

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
 Data File : BF091158.D
 Acq On : 11 Nov 2016 23:30
 Operator : UM/SJ
 Sample : H5628-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Manual Integrations
 APPROVED

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 11/14/2016 6:36:41 PM

Quant Time: Nov 12 00:56:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	189454	20.00	ng	-0.01
21) Naphthalene-d8	7.93	136	716782	20.00	ng	-0.02
38) Acenaphthene-d10	9.69	164	379453	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	623853	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	462408	20.00	ng	-0.02
86) Perylene-d12	15.15	264	334790	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1476359	128.70	ng	0.00
7) Phenol-d6	6.32	99	1878737	120.66	ng	0.00
23) Nitrobenzene-d5	7.22	82	1077350	81.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	480529	140.08	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	1789217	81.18	ng	-0.02
78) Terphenyl-d14	12.74	244	1986497	107.20	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	213874	32.59	ng	97
3) Pyridine	2.81	79	561913	36.60	ng	96
4) n-Nitrosodimethylamine	2.77	42	276227	45.49	ng	91
6) Aniline	6.32	93	621943	33.86	ng	# 89
8) 2-Chlorophenol	6.44	128	614418	44.90	ng	# 80
9) Benzaldehyde	6.20	77	60546	7.01	ng	99
10) Phenol	6.33	94	987277	57.29	ng	# 60
11) bis(2-Chloroethyl)ether	6.40	93	696739	47.98	ng	90
12) 1,3-Dichlorobenzene	6.58	146	613215m	44.31	ng	
13) 1,4-Dichlorobenzene	6.66	146	629802m	42.41	ng	
14) 1,2-Dichlorobenzene	6.82	146	588208	43.16	ng	97
15) Benzyl Alcohol	6.81	79	483757	44.05	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.93	45	610420	29.36	ng	# 17
17) 2-Methylphenol	6.93	107	479242	44.24	ng	97
18) Hexachloroethane	7.15	117	205110	35.69	ng	90
19) n-Nitroso-di-n-propylamine	7.08	70	393810	36.50	ng	# 91
20) 3+4-Methylphenols	7.09	107	579088	44.52	ng	95
22) Acetophenone	7.07	105	758182	45.94	ng	# 91
24) Nitrobenzene	7.24	77	609108	41.97	ng	96
25) Isophorone	7.48	82	1102571	43.55	ng	98
26) 2-Nitrophenol	7.56	139	312529	50.89	ng	# 61
27) 2,4-Dimethylphenol	7.61	122	449438	44.25	ng	98
28) bis(2-Chloroethoxy)methane	7.70	93	690475	49.92	ng	100
29) 2,4-Dichlorophenol	7.80	162	451986	50.99	ng	95
30) 1,2,4-Trichlorobenzene	7.88	180	515275	51.70	ng	97
31) Naphthalene	7.95	128	1505187	43.91	ng	99
32) Benzoic acid	7.73	122	69301	12.90	ng	88
33) 4-Chloroaniline	8.02	127	291432	20.44	ng	98
34) Hexachlorobutadiene	8.08	225	290602	54.02	ng	98
35) Caprolactam	8.41	113	148422m	53.30	ng	
36) 4-Chloro-3-methylphenol	8.52	107	508868	47.42	ng	95
37) 2-Methylnaphthalene	8.65	142	1044631	47.40	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	534072	55.20	ng	97
40) Hexachlorocyclopentadiene	8.80	237	387547	101.28	ng	96

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Quant Time: Nov 12 00:56:45 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	313717	50.23	nq	100
43) 2,4,5-Trichlorophenol	8.99	196	332476	50.70	nq	# 92
45) 1,1'-Biphenyl	9.12	154	1324263	47.79	nq	96
46) 2-Chloronaphthalene	9.14	162	1042600	49.56	nq	94
47) 2-Nitroaniline	9.24	65	299654	38.38	nq	93
48) Acenaphthylene	9.55	152	1527698	46.60	nq	99
49) Dimethylphthalate	9.42	163	1280458	51.46	nq	100
50) 2,6-Dinitrotoluene	9.49	165	255506	47.92	nq	# 42
51) Acenaphthene	9.72	154	932174	45.29	nq	100
52) 3-Nitroaniline	9.65	138	185055	29.27	nq	95
53) 2,4-Dinitrophenol	9.77	184	189693	66.46	nq	92
54) Dibenzofuran	9.89	168	1354086	48.88	nq	93
55) 4-Nitrophenol	9.85	139	334863	79.55	nq	# 72
56) 2,4-Dinitrotoluene	9.89	165	326887	48.18	nq	94
57) Fluorene	10.24	166	1075895	47.51	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	296739	57.76	nq	88
59) Diethylphthalate	10.12	149	1117877	43.82	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	485340	47.09	nq	# 89
61) 4-Nitroaniline	10.27	138	233247	36.46	nq	97
62) Azobenzene	10.38	77	1295779	43.15	nq	91
64) 4,6-Dinitro-2-methylphenol	10.30	198	176264	46.14	nq	94
65) n-Nitrosodiphenylamine	10.35	169	881679	44.46	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	341829	52.68	nq	# 67
67) Hexachlorobenzene	10.77	284	353220	49.35	nq	94
68) Atrazine	10.89	200	324514	56.73	nq	99
69) Pentachlorophenol	10.98	266	337154	106.36	nq	100
70) Phenanthrene	11.18	178	1388051	41.85	nq	100
71) Anthracene	11.24	178	1633147	46.32	nq	100
72) Carbazole	11.40	167	1453170	45.74	nq	98
73) Di-n-butylphthalate	11.73	149	1581836	39.58	nq	99
74) Fluoranthene	12.37	202	1689021	49.11	nq	89
76) Benzidine	12.50	184	583386	56.47	nq	97
77) Pyrene	12.59	202	1504833	49.69	nq	100
79) Butylbenzylphthalate	13.22	149	719385	49.66	nq	98
80) Benzo(a)anthracene	13.78	228	1227031	46.74	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	314000	34.04	nq	# 97
82) Chrysene	13.81	228	1043796	40.32	nq	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	964938	49.22	nq	100
84) Di-n-octyl phthalate	14.40	149	1491422	46.27	nq	97
85) Indeno(1,2,3-cd)pyrene	16.44	276	1136411	52.91	nq	95
87) Benzo(b)fluoranthene	14.79	252	1063854m	46.85	nq	
88) Benzo(k)fluoranthene	14.81	252	860123m	43.18	nq	
89) Benzo(a)pyrene	15.11	252	934023	47.25	nq	99
90) Dibenzo(a,h)anthracene	16.44	278	940583	55.04	nq	99
91) Benzo(g,h,i)perylene	16.82	276	938105	60.70	nq	# 93

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

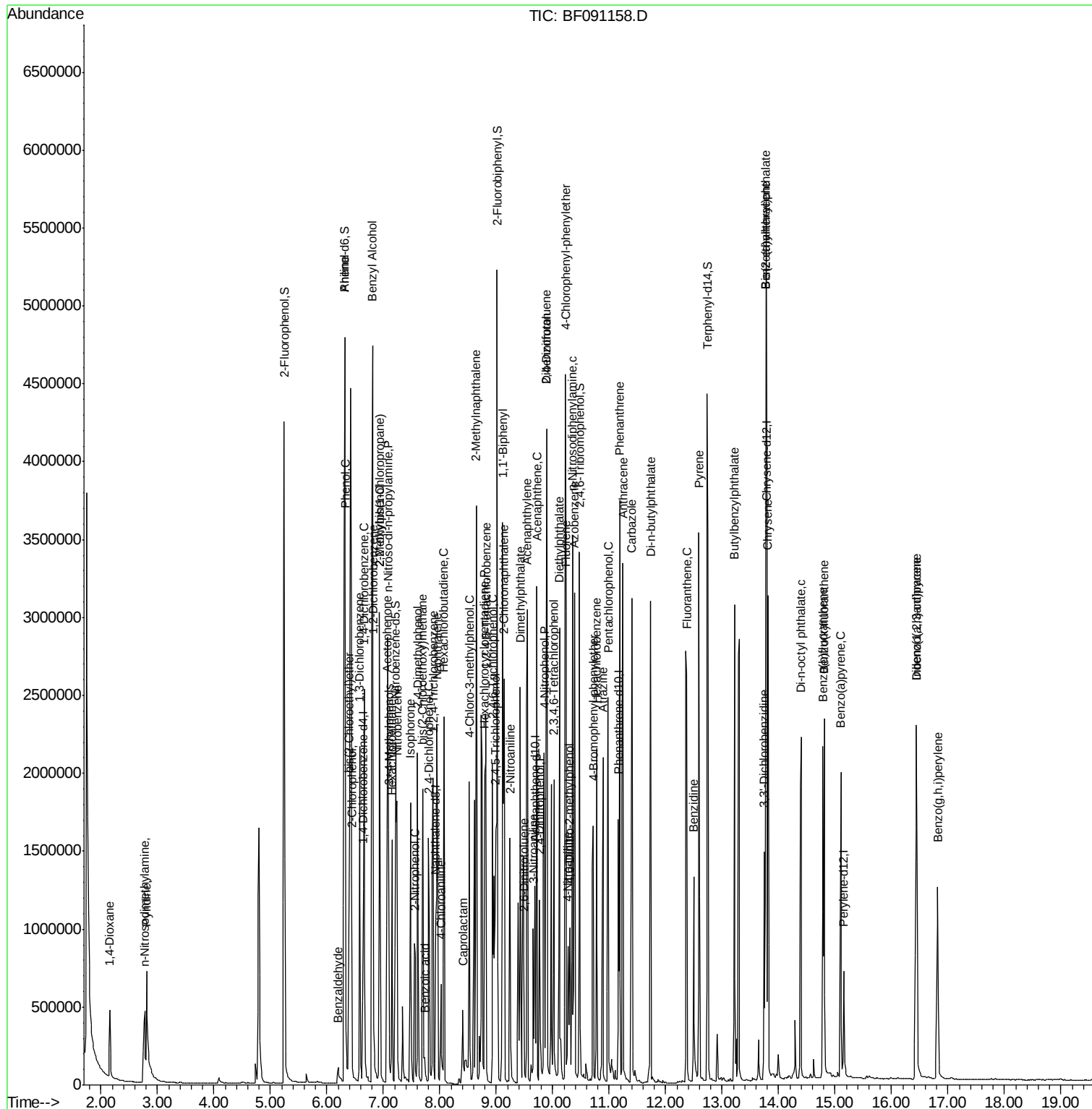
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Operator  : UM/SJ  
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ALS Vial  : 22      Sample Multiplier: 1
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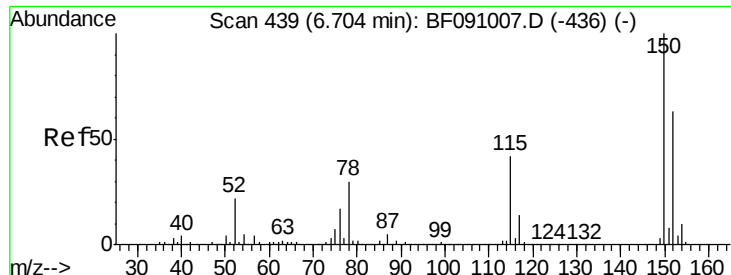
Instrument :
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#1

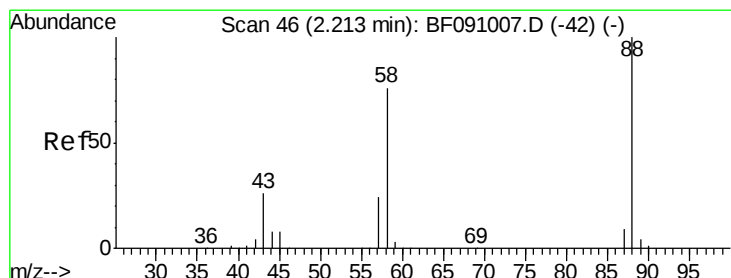
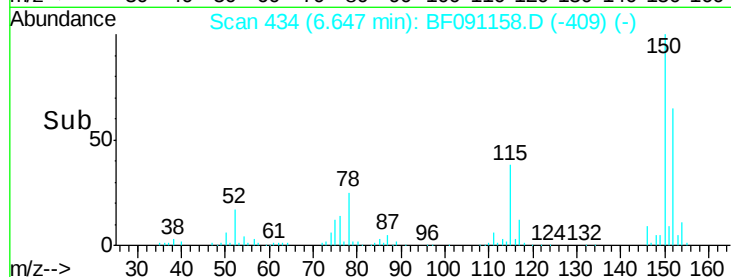
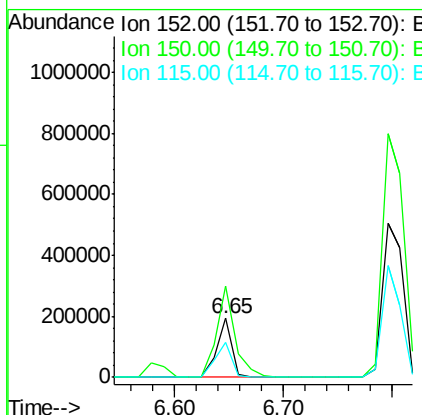
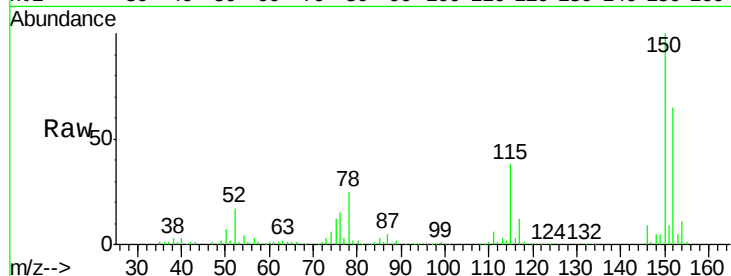
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.8	190.2
115	59.2	53.3	79.9

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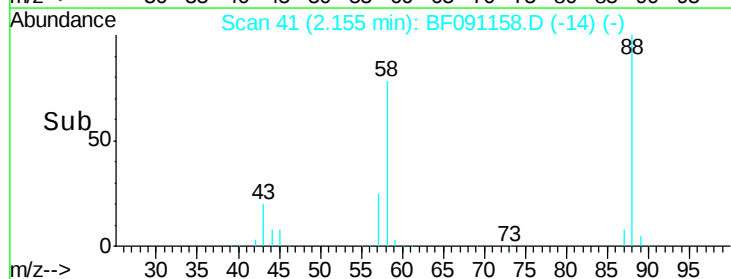
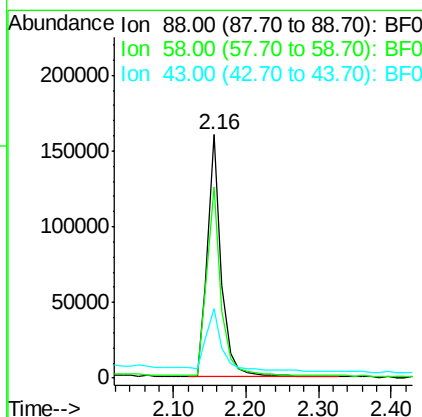
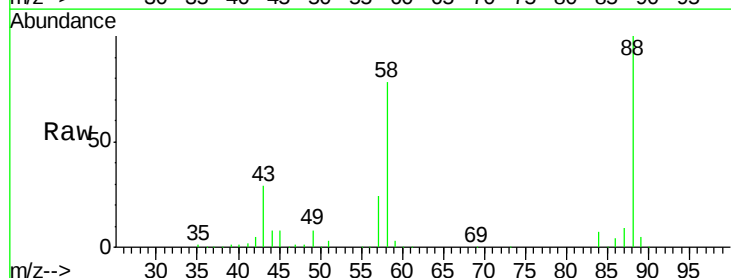
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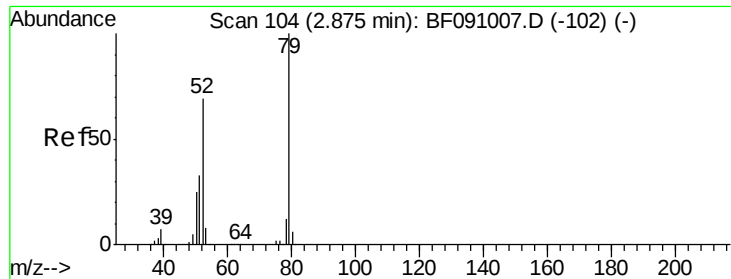


#2

1,4-Dioxane
Concen: 32.59 ng
RT: 2.16 min Scan# 41
Delta R.T. 0.01 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.6	63.8	95.6
43	32.1	22.6	33.8





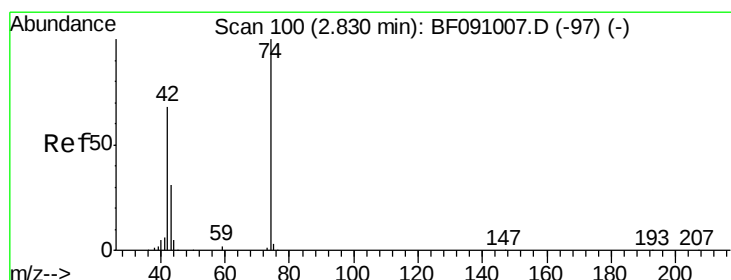
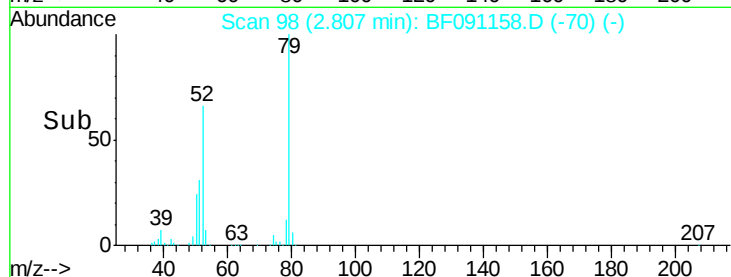
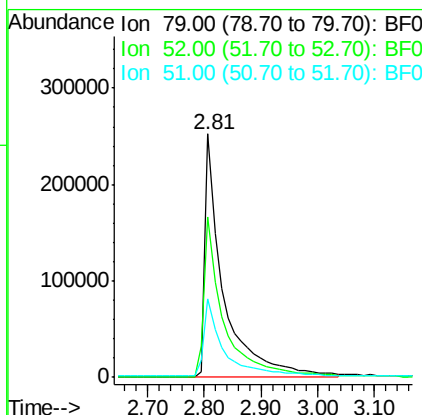
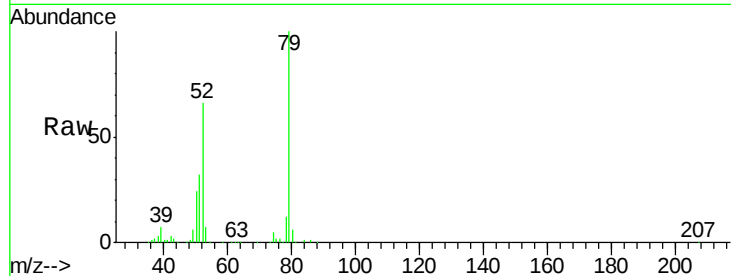
#3
 Pvridine
 Concen: 36.60 ng
 RT: 2.81 min Scan# 98
 Delta R.T. 0.02 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.1	55.4	83.0
51	32.1	27.4	41.0

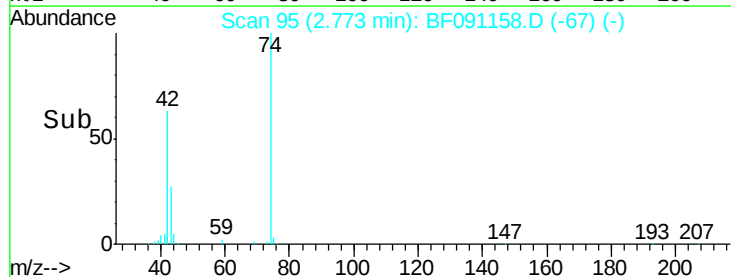
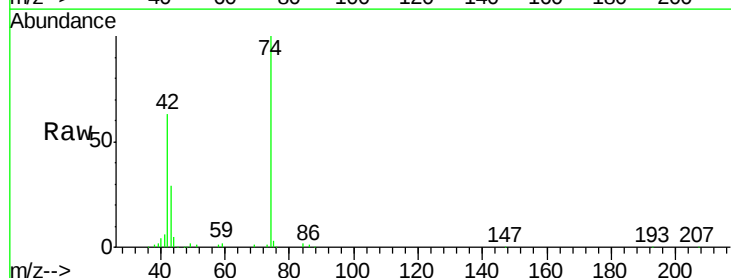
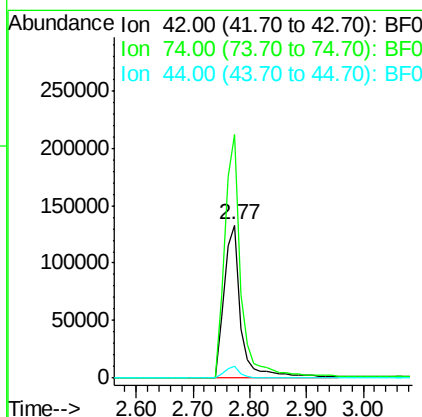
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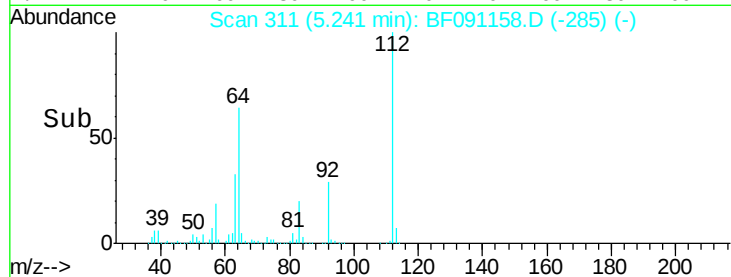
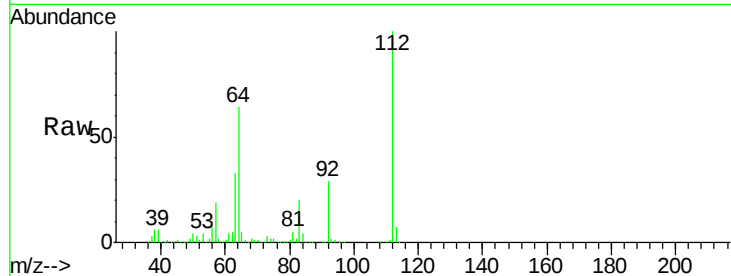
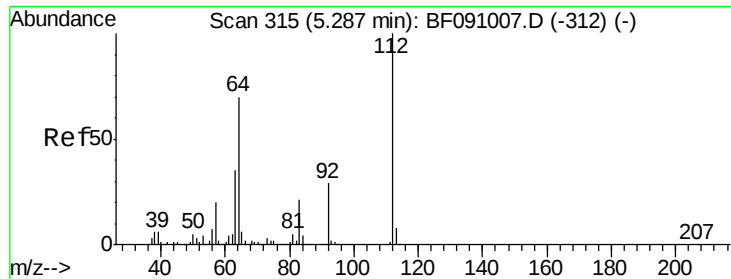
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#4
 n-Nitrosodimethylamine
 Concen: 45.49 ng
 RT: 2.77 min Scan# 95
 Delta R.T. 0.02 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	158.9	117.3	175.9
44	7.6	5.8	8.8





#5

2-Fluorophenol

Concen: 128.70 ng

RT: 5.24 min Scan# 311

Delta R.T. -0.00 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

Tot Ion:112 Resp: 1476359

Ion Ratio Lower Upper

112 100

64 64.4 55.8 83.6

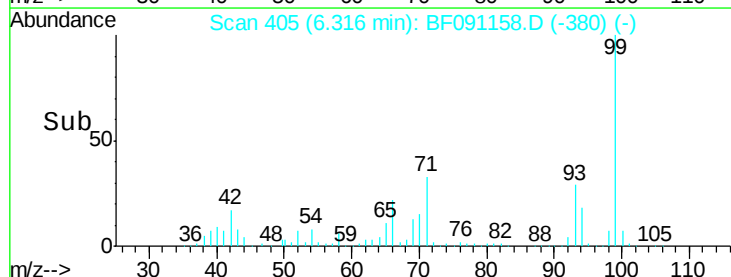
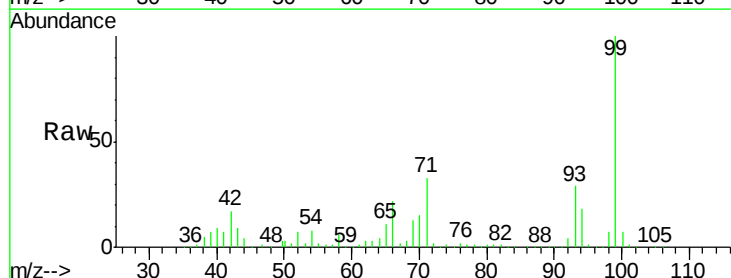
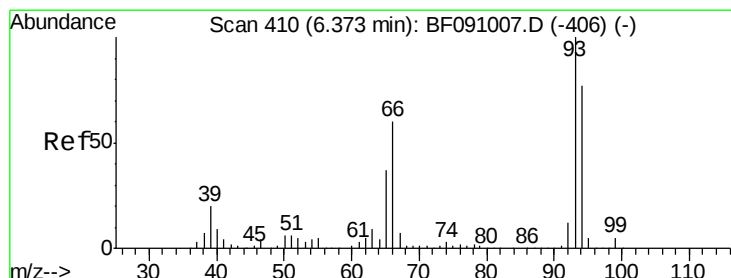
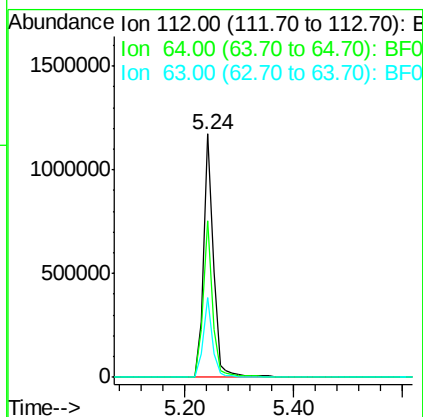
63 32.7 28.0 42.0

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#6

Aniline

Concen: 33.86 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

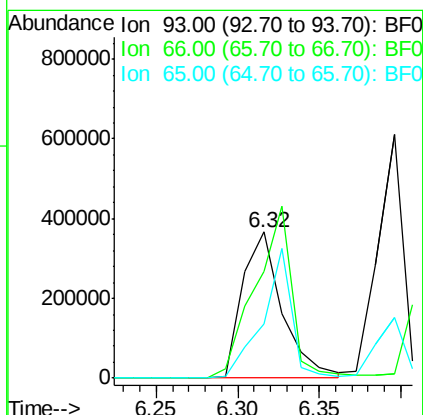
Tgt Ion: 93 Resp: 621943

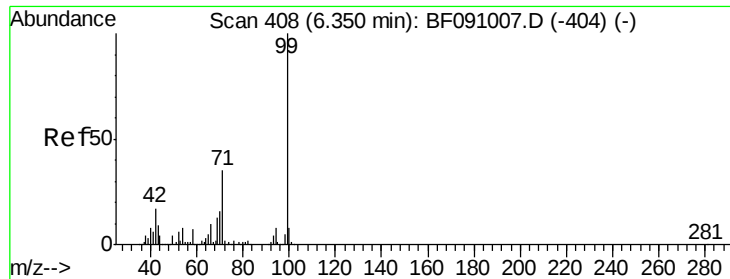
Ion Ratio Lower Upper

93 100

66 73.3 48.2 72.2#

65 36.7 29.4 44.0





#7

Phenol-d6

Concen: 120.66 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

Tot Ion: 99 Resp: 1878737

Ion Ratio Lower Upper

99 100

42 17.0 13.9 20.9

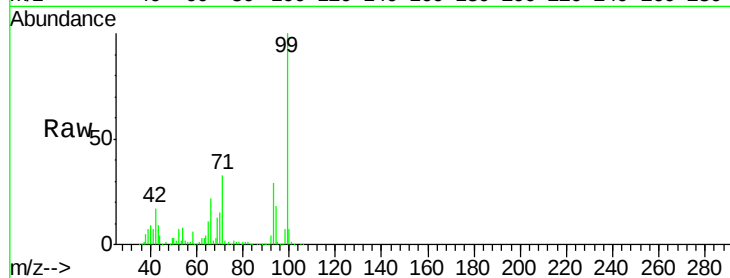
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Manual Integrations

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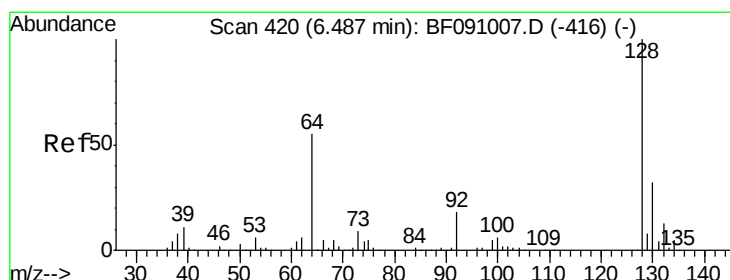
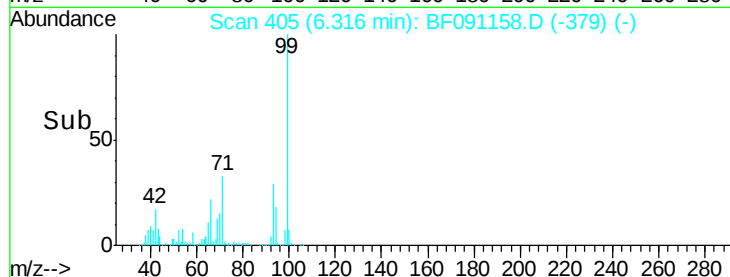
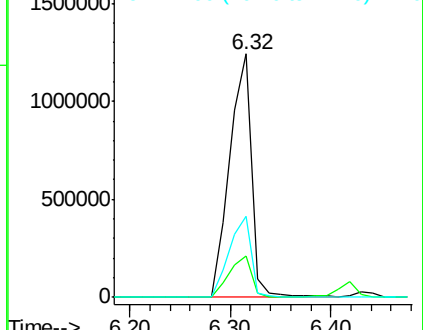
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.90 ng

RT: 6.44 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

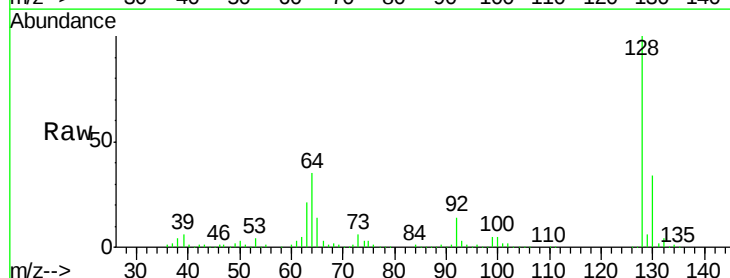
Tgt Ion: 128 Resp: 614418

Ion Ratio Lower Upper

128 100

130 33.8 12.0 52.0

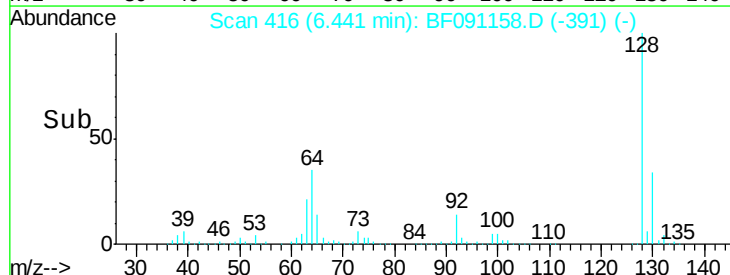
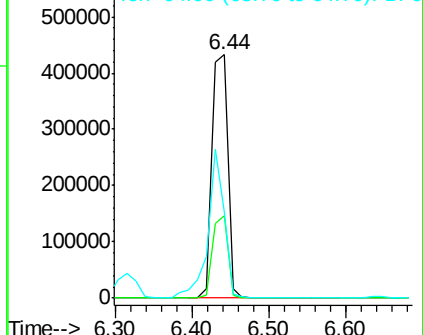
64 35.3 37.2 77.2#

