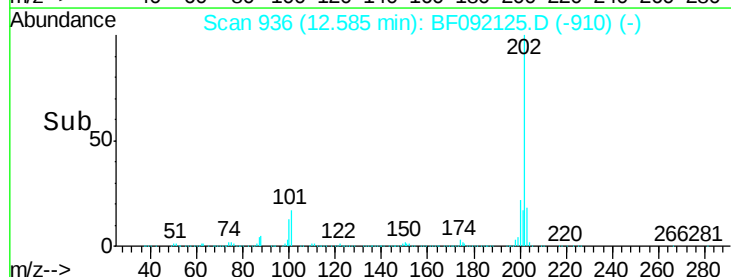
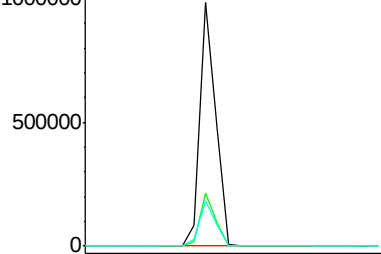
Acq: 6 Jan 2017 19:03

Tgt Ion:	202	Resp:	1070134
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.7	26.5
203	18.4	14.7	22.1

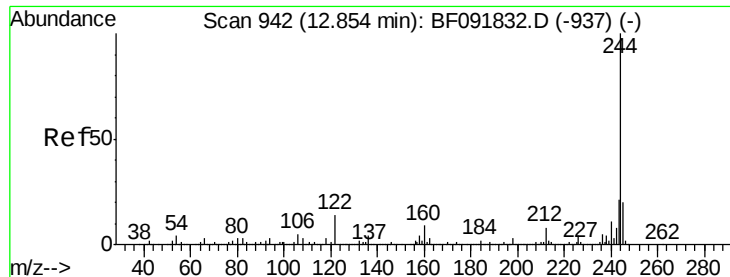


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

12.59



Time-->



#78

Terphenyl-d14

Concen: 77.31 ng

RT: 12.75 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MS

Tot Ion:244 Resp: 1069582

Ion Ratio Lower Upper

244 100

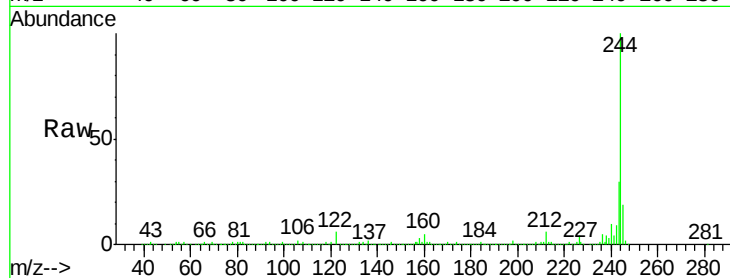
212 5.8 6.2 9.2#

122 5.7 11.4 17.2#

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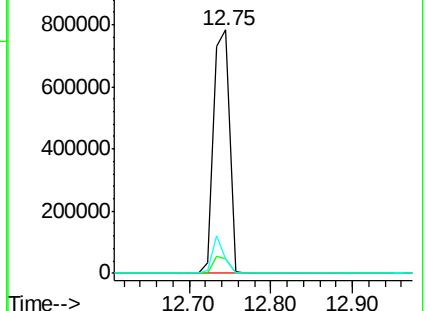
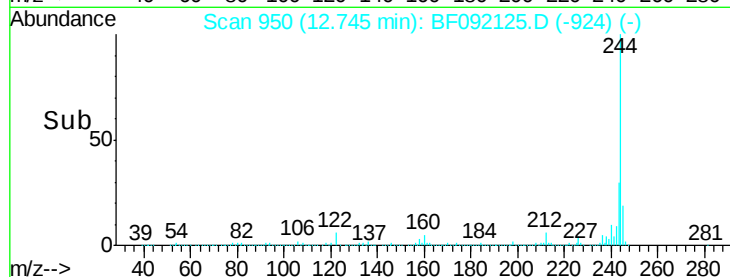
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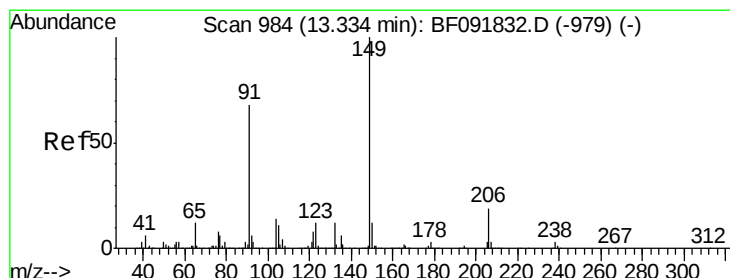
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



