

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091271.D
 Acq On : 23 Nov 2016 11:18
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
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 11/28/2016 4:52:12 PM

Quant Time: Nov 25 04:25:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 11:54:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	223996	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	929127	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	517243	20.00	ng	0.01
63) Phenanthrene-d10	11.40	188	849267	20.00	ng	0.00
75) Chrysene-d12	14.04	240	624128	20.00	ng	0.00
86) Perylene-d12	15.47	264	503785	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1310894	97.30	ng	0.00
7) Phenol-d6	6.51	99	1688046	104.78	ng	0.01
23) Nitrobenzene-d5	7.45	82	1516620	90.01	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	512623	106.16	ng	0.01
44) 2-Fluorobiphenyl	9.25	172	2824325	95.36	ng	0.01
78) Terphenyl-d14	12.99	244	2408173	87.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	314492	51.36	ng	# 86
3) Pyridine	3.22	79	884184	55.22	ng	# 84
4) n-Nitrosodimethylamine	3.18	42	481395	55.71	ng	96
6) Aniline	6.54	93	1132789	58.53	ng	# 71
8) 2-Chlorophenol	6.67	128	721587	49.99	ng	95
9) Benzaldehyde	6.42	77	407144	50.33	ng	89
10) Phenol	6.52	94	987501	52.39	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	689699	46.96	ng	94
12) 1,3-Dichlorobenzene	6.82	146	776786m	49.50	ng	
13) 1,4-Dichlorobenzene	6.90	146	853658	52.06	ng	99
14) 1,2-Dichlorobenzene	7.06	146	743428m	51.05	ng	
15) Benzyl Alcohol	7.02	79	710249	56.12	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1487907	52.94	ng	72
17) 2-Methylphenol	7.13	107	606053	41.76	ng	# 75
18) Hexachloroethane	7.40	117	301403	49.67	ng	91
19) n-Nitroso-di-n-propylamine	7.31	70	564380	47.93	ng	# 84
20) 3+4-Methylphenols	7.29	107	654216	45.07	ng	# 77
22) Acetophenone	7.30	105	1014442	45.80	ng	# 95
24) Nitrobenzene	7.47	77	887464	47.31	ng	# 80
25) Isophorone	7.71	82	1444686	45.45	ng	99
26) 2-Nitrophenol	7.78	139	340120	42.44	ng	97
27) 2,4-Dimethylphenol	7.82	122	700084	55.44	ng	92
28) bis(2-Chloroethoxy)methane	7.92	93	786401	45.27	ng	99
29) 2,4-Dichlorophenol	8.02	162	577673	45.98	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	708222	50.46	ng	98
31) Naphthalene	8.19	128	2119276	48.82	ng	99
32) Benzoic acid	7.96	122	592515	64.54	ng	91
33) 4-Chloroaniline	8.24	127	900553	51.26	ng	97
34) Hexachlorobutadiene	8.32	225	414261	49.78	ng	98
35) Caprolactam	8.62	113	198125	56.00	ng	# 87
36) 4-Chloro-3-methylphenol	8.72	107	650406	47.24	ng	96
37) 2-Methylnaphthalene	8.88	142	1335896	45.89	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	674476	46.24	ng	99
40) Hexachlorocyclopentadiene	9.04	237	306192	67.89	ng	99

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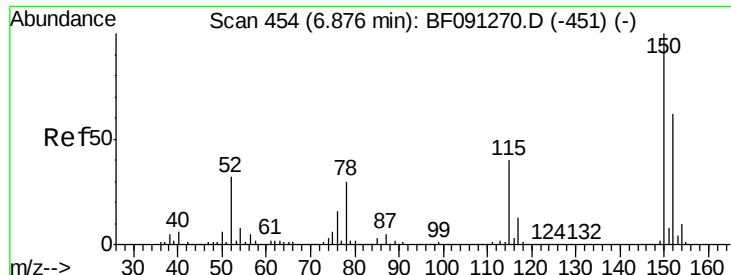
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	455640	51.33	ng	98
43) 2,4,5-Trichlorophenol	9.20	196	459525	49.42	ng	97
45) 1,1'-Biphenyl	9.34	154	1593885	40.40	ng	97
46) 2-Chloronaphthalene	9.37	162	1195838	40.75	ng	98
47) 2-Nitroaniline	9.46	65	449585	41.28	ng	# 76
48) Acenaphthylene	9.79	152	2092964	47.38	ng	99
49) Dimethylphthalate	9.65	163	1532384	44.41	ng	97
50) 2,6-Dinitrotoluene	9.71	165	382095	51.65	ng	# 71
51) Acenaphthene	9.96	154	1460415	53.33	ng	96
52) 3-Nitroaniline	9.87	138	357524	45.33	ng	89
53) 2,4-Dinitrophenol	9.97	184	141636	34.95	ng	90
54) Dibenzofuran	10.13	168	1897736	49.75	ng	90
55) 4-Nitrophenol	10.02	139	262115	68.71	ng	95
56) 2,4-Dinitrotoluene	10.11	165	496279	53.28	ng	98
57) Fluorene	10.46	166	1396839	45.24	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.25	232	389110	49.70	ng	94
59) Diethylphthalate	10.35	149	1518895	45.40	ng	95
60) 4-Chlorophenyl-phenylether	10.46	204	663508	45.77	ng	# 91
61) 4-Nitroaniline	10.49	138	336571	41.42	ng	90
62) Azobenzene	10.62	77	1639413	41.21	ng	91
64) 4,6-Dinitro-2-methylphenol	10.51	198	194829	35.94	ng	90
65) n-Nitrosodiphenylamine	10.58	169	1168373	45.66	ng	100
66) 4-Bromophenyl-phenylether	10.96	248	476659	53.70	ng	# 82
67) Hexachlorobenzene	11.01	284	470165	48.54	ng	# 79
68) Atrazine	11.11	200	244669	29.11	ng	99
69) Pentachlorophenol	11.21	266	313769	81.81	ng	96
70) Phenanthrene	11.43	178	1965120	44.02	ng	100
71) Anthracene	11.48	178	2191749	49.27	ng	100
72) Carbazole	11.63	167	1765473	43.32	ng	99
73) Di-n-butylphthalate	11.97	149	2291312	47.25	ng	99
74) Fluoranthene	12.61	202	2114243	43.49	ng	98
76) Benzidine	12.73	184	579958	41.37	ng	99
77) Pyrene	12.84	202	2154786	45.01	ng	98
79) Butylbenzylphthalate	13.47	149	935595	46.55	ng	# 86
80) Benzo(a)anthracene	14.03	228	1603212	42.40	ng	100
81) 3,3'-Dichlorobenzidine	14.00	252	596451	45.51	ng	# 98
82) Chrysene	14.07	228	1554413	39.99	ng	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	1122738	44.08	ng	# 95
84) Di-n-octyl phthalate	14.64	149	1781618	39.94	ng	100
85) Indeno(1,2,3-cd)pyrene	16.89	276	1451970	46.97	ng	96
87) Benzo(h)fluoranthene	15.06	252	1390523	45.93	ng	98
88) Benzo(k)fluoranthene	15.09	252	1417577m	46.35	ng	
89) Benzo(a)pyrene	15.41	252	1289575	46.44	ng	98
90) Dibenzo(a,h)anthracene	16.91	278	1272408	55.61	ng	# 95
91) Benzo(g,h,i)perylene	17.32	276	1251979	53.54	ng	99

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



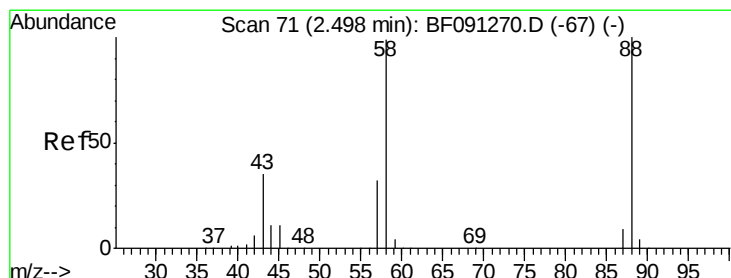
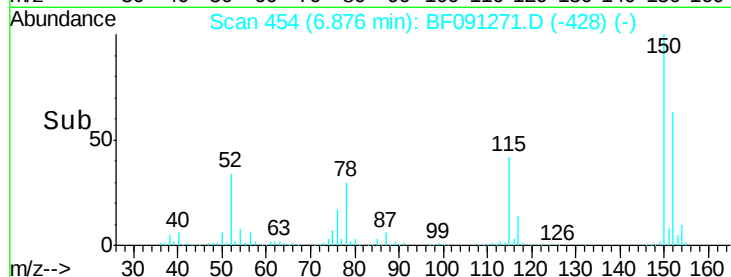
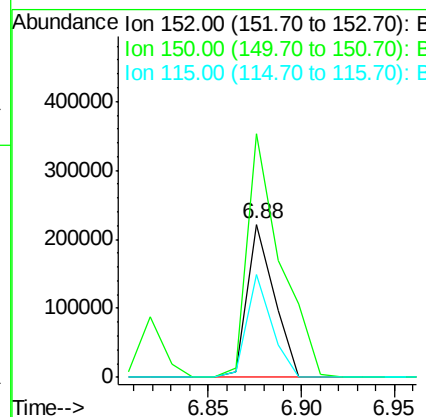
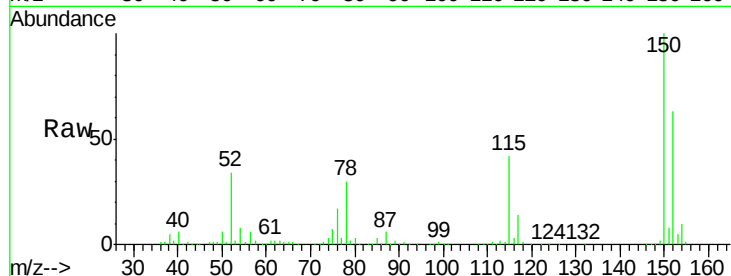
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.4	122.5	183.7
115	67.6	51.8	77.8

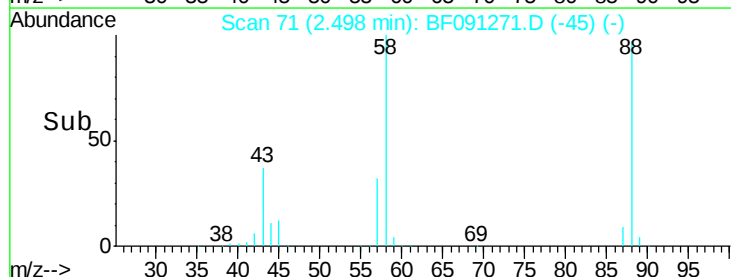
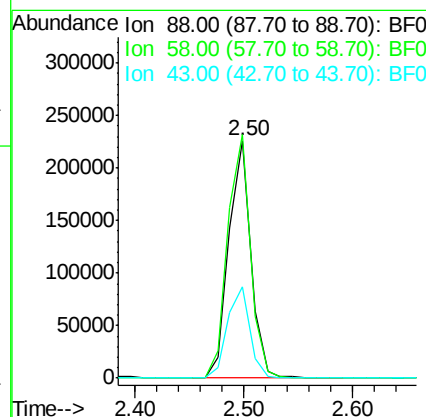
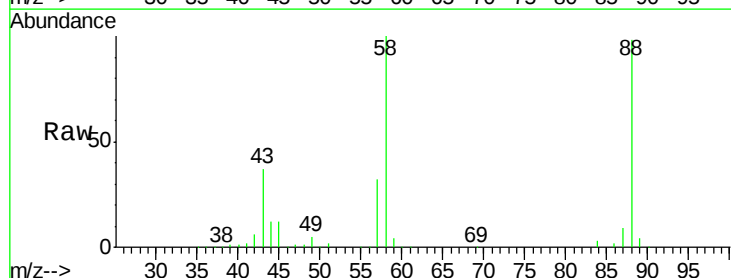
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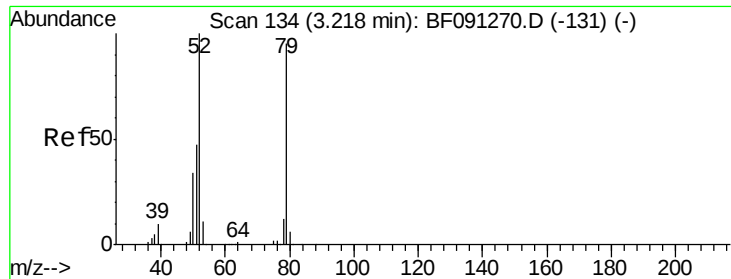
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#2
 1,4-Dioxane
 Concen: 51.36 ng
 RT: 2.50 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	106.3	70.3	105.5#
43	39.7	31.3	46.9





#3

Pyridine

Concen: 55.22 ng

RT: 3.22 min Scan# 134

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

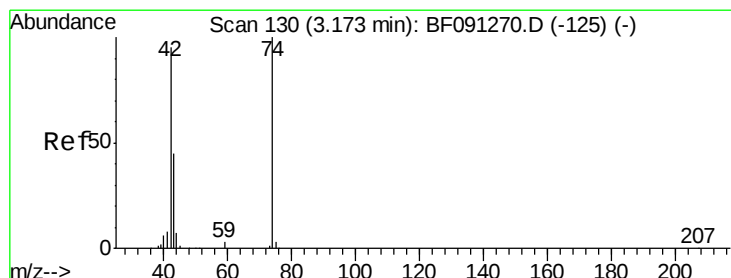
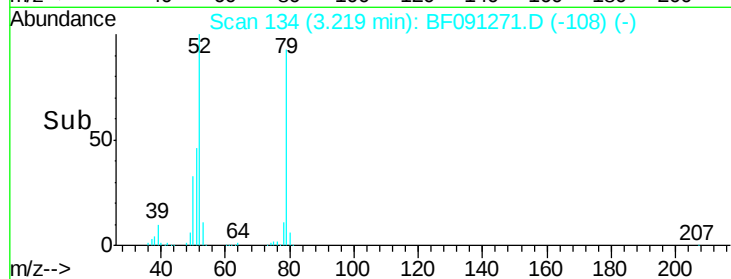
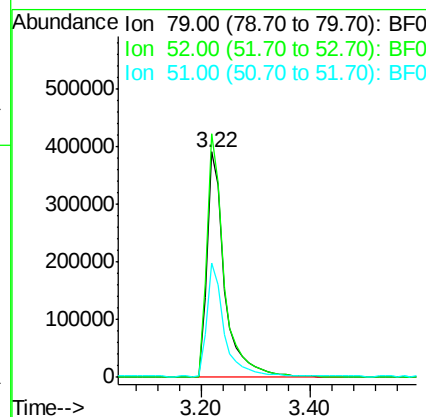
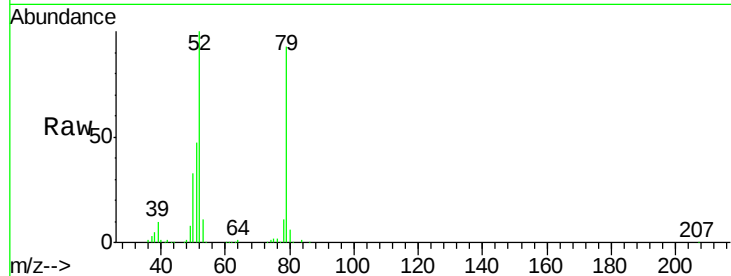
ClientSampleId :

SSTDIC050

Tgt Ion	Ratio	Lower	Upper
79	100		
52	108.0	71.0	106.4#
51	50.6	37.0	55.4

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#4

n-Nitrosodimethylamine

Concen: 55.71 ng

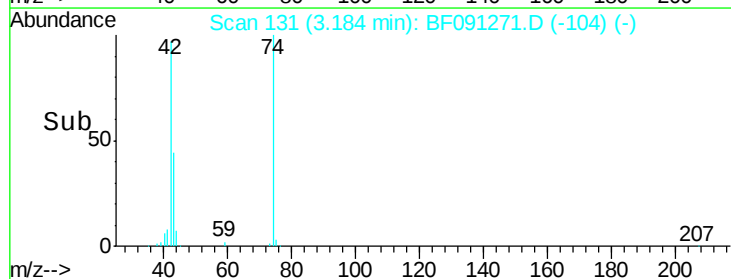
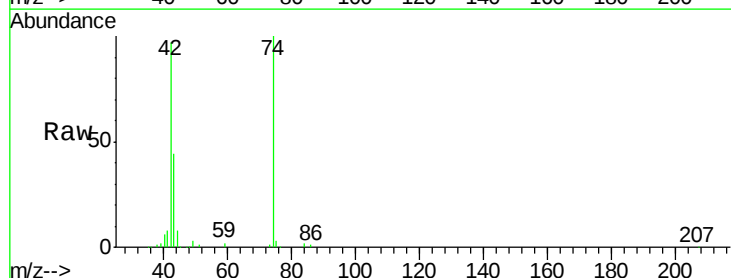
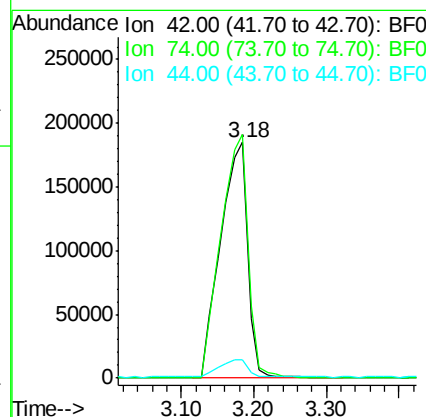
RT: 3.18 min Scan# 131

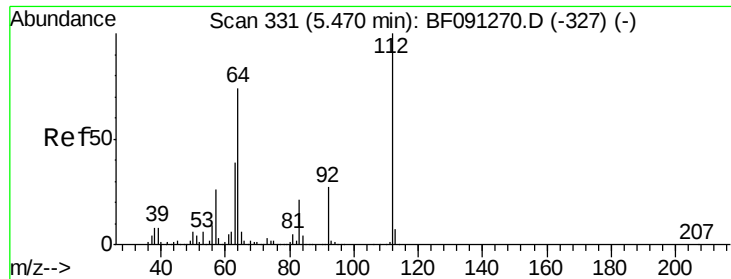
Delta R.T. 0.01 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	103.2	78.9	118.3
44	8.0	5.8	8.6





#5

2-Fluorophenol

Concen: 97.30 ng

RT: 5.47 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

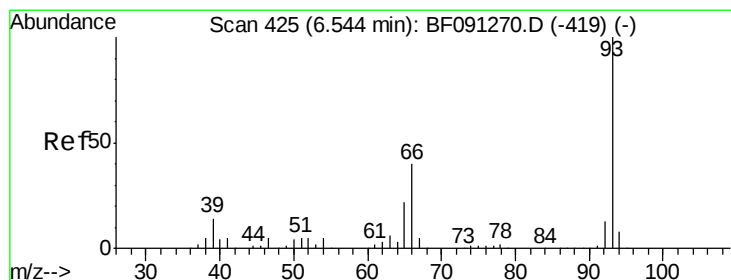
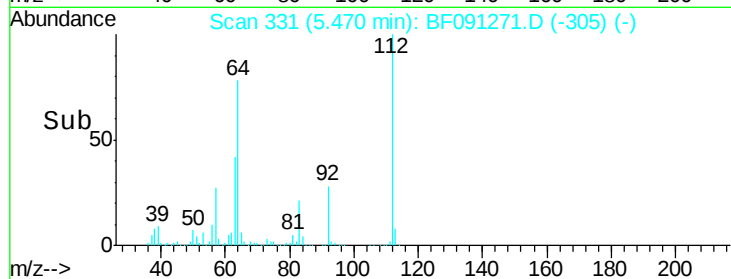
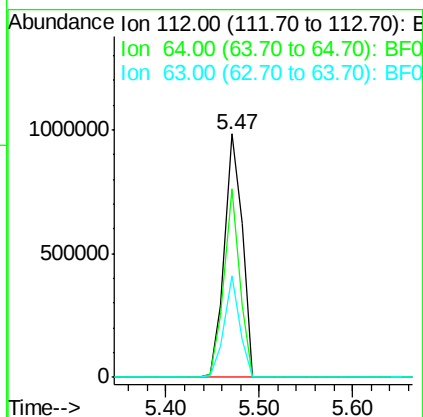
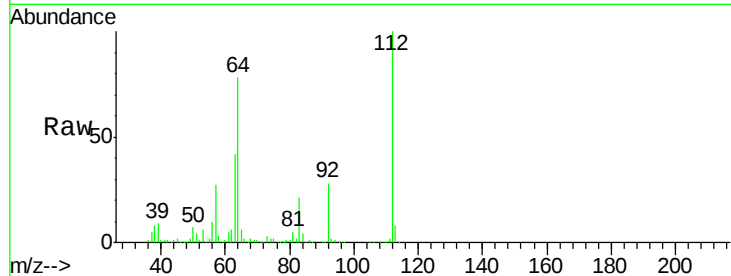
ClientSampleId :

SSTDICC050

Tgt Ion:	112	Resp:	1310894
Ion	Ratio	Lower	Upper
112	100		
64	77.5	61.5	92.3
63	41.5	33.3	49.9

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#6

Aniline

Concen: 58.53 ng

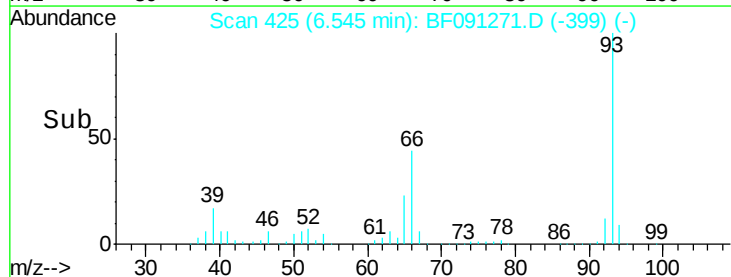
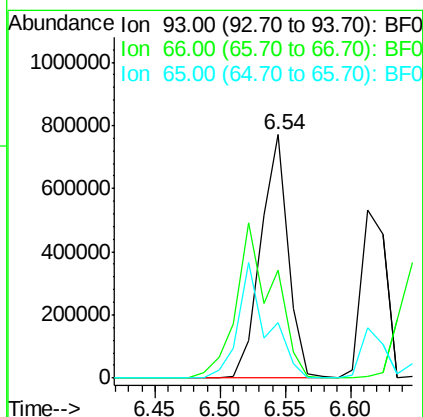
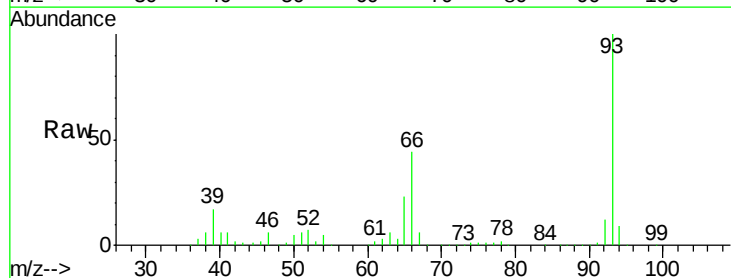
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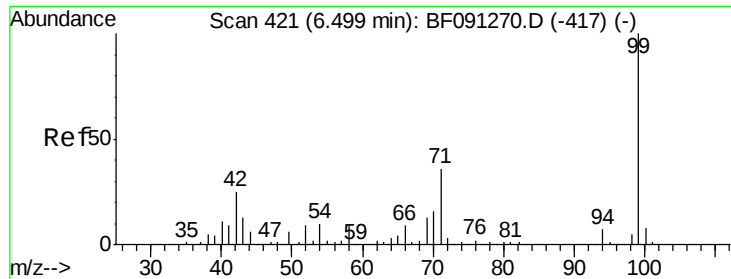
Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Tgt Ion:	93	Resp:	1132789
Ion	Ratio	Lower	Upper
93	100		
66	44.2	55.8	83.6#
65	22.9	29.9	44.9#





#7

Phenol-d6

Concen: 104.78 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 99 Resp: 1688046

Ion Ratio Lower Upper

99 100

42 23.7 20.6 31.0

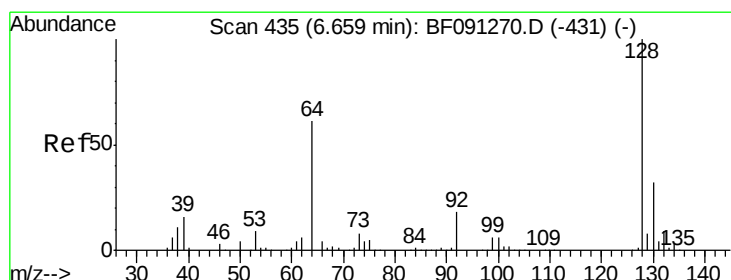
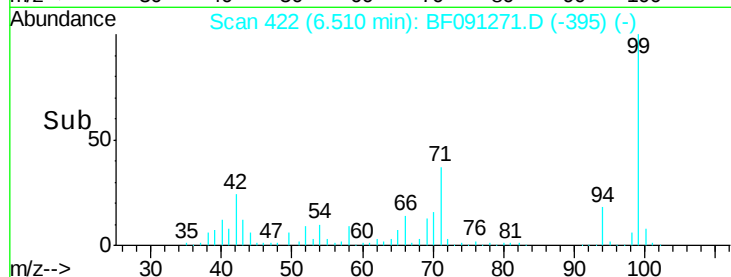
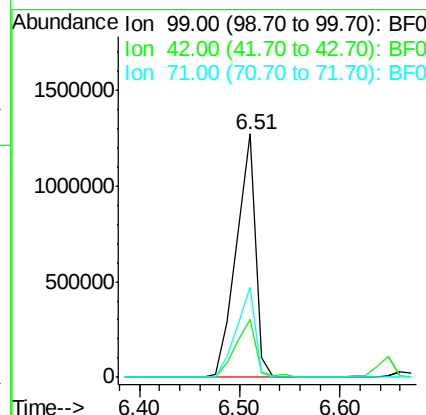
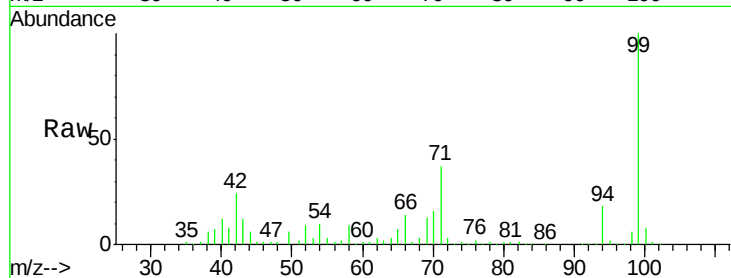
71 36.9 29.9 44.9

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#8

2-Chlorophenol

Concen: 49.99 ng

RT: 6.67 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

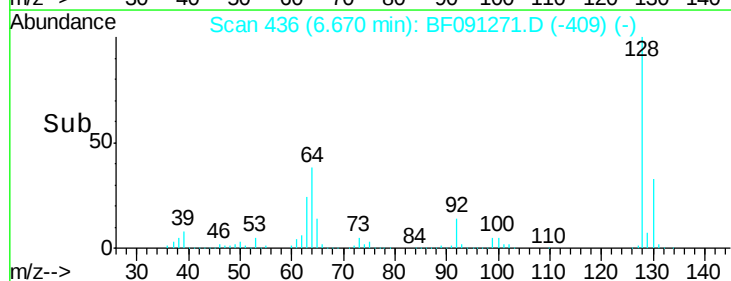
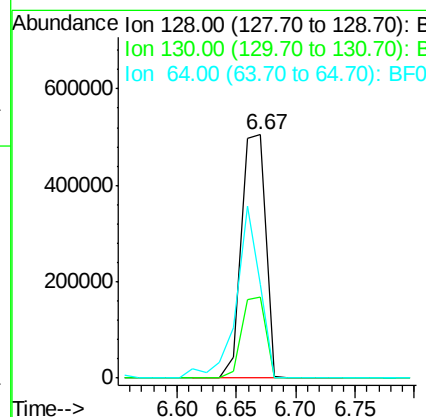
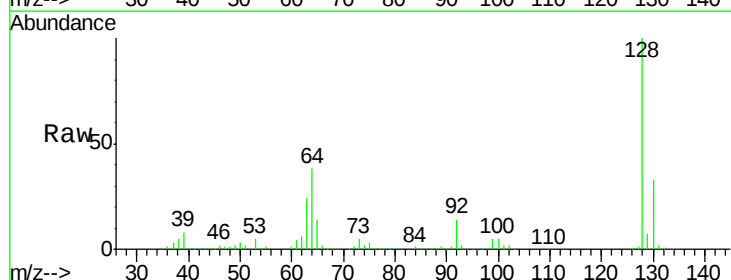
Tgt Ion: 128 Resp: 721587

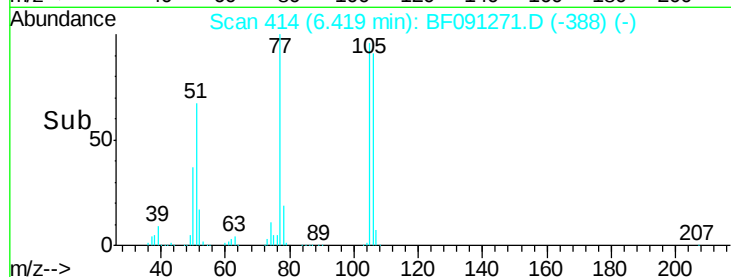
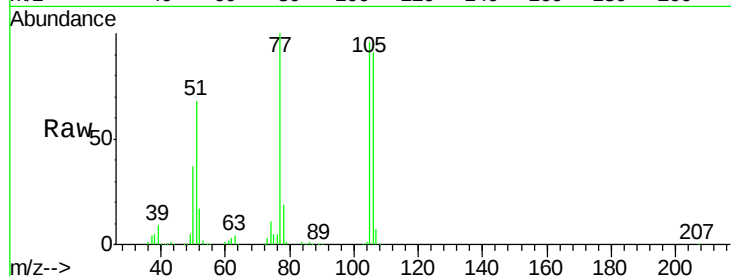
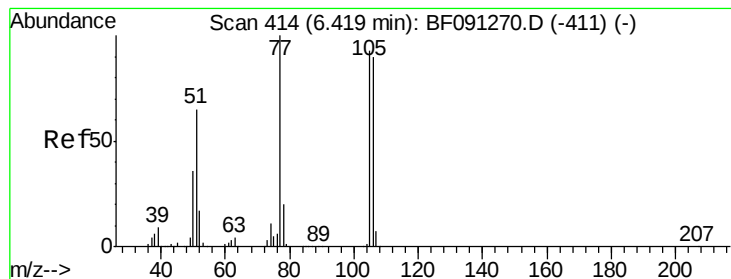
Ion Ratio Lower Upper