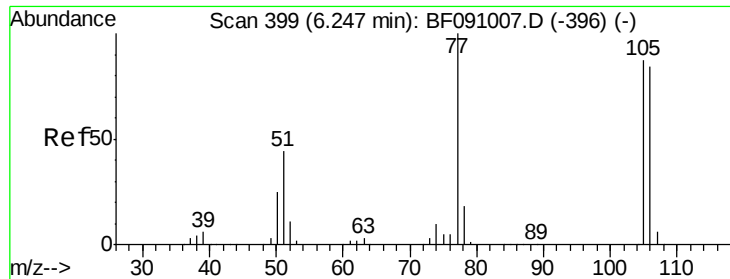


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.01 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

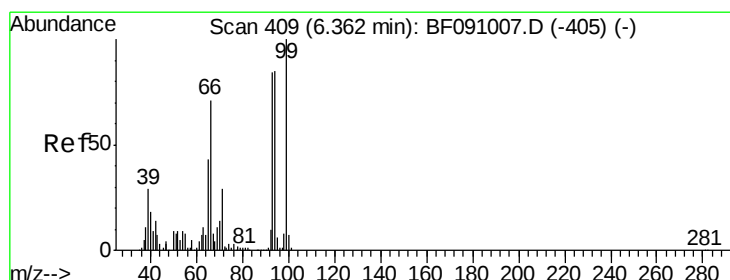
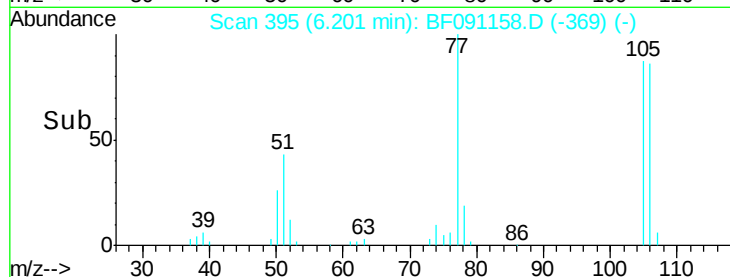
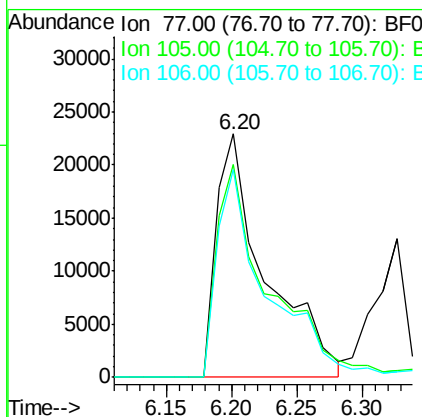
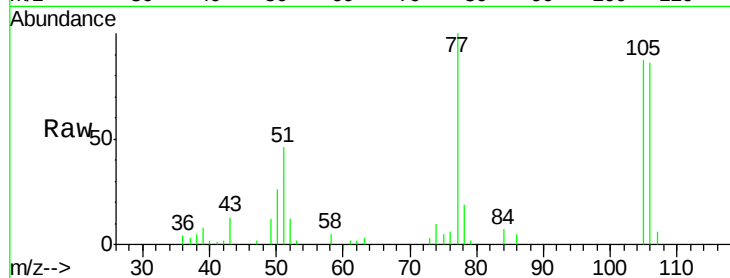
ClientSampleId :

SB-COMPMSD

Tot Ion:	77	Resp:	60546
Ion	Ratio	Lower	Upper
77	100		
105	87.3	66.8	106.8
106	85.6	64.0	104.0

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#10

Phenol

Concen: 57.29 ng

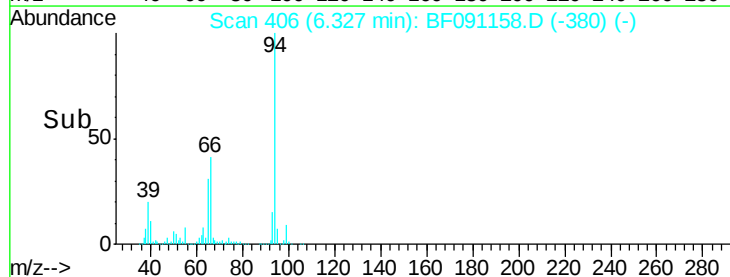
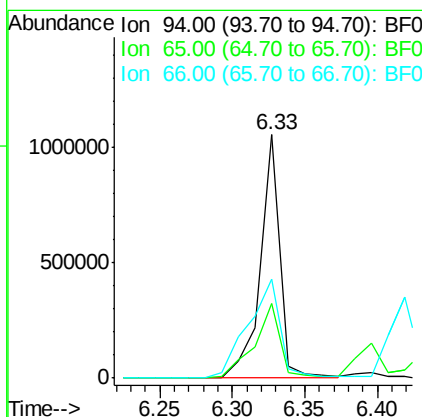
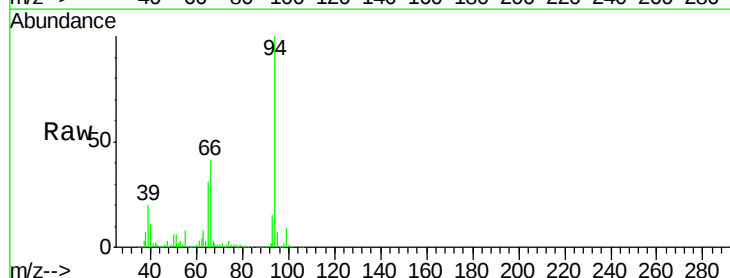
RT: 6.33 min Scan# 406

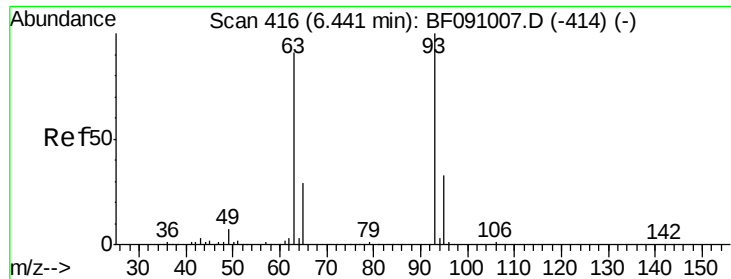
Delta R.T. -0.00 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Tgt Ion:	94	Resp:	987277
Ion	Ratio	Lower	Upper
94	100		
65	30.9	30.4	70.4
66	40.8	62.9	102.9#





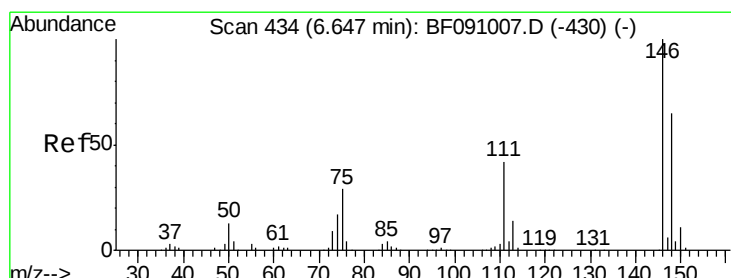
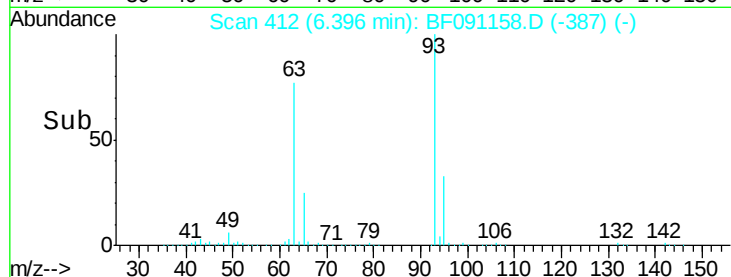
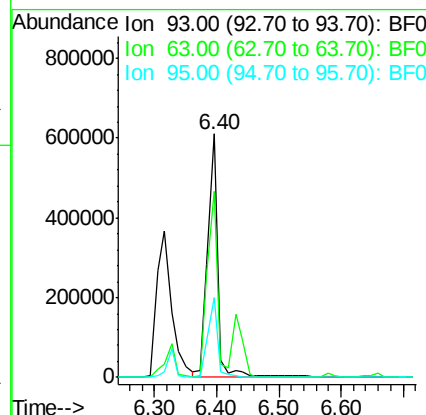
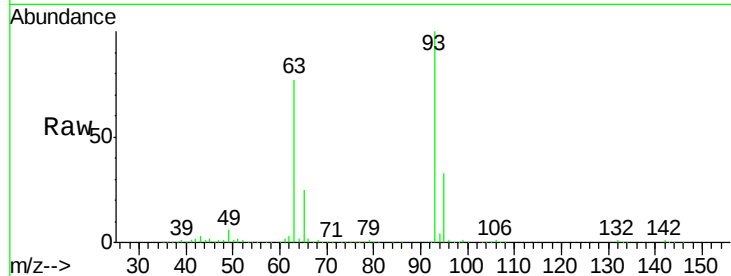
#11
bis(2-Chloroethyl)ether
Concen: 47.98 ng
RT: 6.40 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.5	68.9	108.9
95	32.9	12.3	52.3

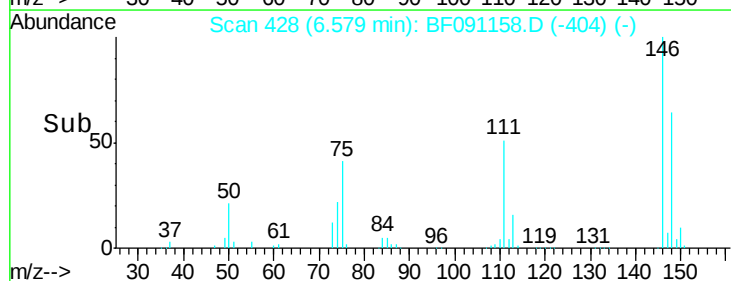
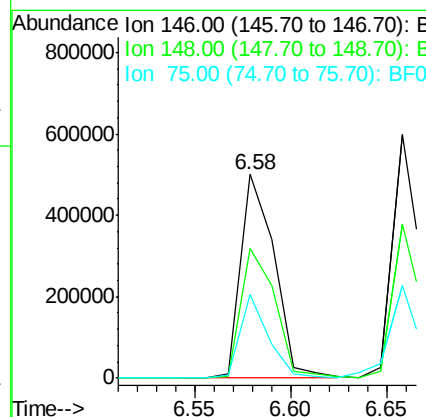
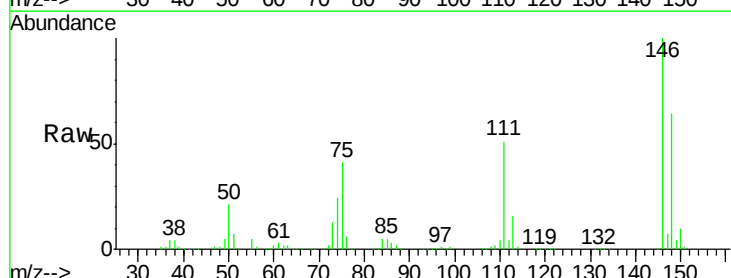
Manual Integrations
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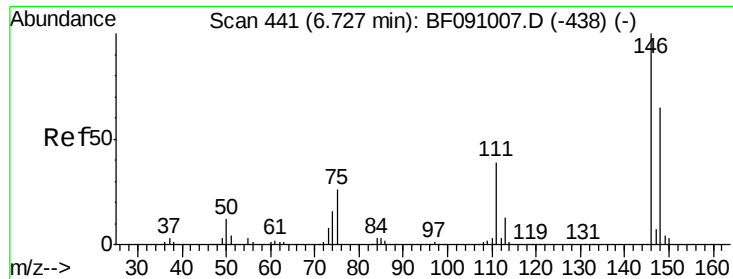
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#12
1,3-Dichlorobenzene
Concen: 44.31 ng m
RT: 6.58 min Scan# 428
Delta R.T. -0.02 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.0	78.0
75	41.2	23.0	34.6#





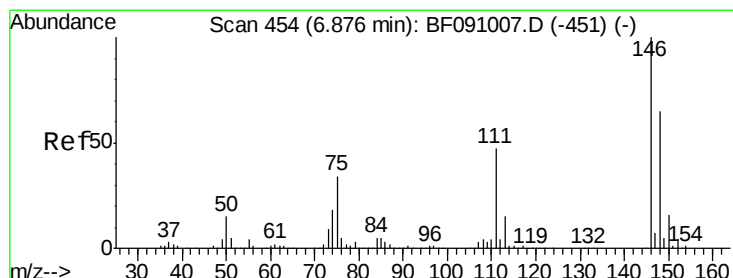
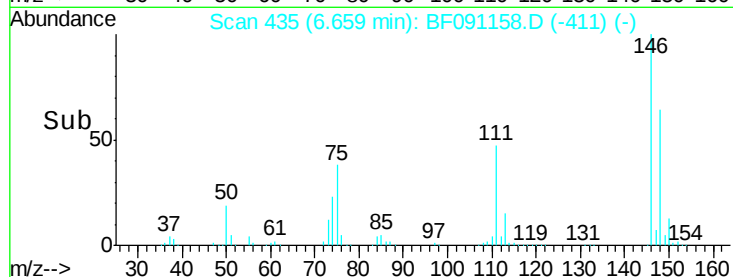
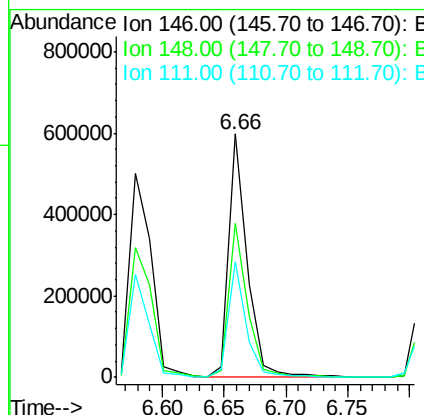
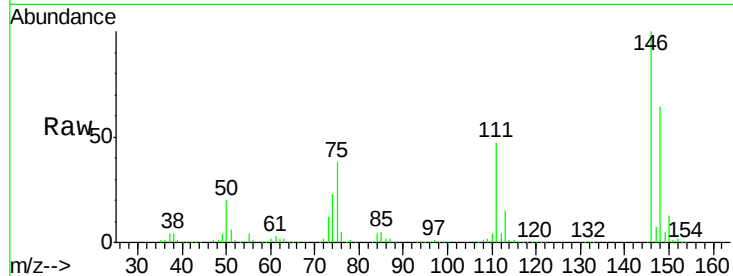
#13
1,4-Dichlorobenzene
Concen: 42.41 ng
RT: 6.66 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.1	78.1
111	47.4	31.6	47.4

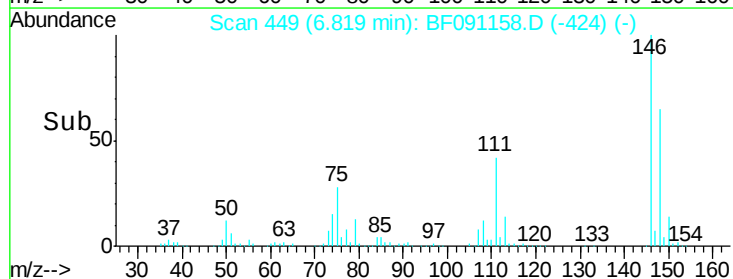
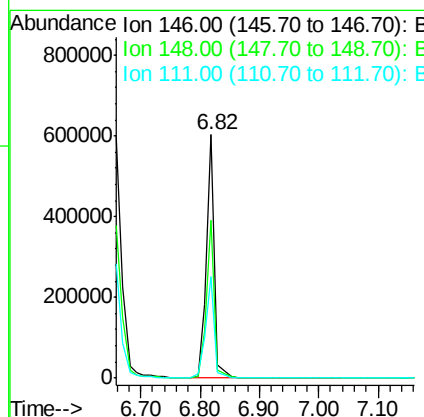
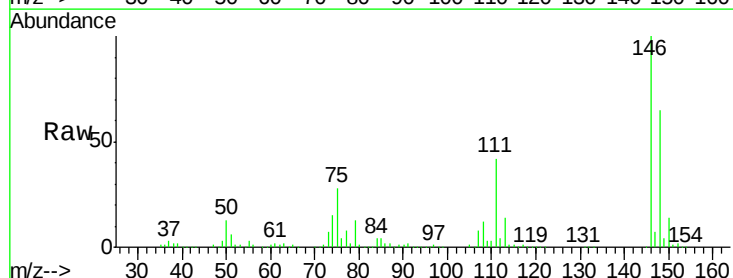
Manual Integrations
APPROVED

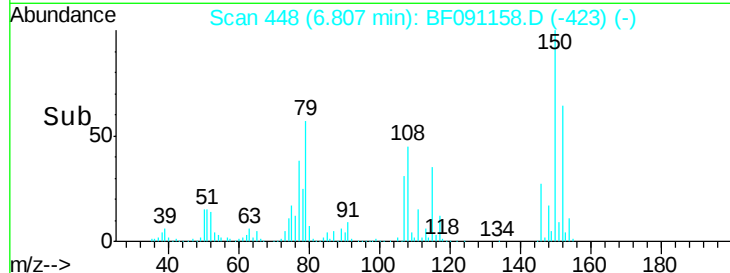
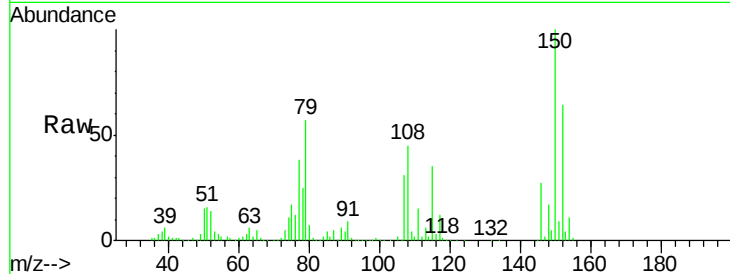
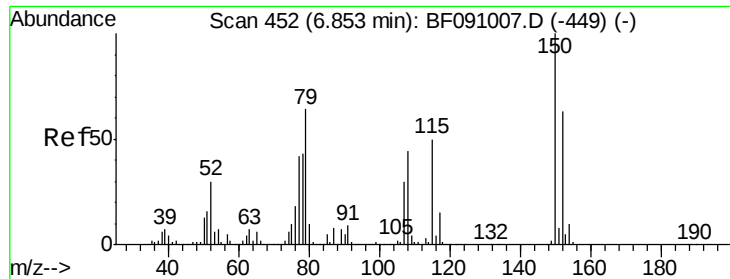
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#14
1,2-Dichlorobenzene
Concen: 43.16 ng
RT: 6.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.6	77.4
111	41.9	37.3	55.9





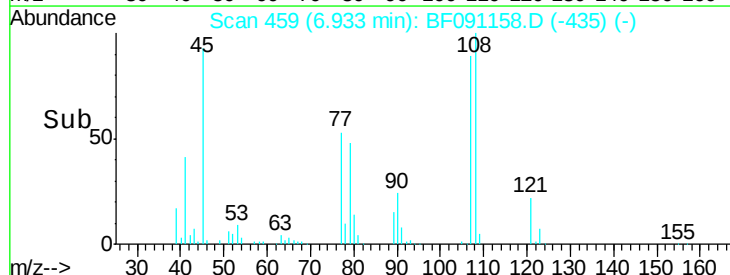
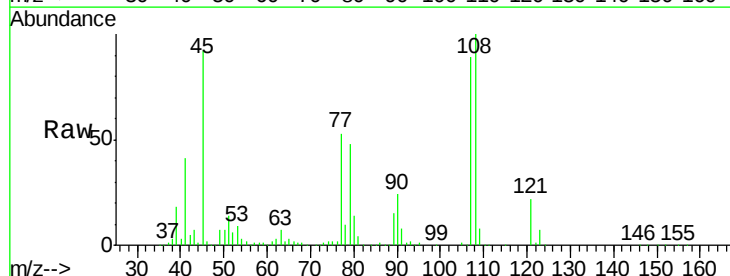
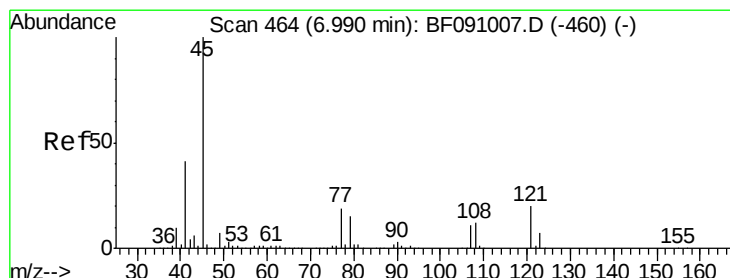
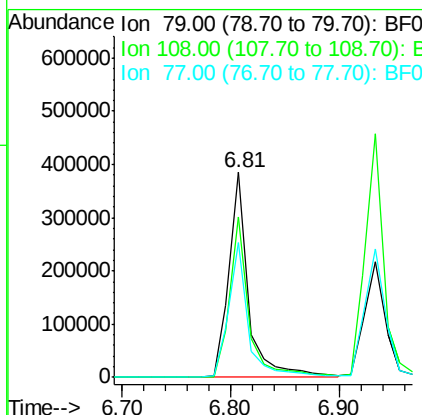
#15
Benzyl Alcohol
Concen: 44.05 ng
RT: 6.81 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.1	55.7	83.5
77	65.7	52.6	79.0

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

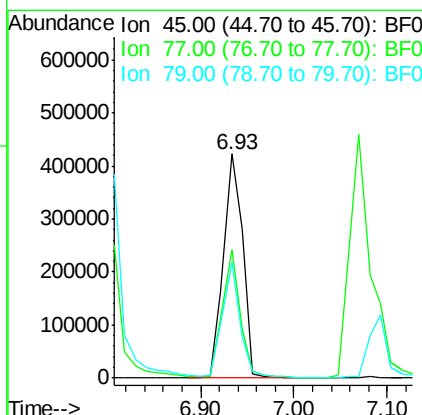
Manual Integrations
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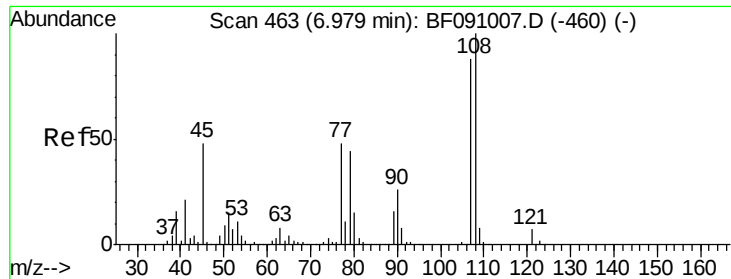
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.36 ng
RT: 6.93 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Lower	Upper
45	100		
77	57.2	0.0	39.6#
79	51.5	0.0	35.9#





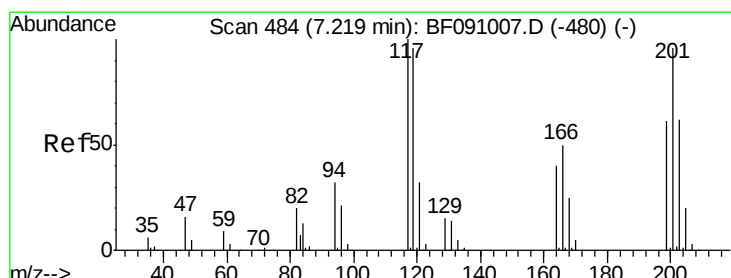
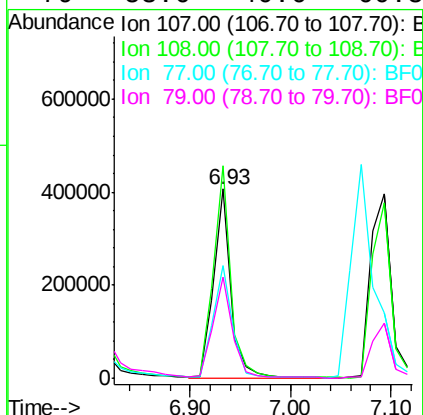
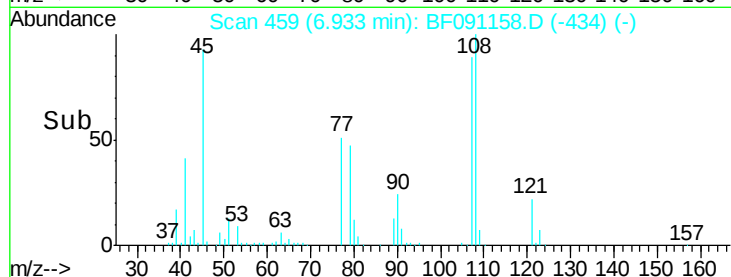
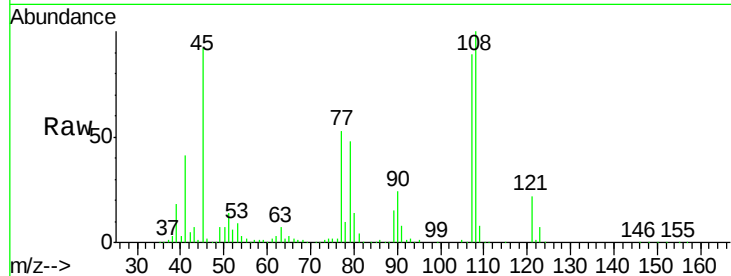
#17
2-Methylphenol
Concen: 44.24 ng
RT: 6.93 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.0	136.6
77	59.5	43.8	65.8
79	53.6	40.6	60.8

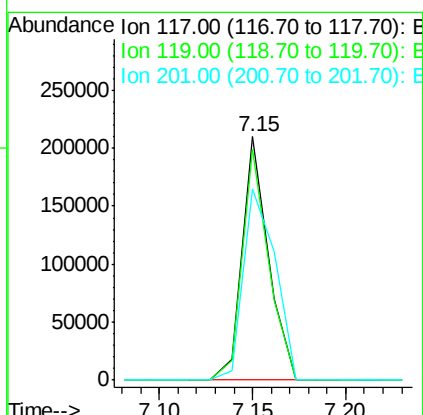
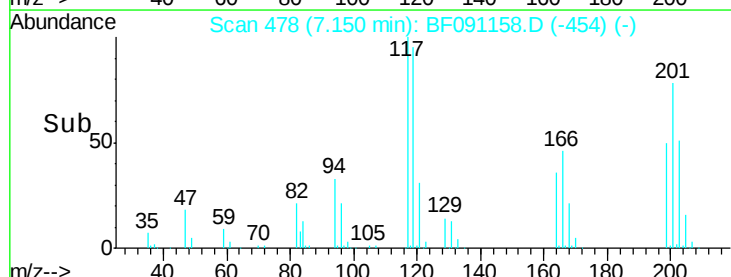
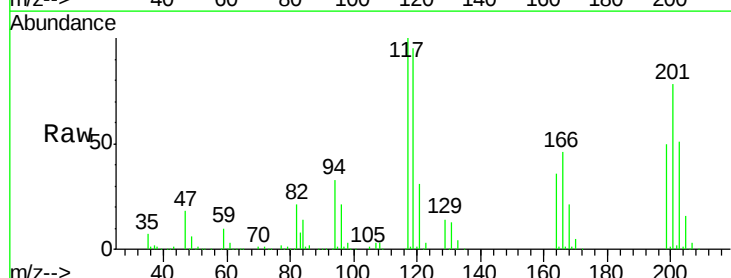
Manual Integrations
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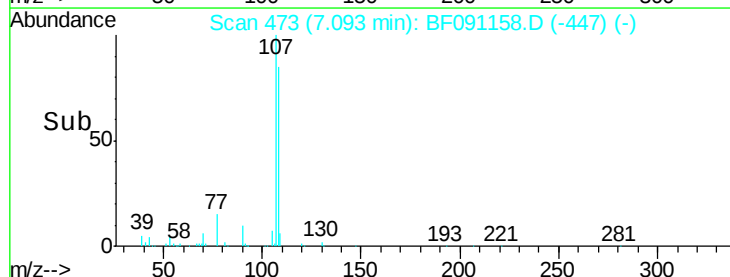
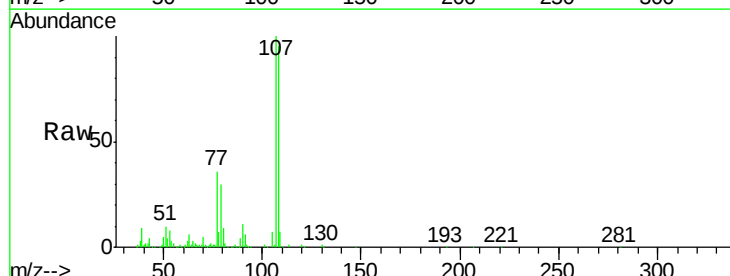
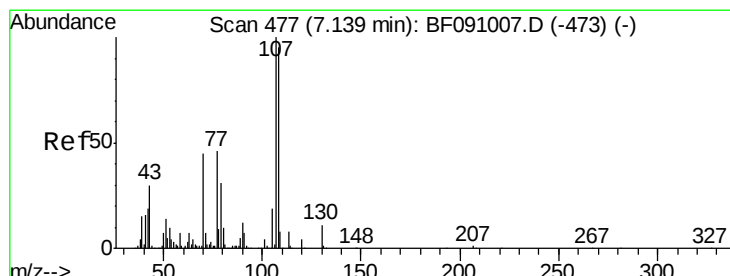
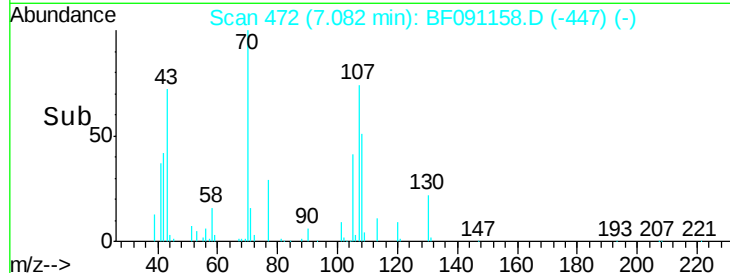
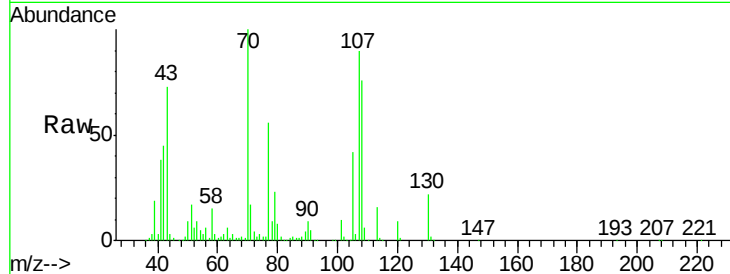
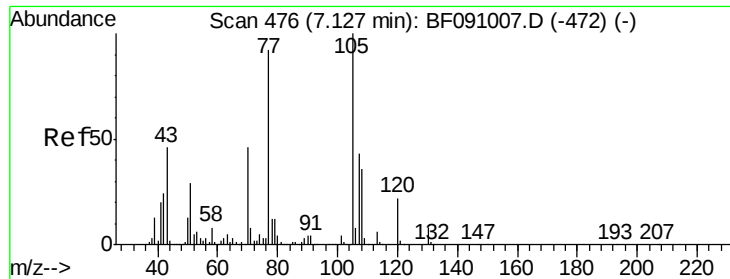
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#18
Hexachloroethane
Concen: 35.69 ng
RT: 7.15 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.6	115.0
201	78.5	77.1	115.7