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#79

Butylbenzylphthalate

Concen: 47.06 ng

RT: 13.23 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

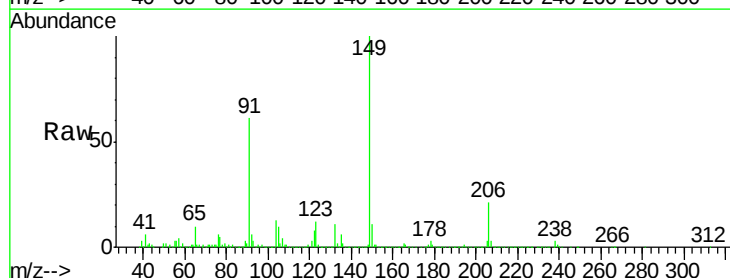
Tgt Ion:149 Resp: 526877

Ion Ratio Lower Upper

149 100

91 61.1 63.9 95.9#

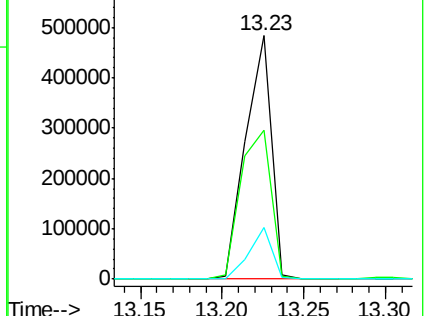
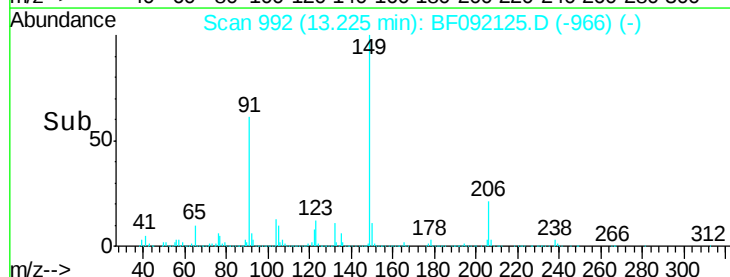
206 21.4 14.6 21.8

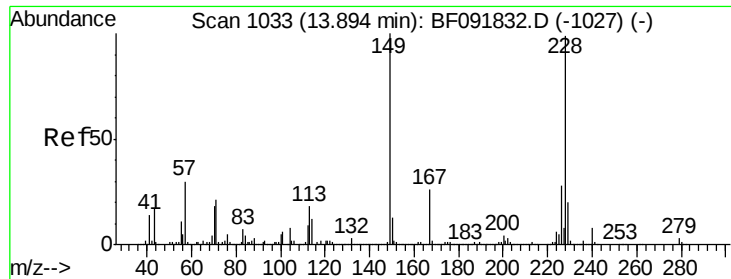


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





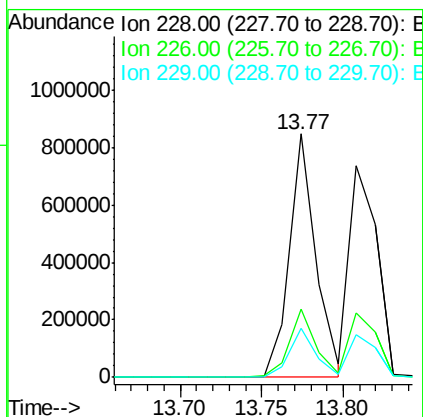
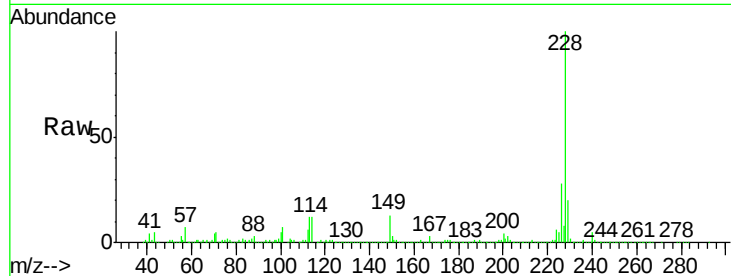
#80
Benzo(a)anthracene
Concen: 50.87 ng
RT: 13.77 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MS

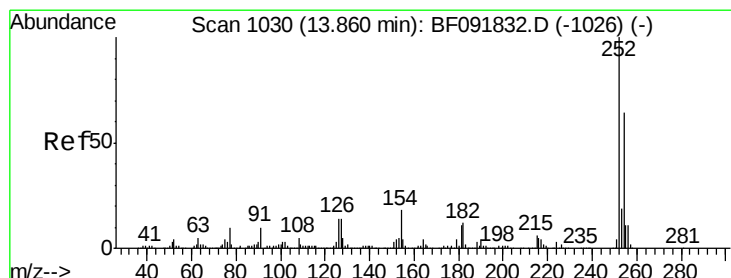
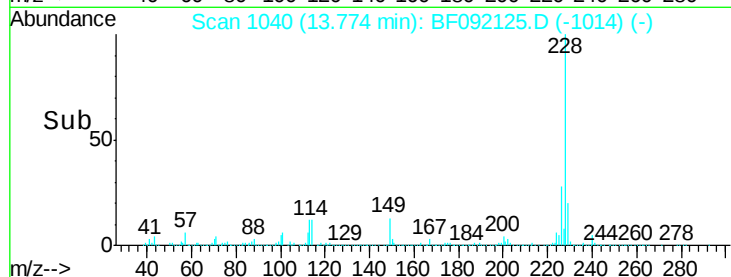
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.4	33.6
229	20.4	16.2	24.4

