

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
 Data File : BF092126.D
 Acq On : 6 Jan 2017 19:31
 Operator : UM/SJ
 Sample : I1025-03MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

Manual Integrations
 APPROVED

Sohil
 1/9/2017 10:48:08 AM

Quant Time: Jan 06 23:18:44 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 10:48:08 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	160289	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	644857	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	279791	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	377039	20.00	ng	0.00
75) Chrysene-d12	13.79	240	307377	20.00	ng	0.00
86) Perylene-d12	15.16	264	327893	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1862778	194.05	ng	0.03
7) Phenol-d6	6.33	99	1978700	168.83	ng	0.02
23) Nitrobenzene-d5	7.22	82	1514153	130.57	ng	0.01
41) 2,4,6-Tribromophenol	10.47	330	285374	123.25	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1463389	111.13	ng	0.00
78) Terphenyl-d14	12.75	244	1092710	86.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	290058	61.37	ng	97
3) Pyridine	2.80	79	924368	56.04	ng	95
4) n-Nitrosodimethylamine	2.76	42	393100	63.18	ng	99
6) Aniline	6.31	93	323082	21.22	ng	# 44
8) 2-Chlorophenol	6.45	128	643460	58.93	ng	89
9) Benzaldehyde	6.18	77	65665	7.45	ng	99
10) Phenol	6.34	94	971863	72.77	ng	# 68
11) bis(2-Chloroethyl)ether	6.39	93	632120	59.48	ng	98
12) 1,3-Dichlorobenzene	6.58	146	646630	55.47	ng	# 93
13) 1,4-Dichlorobenzene	6.66	146	600904	50.64	ng	95
14) 1,2-Dichlorobenzene	6.81	146	626088	60.81	ng	97
15) Benzyl Alcohol	6.81	79	574114	63.04	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1132115	71.54	ng	74
17) 2-Methylphenol	6.95	107	573319	65.28	ng	97
18) Hexachloroethane	7.16	117	288650	65.62	ng	98
19) n-Nitroso-di-n-propylamine	7.08	70	567369	72.76	ng	98
20) 3+4-Methylphenols	7.11	107	789864	75.41	ng	# 70
22) Acetophenone	7.06	105	1049899	66.01	ng	# 92
24) Nitrobenzene	7.24	77	678683	54.95	ng	98
25) Isophorone	7.49	82	1304486	60.97	ng	97
26) 2-Nitrophenol	7.56	139	321703	52.81	ng	95
27) 2,4-Dimethylphenol	7.62	122	468467	46.37	ng	93
28) bis(2-Chloroethoxy)methane	7.69	93	672053	51.80	ng	98
29) 2,4-Dichlorophenol	7.82	162	426765	49.89	ng	94
30) 1,2,4-Trichlorobenzene	7.88	180	495482	52.85	ng	95
31) Naphthalene	7.96	128	1689184	57.23	ng	99
33) 4-Chloroaniline	8.02	127	161186	12.11	ng	# 94
34) Hexachlorobutadiene	8.07	225	269162	54.39	ng	99
35) Caprolactam	8.38	113	132899	47.27	ng	# 58
36) 4-Chloro-3-methylphenol	8.53	107	393843	40.01	ng	99
37) 2-Methylnaphthalene	8.64	142	936366	58.85	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	448042	63.38	ng	99
40) Hexachlorocyclopentadiene	8.80	237	206281	66.24	ng	97
42) 2,4,6-Trichlorophenol	8.94	196	263410	53.28	ng	97

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	238219	46.82	nq	# 85
45) 1,1'-Biphenyl	9.11	154	1173307	61.25	nq	99
46) 2-Chloronaphthalene	9.13	162	897443	59.15	nq	98
47) 2-Nitroaniline	9.24	65	244952	45.35	nq	99
48) Acenaphthylene	9.54	152	1304275	55.90	nq	99
49) Dimethylphthalate	9.42	163	1123163	62.76	nq	99
50) 2,6-Dinitrotoluene	9.48	165	192158	49.06	nq	# 66
51) Acenaphthene	9.72	154	837256	52.93	nq	99
52) 3-Nitroaniline	9.65	138	152337	31.43	nq	92
53) 2,4-Dinitrophenol	9.76	184	15306	7.02	nq	# 74
54) Dibenzofuran	9.89	168	1130846	52.94	nq	97
55) 4-Nitrophenol	9.85	139	267141m	81.17	nq	
56) 2,4-Dinitrotoluene	9.88	165	238676	48.55	nq	# 69
57) Fluorene	10.23	166	831793	53.52	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	184503	45.85	nq	# 99
59) Diethylphthalate	10.12	149	897167	51.62	nq	98
60) 4-Chlorophenyl-phenylether	10.22	204	342957	50.40	nq	98
61) 4-Nitroaniline	10.26	138	184340	36.70	nq	76
62) Azobenzene	10.38	77	955397	49.93	nq	99
64) 4,6-Dinitro-2-methylphenol	10.29	198	57638	25.28	nq	# 65
65) n-Nitrosodiphenylamine	10.34	169	687660	61.46	nq	99
66) 4-Bromophenyl-phenylether	10.71	248	241121	61.48	nq	# 89
67) Hexachlorobenzene	10.78	284	238359	56.86	nq	# 83
68) Atrazine	10.88	200	220749	61.17	nq	96
69) Pentachlorophenol	10.97	266	192198	93.43	nq	98
70) Phenanthrene	11.18	178	1047165	51.22	nq	99
71) Anthracene	11.24	178	1166945	Below	Cal	98
72) Carbazole	11.40	167	1016260	Below	Cal	98
73) Di-n-butylphthalate	11.73	149	1210266	64.23	nq	99
74) Fluoranthene	12.37	202	1125806	64.42	nq	91
76) Benzidine	12.49	184	423680	57.70	nq	96
77) Pyrene	12.59	202	1104841	48.99	nq	99
79) Butylbenzylphthalate	13.23	149	557076	54.31	nq	# 81
80) Benzo(a)anthracene	13.77	228	1024271	59.03	nq	100
81) 3,3'-Dichlorobenzidine	13.75	252	256827	39.03	nq	# 95
82) Chrysene	13.81	228	895261	51.44	nq	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	714067	59.11	nq	98
84) Di-n-octyl phthalate	14.39	149	1315604	58.79	nq	98
85) Indeno(1,2,3-cd)pyrene	16.43	276	907397	60.18	nq	99
87) Benzo(b)fluoranthene	14.78	252	1013905m	49.67	nq	
88) Benzo(k)fluoranthene	14.80	252	964020m	55.38	nq	
89) Benzo(a)pyrene	15.10	252	941243	51.95	nq	99
90) Dibenzo(a,h)anthracene	16.44	278	734495	49.32	nq	99
91) Benzo(g,h,i)perylene	16.80	276	754328	48.71	nq	# 95

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

```
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ALS Vial  : 19 Sample Multiplier: 1
```

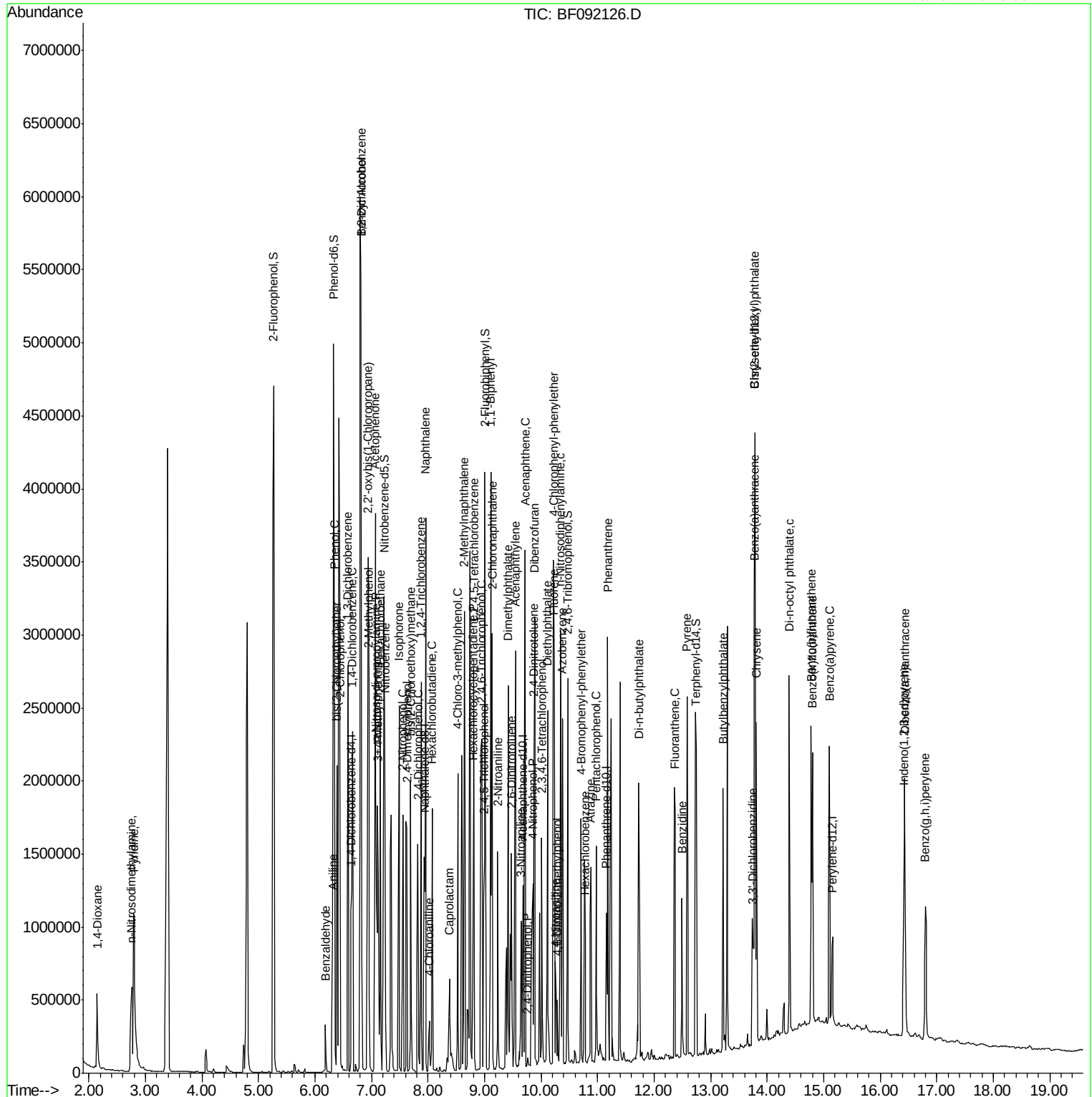
Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

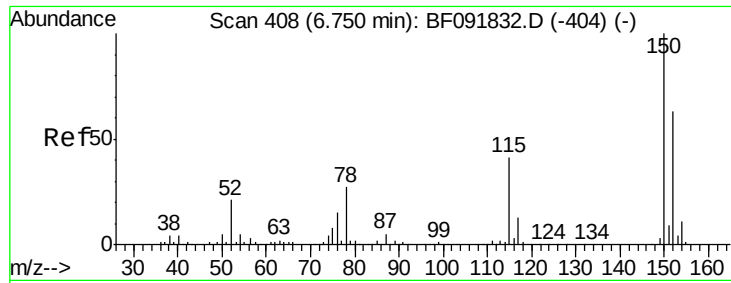
Manual Integrations

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#1

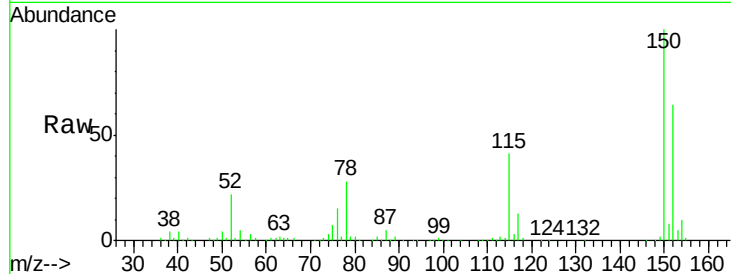
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.9	187.3
115	63.5	46.0	69.0

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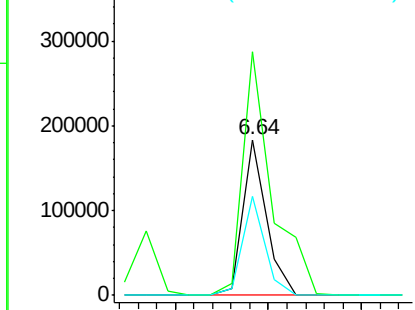


Abundance

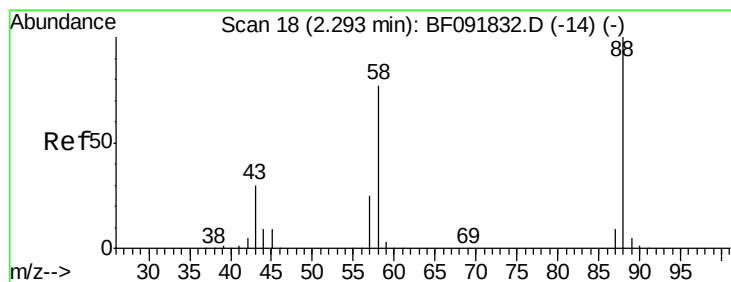
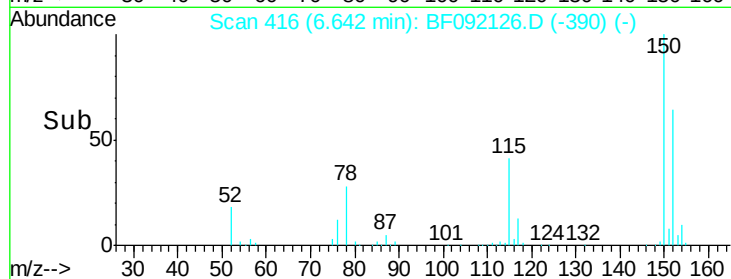
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



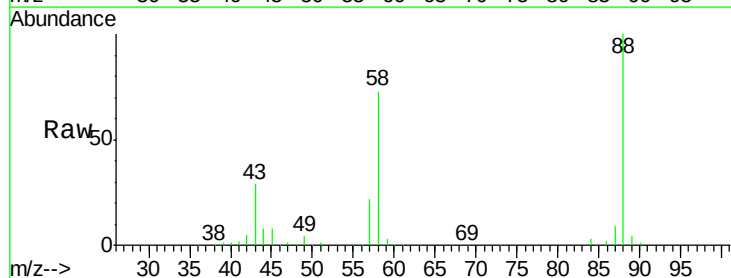
1/9/2017 10:48:08 AM



#2

1,4-Dioxane
Concen: 61.37 ng
RT: 2.15 min Scan# 23
Delta R.T. 0.07 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	57.8	86.8
43	32.0	22.3	33.5

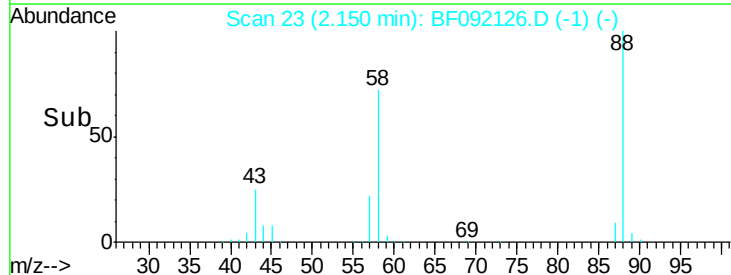
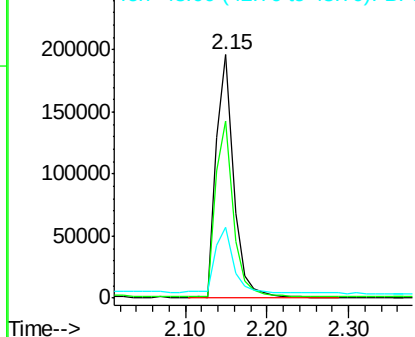


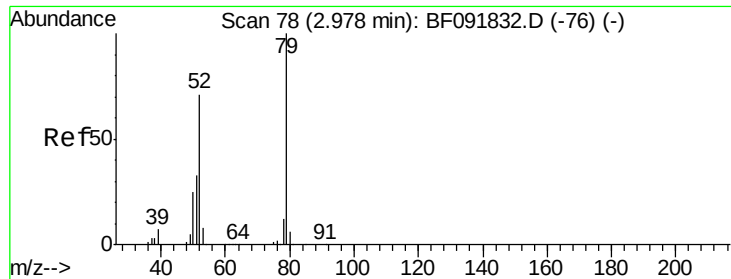
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 56.04 ng

RT: 2.80 min Scan# 80

Delta R.T. 0.07 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

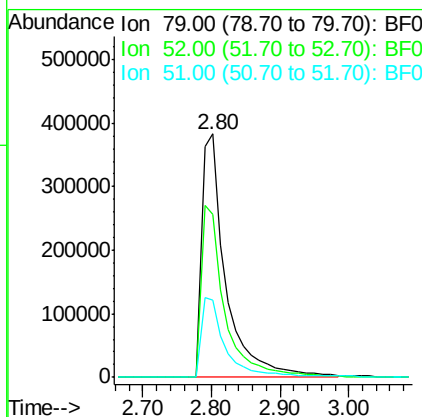
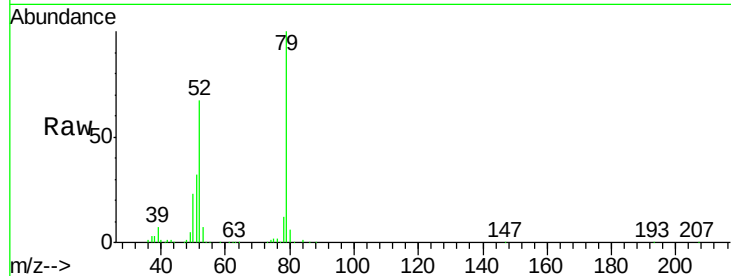
ClientSampleId :

TP7-8-COMP10MSD

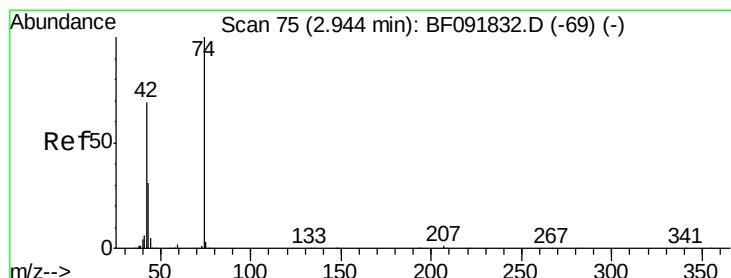
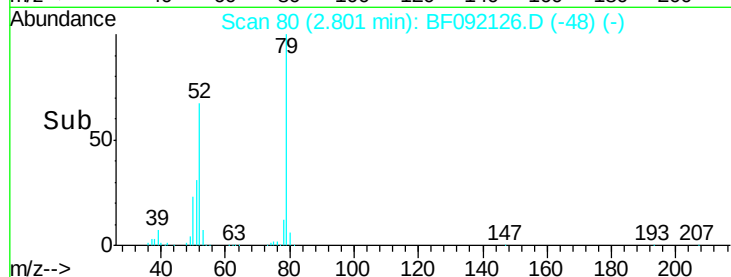
Tot Ion:	79	Resp:	924368
Ion Ratio	Lower	Upper	
79	100		
52	66.9	57.1	85.7
51	31.8	27.3	40.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 63.18 ng

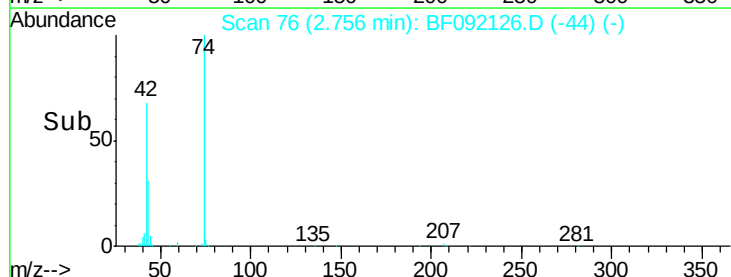
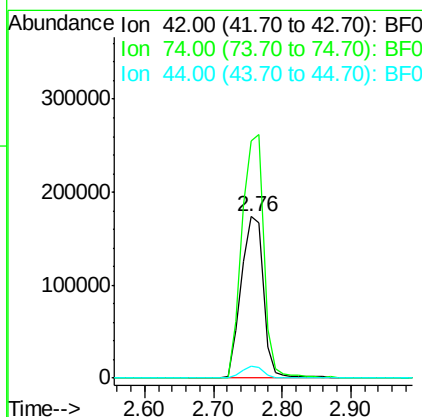
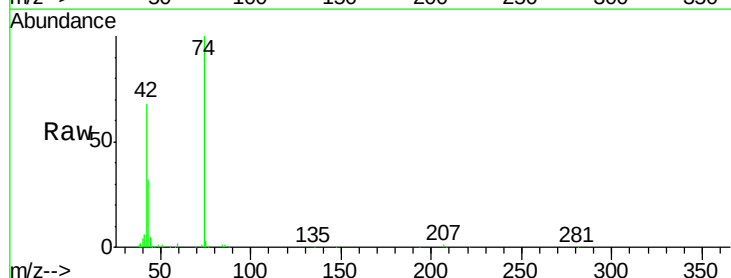
RT: 2.76 min Scan# 76

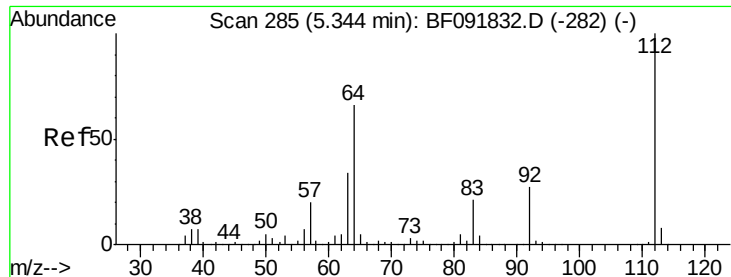
Delta R.T. 0.07 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Tgt Ion:	42	Resp:	393100
Ion Ratio	Lower	Upper	
42	100		
74	146.9	117.0	175.4
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 194.05 ng

RT: 5.27 min Scan# 296

Delta R.T. 0.03 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

Tot Ion:112 Resp: 1862778

Ion Ratio Lower Upper

112 100

64 53.7 46.1 69.1

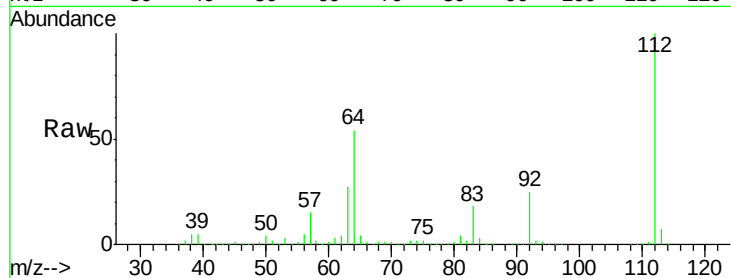
63 27.0 23.8 35.6

Manual Integrations

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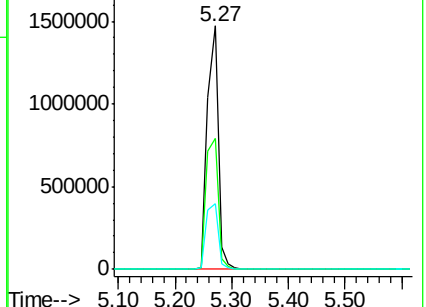
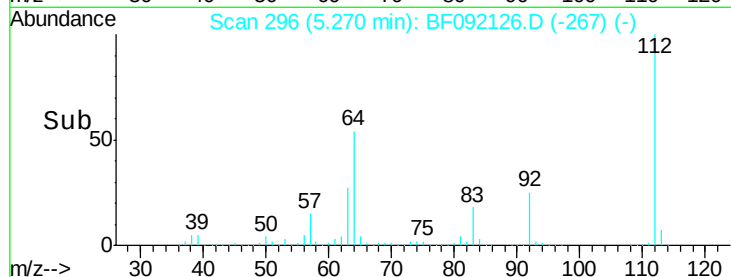
1/9/2017 10:48:08 AM



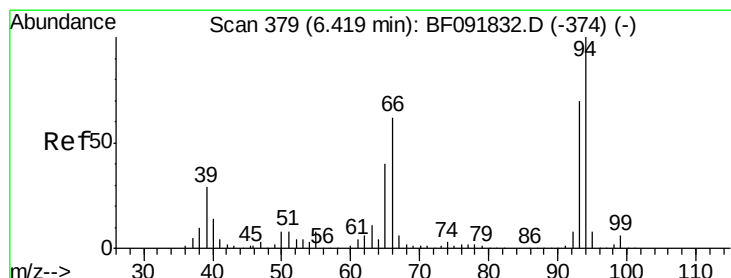
Abundance Ion 112.00 (111.70 to 112.70): E

2000000 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: 21.22 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

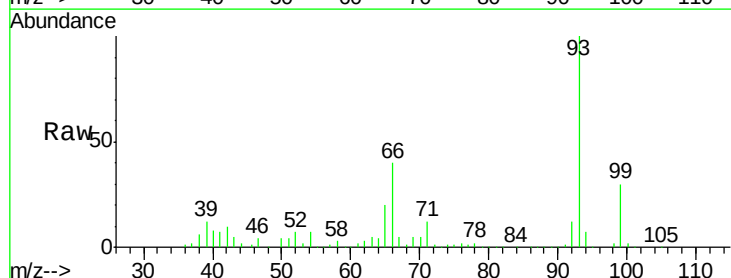
Tgt Ion: 93 Resp: 323082

Ion Ratio Lower Upper

93 100

66 39.9 76.2 114.2#

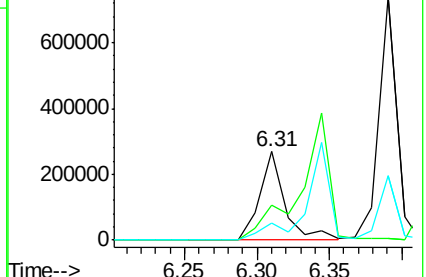
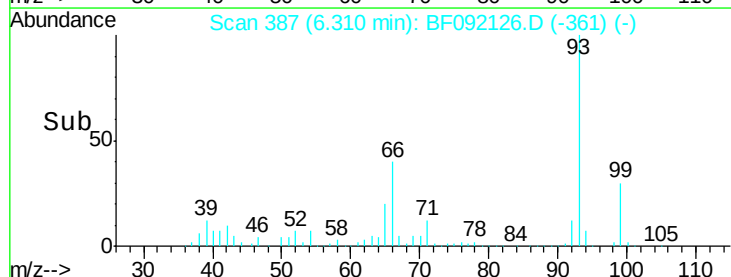
65 19.5 49.3 73.9#

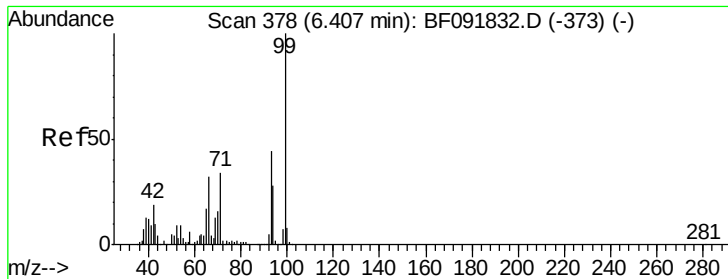


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 168.83 ng

RT: 6.33 min Scan# 389

Delta R.T. 0.02 min

Lab File: BF092126.D

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BNA_F

ClientSampleId :

TP7-8-COMP10MSD

Tot Ion: 99 Resp: 1978700

Ion Ratio Lower Upper

99 100

42 17.8 15.6 23.4

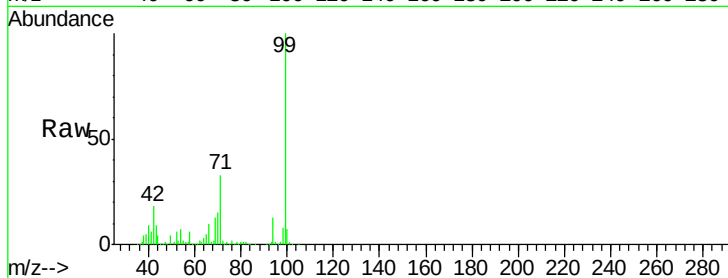
71 33.1 27.5 41.3

Manual Integrations

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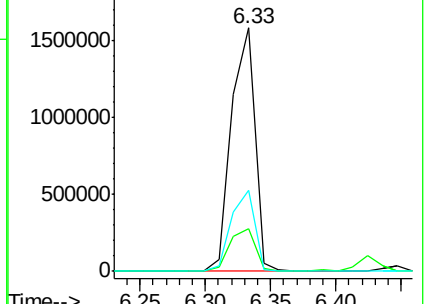
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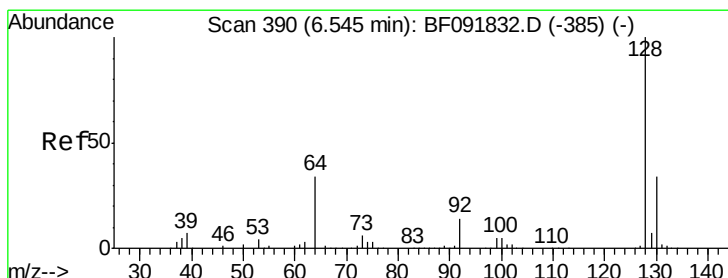
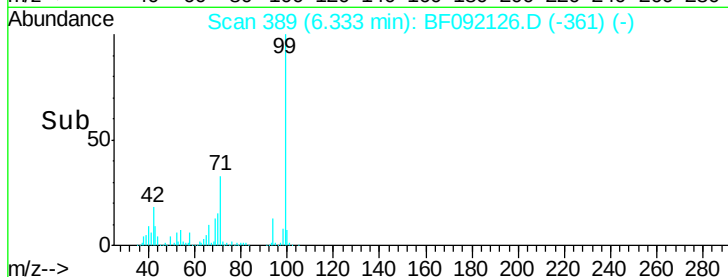
Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 58.93 ng

RT: 6.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

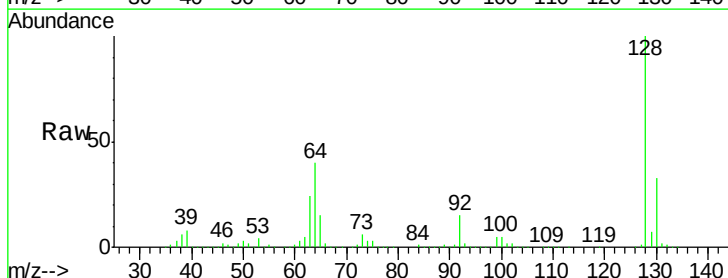
Tgt Ion:128 Resp: 643460

Ion Ratio Lower Upper

128 100

130 33.5 12.3 52.3

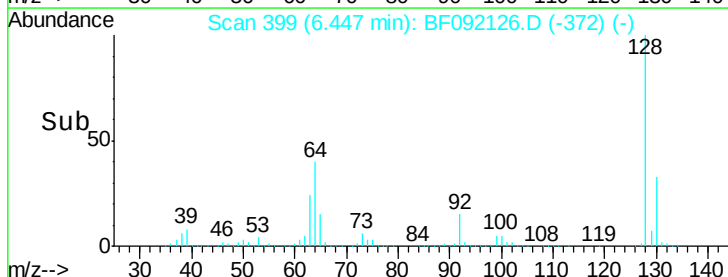
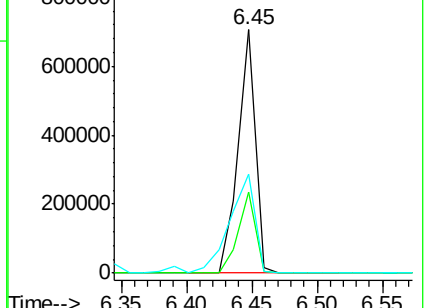
64 40.4 32.2 72.2