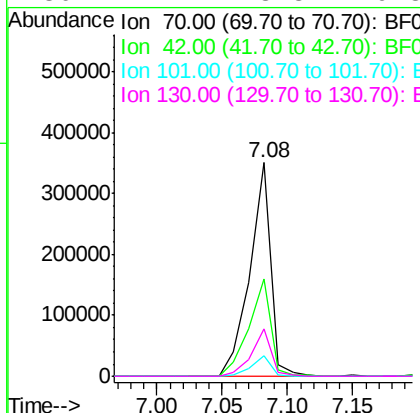
#19
n-Nitroso-di-n-propylamine
Concen: 36.50 ng
RT: 7.08 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.3	41.7	62.5
101	9.7	6.7	10.1
130	22.2	13.8	20.8

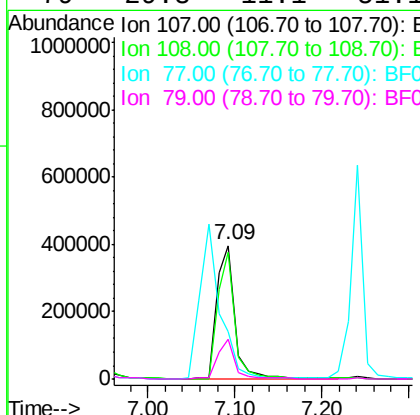
Manual Integrations
APPROVED

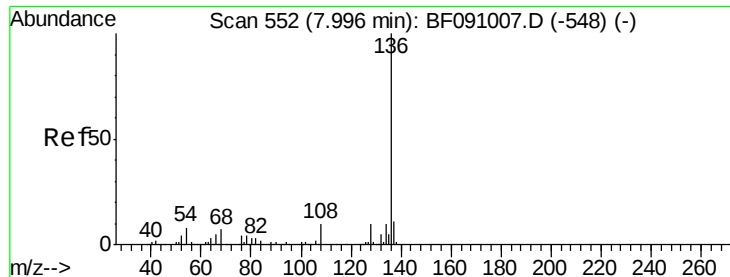
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#20
3+4-Methylphenols
Concen: 44.52 ng
RT: 7.09 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.9	75.5	115.5
77	35.8	26.4	66.4
79	29.8	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

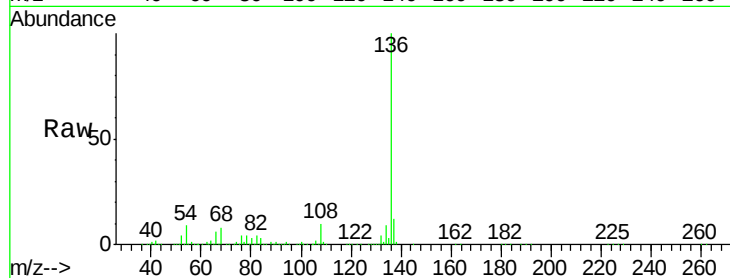
ClientSampleId :

SB-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		716782		
137	11.5		8.9	13.3	
54	8.6		6.2	9.2	
68	7.7		5.5	8.3	

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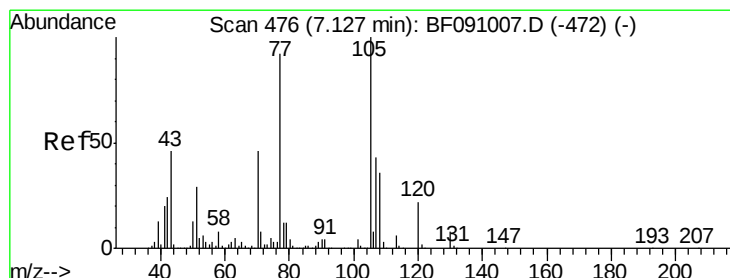
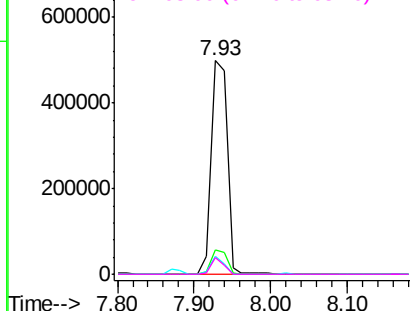
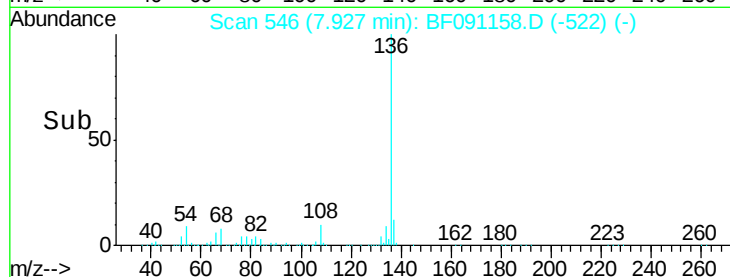


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.94 ng

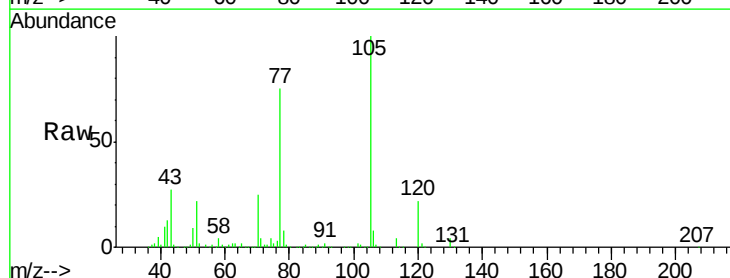
RT: 7.07 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		758182		
71	4.2		6.2	9.2#	
51	21.6		23.3	34.9#	
120	22.0		17.4	26.0	

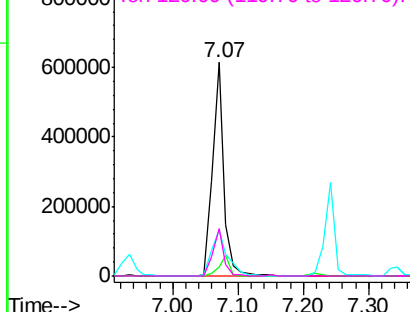
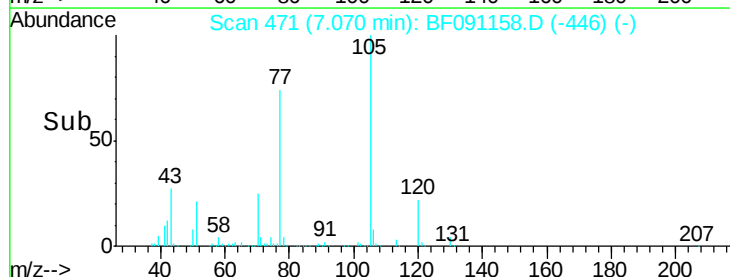


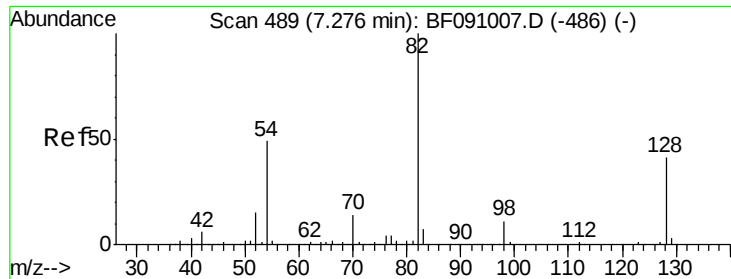
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





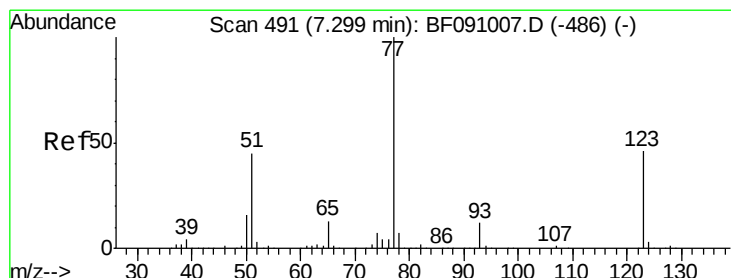
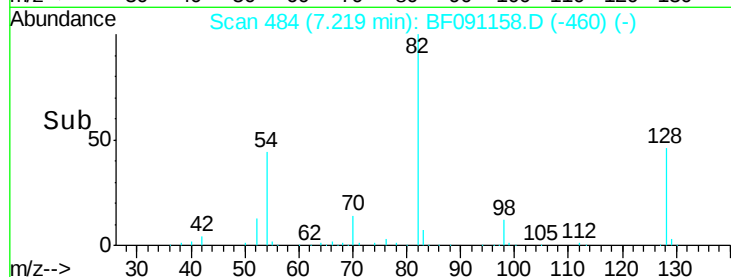
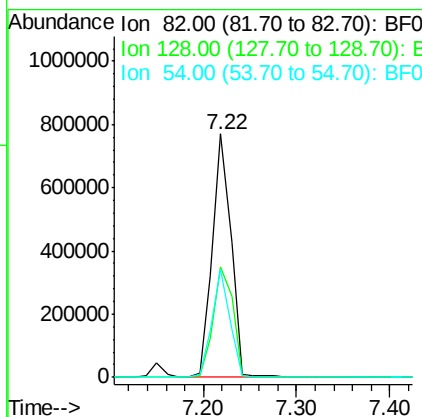
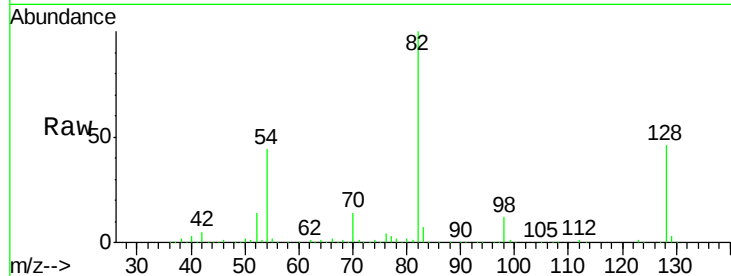
#23
 Nitrobenzene-d5
 Concen: 81.99 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tot Ion: 82 Resp: 1077350
 Ion Ratio Lower Upper
 82 100
 128 45.6 32.4 48.6
 54 44.5 39.2 58.8

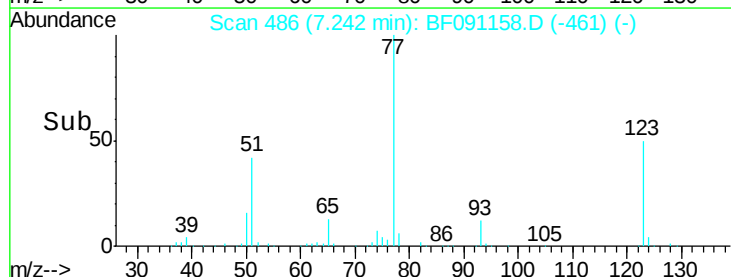
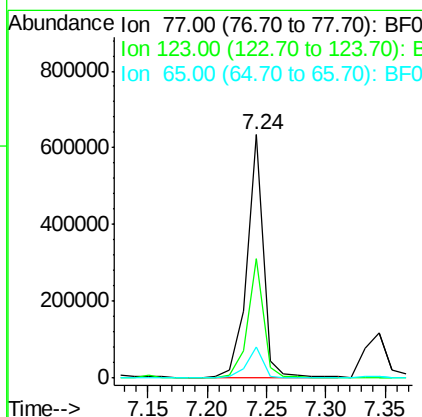
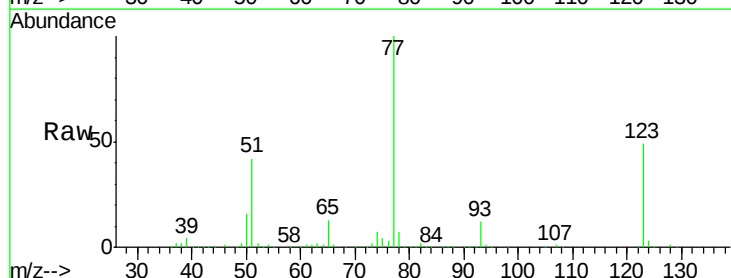
Manual Integrations
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#24
 Nitrobenzene
 Concen: 41.97 ng
 RT: 7.24 min Scan# 486
 Delta R.T. -0.01 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Tgt Ion: 77 Resp: 609108
 Ion Ratio Lower Upper
 77 100
 123 48.9 36.5 54.7
 65 12.9 10.7 16.1





#25

Isophorone

Concen: 43.55 ng

RT: 7.48 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

Tot Ion: 82 Resp: 1102571

Ion Ratio Lower Upper

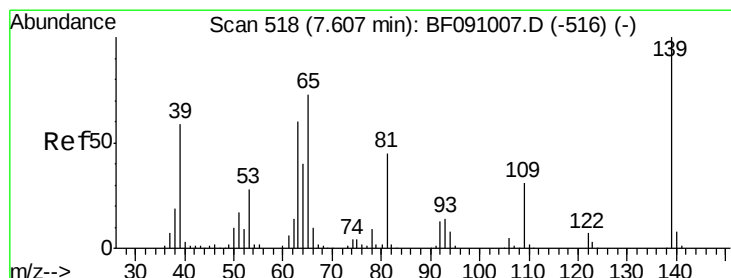
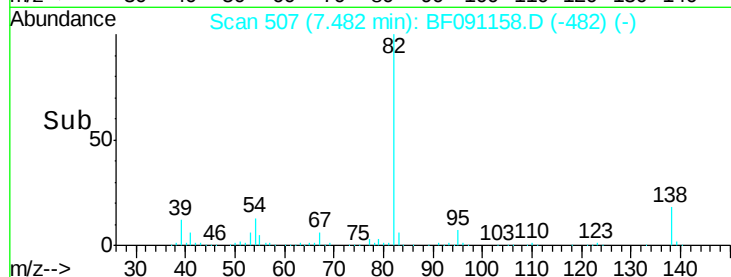
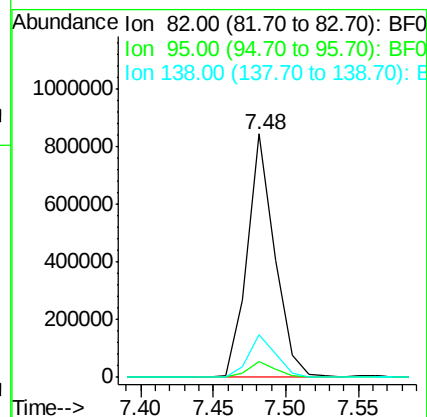
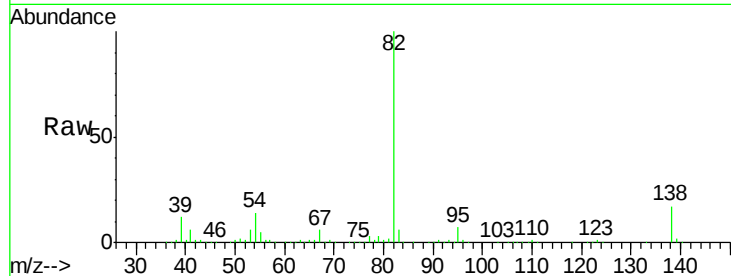
82 100

95 6.7 5.4 8.0

138 17.4 13.0 19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.89 ng

RT: 7.56 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

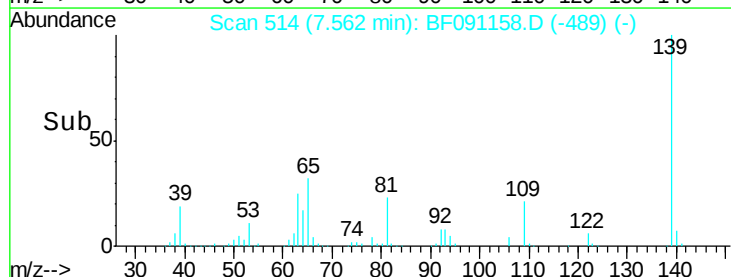
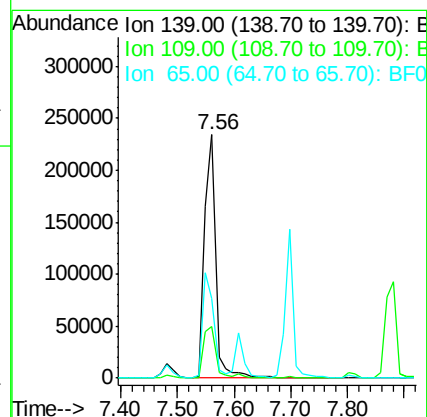
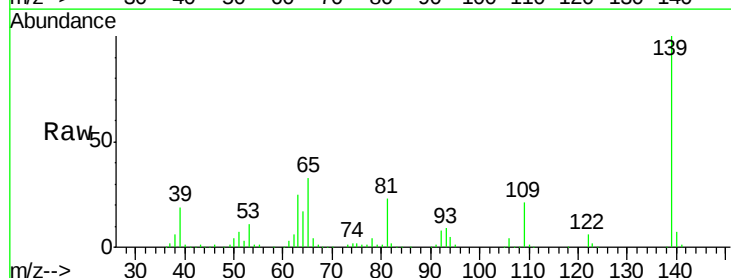
Tgt Ion: 139 Resp: 312529

Ion Ratio Lower Upper

139 100

109 21.3 24.7 37.1#

65 32.7 58.3 87.5#





#27

2,4-Dimethylphenol

Concen: 44.25 ng

RT: 7.61 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

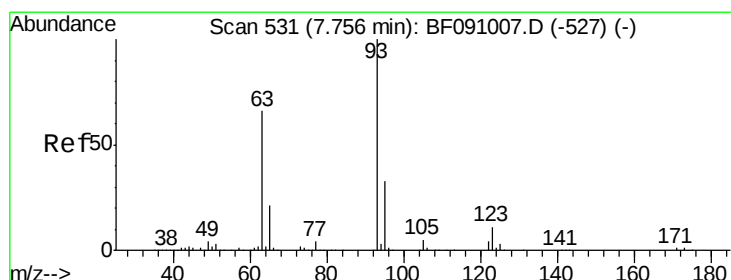
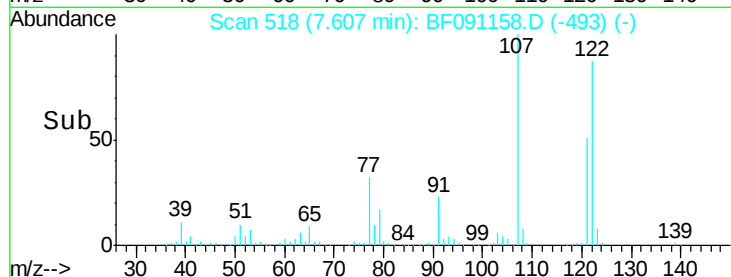
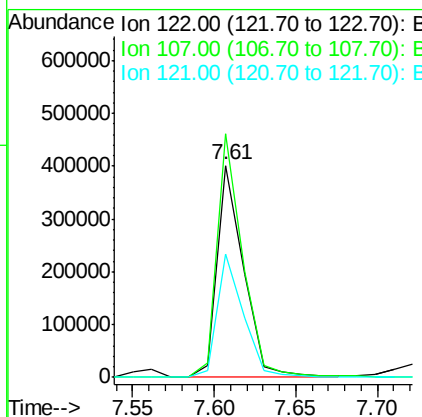
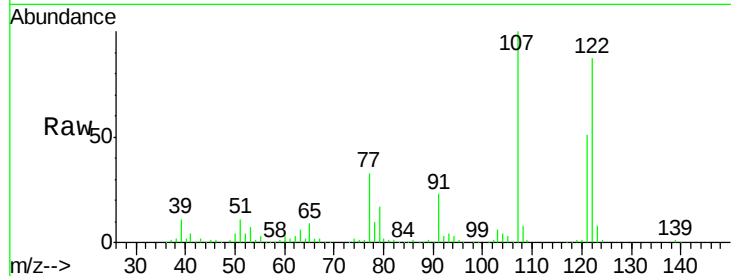
ClientSampleId :

SB-COMPMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.9	89.6	134.4
121	58.2	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 49.92 ng

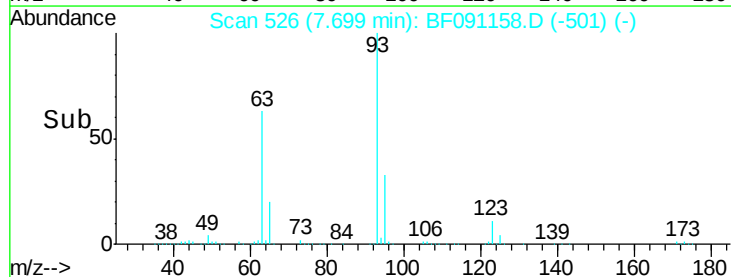
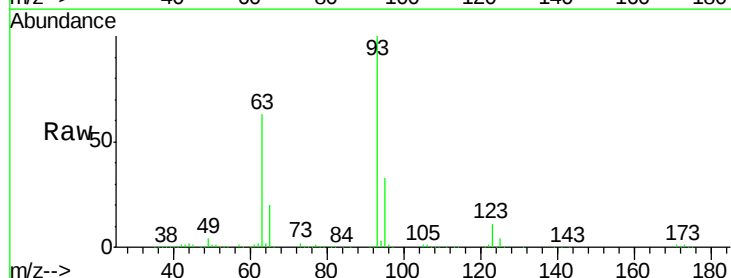
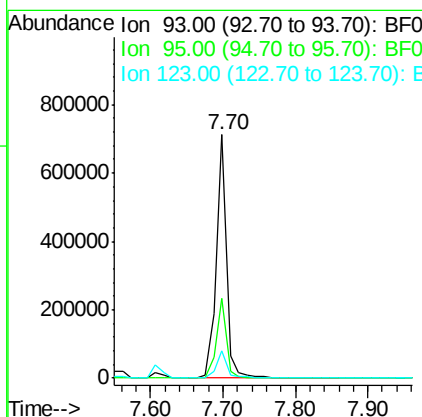
RT: 7.70 min Scan# 526

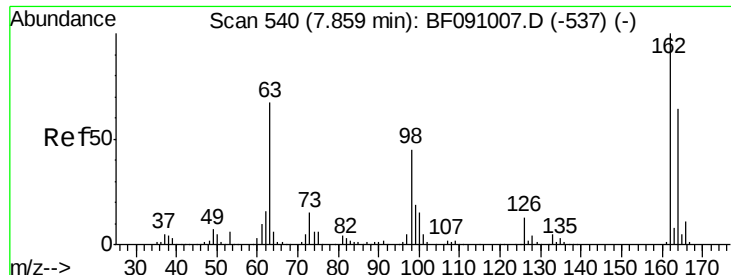
Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.1	8.7	13.1





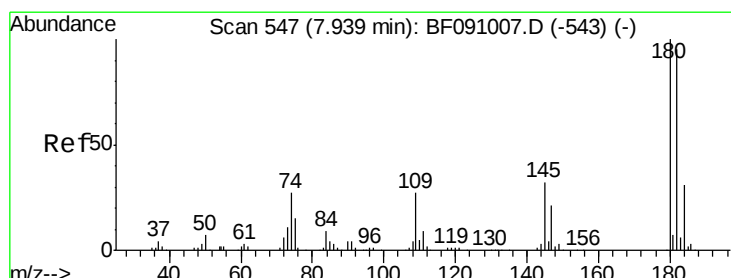
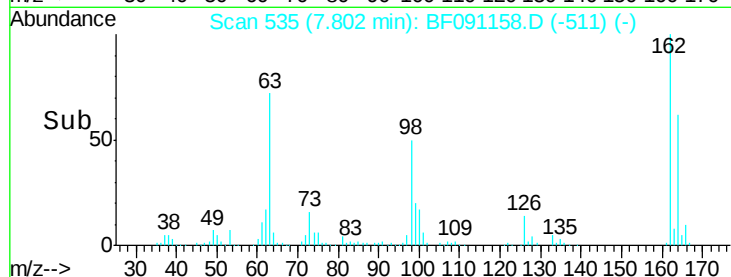
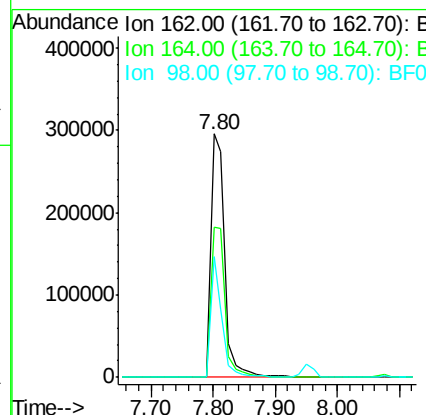
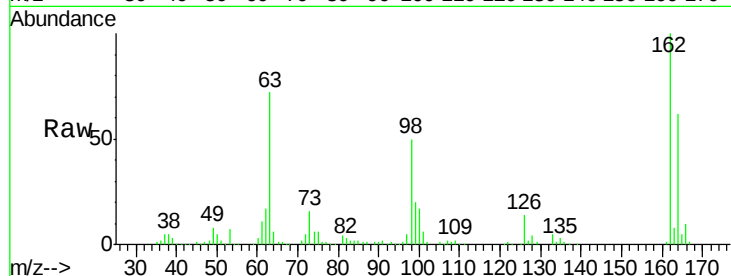
#29
2,4-Dichlorophenol
Concen: 50.99 ng
RT: 7.80 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	61.8	44.4	84.4
98	49.6	25.2	65.2

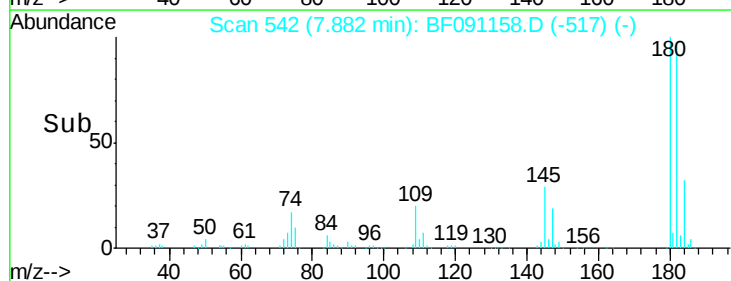
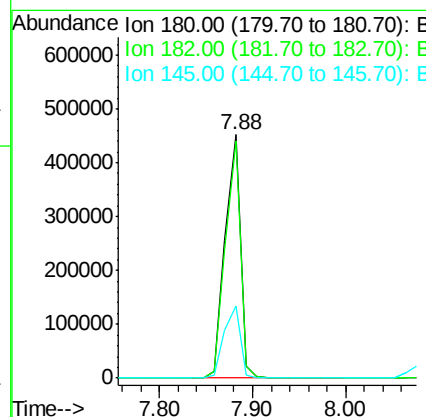
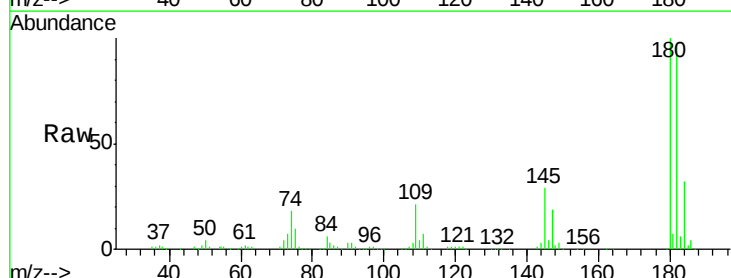
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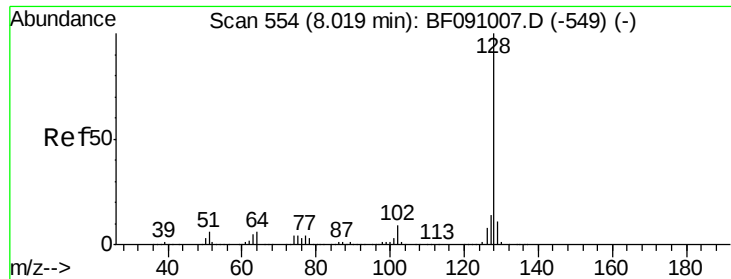
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#30
1,2,4-Trichlorobenzene
Concen: 51.70 ng
RT: 7.88 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.2	76.0	114.0
145	29.4	25.8	38.8





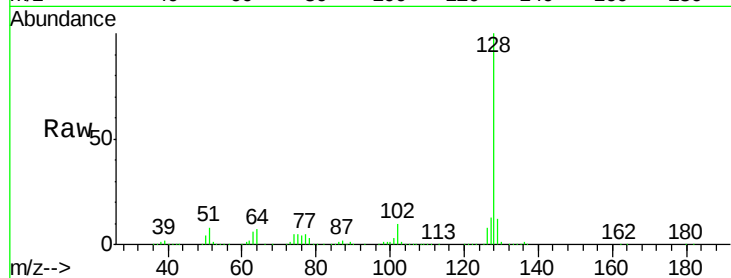
#31
Naphthalene
Concen: 43.91 ng
RT: 7.95 min Scan# 548
Delta R.T. -0.02 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

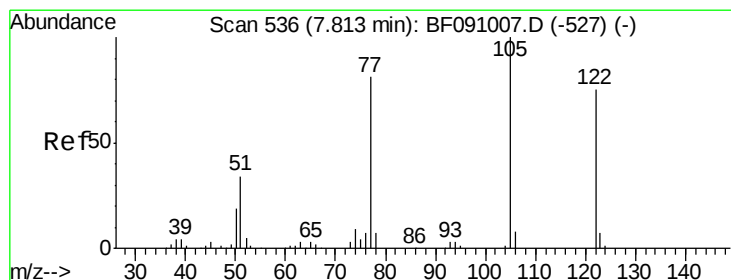
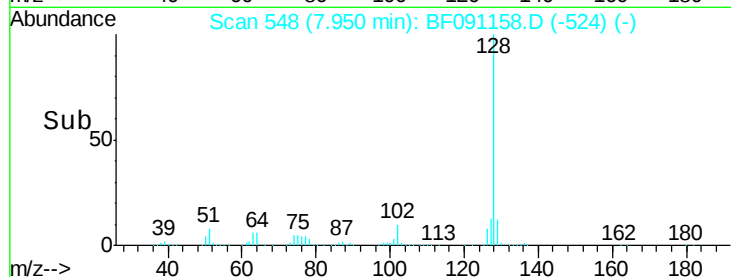
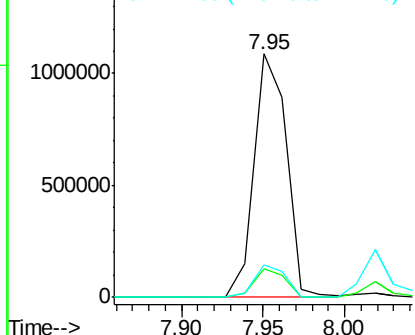
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.5	10.9	16.3

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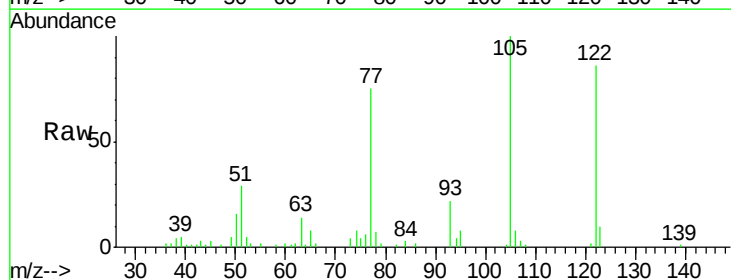


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

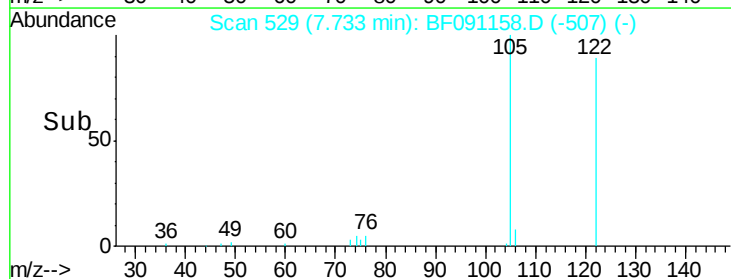
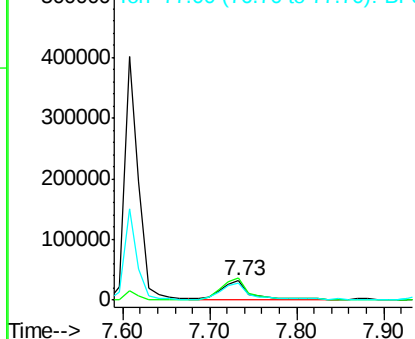