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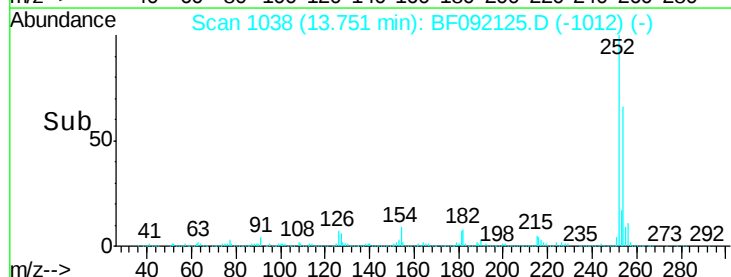
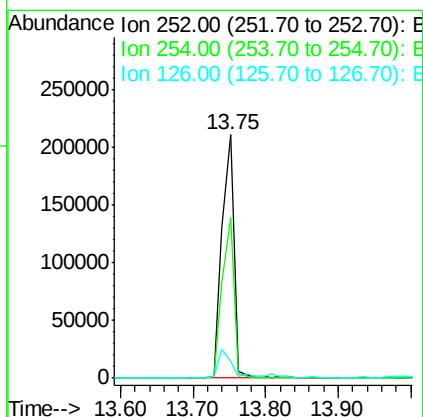
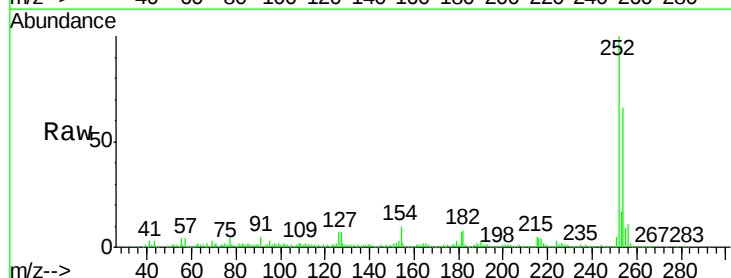


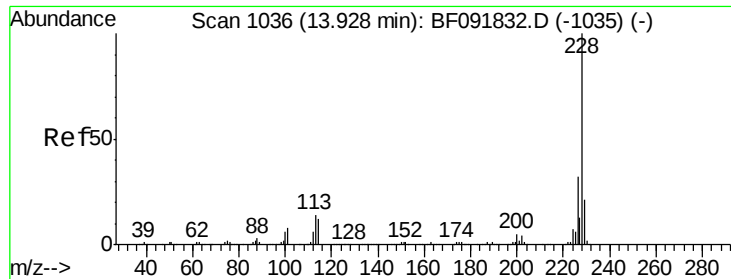
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#81
3,3'-Dichlorobenzidine
Concen: 34.33 ng
RT: 13.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.3	78.5
126	6.9	13.6	20.4





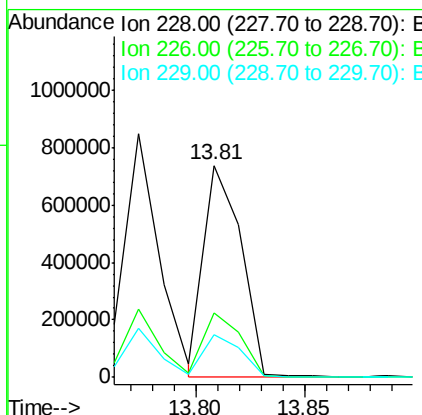
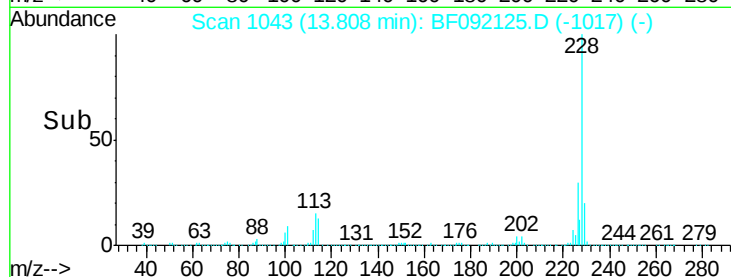
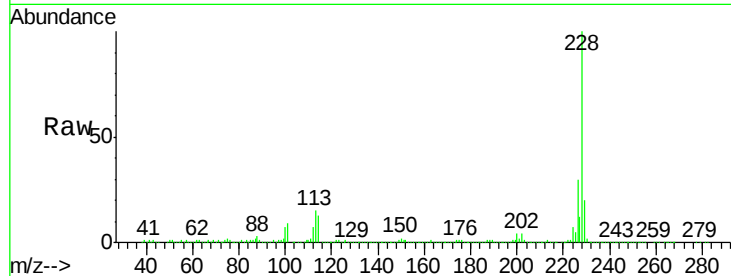
#82
Chrysene
Concen: 46.19 ng
RT: 13.81 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MS