128 100

130 33.5 13.1 53.1

64 38.3 24.1 64.1





#9

Benzaldehyde

Concen: 50.33 ng

RT: 6.42 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Tgt Ion:	77	Resp:	407144
Ion Ratio	Lower	Upper	
77	100		
105	96.0	66.4	106.4
106	90.6	60.9	100.9

Instrument :

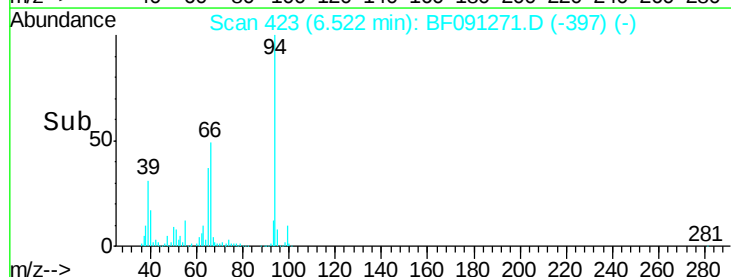
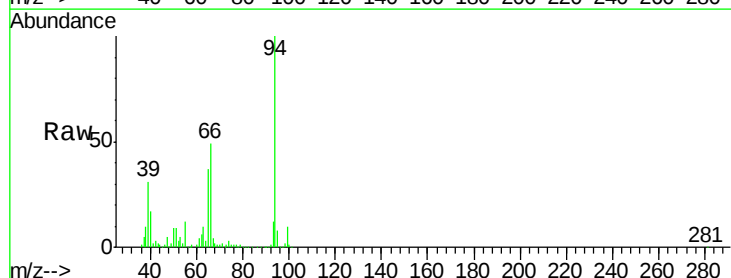
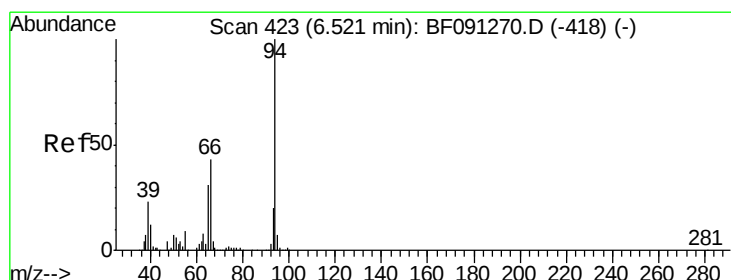
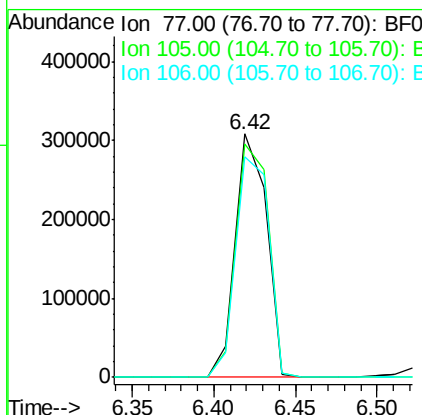
BNA_F

ClientSampleId :

SSTDIC050

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#10

Phenol

Concen: 52.39 ng

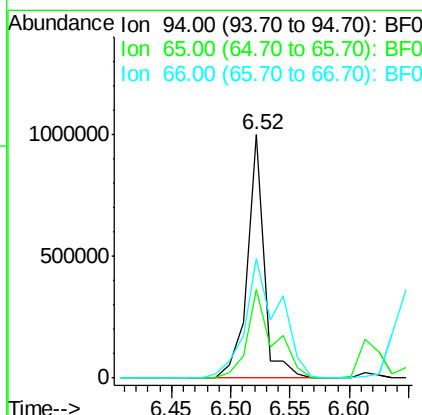
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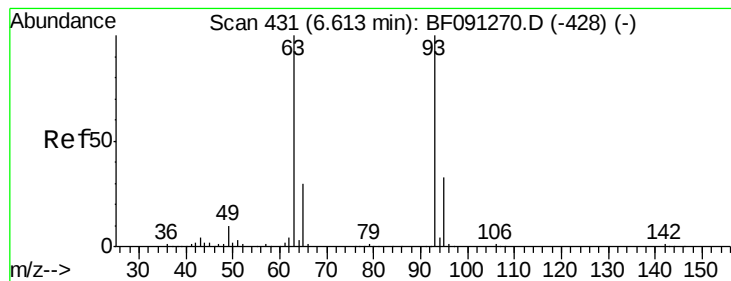
Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Tgt Ion:	94	Resp:	987501
Ion Ratio	Lower	Upper	
94	100		
65	36.6	16.9	56.9
66	49.2	30.6	70.6





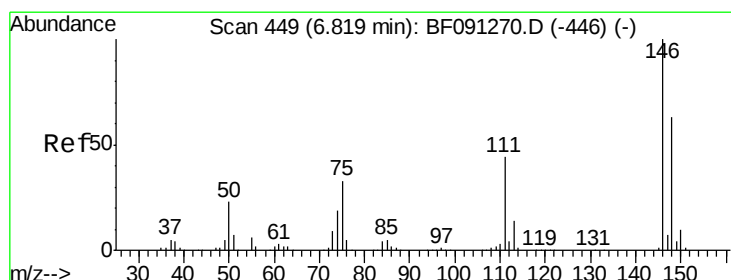
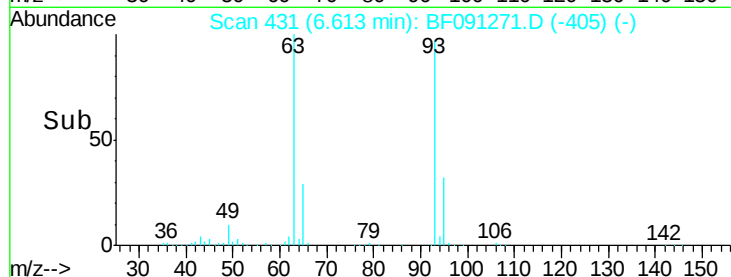
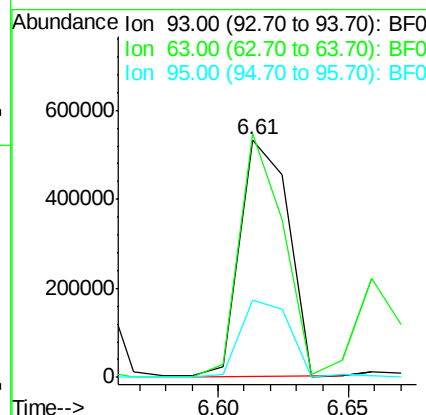
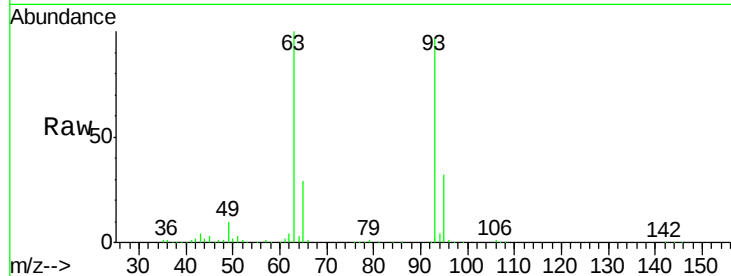
#11
bis(2-Chloroethyl)ether
Concen: 46.96 ng
RT: 6.61 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
93	100		
63	102.6	74.8	114.8
95	32.8	12.4	52.4

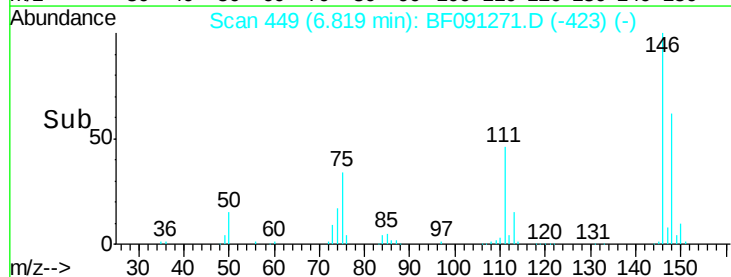
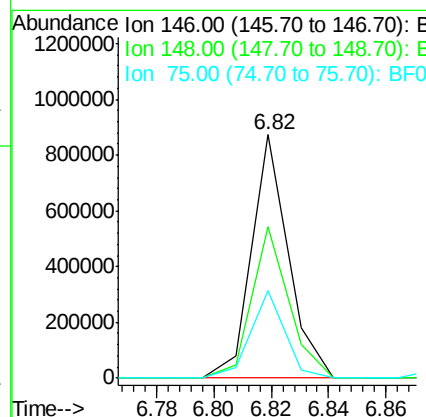
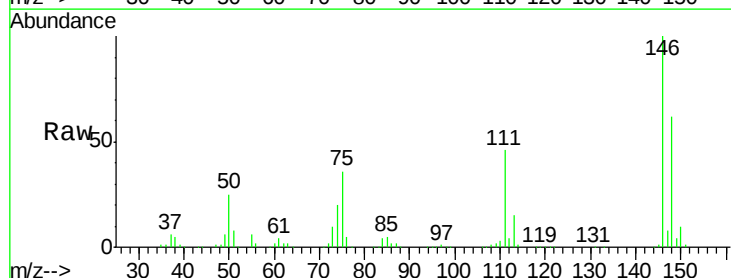
Manual Integrations
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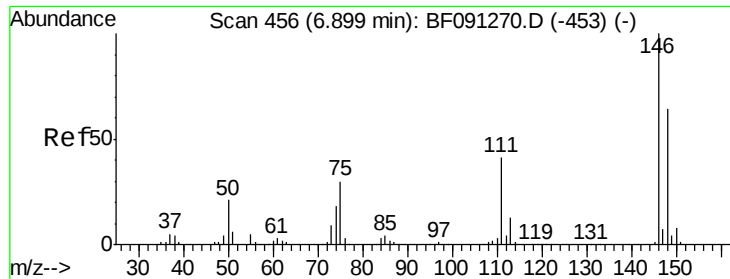
sohil
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#12
1,3-Dichlorobenzene
Concen: 49.50 ng m
RT: 6.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.4	77.0
75	35.8	23.6	35.4#





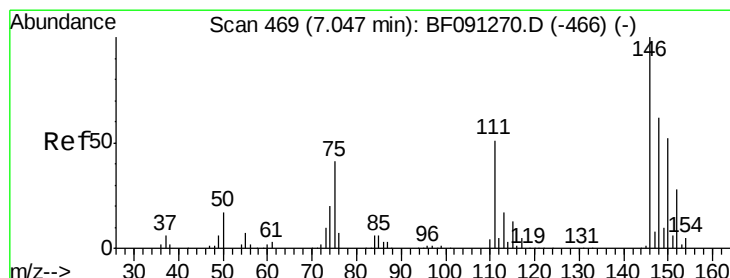
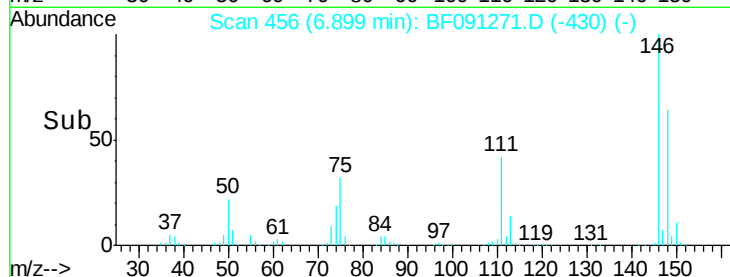
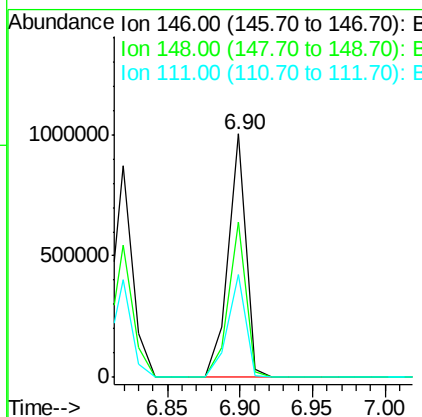
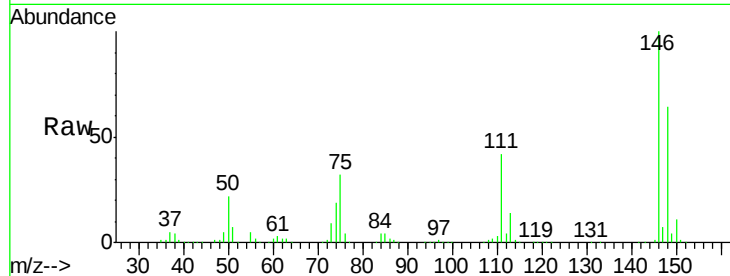
#13
 1,4-Dichlorobenzene
 Concen: 52.06 ng
 RT: 6.90 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	853658		
148	64.0	51.4	77.0	
111	42.0	32.2	48.2	

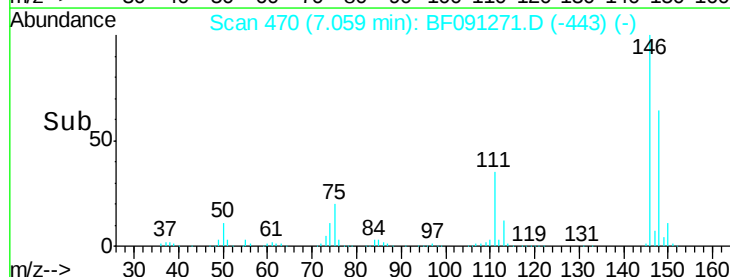
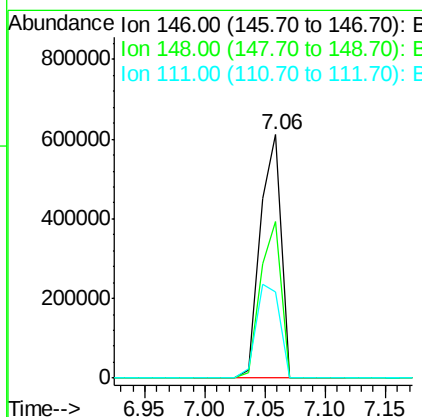
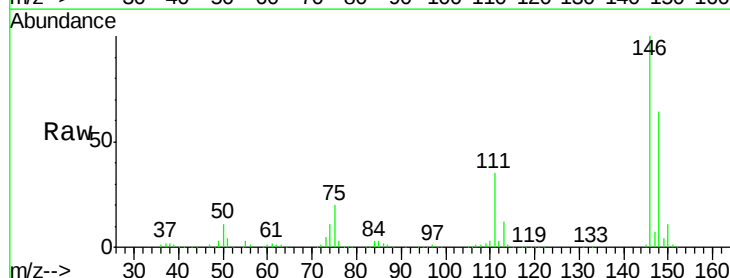
Manual Integrations
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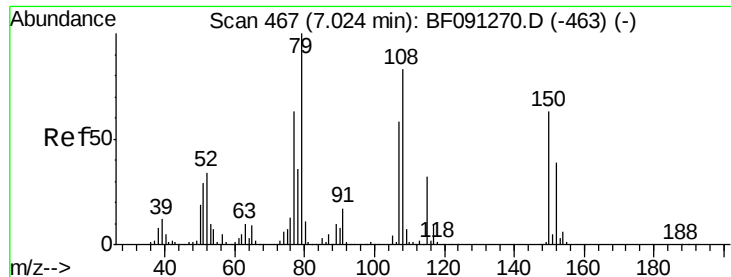
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#14
 1,2-Dichlorobenzene
 Concen: 51.05 ng m
 RT: 7.06 min Scan# 470
 Delta R.T. 0.01 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	743428		
148	64.4	51.0	76.6	
111	35.2	38.9	58.3#	





#15

Benzyl Alcohol

Concen: 56.12 ng

RT: 7.02 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 79 Resp: 710249

Ion Ratio Lower Upper

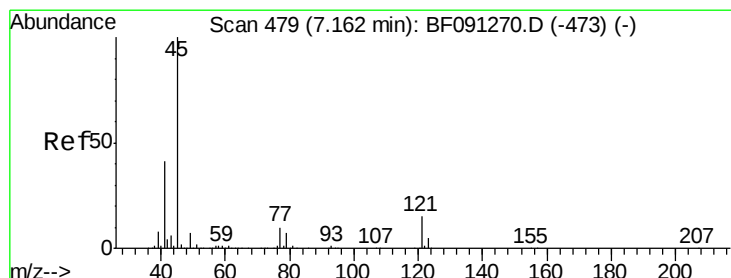
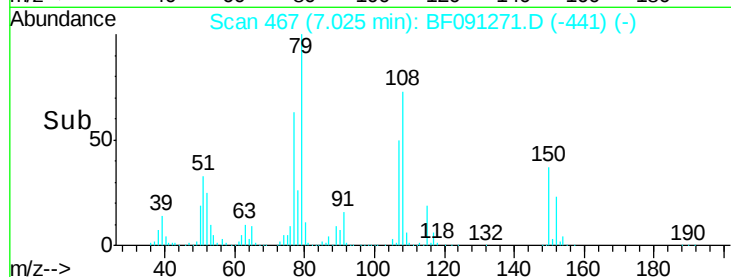
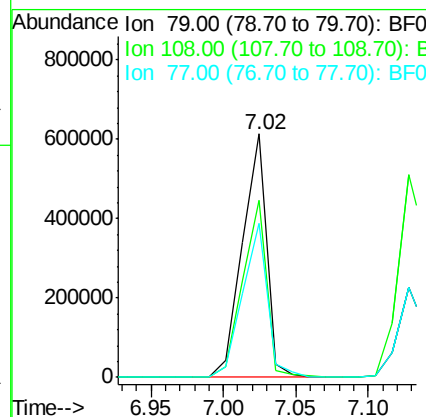
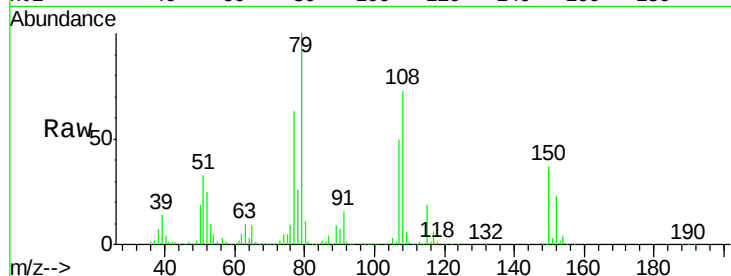
79 100

108 72.7 62.7 94.1

77 63.3 51.7 77.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.94 ng

RT: 7.16 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

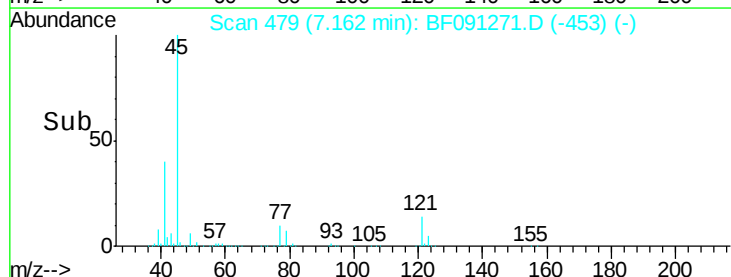
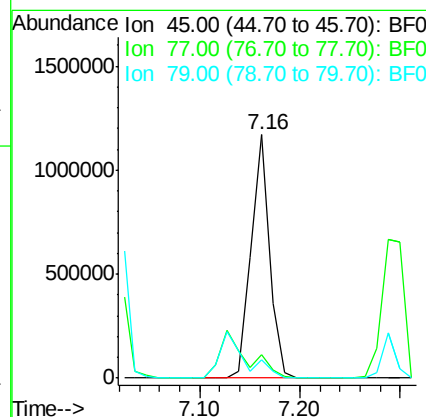
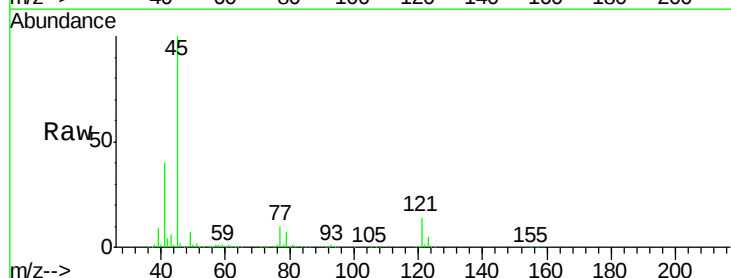
Tgt Ion: 45 Resp: 1487907

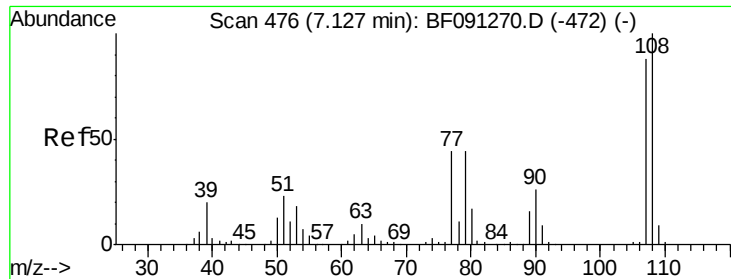
Ion Ratio Lower Upper

45 100

77 9.7 3.8 43.8

79 7.4 0.2 40.2





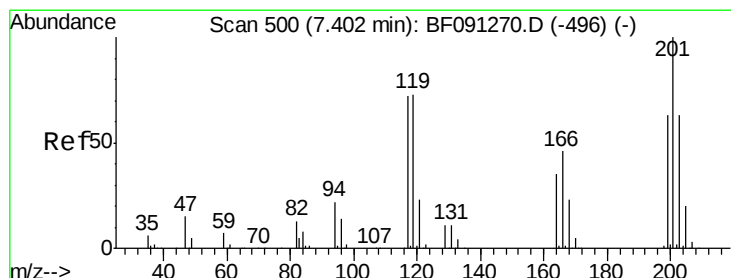
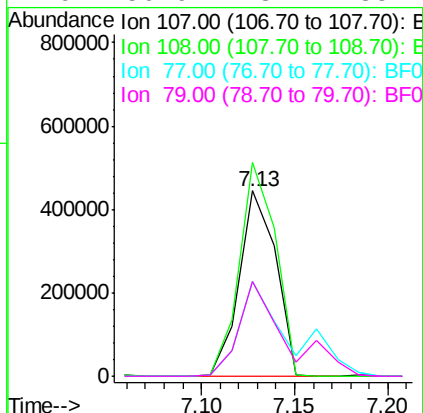
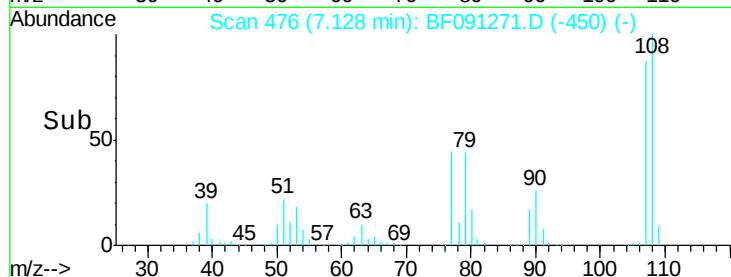
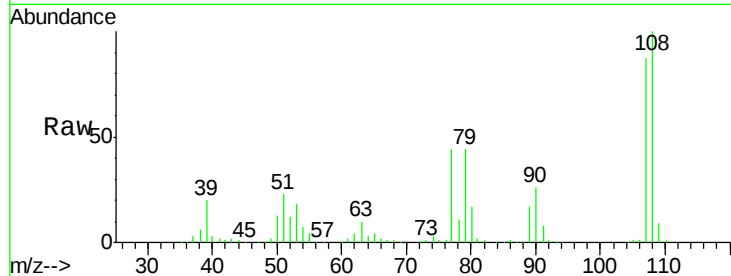
#17
2-Methylphenol
Concen: 41.76 ng
RT: 7.13 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	606053		
108	115.3	67.7	101.5#	
77	51.2	40.7	61.1	
79	50.9	23.4	35.2#	

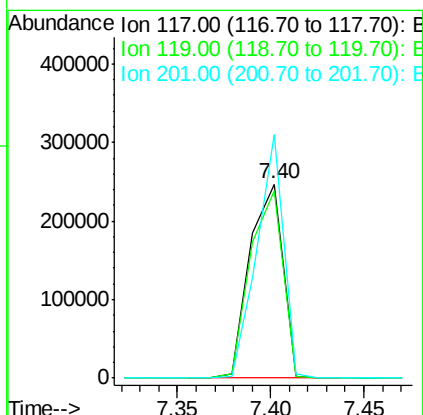
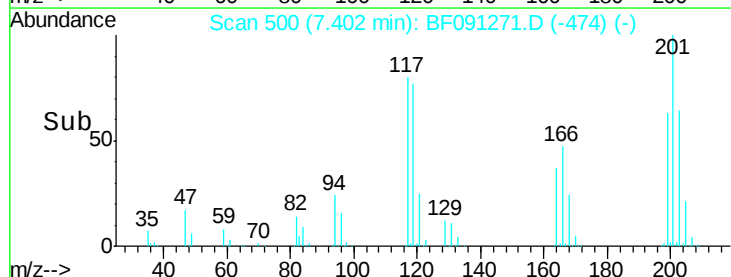
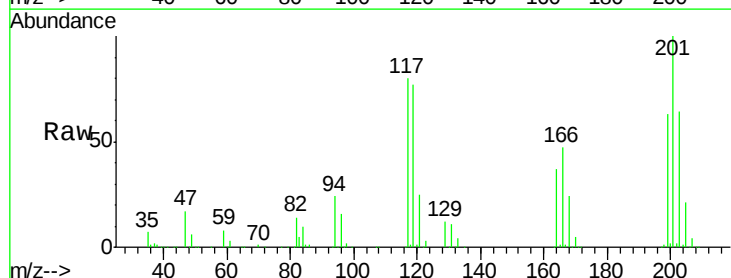
Manual Integrations
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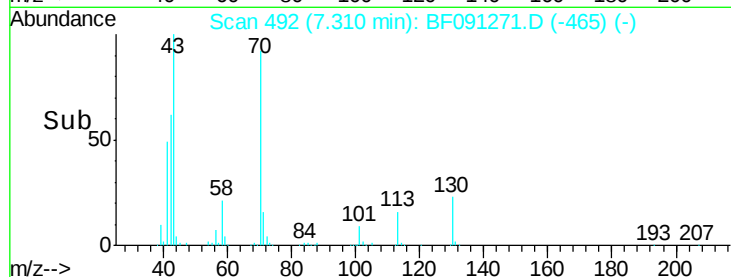
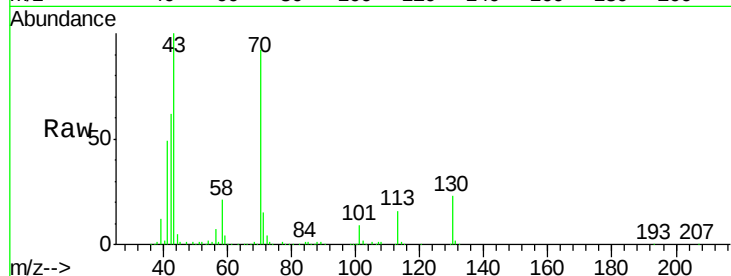
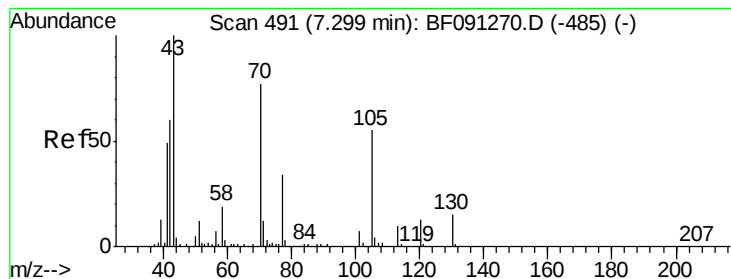
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#18
Hexachloroethane
Concen: 49.67 ng
RT: 7.40 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	301403		
119	96.5	78.6	118.0	
201	125.3	86.7	130.1	





#19

n-Nitroso-di-n-propylamine

Concen: 47.93 ng

RT: 7.31 min Scan# 492

Delta R.T. 0.01 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 564380

Ion Ratio Lower Upper

70 100

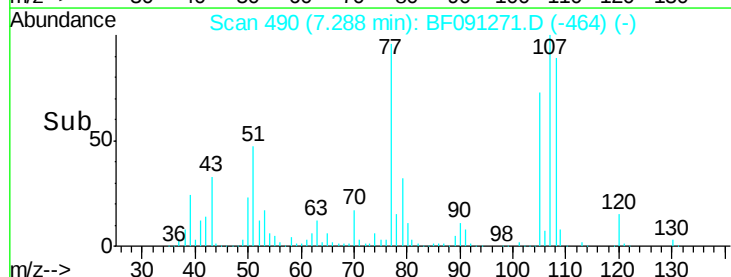
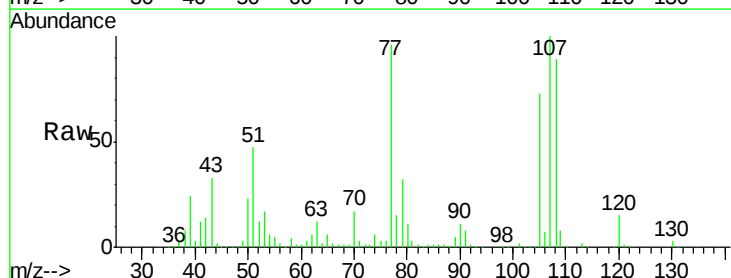
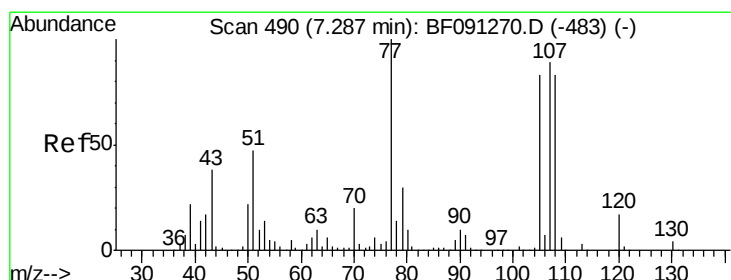
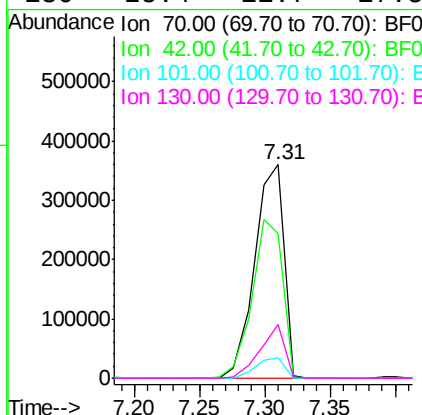
42 67.9 64.8 97.2