#32
Benzoic acid
Concen: 12.90 ng
RT: 7.73 min Scan# 529
Delta R.T. -0.05 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.7	105.9	145.9
77	87.3	84.0	124.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





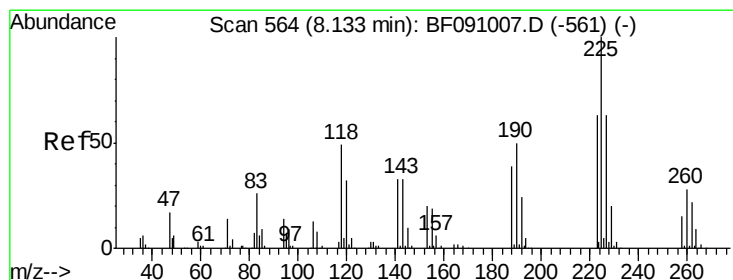
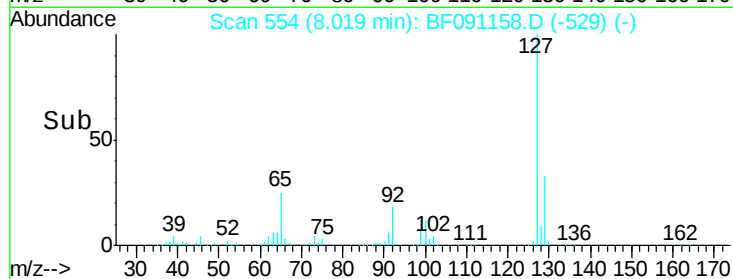
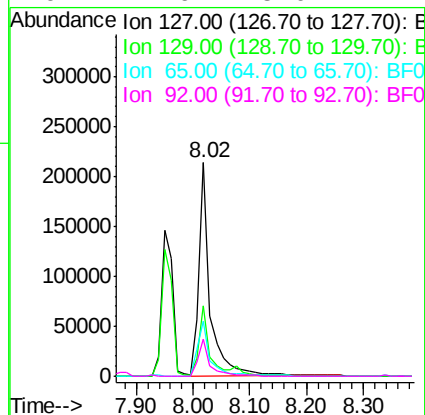
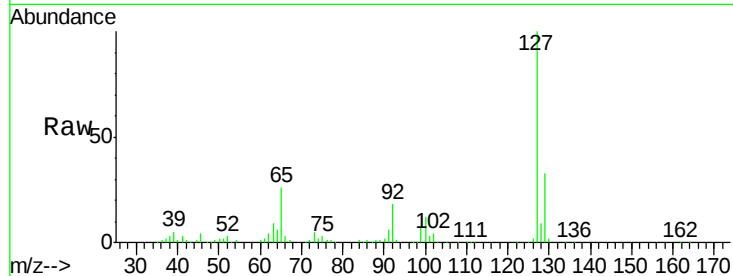
#33
4-Chloroaniline
Concen: 20.44 ng
RT: 8.02 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.6	39.8		
65	25.9	22.2	33.2		
92	17.6	15.0	22.4		

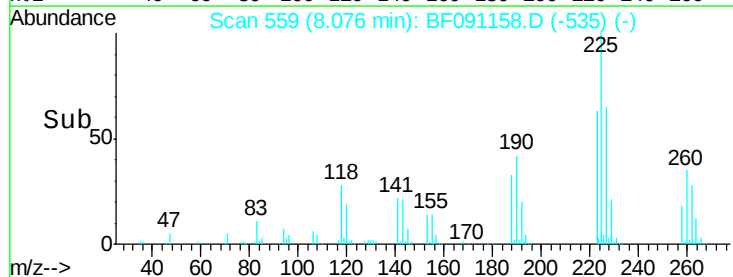
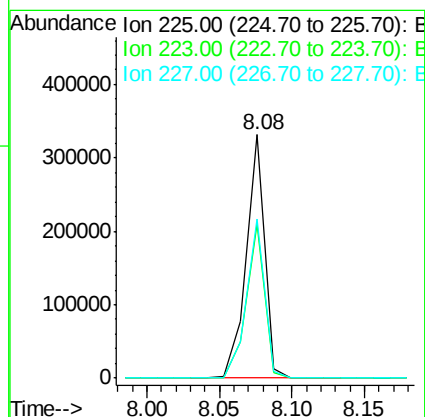
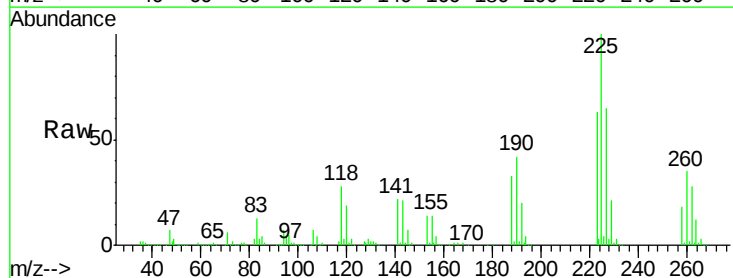
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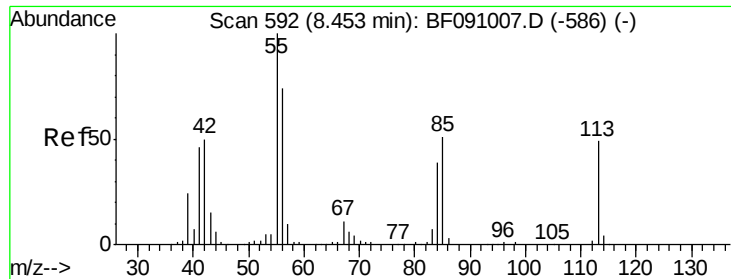
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#34
Hexachlorobutadiene
Concen: 54.02 ng
RT: 8.08 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	50.4	75.6		
227	65.3	50.1	75.1		





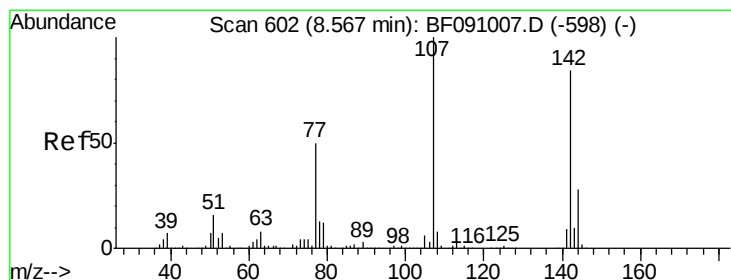
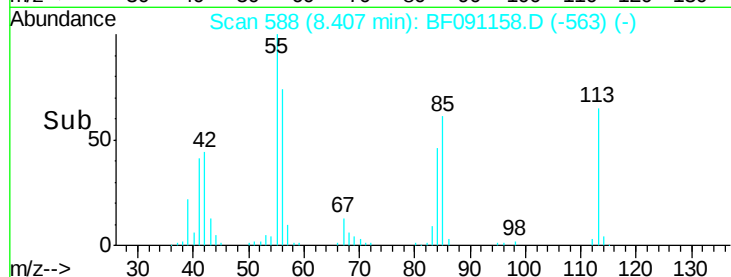
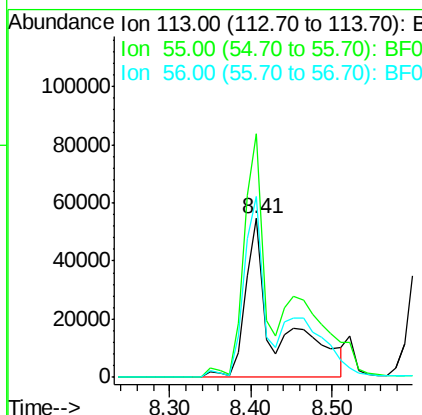
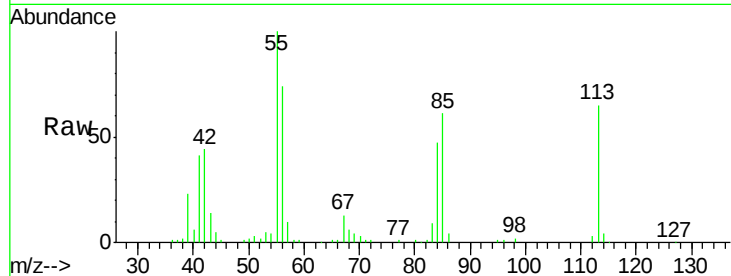
#35
 Caprolactam
 Concen: 53.30 ng/ml
 RT: 8.41 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Instrument :
 BNA_F
 ClientSampleID :
 SB-COMPMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.2	184.1	224.1#
56	113.9	132.0	172.0#

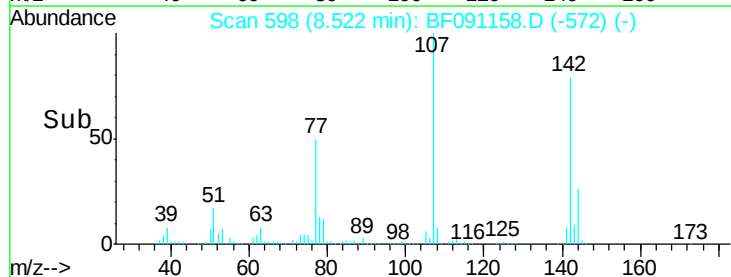
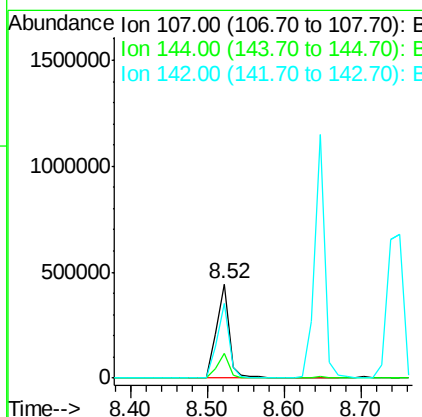
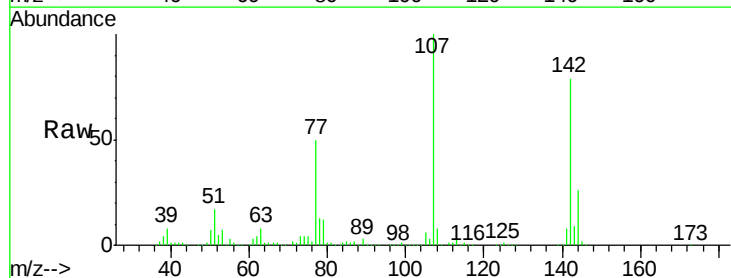
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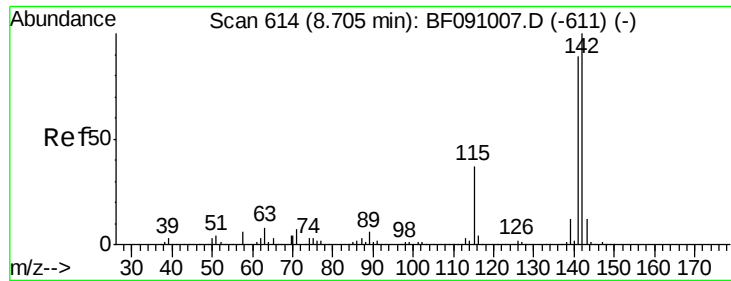
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#36
 4-Chloro-3-methylphenol
 Concen: 47.42 ng/ml
 RT: 8.52 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	22.5	33.7
142	79.0	67.4	101.2





#37

2-Methylnaphthalene

Concen: 47.40 ng

RT: 8.65 min Scan# 609

Delta R.T. -0.02 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

Tot Ion:142 Resp: 1044631

Ion Ratio Lower Upper

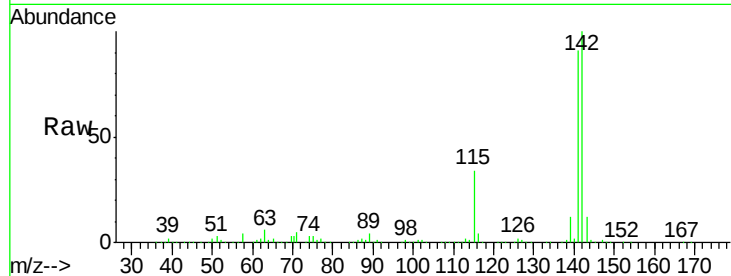
142 100

141 90.9 71.3 106.9

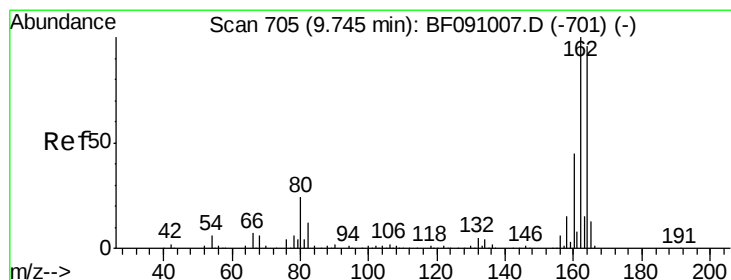
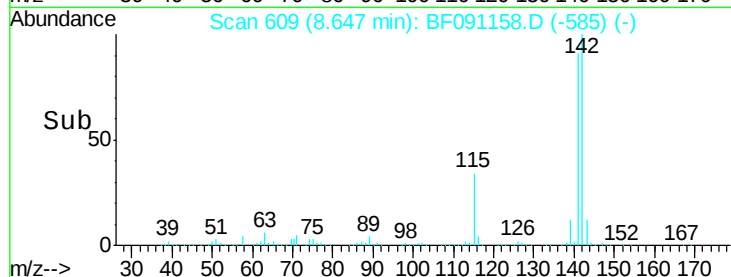
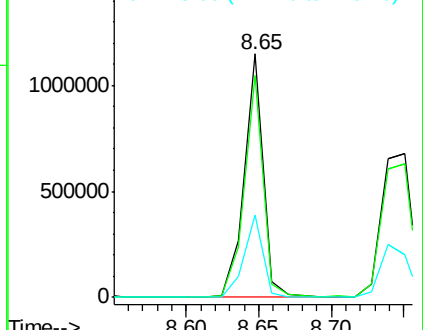
115 33.8 29.9 44.9

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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: 9.69 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

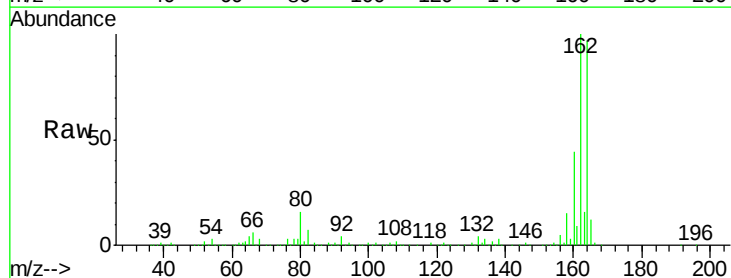
Tgt Ion:164 Resp: 379453

Ion Ratio Lower Upper

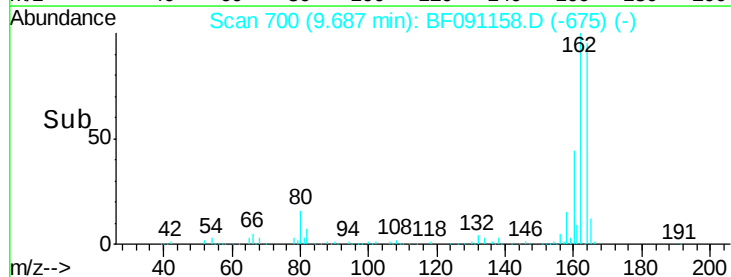
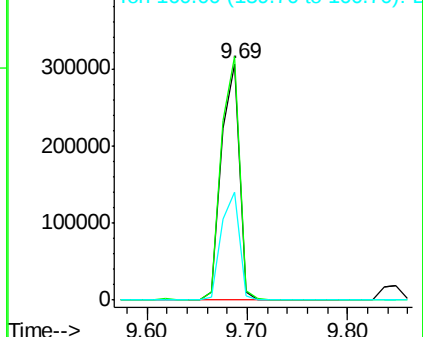
164 100

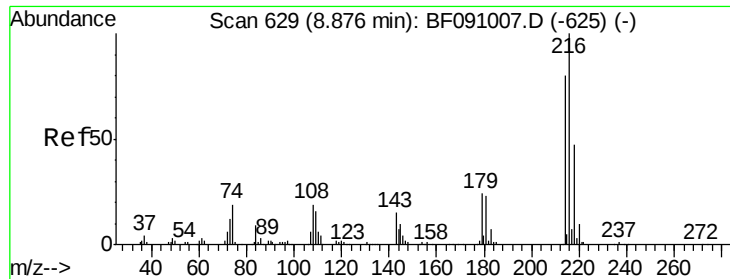
162 103.2 83.6 125.4

160 45.7 37.9 56.9



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 55.20 ng

RT: 8.82 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

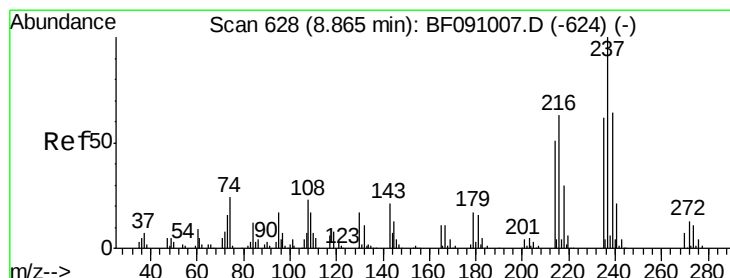
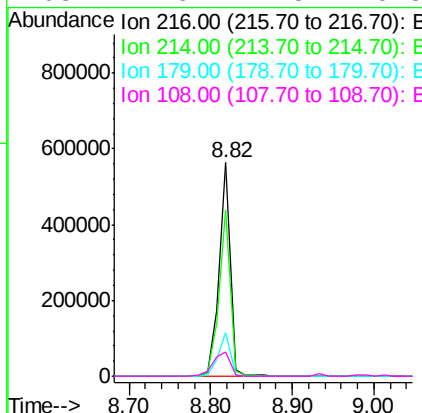
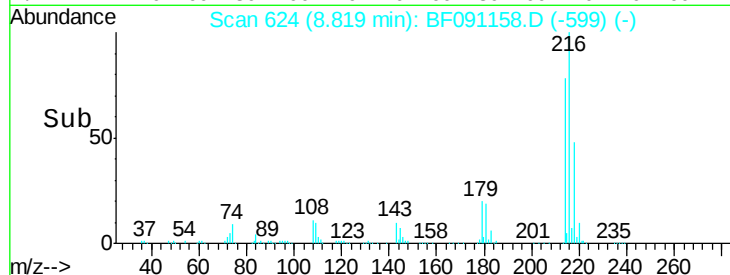
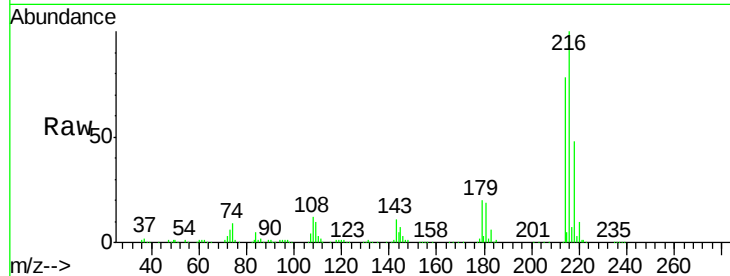
ClientSampleId :

SB-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		534072		
214	78.5		63.5	95.3	
179	21.4		19.1	28.7	
108	17.6		17.5	26.3	

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#40

Hexachlorocyclopentadiene

Concen: 101.28 ng

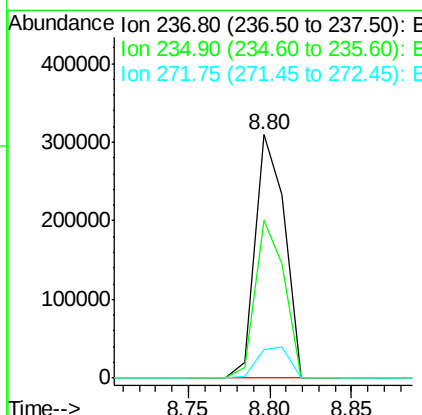
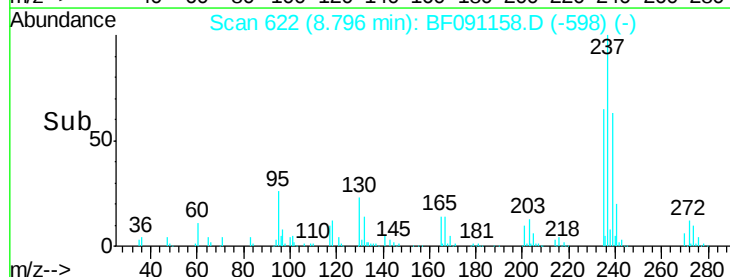
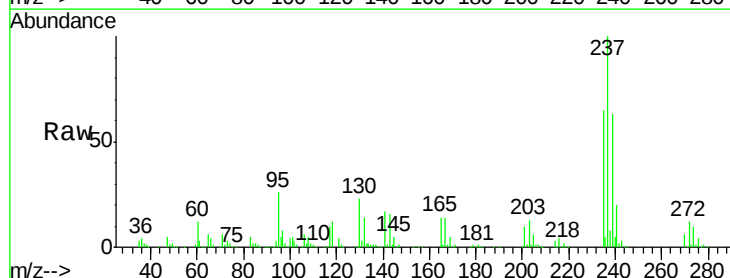
RT: 8.80 min Scan# 622

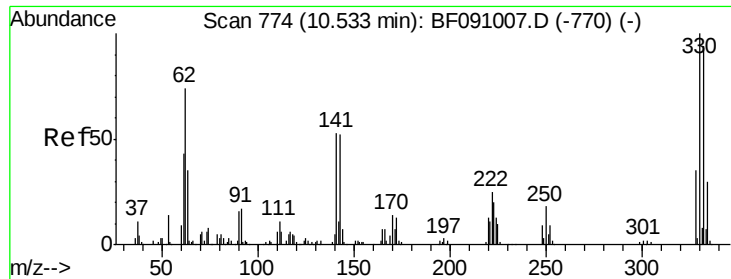
Delta R.T. -0.02 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		387547		
235	64.9		42.1	82.1	
272	11.9		0.0	33.1	





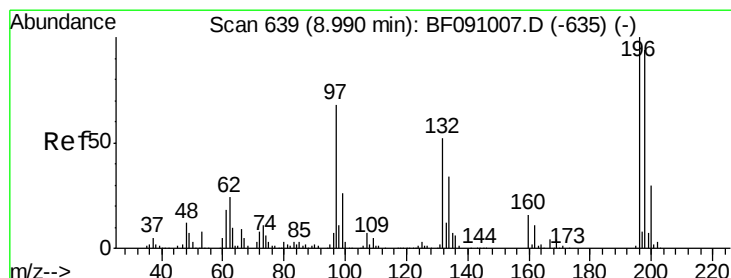
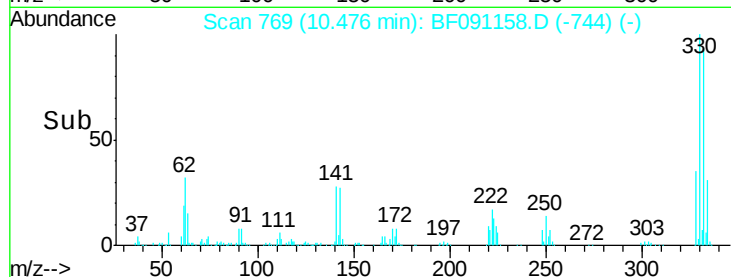
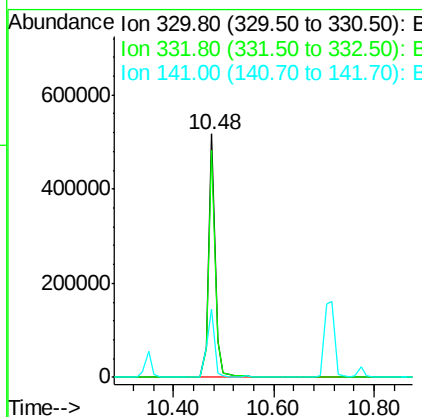
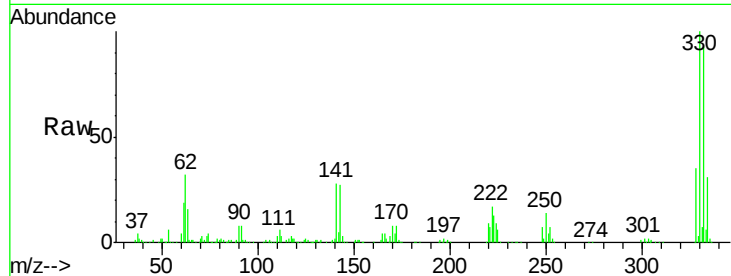
#41
 2,4,6-Tribromophenol
 Concen: 140.08 ng
 RT: 10.48 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	480529		
332	93.9		75.9	113.9
141	31.9		36.1	54.1#

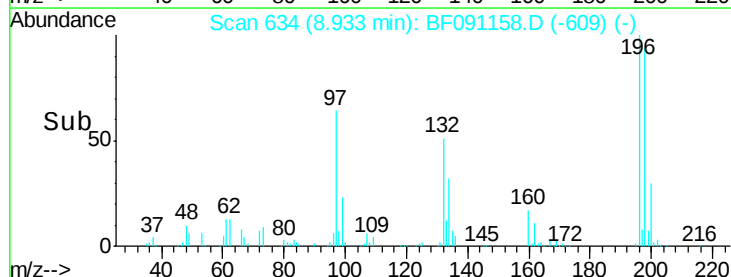
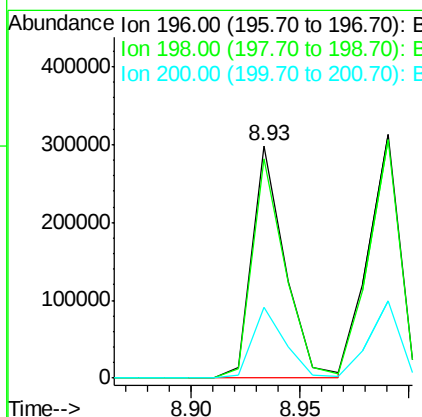
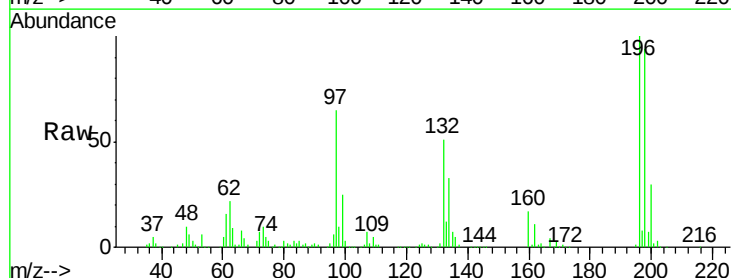
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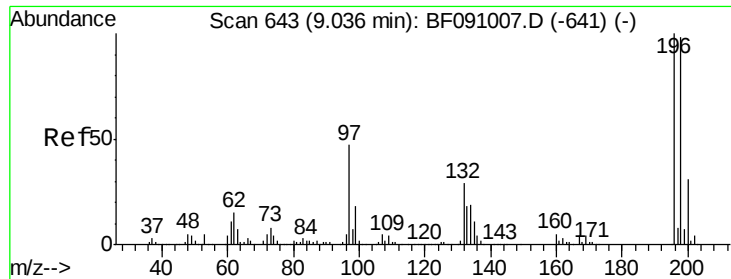
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#42
 2,4,6-Trichlorophenol
 Concen: 50.23 ng
 RT: 8.93 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	313717		
198	94.3		75.4	113.0
200	30.2		24.1	36.1





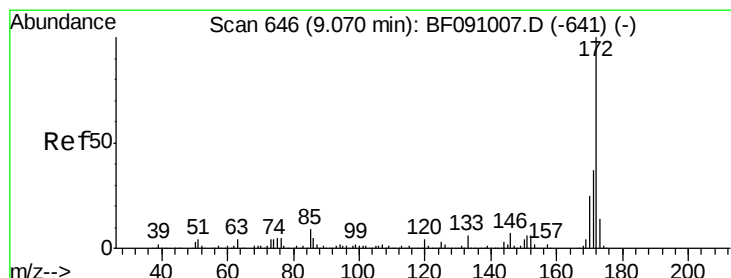
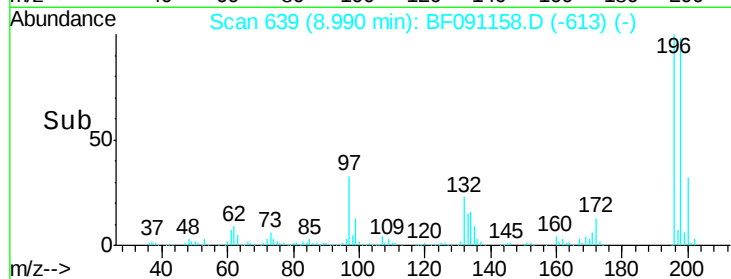
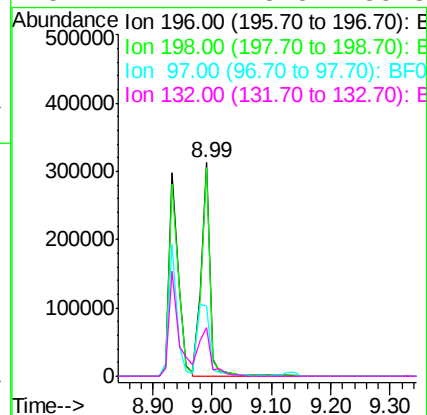
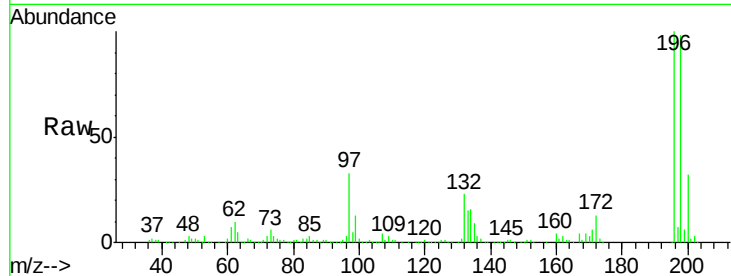
#43
 2,4,5-Trichlorophenol
 Concen: 50.70 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	332476		
198	97.8	78.2	117.4	
97	32.7	38.8	58.2	#
132	22.7	23.5	35.3	#