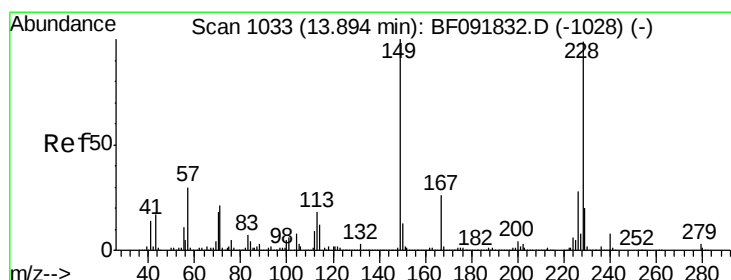
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.0
229	20.3	16.2	24.2

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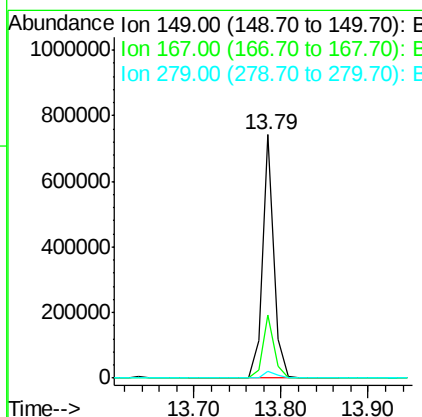
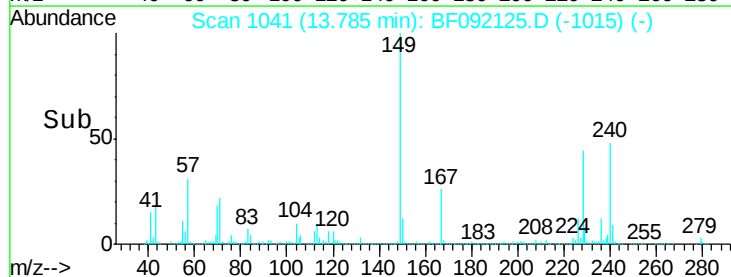
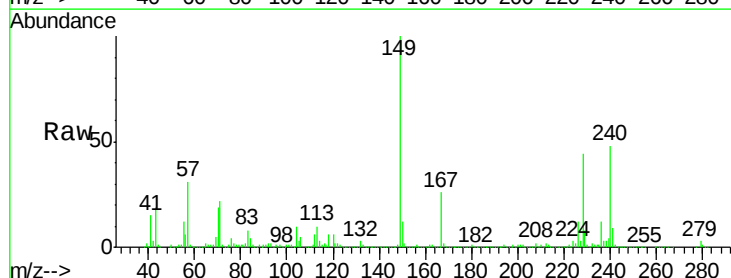


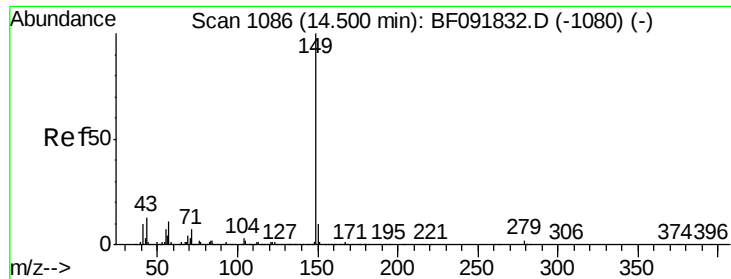
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#83
Bis(2-ethylhexyl)phthalate
Concen: 51.13 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.2	30.4
279	2.8	1.8	2.8#





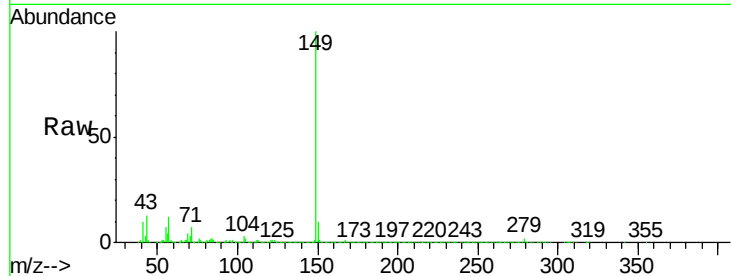
#84
Di-n-octyl phthalate
Concen: 51.32 ng
RT: 14.39 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.8	8.9	13.3