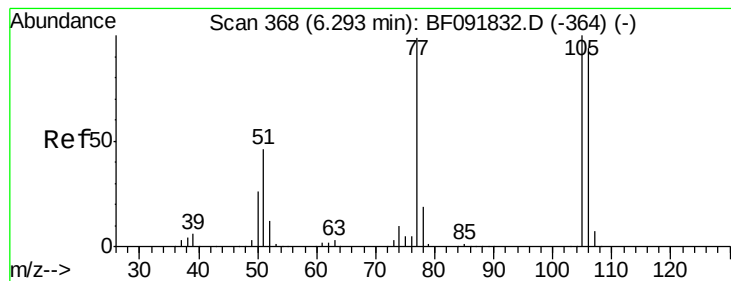


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.45 ng

RT: 6.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

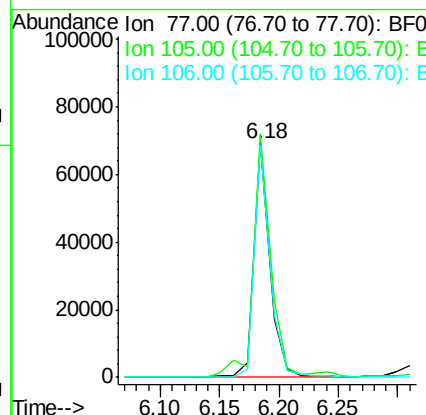
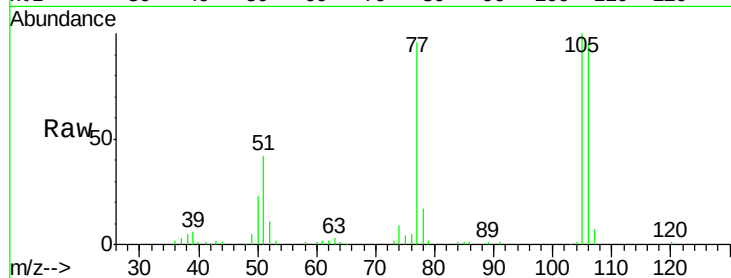
ClientSampleId :

TP7-8-COMP10MSD

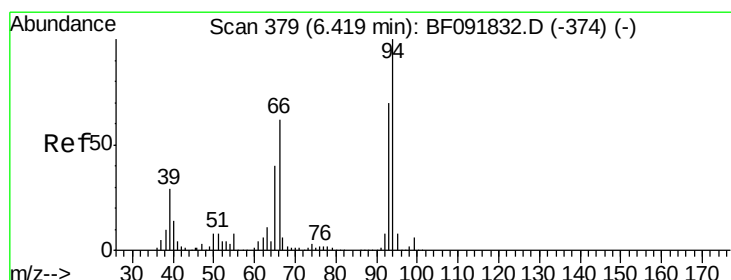
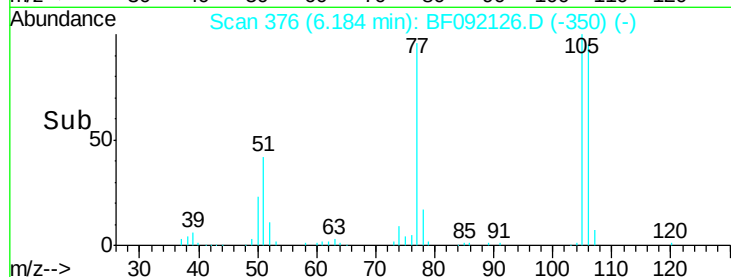
Tot Ion:	77	Resp:	65665
Ion	Ratio	Lower	Upper
77	100		
105	103.9	83.9	123.9
106	98.9	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 72.77 ng

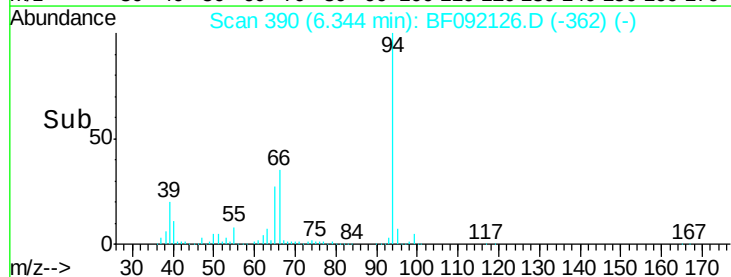
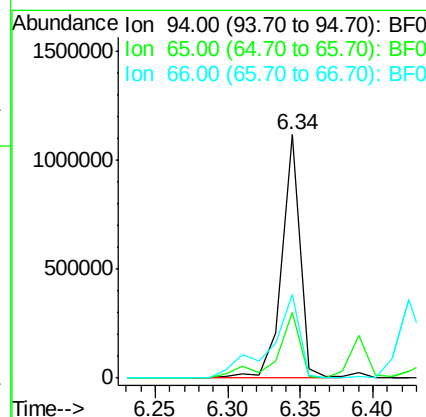
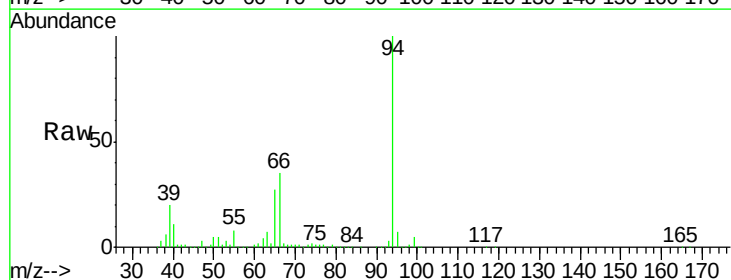
RT: 6.34 min Scan# 390

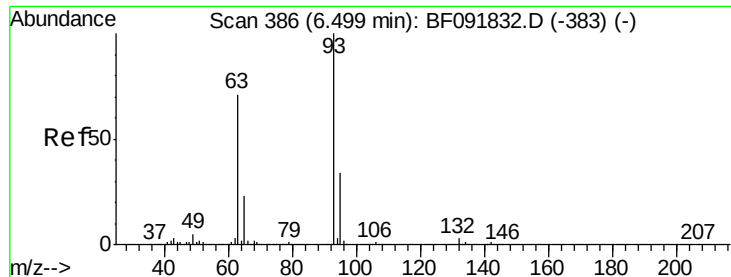
Delta R.T. 0.02 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Tgt Ion:	94	Resp:	971863
Ion	Ratio	Lower	Upper
94	100		
65	26.8	21.4	61.4
66	34.6	44.0	84.0#





#11

bis(2-Chloroethyl)ether

Concen: 59.48 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

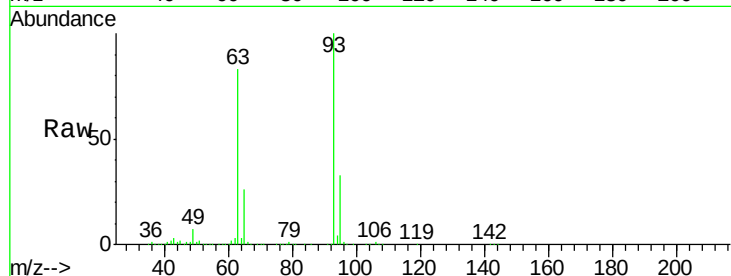
ClientSampleId :

TP7-8-COMP10MSD

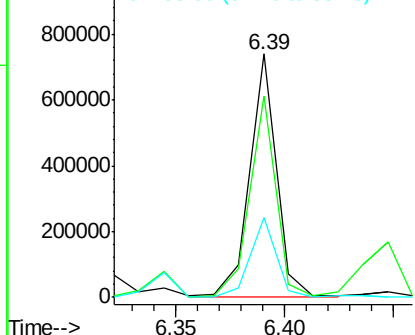
Tot Ion	Ratio	Lower	Upper
93	100		
63	82.7	60.4	100.4
95	32.8	12.8	52.8

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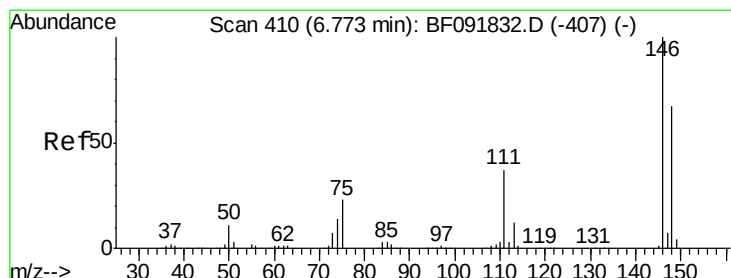
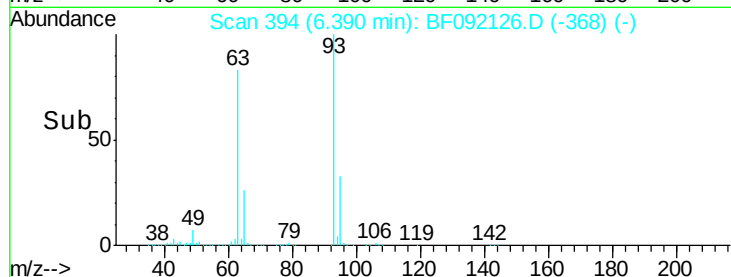
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Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



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#12

1,3-Dichlorobenzene

Concen: 55.47 ng

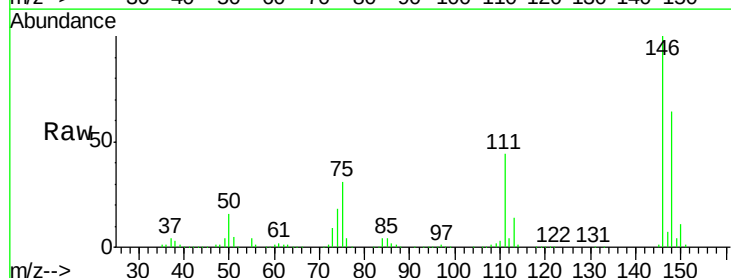
RT: 6.58 min Scan# 411

Delta R.T. 0.00 min

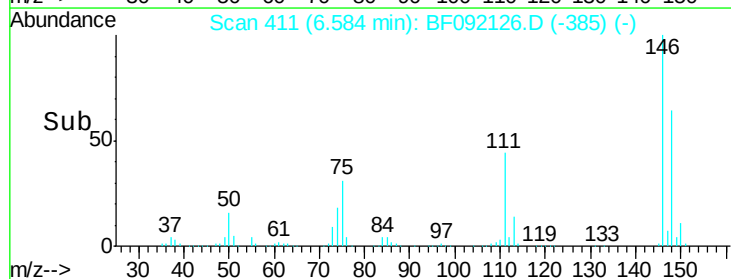
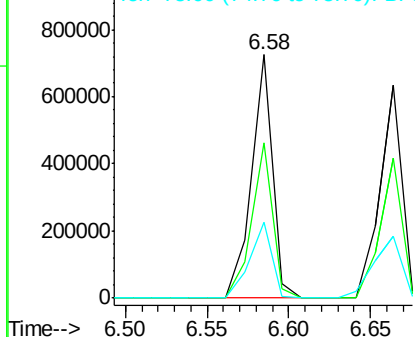
Lab File: BF092126.D

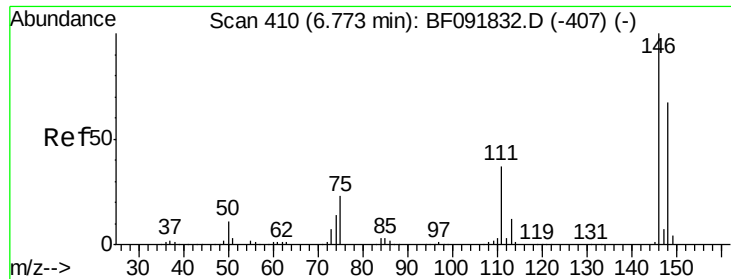
Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	53.4	80.0
75	31.4	18.5	27.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





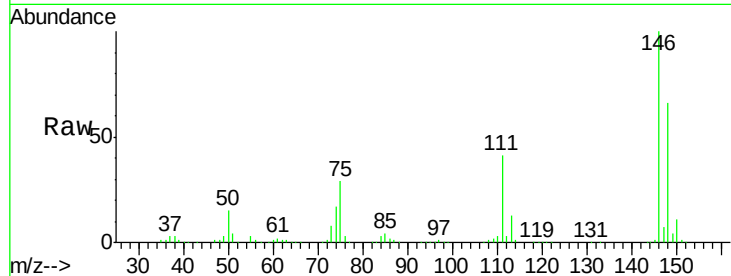
#13
1,4-Dichlorobenzene
Concen: 50.64 ng
RT: 6.66 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.6	76.0
111	40.6	36.2	54.4

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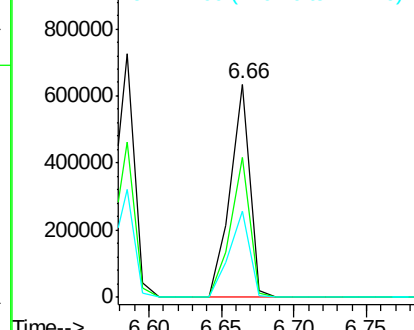


Abundance

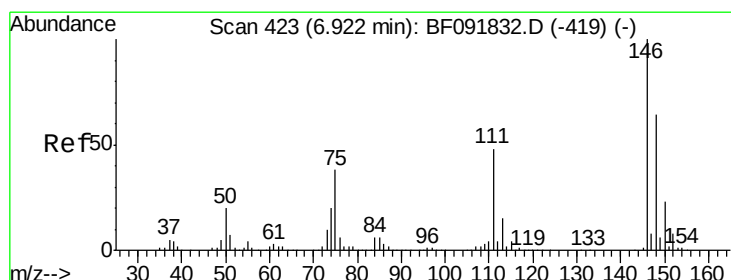
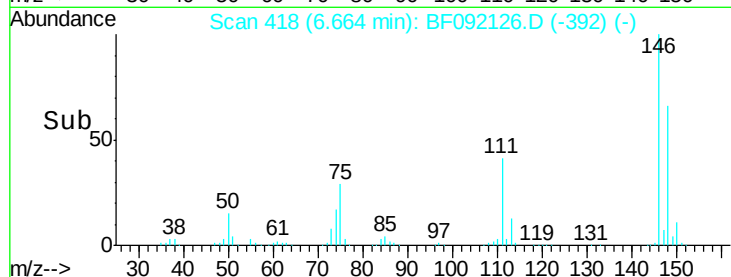
Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

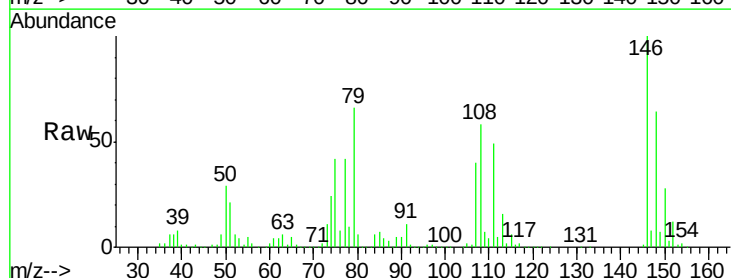


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#14
1,2-Dichlorobenzene
Concen: 60.81 ng
RT: 6.81 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.2
111	49.4	36.2	54.2

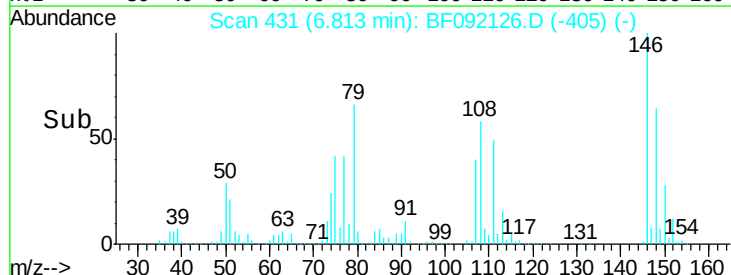
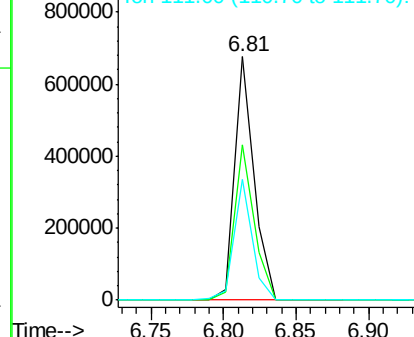


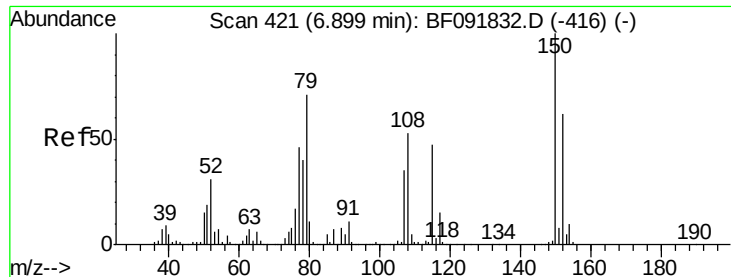
Abundance

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: 63.04 ng

RT: 6.81 min Scan# 431

Delta R.T. 0.01 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

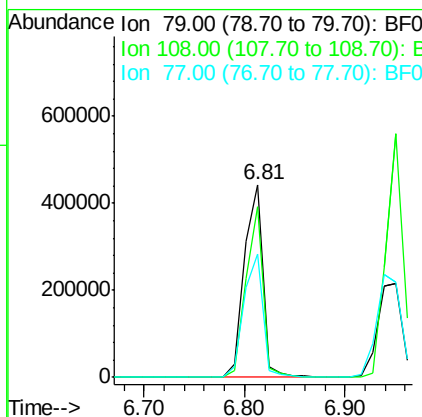
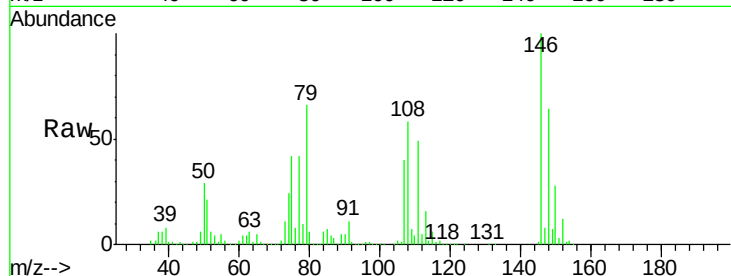
ClientSampleId :

TP7-8-COMP10MSD

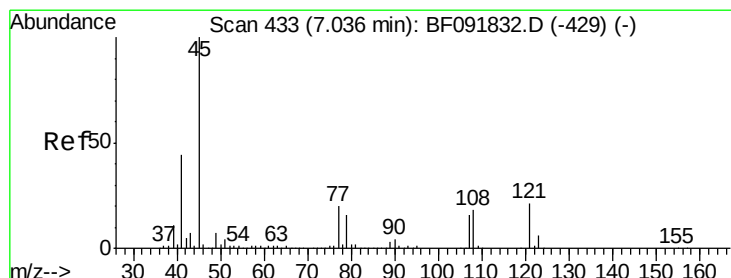
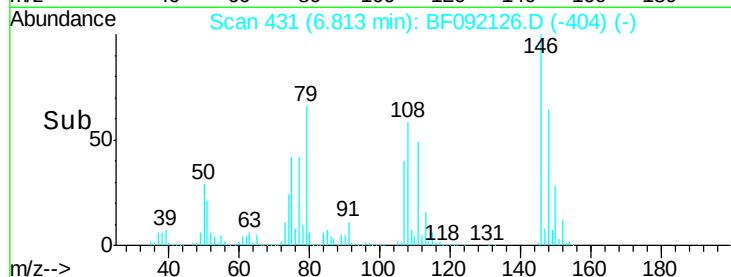
Tot Ion:	79	Resp:	574114
Ion Ratio	Lower	Upper	
79	100		
108	88.6	61.4	92.0
77	63.7	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 71.54 ng

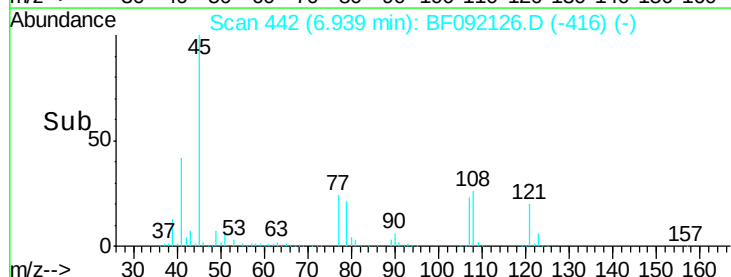
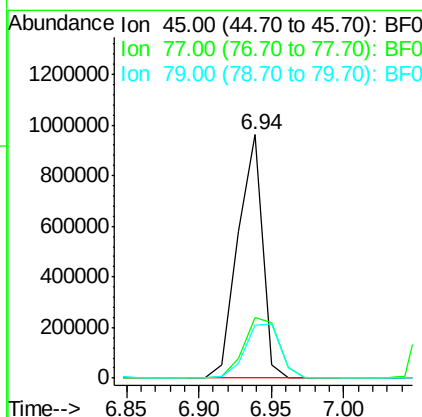
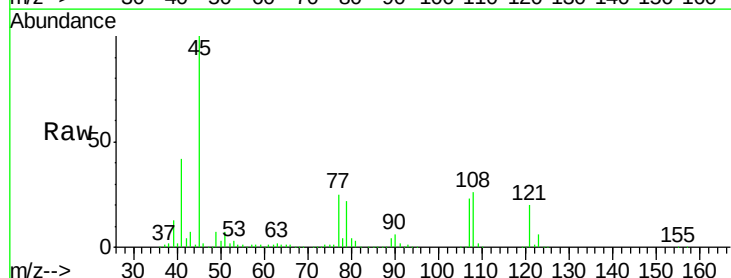
RT: 6.94 min Scan# 442

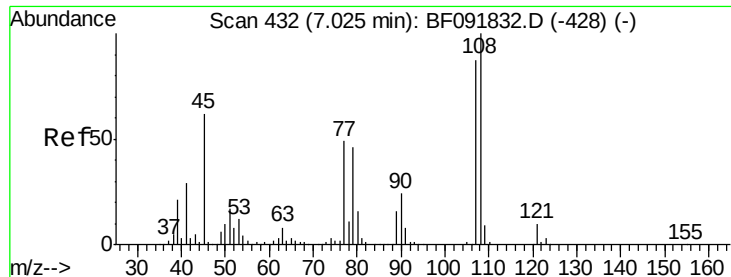
Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Tgt Ion:	45	Resp:	1132115
Ion Ratio	Lower	Upper	
45	100		
77	24.7	0.0	34.6
79	21.9	0.0	31.2





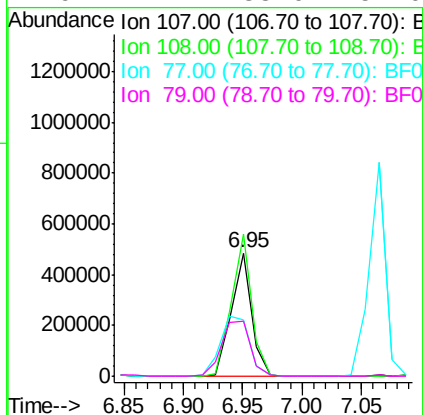
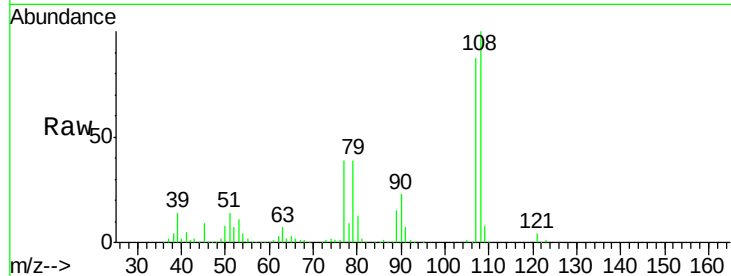
#17
2-Methylphenol
Concen: 65.28 ng
RT: 6.95 min Scan# 443
Delta R.T. 0.02 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

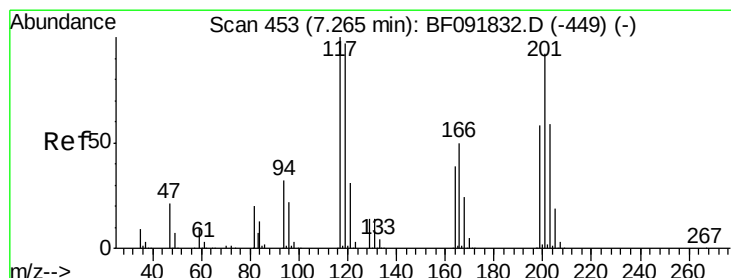
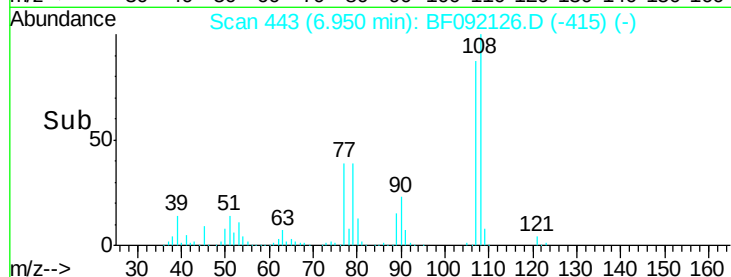
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	573319		
108	108.00	115.5		93.0	139.6
77	77.00	45.3		39.8	59.8
79	79.00	44.7		38.0	57.0

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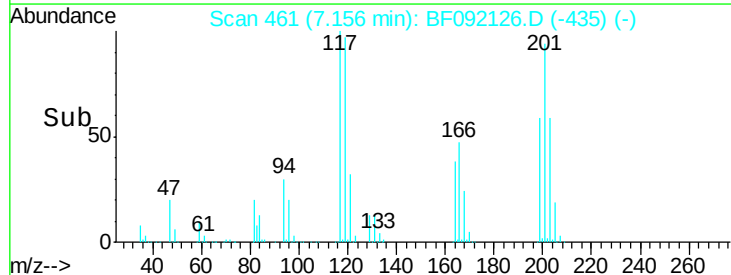
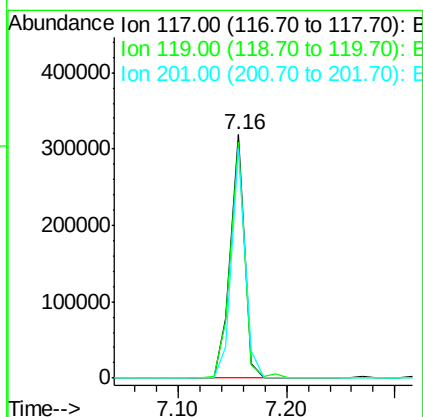
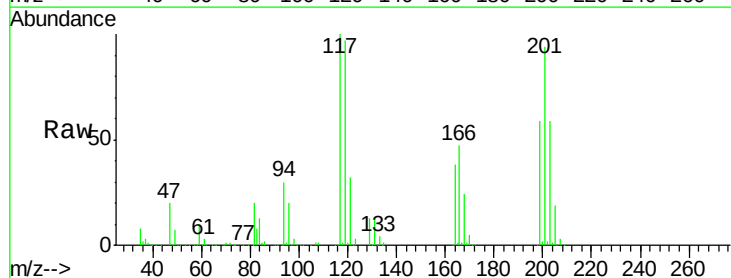


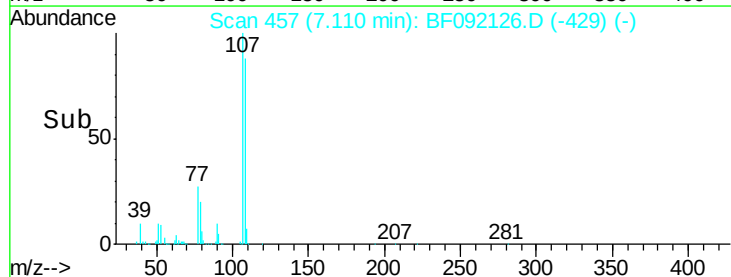
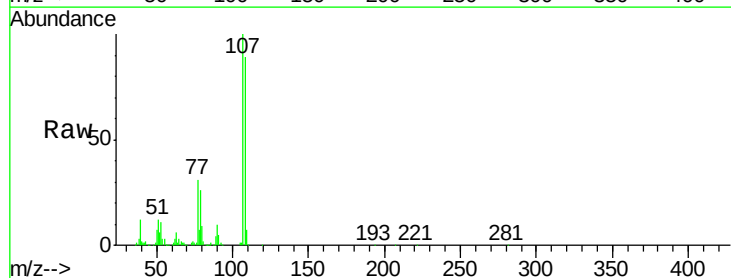
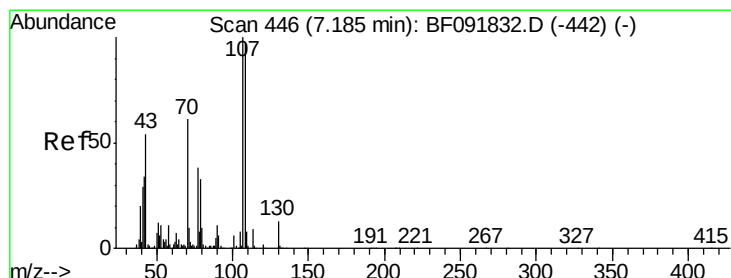
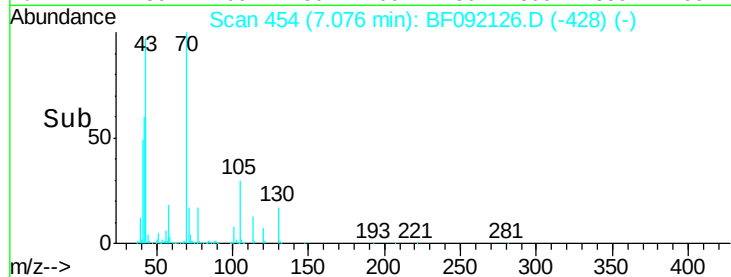
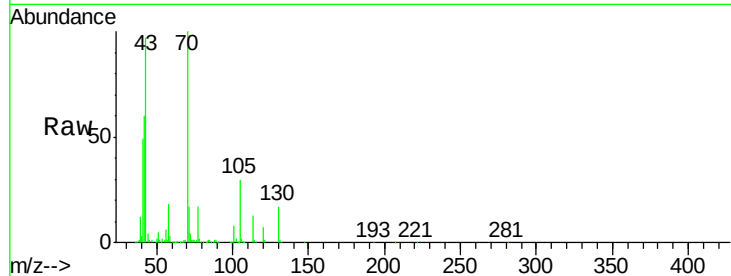
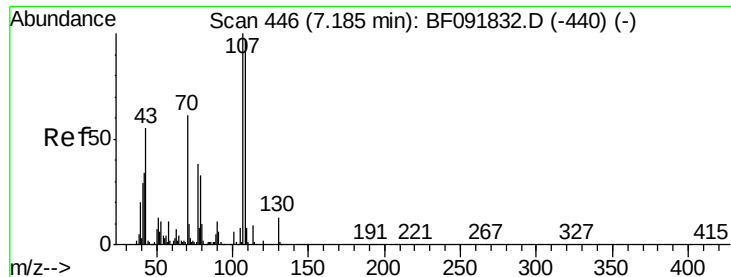
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#18
Hexachloroethane
Concen: 65.62 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