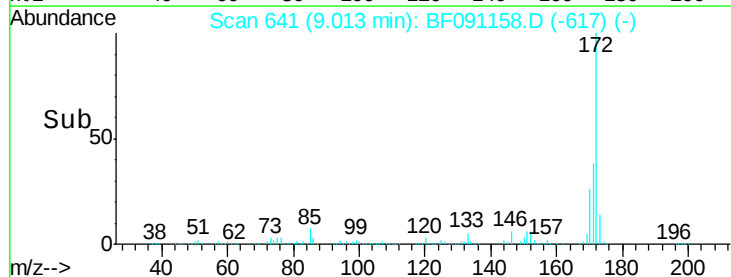
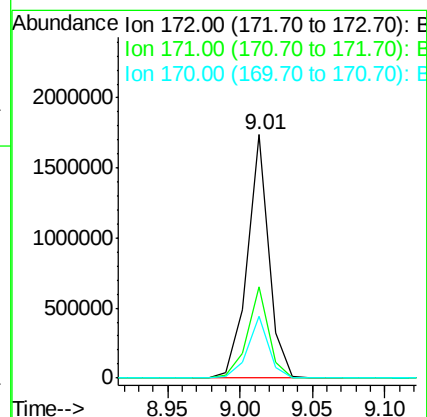
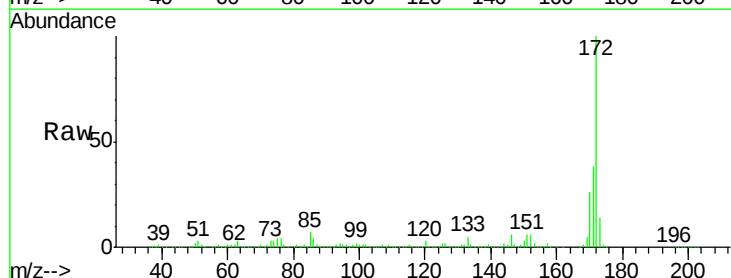
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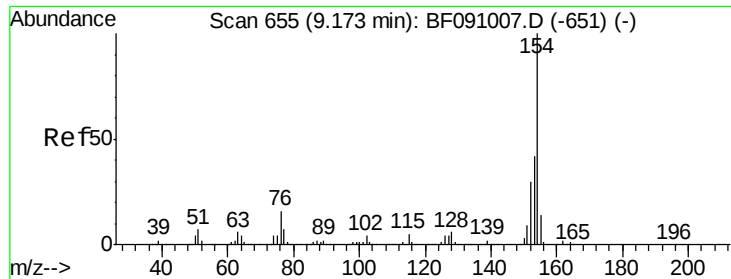
sohil
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#44
 2-Fluorobiphenyl
 Concen: 81.18 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1789217		
171	37.7	29.8	44.6	
170	25.5	20.3	30.5	





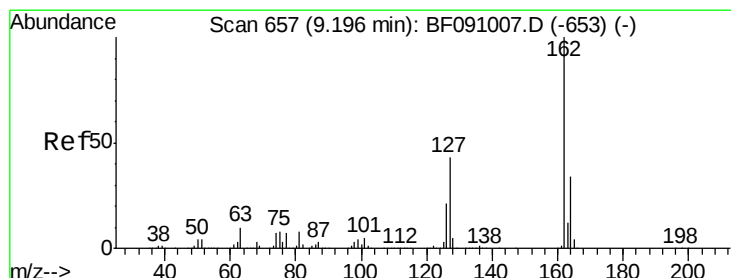
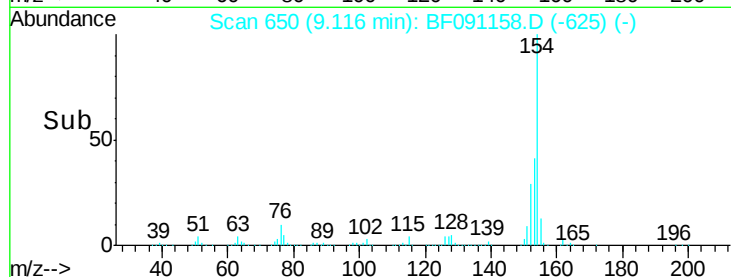
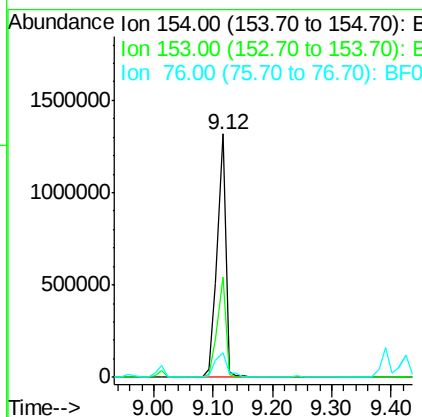
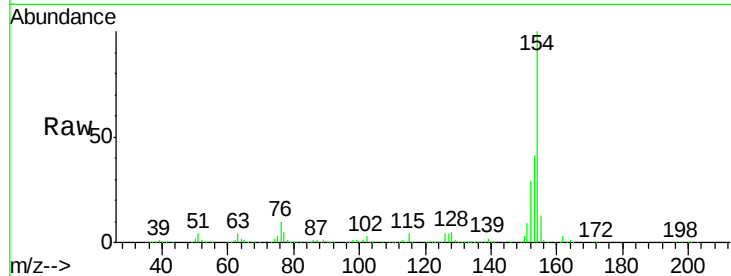
#45
 1,1'-Biphenyl
 Concen: 47.79 ng
 RT: 9.12 min Scan# 650
 Delta R.T. -0.01 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tot Ion:154 Resp: 1324263
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.6 61.6
 76 10.1 0.0 36.2

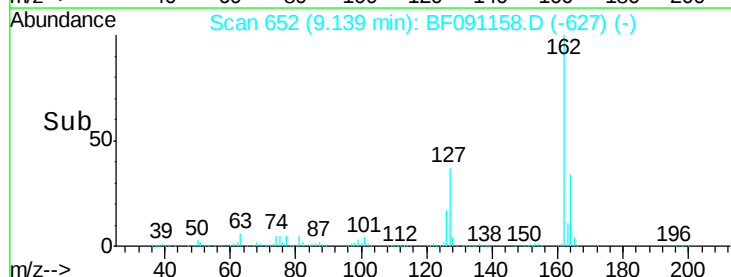
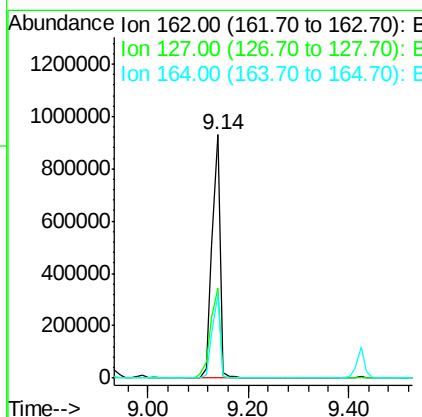
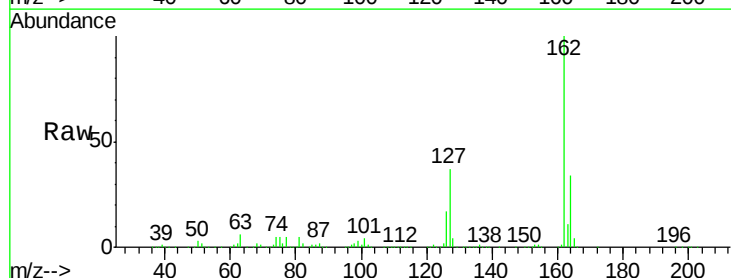
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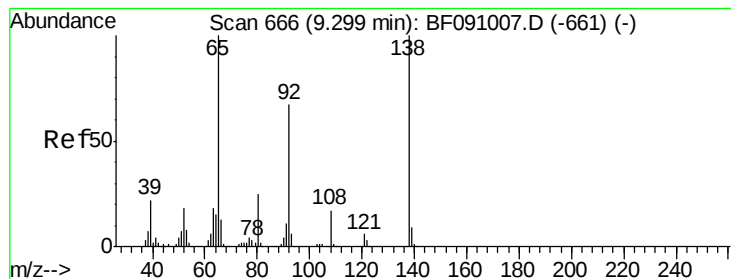
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#46
 2-Chloronaphthalene
 Concen: 49.56 ng
 RT: 9.14 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Tgt Ion:162 Resp: 1042600
 Ion Ratio Lower Upper
 162 100
 127 37.2 34.7 52.1
 164 34.1 27.0 40.4





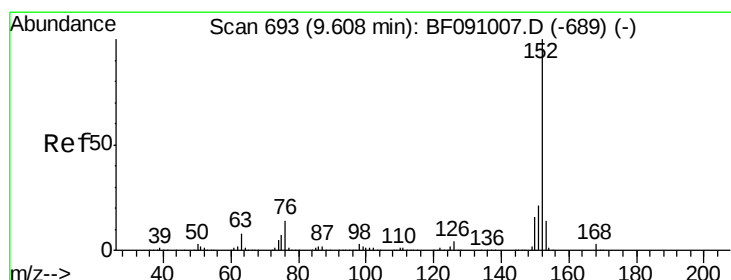
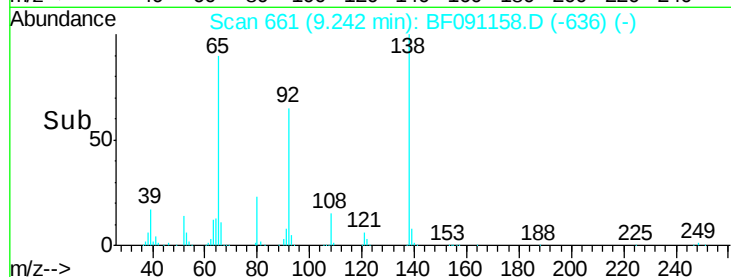
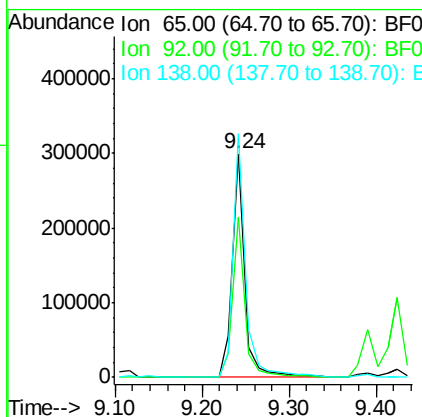
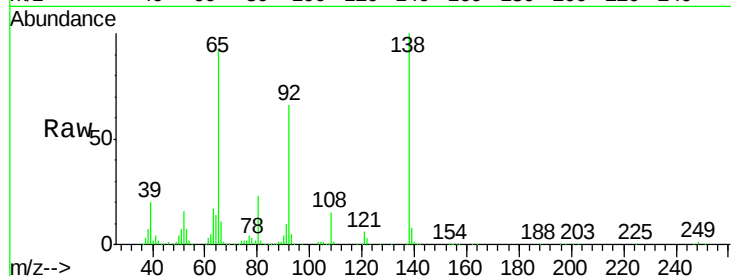
#47
2-Nitroaniline
Concen: 38.38 ng
RT: 9.24 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.5	53.9	80.9
138	108.9	80.1	120.1

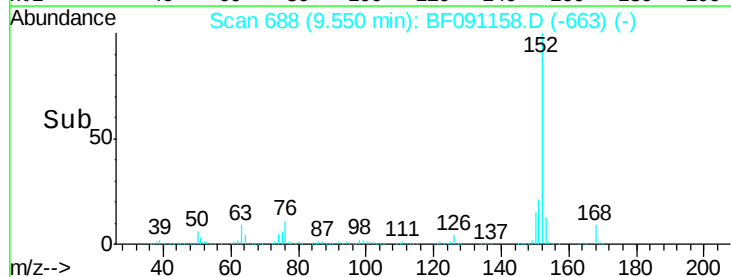
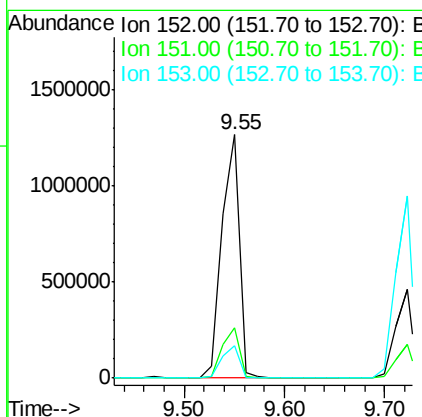
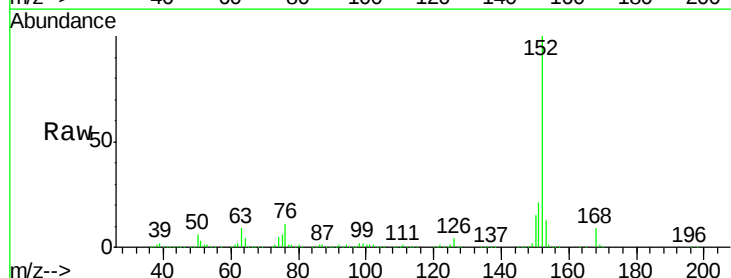
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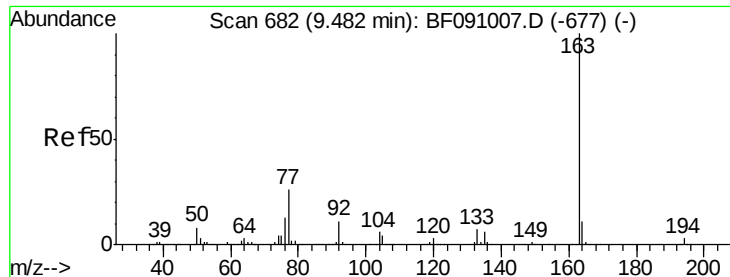
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#48
Acenaphthylene
Concen: 46.60 ng
RT: 9.55 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1
153	13.4	11.1	16.7





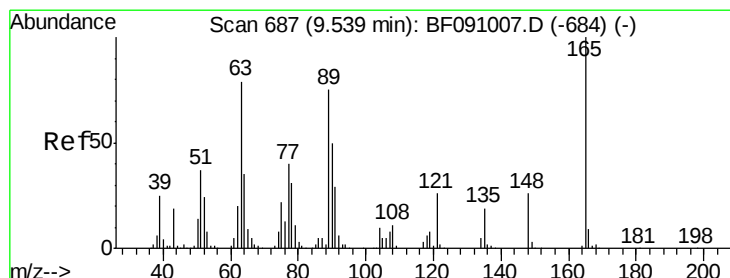
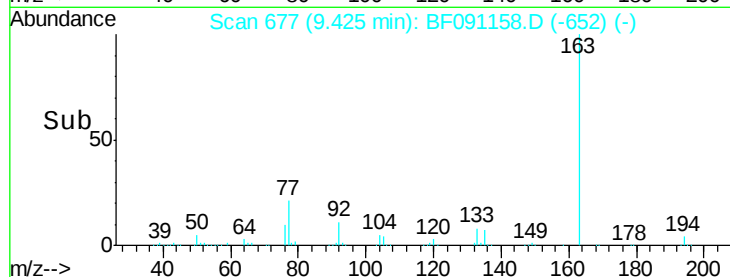
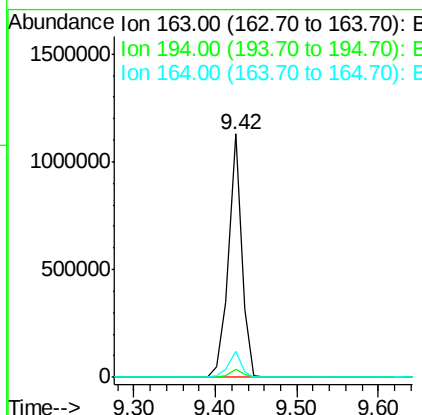
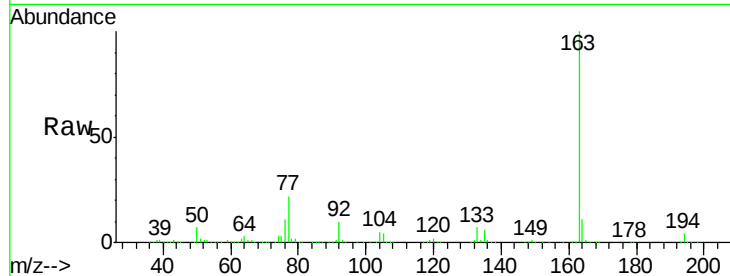
#49
Dimethylphthalate
Concen: 51.46 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tot Ion:163 Resp: 1280458
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.7 8.7 13.1

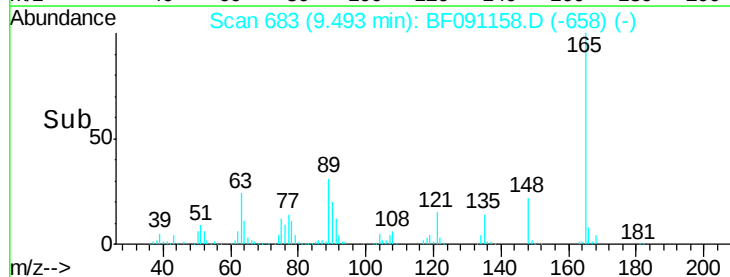
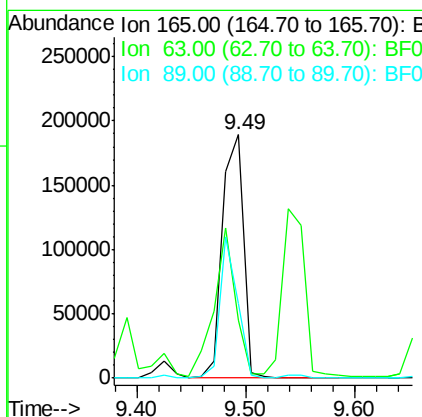
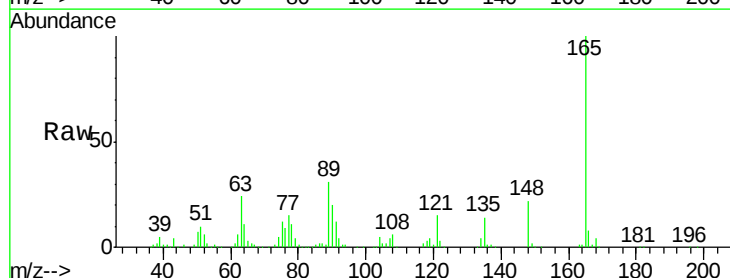
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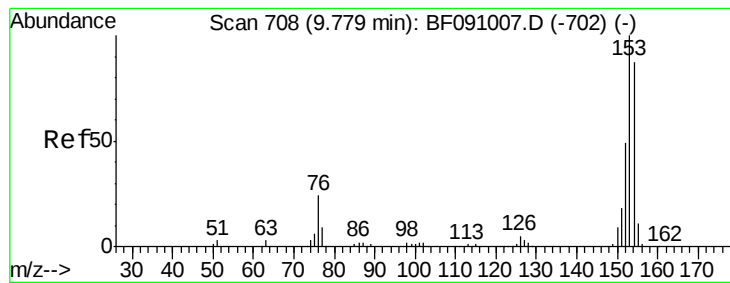
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#50
2,6-Dinitrotoluene
Concen: 47.92 ng
RT: 9.49 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tgt Ion:165 Resp: 255506
Ion Ratio Lower Upper
165 100
63 24.1 65.6 98.4#
89 30.8 59.8 89.6#





#51

Acenaphthene

Concen: 45.29 ng

RT: 9.72 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

Tot Ion:154 Resp: 932174

Ion Ratio Lower Upper

154 100

153 114.2 91.6 137.4

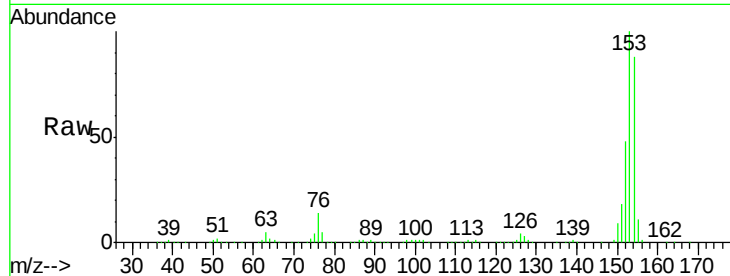
152 55.4 44.6 67.0

Manual Integrations

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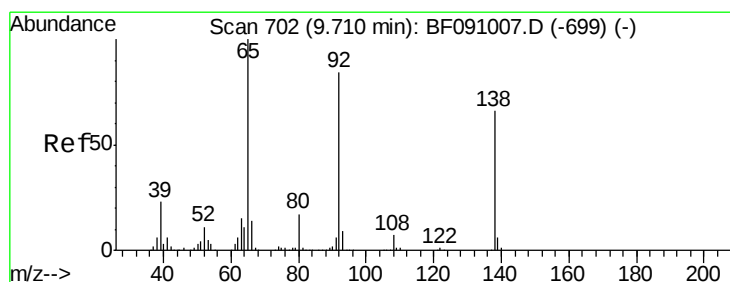
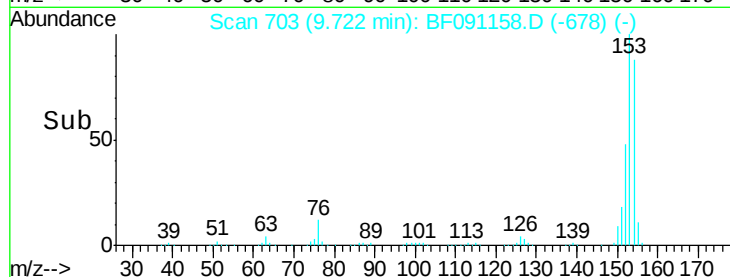
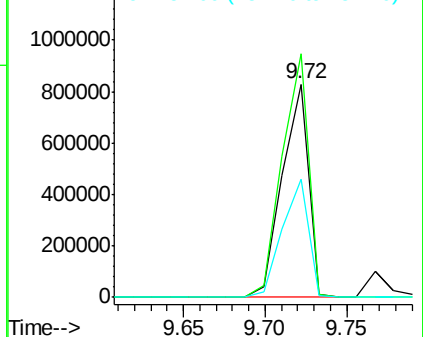
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.27 ng

RT: 9.65 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

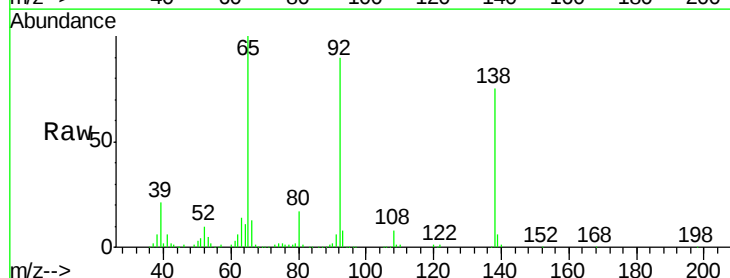
Tgt Ion:138 Resp: 185055

Ion Ratio Lower Upper

138 100

108 10.0 8.4 12.6

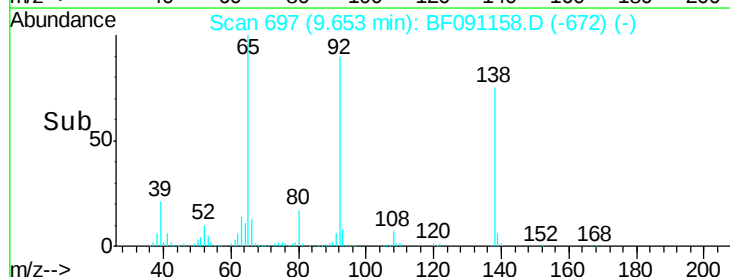
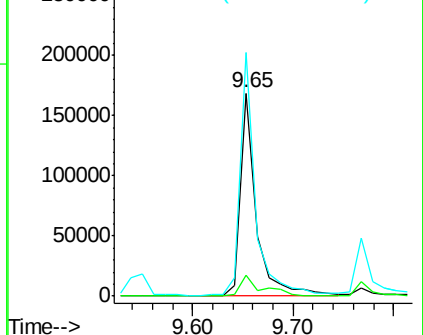
92 119.8 101.1 151.7

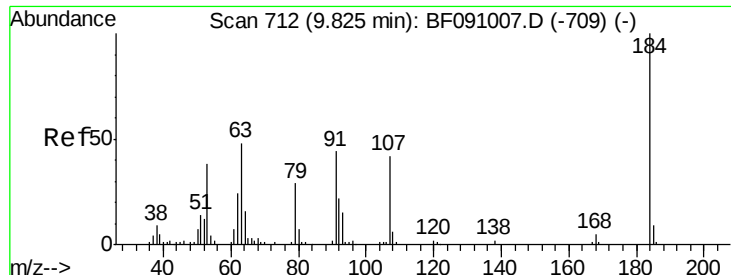


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





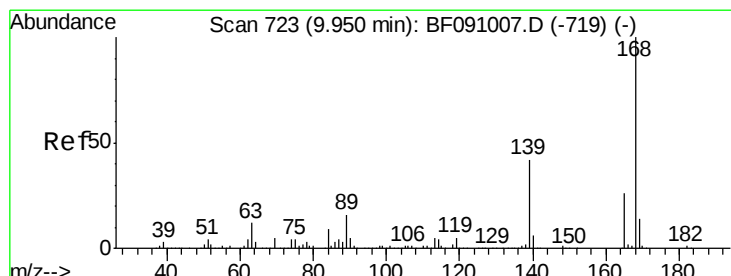
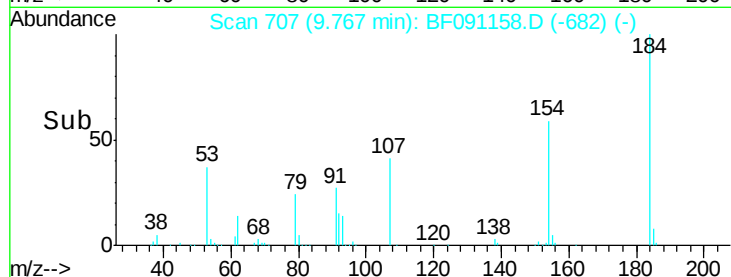
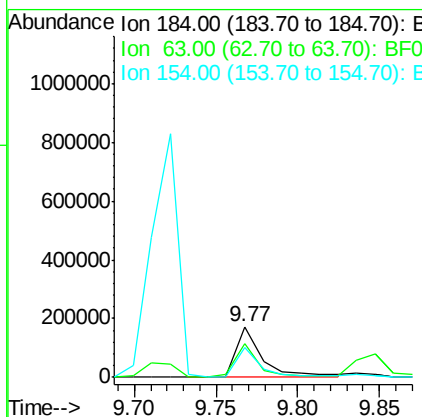
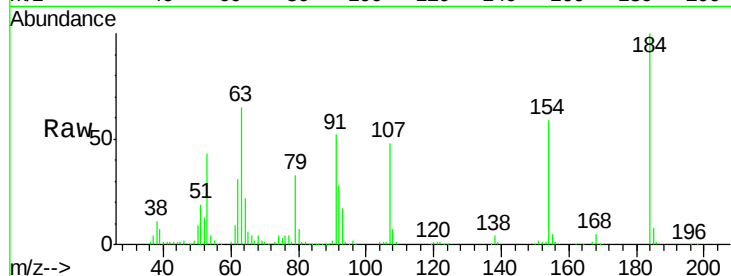
#53
 2,4-Dinitrophenol
 Concen: 66.46 ng
 RT: 9.77 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	189693		
63	65.1	45.5	68.3	
154	59.0	51.0	76.4	

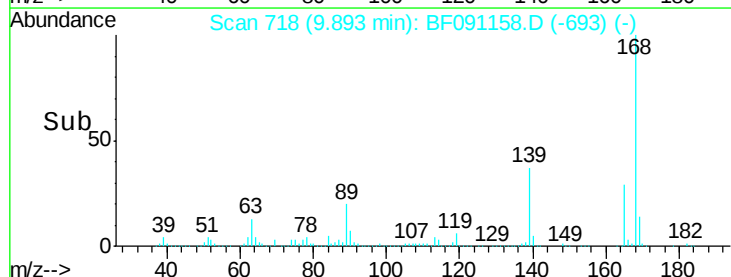
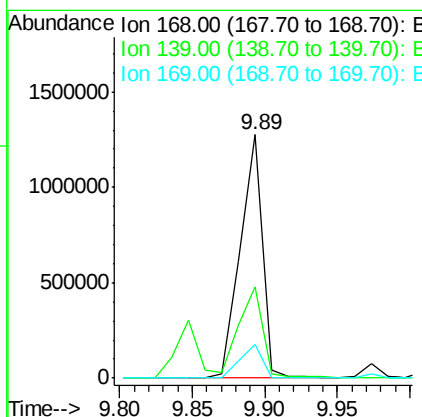
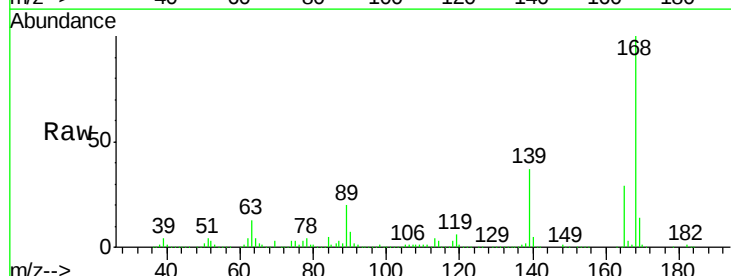
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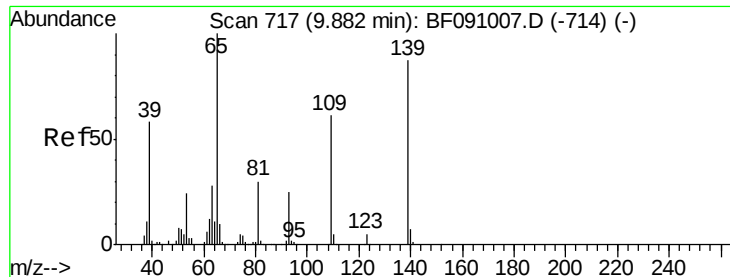
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#54
 Dibenzofuran
 Concen: 48.88 ng
 RT: 9.89 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1354086		
139	37.5	34.8	52.2	
169	13.7	11.4	17.2	





#55

4-Nitrophenol

Concen: 79.55 ng

RT: 9.85 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

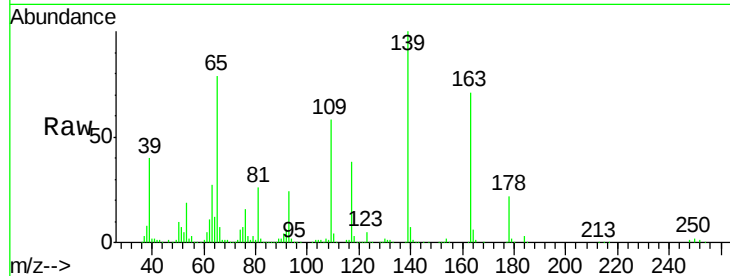
ClientSampleId :

SB-COMPMSD

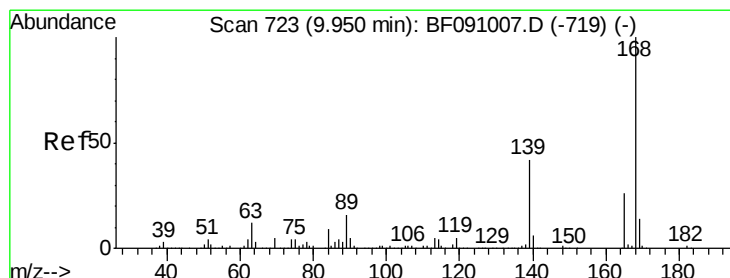
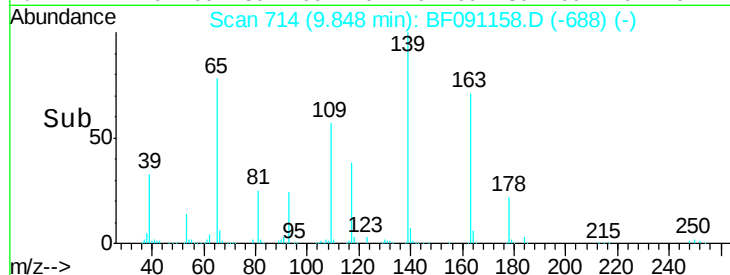
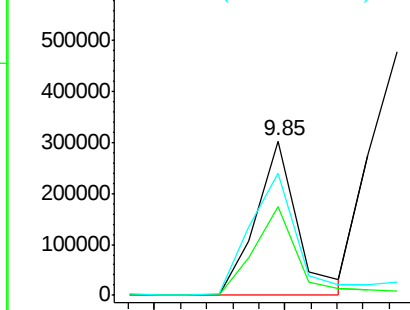
Tot Ion:	139	Resp:	334863
Ion Ratio	Lower	Upper	
139	100		
109	57.8	50.5	90.5
65	78.9	97.1	137.1#