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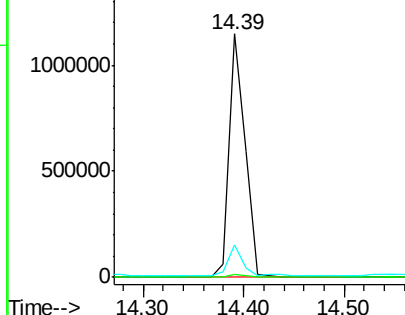


Abundance

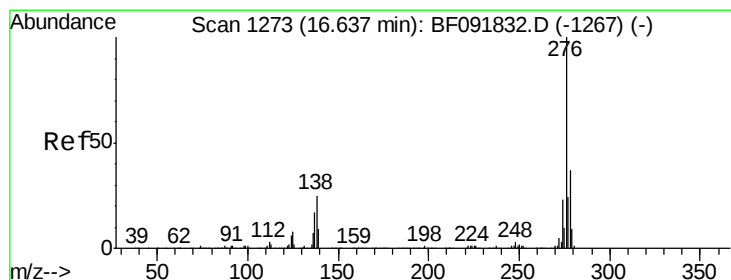
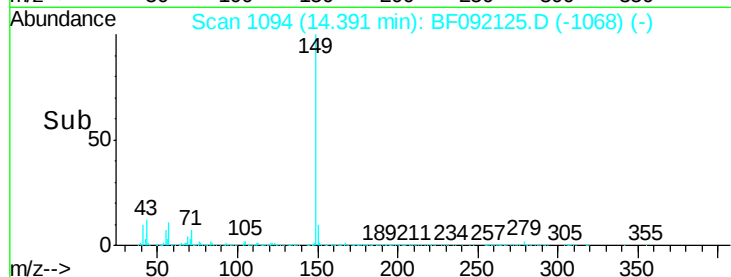
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

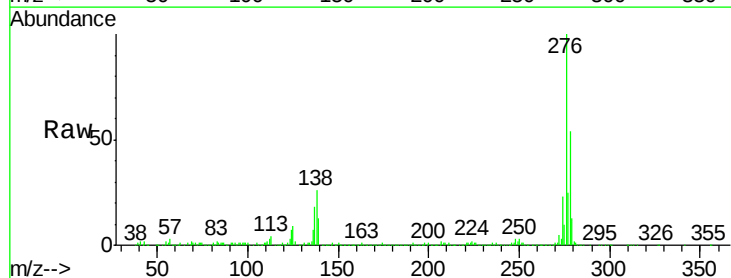


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#85
Indeno(1,2,3-cd)pyrene
Concen: 53.12 ng
RT: 16.43 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.8	32.6
277	25.3	20.2	30.4

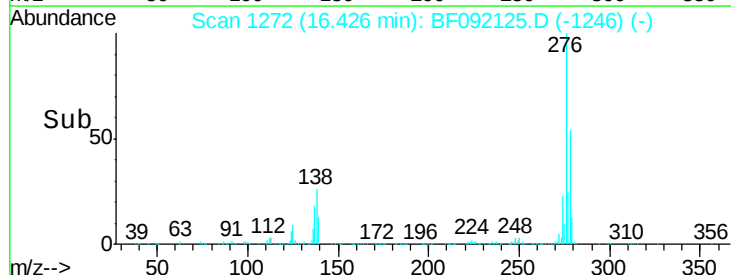
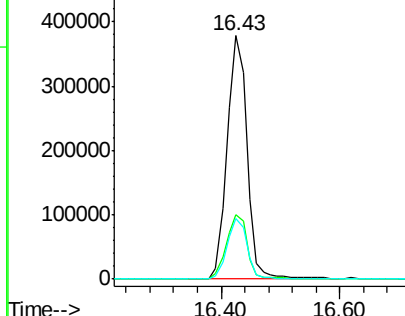


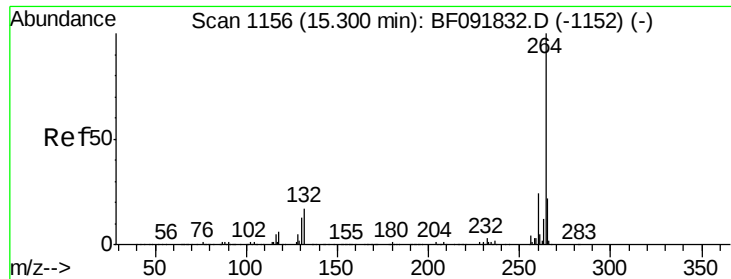
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