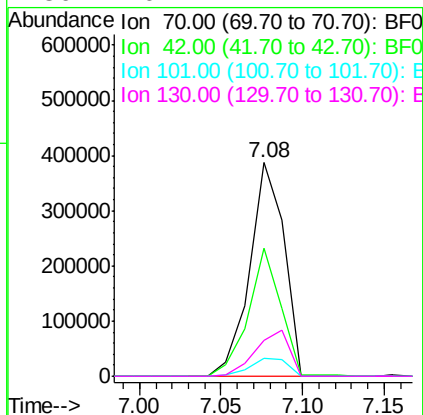
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	288650		
119	119.00	97.2		78.1	117.1
201	201.00	94.2		78.6	117.8





#19
n-Nitroso-di-n-propylamine
Concen: 72.76 ng
RT: 7.08 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.1	49.4	74.0
101	8.3	7.4	11.2
130	16.7	14.2	21.4



Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

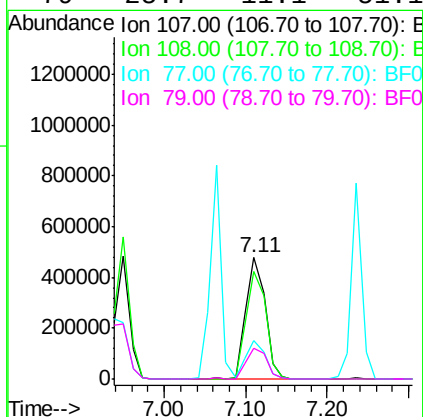
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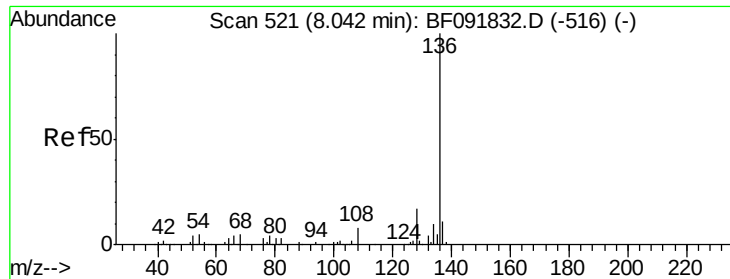
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#20
3+4-Methylphenols
Concen: 75.41 ng
RT: 7.11 min Scan# 457
Delta R.T. 0.02 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	73.0	113.0
77	31.4	71.3	111.3
79	25.7	11.1	51.1





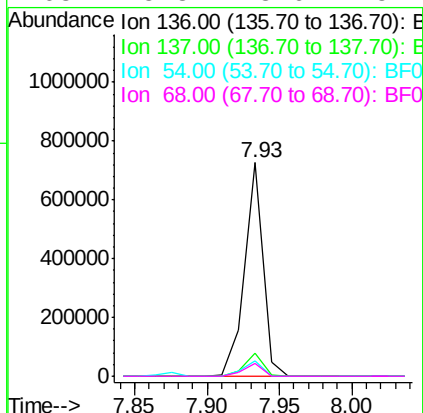
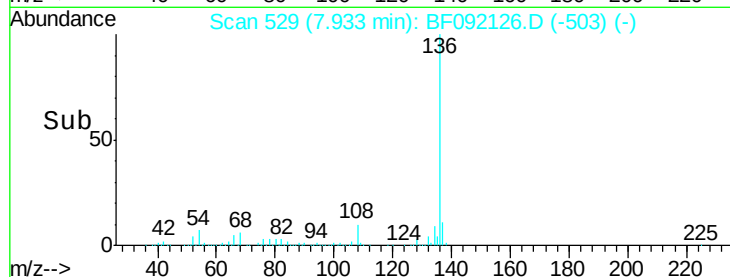
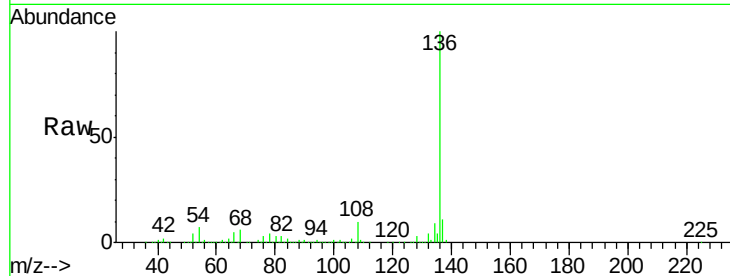
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

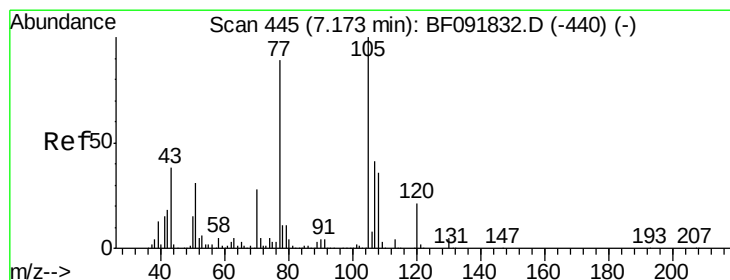
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.8		8.4	12.6	
54	7.2		4.5	6.7#	
68	5.8		3.6	5.4#	

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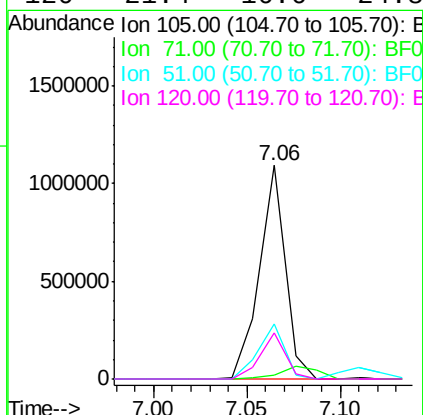
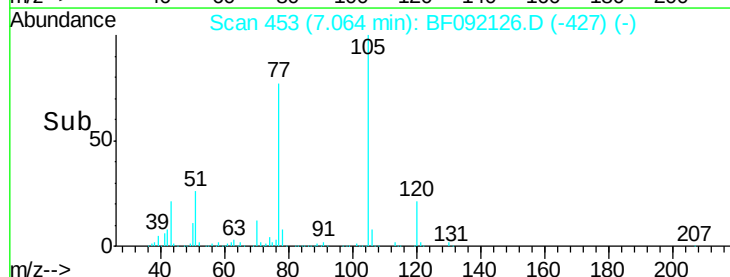
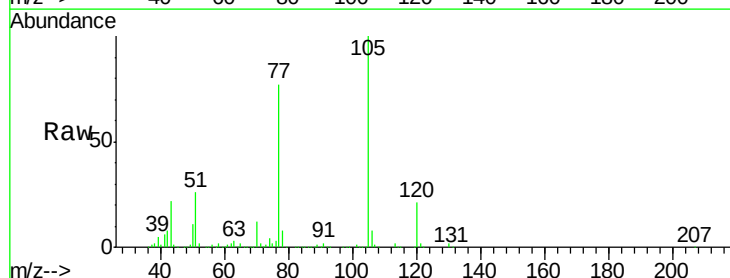


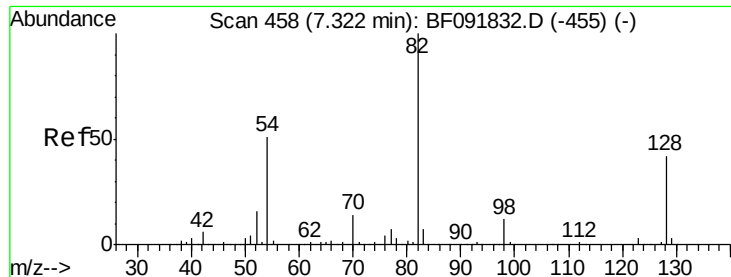
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#22
Acetophenone
Concen: 66.01 ng
RT: 7.06 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	1.9		3.2	4.8#	
51	25.6		26.2	39.4#	
120	21.4		16.6	24.8	





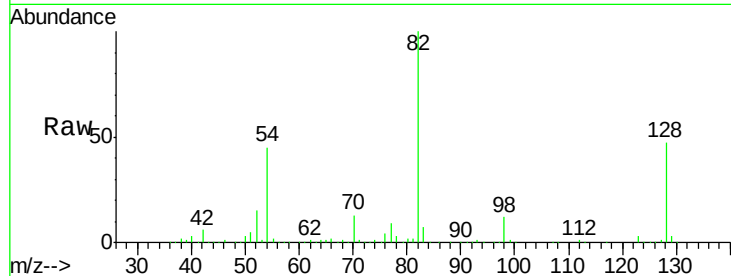
#23
 Nitrobenzene-d5
 Concen: 130.57 ng
 RT: 7.22 min Scan# 467
 Delta R.T. 0.01 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

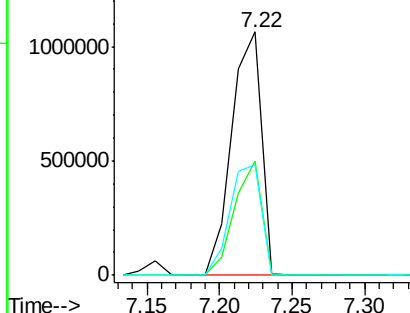
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.6	52.0
54	45.5	39.5	59.3

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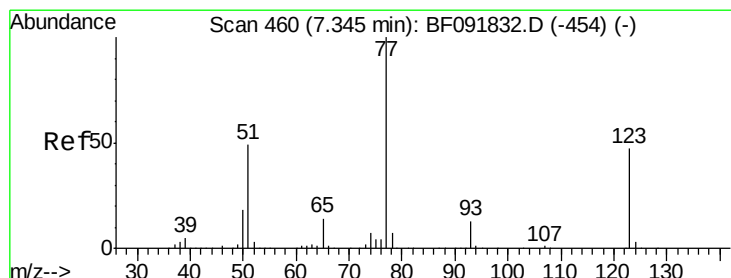
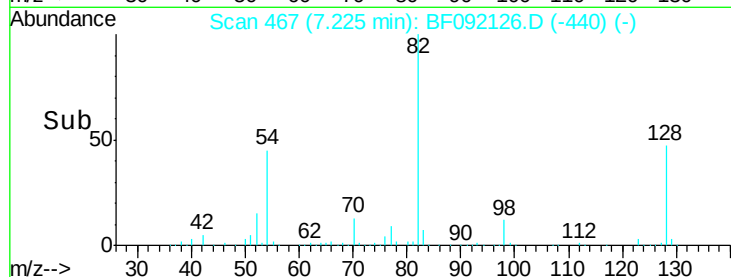
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Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

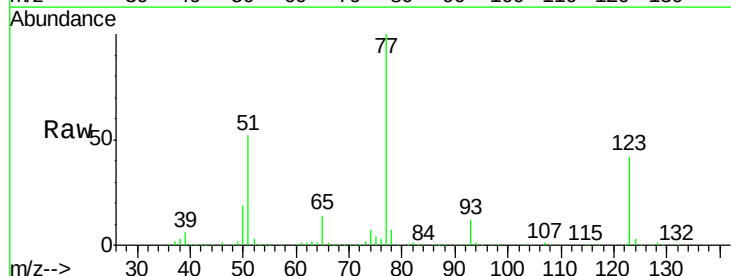


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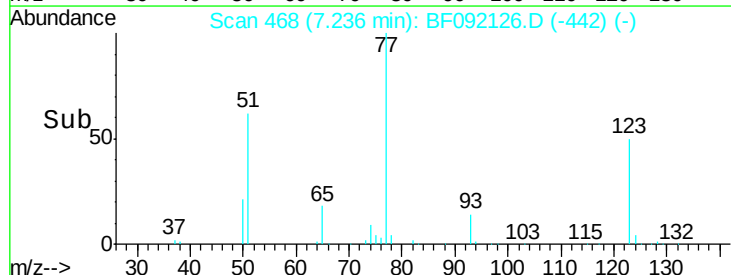
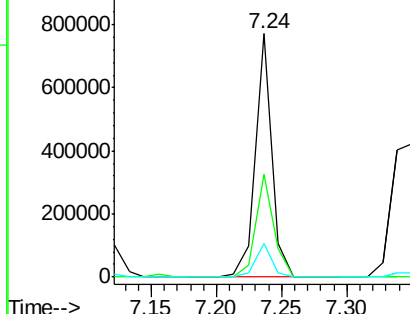


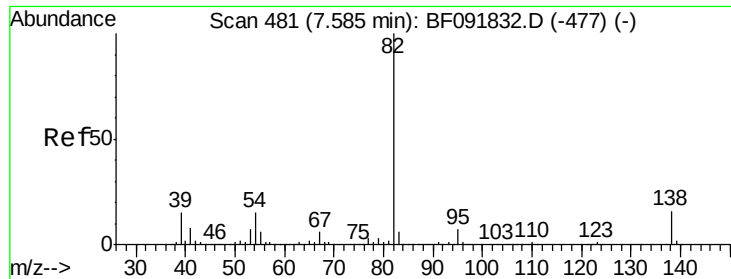
#24
 Nitrobenzene
 Concen: 54.95 ng
 RT: 7.24 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.4	33.0	49.4
65	13.9	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: 60.97 ng

RT: 7.49 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

Tot Ion: 82 Resp: 1304486

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

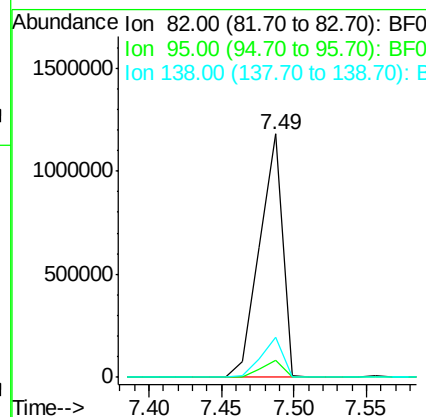
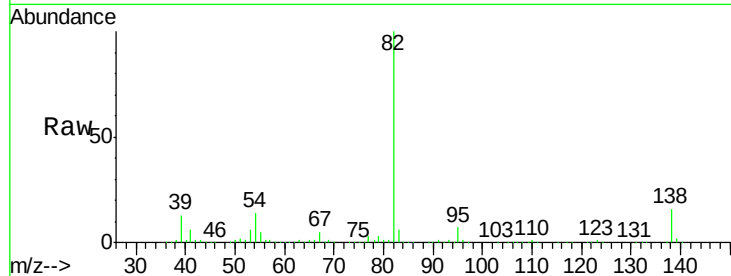
138 16.4 14.6 22.0

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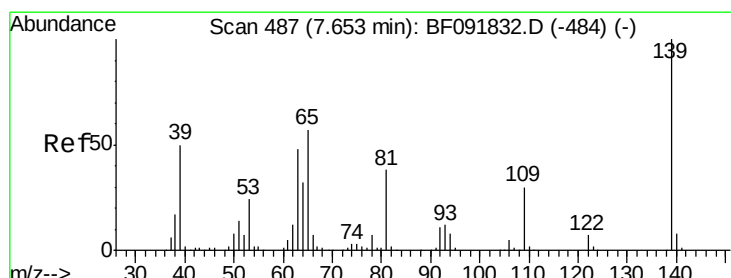
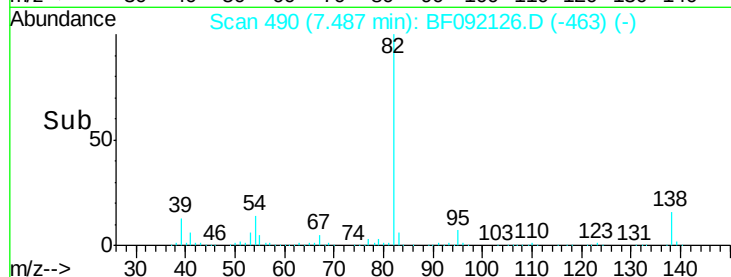
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#26

2-Nitrophenol

Concen: 52.81 ng

RT: 7.56 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

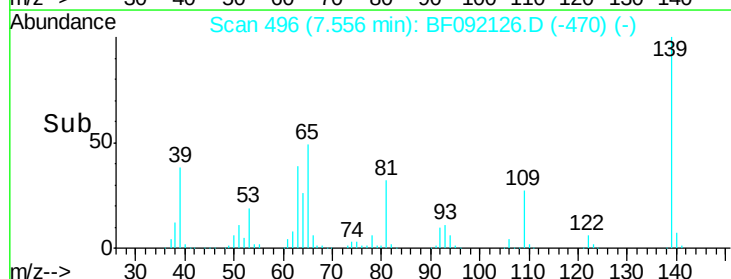
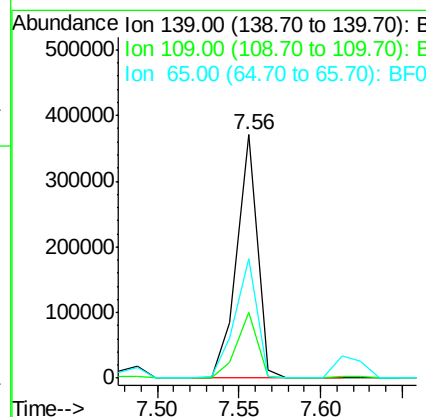
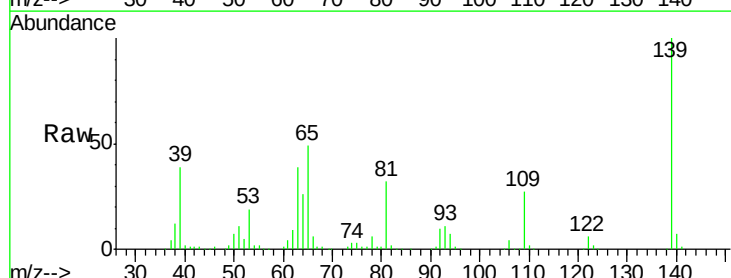
Tgt Ion: 139 Resp: 321703

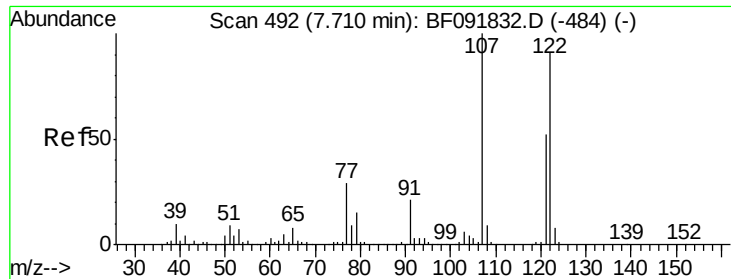
Ion Ratio Lower Upper

139 100

109 27.0 23.3 34.9

65 49.1 42.7 64.1





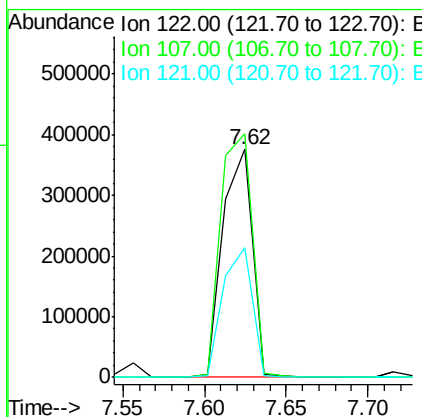
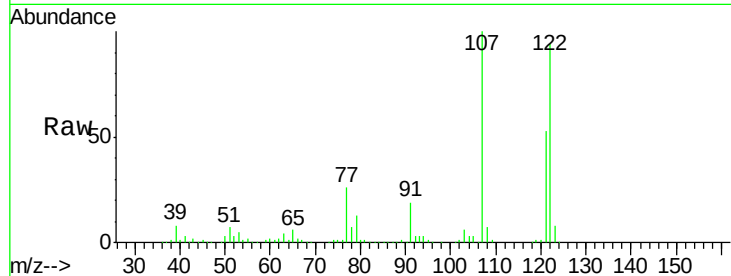
#27
 2,4-Dimethylphenol
 Concen: 46.37 ng
 RT: 7.62 min Scan# 502
 Delta R.T. 0.01 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

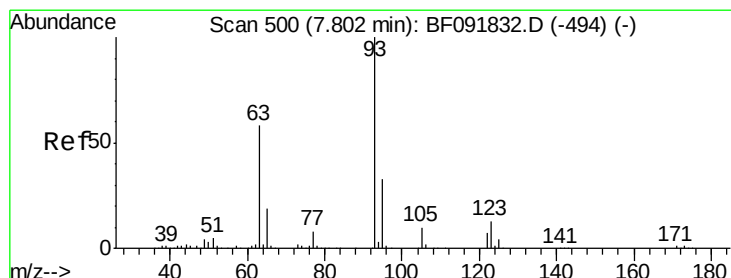
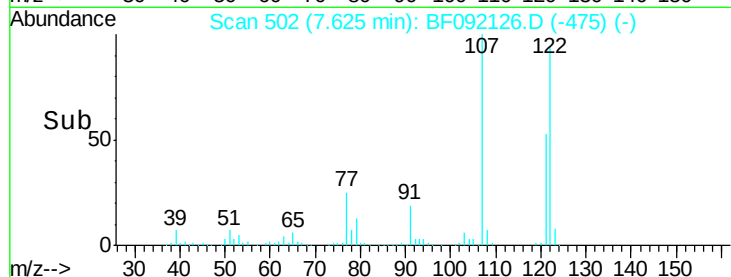
Tot Ion	Ratio	Resp	Lower	Upper
122	100	468467		
107	106.9	94.1	141.1	
121	57.1	46.0	69.0	

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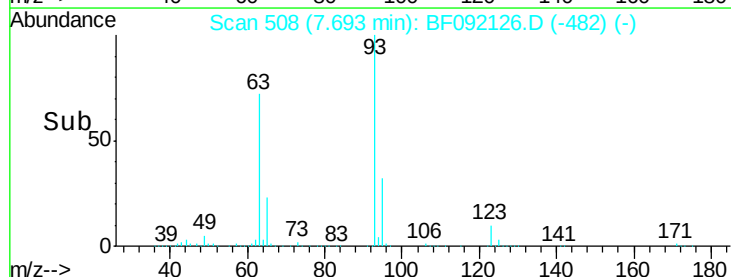
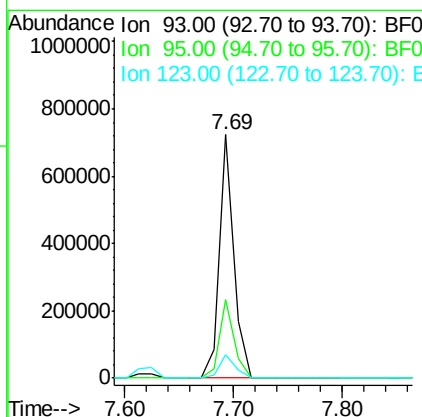
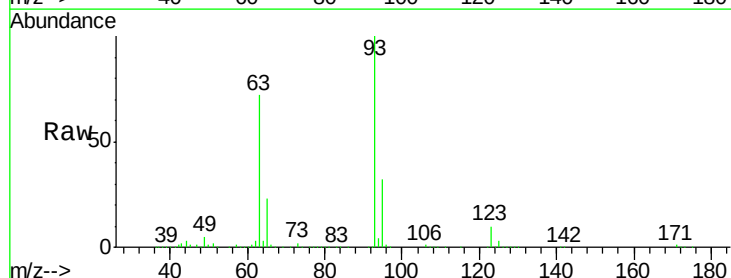


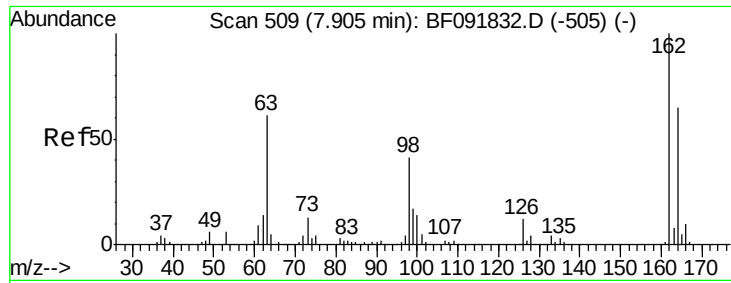
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#28
 bis(2-Chloroethoxy)methane
 Concen: 51.80 ng
 RT: 7.69 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	672053		
95	32.4	26.5	39.7	
123	9.8	8.6	13.0	





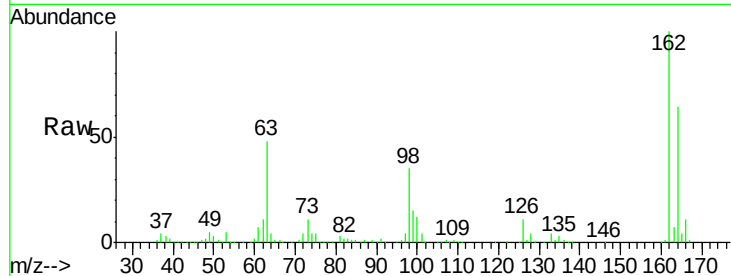
#29
2,4-Dichlorophenol
Concen: 49.89 ng
RT: 7.82 min Scan# 519
Delta R.T. 0.01 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		426765		
164	64.3	46.8	86.8		
98	35.2	9.1	49.1		

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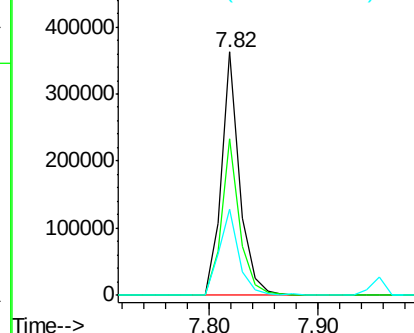


Abundance

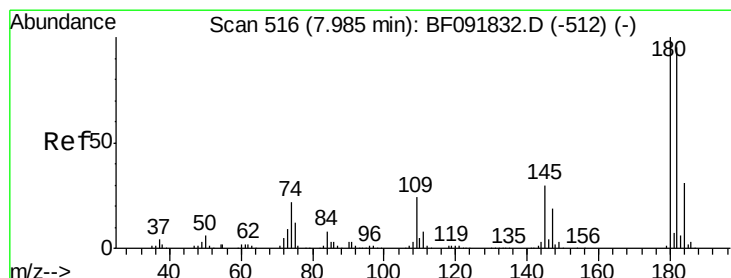
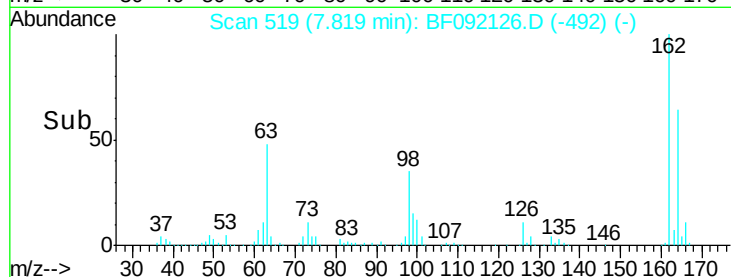
Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

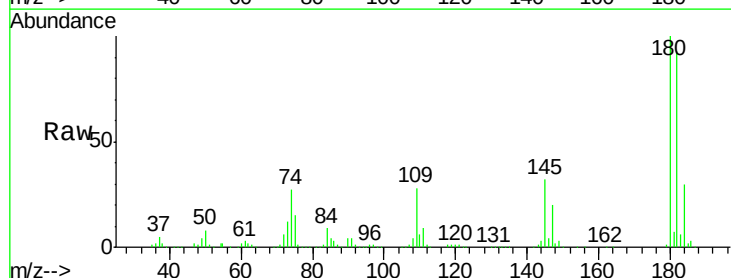


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#30
1,2,4-Trichlorobenzene
Concen: 52.85 ng
RT: 7.88 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		495482		
182	93.4	78.2	117.4		
145	31.9	21.6	32.4		

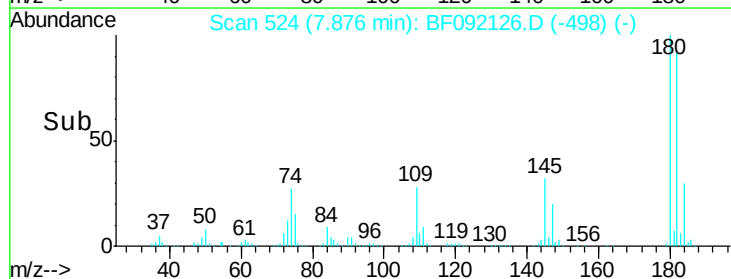
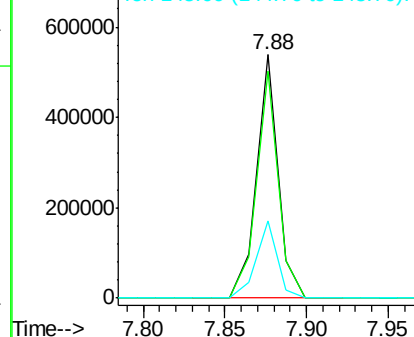


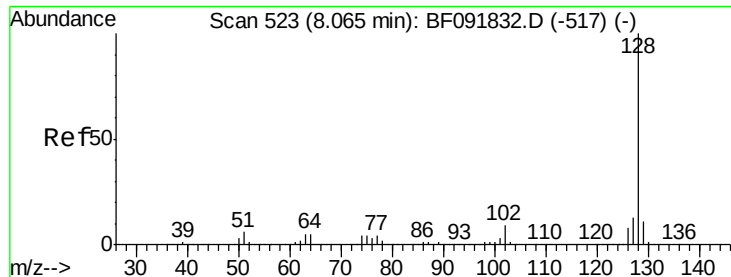
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 57.23 ng

RT: 7.96 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

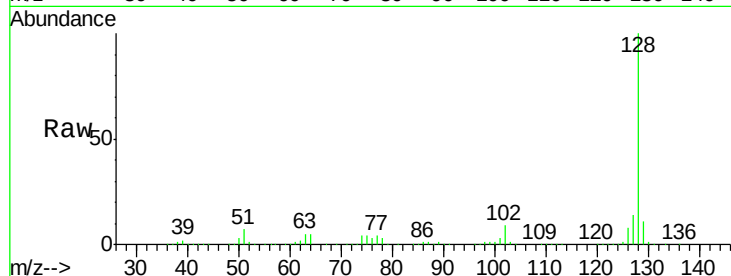
ClientSampleId :

TP7-8-COMP10MSD

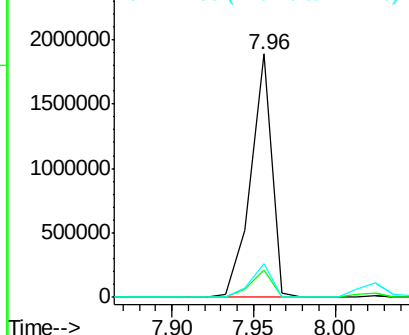
Tot Ion:	128	Resp:	1689184
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.6	10.8	16.2