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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): BFO



#56

2,4-Dinitrotoluene

Concen: 48.18 ng

RT: 9.89 min Scan# 718

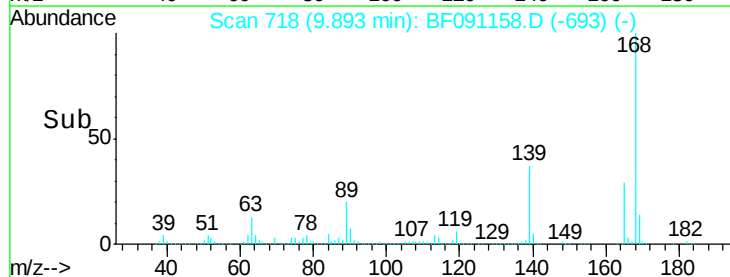
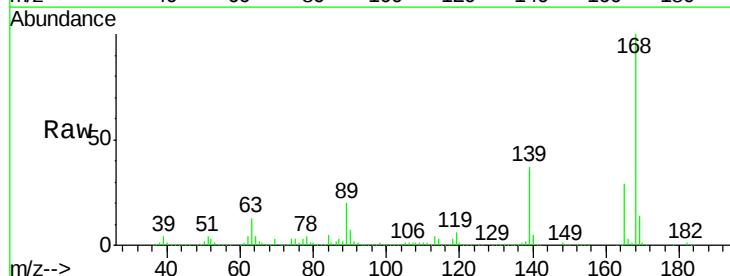
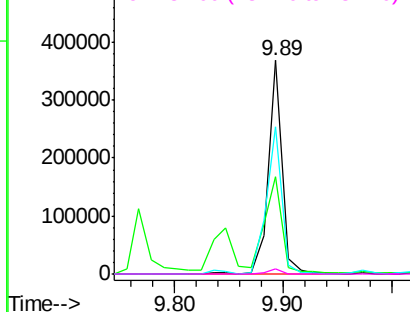
Delta R.T. -0.01 min

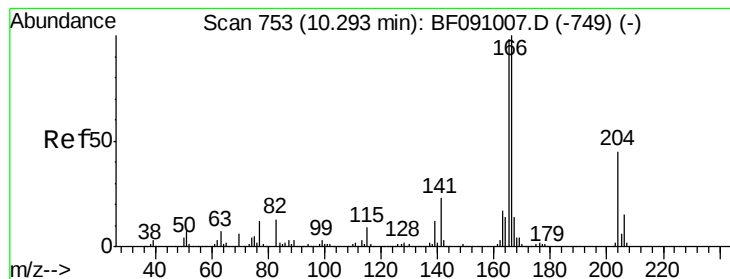
Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Tgt Ion:	165	Resp:	326887
Ion Ratio	Lower	Upper	
165	100		
63	45.4	38.7	58.1
89	69.1	50.6	76.0
182	2.5	1.8	2.8

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BFO
Ion 89.00 (88.70 to 89.70): BFO
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.51 ng

RT: 10.24 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

Tot Ion:166 Resp: 1075895

Ion Ratio Lower Upper

166 100

165 99.5 78.6 118.0

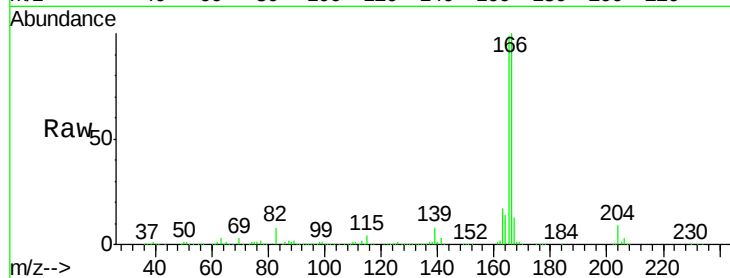
167 13.4 11.1 16.7

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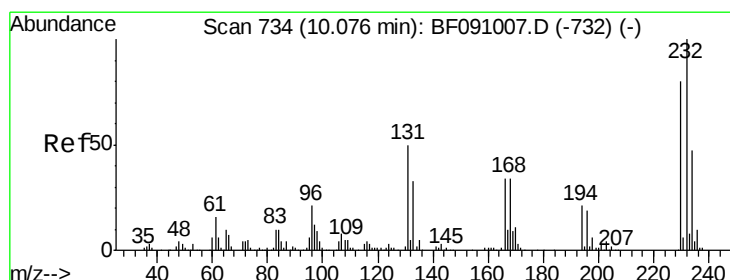
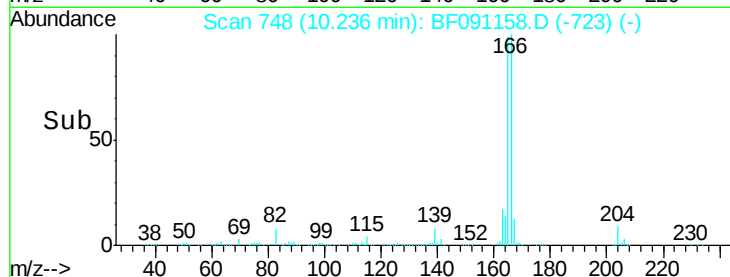
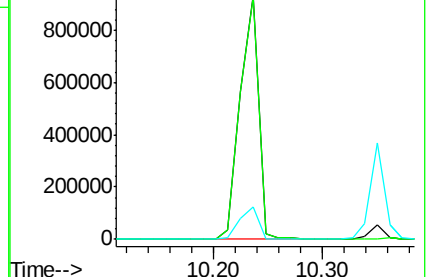
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.76 ng

RT: 10.02 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Tgt Ion:232 Resp: 296739

Ion Ratio Lower Upper

232 100

131 43.8 43.6 65.4

130 2.0 2.0 3.0

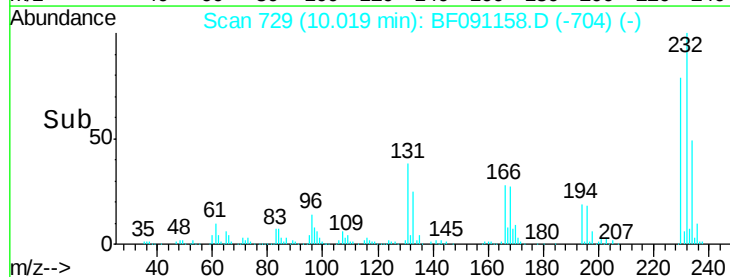
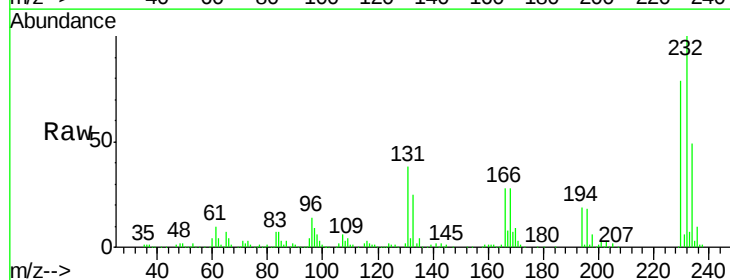
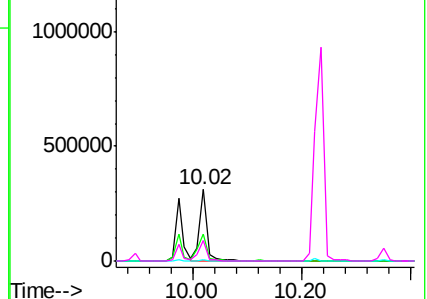
166 29.2 27.4 41.2

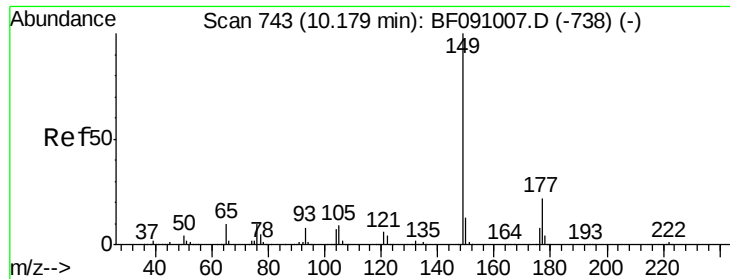
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





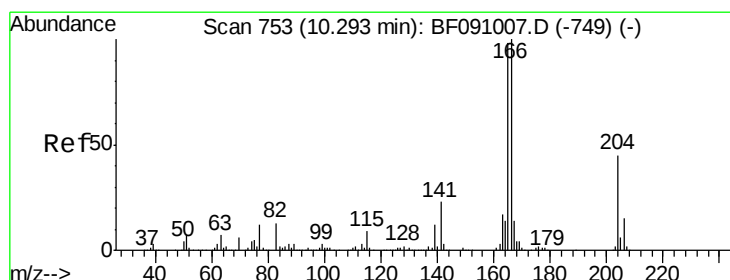
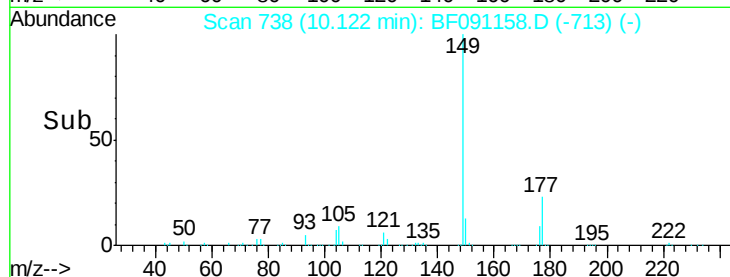
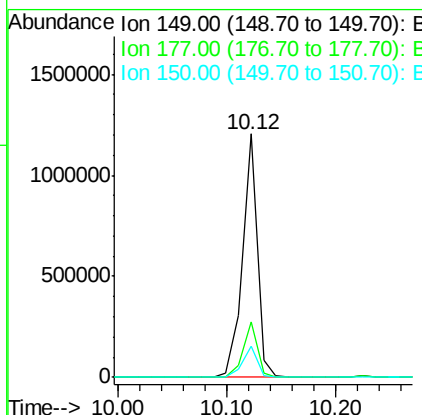
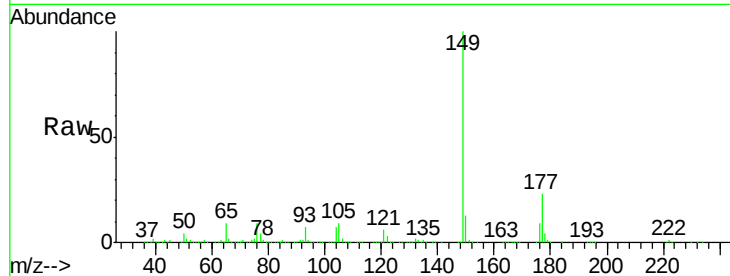
#59
Diethylphthalate
Concen: 43.82 ng
RT: 10.12 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tot Ion:149 Resp: 1117877
Ion Ratio Lower Upper
149 100
177 22.6 17.3 25.9
150 13.0 10.3 15.5

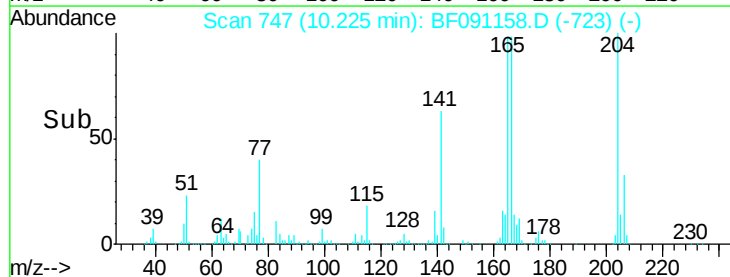
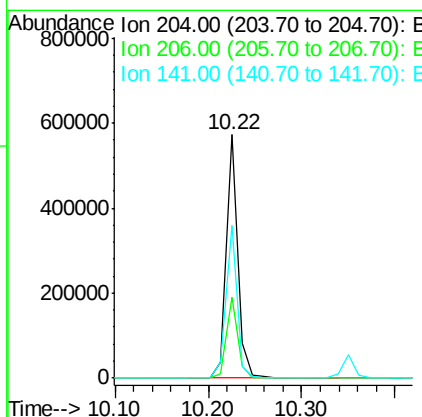
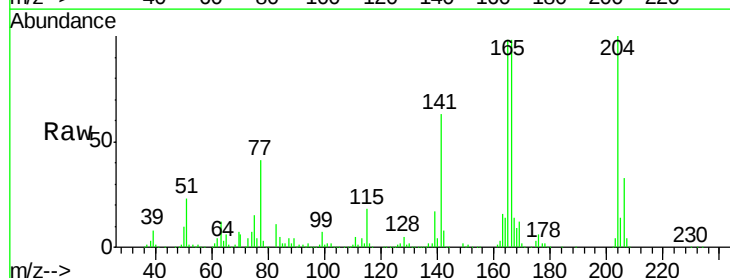
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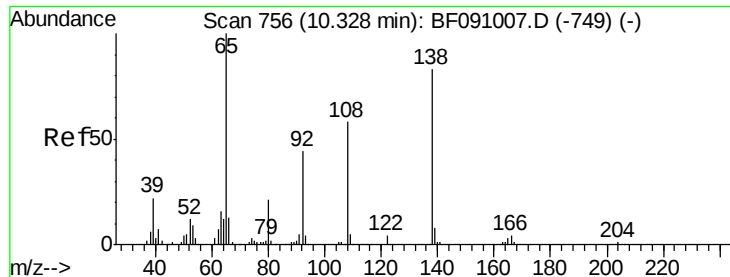
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 47.09 ng
RT: 10.22 min Scan# 747
Delta R.T. -0.02 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tgt Ion:204 Resp: 485340
Ion Ratio Lower Upper
204 100
206 33.2 27.1 40.7
141 62.8 40.1 60.1#





#61

4-Nitroaniline

Concen: 36.46 ng

RT: 10.27 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

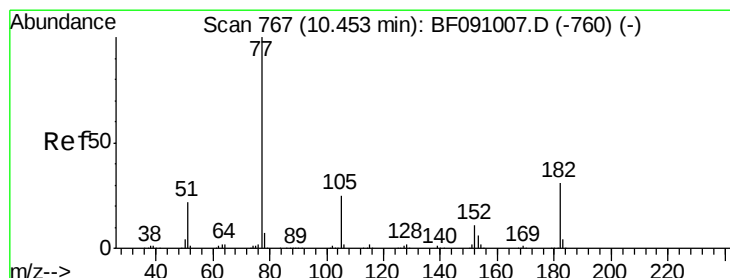
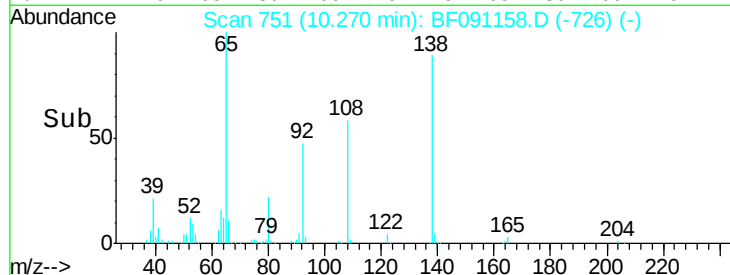
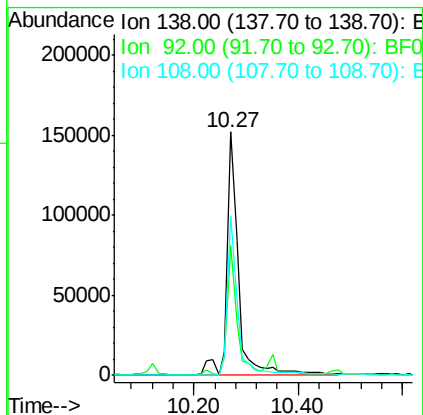
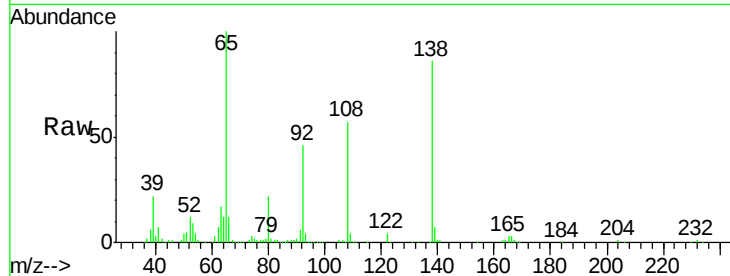
ClientSampleId :

SB-COMPMSD

Tot Ion:	138	Resp:	233247
Ion Ratio	Lower	Upper	
138	100		
92	53.2	32.5	72.5
108	65.4	49.4	89.4

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#62

Azobenzene

Concen: 43.15 ng

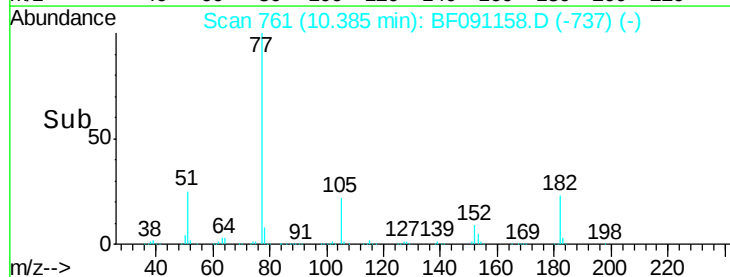
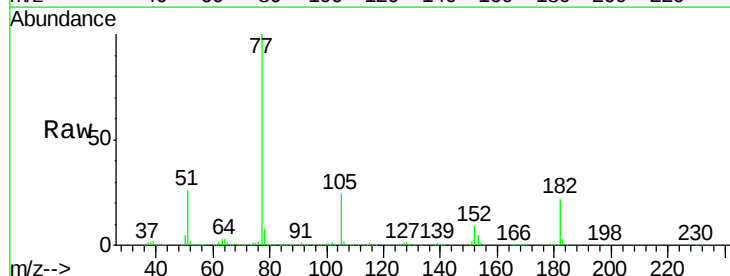
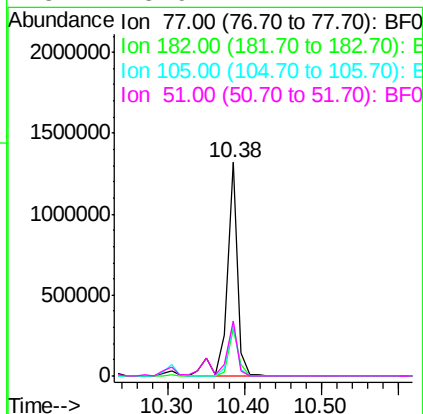
RT: 10.38 min Scan# 761

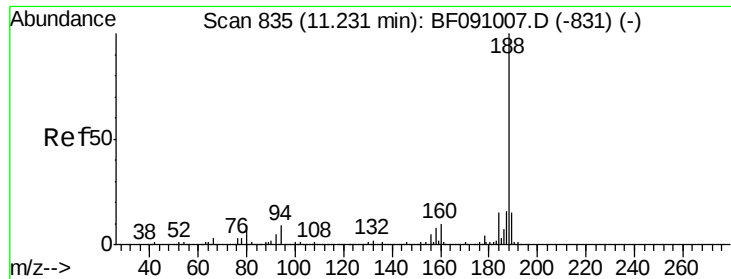
Delta R.T. -0.02 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Tgt Ion:	77	Resp:	1295779
Ion Ratio	Lower	Upper	
77	100		
182	22.5	11.0	51.0
105	24.4	5.6	45.6
51	25.9	2.7	42.7





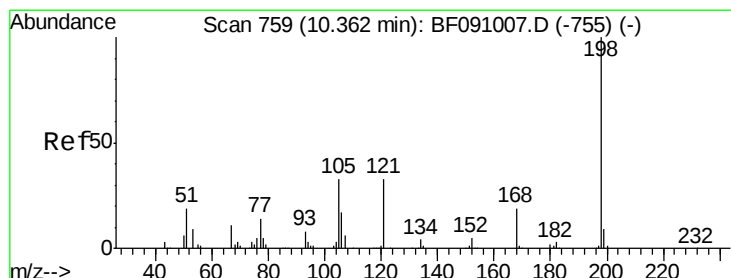
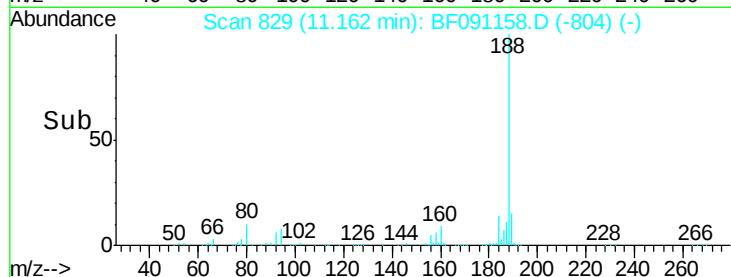
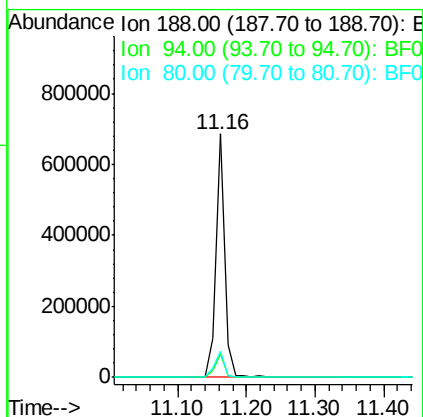
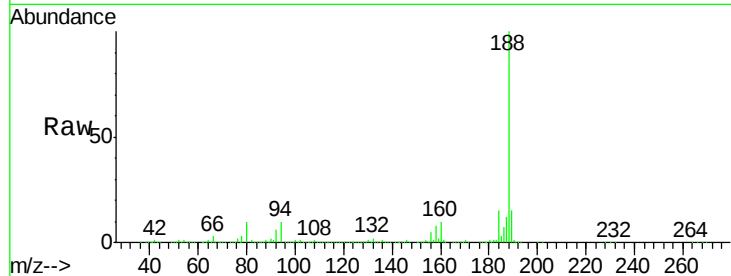
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	623853		
94	9.8		7.0	10.4
80	10.5		7.5	11.3

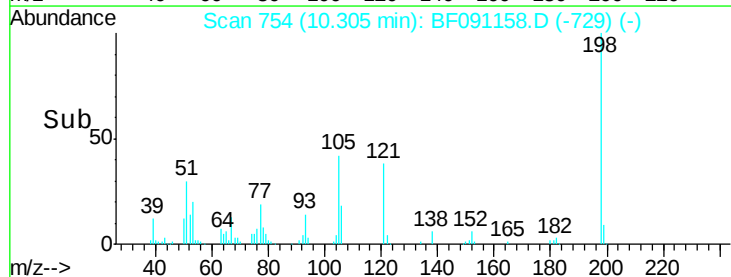
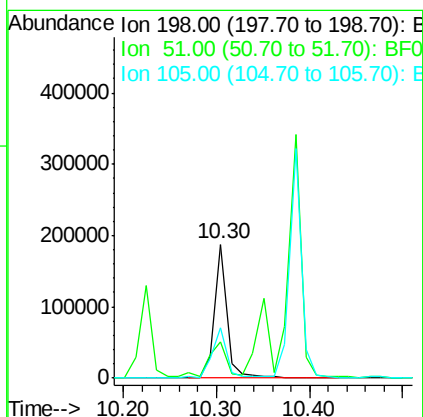
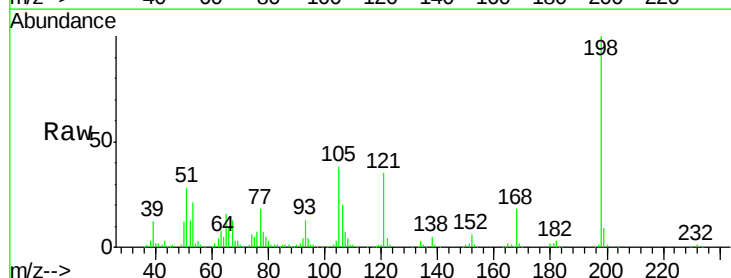
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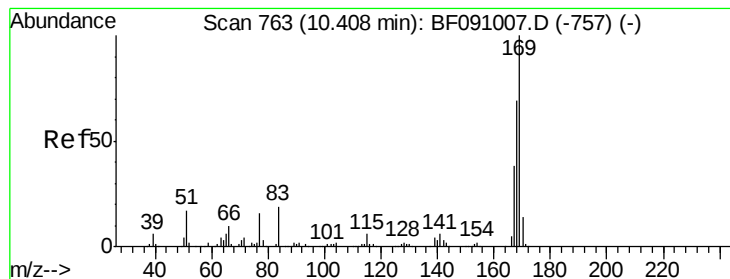
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.14 ng
RT: 10.30 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	176264		
51	27.6		5.9	45.9
105	38.1		13.8	53.8





#65

n-Nitrosodiphenylamine

Concen: 44.46 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

Tot Ion:169 Resp: 881679

Ion Ratio Lower Upper

169 100

168 69.4 55.3 82.9

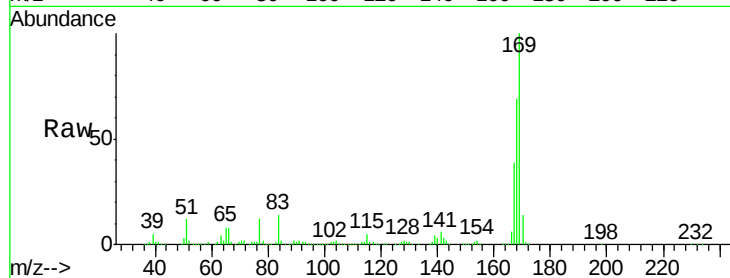
167 38.6 30.3 45.5

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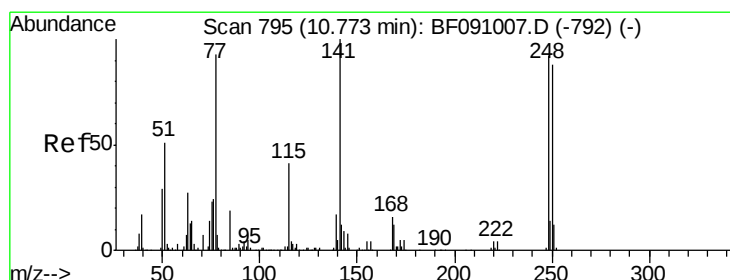
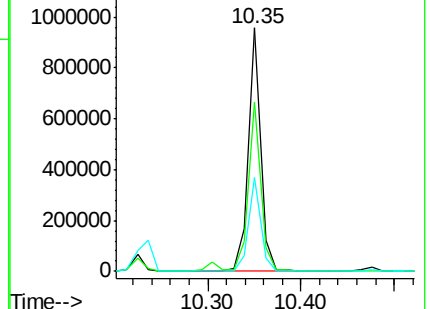
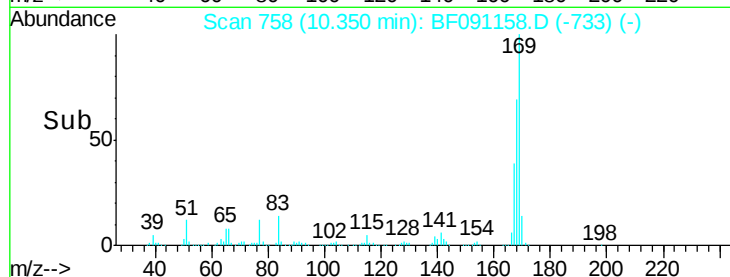
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 52.68 ng

RT: 10.72 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

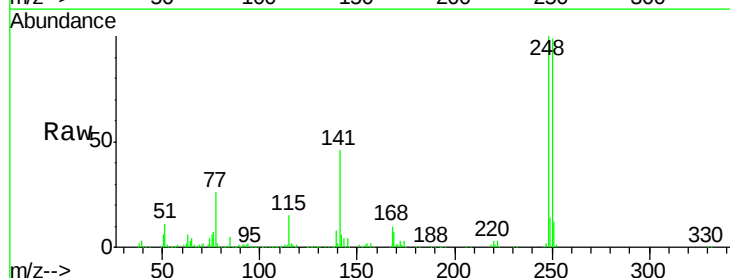
Tgt Ion:248 Resp: 341829

Ion Ratio Lower Upper

248 100

250 99.3 76.3 114.5

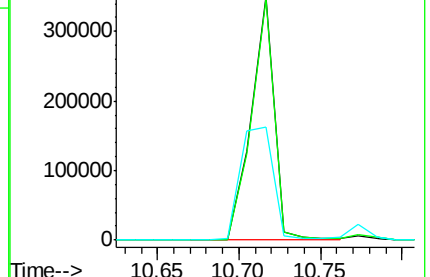
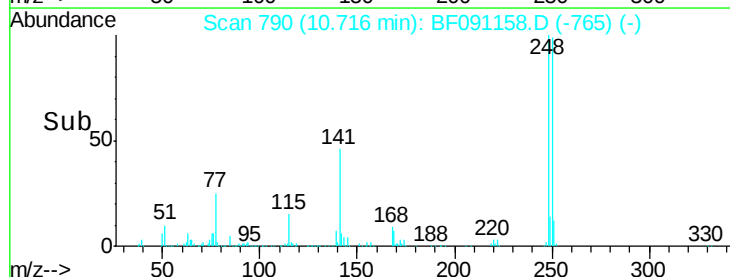
141 46.3 86.8 130.2#

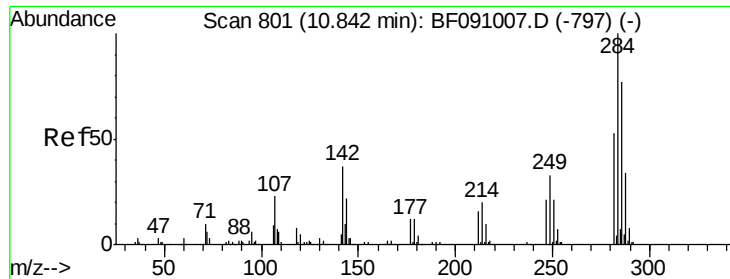


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 49.35 ng

RT: 10.77 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

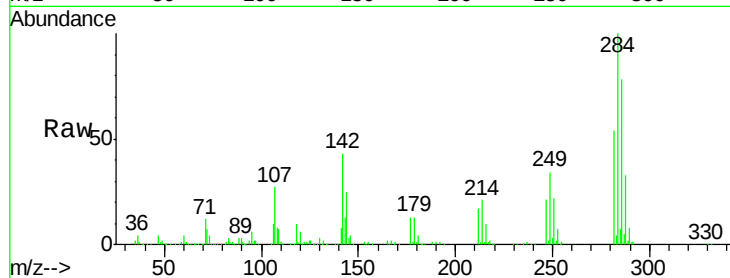
ClientSampleId :

SB-COMPMSD

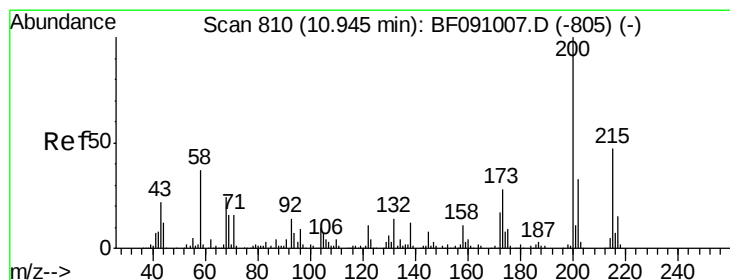
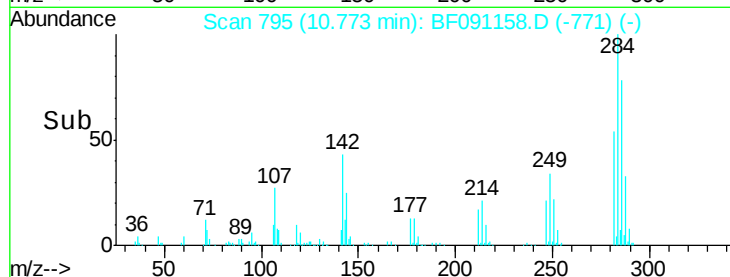
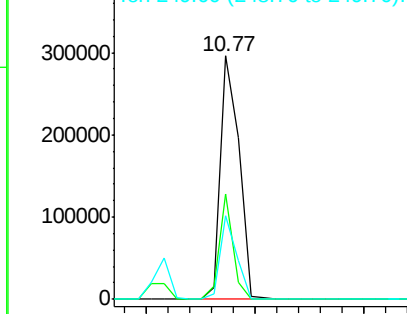
Tot Ion:	284	Resp:	353220
Ion Ratio		Lower	Upper
284	100		
142	43.3	29.9	44.9
249	34.2	26.6	39.8