101 9.9 6.2 9.4#

130 25.4 11.7 17.5#

Manual Integrations
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#20

3+4-Methylphenols

Concen: 45.07 ng

RT: 7.29 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Tgt Ion: 107 Resp: 654216

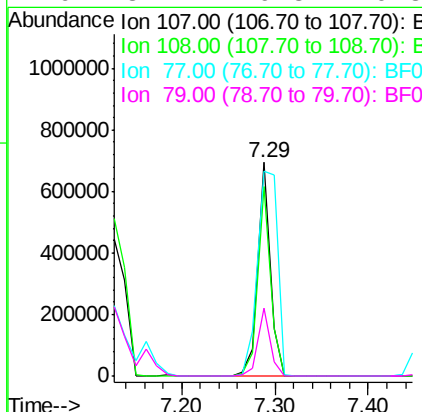
Ion Ratio Lower Upper

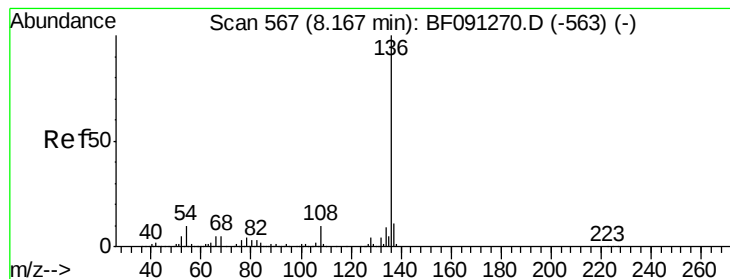
107 100

108 88.7 64.6 104.6

77 95.7 30.9 70.9#

79 31.7 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

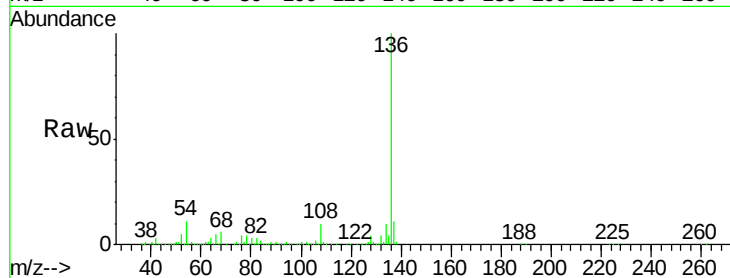
ClientSampleId :

SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	929127		
137	10.9	9.1	13.7	
54	10.8	9.1	13.7	
68	5.5	5.9	8.9#	

Manual Integrations
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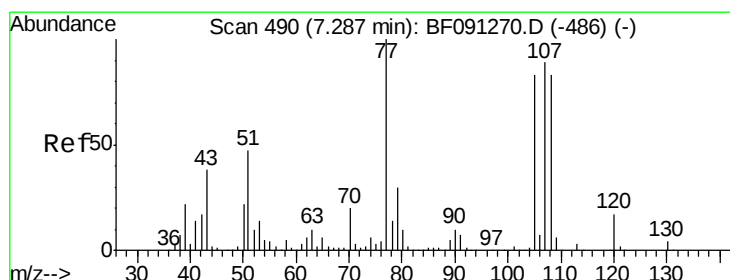
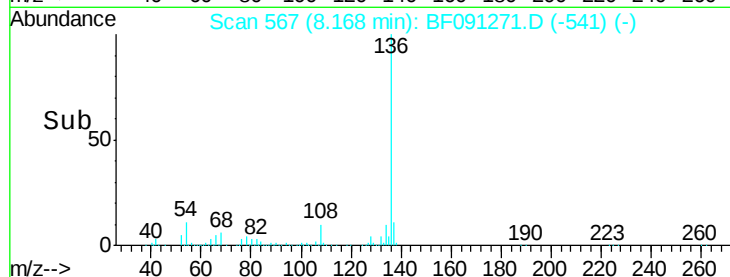
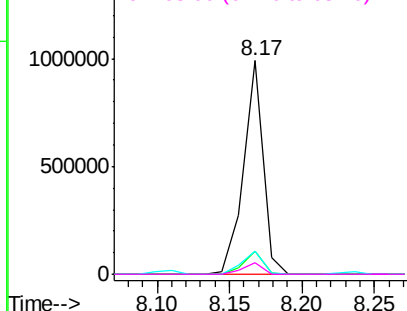
Abundance

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: 45.80 ng

RT: 7.30 min Scan# 491

Delta R.T. 0.01 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1014442		
71	6.6	7.9	11.9#	
51	32.5	24.5	36.7	
120	22.6	16.6	24.8	

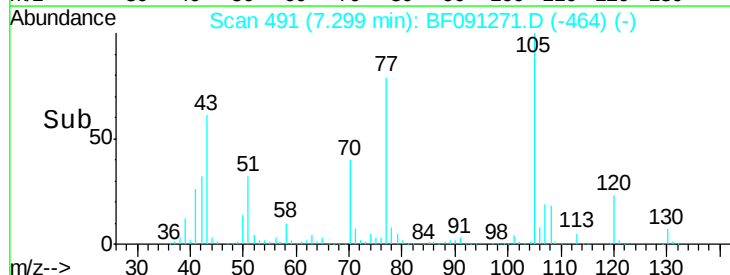
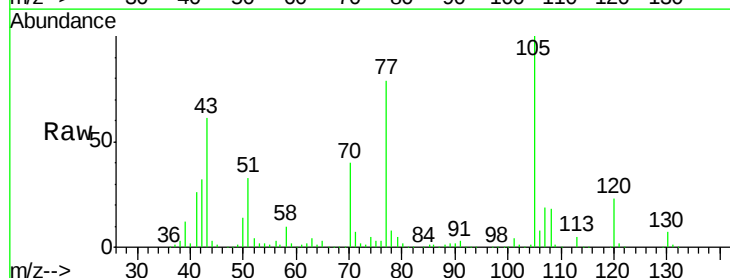
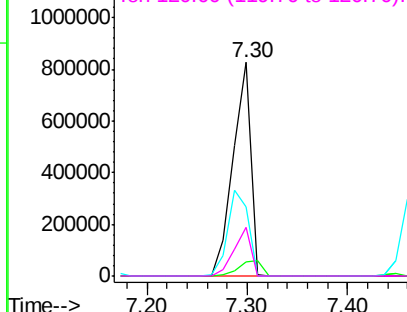
Abundance

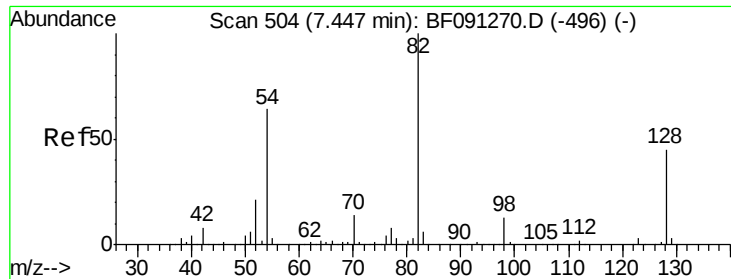
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





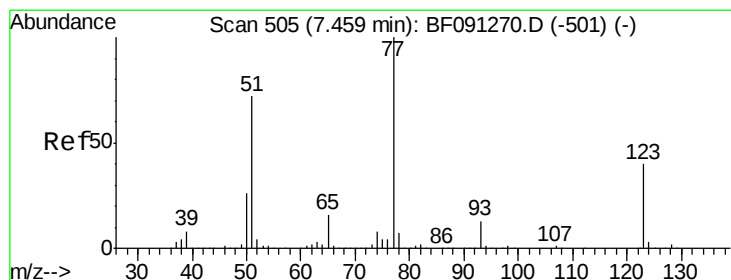
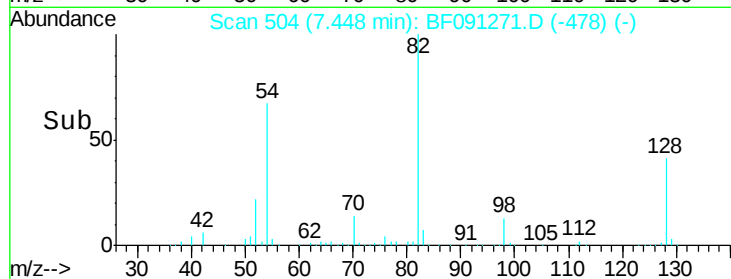
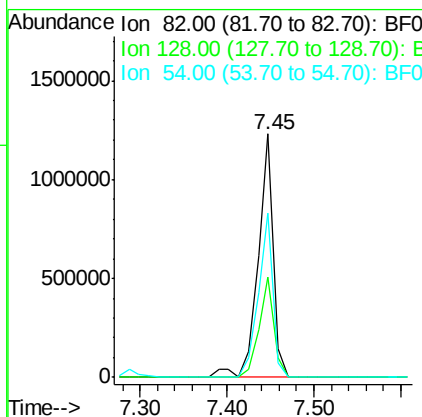
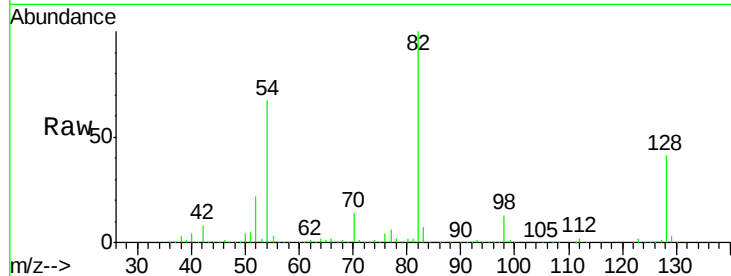
#23
 Nitrobenzene-d5
 Concen: 90.01 ng
 RT: 7.45 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion: 82 Resp: 1516620
 Ion Ratio Lower Upper
 82 100
 128 41.2 31.8 47.6
 54 67.2 49.1 73.7

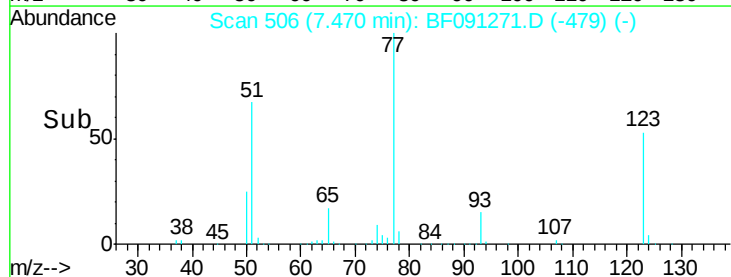
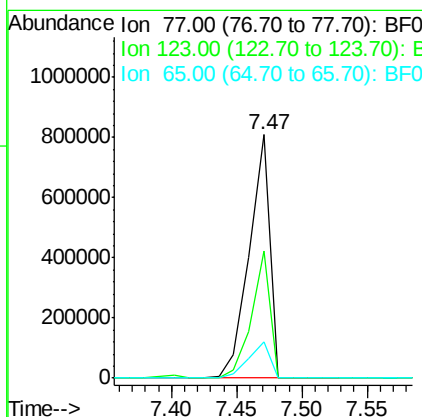
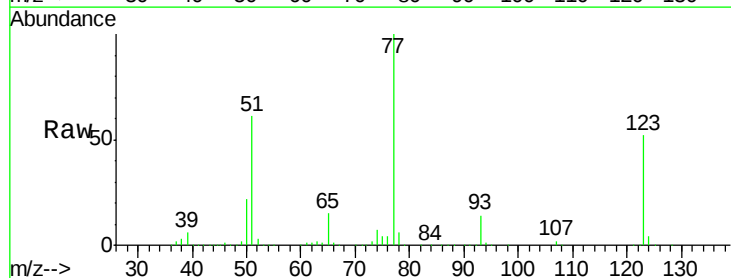
Manual Integrations
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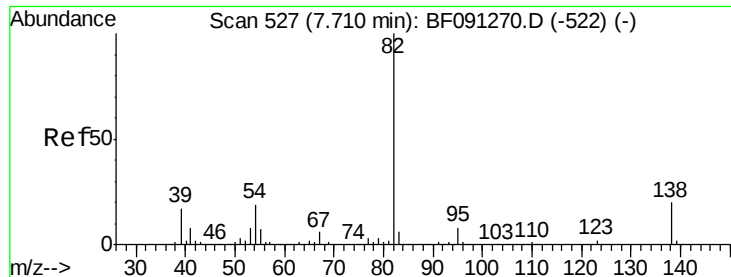
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#24
 Nitrobenzene
 Concen: 47.31 ng
 RT: 7.47 min Scan# 506
 Delta R.T. 0.01 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Tgt Ion: 77 Resp: 887464
 Ion Ratio Lower Upper
 77 100
 123 52.3 28.5 42.7#
 65 15.0 12.5 18.7





#25

Isophorone

Concen: 45.45 ng

RT: 7.71 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 82 Resp: 1444686

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

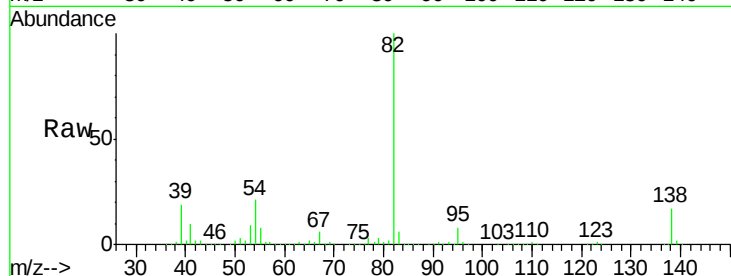
138 17.0 13.4 20.0

Manual Integrations

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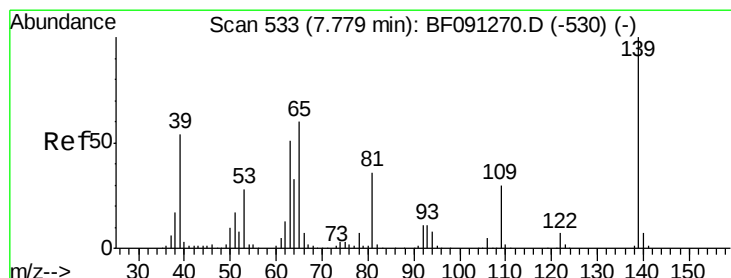
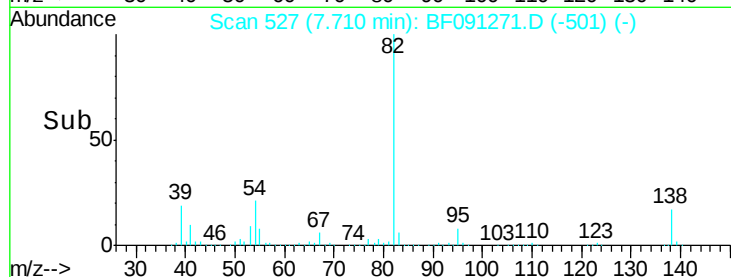
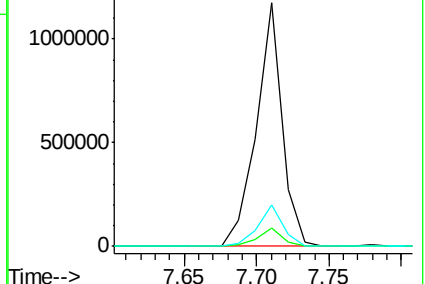
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.44 ng

RT: 7.78 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

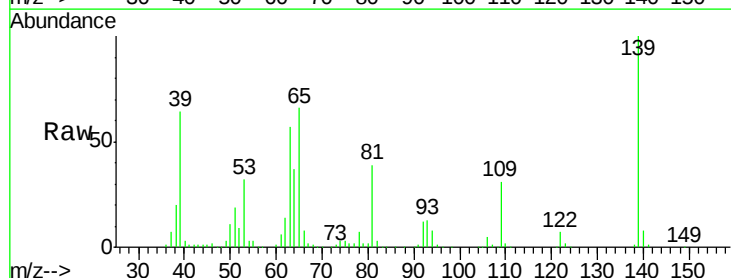
Tgt Ion: 139 Resp: 340120

Ion Ratio Lower Upper

139 100

109 31.2 25.3 37.9

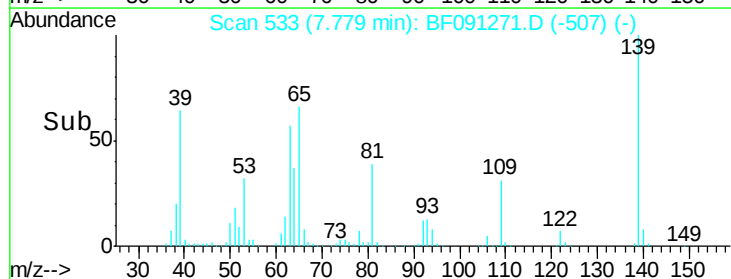
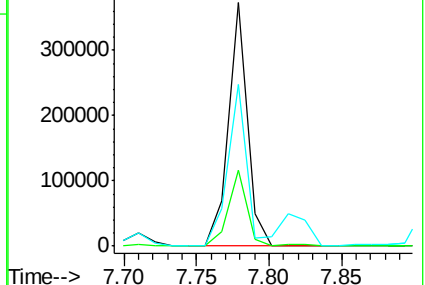
65 66.3 55.4 83.2

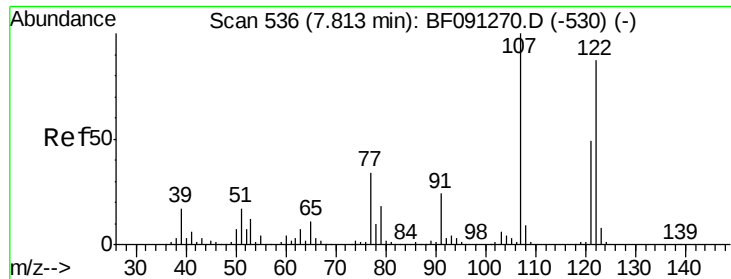


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 55.44 ng

RT: 7.82 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

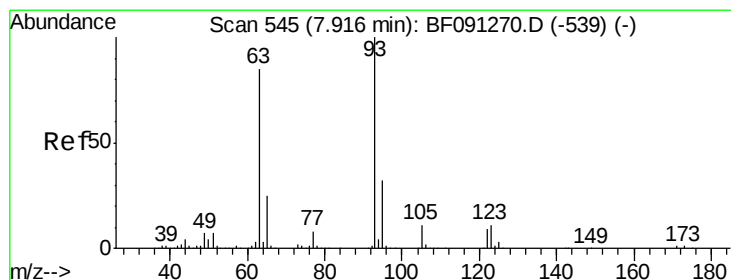
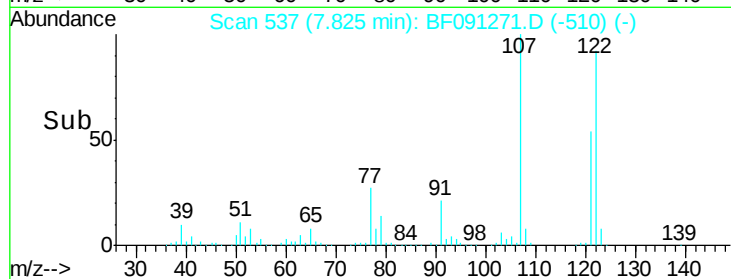
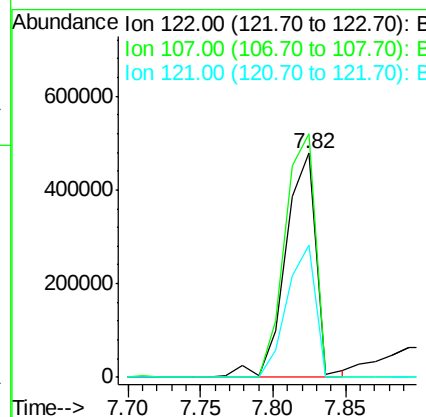
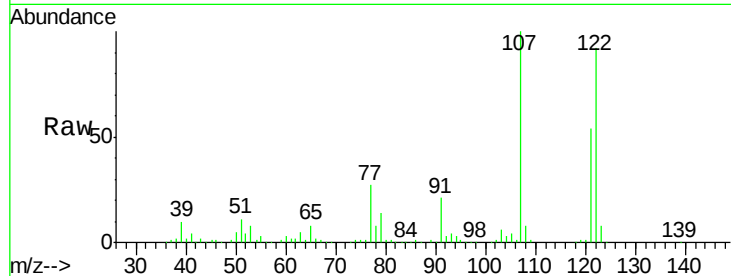
ClientSampleId :

SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	700084		
107	108.7	96.8	145.2	
121	59.0	47.7	71.5	

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#28

bis(2-Chloroethoxy)methane

Concen: 45.27 ng

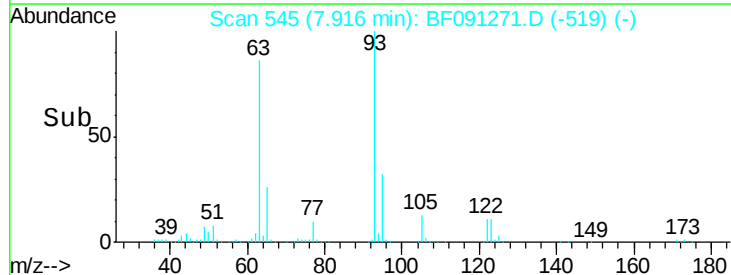
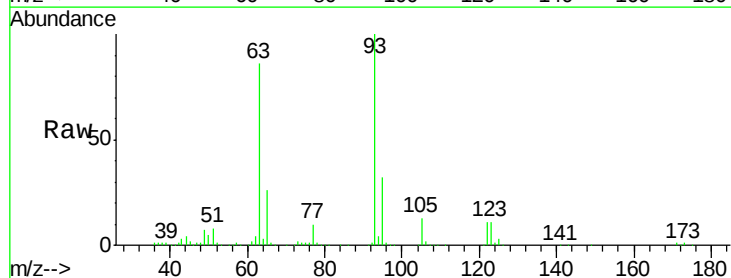
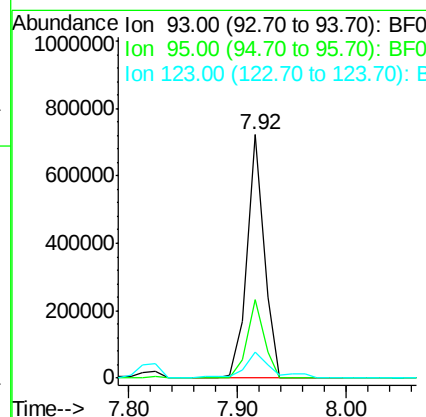
RT: 7.92 min Scan# 545

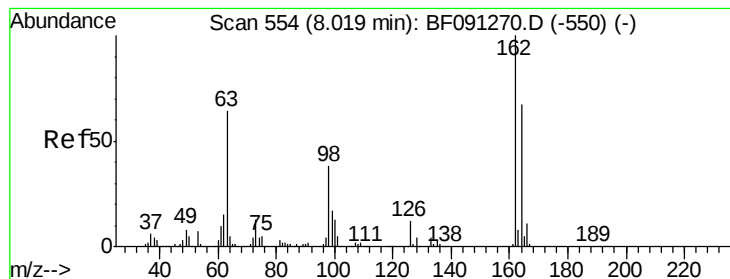
Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	786401		
95	32.0	26.0	39.0	
123	10.7	8.6	12.8	





#29

2,4-Dichlorophenol

Concen: 45.98 ng

RT: 8.02 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:162 Resp: 577673
Ion Ratio Lower Upper

162 100

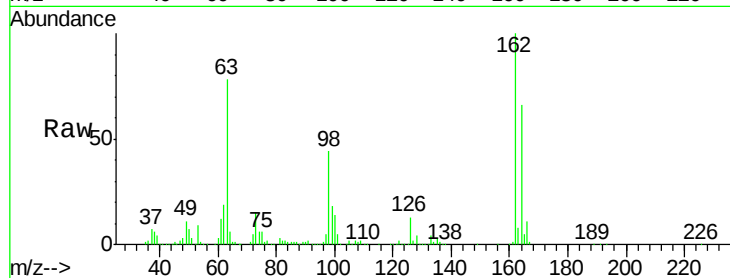
164 65.7 45.0 85.0

98 43.8 21.3 61.3

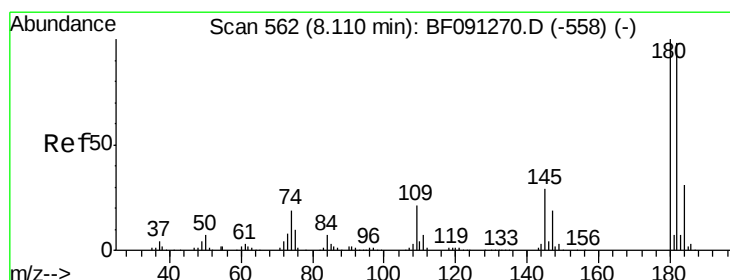
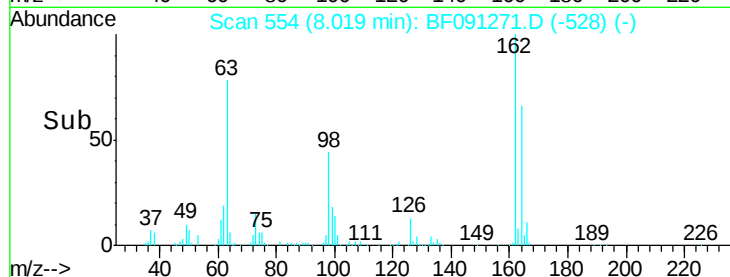
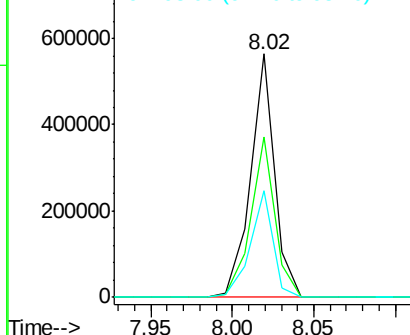
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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 50.46 ng

RT: 8.11 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF091271.D

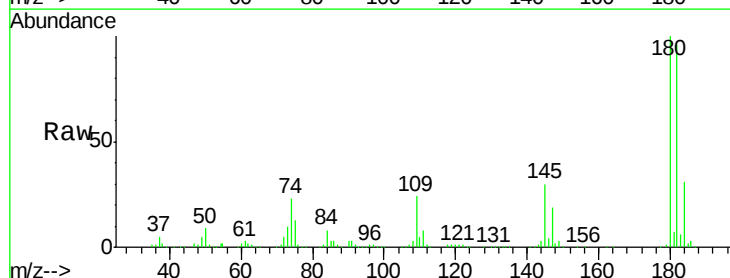
Acq: 23 Nov 2016 11:18

Tgt Ion:180 Resp: 708222
Ion Ratio Lower Upper

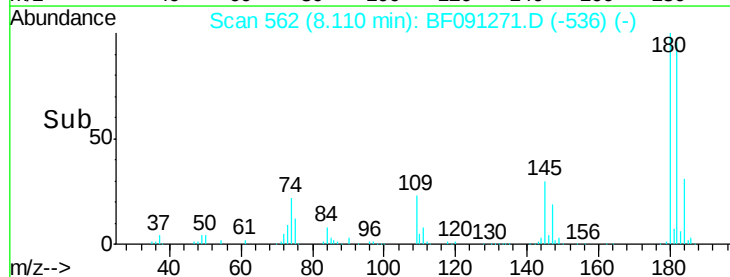
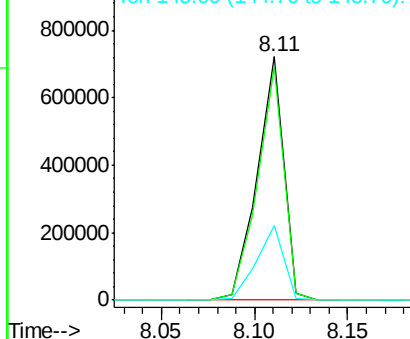
180 100