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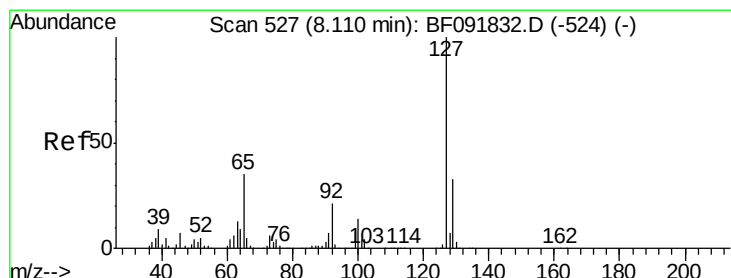
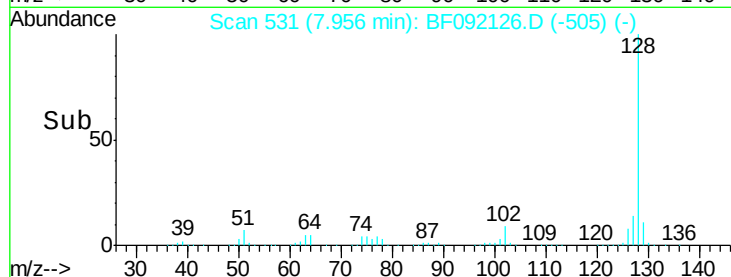
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



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#33

4-Chloroaniline

Concen: 12.11 ng

RT: 8.02 min Scan# 537

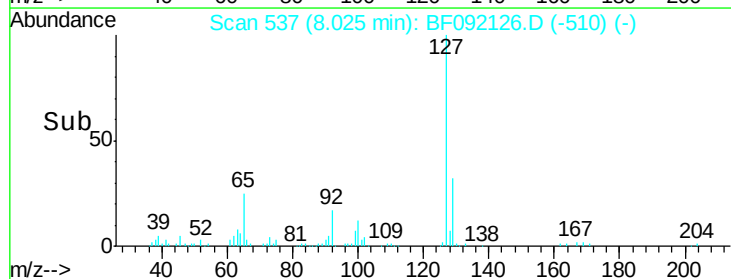
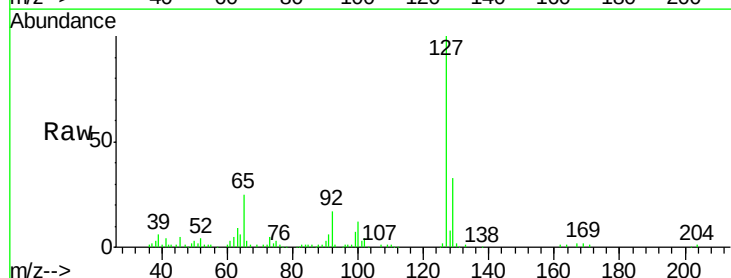
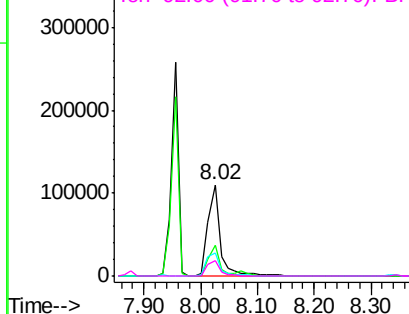
Delta R.T. 0.01 min

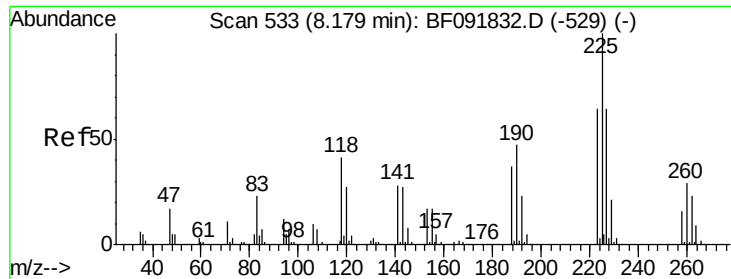
Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Tgt Ion:	127	Resp:	161186
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	25.4	25.8	38.8#
92	16.8	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





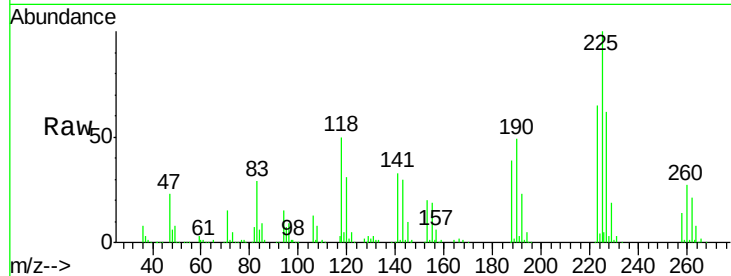
#34
Hexachlorobutadiene
Concen: 54.39 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

Tot Ion	Ratio	Resp	Lower	Upper
225	100	269162		
223	64.9		51.0	76.6
227	62.4		50.6	76.0

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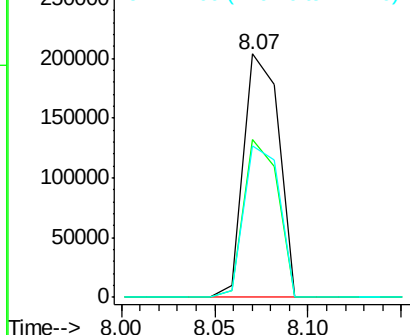


Abundance

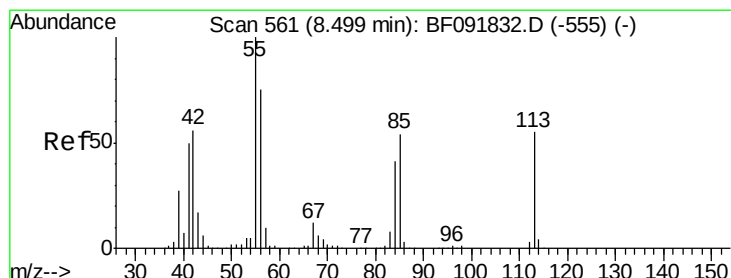
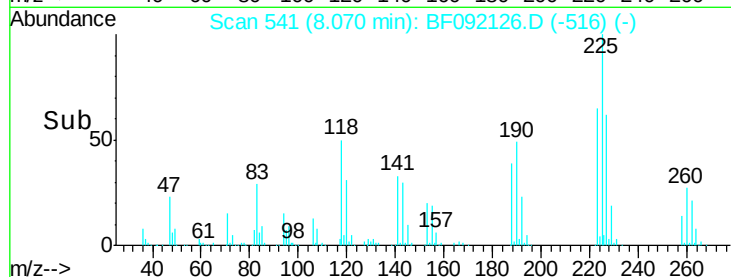
Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

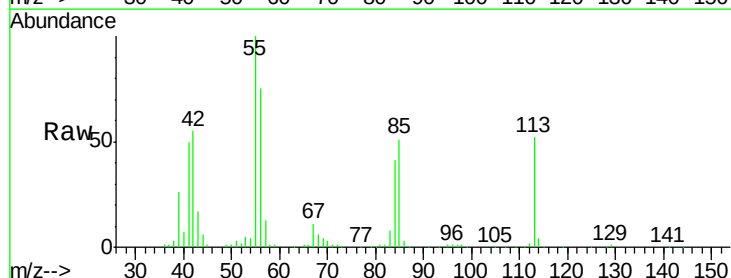


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#35
Caprolactam
Concen: 47.27 ng
RT: 8.38 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	132899		
55	192.0		119.2	159.2#
56	143.6		83.8	123.8#

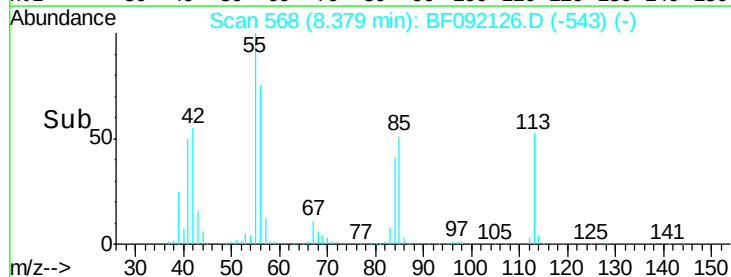
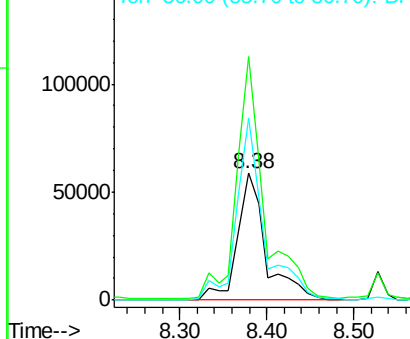


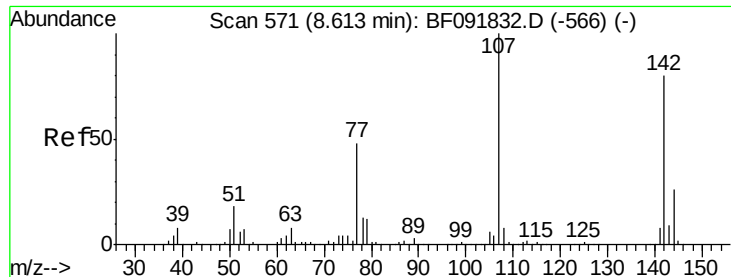
Abundance

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: 40.01 ng

RT: 8.53 min Scan# 581

Delta R.T. 0.02 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

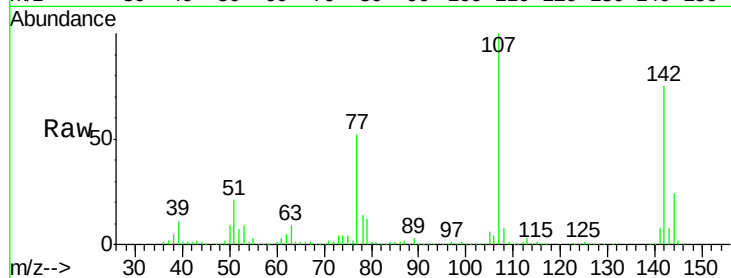
ClientSampleId :

TP7-8-COMP10MSD

Tot Ion:	107	Resp:	393843
Ion Ratio	Lower	Upper	
107	100		
144	24.4	19.3	28.9
142	74.6	59.0	88.6

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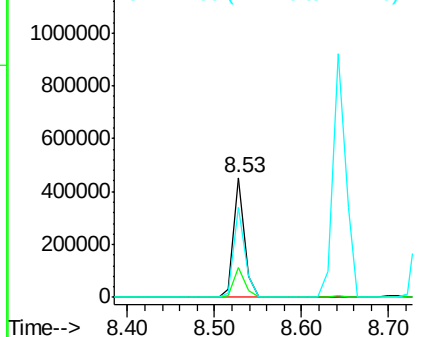


Abundance

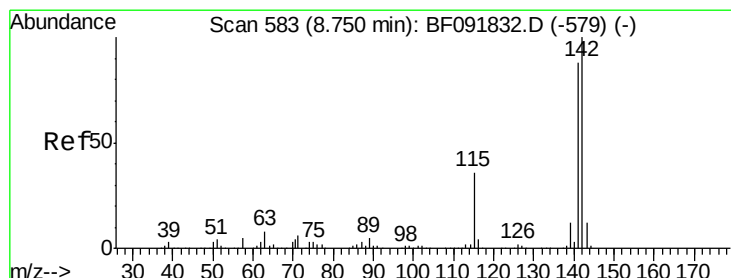
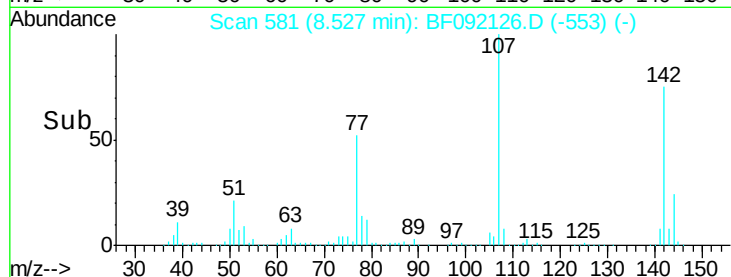
Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



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#37

2-Methylnaphthalene

Concen: 58.85 ng

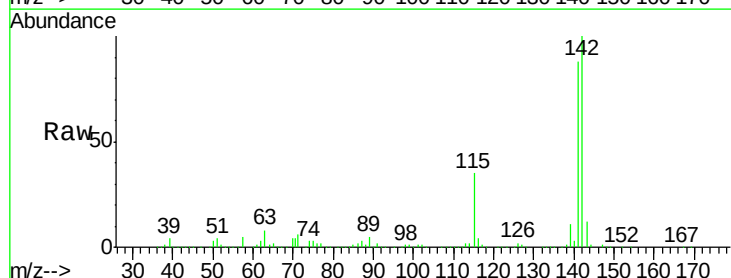
RT: 8.64 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Tgt Ion:	142	Resp:	936366
Ion Ratio	Lower	Upper	
142	100		
141	88.0	71.0	106.6
115	35.5	28.3	42.5

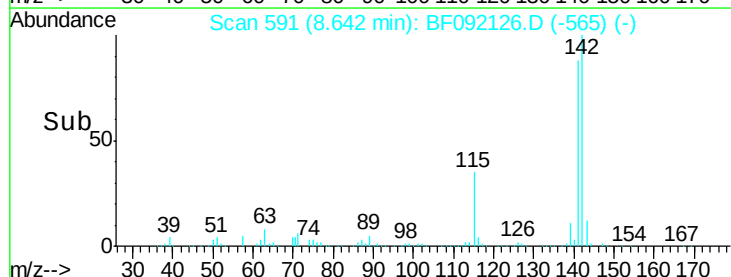
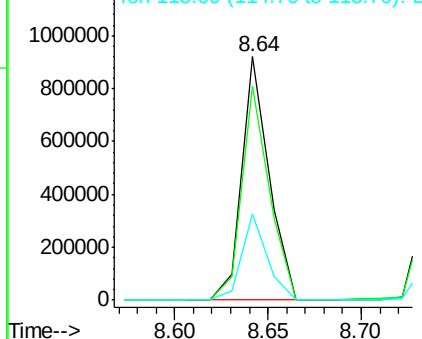


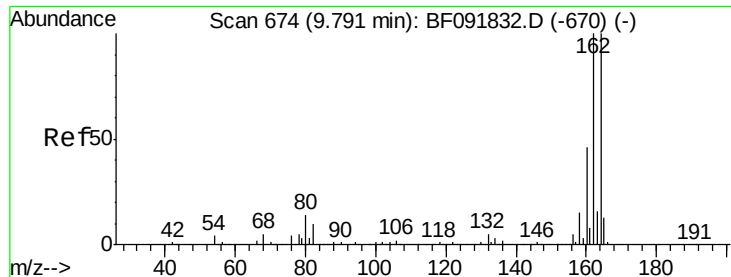
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

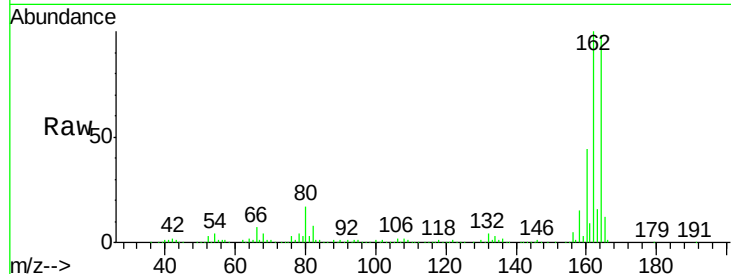
ClientSampleId :

TP7-8-COMP10MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.8	80.2	120.2	
160	45.1	36.9	55.3	

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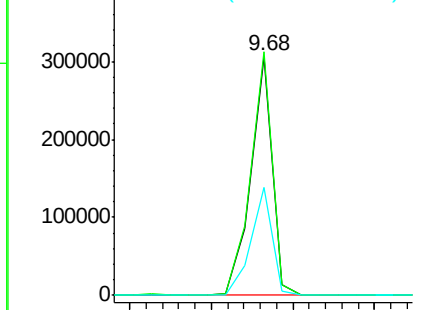


Abundance

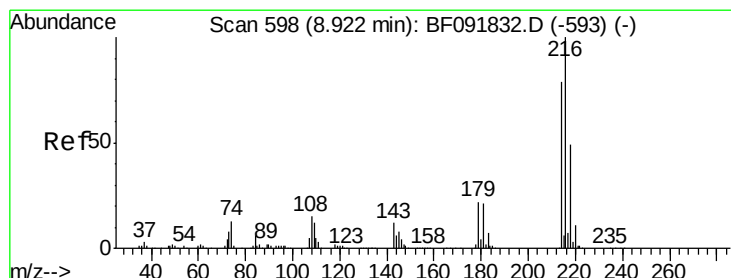
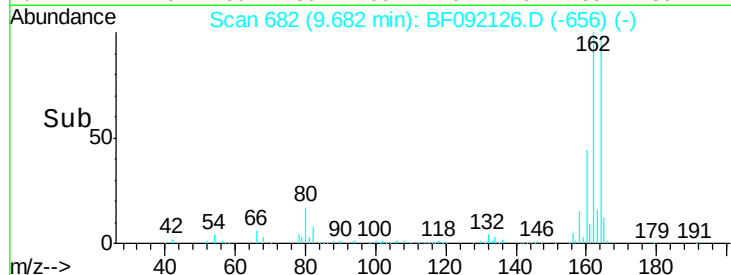
Ion 164.00 (163.70 to 164.70): E

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: 63.38 ng

RT: 8.81 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.4	95.0	
179	22.8	17.4	26.2	
108	21.1	15.6	23.4	

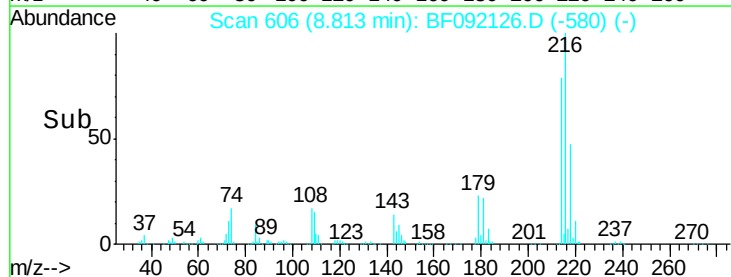
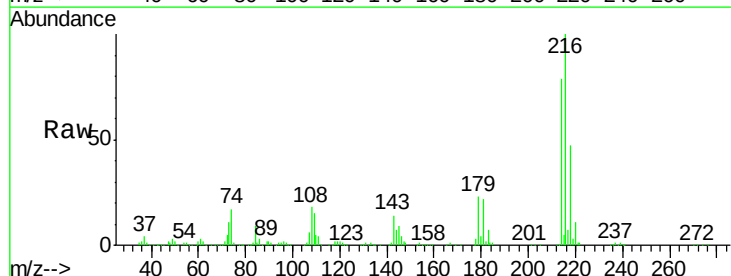
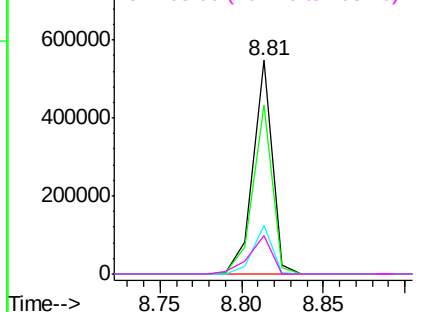
Abundance

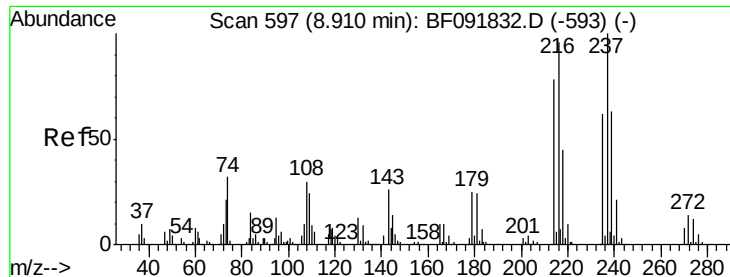
Ion 216.00 (215.70 to 216.70): E

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





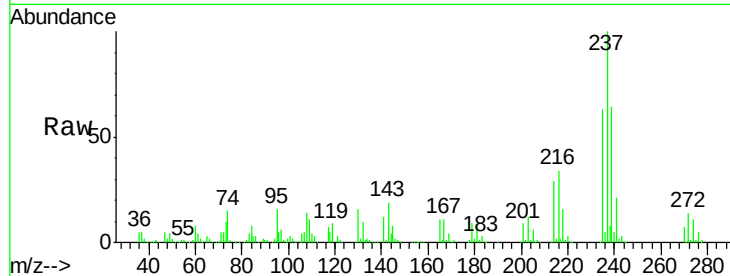
#40
Hexachlorocyclopentadiene
Concen: 66.24 ng
RT: 8.80 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.3	41.2	81.2
272	13.8	0.0	35.4

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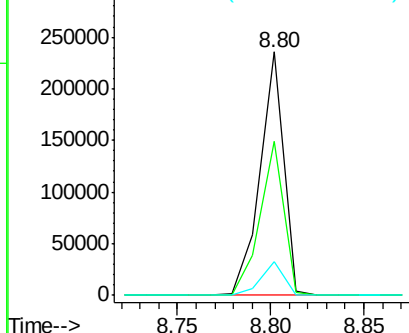


Abundance

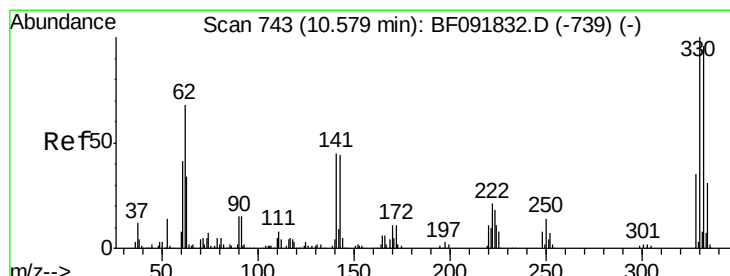
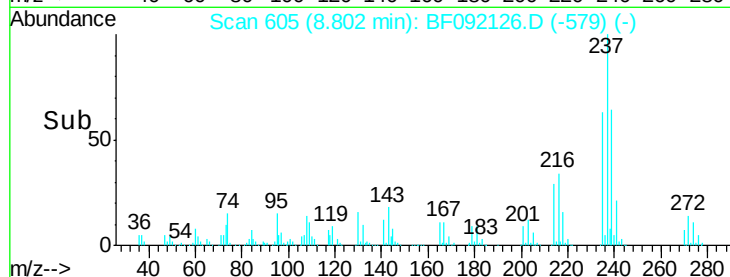
Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

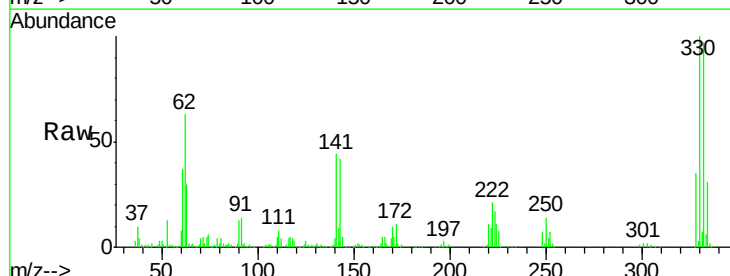


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#41
2,4,6-Tribromophenol
Concen: 123.25 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.9	77.4	116.2
141	43.0	34.1	51.1

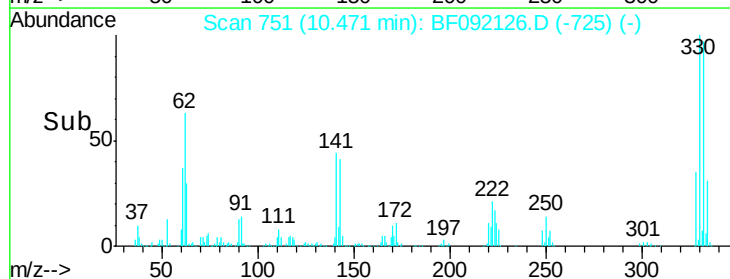
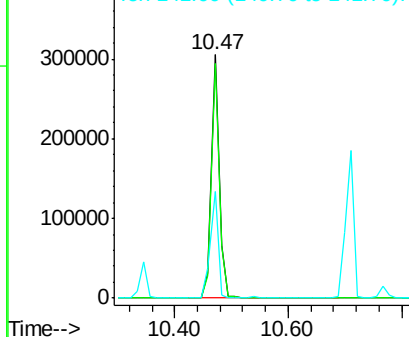


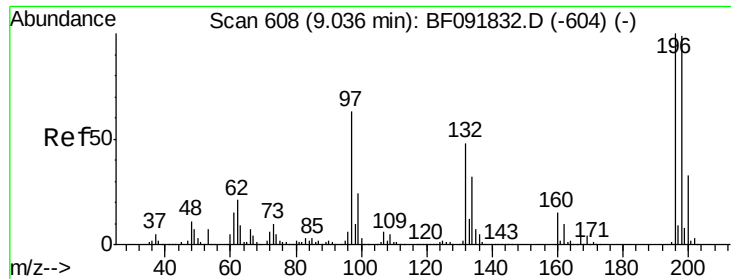
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





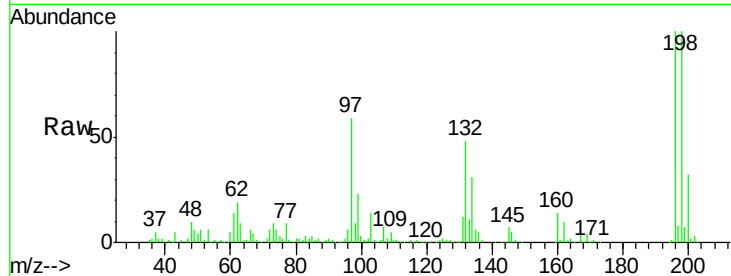
#42
2,4,6-Trichlorophenol
Concen: 53.28 ng
RT: 8.94 min Scan# 617
Delta R.T. 0.01 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	263410		
198	99.7	82.1	123.1	
200	32.0	27.0	40.4	

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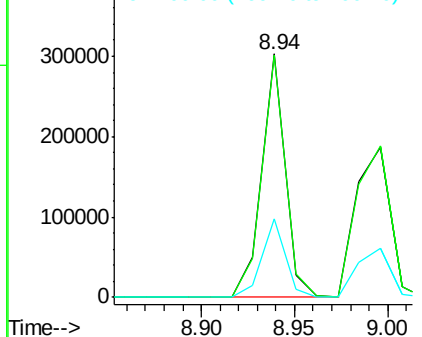


Abundance

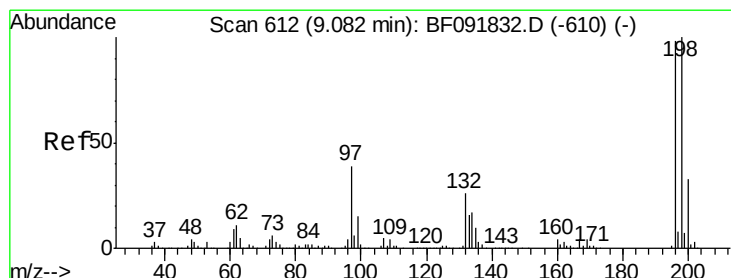
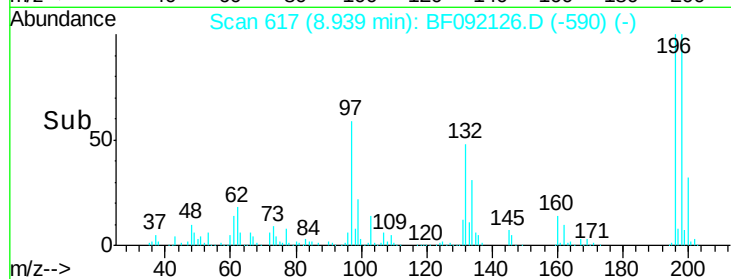
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



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#43
2,4,5-Trichlorophenol
Concen: 46.82 ng
RT: 9.00 min Scan# 622
Delta R.T. 0.02 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	238219		
198	101.1	79.4	119.2	
97	38.6	51.5	77.3#	
132	24.3	27.4	41.2#	

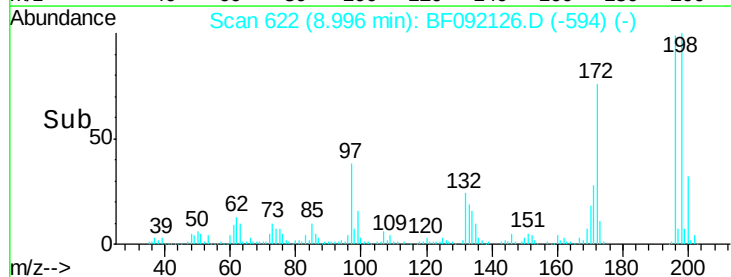
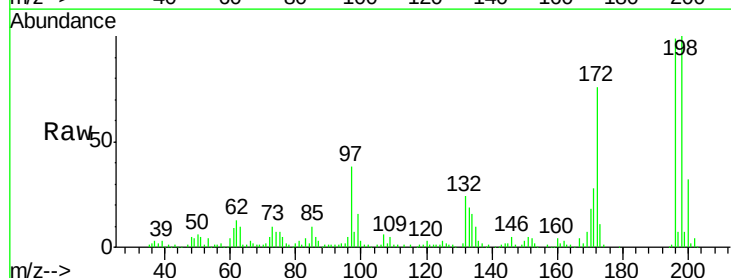
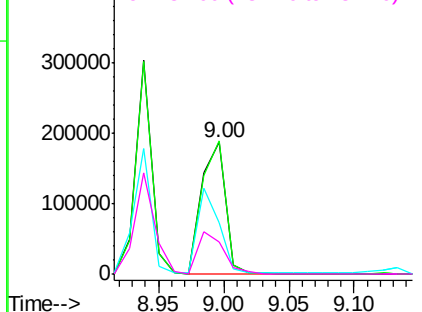
Abundance

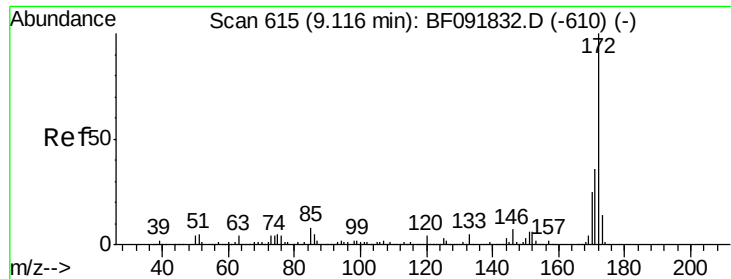
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 111.13 ng