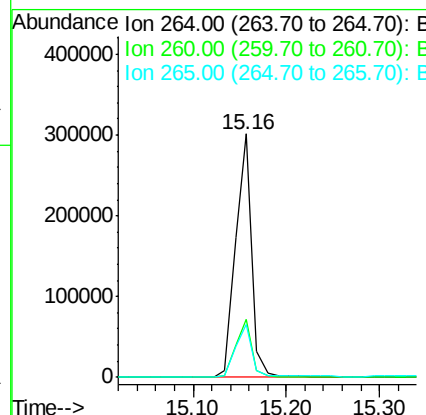
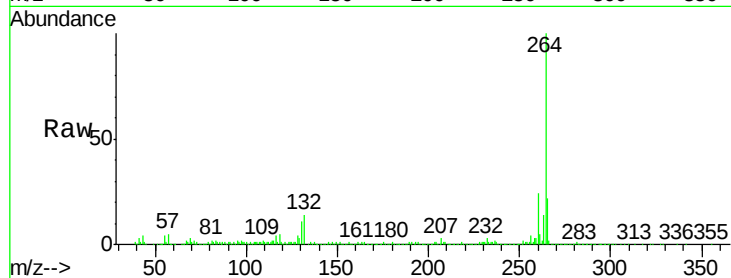
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MS

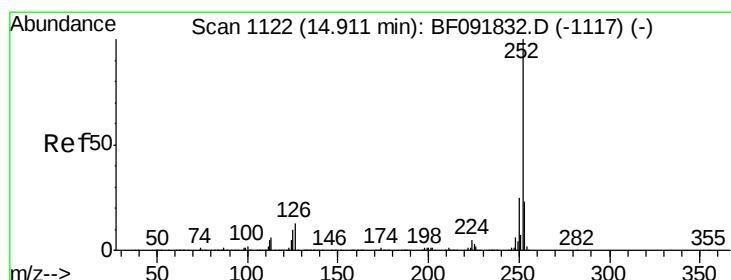
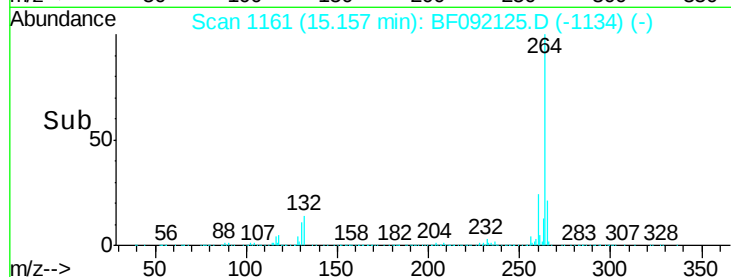
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.4	26.0

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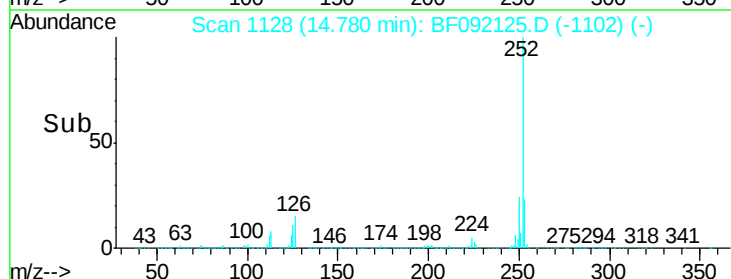
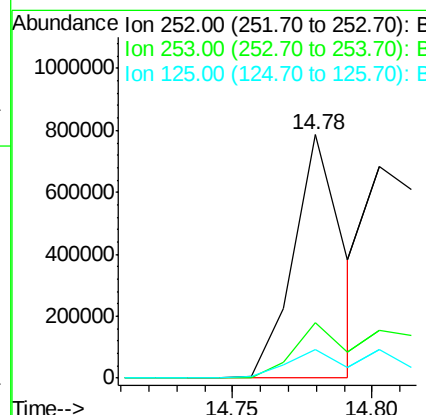
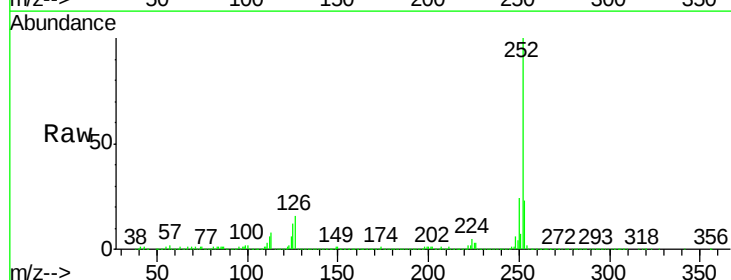


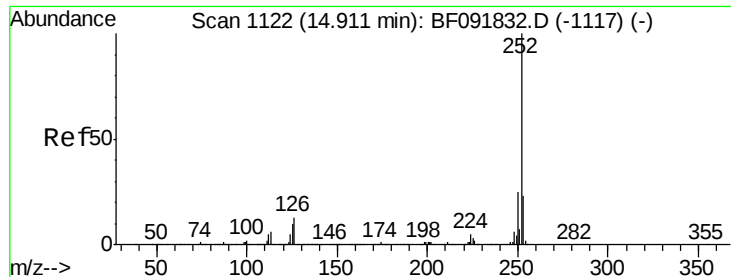
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#87
Benzo(b)fluoranthene
Concen: 42.79 ng m
RT: 14.78 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	11.8	9.8	14.6