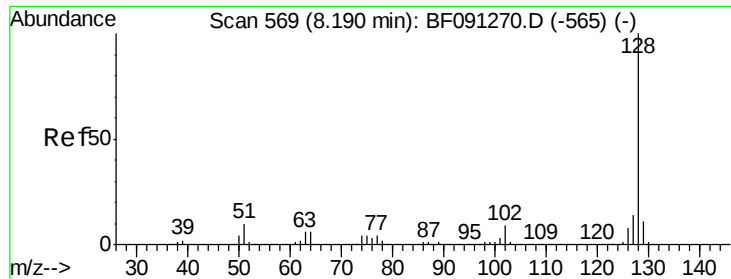
182 95.6 75.8 113.8

145 30.4 27.0 40.4



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





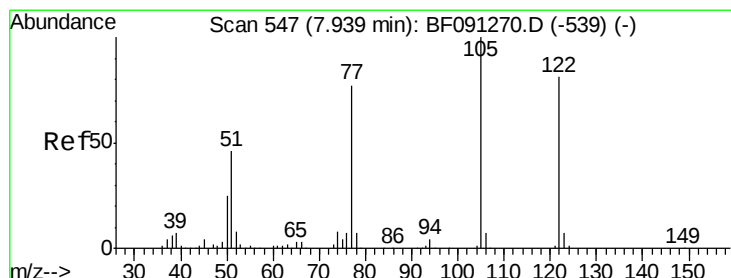
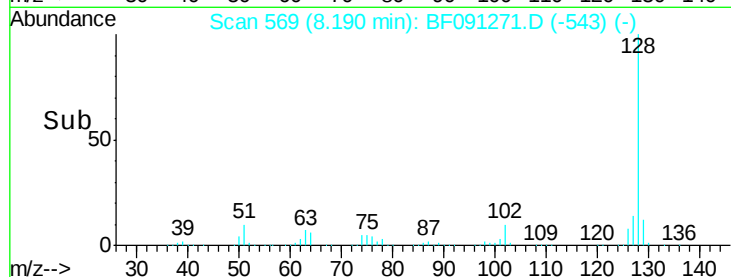
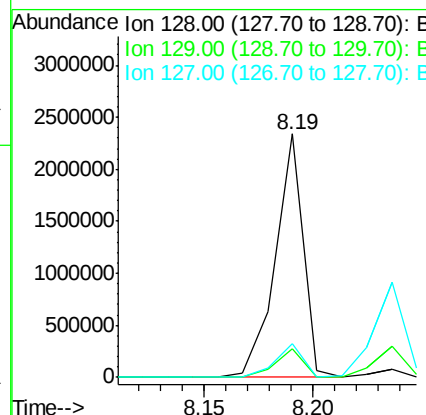
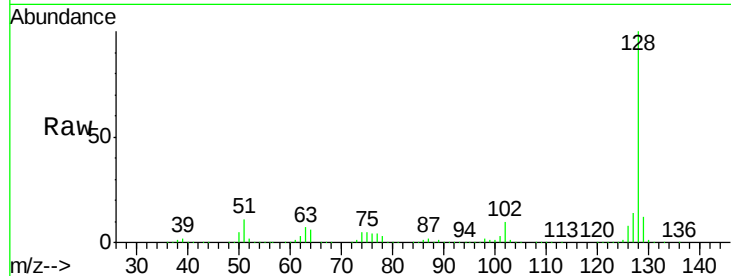
#31
Naphthalene
Concen: 48.82 ng
RT: 8.19 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 2119276
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.8 11.0 16.4

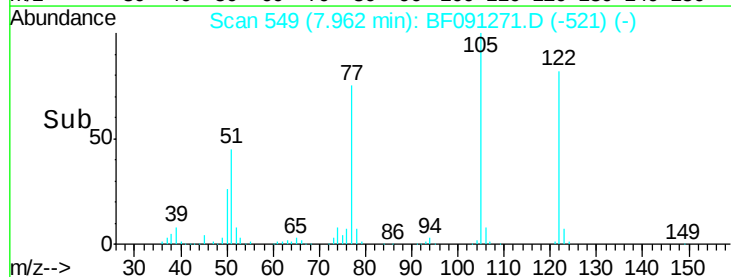
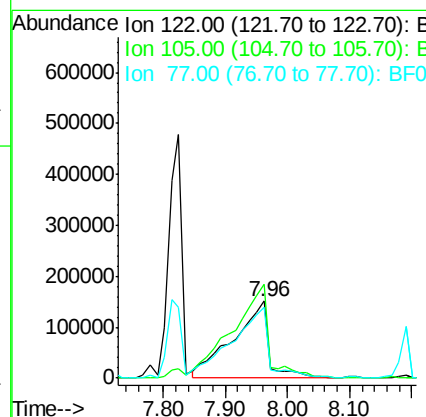
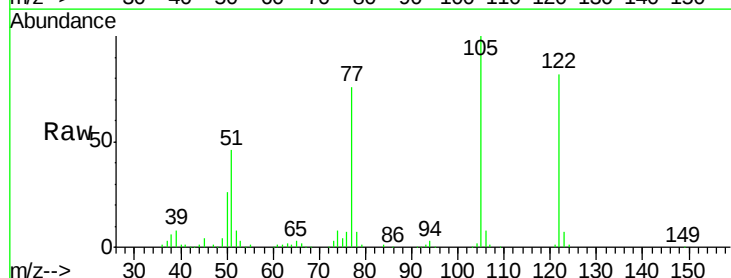
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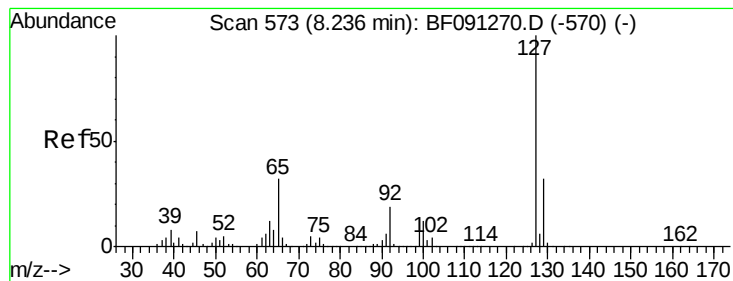
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#32
Benzoic acid
Concen: 64.54 ng
RT: 7.96 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion:122 Resp: 592515
Ion Ratio Lower Upper
122 100
105 122.6 113.0 153.0
77 92.7 82.0 122.0





#33

4-Chloroaniline

Concen: 51.26 ng

RT: 8.24 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

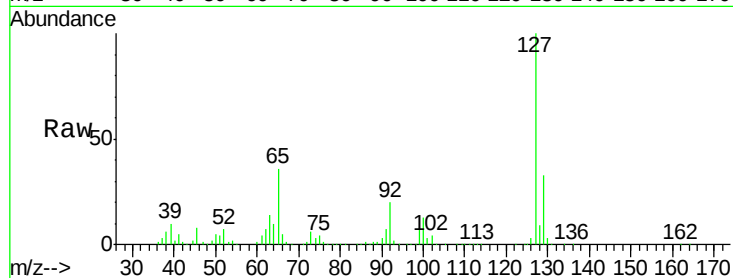
ClientSampleId :

SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.1	26.2	39.4	
65	36.1	26.6	39.8	
92	20.1	15.4	23.0	

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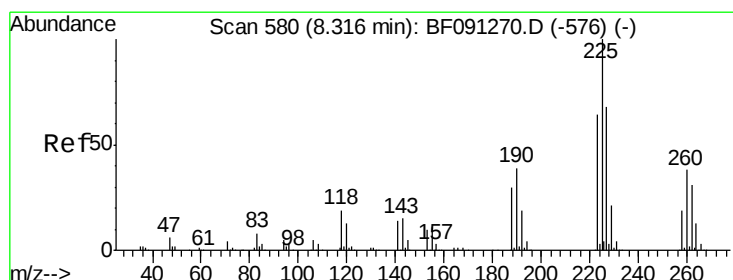
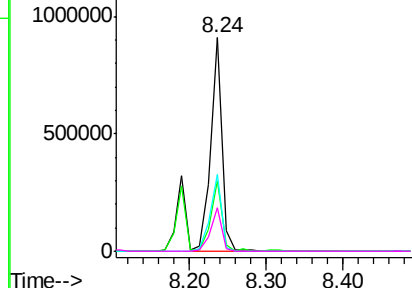
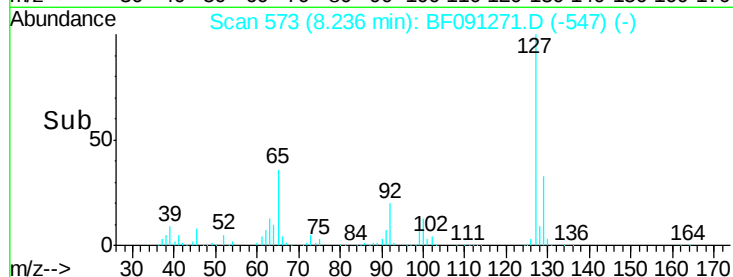


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 49.78 ng

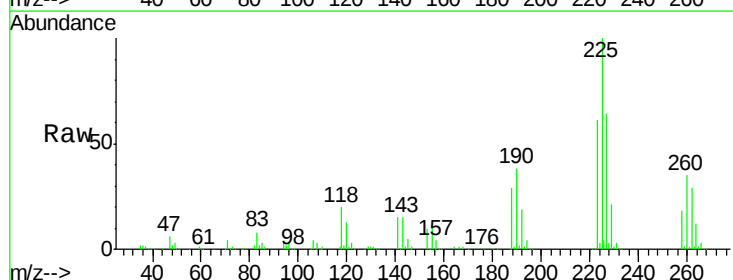
RT: 8.32 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

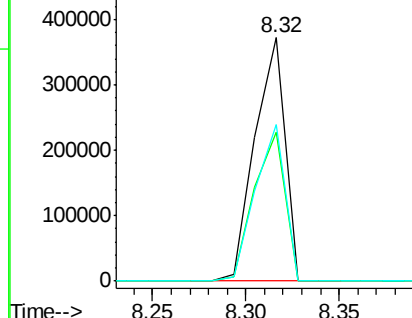
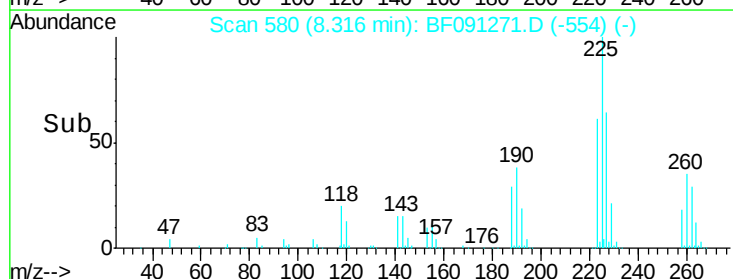
Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.0	49.8	74.6	
227	64.4	52.6	79.0	

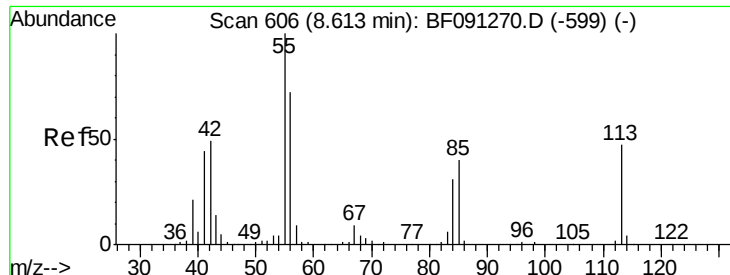


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





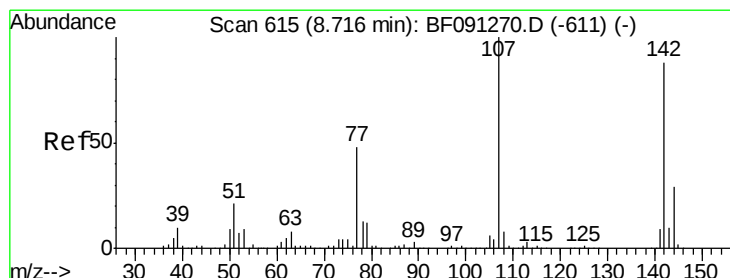
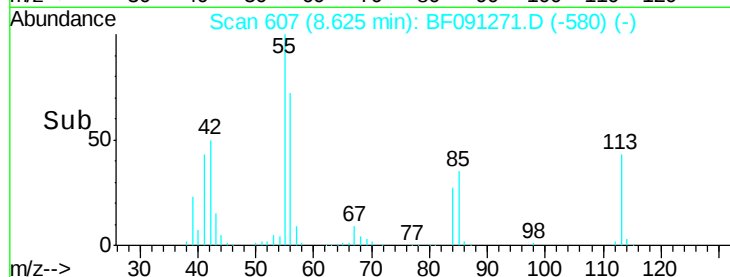
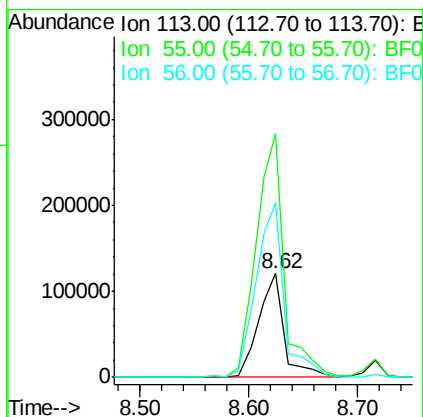
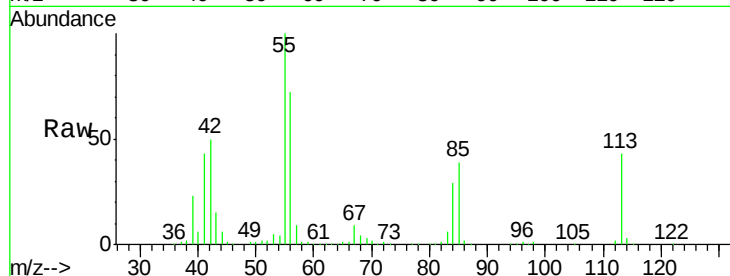
#35
Caprolactam
Concen: 56.00 ng
RT: 8.62 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:113 Resp: 198125
Ion Ratio Lower Upper
113 100
55 234.8 239.8 279.8#
56 168.7 165.6 205.6

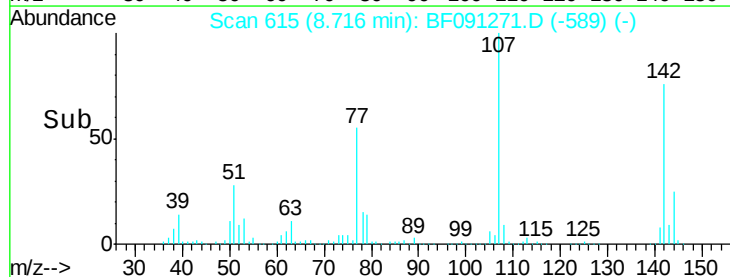
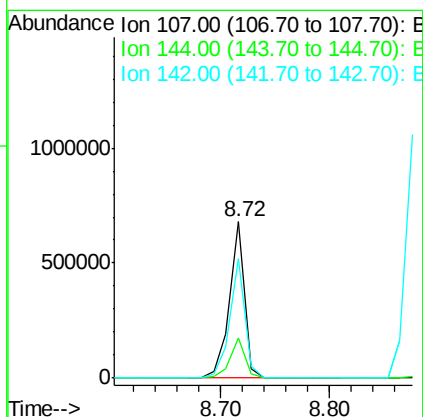
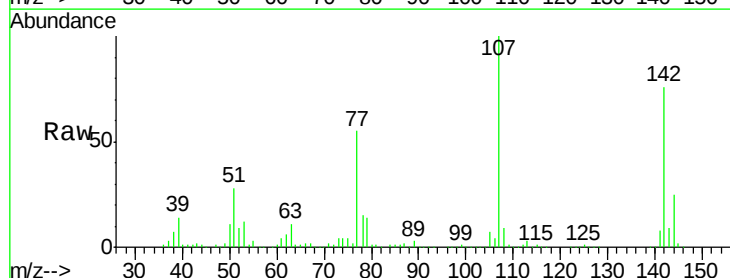
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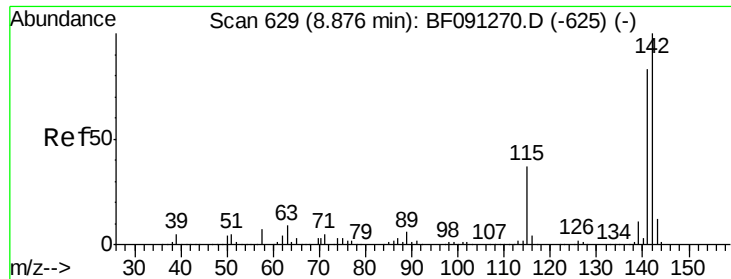
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#36
4-Chloro-3-methylphenol
Concen: 47.24 ng
RT: 8.72 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion:107 Resp: 650406
Ion Ratio Lower Upper
107 100
144 25.4 18.9 28.3
142 76.4 58.5 87.7





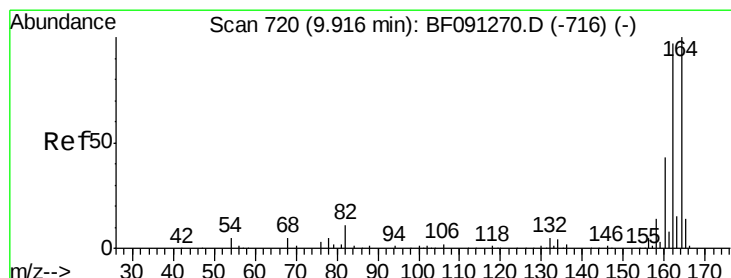
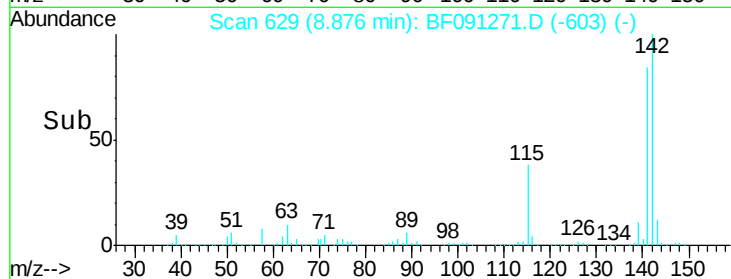
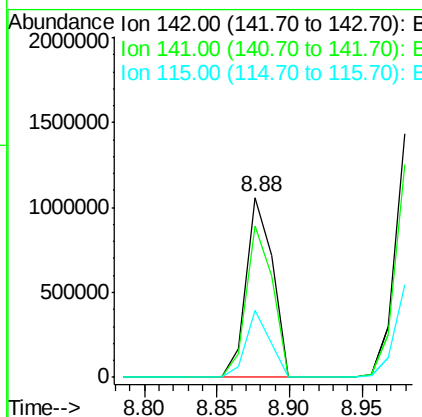
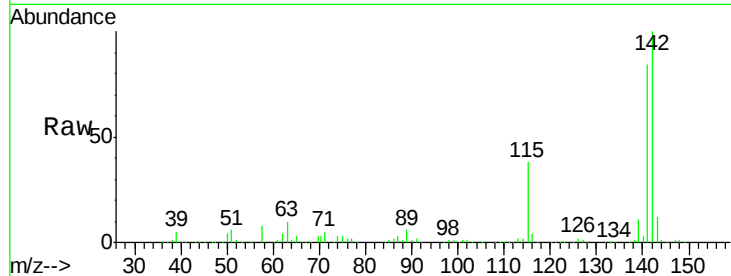
#37
 2-Methylnaphthalene
 Concen: 45.89 ng
 RT: 8.88 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:142 Resp: 1335896
 Ion Ratio Lower Upper
 142 100
 141 84.1 71.7 107.5
 115 37.6 25.0 37.6#

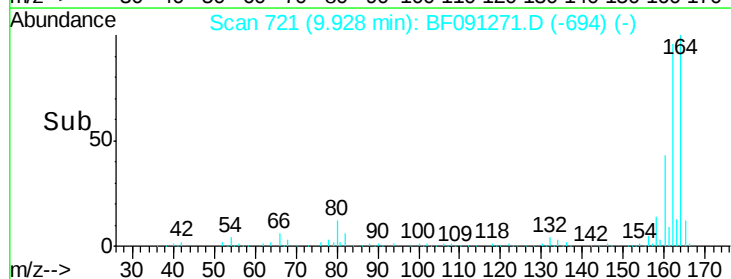
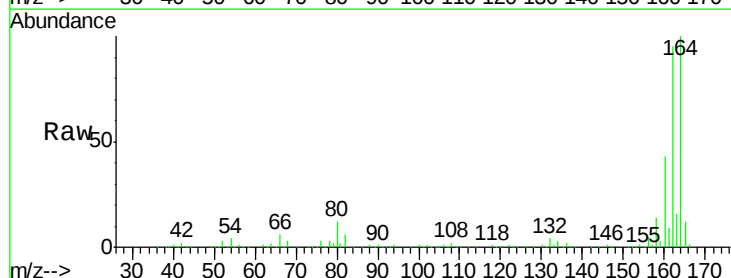
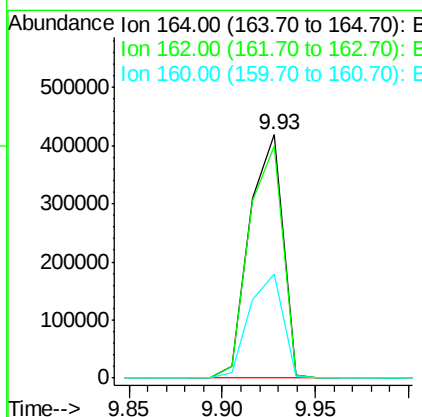
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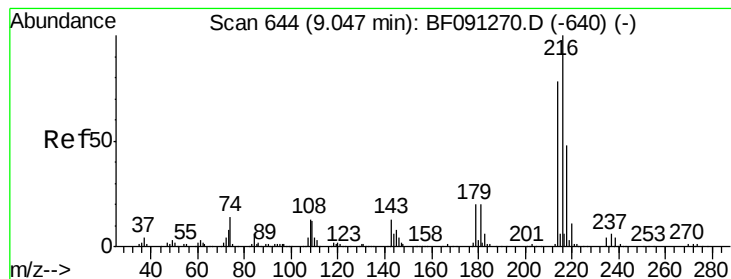
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 721
 Delta R.T. 0.01 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Tgt Ion:164 Resp: 517243
 Ion Ratio Lower Upper
 164 100
 162 95.4 82.6 124.0
 160 42.7 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.24 ng

RT: 9.05 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

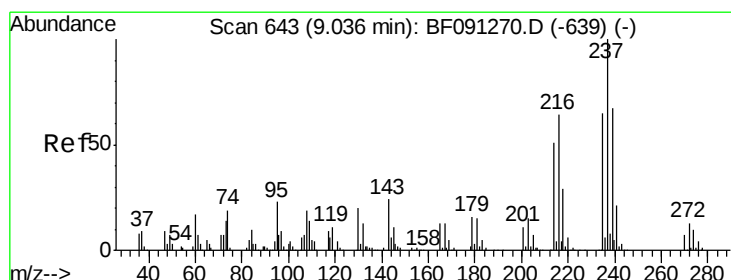
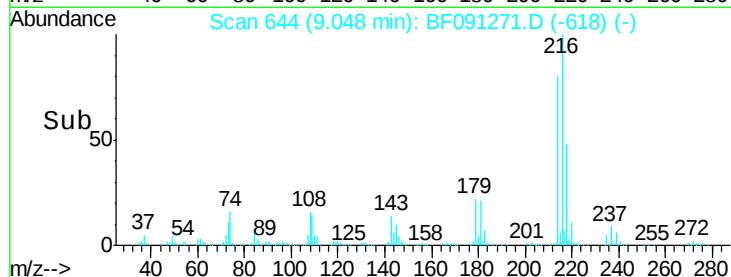
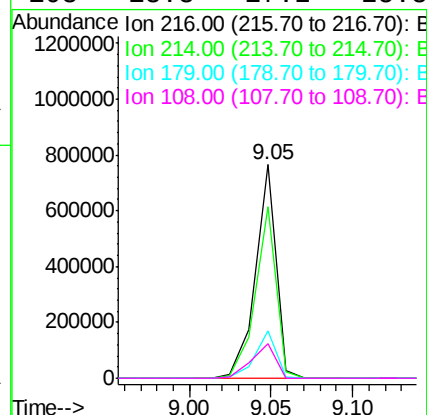
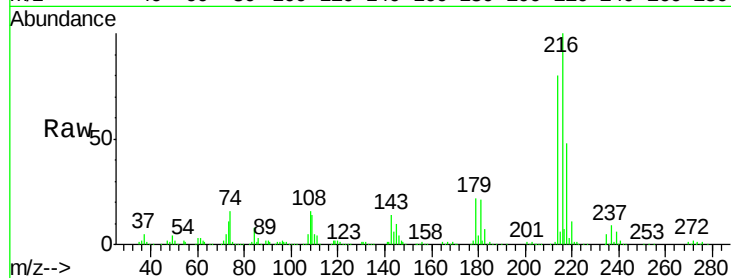
ClientSampleId :

SSTDICC050

Tgt Ion:	216	Resp:	674476
Ion Ratio	Lower	Upper	
216	100		
214	80.2	63.8	95.8
179	22.6	18.2	27.2
108	18.8	17.2	25.8

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#40

Hexachlorocyclopentadiene

Concen: 67.89 ng

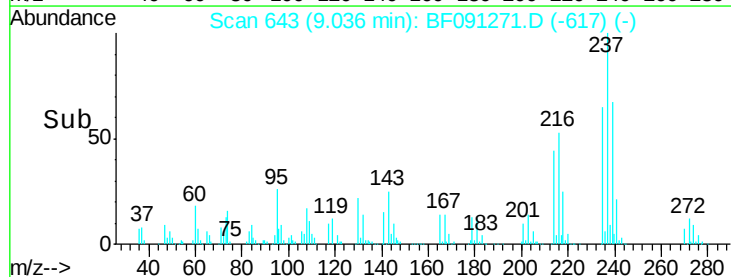
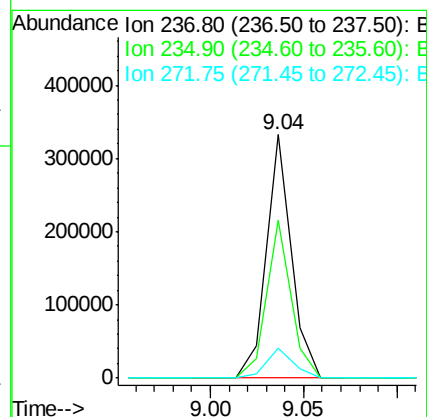
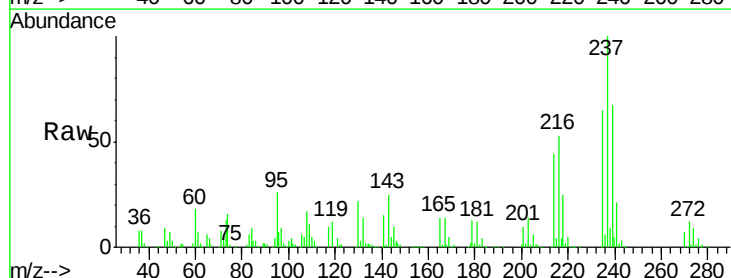
RT: 9.04 min Scan# 643

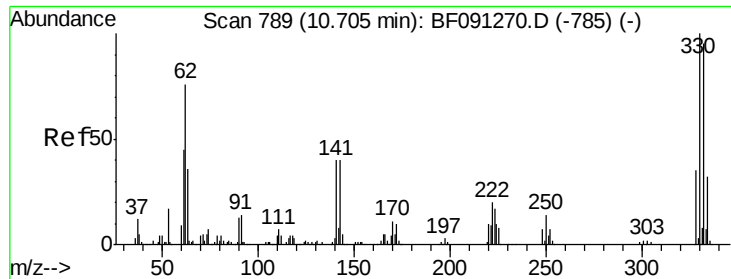
Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Tgt Ion:	237	Resp:	306192
Ion Ratio	Lower	Upper	
237	100		
235	64.9	43.9	83.9
272	12.4	0.0	33.1





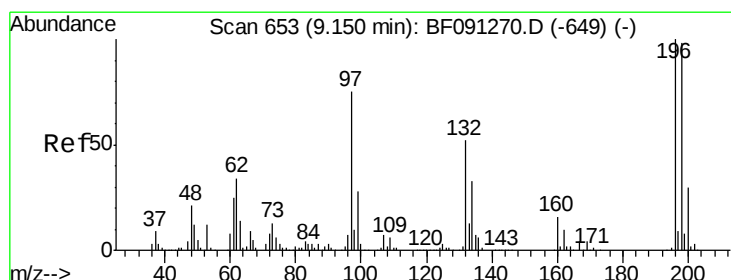
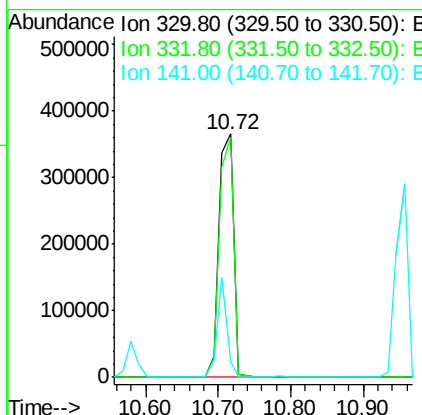
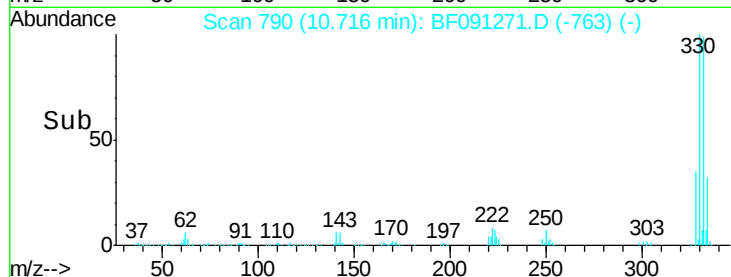
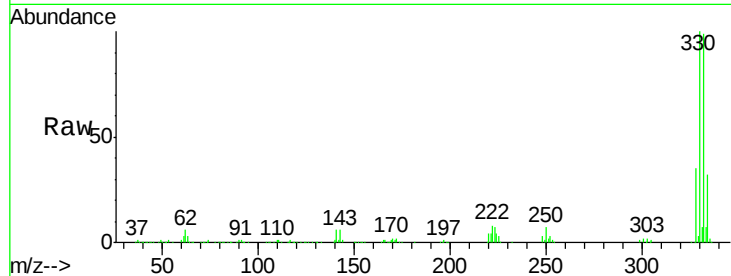
#41
 2,4,6-Tribromophenol
 Concen: 106.16 ng
 RT: 10.72 min Scan# 790
 Delta R.T. 0.01 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	512623		
332	96.3	76.2	114.4	
141	27.0	33.6	50.4	