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



#68

Atrazine

Concen: 56.73 ng

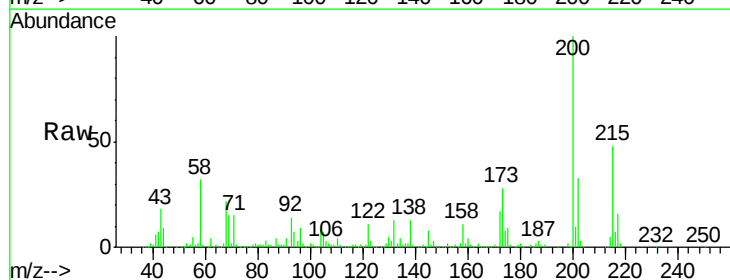
RT: 10.89 min Scan# 805

Delta R.T. -0.01 min

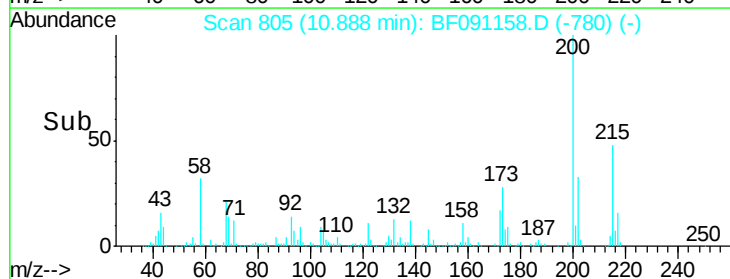
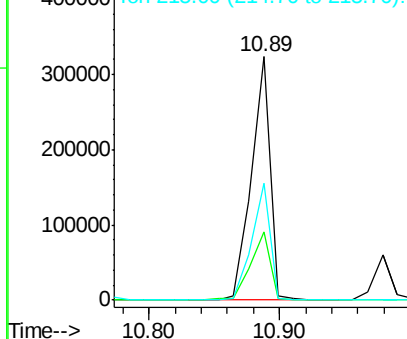
Lab File: BF091158.D

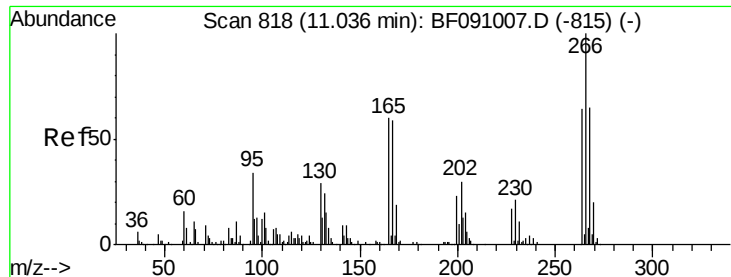
Acq: 11 Nov 2016 23:30

Tgt Ion:	200	Resp:	324514
Ion Ratio		Lower	Upper
200	100		
173	27.8	8.1	48.1
215	47.8	27.3	67.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





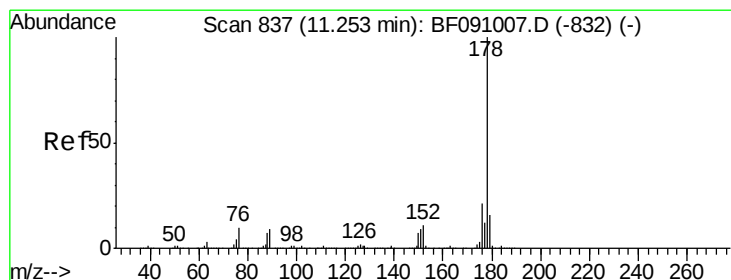
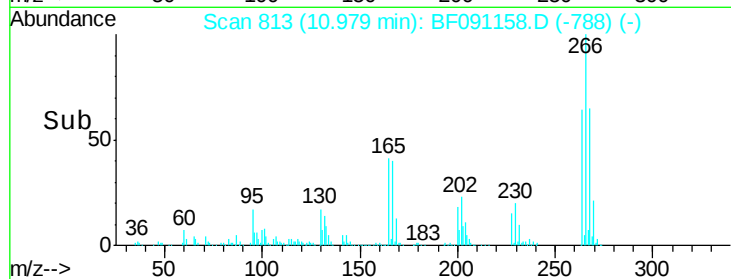
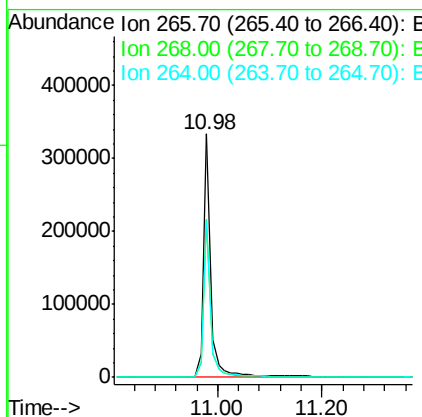
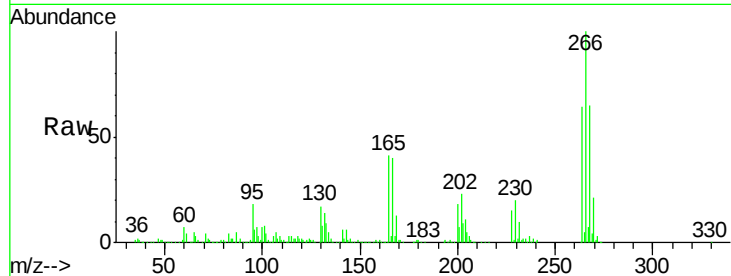
#69
 Pentachlorophenol
 Concen: 106.36 ng
 RT: 10.98 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.9	52.1	78.1
264	64.2	51.1	76.7

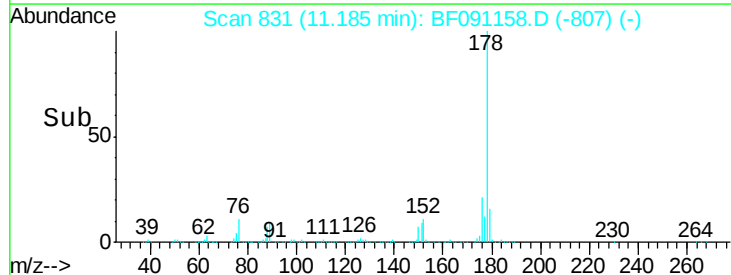
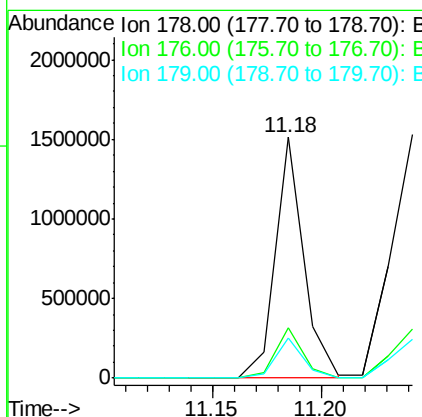
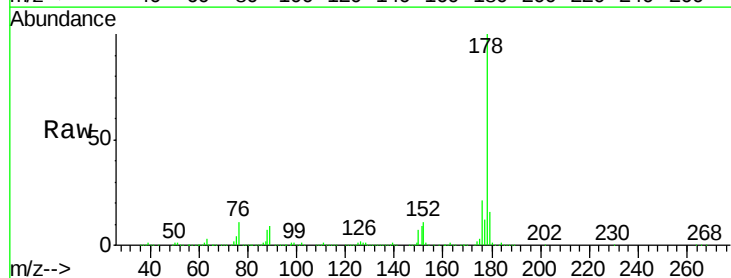
Manual Integrations
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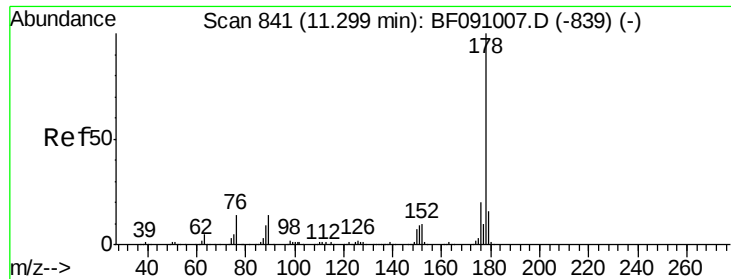
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#70
 Phenanthrene
 Concen: 41.85 ng
 RT: 11.18 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.6	25.0
179	16.4	12.9	19.3





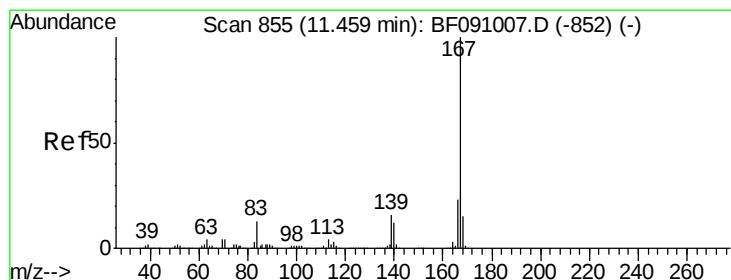
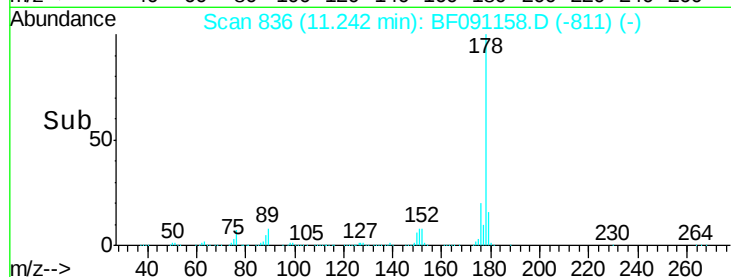
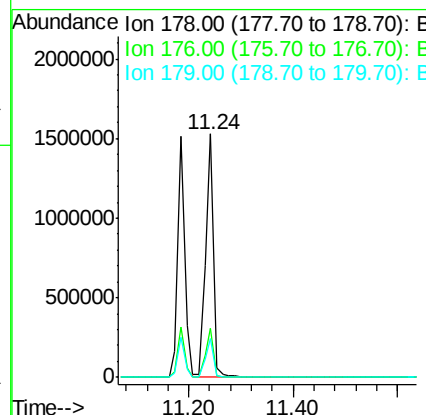
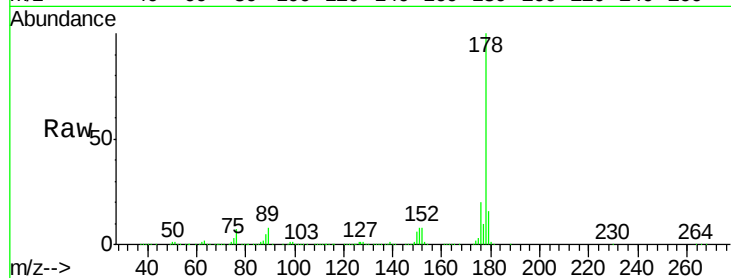
#71
 Anthracene
 Concen: 46.32 ng
 RT: 11.24 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tot Ion:178 Resp: 1633147
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 16.1 13.0 19.6

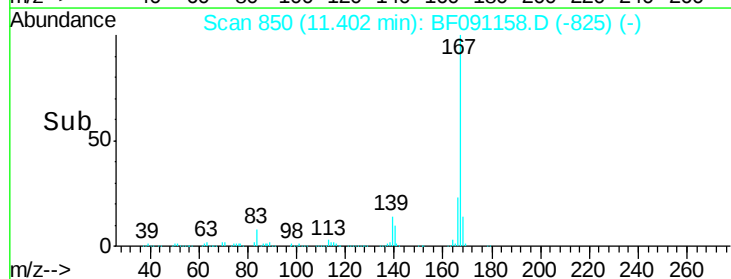
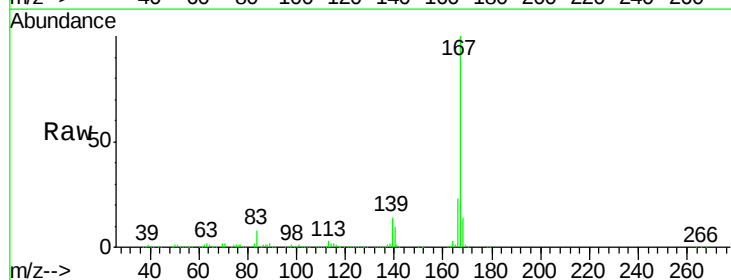
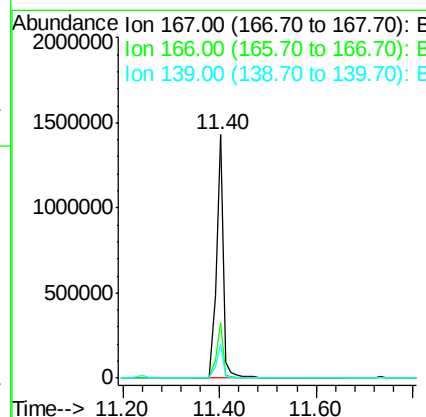
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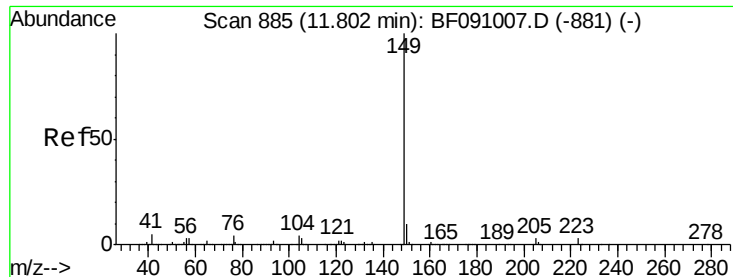
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#72
 Carbazole
 Concen: 45.74 ng
 RT: 11.40 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Tgt Ion:167 Resp: 1453170
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.0 27.0
 139 13.8 12.6 18.8





#73

Di-n-butylphthalate

Concen: 39.58 ng

RT: 11.73 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

Tot Ion:149 Resp: 1581836

Ion Ratio Lower Upper

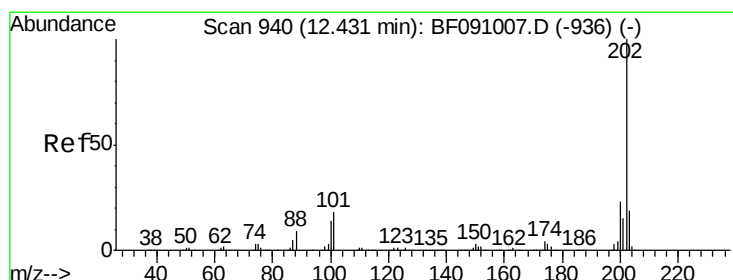
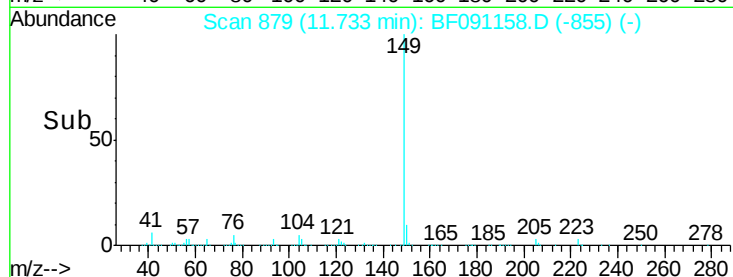
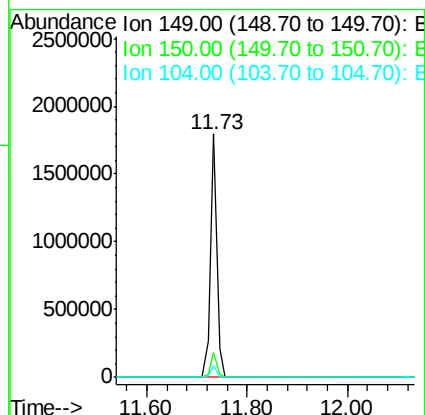
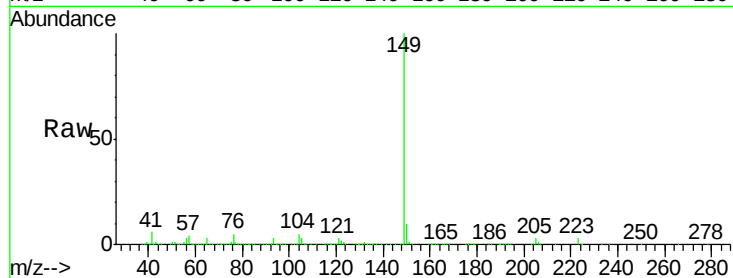
149 100

150 10.1 7.7 11.5

104 5.0 3.6 5.4

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#74

Fluoranthene

Concen: 49.11 ng

RT: 12.37 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

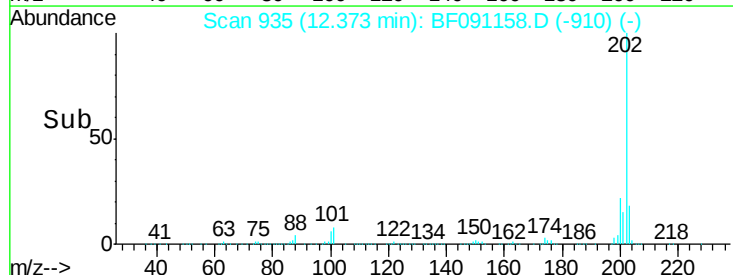
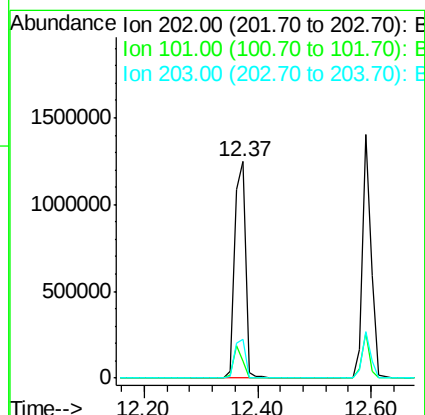
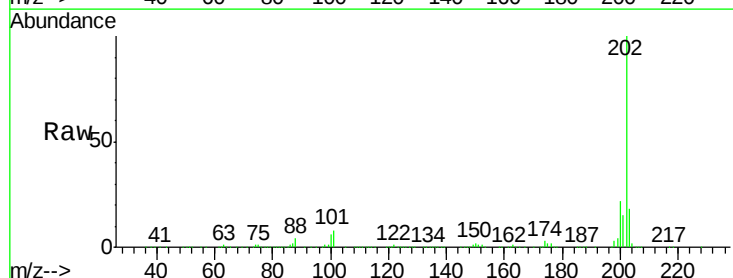
Tgt Ion:202 Resp: 1689021

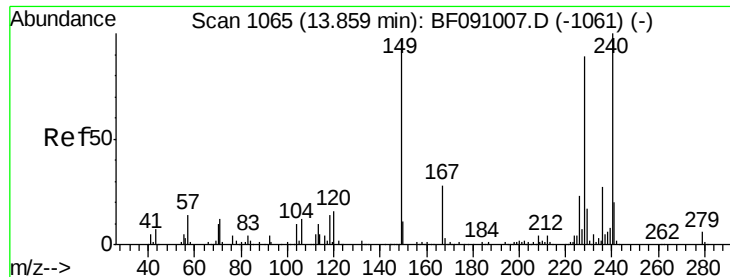
Ion Ratio Lower Upper

202 100

101 8.0 0.0 37.6

203 17.9 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

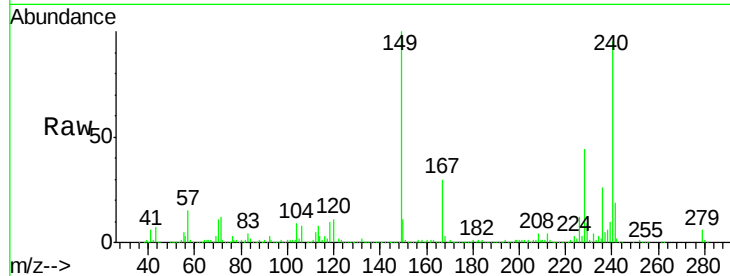
ClientSampleId :

SB-COMPMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	12.9	19.3#
236	27.6	21.9	32.9

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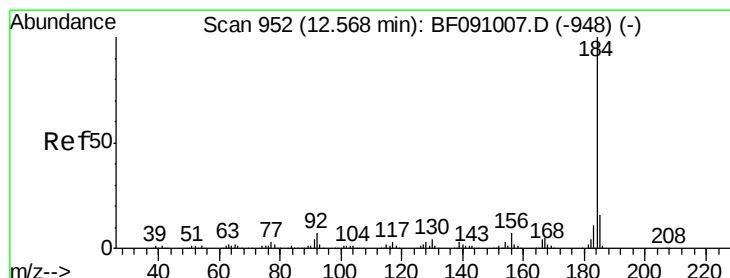
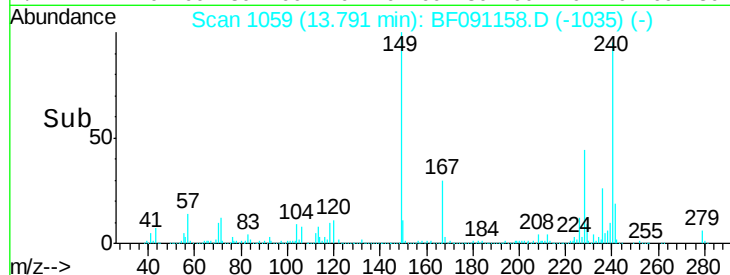
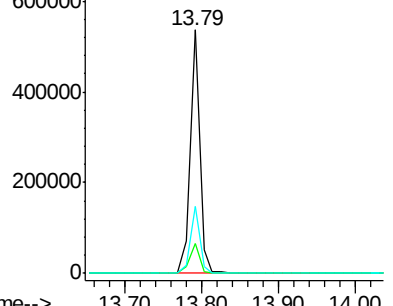
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 56.47 ng

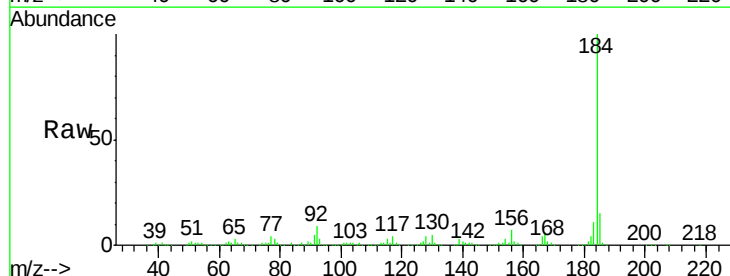
RT: 12.50 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF091158.D

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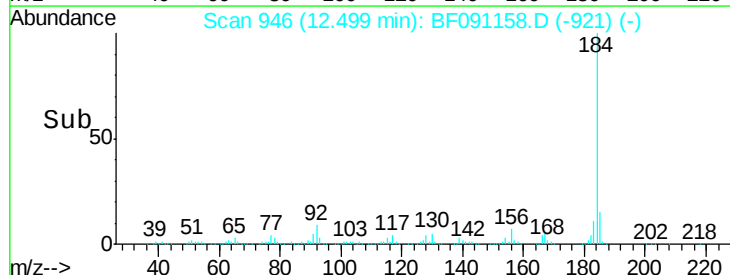
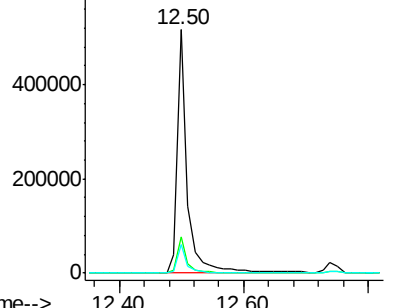
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	13.0	19.4
183	11.5	8.7	13.1

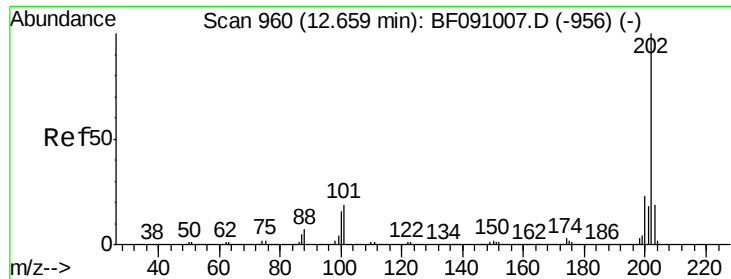


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





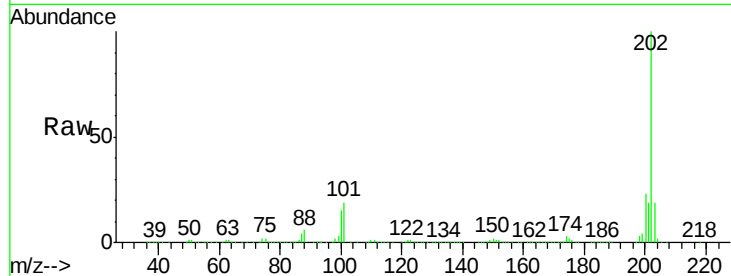
#77
Pvrene
Concen: 49.69 ng
RT: 12.59 min Scan# 954
Delta R.T. -0.02 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

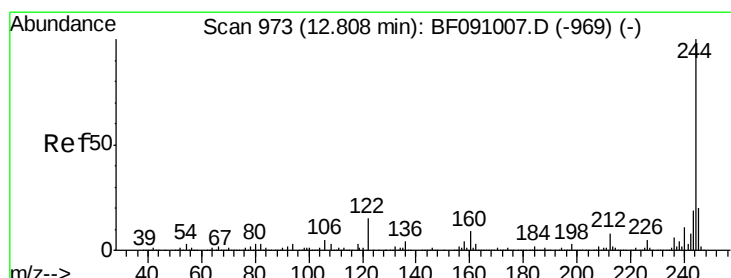
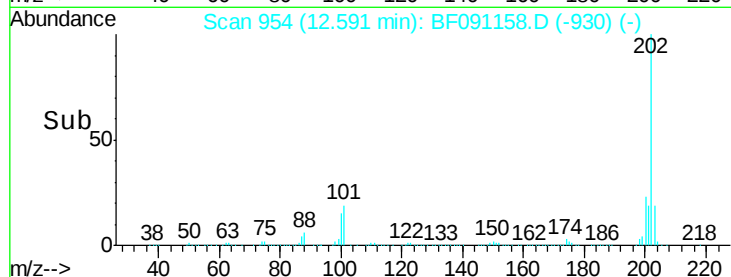
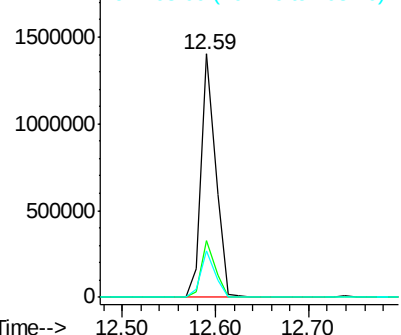
Tot Ion:202 Resp: 1504833
Ion Ratio Lower Upper
202 100
200 23.1 18.4 27.6
203 19.0 15.0 22.6

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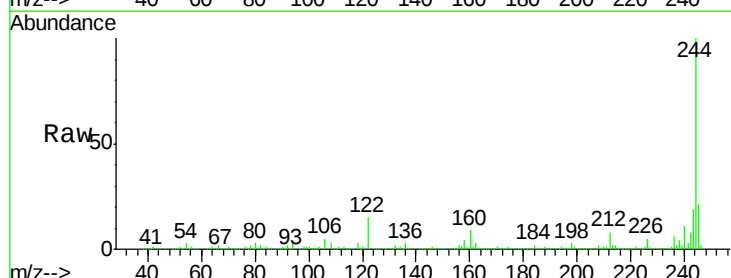


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

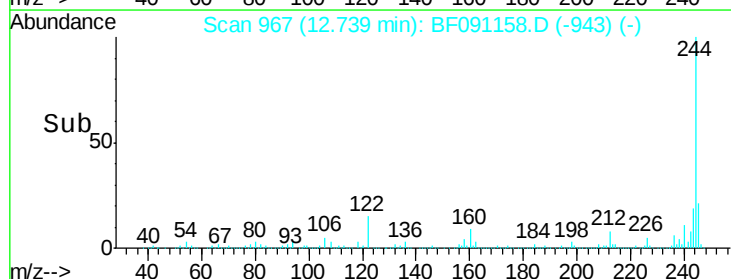
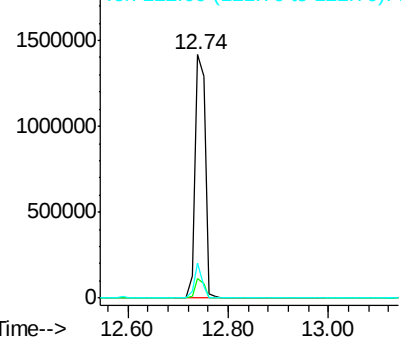


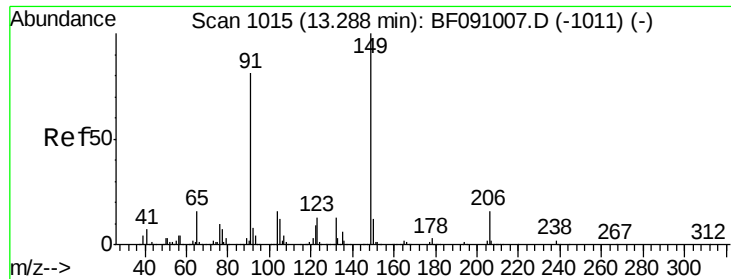
#78
Terphenyl-d14
Concen: 107.20 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tgt Ion:244 Resp: 1986497
Ion Ratio Lower Upper
244 100
212 8.1 6.4 9.6
122 14.6 12.3 18.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