RT: 9.01 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

Tot Ion:172 Resp: 1463389

Ion Ratio Lower Upper

172 100

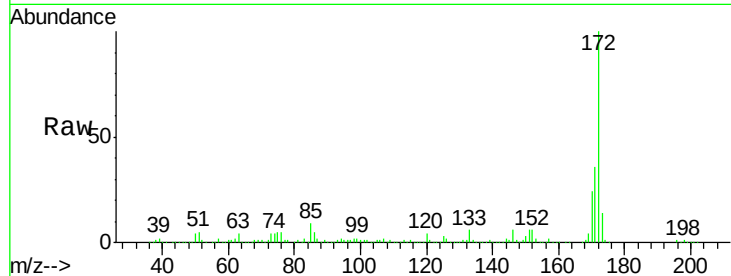
171 35.5 29.4 44.0

170 24.2 20.2 30.4

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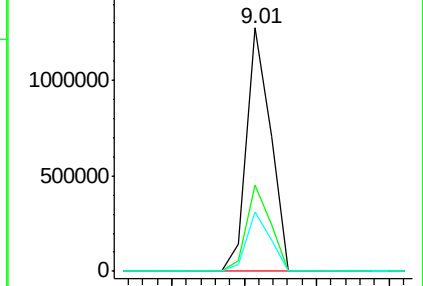
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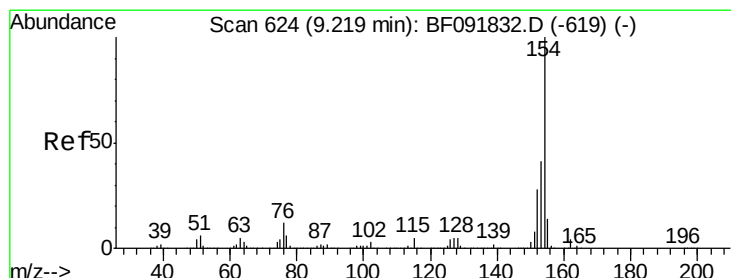
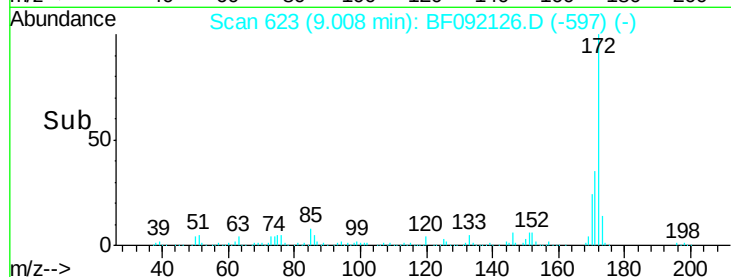
Abundance Ion 172.00 (171.70 to 172.70): E

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: 61.25 ng

RT: 9.11 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

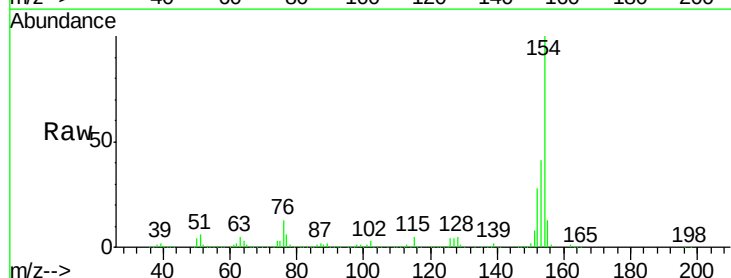
Tgt Ion:154 Resp: 1173307

Ion Ratio Lower Upper

154 100

153 40.7 20.9 60.9

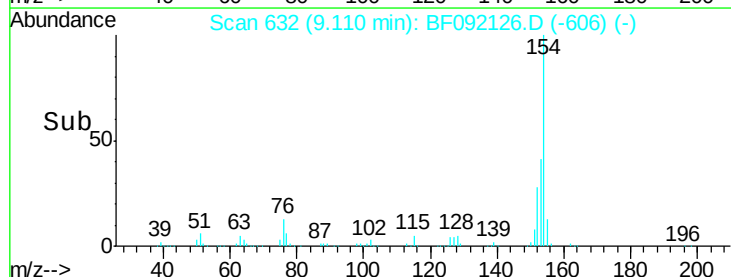
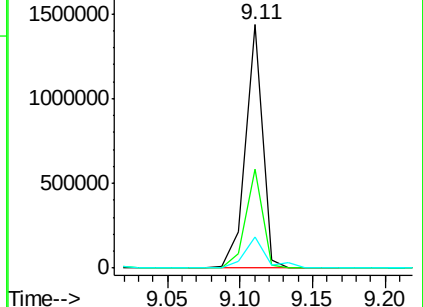
76 12.6 0.0 30.5

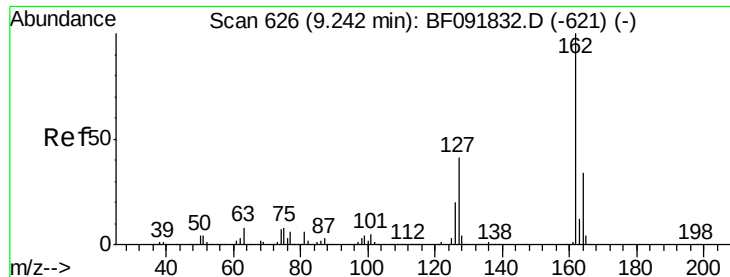


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





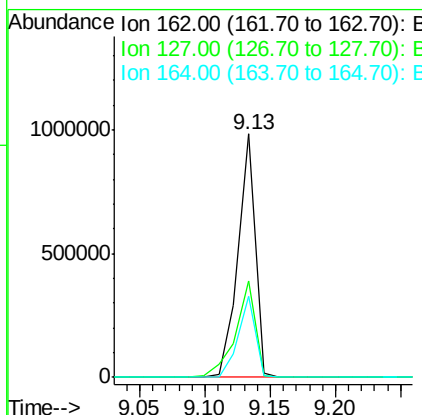
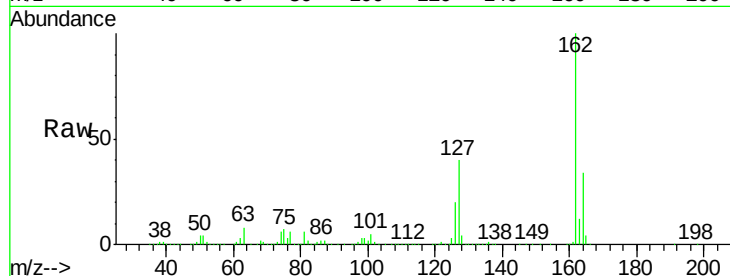
#46
 2-Chloronaphthalene
 Concen: 59.15 ng
 RT: 9.13 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

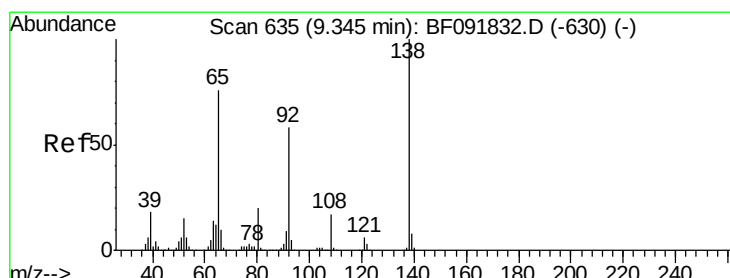
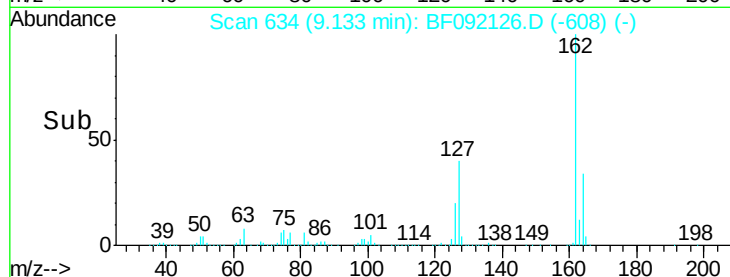
Tot Ion:	162	Resp:	897443
Ion Ratio	Lower	Upper	
162	100		
127	39.8	30.7	46.1
164	33.5	27.6	41.4

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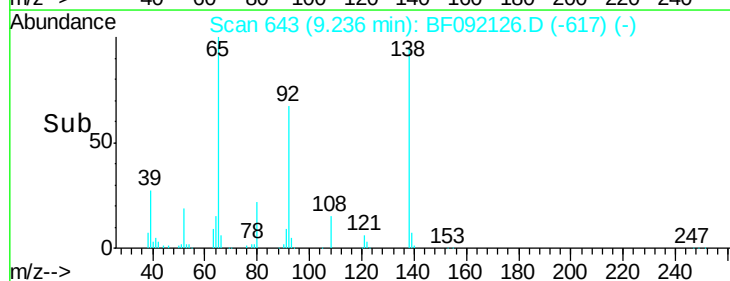
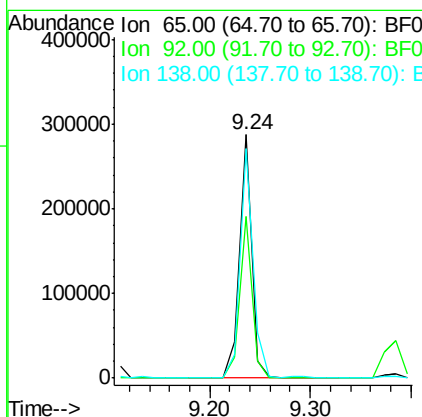
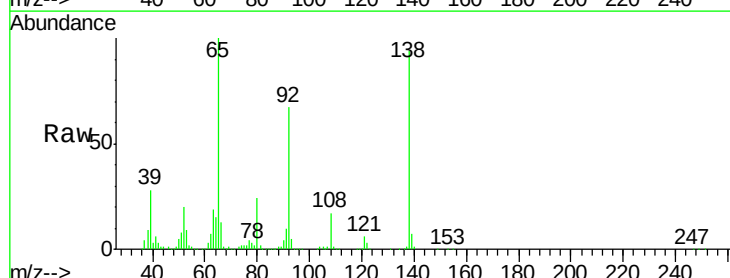


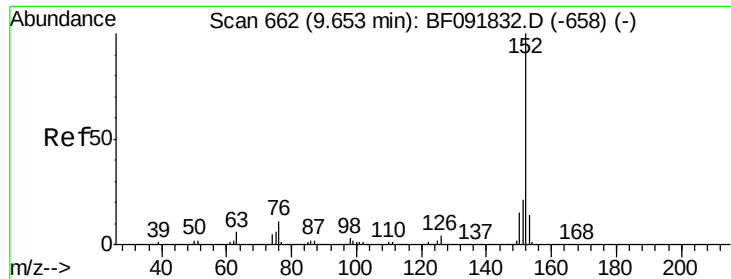
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#47
 2-Nitroaniline
 Concen: 45.35 ng
 RT: 9.24 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF092126.D
 Acq: 6 Jan 2017 19:31

Tgt Ion:	65	Resp:	244952
Ion Ratio	Lower	Upper	
65	100		
92	66.6	53.9	80.9
138	94.2	76.8	115.2





#48

Acenaphthylene

Concen: 55.90 ng

RT: 9.54 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

Tot Ion:152 Resp: 1304275

Ion Ratio Lower Upper

152 100

151 20.2 16.9 25.3

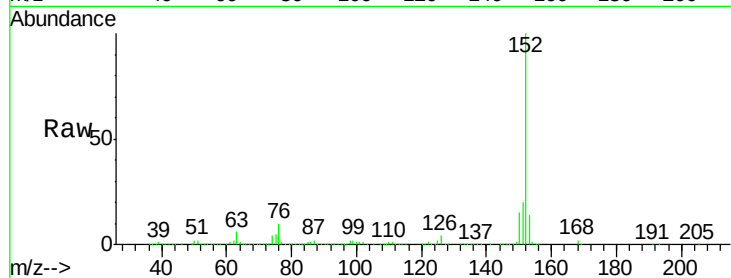
153 14.1 11.4 17.2

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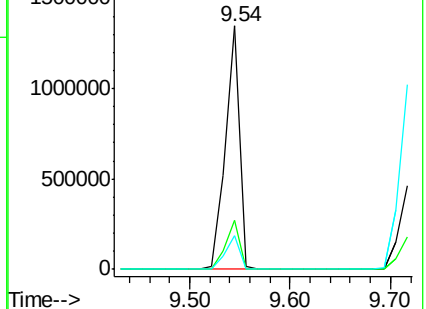
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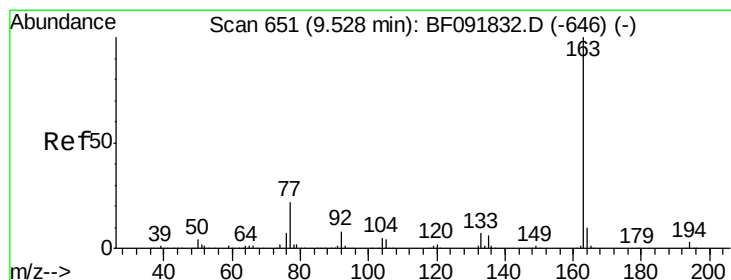
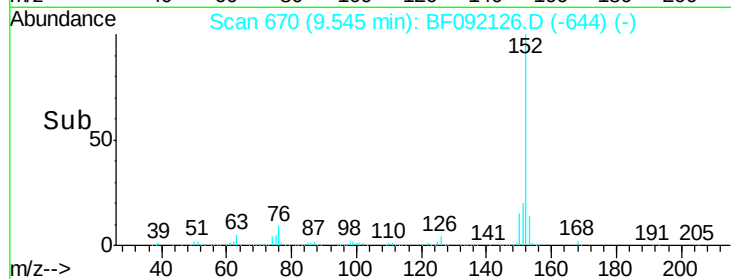
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



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#49

Dimethylphthalate

Concen: 62.76 ng

RT: 9.42 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

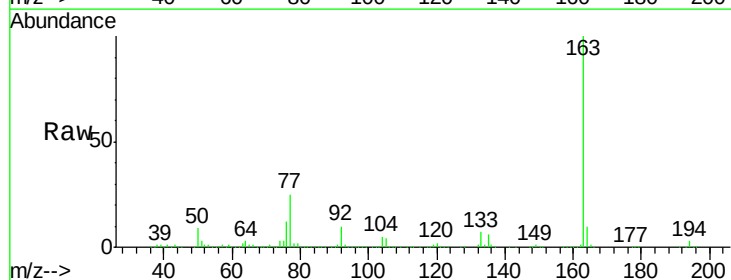
Tgt Ion:163 Resp: 1123163

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

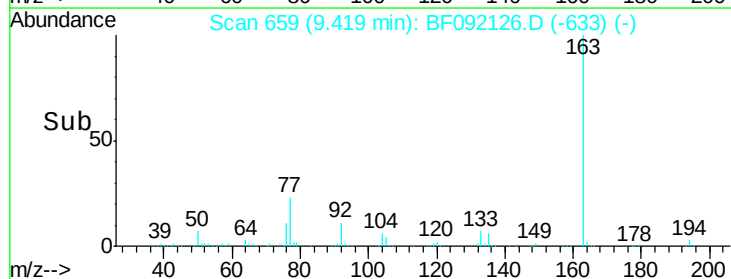
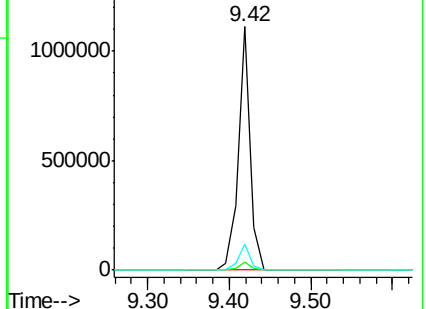
164 10.5 8.0 12.0

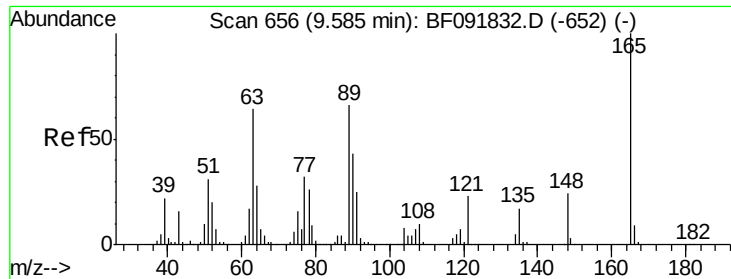


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





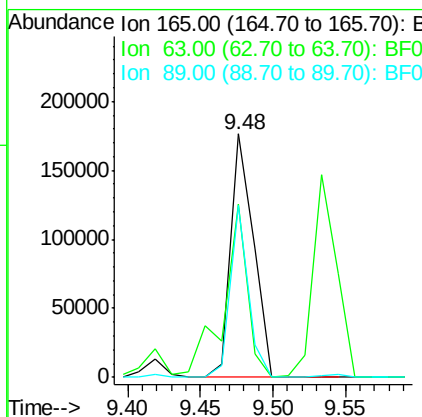
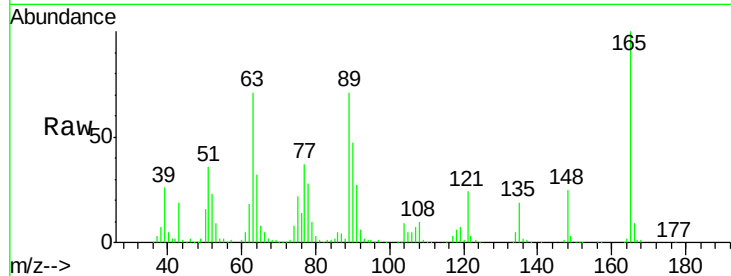
#50
2,6-Dinitrotoluene
Concen: 49.06 ng
RT: 9.48 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

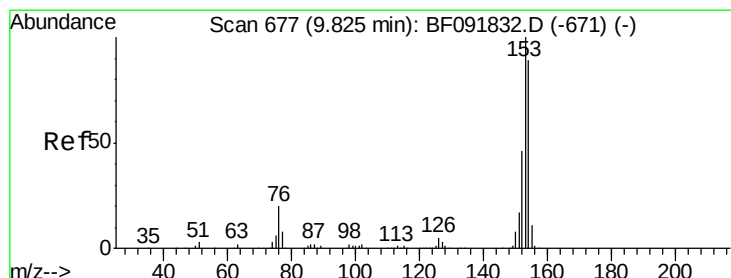
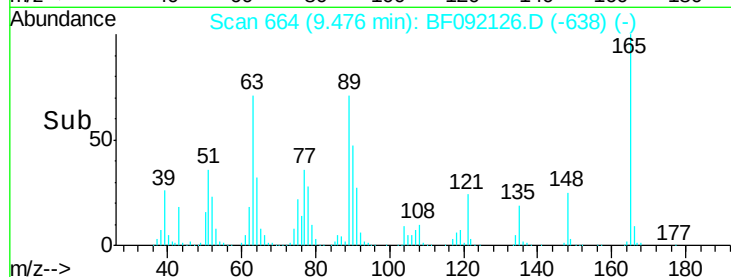
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	71.3	36.2	54.4#
89	70.6	40.2	60.4#

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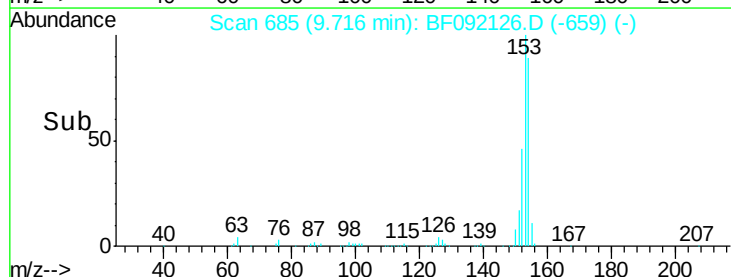
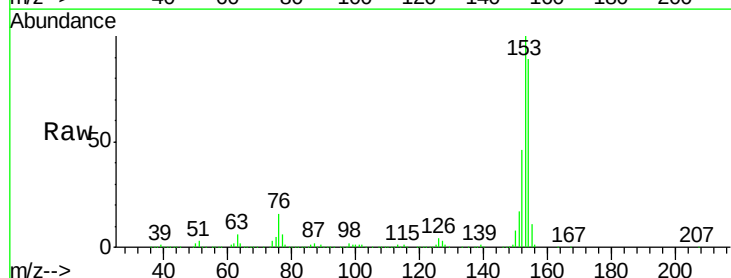
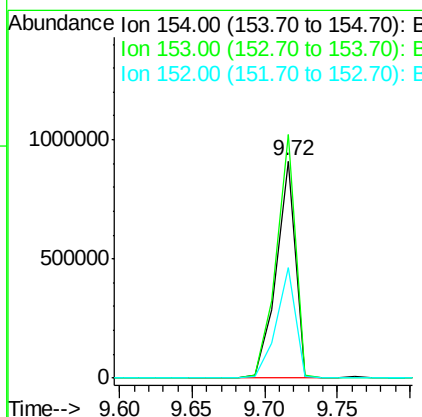


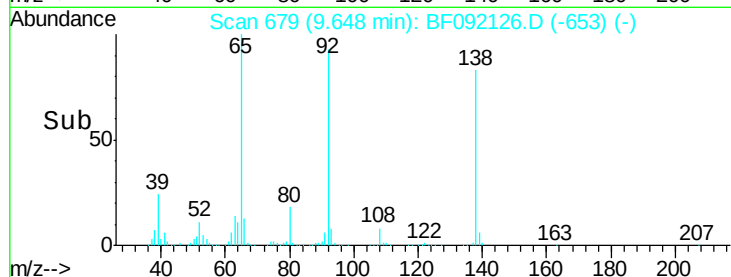
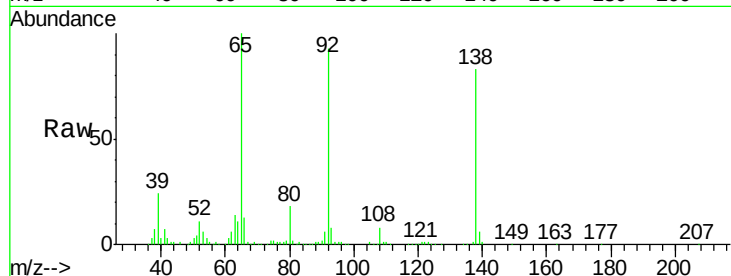
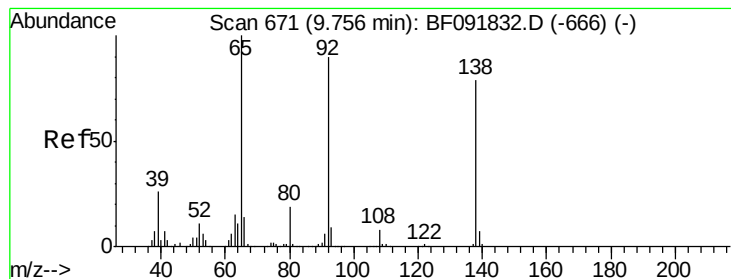
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#51
Acenaphthene
Concen: 52.93 ng
RT: 9.72 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.0	88.6	133.0
152	51.1	41.6	62.4





#52

3-Nitroaniline

Concen: 31.43 ng

RT: 9.65 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Tot Ion:138	Resp:	152337
Ion Ratio	Lower	Upper
138	100	
108	9.7	8.5 12.7
92	112.2	97.8 146.8

Instrument :

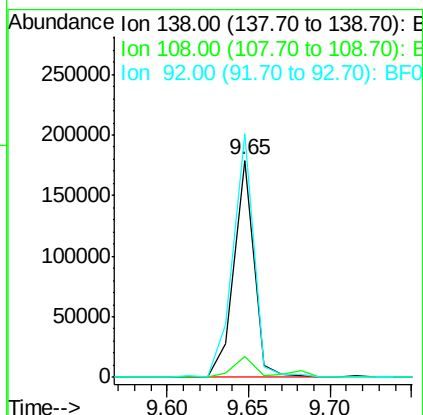
BNA_F

ClientSampleId :

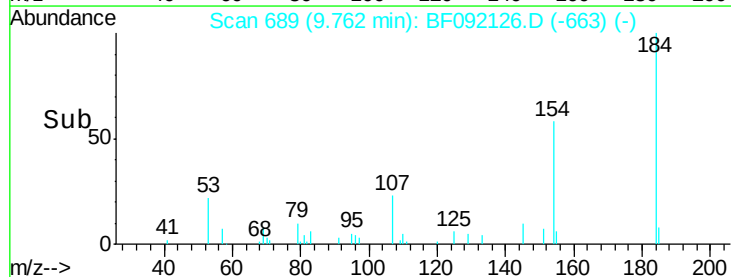
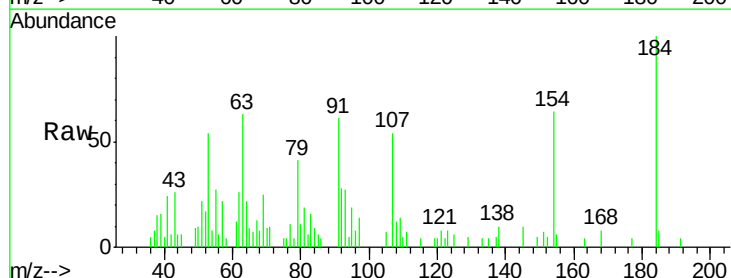
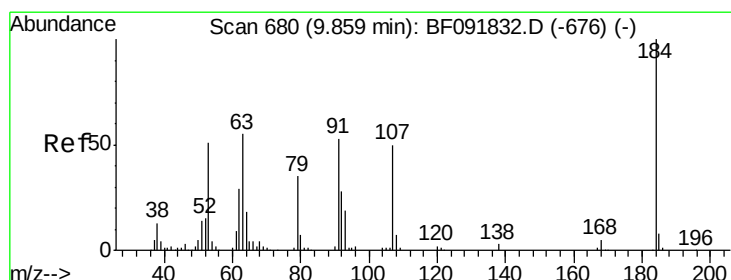
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#53

2,4-Dinitrophenol

Concen: 7.02 ng

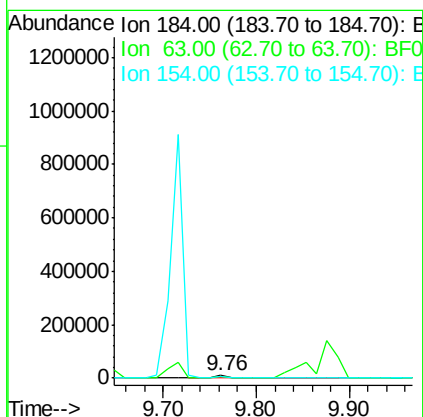
RT: 9.76 min Scan# 689

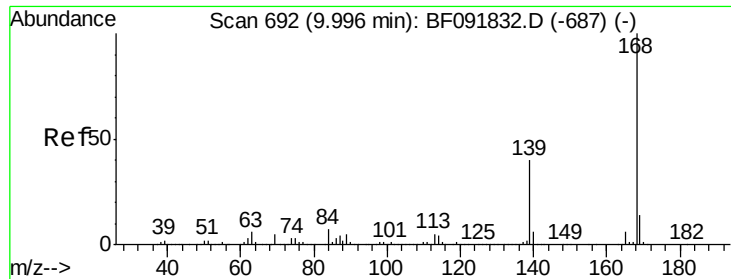
Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Tgt Ion:184	Resp:	15306
Ion Ratio	Lower	Upper
184	100	
63	63.5	28.4 42.6#
154	64.0	44.3 66.5





#54

Dibenzofuran

Concen: 52.94 ng

RT: 9.89 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

Tot Ion:168 Resp: 1130846

Ion Ratio Lower Upper

168 100

139 38.3 32.6 49.0

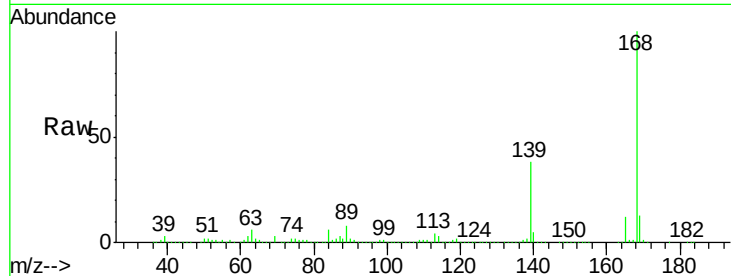
169 13.3 11.3 16.9

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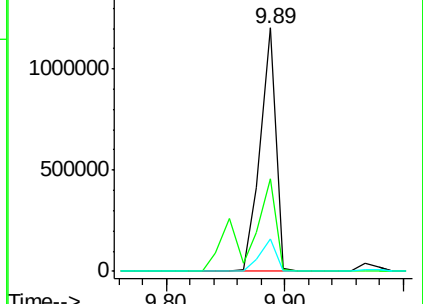
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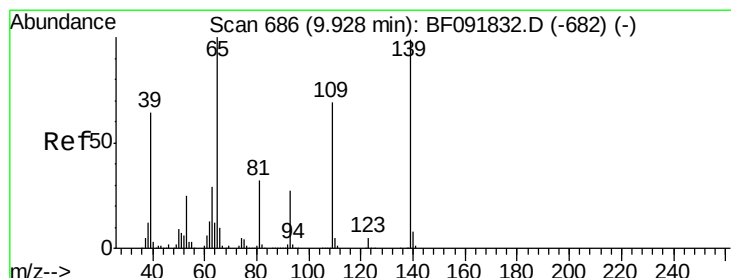
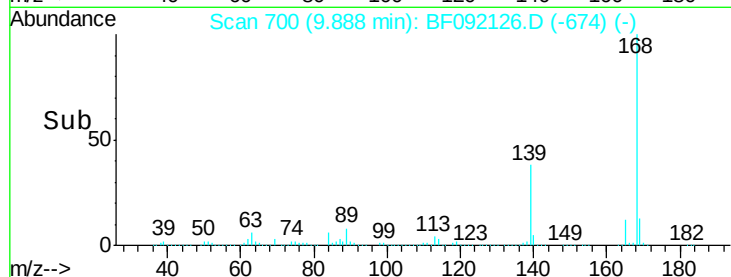
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



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#55

4-Nitrophenol

Concen: 81.17 ng m

RT: 9.85 min Scan# 697

Delta R.T. 0.02 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

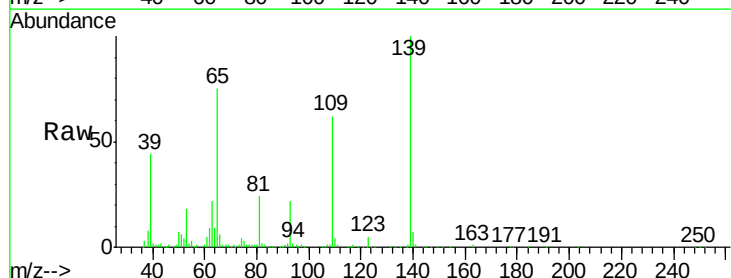
Tgt Ion:139 Resp: 267141

Ion Ratio Lower Upper

139 100

109 61.7 52.2 92.2

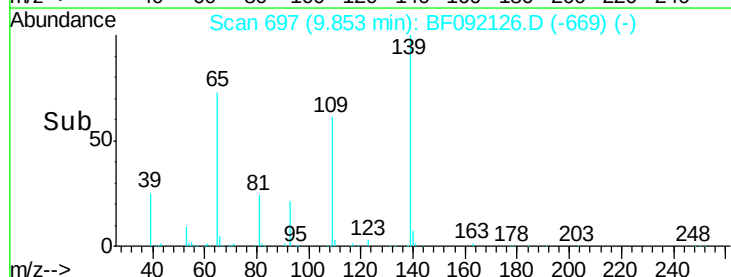
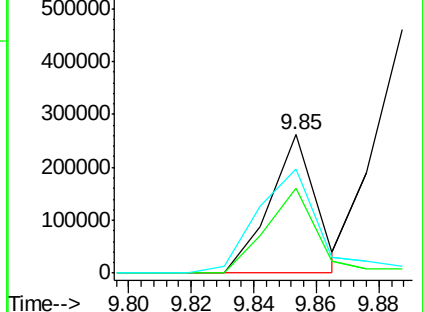
65 75.3 85.8 125.8#