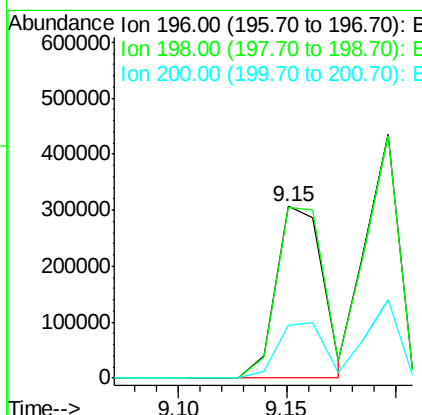
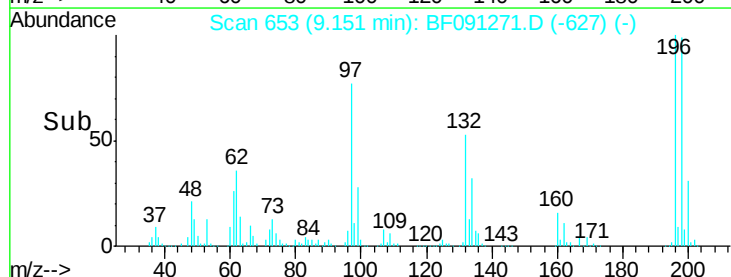
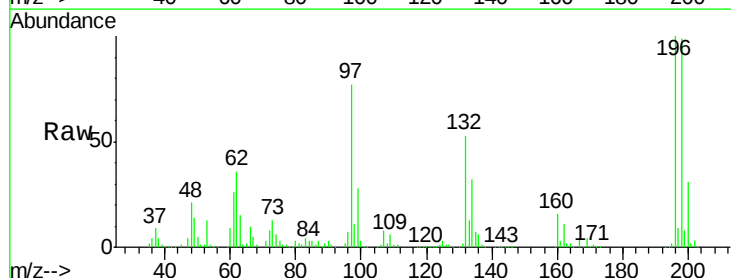
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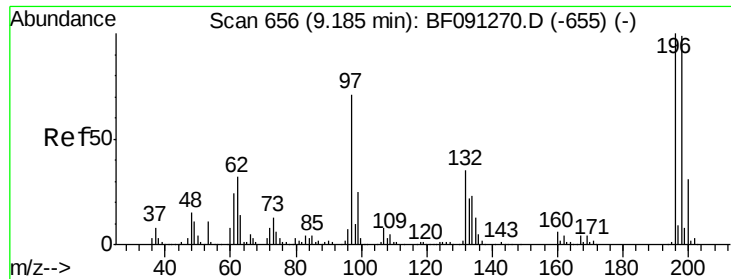
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#42
 2,4,6-Trichlorophenol
 Concen: 51.33 ng
 RT: 9.15 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

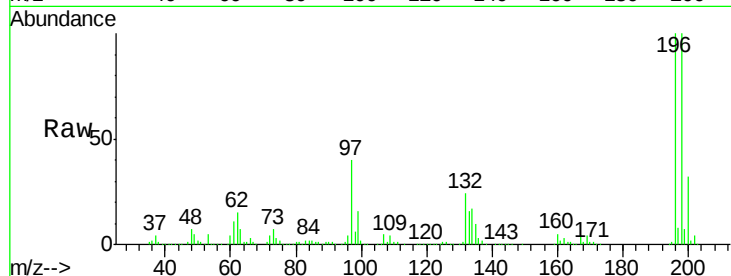
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	455640		
198	99.5	77.4	116.0	
200	30.9	25.2	37.8	





#43
 2,4,5-Trichlorophenol
 Concen: 49.42 ng
 RT: 9.20 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

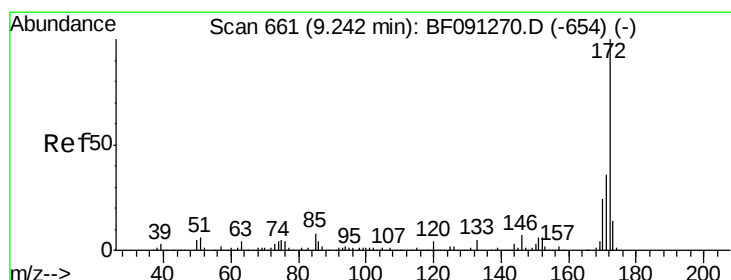
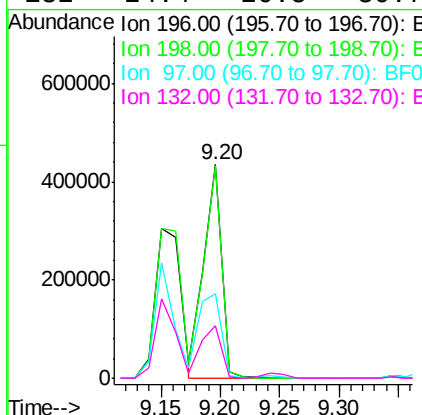
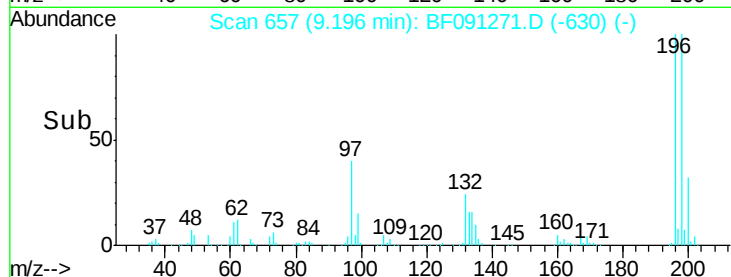
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



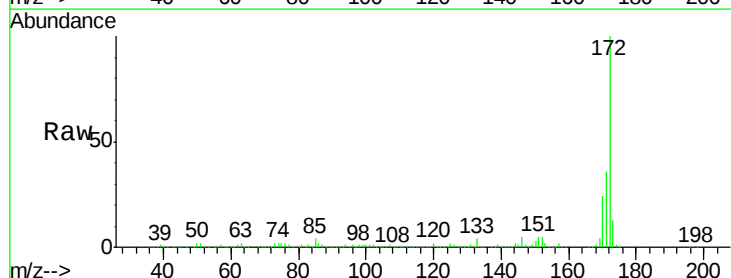
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		459525		
198	99.6		77.0	115.6	
97	39.8		33.5	50.3	
132	24.4		20.5	30.7	

Manual Integrations
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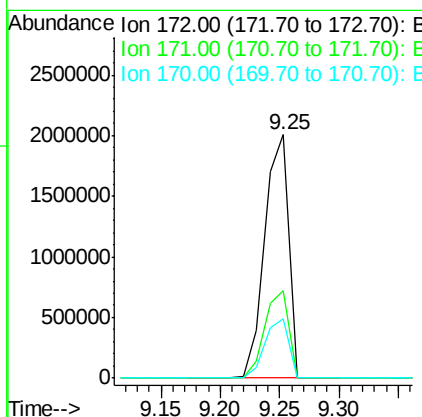
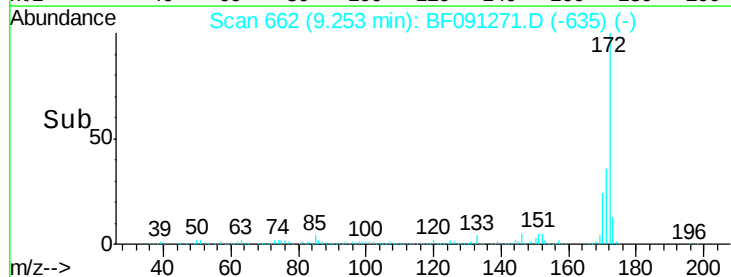
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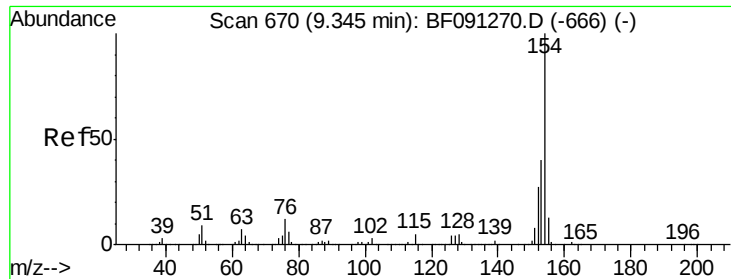


#44
 2-Fluorobiphenyl
 Concen: 95.36 ng
 RT: 9.25 min Scan# 662
 Delta R.T. 0.01 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2824325		
171	35.9		29.4	44.0	
170	24.3		19.7	29.5	





#45

1,1'-Biphenyl

Concen: 40.40 ng

RT: 9.34 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:154 Resp: 1593885

Ion Ratio Lower Upper

154 100

153 41.3 20.6 60.6

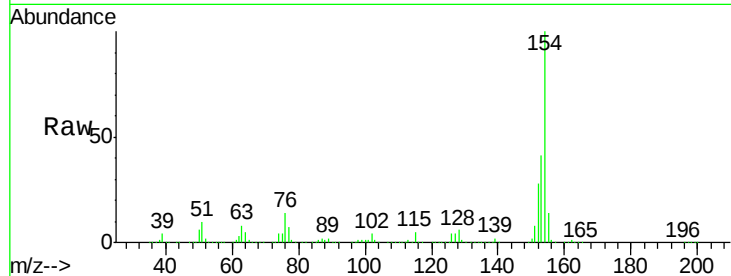
76 13.9 0.0 36.6

Manual Integrations

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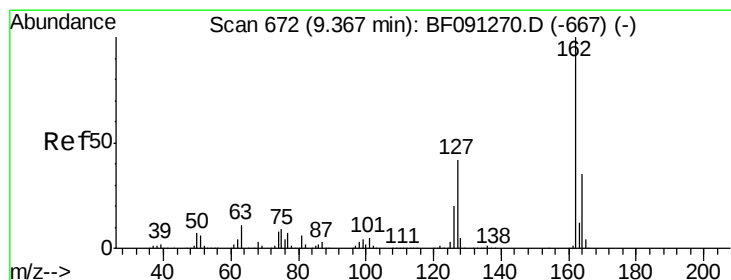
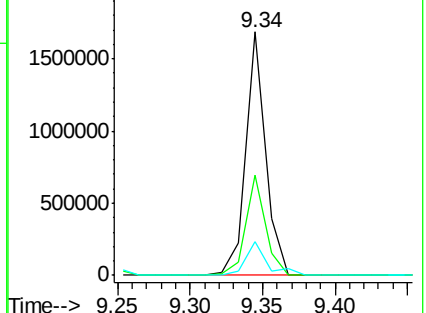
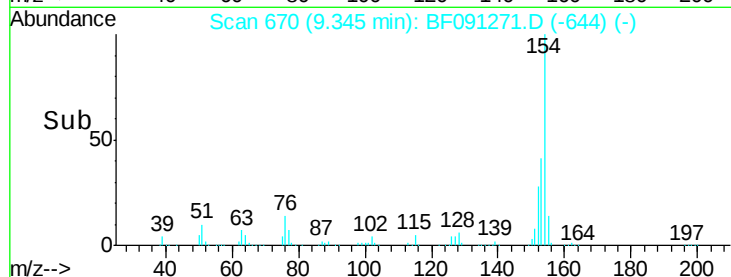
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.75 ng

RT: 9.37 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

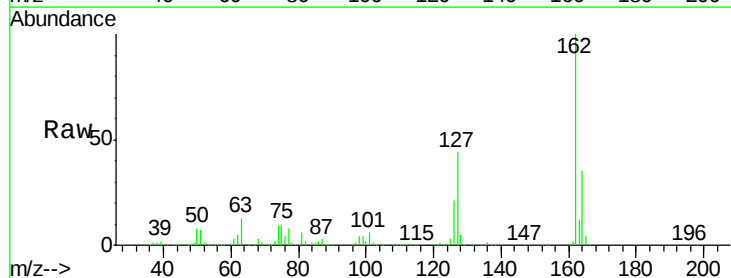
Tgt Ion:162 Resp: 1195838

Ion Ratio Lower Upper

162 100

127 44.0 34.3 51.5

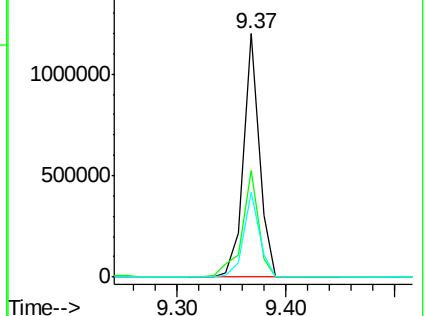
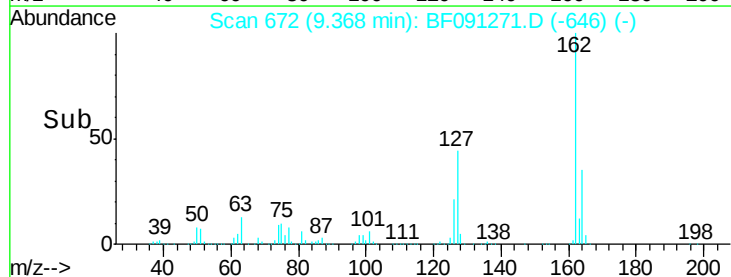
164 34.7 26.6 40.0

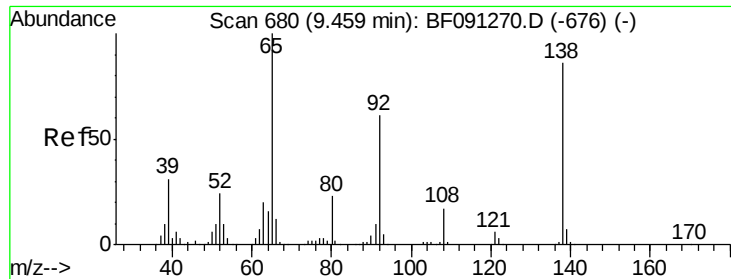


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





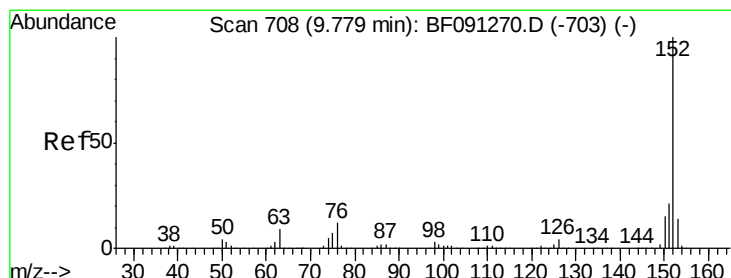
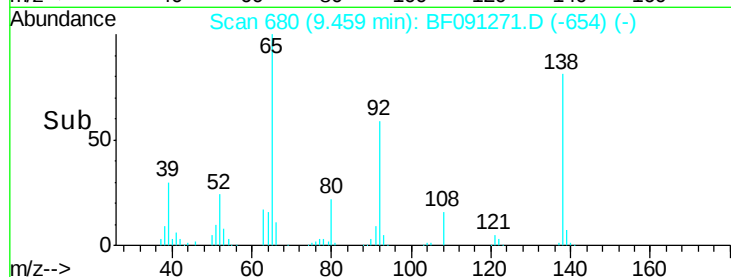
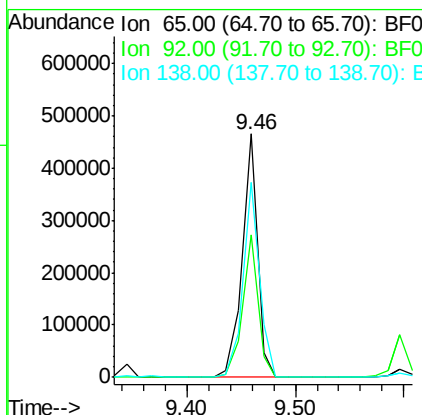
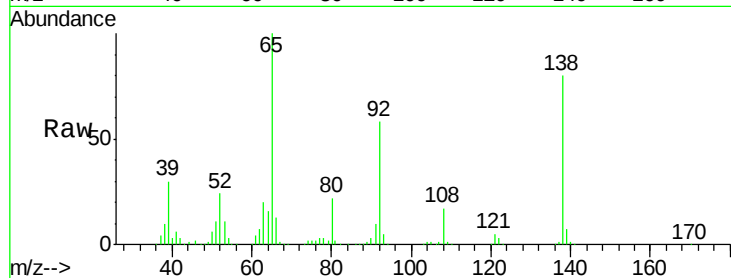
#47
2-Nitroaniline
Concen: 41.28 ng
RT: 9.46 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.3	53.6	80.4
138	80.2	91.0	136.6

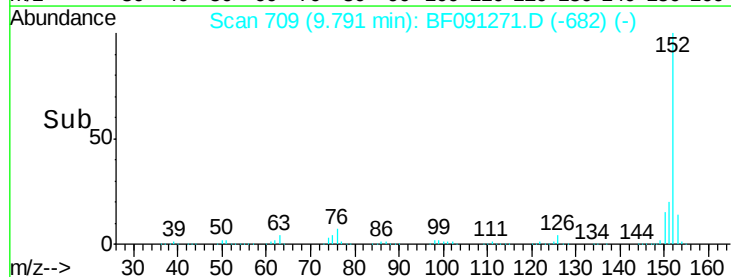
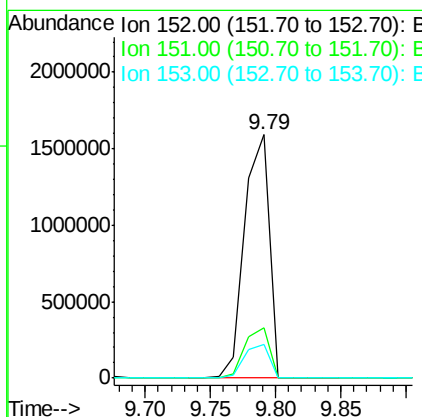
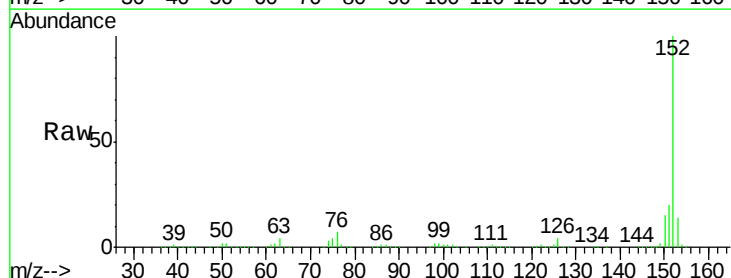
Manual Integrations
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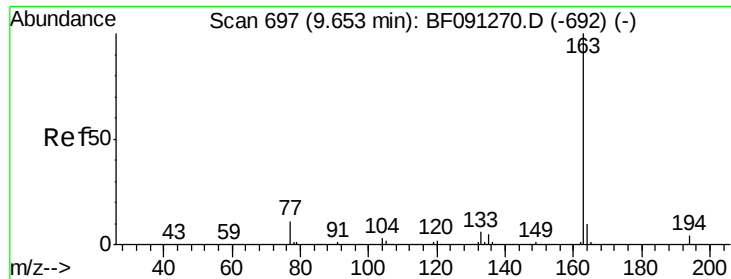
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#48
Acenaphthylene
Concen: 47.38 ng
RT: 9.79 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	24.8
153	13.7	10.7	16.1





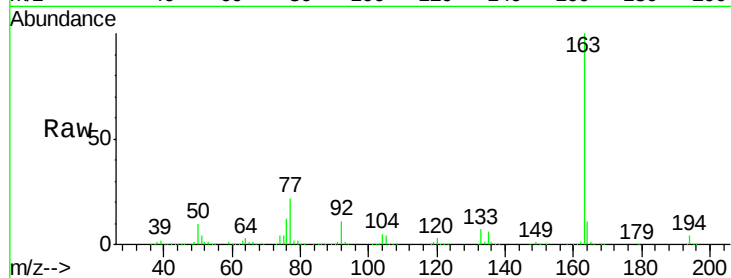
#49
Dimethylphthalate
Concen: 44.41 ng
RT: 9.65 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

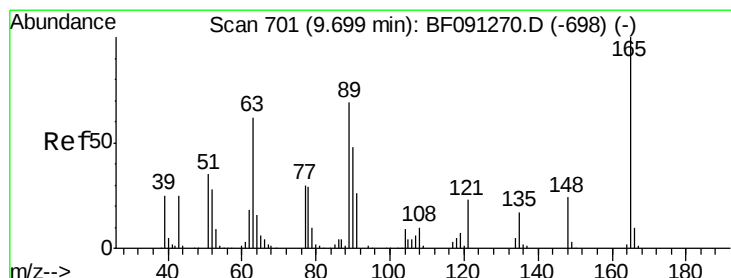
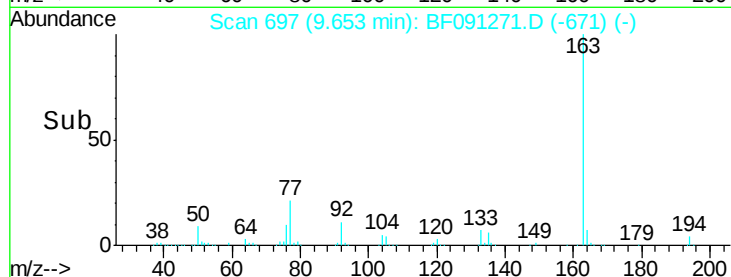
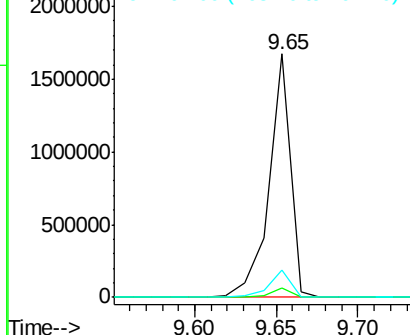
Tgt Ion:163 Resp: 1532384
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 11.1 7.8 11.8

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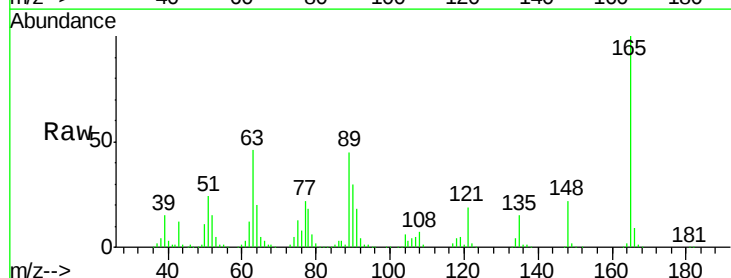


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

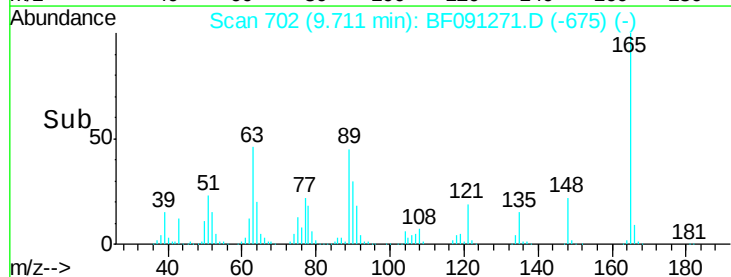
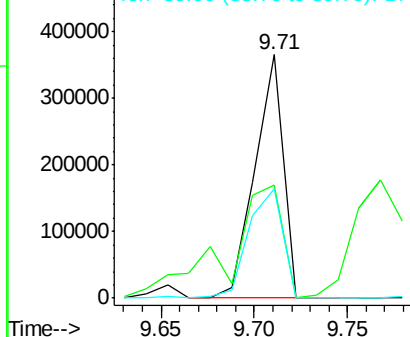


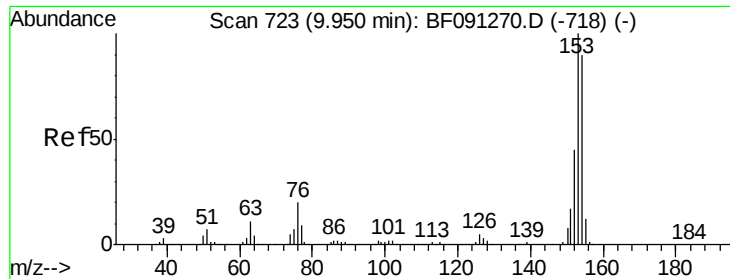
#50
2,6-Dinitrotoluene
Concen: 51.65 ng
RT: 9.71 min Scan# 702
Delta R.T. 0.01 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion:165 Resp: 382095
Ion Ratio Lower Upper
165 100
63 46.4 59.4 89.0#
89 45.0 50.8 76.2#



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





#51

Acenaphthene

Concen: 53.33 ng

RT: 9.96 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:154 Resp: 1460415

Ion Ratio Lower Upper

154 100

153 110.7 91.0 136.6

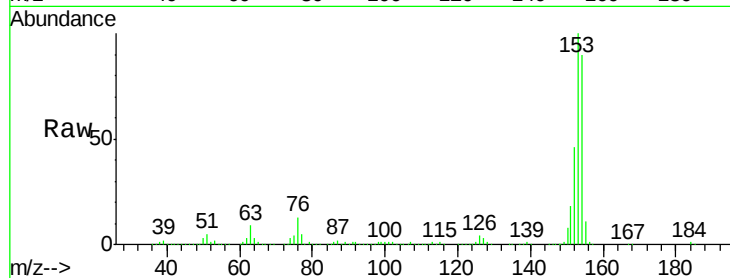
152 50.9 44.2 66.2

Manual Integrations

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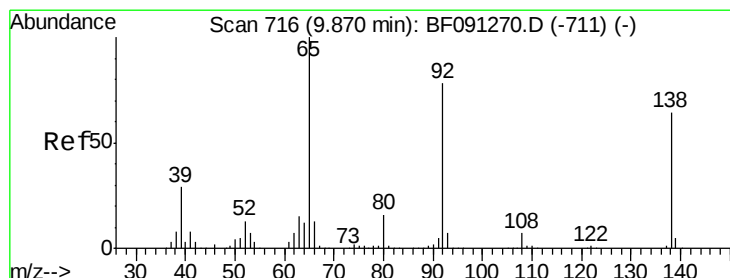
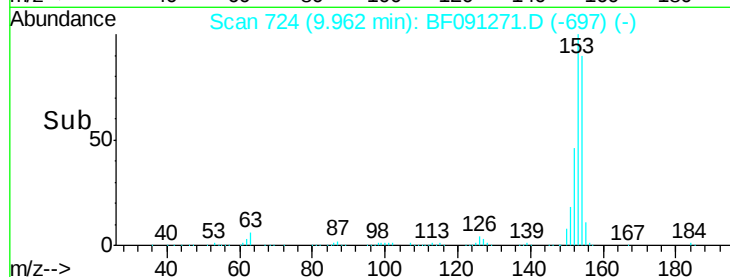
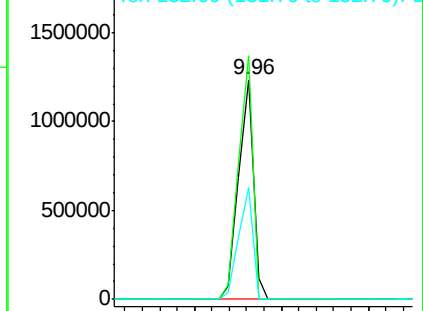
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.33 ng

RT: 9.87 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

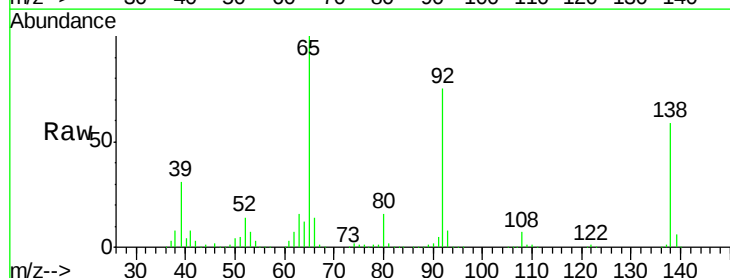
Tgt Ion:138 Resp: 357524

Ion Ratio Lower Upper

138 100

108 11.3 8.1 12.1

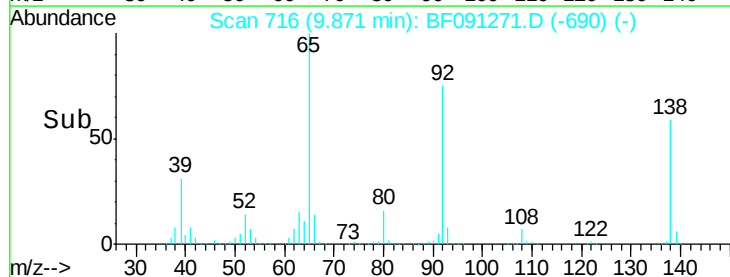
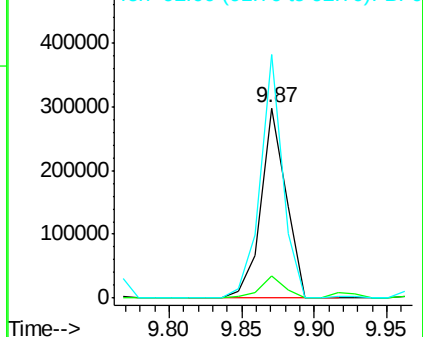
92 128.1 92.5 138.7