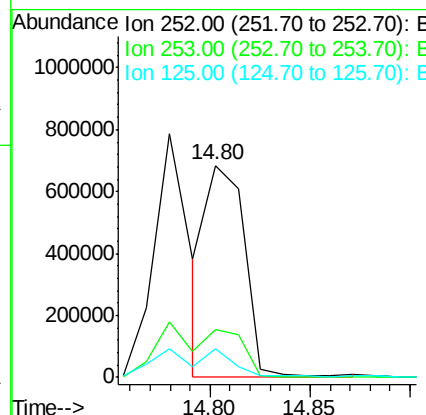
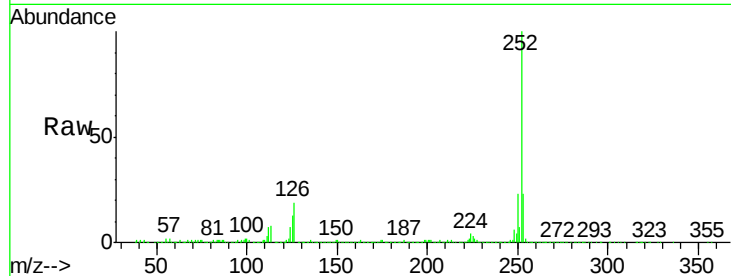
#88
Benzo(k)fluoranthene
Concen: 48.47 ng m
RT: 14.80 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MS

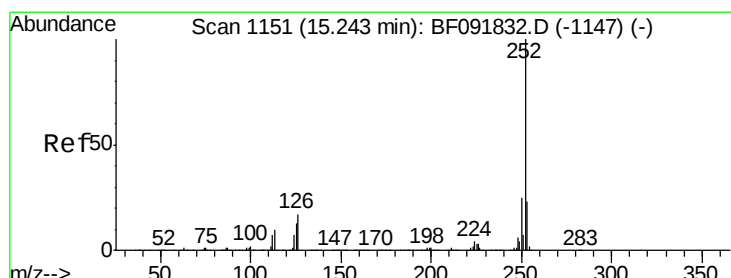
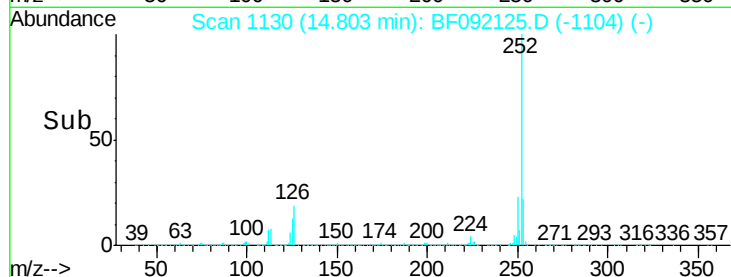
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	13.3	8.9	13.3

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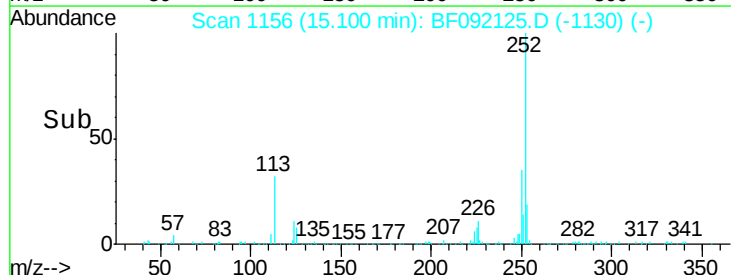
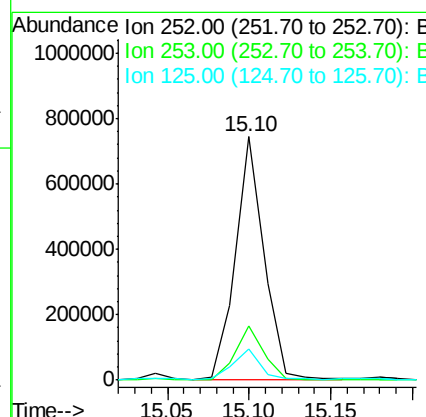
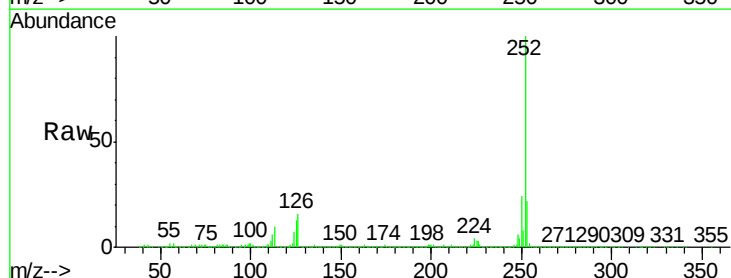