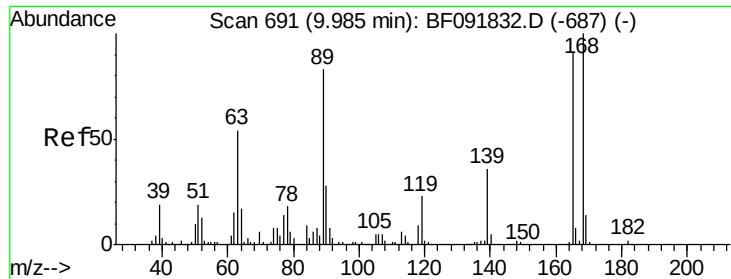


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





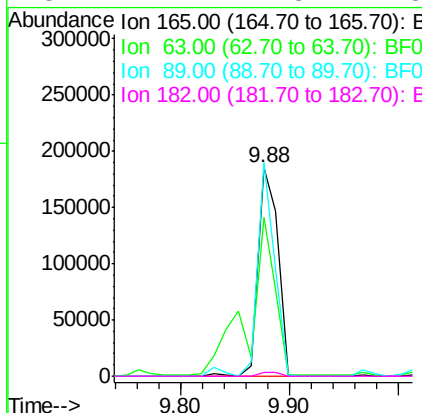
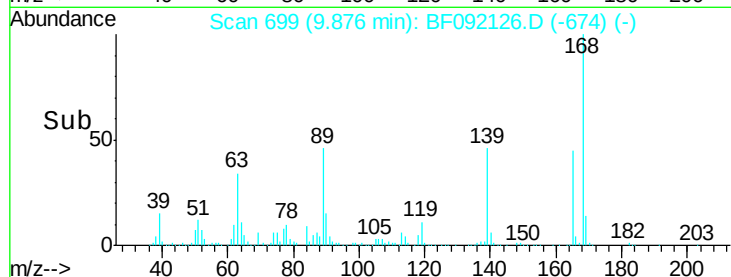
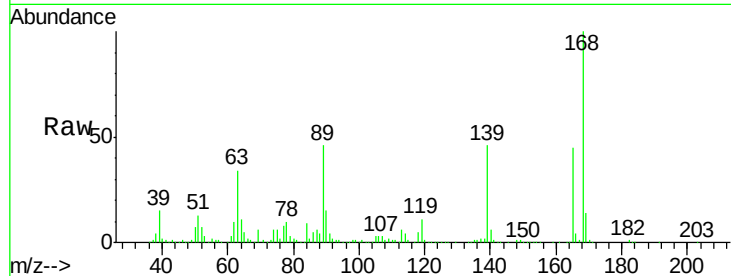
#56
2,4-Dinitrotoluene
Concen: 48.55 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

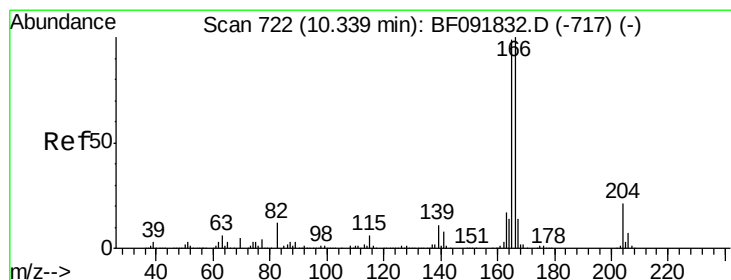
Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	76.3	40.2	60.4#
89	102.4	62.5	93.7#
182	2.1	1.8	2.8

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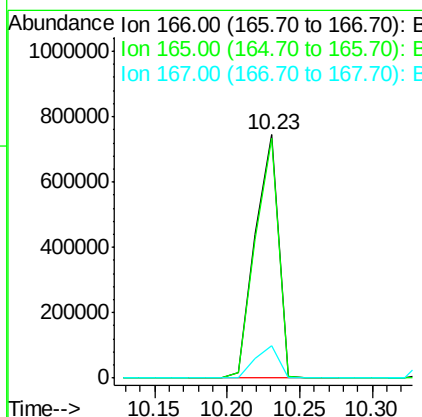
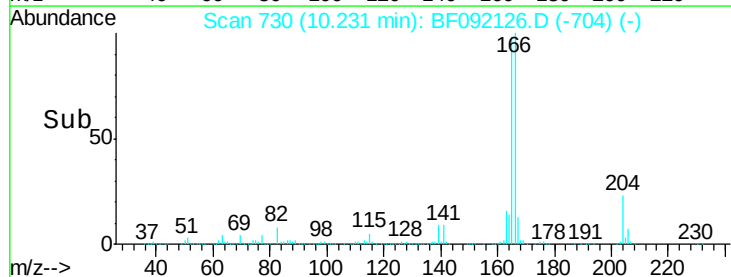
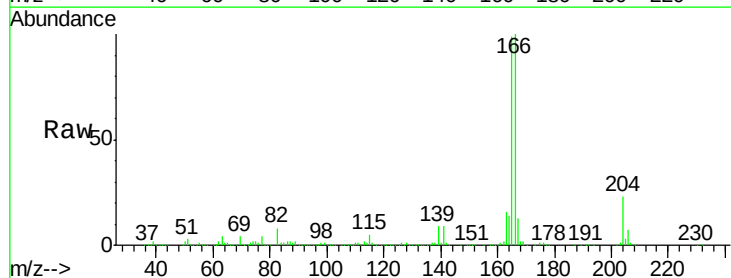


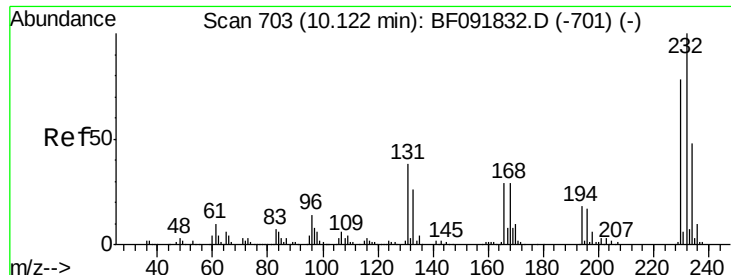
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#57
Fluorene
Concen: 53.52 ng
RT: 10.23 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.5	77.8	116.8
167	13.2	10.8	16.2





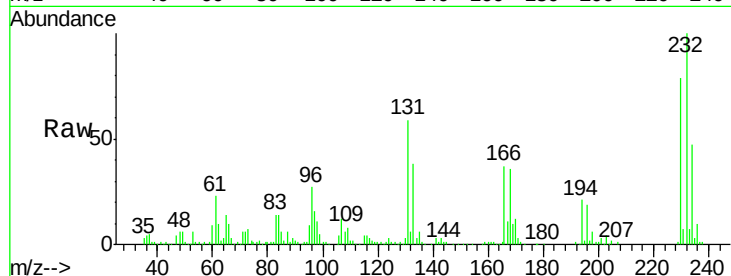
#58
2,3,4,6-Tetrachlorophenol
Concen: 45.85 ng
RT: 10.01 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	184503		
131	50.8		40.1	60.1
130	3.0		1.8	2.8
166	32.1		26.6	39.8

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Abundance

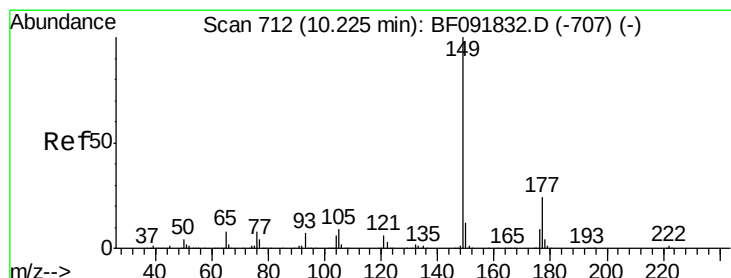
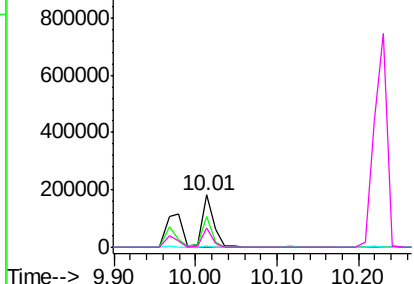
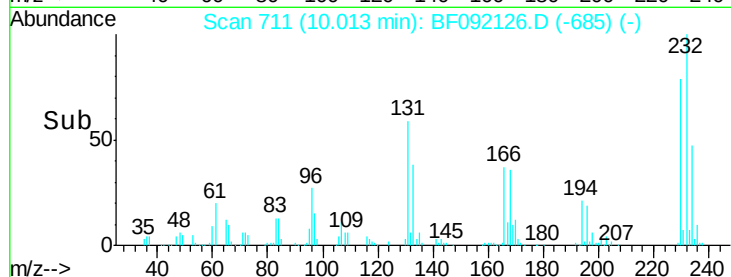
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

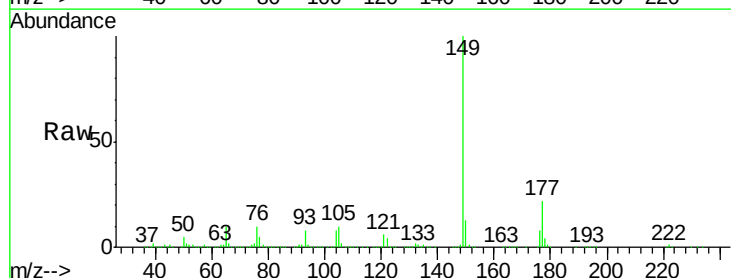
Ion 166.00 (165.70 to 166.70): E

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#59
Diethylphthalate
Concen: 51.62 ng
RT: 10.12 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	897167		
177	21.9		16.6	25.0
150	12.5		10.4	15.6

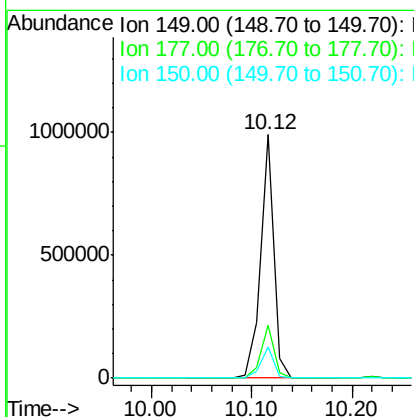
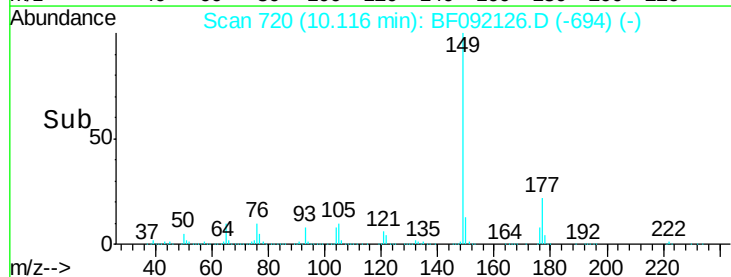


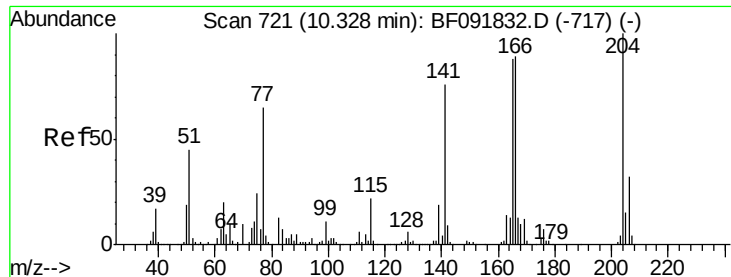
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 50.40 ng

RT: 10.22 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

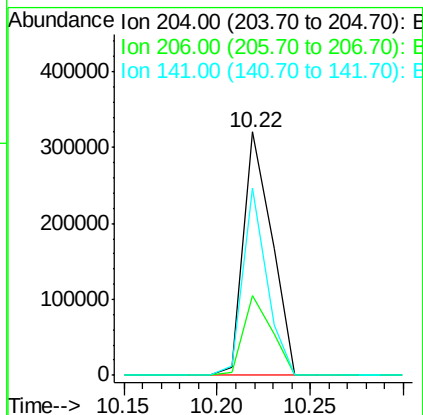
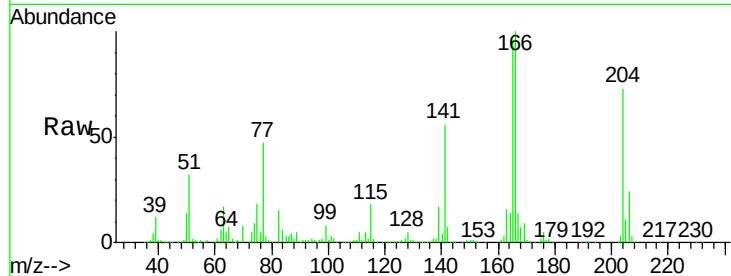
ClientSampleId :

TP7-8-COMP10MSD

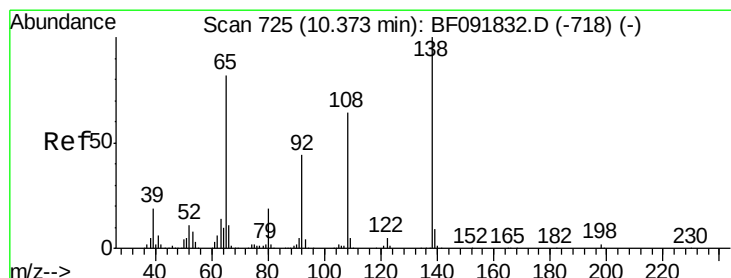
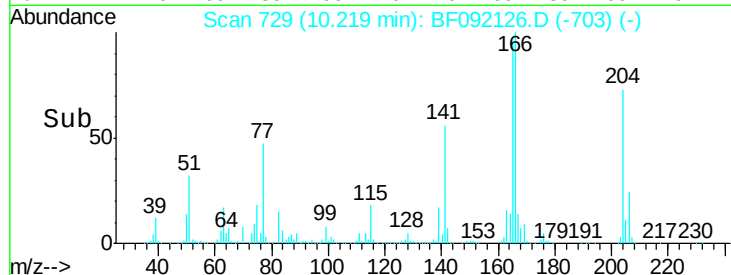
Tot Ion:	204	Resp:	342957
Ion Ratio	Lower	Upper	
204	100		
206	32.5	25.8	38.6
141	76.9	59.4	89.0

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#61

4-Nitroaniline

Concen: 36.70 ng

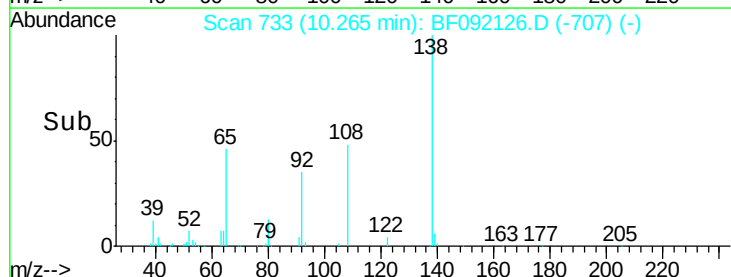
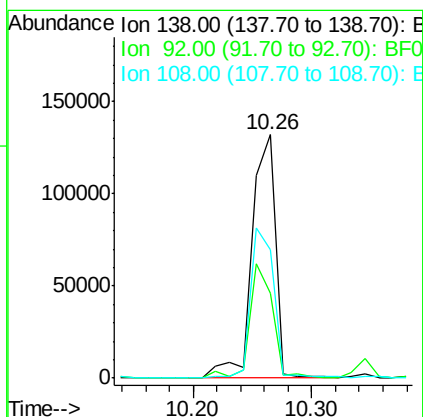
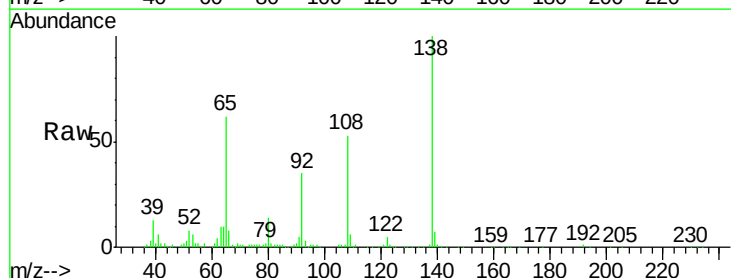
RT: 10.26 min Scan# 733

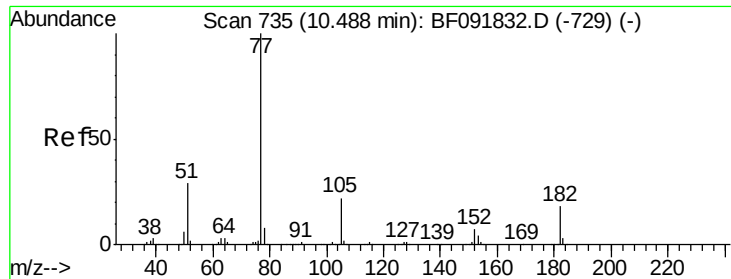
Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Tgt Ion:	138	Resp:	184340
Ion Ratio	Lower	Upper	
138	100		
92	35.1	31.7	71.7
108	52.6	52.6	92.6





#62

Azobenzene

Concen: 49.93 ng

RT: 10.38 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Tot Ion	Ratio	Resp	Lower	Upper
77	100	955397		
182	19.4	0.0	39.3	
105	22.8	2.3	42.3	
51	27.5	8.9	48.9	

Instrument :

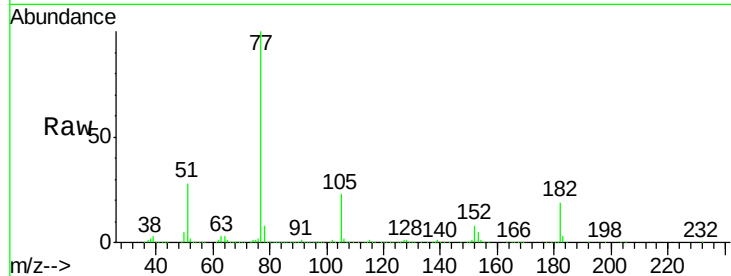
BNA_F

ClientSampleId :

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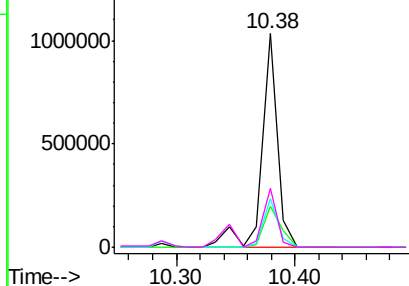


Abundance Ion 77.00 (76.70 to 77.70): BF0

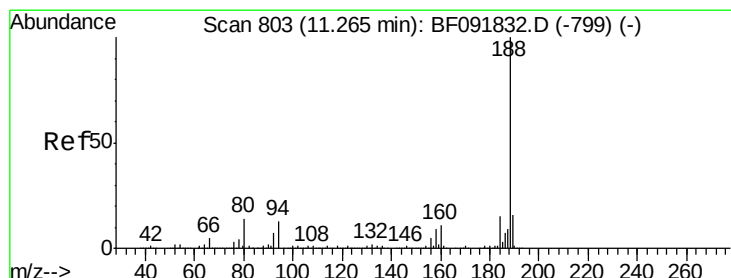
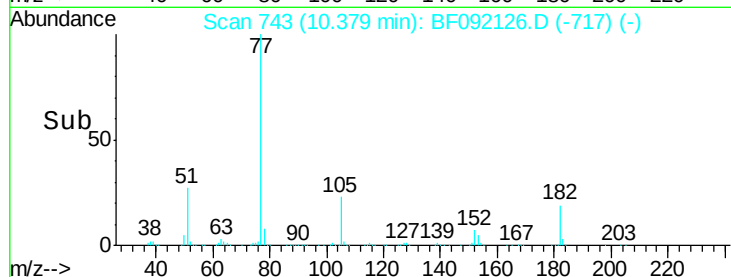
Ion 182.00 (181.70 to 182.70): E

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

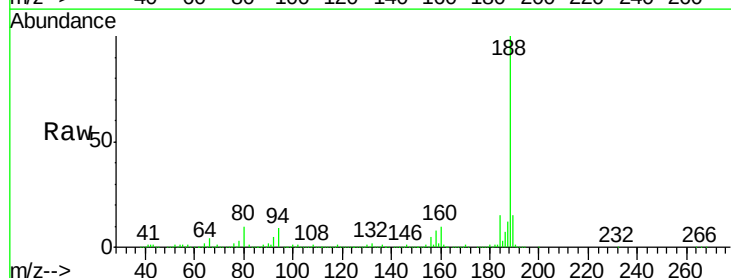
RT: 11.16 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

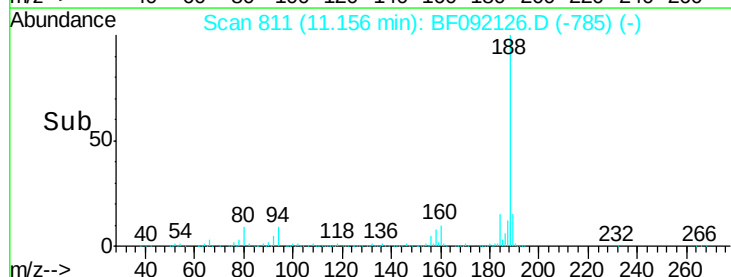
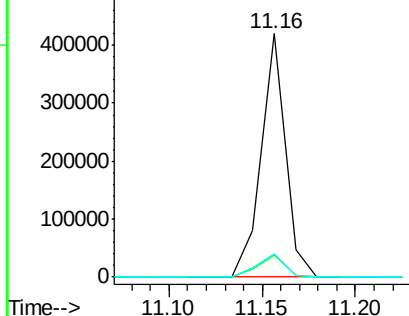
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	377039		
94	9.3	10.0	15.0#	
80	9.6	11.2	16.8#	

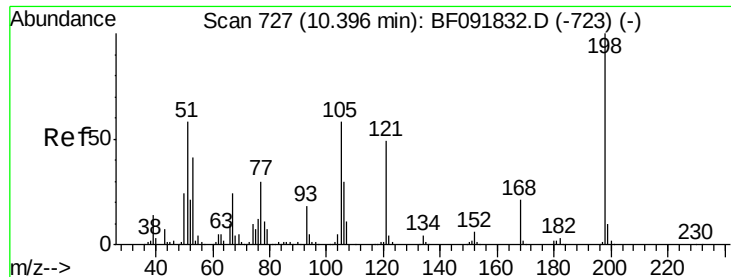


Abundance Ion 188.00 (187.70 to 188.70): E

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: 25.28 ng

RT: 10.29 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

Tot Ion:198 Resp: 57638

Ion Ratio Lower Upper

198 100

51 50.5 6.7 46.7#

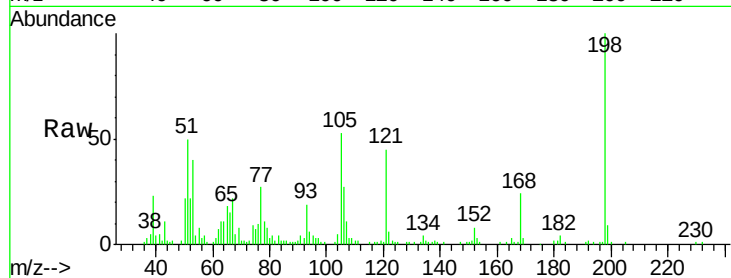
105 52.9 16.6 56.6

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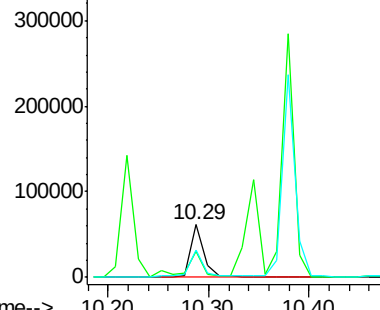
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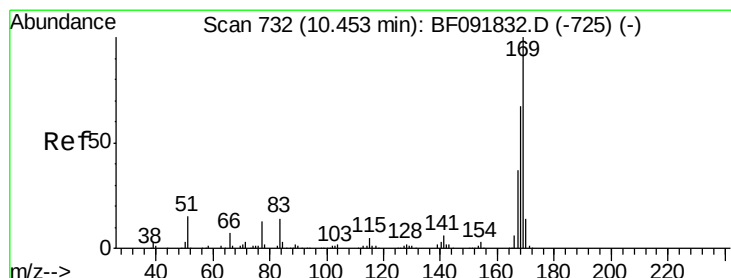
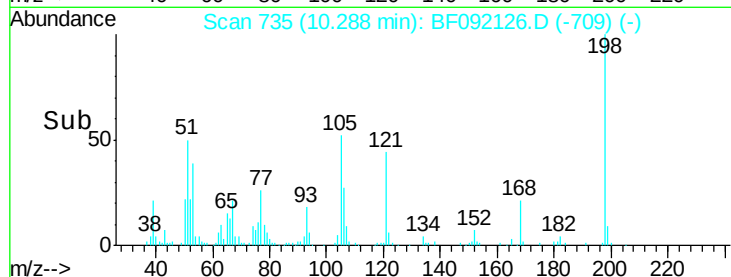
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



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#65

n-Nitrosodiphenylamine

Concen: 61.46 ng

RT: 10.34 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

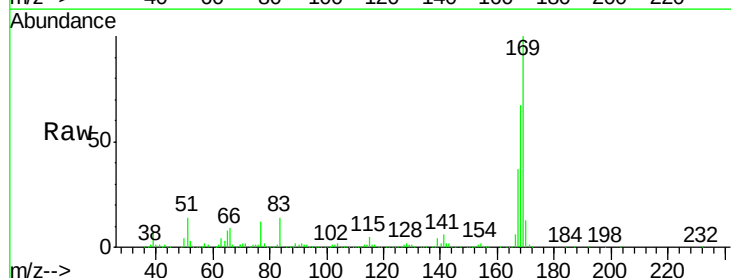
Tgt Ion:169 Resp: 687660

Ion Ratio Lower Upper

169 100

168 67.2 54.2 81.2

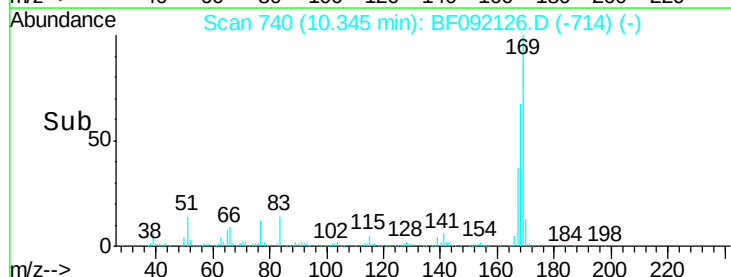
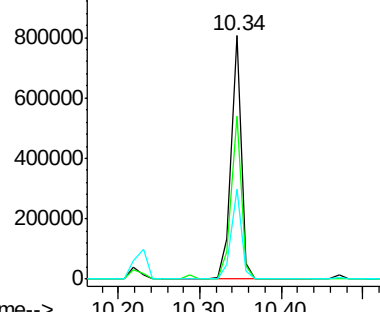
167 36.8 30.2 45.4

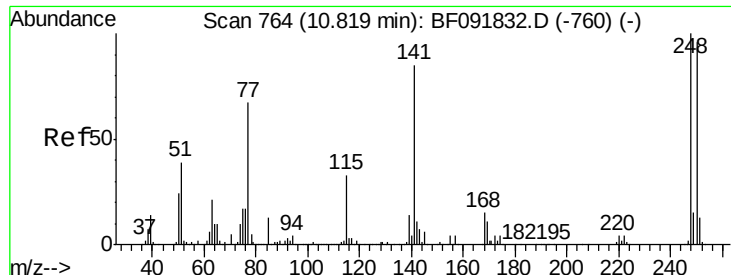


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





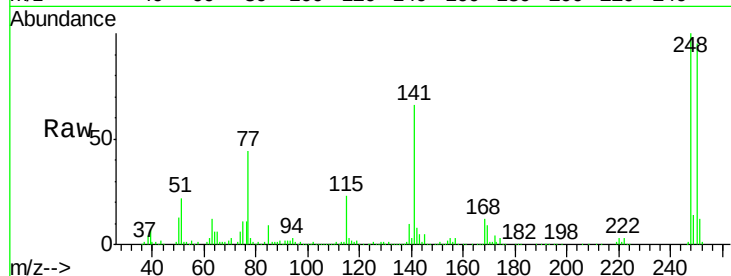
#66
4-Bromophenyl-phenylether
Concen: 61.48 ng
RT: 10.71 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

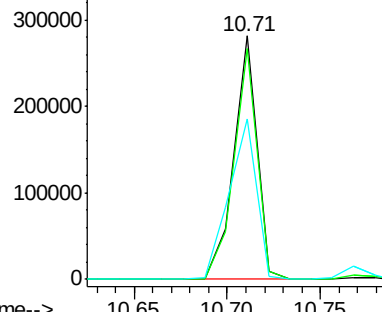
Tot Ion	Ratio	Lower	Upper
248	100		
250	94.9	76.9	115.3
141	65.7	68.2	102.4

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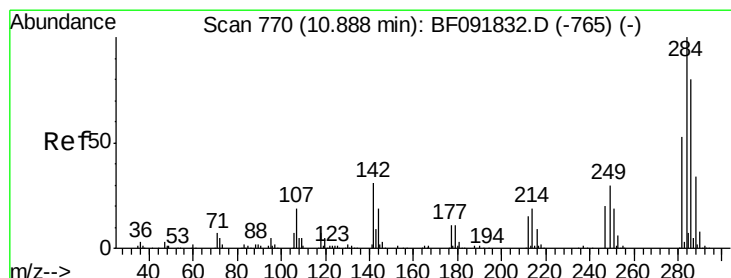
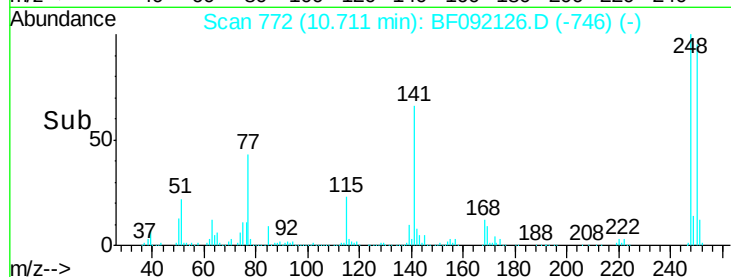
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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