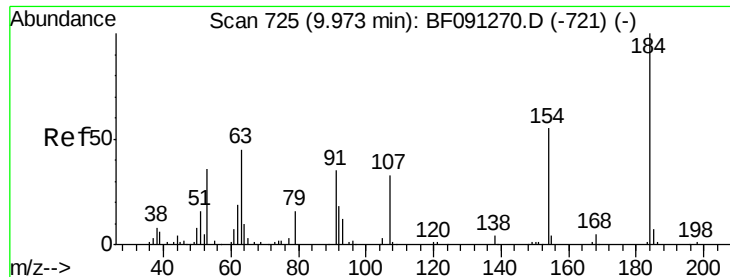


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





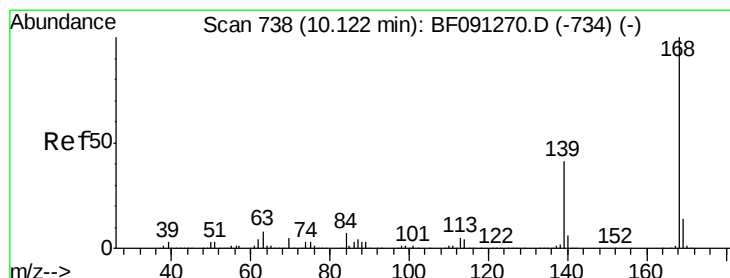
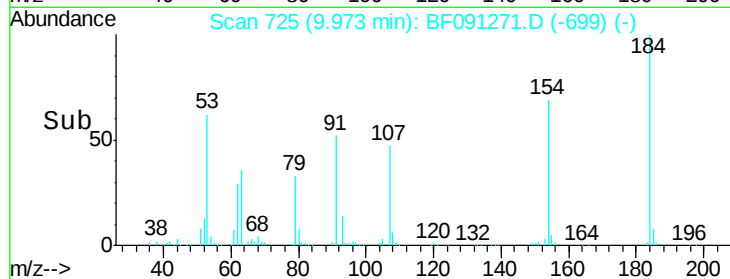
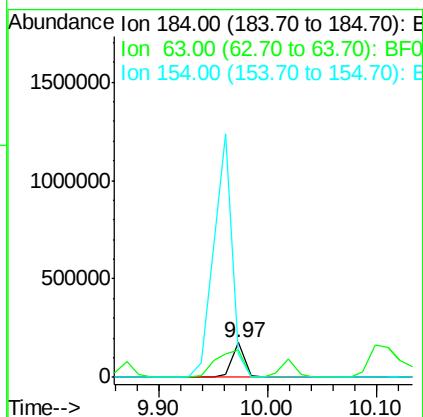
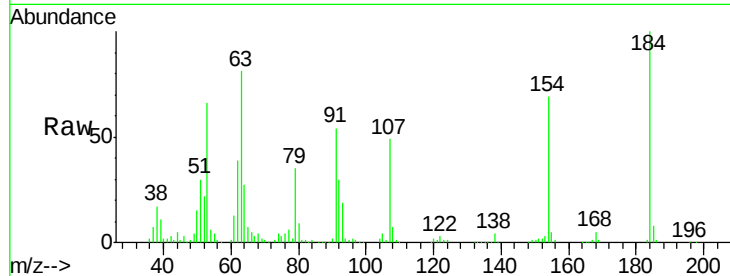
#53
2,4-Dinitrophenol
Concen: 34.95 ng
RT: 9.97 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	141636		
63	80.5	58.3	87.5	
154	68.9	48.6	73.0	

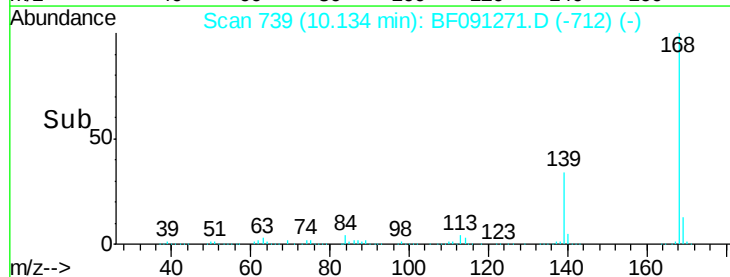
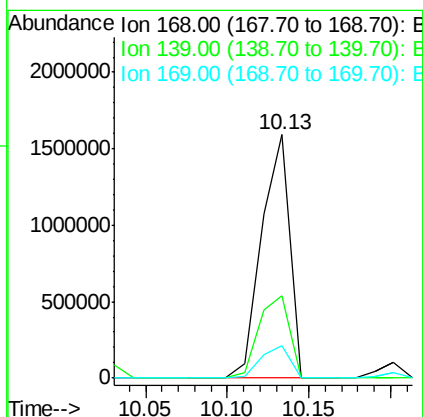
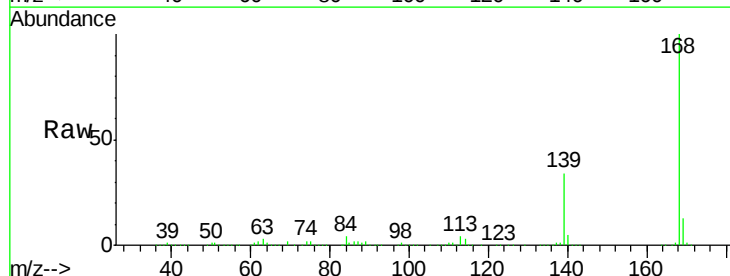
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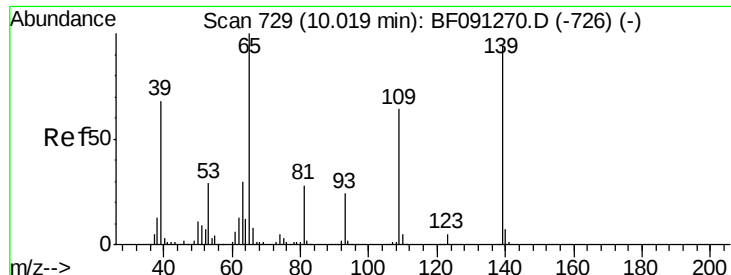
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#54
Dibenzofuran
Concen: 49.75 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1897736		
139	33.6	33.4	50.2	
169	13.3	11.1	16.7	





#55

4-Nitrophenol

Concen: 68.71 ng

RT: 10.02 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

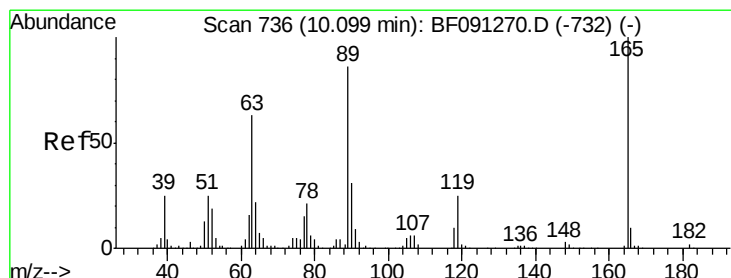
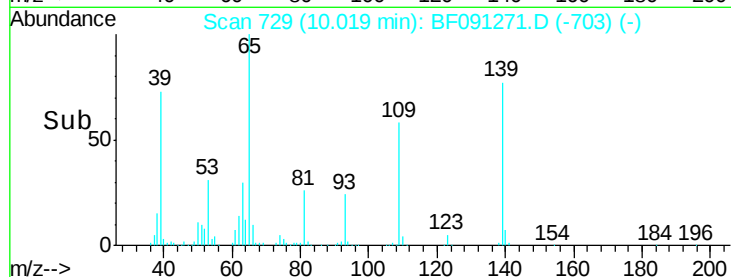
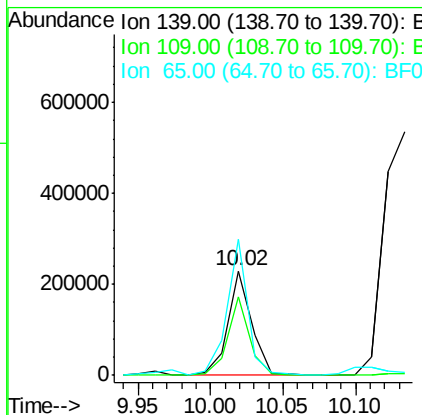
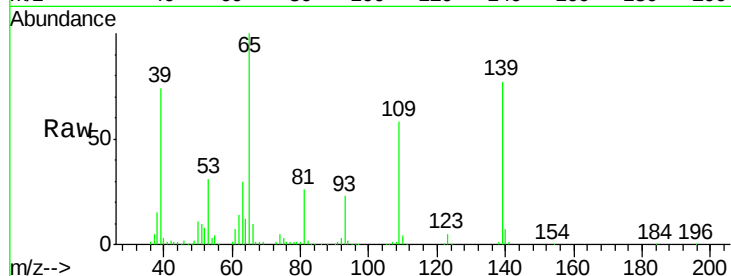
ClientSampleId :

SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	262115		
109	75.5	54.9	94.9	
65	130.2	102.2	142.2	

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 53.28 ng

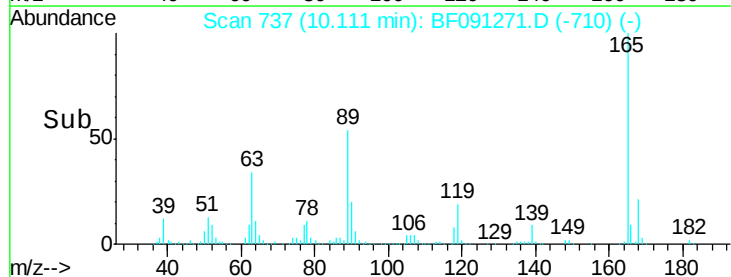
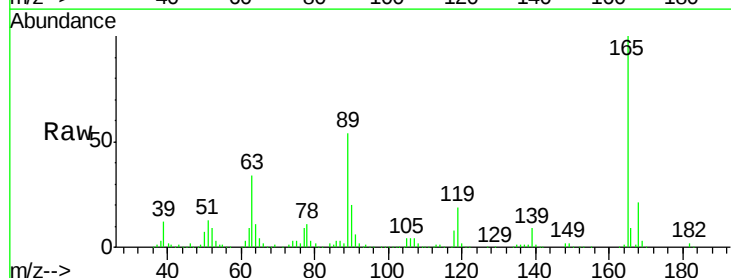
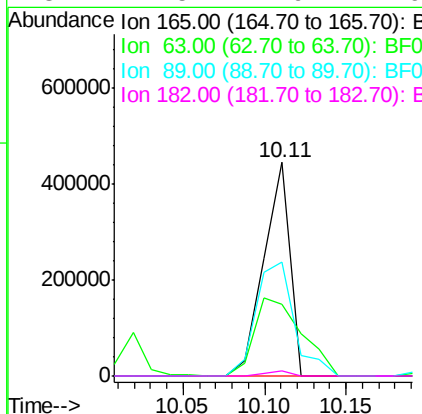
RT: 10.11 min Scan# 737

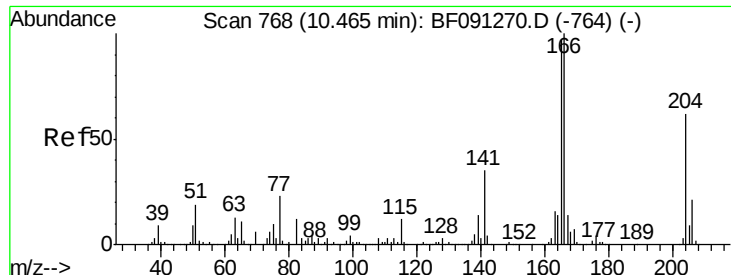
Delta R.T. 0.01 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	496279		
63	33.7	29.0	43.4	
89	53.6	43.1	64.7	
182	2.5	1.9	2.9	





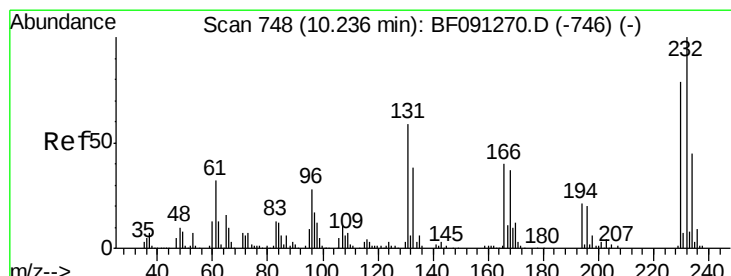
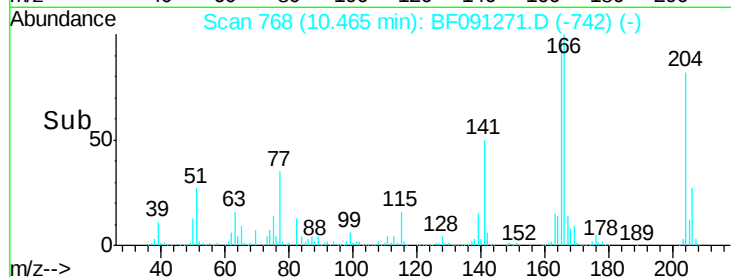
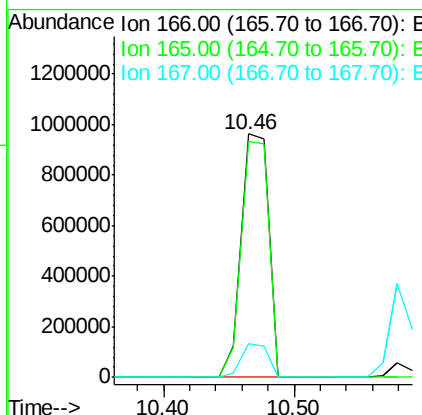
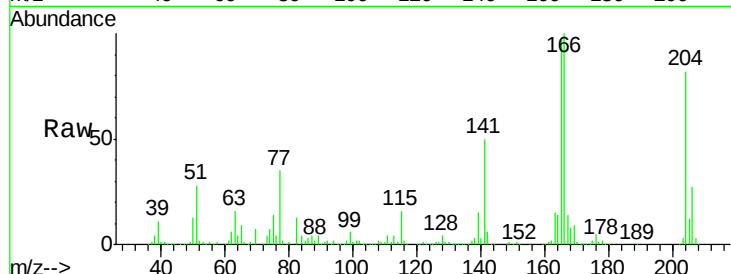
#57
Fluorene
 Concen: 45.24 ng
 RT: 10.46 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	80.0	120.0
167	14.1	10.8	16.2

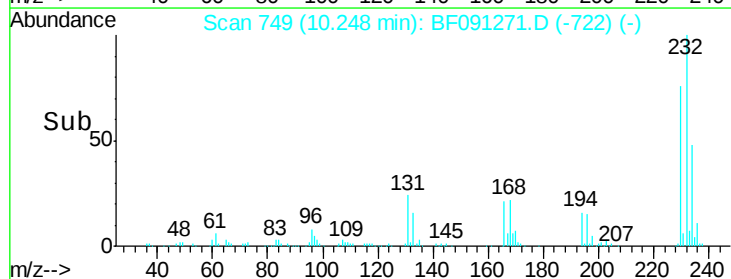
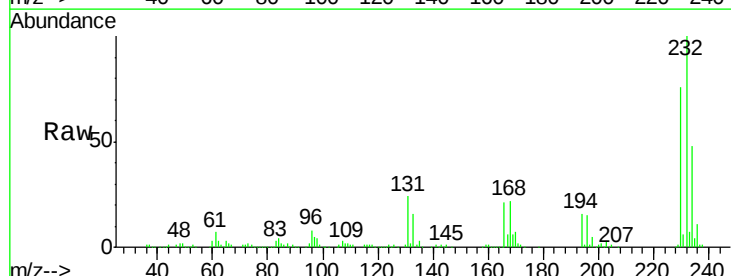
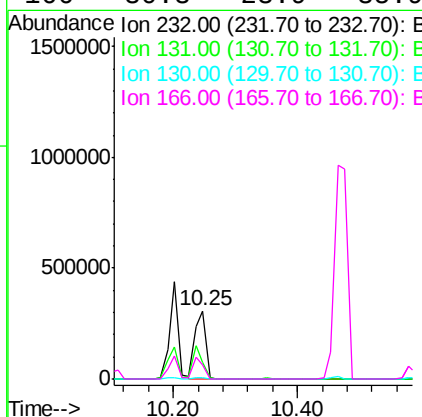
Manual Integrations
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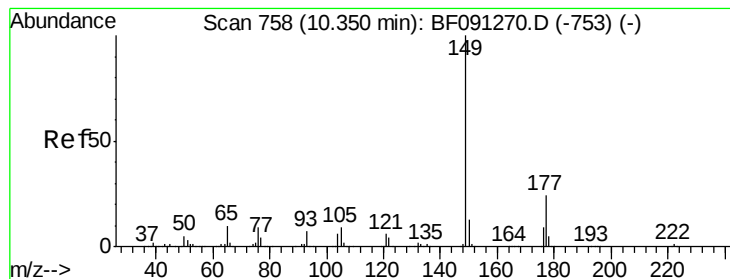
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.70 ng
 RT: 10.25 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.7	38.4	57.6
130	2.0	1.8	2.8
166	30.3	23.9	35.9





#59

Diethylphthalate

Concen: 45.40 ng

RT: 10.35 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:149 Resp: 1518895

Ion Ratio Lower Upper

149 100

177 23.3 15.7 23.5

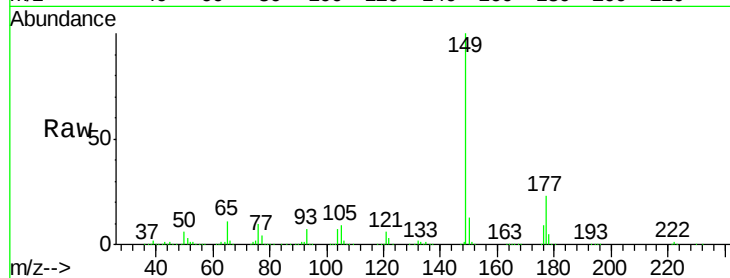
150 12.7 10.2 15.2

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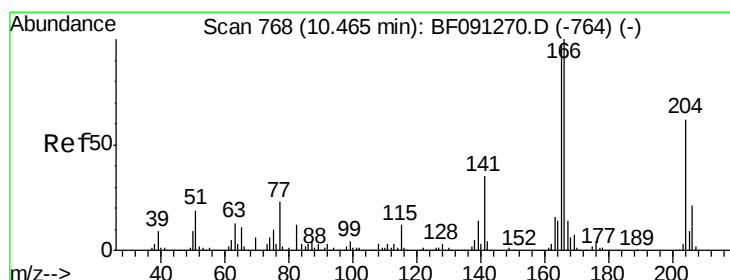
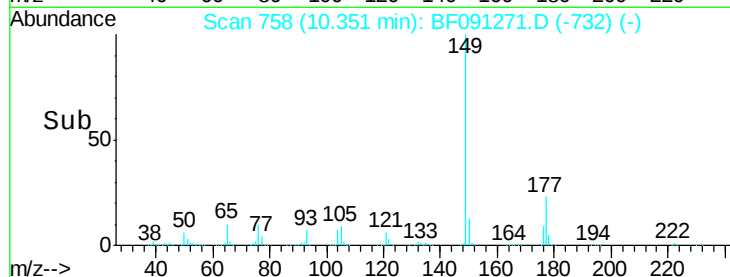
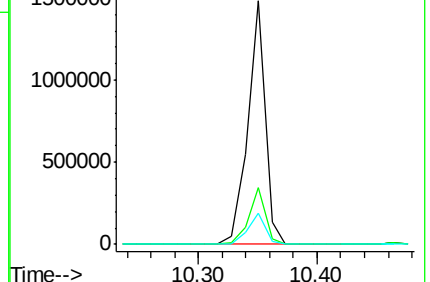
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.77 ng

RT: 10.46 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

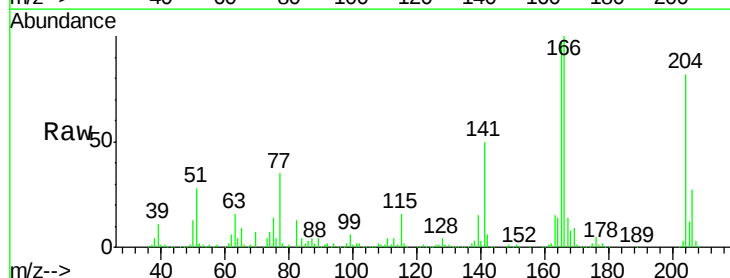
Tgt Ion:204 Resp: 663508

Ion Ratio Lower Upper

204 100

206 32.8 26.1 39.1

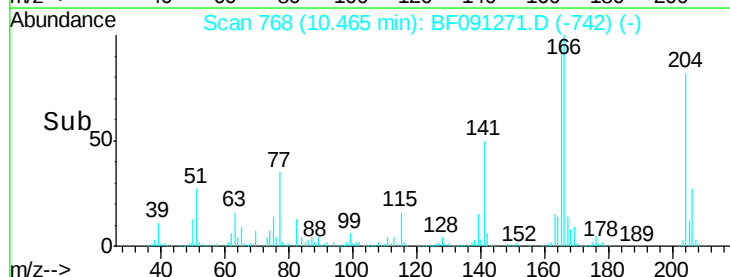
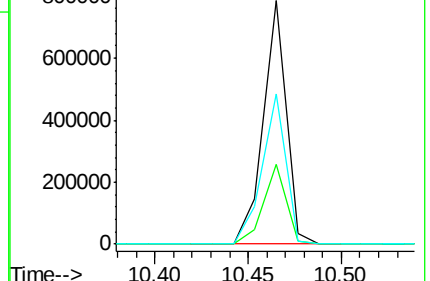
141 61.4 40.6 61.0#

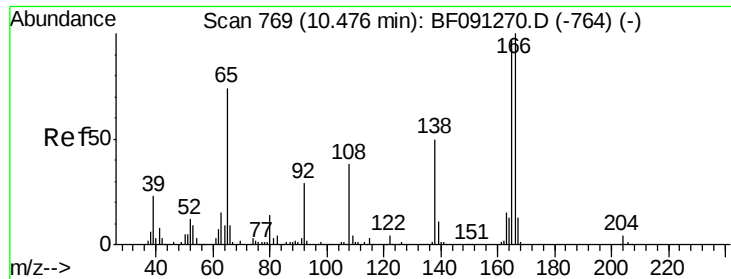


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





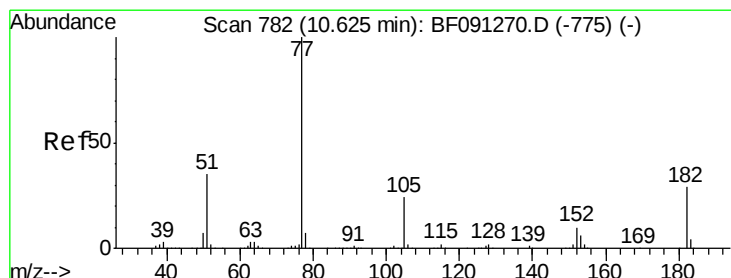
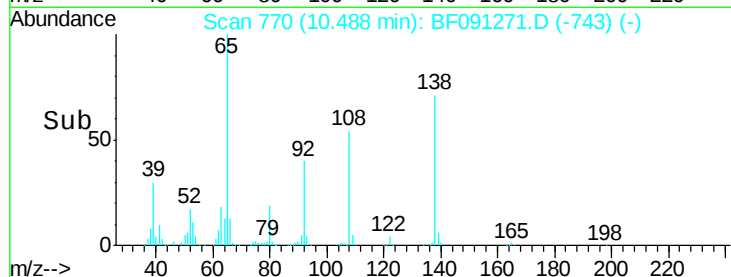
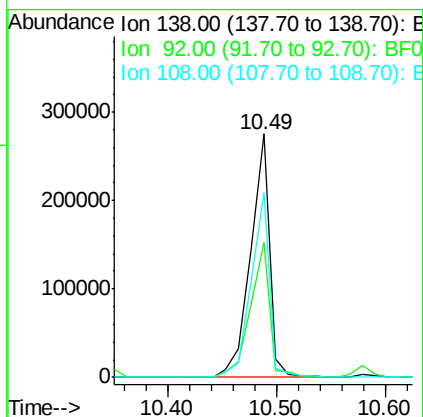
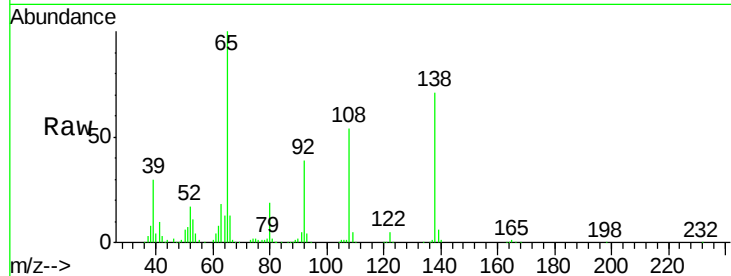
#61
4-Nitroaniline
Concen: 41.42 ng
RT: 10.49 min Scan# 770
Delta R.T. 0.01 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	336571		
92	55.6	26.9	66.9	
108	75.8	49.1	89.1	

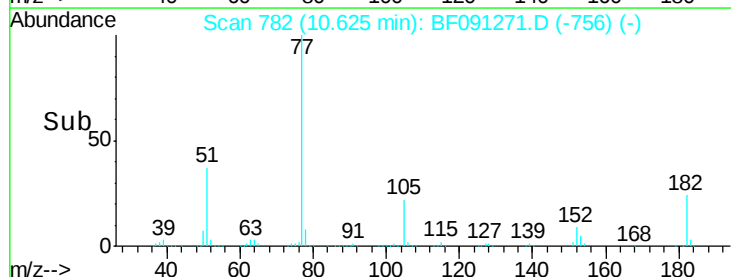
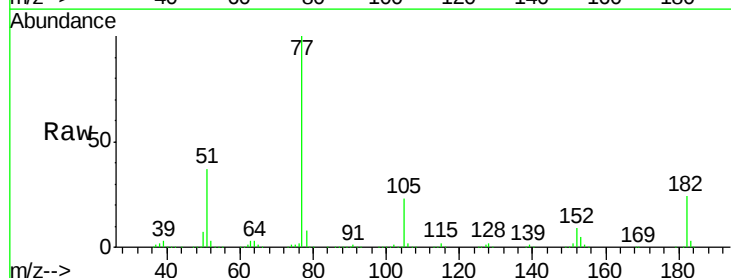
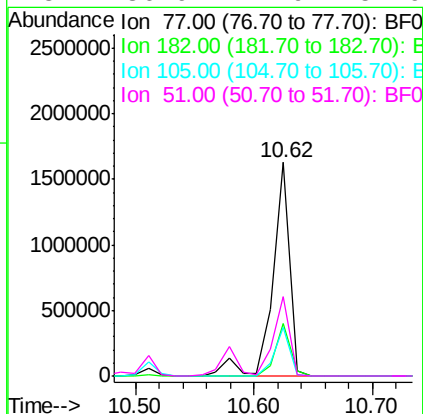
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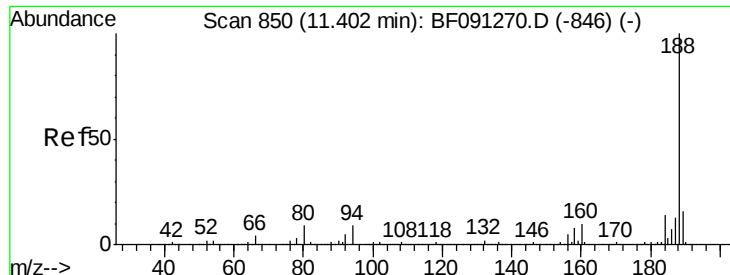
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#62
Azobenzene
Concen: 41.21 ng
RT: 10.62 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1639413		
182	24.4	12.5	52.5	
105	22.8	3.7	43.7	
51	36.9	11.9	51.9	





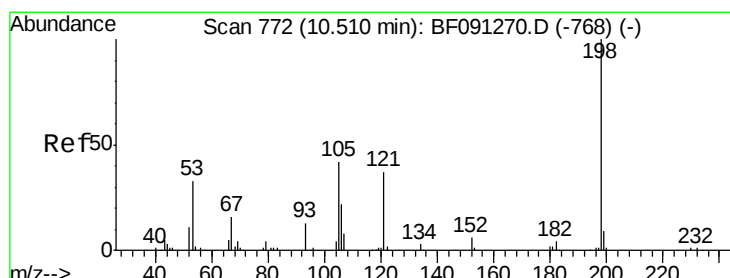
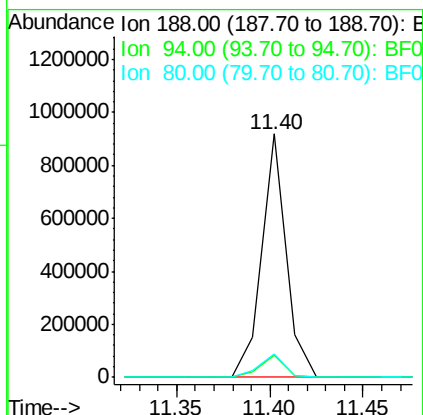
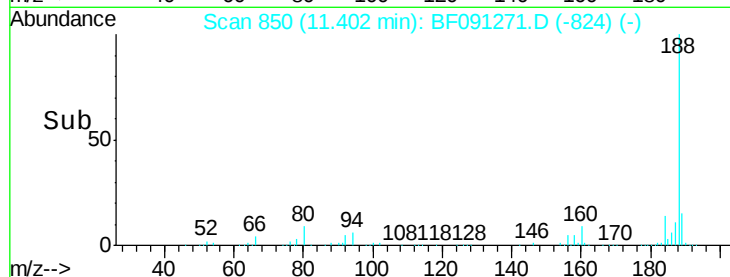
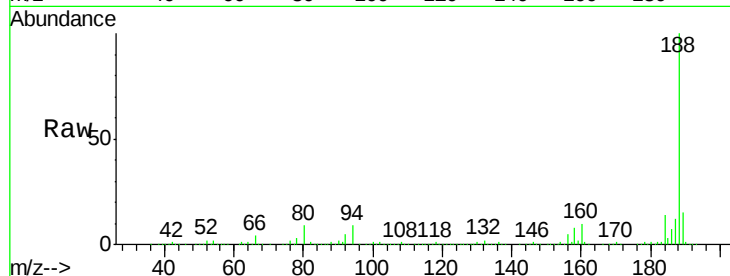
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.9	9.2	13.8#
80	9.4	10.5	15.7#