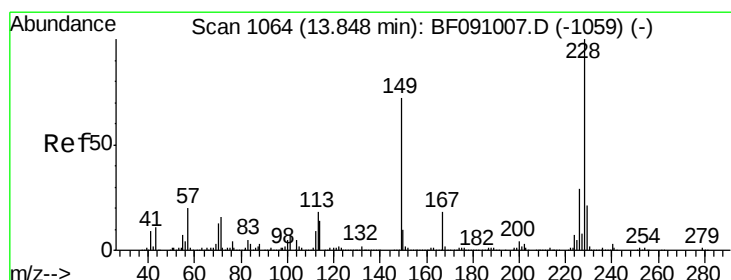
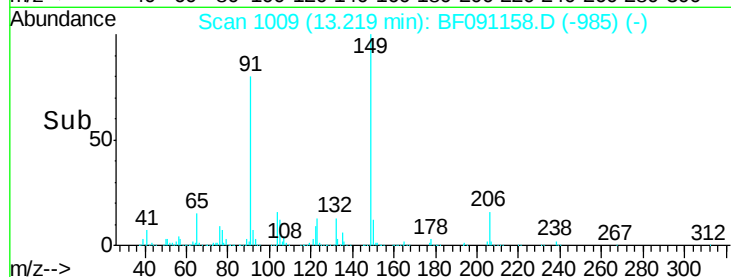
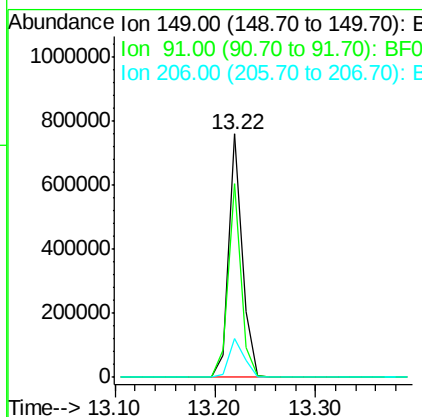
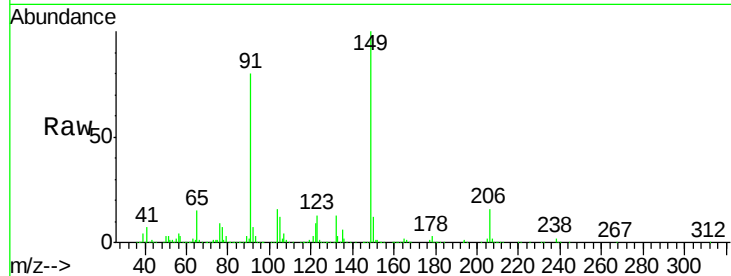
#79
Butylbenzylphthalate
Concen: 49.66 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.8	65.0	97.4
206	16.1	12.5	18.7

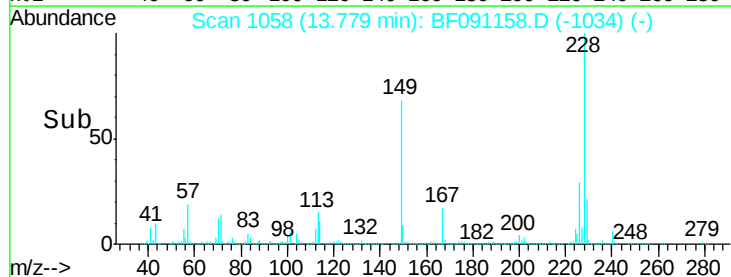
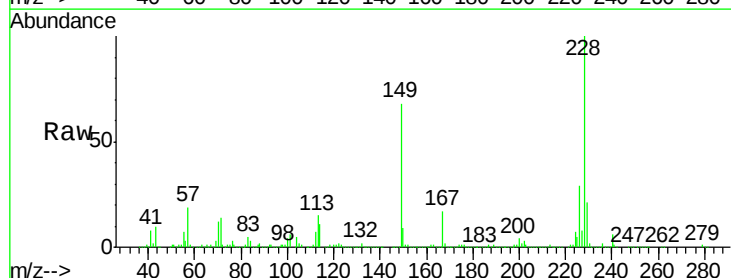
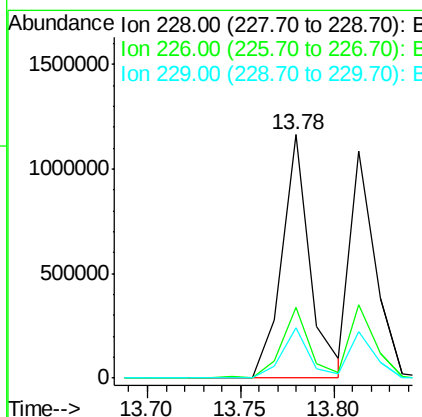
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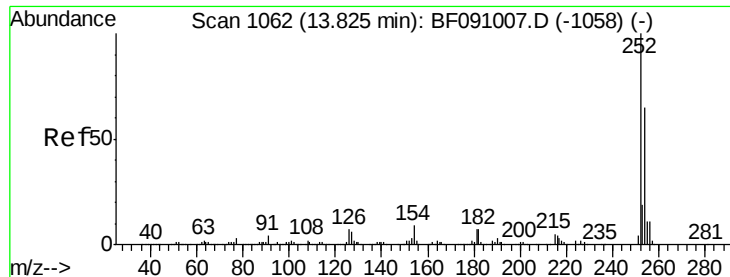
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#80
Benzo(a)anthracene
Concen: 46.74 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.6
229	20.9	16.6	24.8





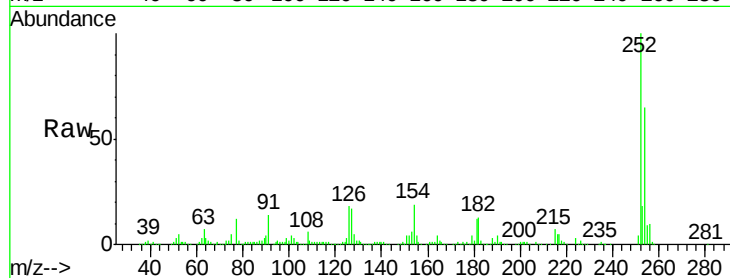
#81
 3,3'-Dichlorobenzidine
 Concen: 34.04 ng
 RT: 13.75 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

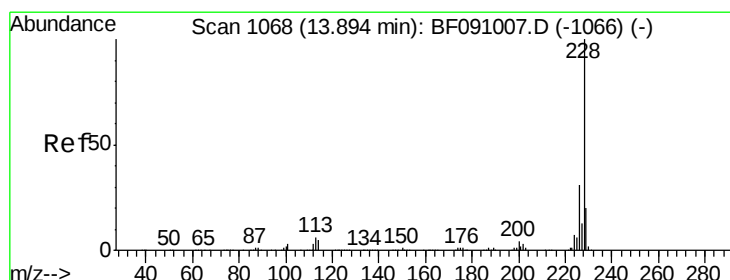
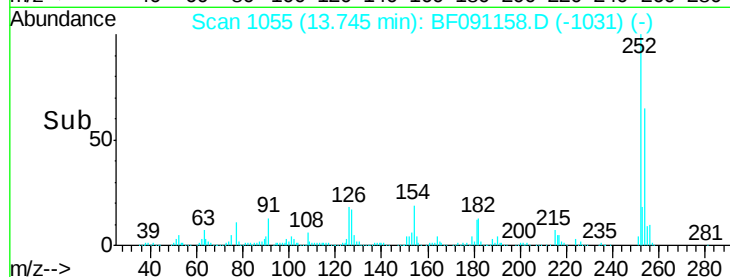
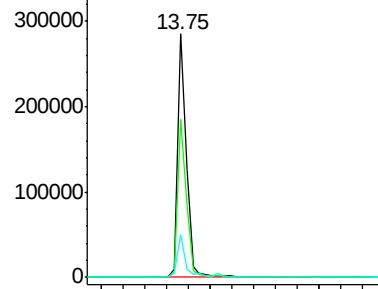
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.0	78.0
126	17.7	5.4	8.2#

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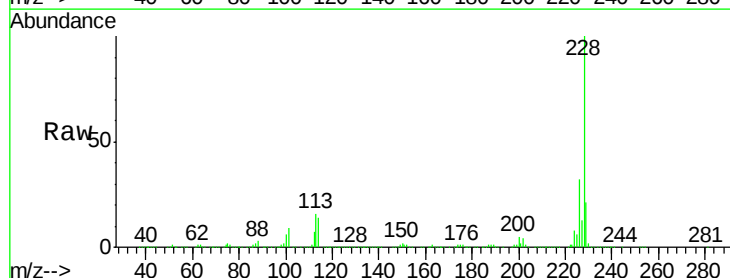


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

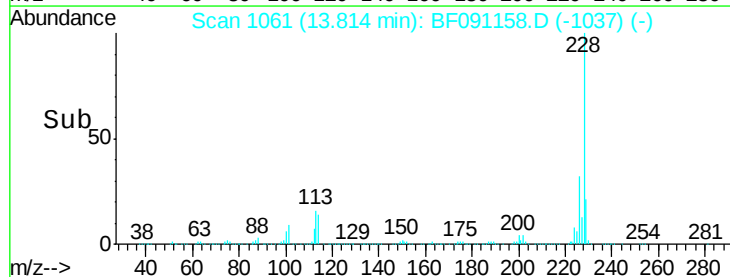
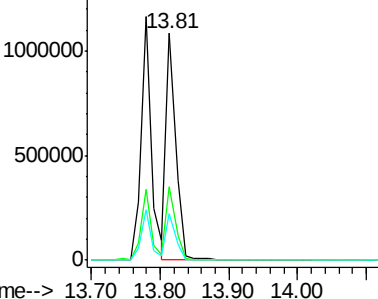


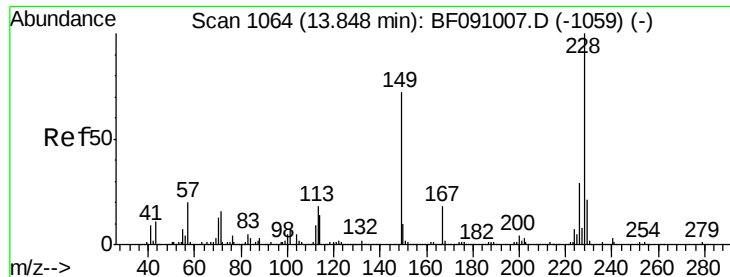
#82
 Chrysene
 Concen: 40.32 ng
 RT: 13.81 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.9	37.3
229	20.5	15.9	23.9



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





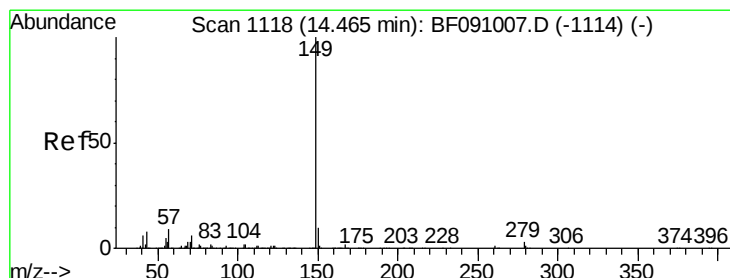
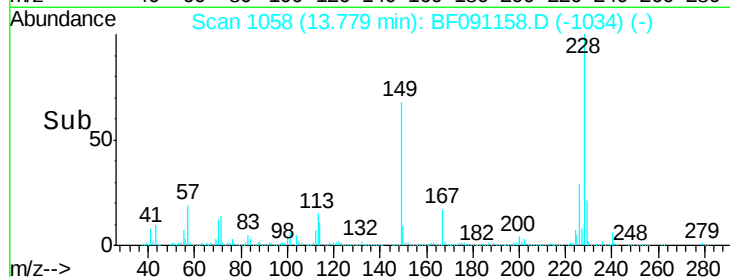
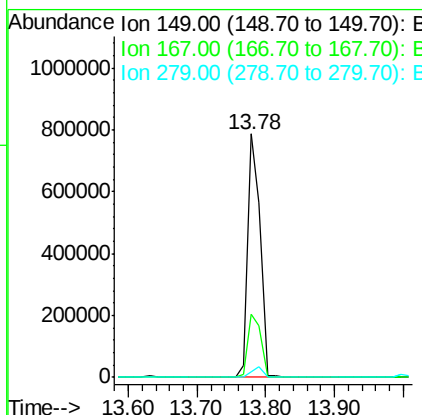
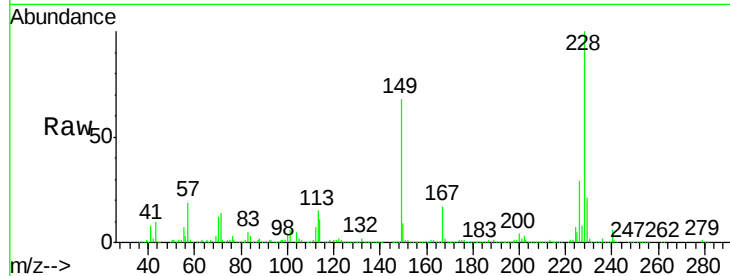
#83
Bis(2-ethylhexyl)phthalate
Concen: 49.22 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Instrument :
BNA_F
ClientSampled :
SB-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	964938		
167	25.7	20.4	30.6	
279	2.2	1.6	2.4	

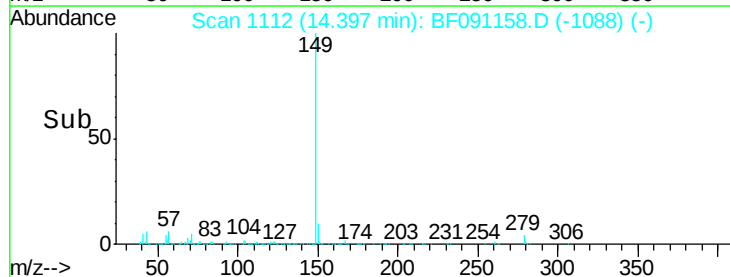
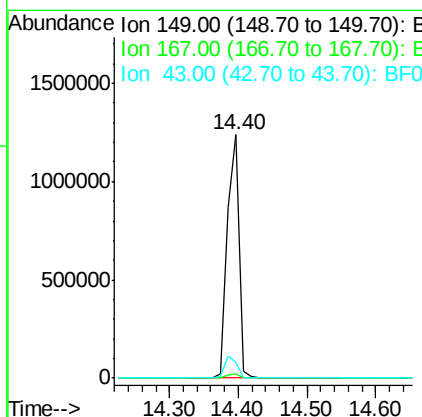
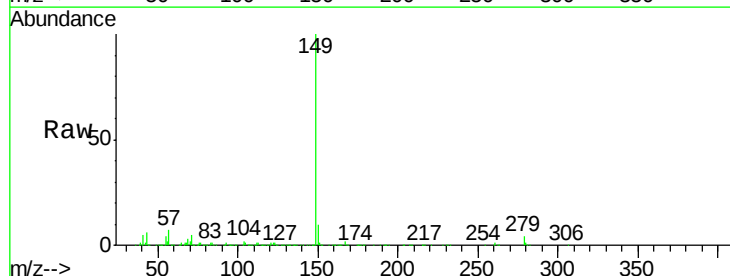
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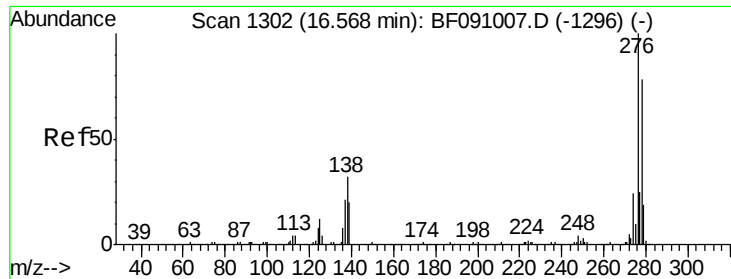
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#84
Di-n-octyl phthalate
Concen: 46.27 ng
RT: 14.40 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1491422		
167	1.7	1.2	1.8	
43	9.2	8.2	12.4	





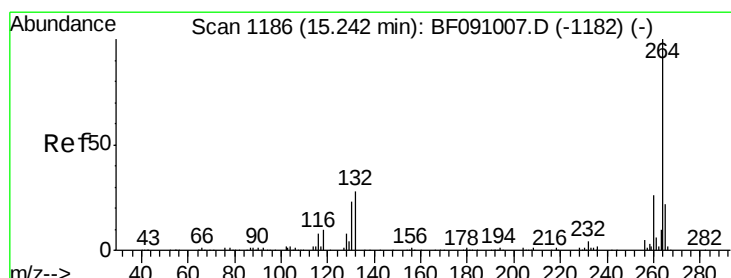
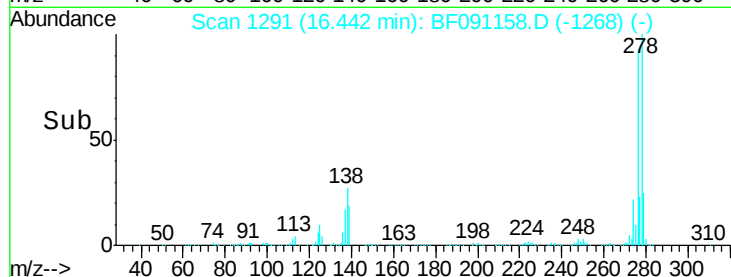
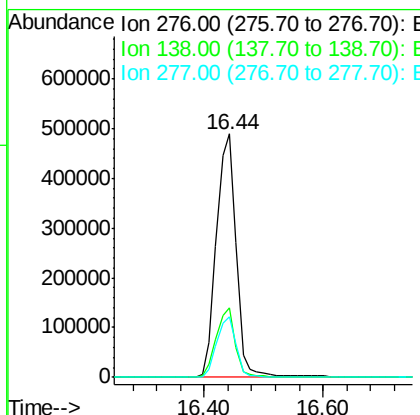
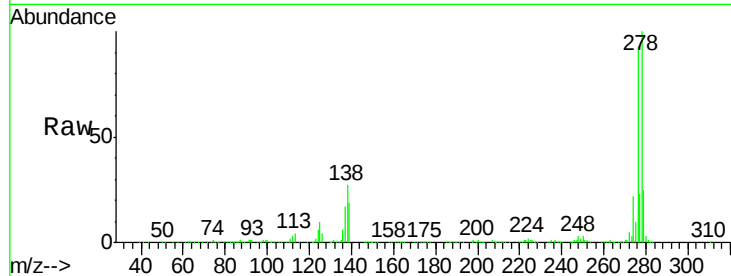
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.91 ng
RT: 16.44 min Scan# 1291
Delta R.T. -0.03 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.7	26.0	39.0
277	24.8	20.1	30.1

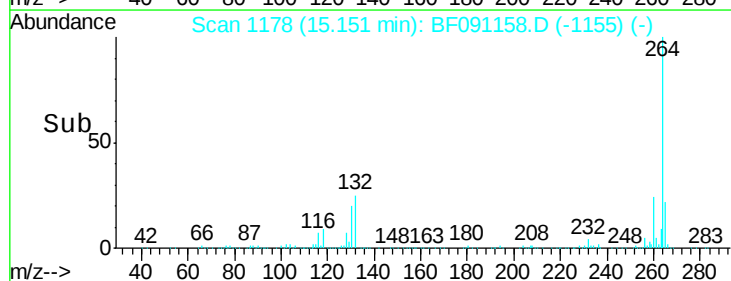
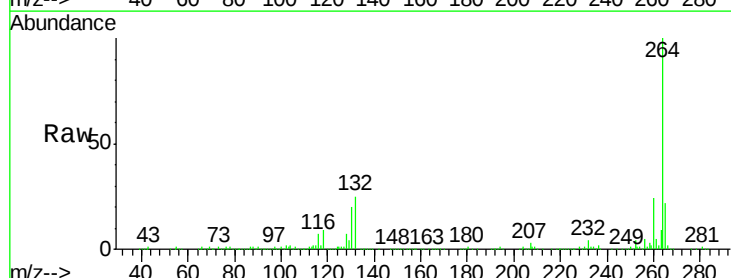
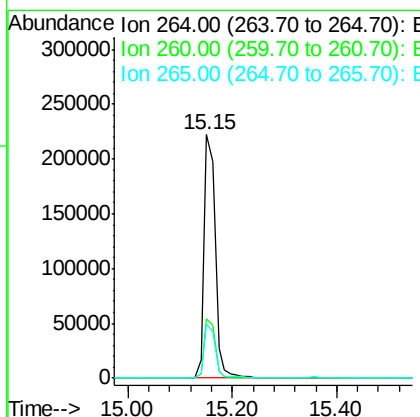
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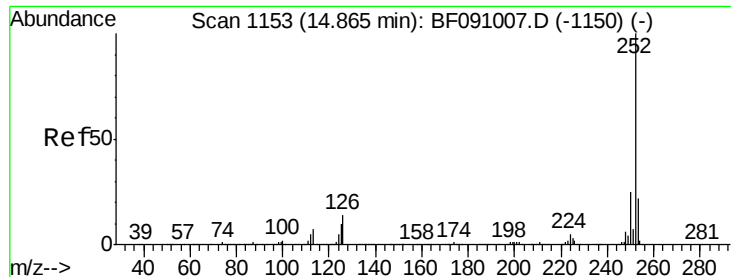
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.6	30.8
265	22.1	17.8	26.8





#87

Benzo(b)fluoranthene

Concen: 46.85 ng m

RT: 14.79 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

Tot Ion:252 Resp: 1063854

Ion Ratio Lower Upper

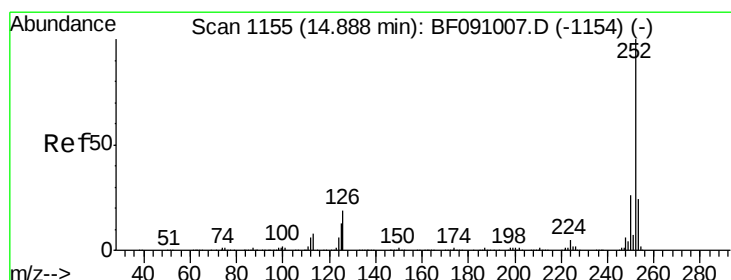
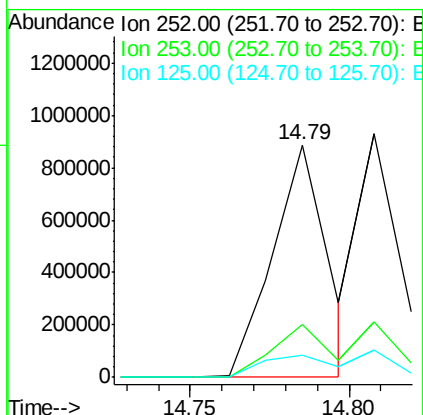
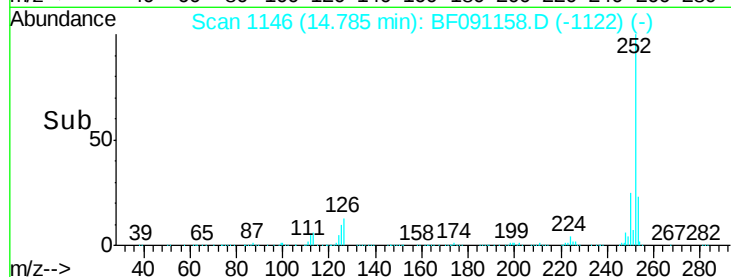
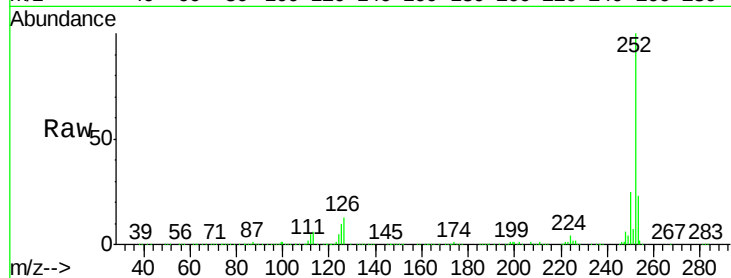
252 100

253 22.6 18.0 27.0

125 9.7 8.3 12.5

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#88

Benzo(k)fluoranthene

Concen: 43.18 ng m

RT: 14.81 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

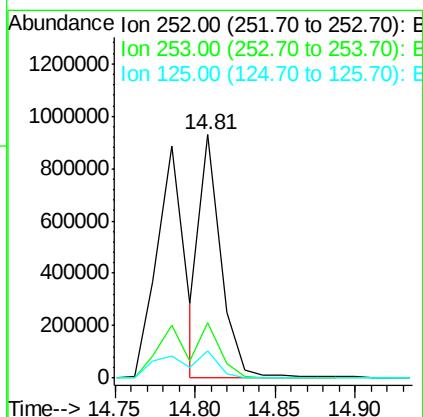
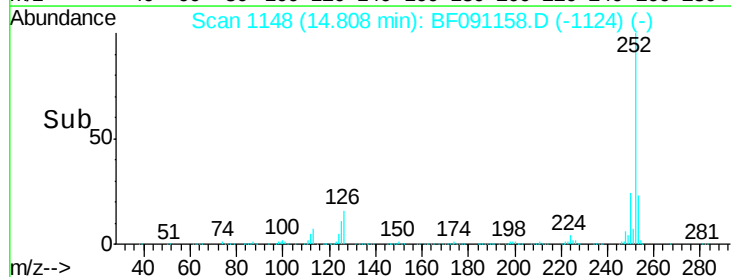
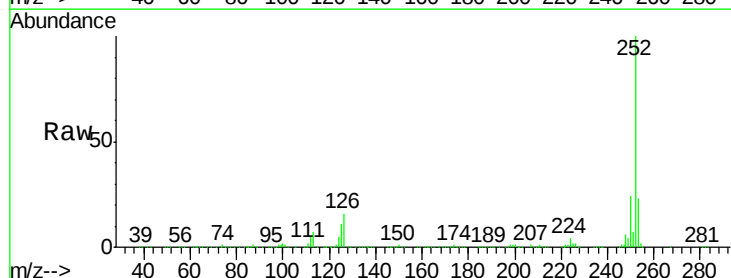
Tgt Ion:252 Resp: 860123

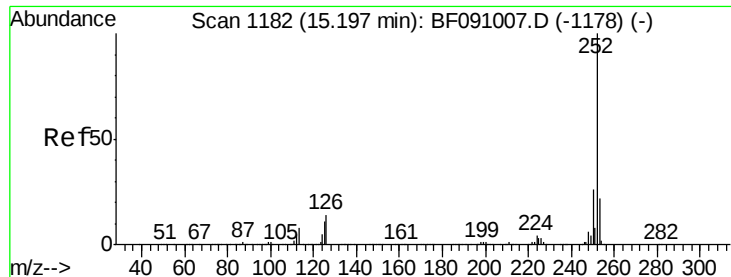
Ion Ratio Lower Upper

252 100

253 22.6 18.6 28.0

125 11.3 11.2 16.8





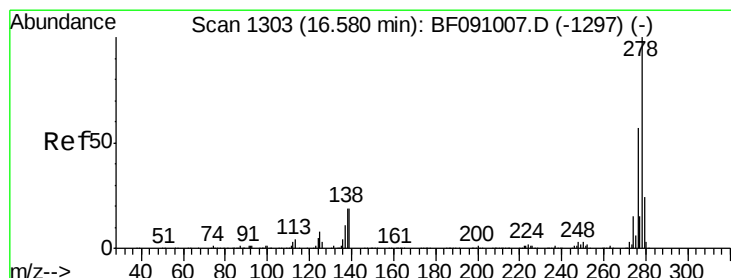
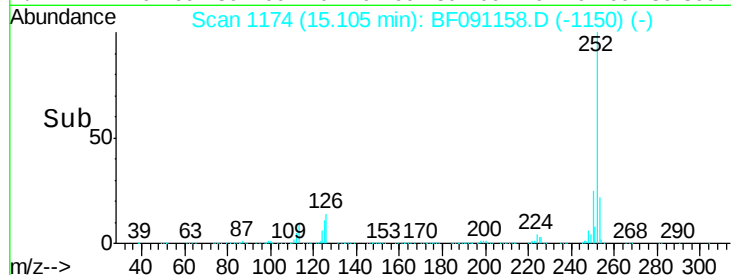
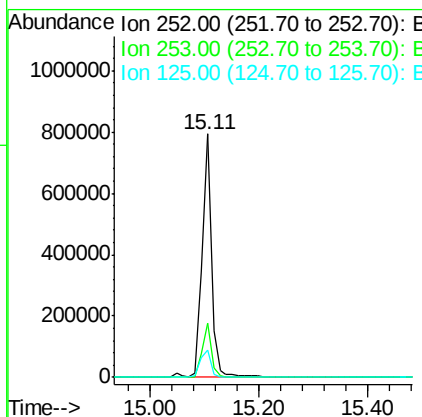
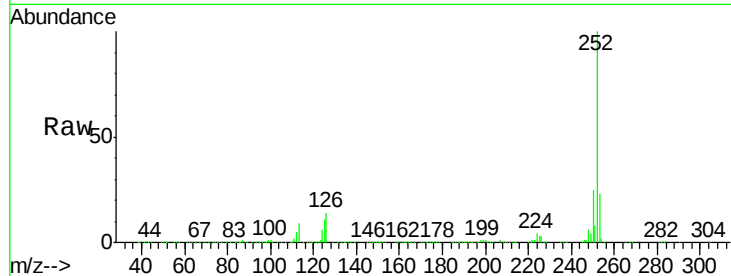
#89
Benzo(a)pyrene
Concen: 47.25 ng
RT: 15.11 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.1	8.6	13.0

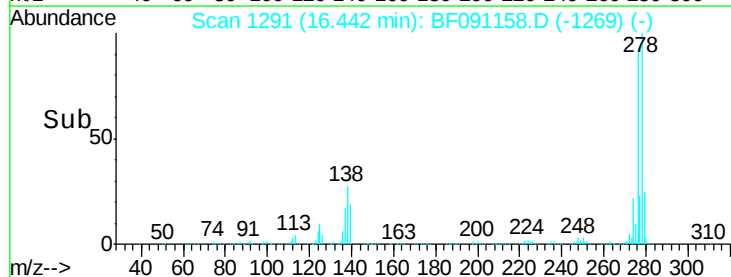
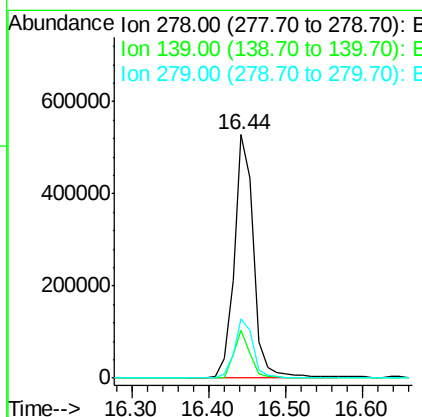
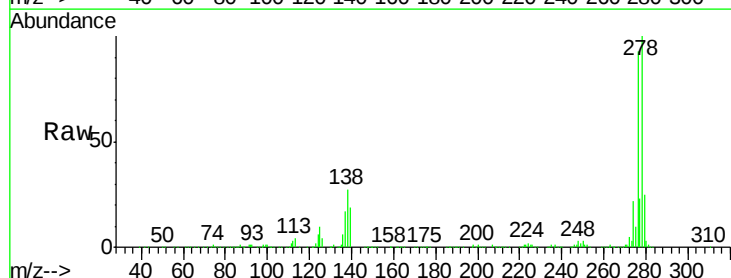
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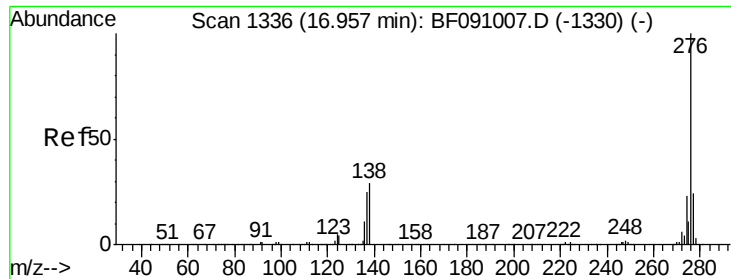
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#90
Dibenzo(a,h)anthracene
Concen: 55.04 ng
RT: 16.44 min Scan# 1291
Delta R.T. -0.05 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.3	22.9
279	24.6	19.3	28.9





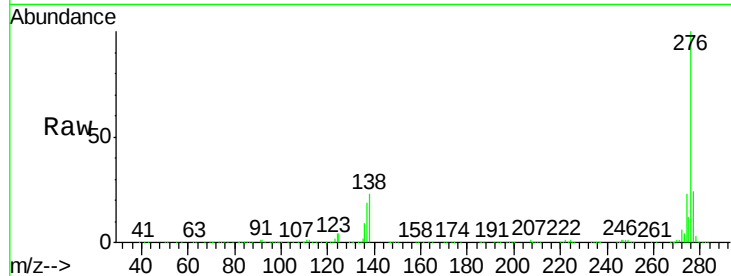
#91
 Benzo(a,h,i)perylene
 Concen: 60.70 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. -0.03 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
938105	276	100			
	277	23.7		19.2	28.8
	138	22.9		23.3	34.9

Manual Integrations
 APPROVED

sohil
 11/14/2016 6:36:41 PM



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