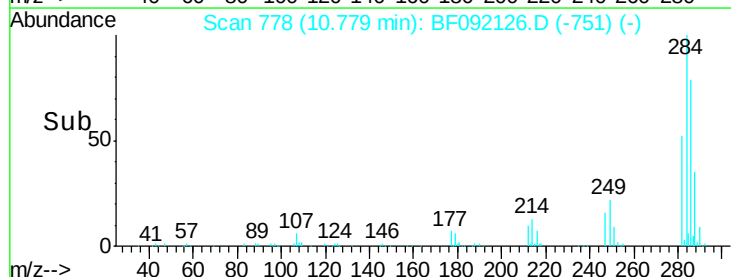
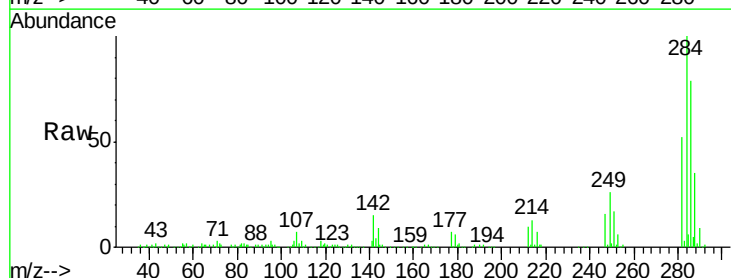
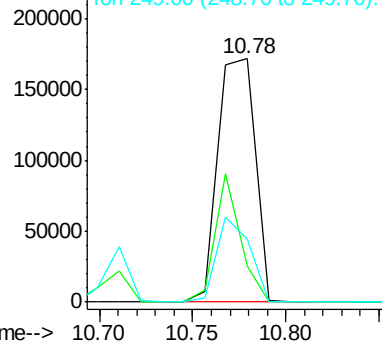
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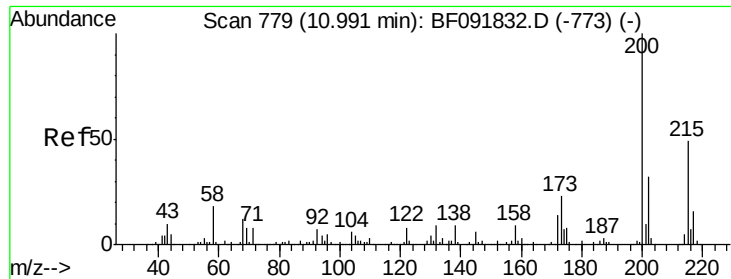


#67
Hexachlorobenzene
Concen: 56.86 ng
RT: 10.78 min Scan# 778
Delta R.T. 0.01 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	15.1	22.6	33.8
249	25.8	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





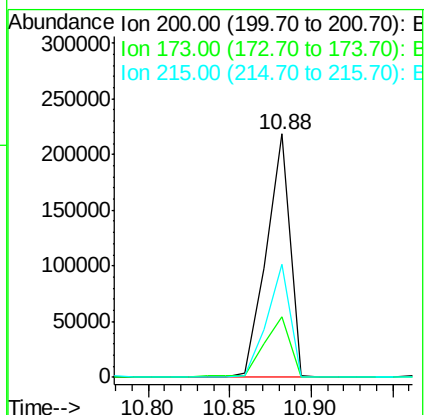
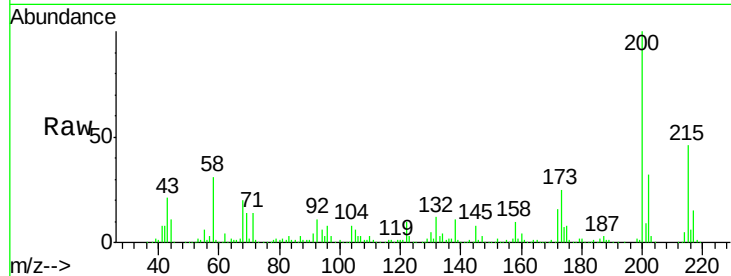
#68
Atrazine
Concen: 61.17 ng
RT: 10.88 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

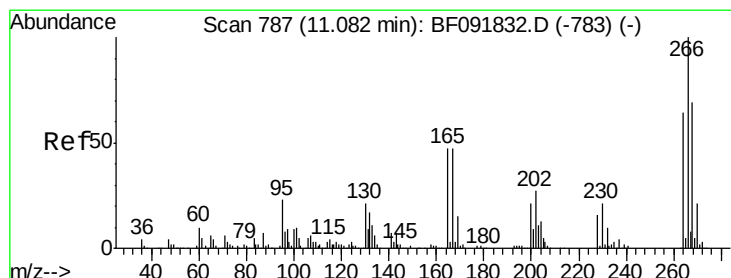
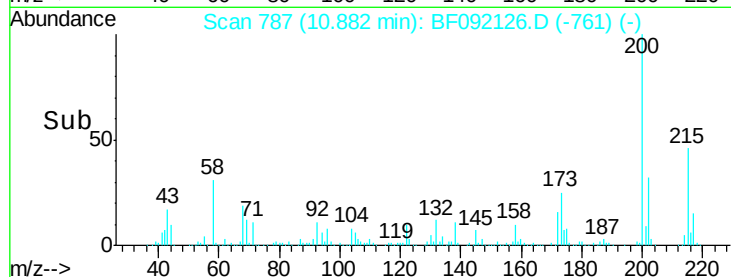
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	9.6	49.6
215	46.4	25.7	65.7

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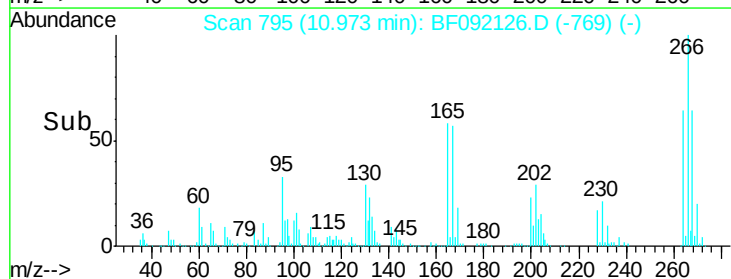
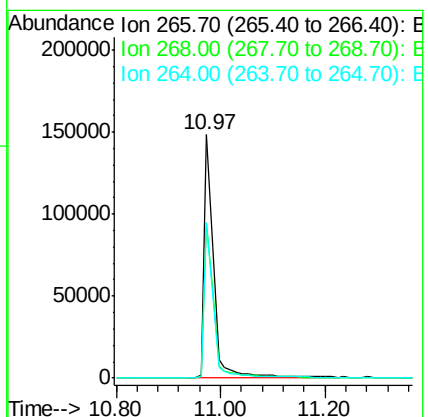
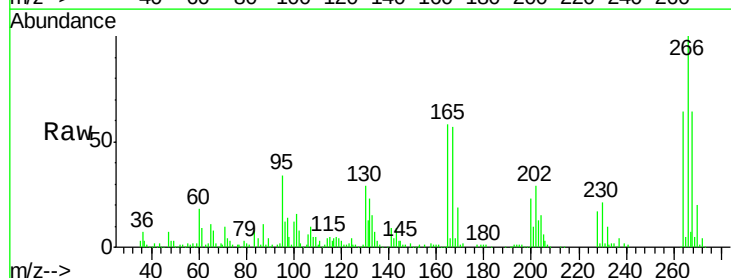


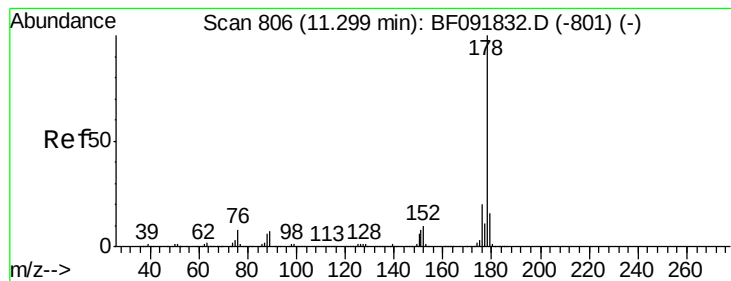
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#69
Pentachlorophenol
Concen: 93.43 ng
RT: 10.97 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	53.3	79.9
264	63.6	50.3	75.5





#70

Phenanthrene

Concen: 51.22 ng

RT: 11.18 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

Tot Ion:178 Resp: 1047165

Ion Ratio Lower Upper

178 100

176 19.8 16.6 25.0

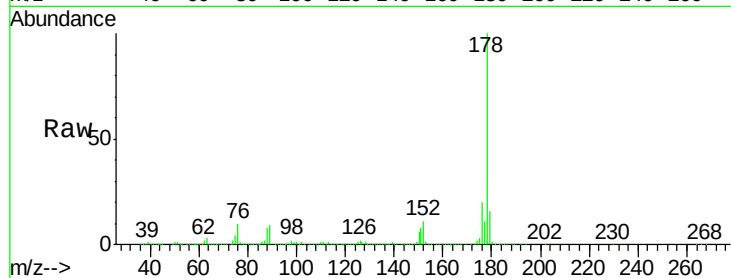
179 15.8 12.8 19.2

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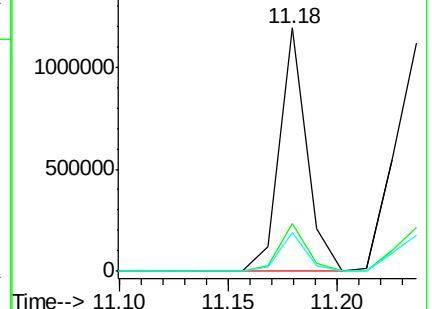
1/9/2017 10:48:08 AM



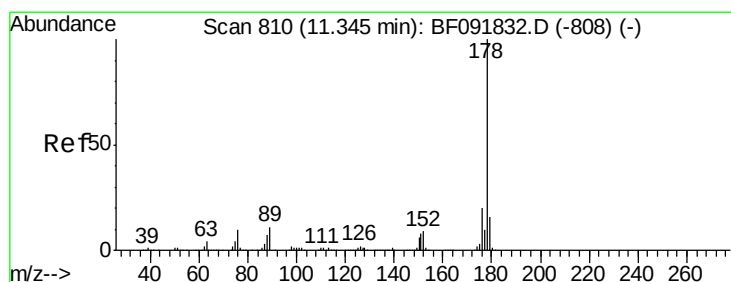
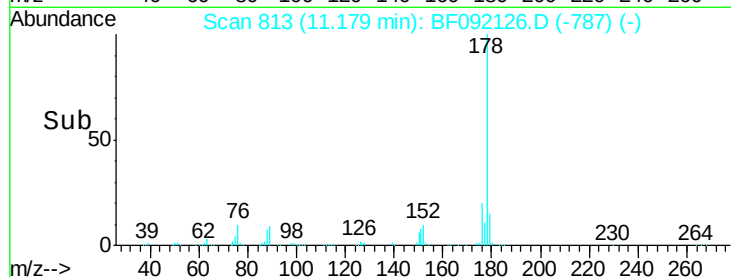
Abundance Ion 178.00 (177.70 to 178.70): E

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: Below Cal

RT: 11.24 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

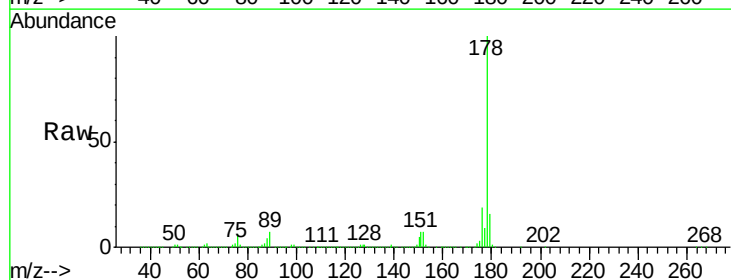
Tgt Ion:178 Resp: 1166945

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

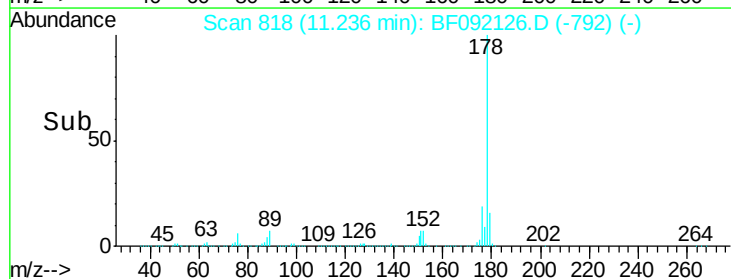
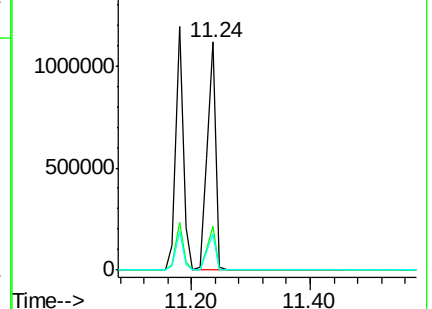
179 15.6 13.2 19.8

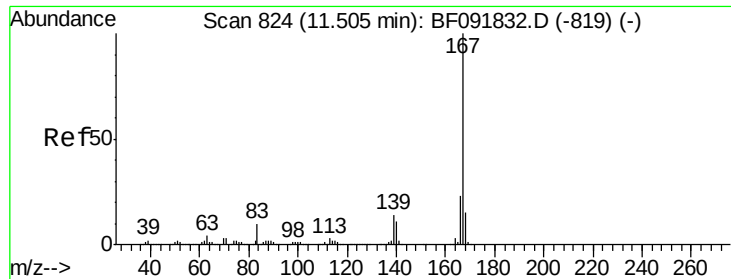


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: Below Cal

RT: 11.40 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

Tot Ion:167 Resp: 1016260

Ion Ratio Lower Upper

167 100

166 21.7 18.2 27.2

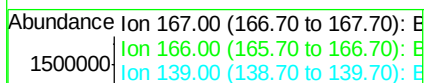
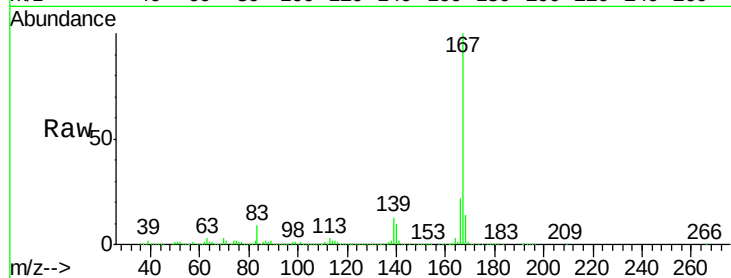
139 13.5 11.4 17.2

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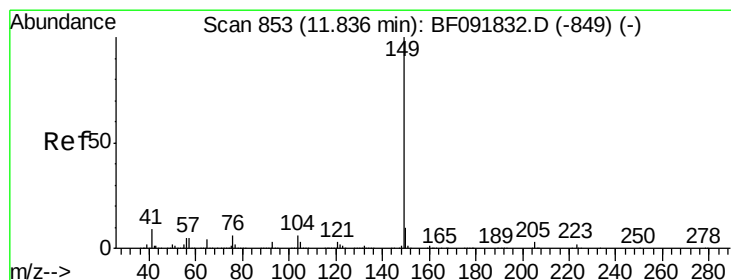
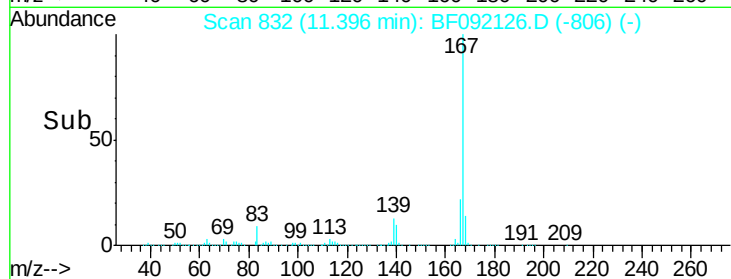
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#73

Di-n-butylphthalate

Concen: 64.23 ng

RT: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

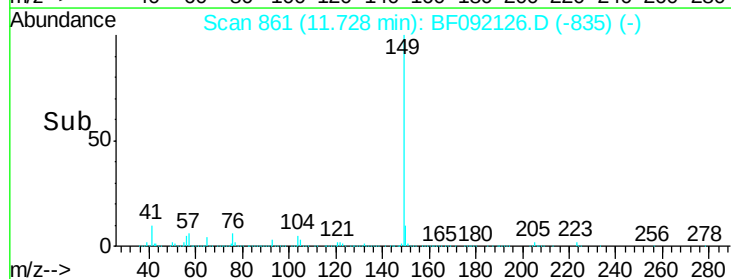
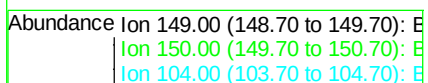
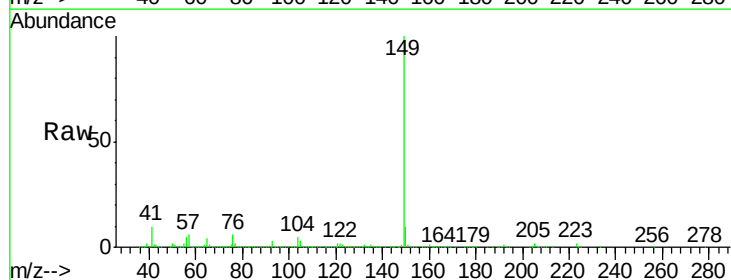
Tgt Ion:149 Resp: 1210266

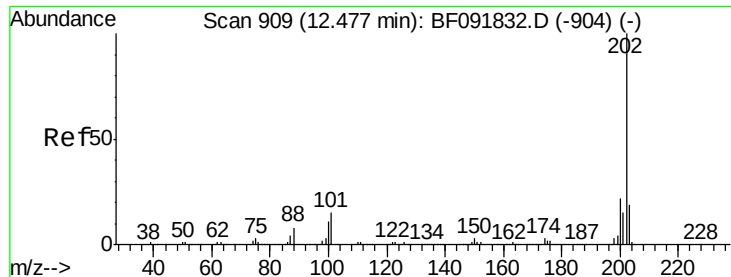
Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

104 5.5 4.6 7.0





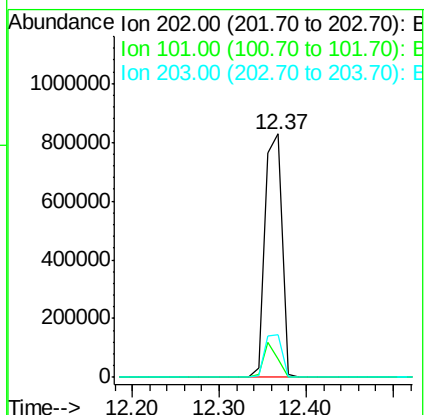
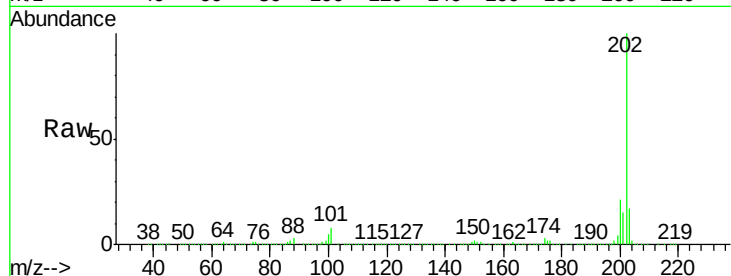
#74
Fluoranthene
Concen: 64.42 ng
RT: 12.37 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

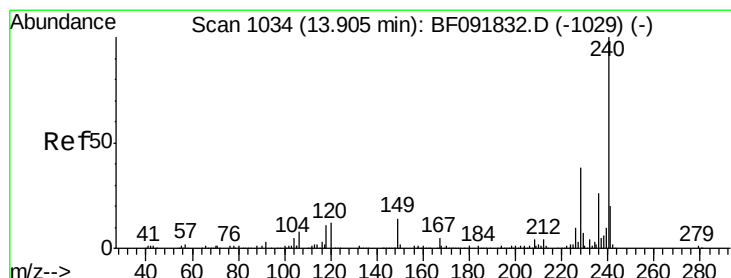
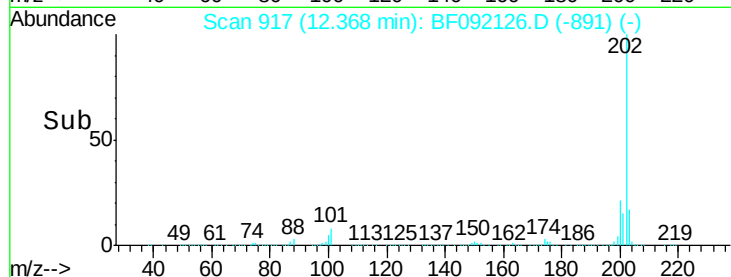
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	34.6
203	17.4	0.0	38.7

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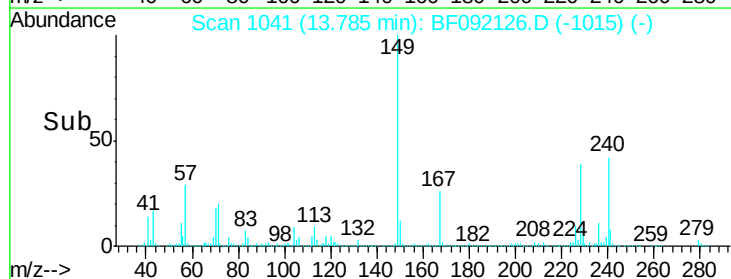
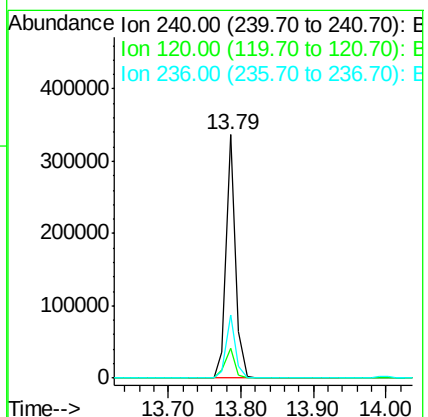
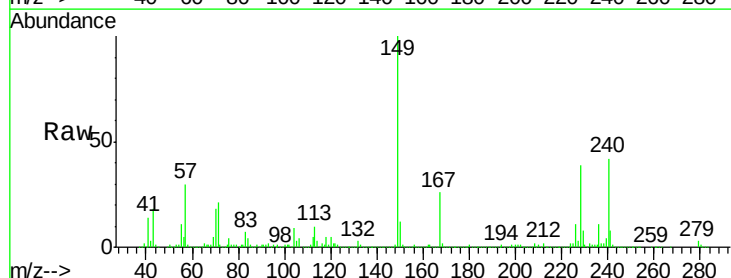


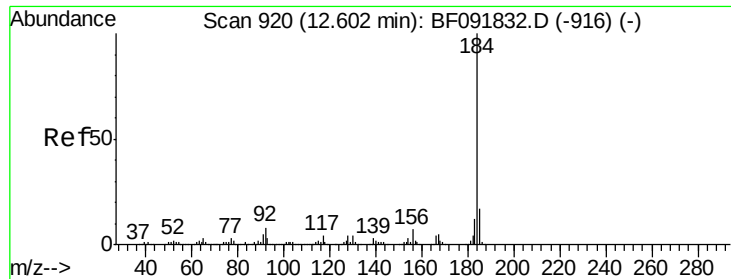
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	12.9	19.3#
236	25.7	20.9	31.3





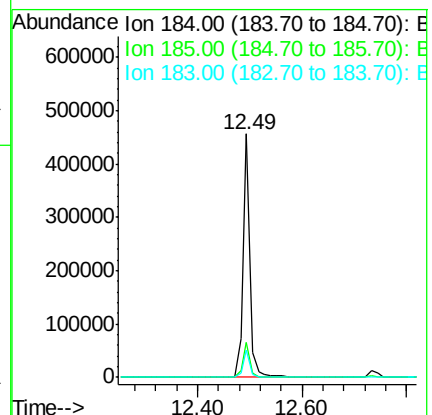
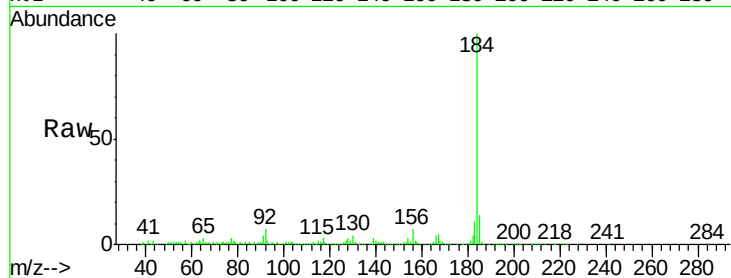
#76
Benzidine
Concen: 57.70 ng
RT: 12.49 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

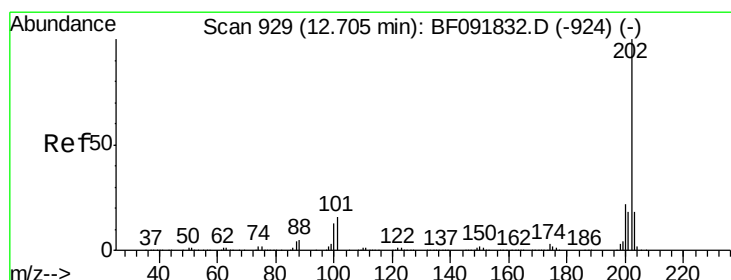
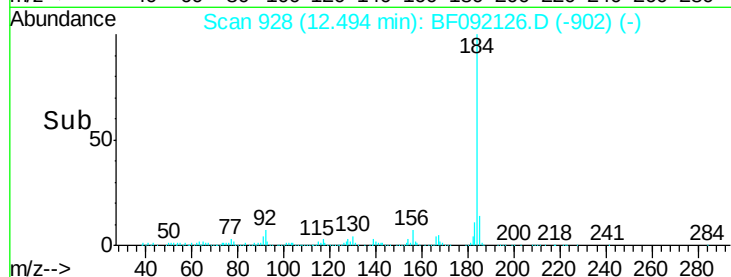
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.4	20.0
183	11.1	9.2	13.8

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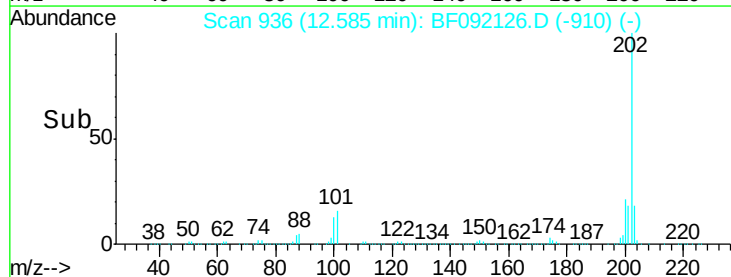
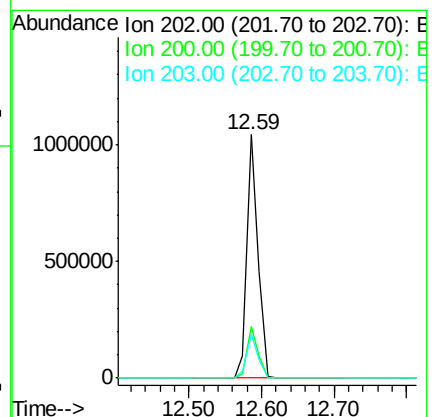
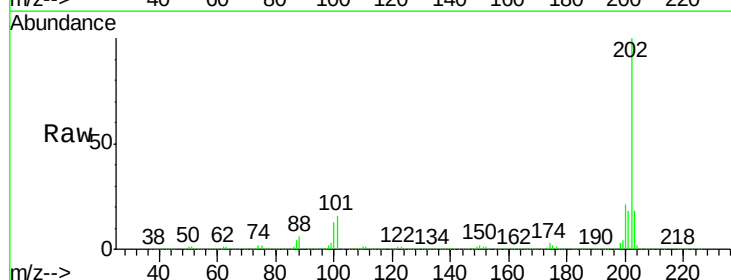


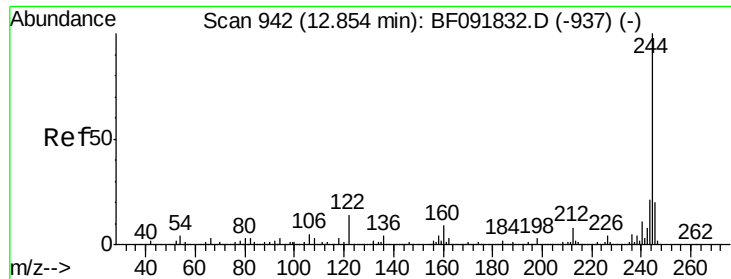
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#77
Pyrene
Concen: 48.99 ng
RT: 12.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	18.2	14.7	22.1





#78

Terphenyl-d14

Concen: 86.22 ng

RT: 12.75 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

Tot Ion:244 Resp: 1092710

Ion Ratio Lower Upper

244 100

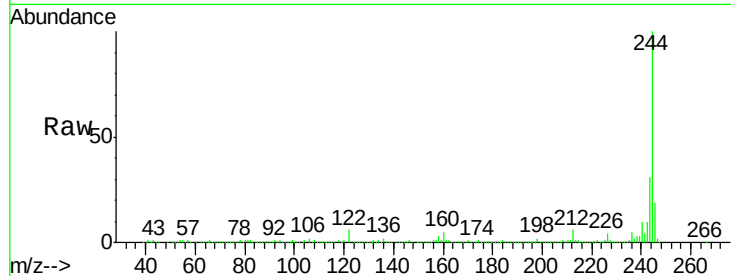
212 6.1 6.2 9.2#

122 6.1 11.4 17.2#

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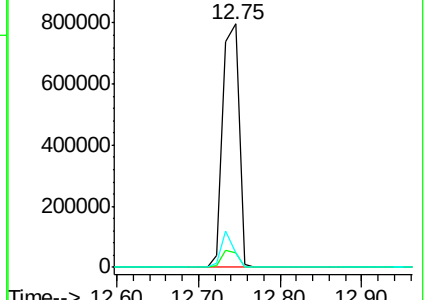
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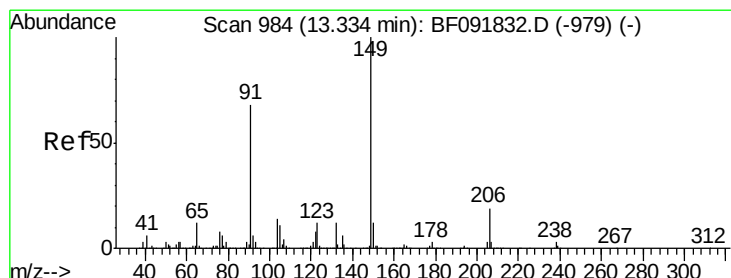
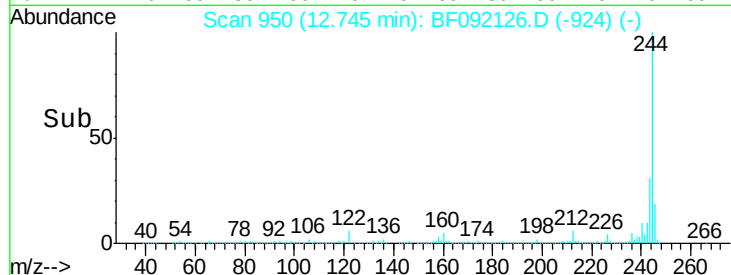
Abundance Ion 244.00 (243.70 to 244.70): E

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: 54.31 ng

RT: 13.23 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF092126.D

Acq: 6 Jan 2017 19:31

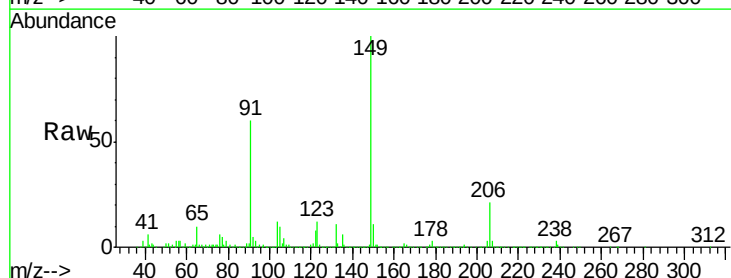
Tgt Ion:149 Resp: 557076

Ion Ratio Lower Upper

149 100

91 60.1 63.9 95.9#

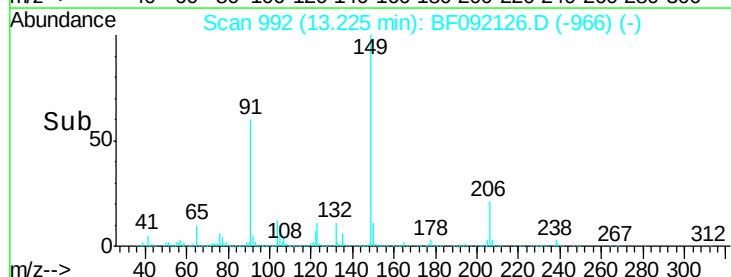
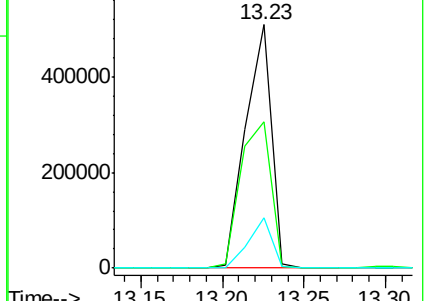
206 20.8 14.6 21.8