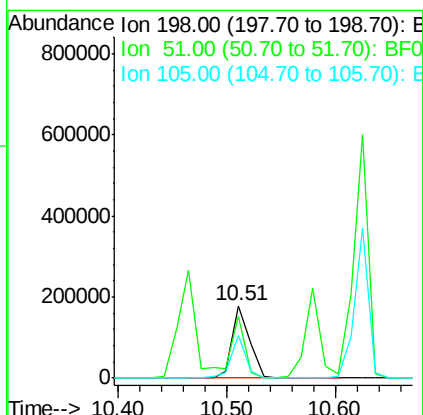
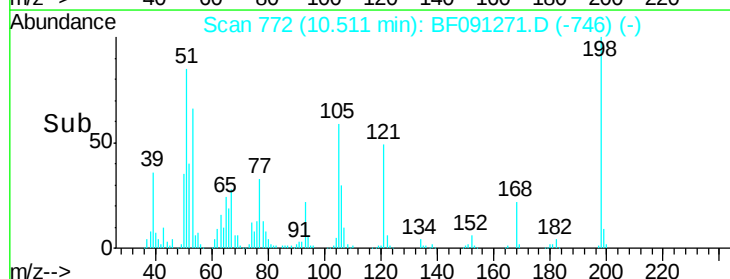
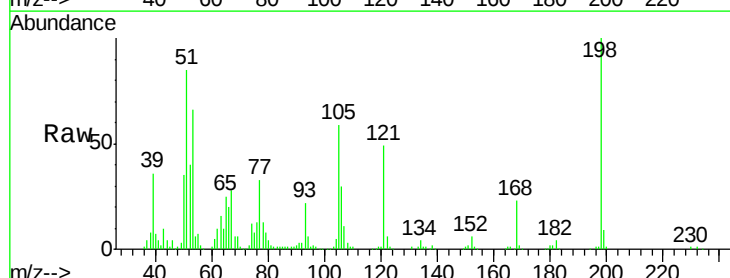
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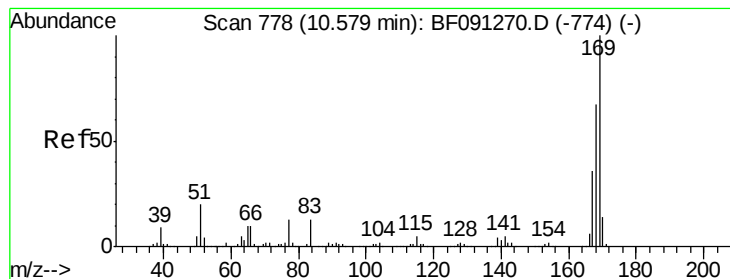
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.94 ng
RT: 10.51 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	85.2	77.1	117.1
105	59.0	44.8	84.8





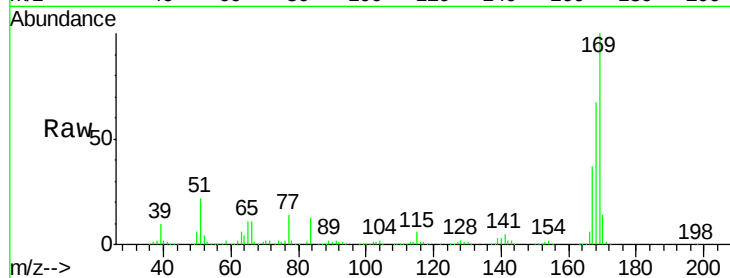
#65
n-Nitrosodiphenylamine
Concen: 45.66 ng
RT: 10.58 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

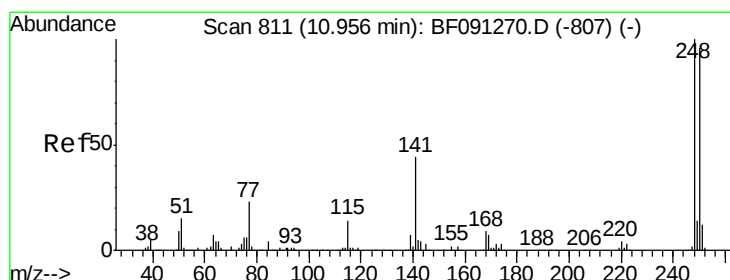
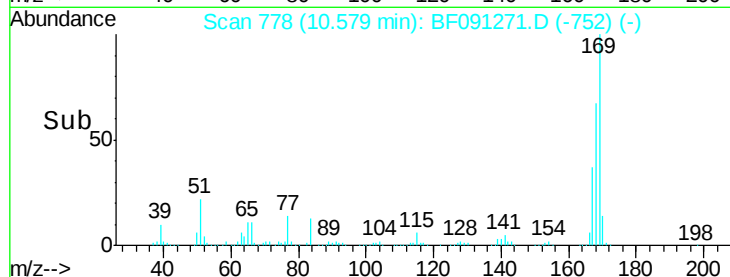
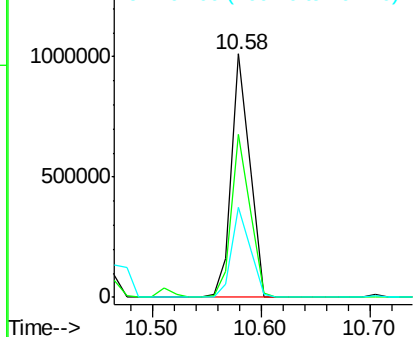
Tgt Ion:169 Resp: 1168373
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.8
167 36.9 29.8 44.8

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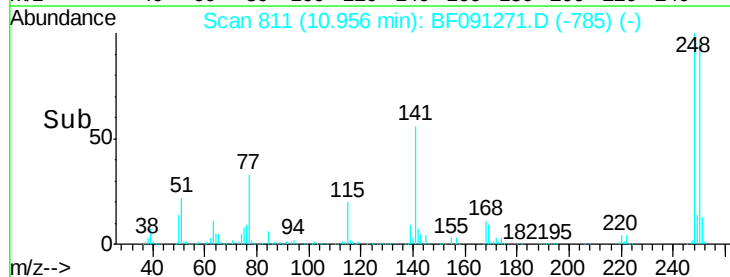
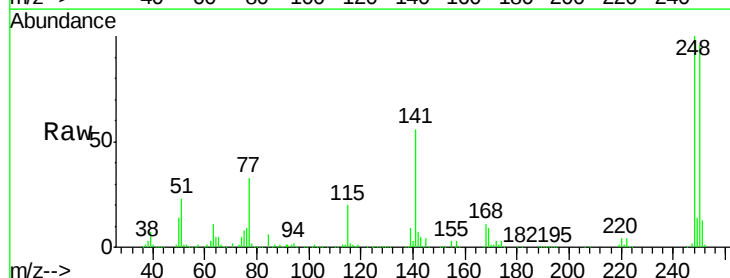
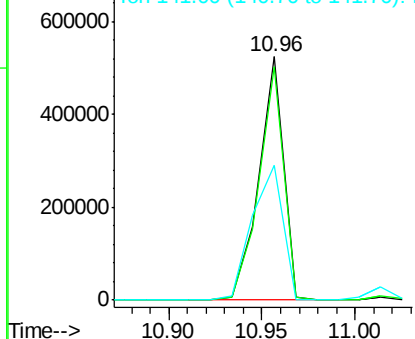
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

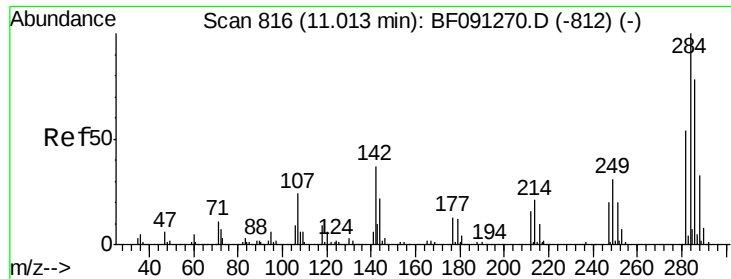


#66
4-Bromophenyl-phenylether
Concen: 53.70 ng
RT: 10.96 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion:248 Resp: 476659
Ion Ratio Lower Upper
248 100
250 96.1 78.2 117.4
141 55.6 71.9 107.9#

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





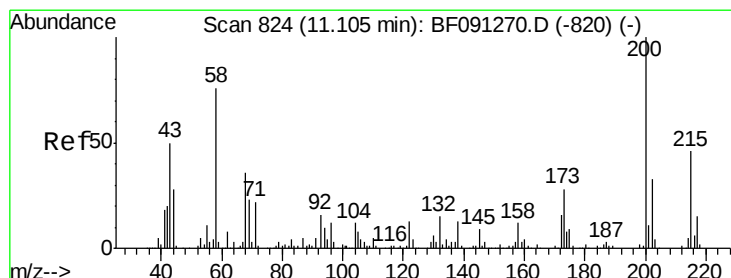
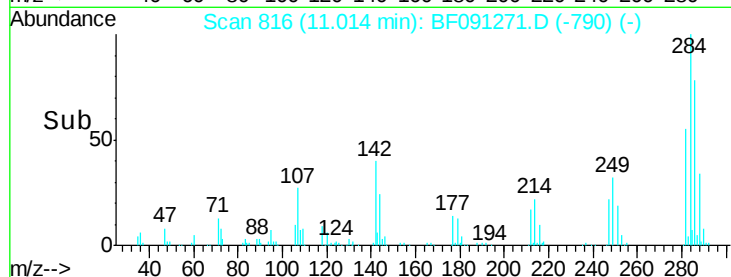
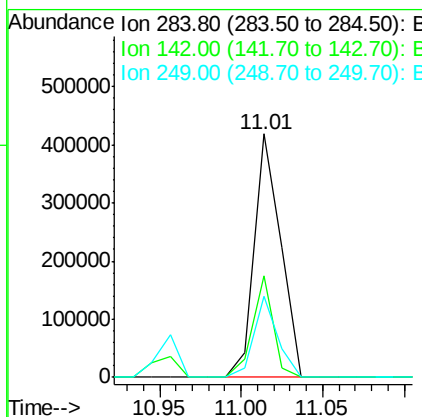
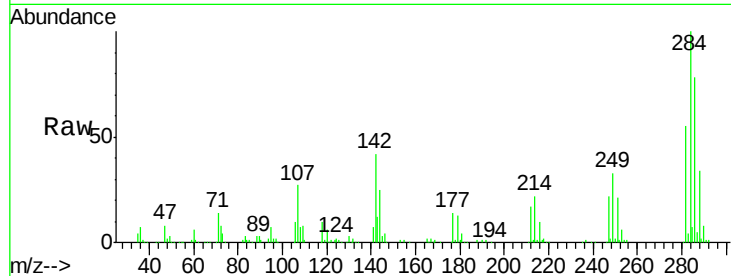
#67
Hexachlorobenzene
Concen: 48.54 ng
RT: 11.01 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	470165		
142	41.7	17.9	26.9#	
249	33.2	23.6	35.4	

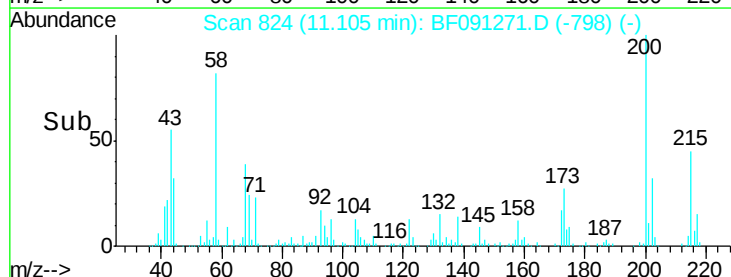
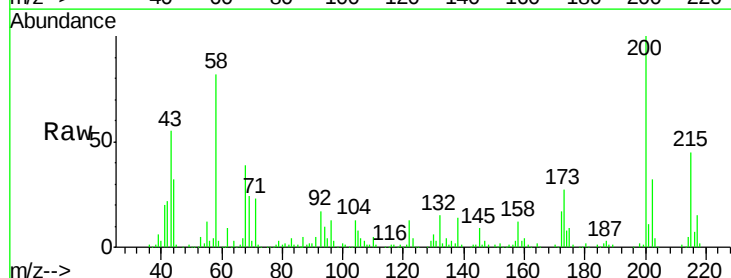
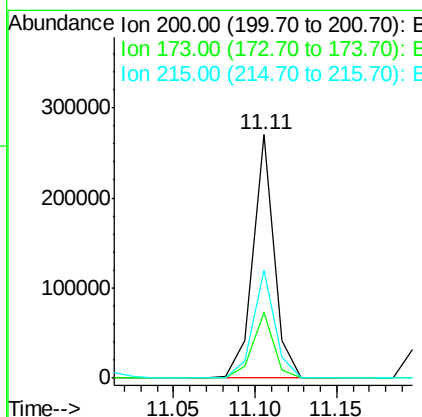
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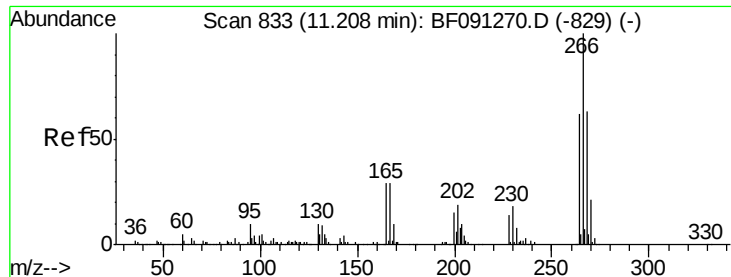
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#68
Atrazine
Concen: 29.11 ng
RT: 11.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	244669		
173	27.1	7.8	47.8	
215	44.6	24.3	64.3	





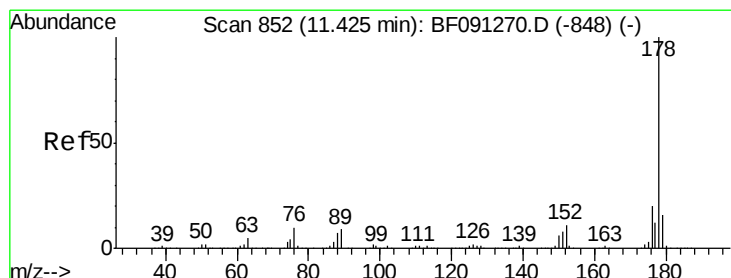
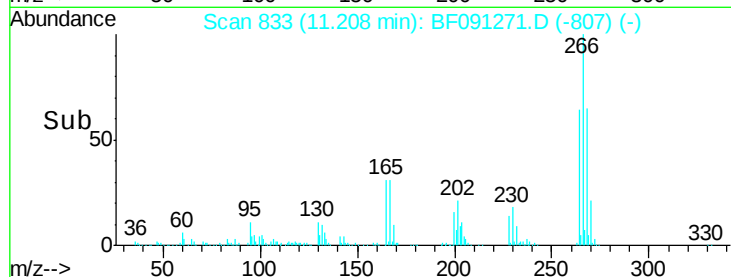
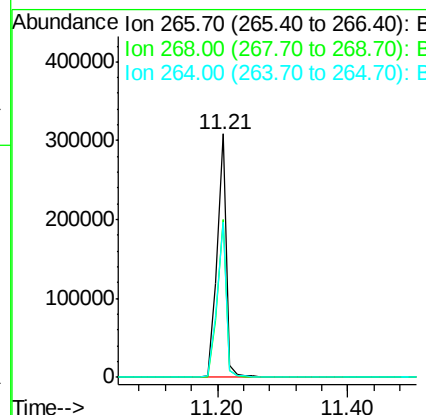
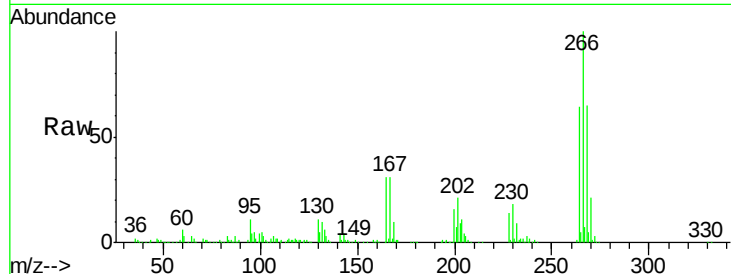
#69
 Pentachlorophenol
 Concen: 81.81 ng
 RT: 11.21 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	50.3	75.5
264	64.0	48.2	72.2

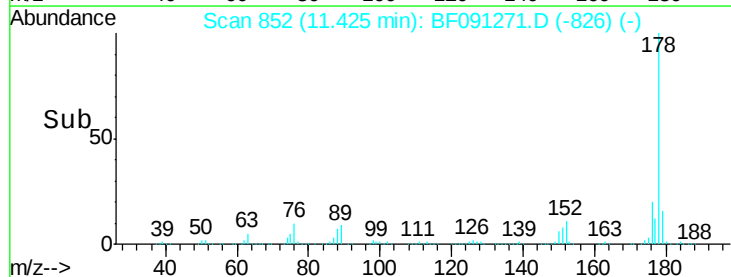
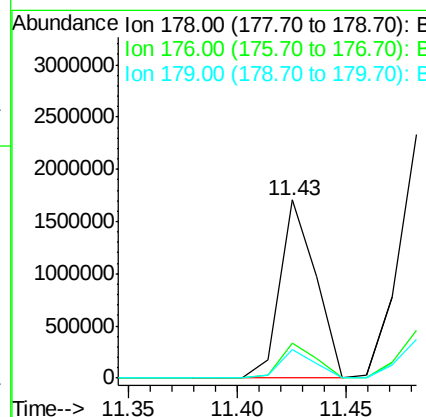
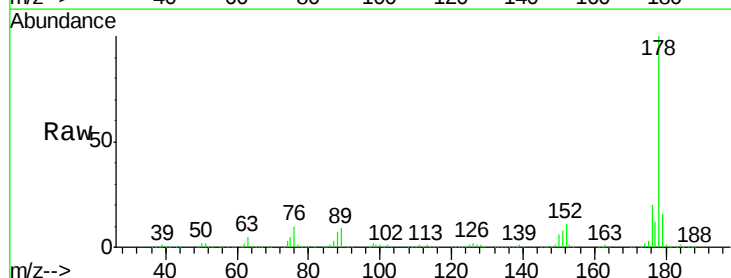
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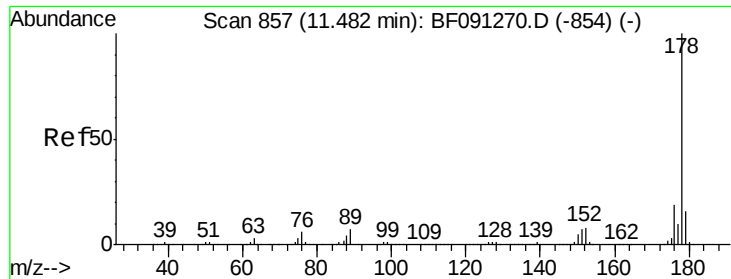
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#70
 Phenanthrene
 Concen: 44.02 ng
 RT: 11.43 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	16.1	12.6	18.8





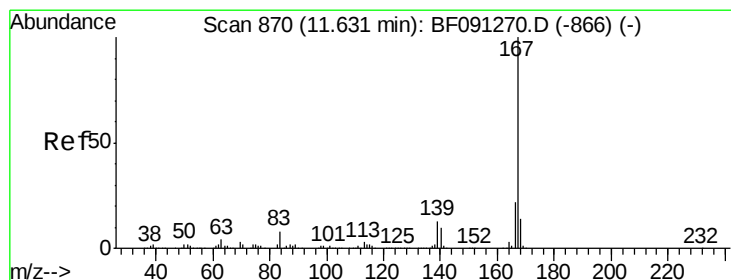
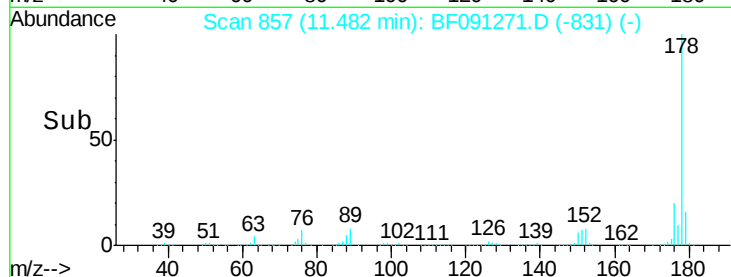
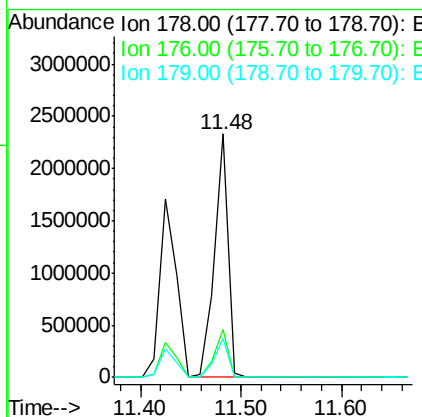
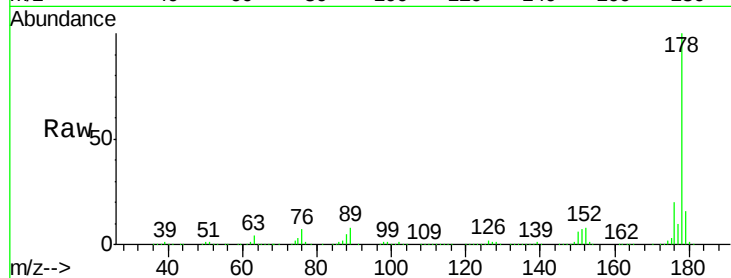
#71
 Anthracene
 Concen: 49.27 ng
 RT: 11.48 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:178 Resp: 2191749
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.6
 179 16.0 12.7 19.1

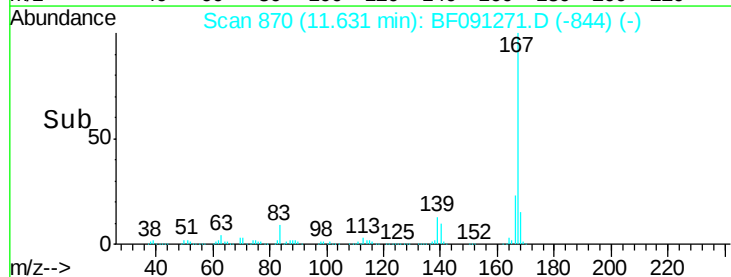
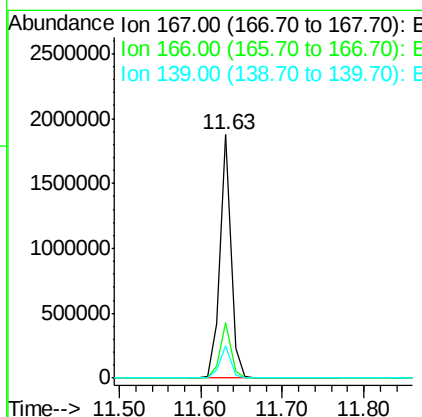
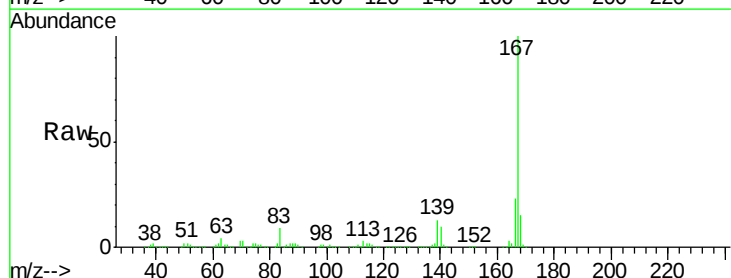
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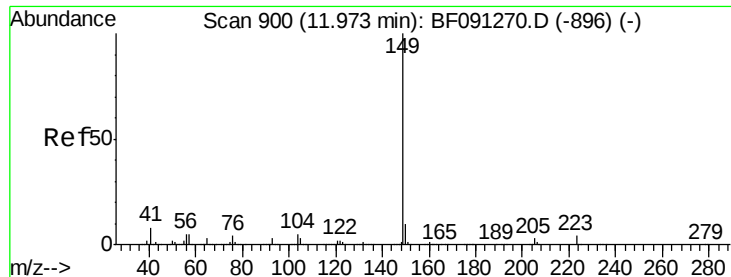
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#72
 Carbazole
 Concen: 43.32 ng
 RT: 11.63 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Tgt Ion:167 Resp: 1765473
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 13.4 11.5 17.3





#73

Di-n-butylphthalate

Concen: 47.25 ng

RT: 11.97 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

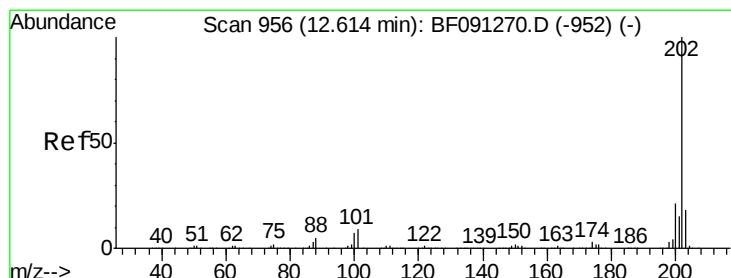
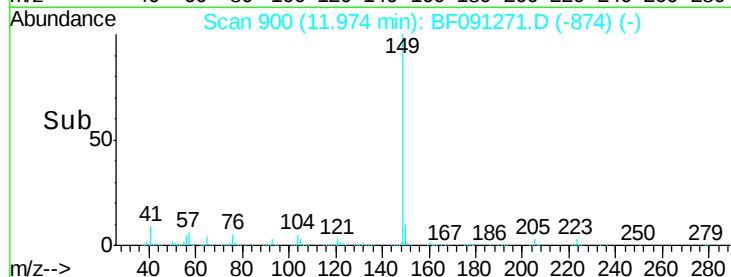
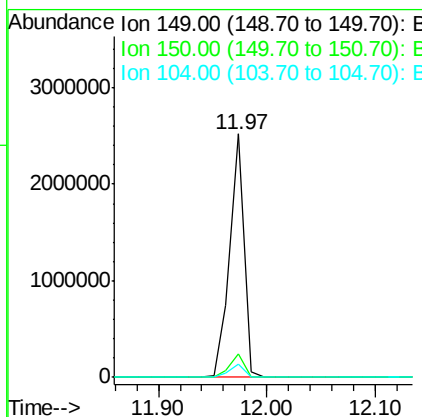
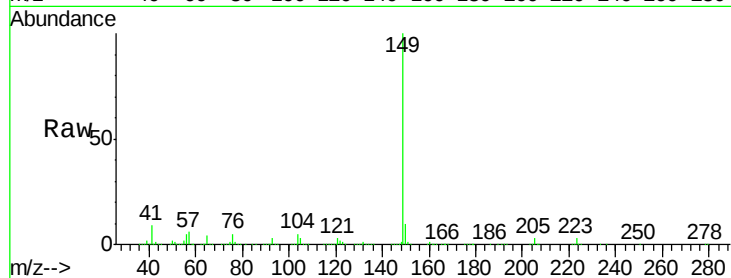
ClientSampleId :

SSTDIC050

Tgt Ion:	149	Resp:	2291312
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.5	11.3
104	5.2	4.0	6.0

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#74

Fluoranthene

Concen: 43.49 ng

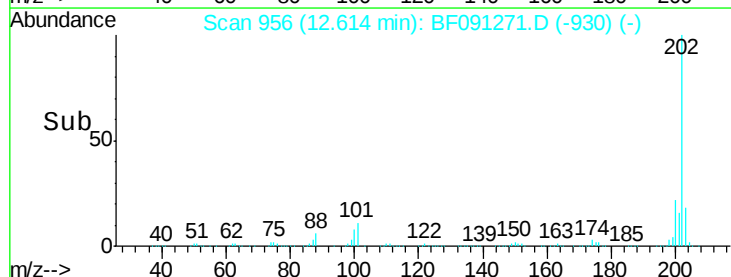
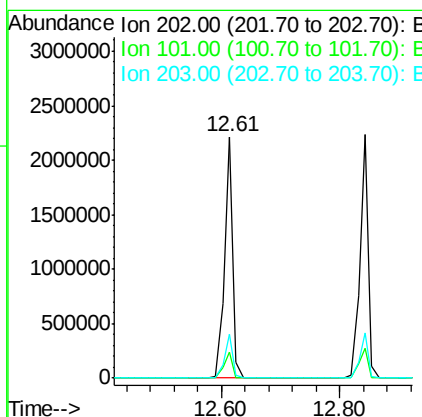
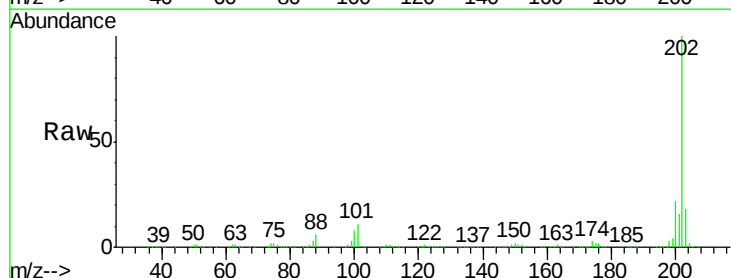
RT: 12.61 min Scan# 956

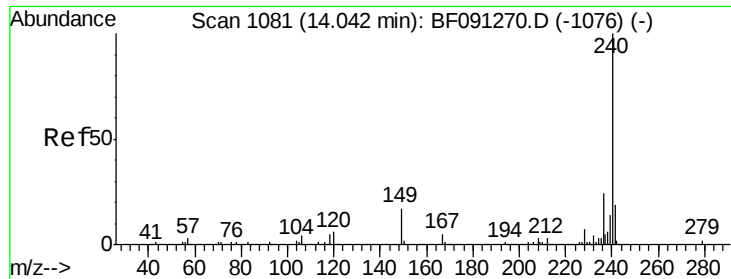
Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Tgt Ion:	202	Resp:	2114243
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	29.5
203	18.4	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:240 Resp: 624128