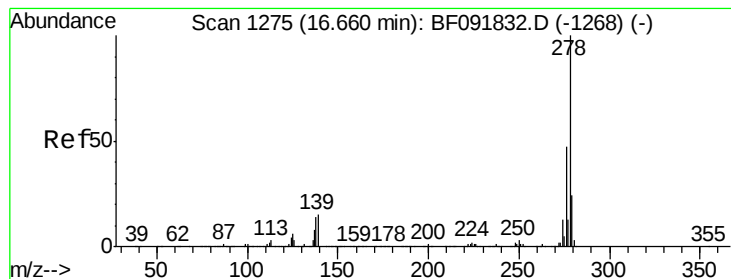
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#89
Benzo(a)pyrene
Concen: 44.91 ng
RT: 15.10 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF092125.D
Acq: 6 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	12.9	10.0	15.0





#90

Dibenzo(a,h)anthracene

Concen: 43.46 ng

RT: 16.44 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Instrument :

BNA_F

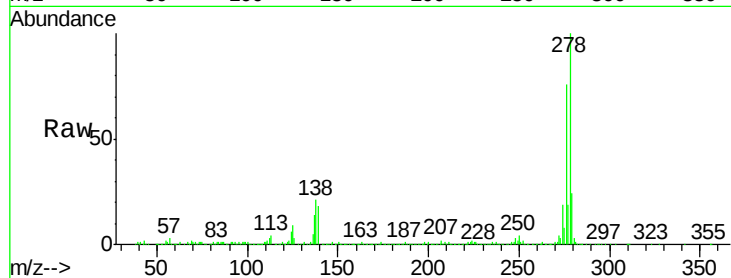
ClientSampleId :

TP7-8-COMP10MS

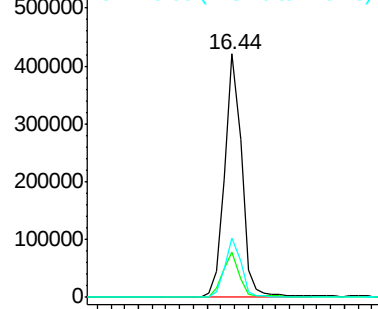
Tot Ion:	278	Resp:	710250
Ion Ratio		Lower	Upper
278	100		
139	18.5	14.8	22.2
279	24.5	19.8	29.6

Manual Integrations
APPROVED

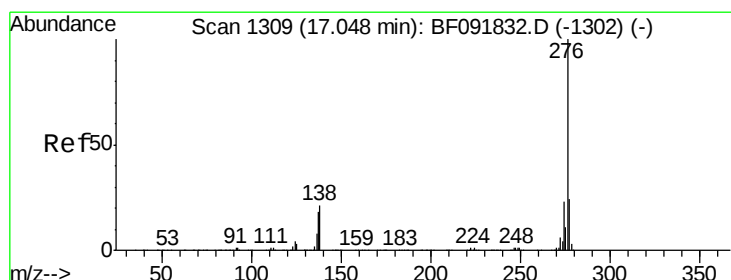
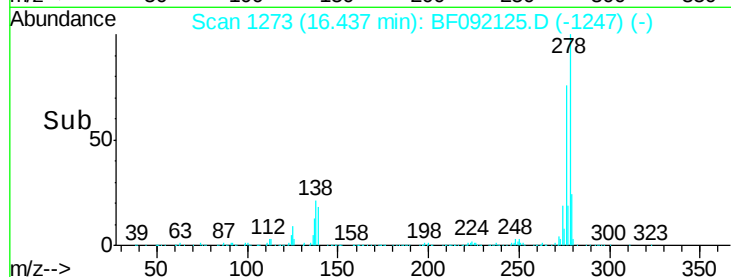
Sohil
1/9/2017 10:48:05 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



1/9/2017 10:48:05 AM



#91

Benzo(g,h,i)perylene

Concen: 42.98 ng

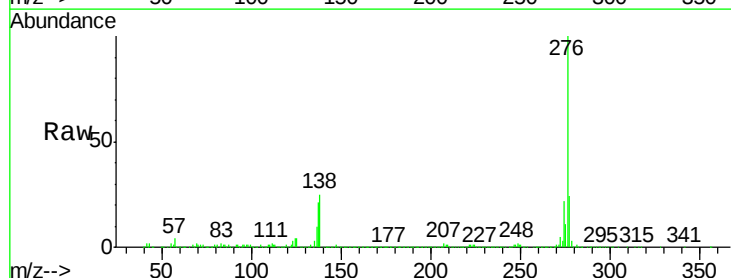
RT: 16.80 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF092125.D

Acq: 6 Jan 2017 19:03

Tgt Ion:	276	Resp:	730332
Ion Ratio		Lower	Upper
276	100		
277	23.6	19.2	28.8
138	24.5	16.0	24.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