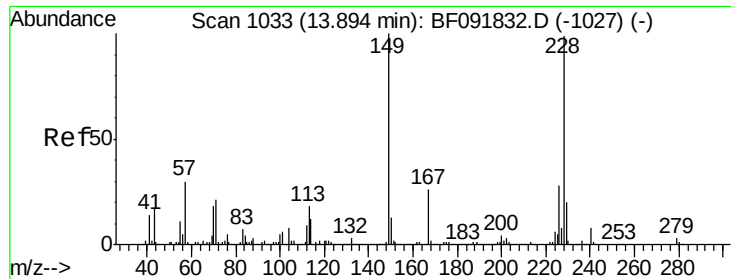


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





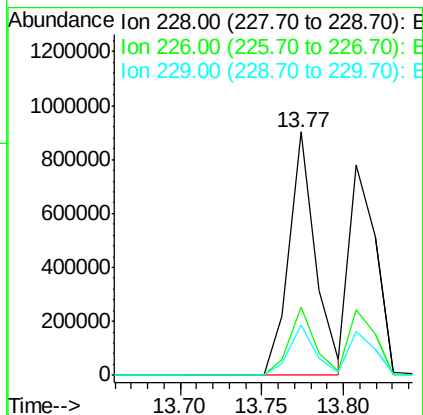
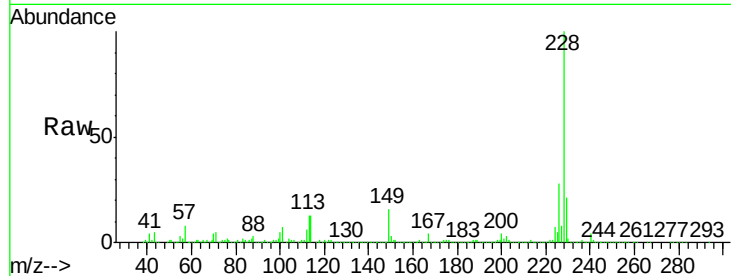
#80
Benzo(a)anthracene
Concen: 59.03 ng
RT: 13.77 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

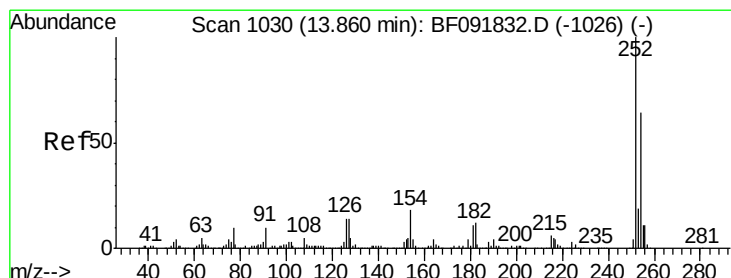
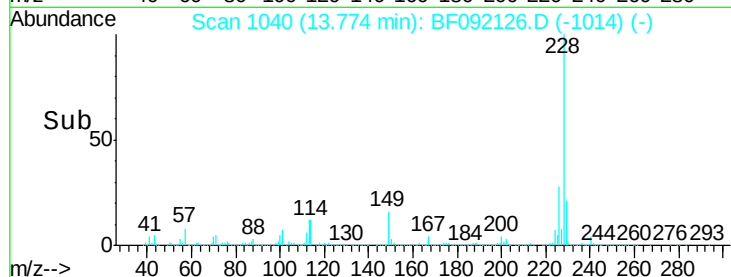
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.4	33.6
229	20.6	16.2	24.4

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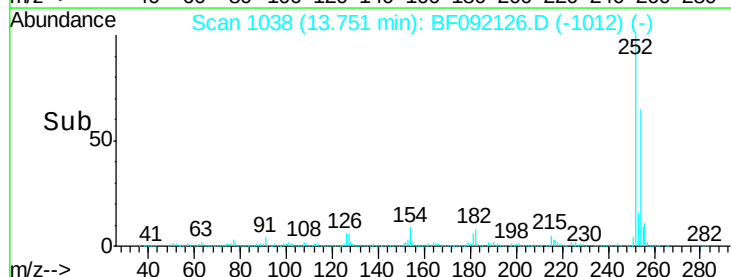
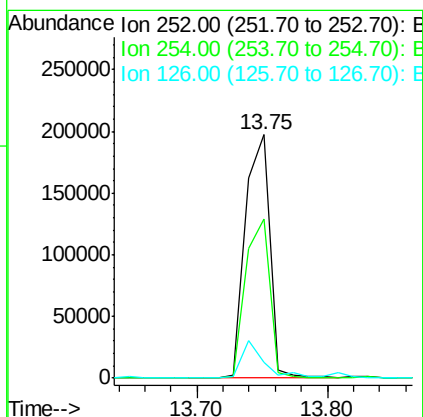
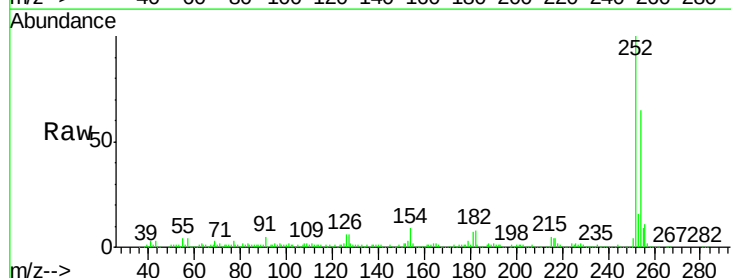


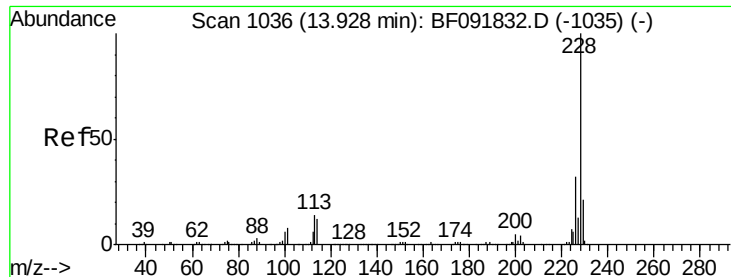
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#81
3,3'-Dichlorobenzidine
Concen: 39.03 ng
RT: 13.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.3	78.5
126	6.3	13.6	20.4





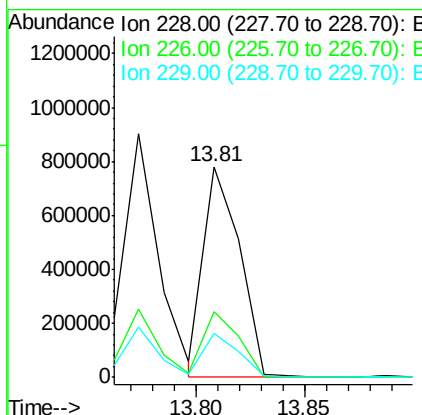
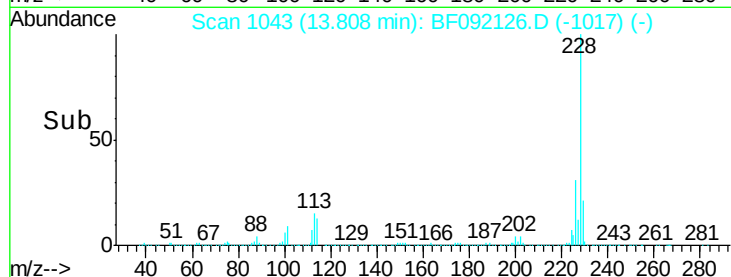
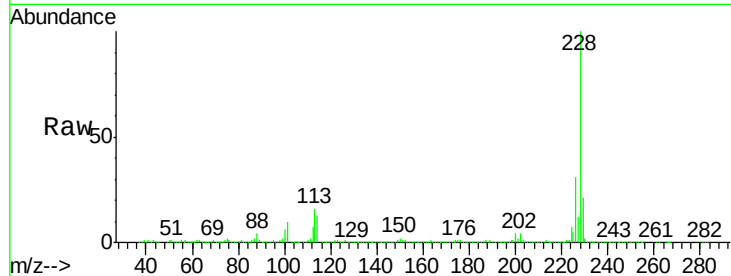
#82
Chrysene
Concen: 51.44 ng
RT: 13.81 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

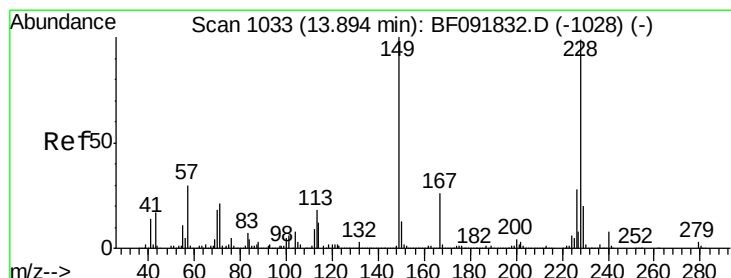
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	20.6	16.2	24.2

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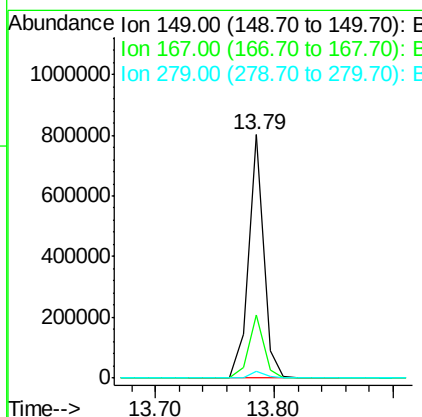
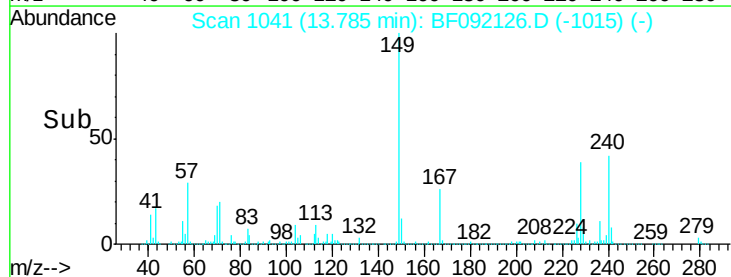
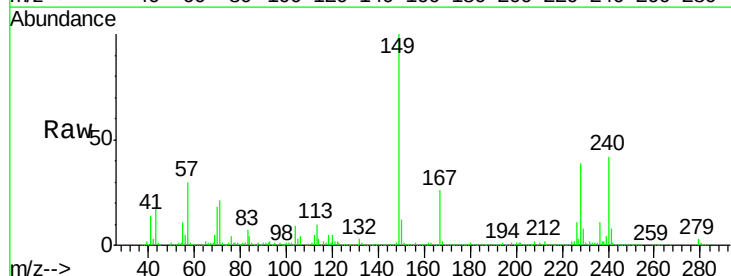


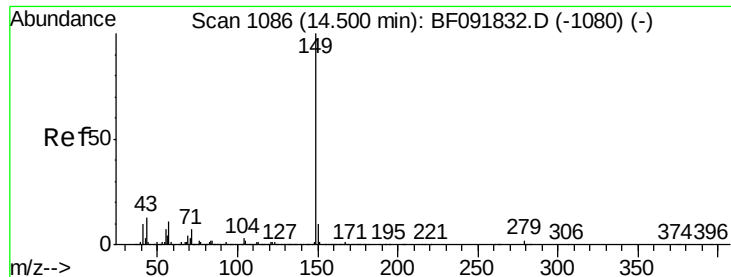
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#83
Bis(2-ethylhexyl)phthalate
Concen: 59.11 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.2	30.4
279	2.6	1.8	2.8





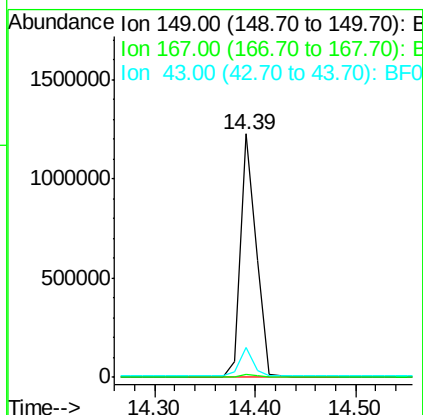
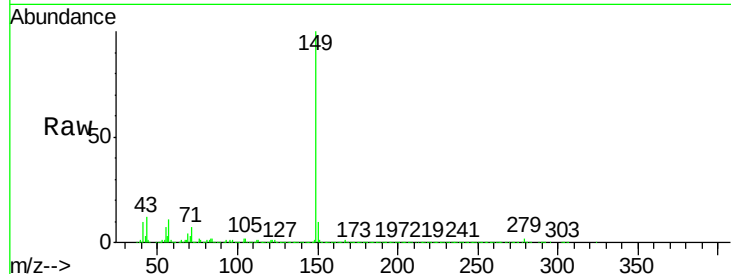
#84
Di-n-octyl phthalate
Concen: 58.79 ng
RT: 14.39 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

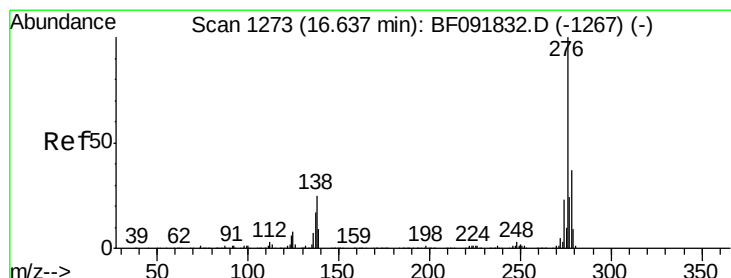
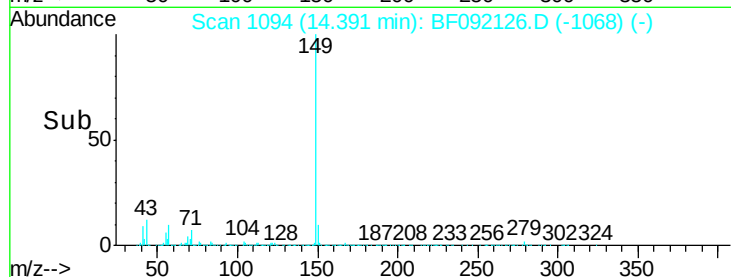
Tot Ion:149 Resp: 1315604
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.4 8.9 13.3

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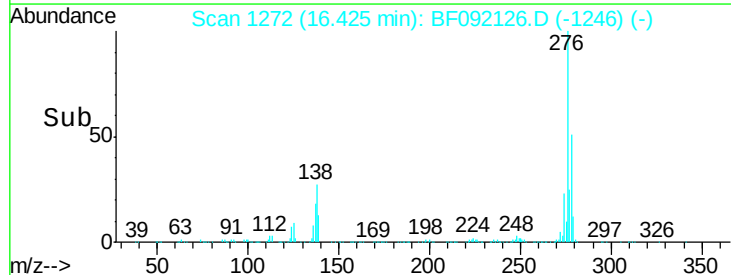
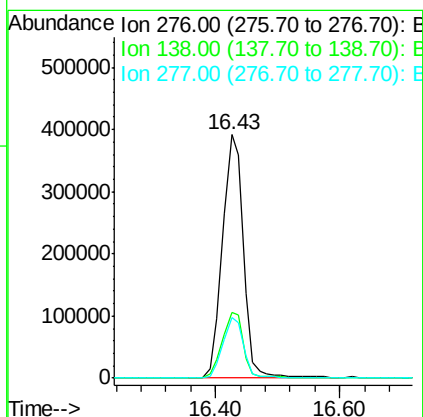
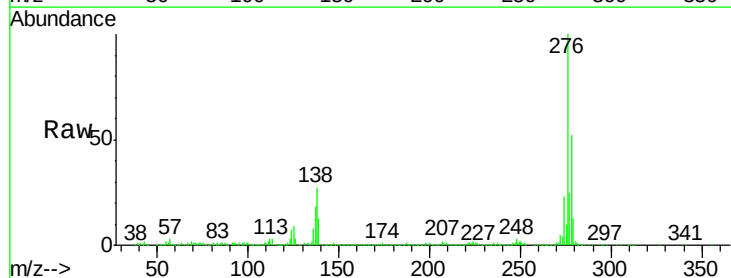


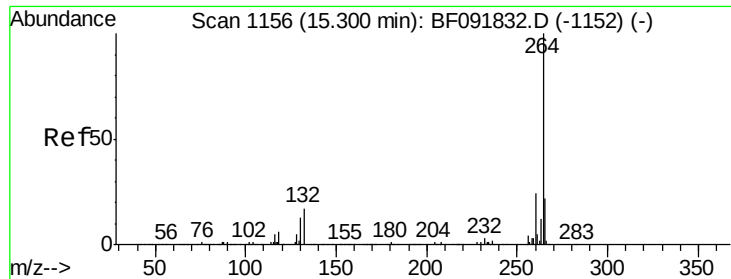
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#85
Indeno(1,2,3-cd)pyrene
Concen: 60.18 ng
RT: 16.43 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion:276 Resp: 907397
Ion Ratio Lower Upper
276 100
138 26.7 21.8 32.6
277 24.6 20.2 30.4





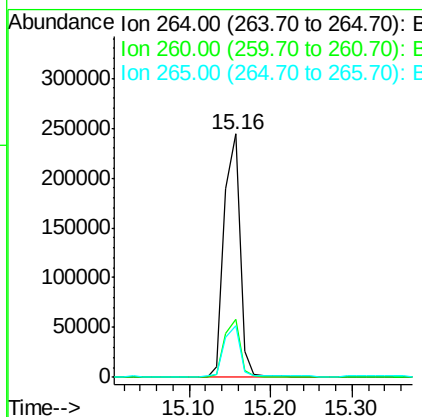
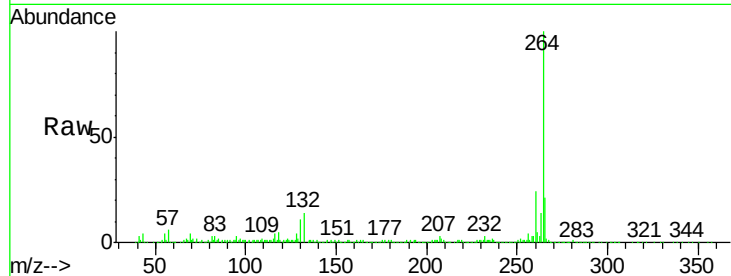
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

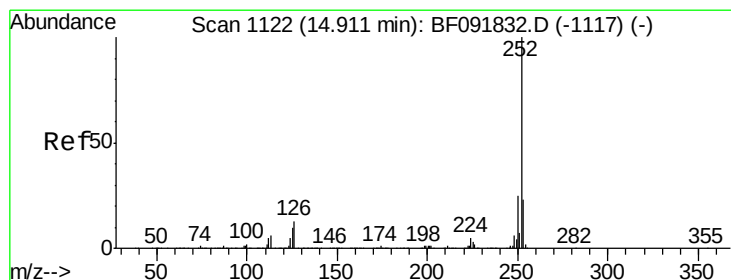
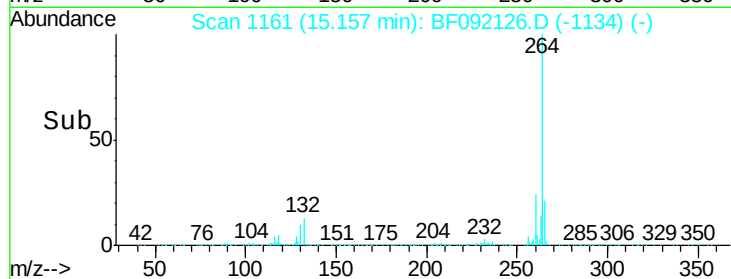
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.3	17.4	26.0

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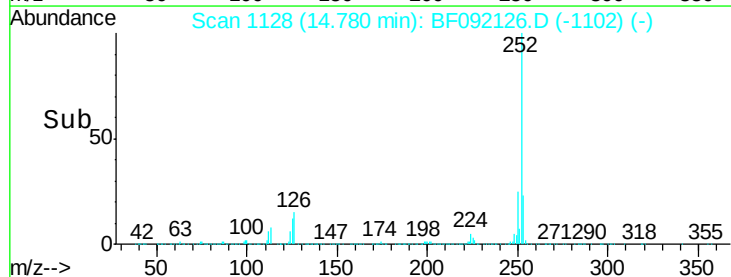
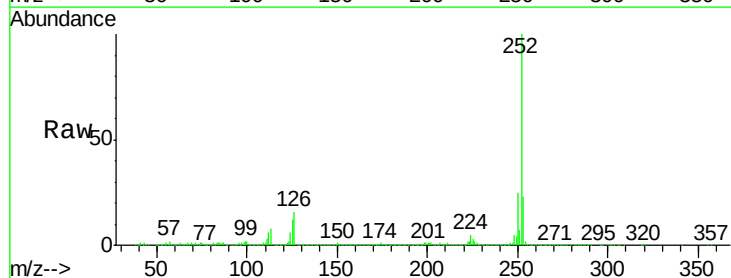
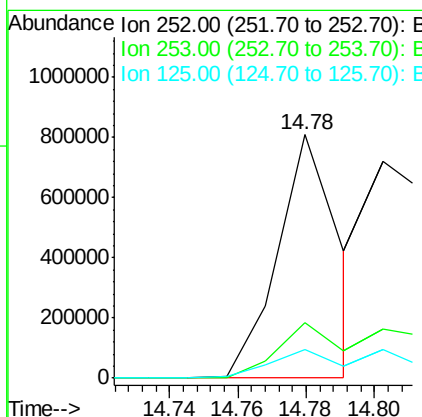


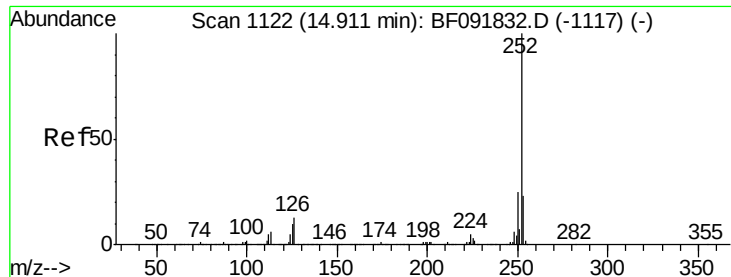
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#87
Benzo(b)fluoranthene
Concen: 49.67 ng m
RT: 14.78 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	12.0	9.8	14.6





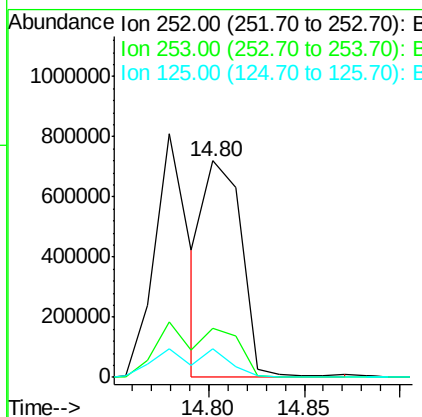
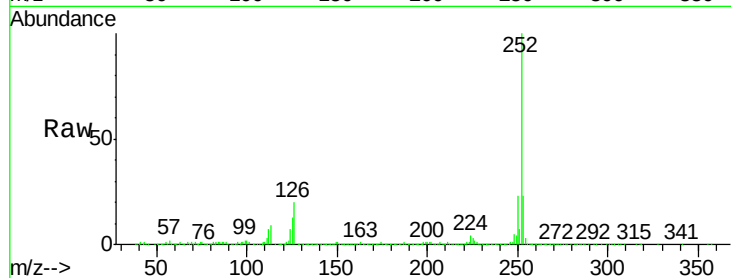
#88
Benzo(k)fluoranthene
Concen: 55.38 ng m
RT: 14.80 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

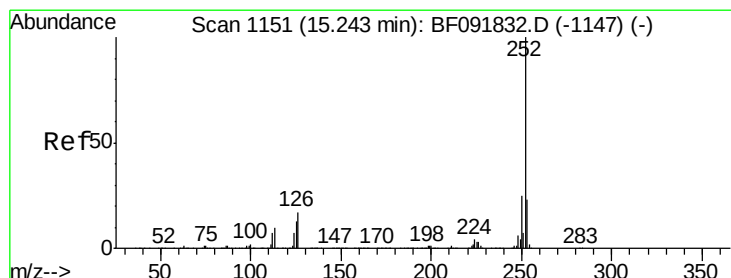
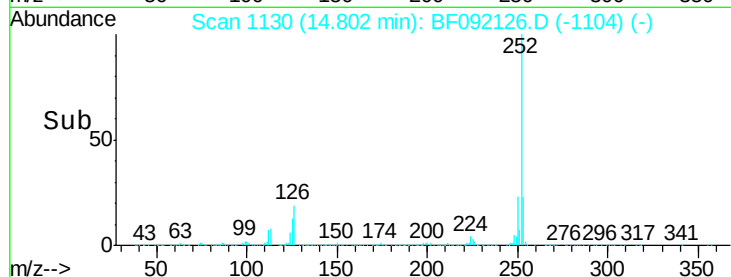
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	13.4	8.9	13.3

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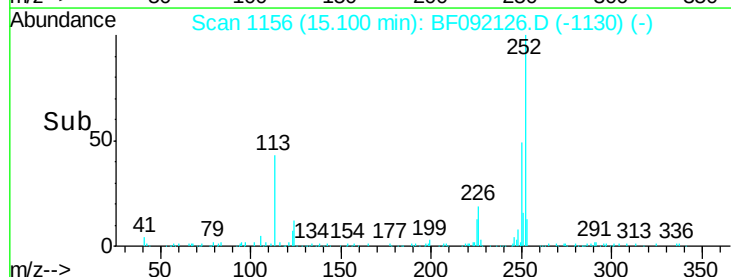
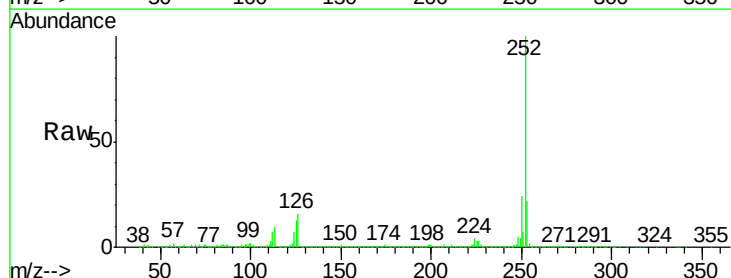
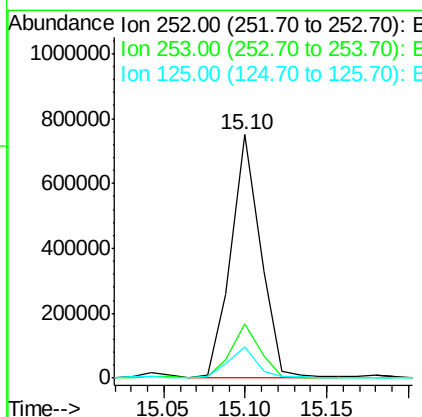


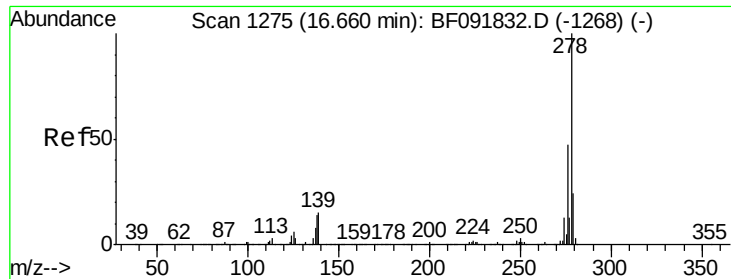
1/9/2017 10:48:08 AM



#89
Benzo(a)pyrene
Concen: 51.95 ng
RT: 15.10 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	12.9	10.0	15.0





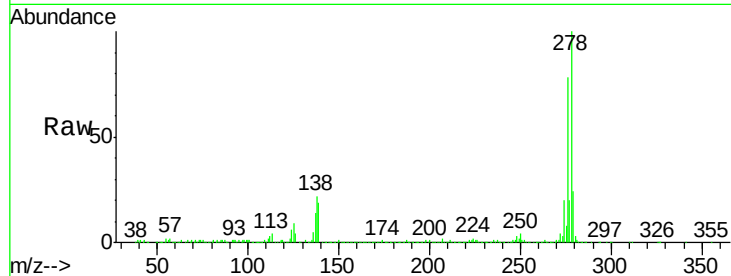
#90
Dibenzo(a,h)anthracene
Concen: 49.32 ng
RT: 16.44 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.0	14.8	22.2
279	24.0	19.8	29.6

Manual Integrations
APPROVED

Sohil
1/9/2017 10:48:08 AM

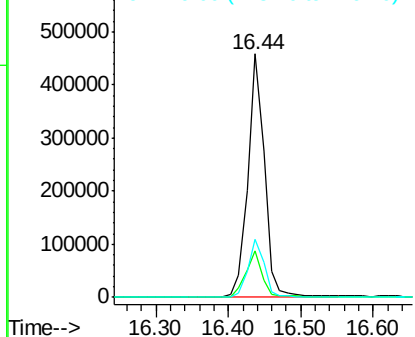


Abundance

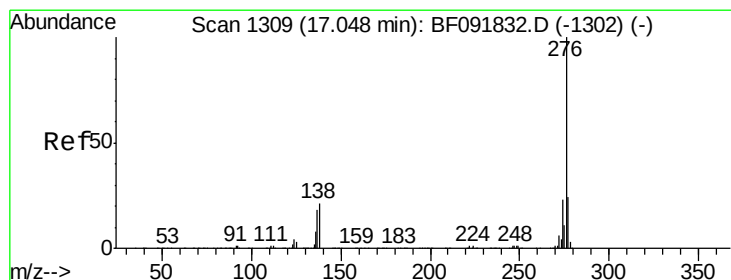
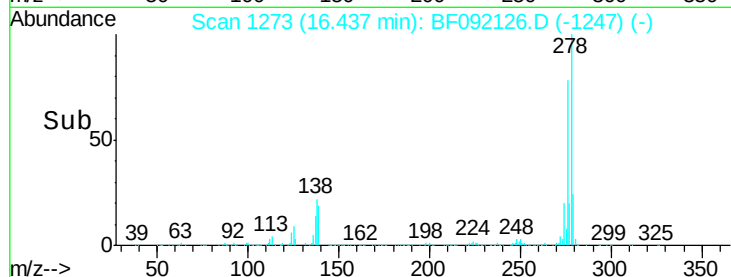
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



1/9/2017 10:48:08 AM



#91
Benzo(g,h,i)perylene
Concen: 48.71 ng
RT: 16.80 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF092126.D
Acq: 6 Jan 2017 19:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	25.1	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