Ion Ratio Lower Upper

240 100

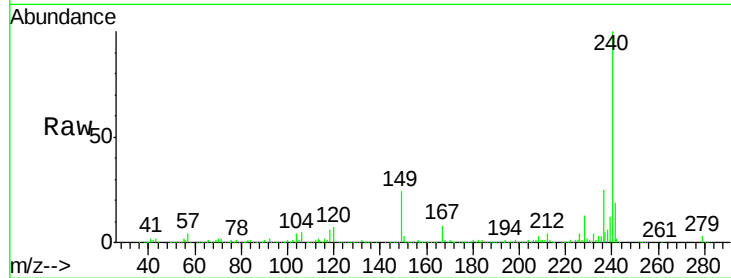
120 6.9 12.1 18.1#

236 24.6 21.0 31.6

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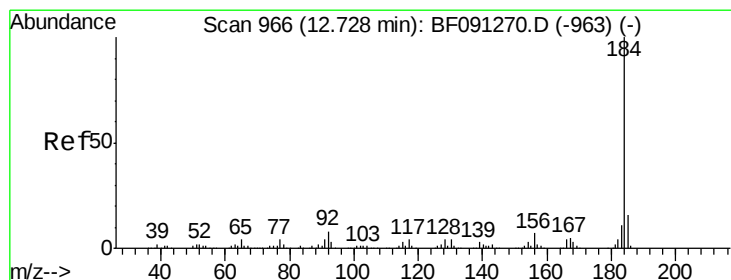
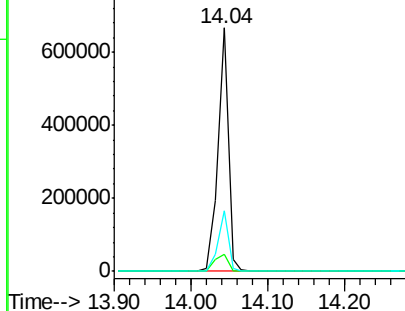
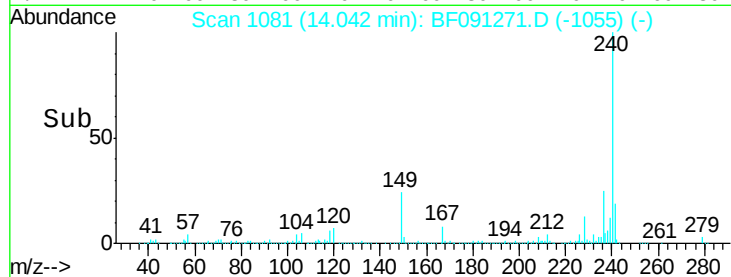
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.37 ng

RT: 12.73 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

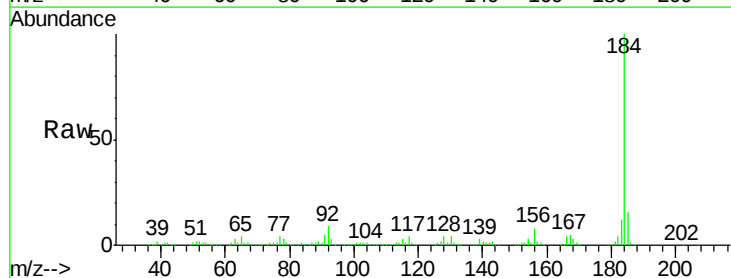
Tgt Ion:184 Resp: 579958

Ion Ratio Lower Upper

184 100

185 16.4 13.1 19.7

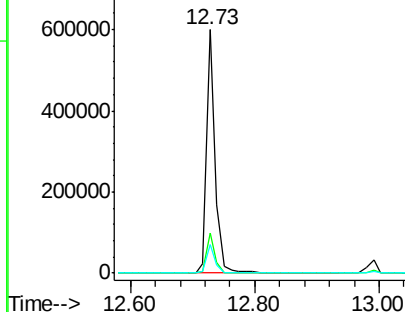
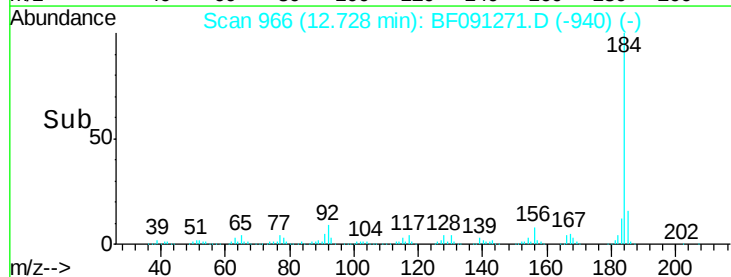
183 11.9 8.9 13.3

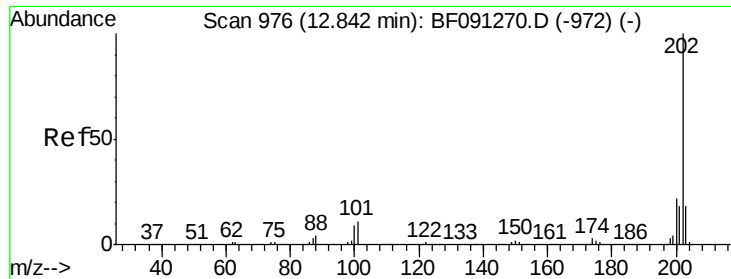


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





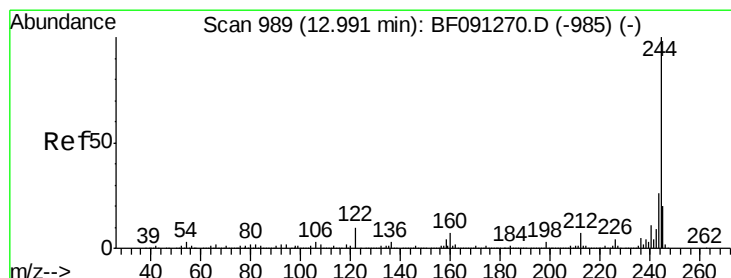
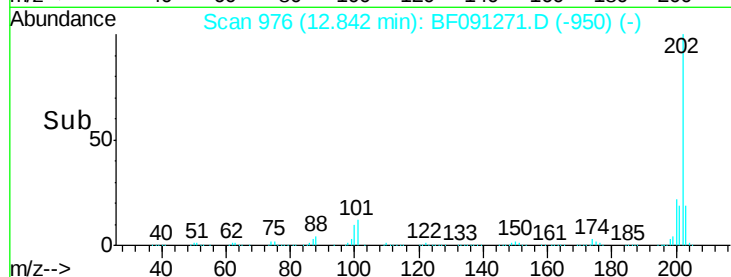
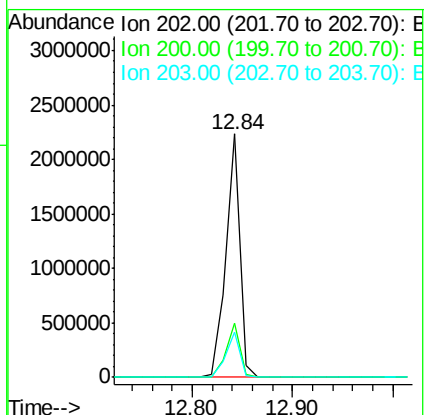
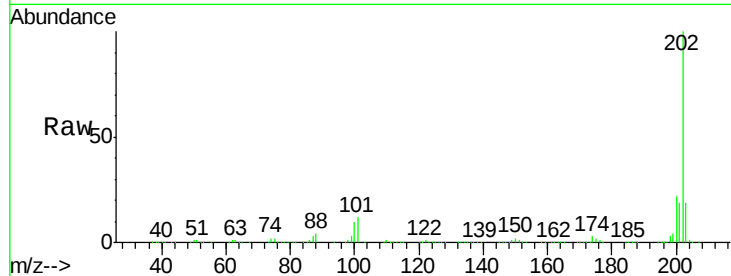
#77
 Pyrene
 Concen: 45.01 ng
 RT: 12.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.6	26.4
203	18.8	14.0	21.0

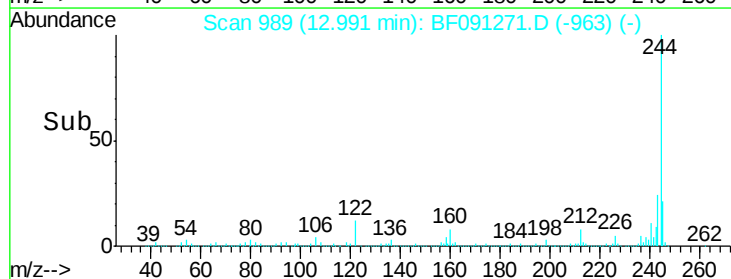
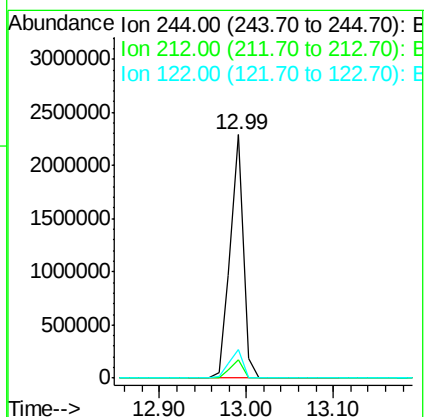
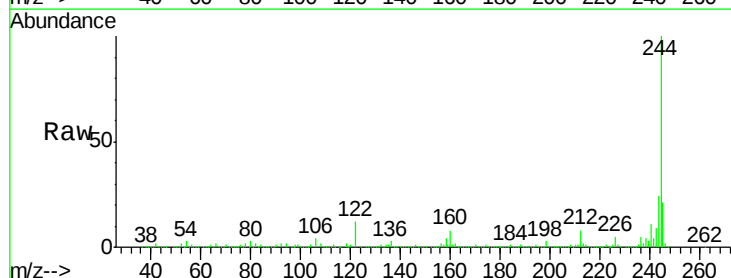
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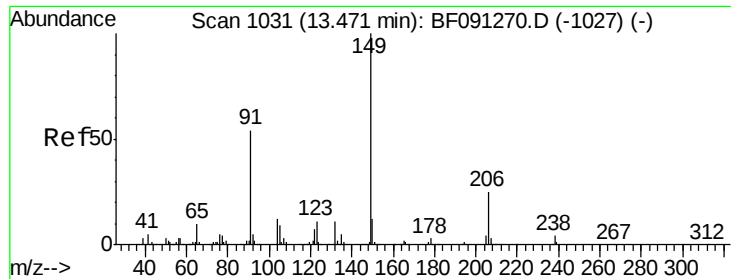
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#78
 Terphenyl-d14
 Concen: 87.46 ng
 RT: 12.99 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	11.8	9.5	14.3





#79

Butylbenzylphthalate

Concen: 46.55 ng

RT: 13.47 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:149 Resp: 935595
Ion Ratio Lower Upper

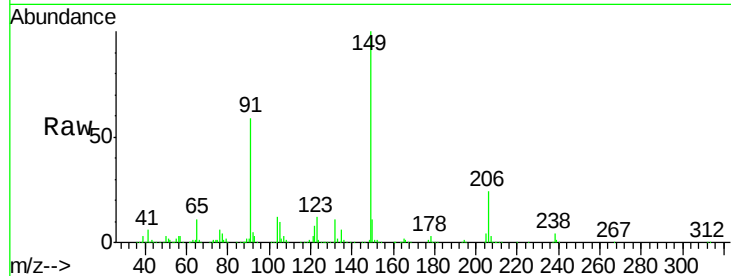
149 100

91 59.1 57.4 86.2

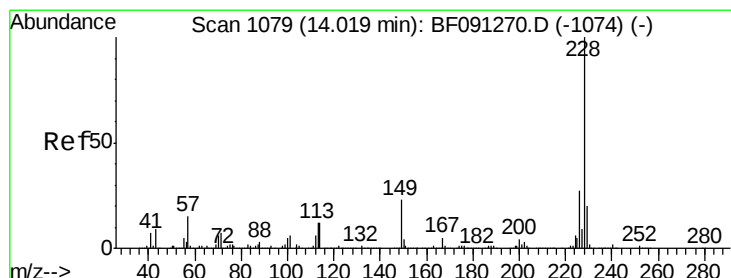
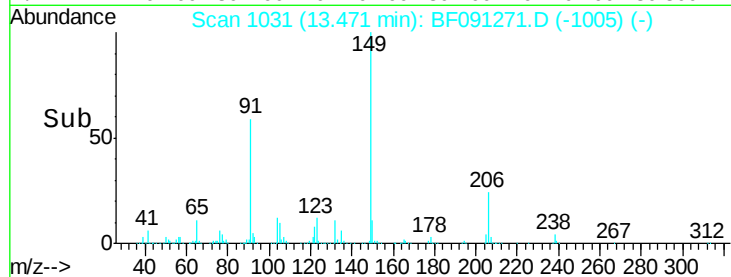
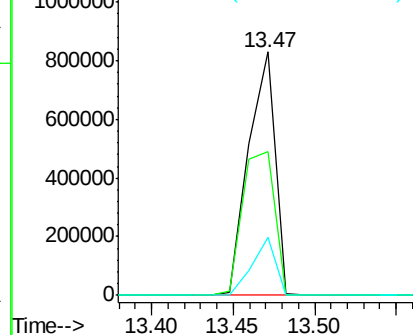
206 23.6 15.4 23.2#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.40 ng

RT: 14.03 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

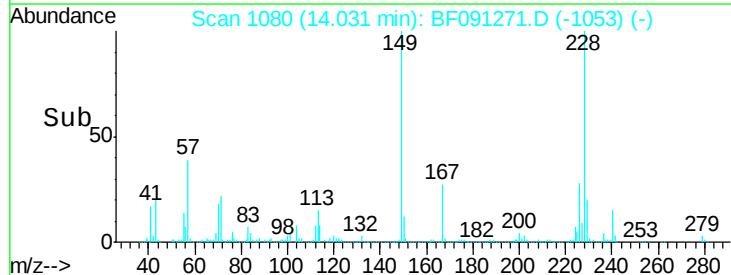
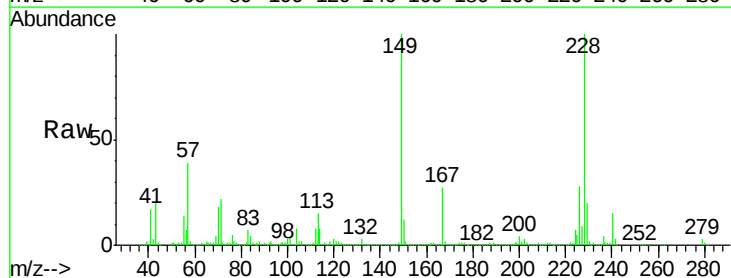
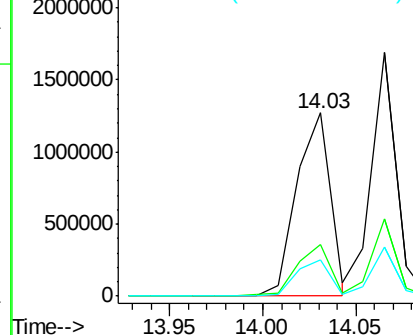
Tgt Ion:228 Resp: 1603212
Ion Ratio Lower Upper

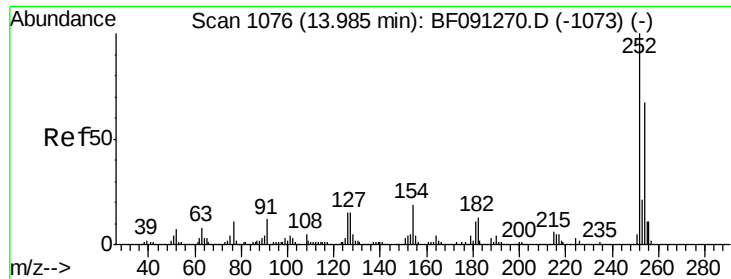
228 100

226 28.0 22.5 33.7

229 20.0 16.4 24.6

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





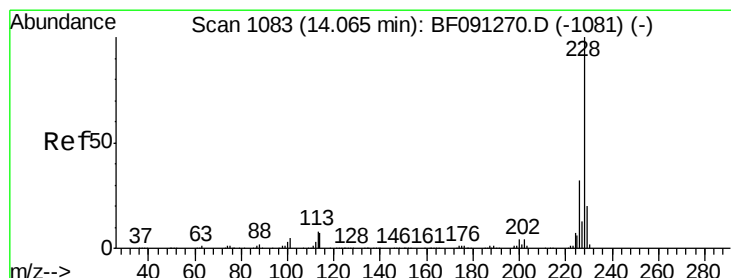
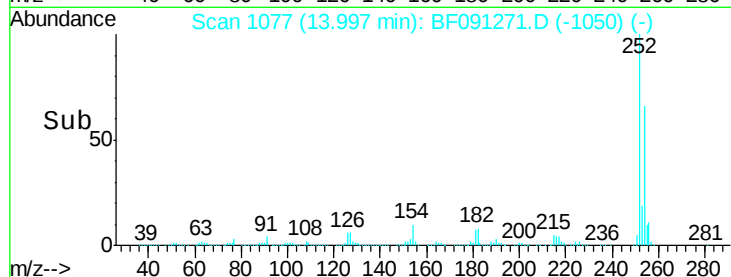
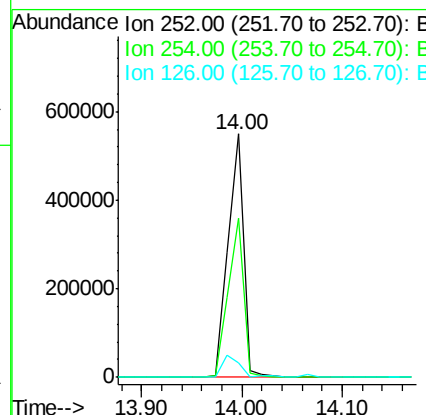
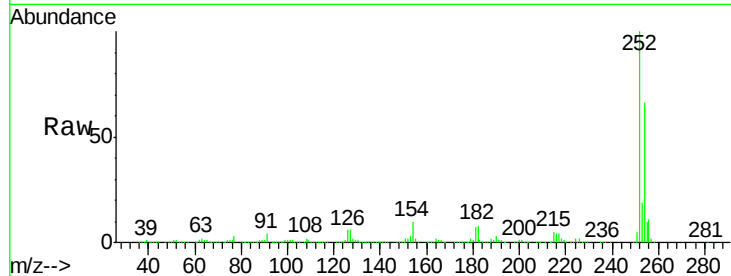
#81
 3,3'-Dichlorobenzidine
 Concen: 45.51 ng
 RT: 14.00 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.1	78.1
126	5.9	7.5	11.3

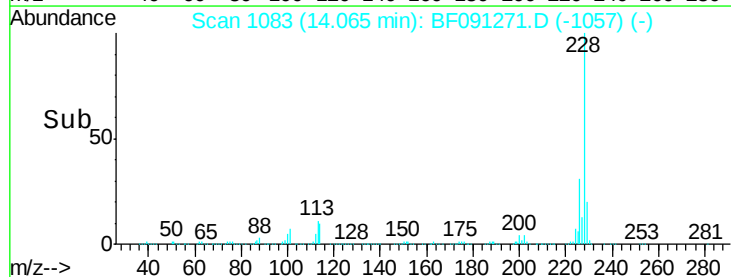
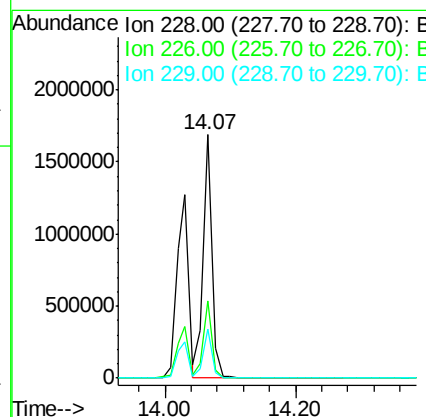
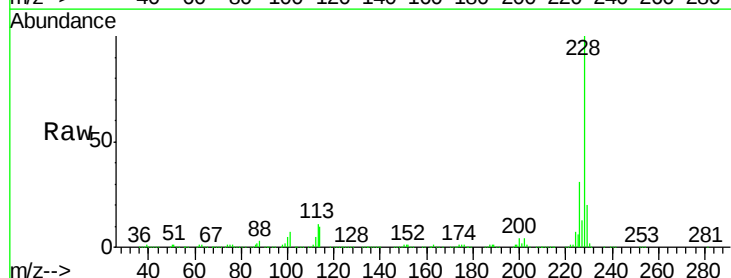
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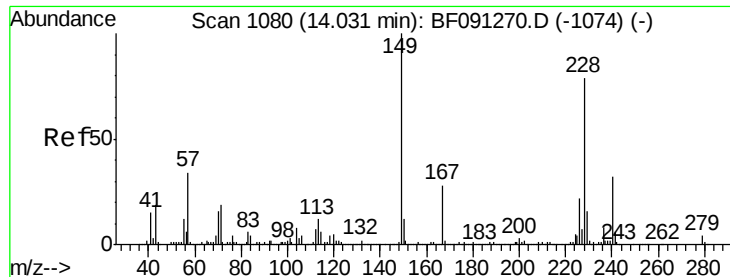
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#82
 Chrysene
 Concen: 39.99 ng
 RT: 14.07 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.4
229	20.3	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.08 ng

RT: 14.03 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:149 Resp: 1122738

Ion Ratio Lower Upper

149 100

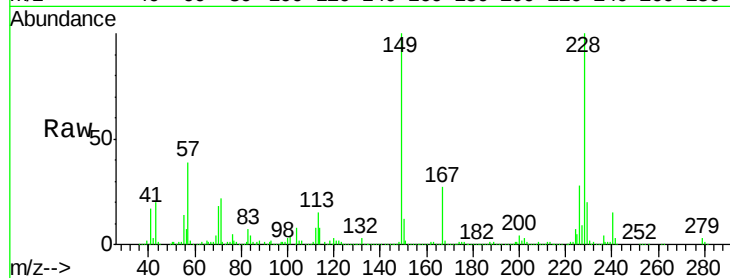
167 27.0 19.6 29.4

279 3.2 1.9 2.9#

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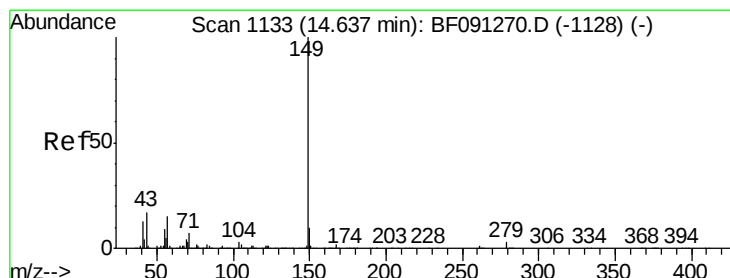
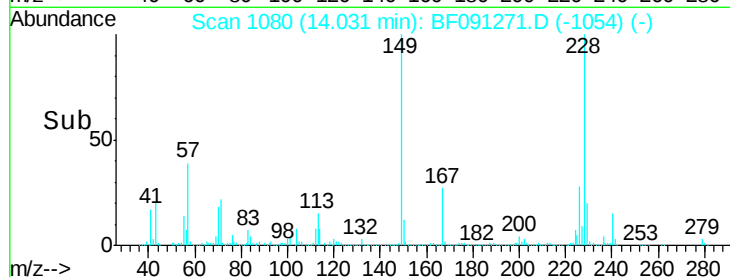
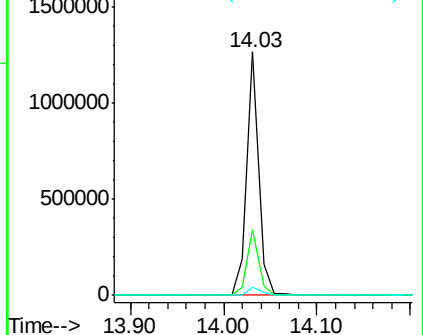
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.94 ng

RT: 14.64 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Tgt Ion:149 Resp: 1781618

Ion Ratio Lower Upper

149 100

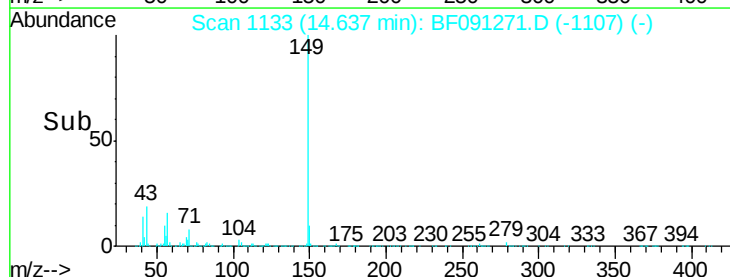
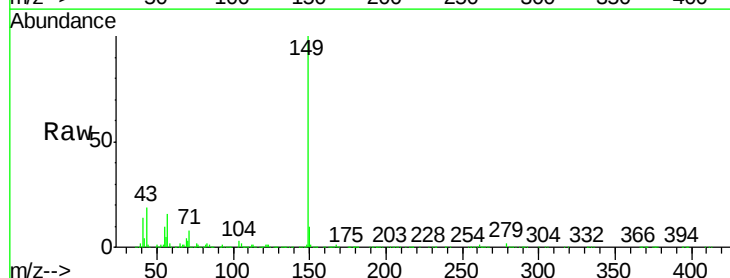
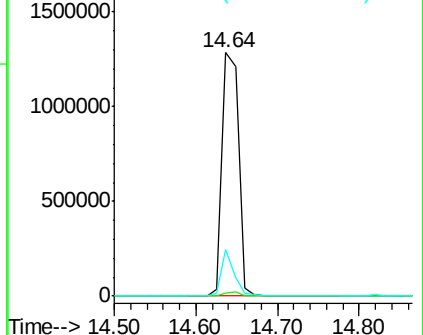
167 1.6 1.3 1.9

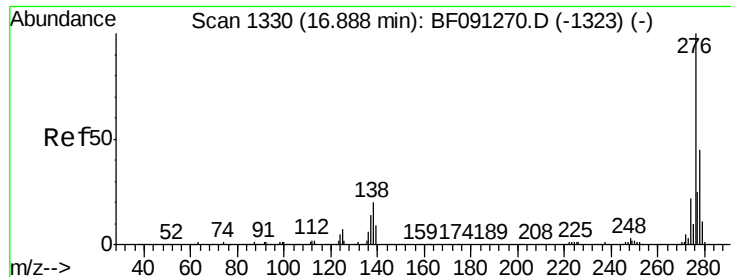
43 14.7 11.9 17.9

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





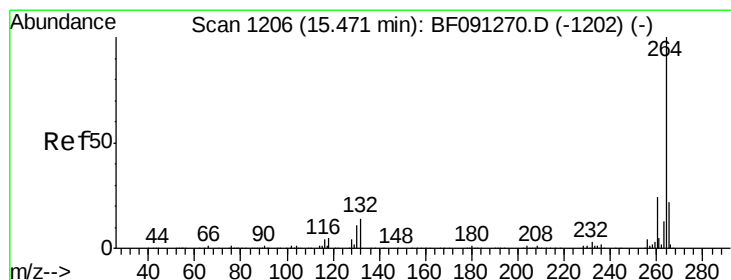
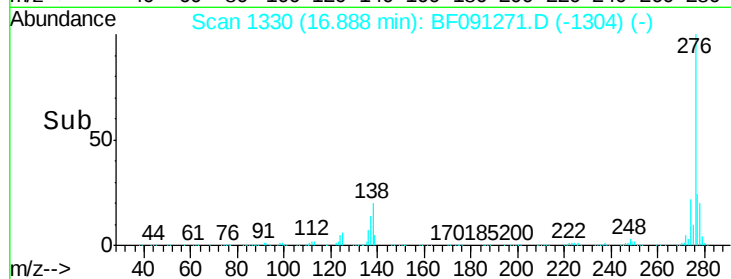
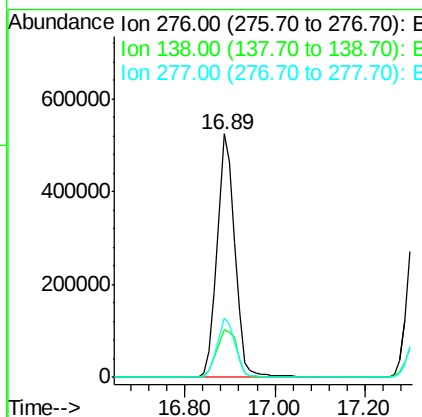
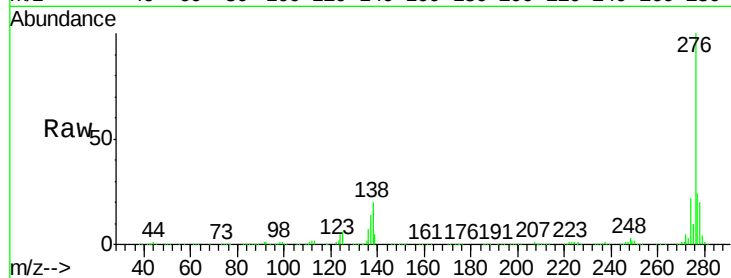
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.97 ng
 RT: 16.89 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	21.0	31.4
277	24.9	20.2	30.2

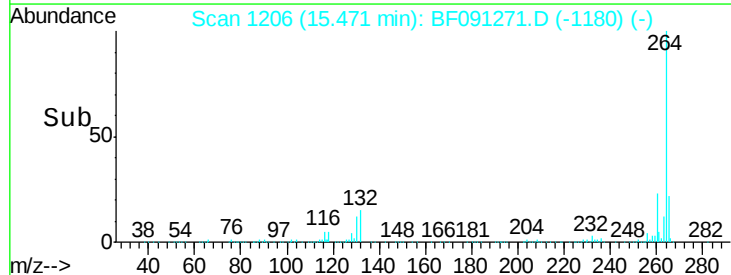
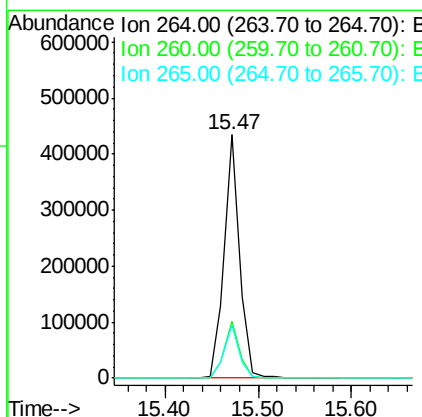
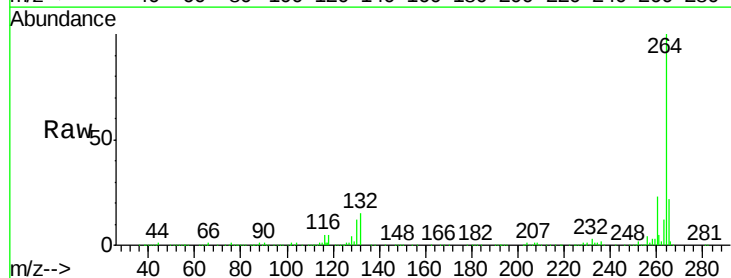
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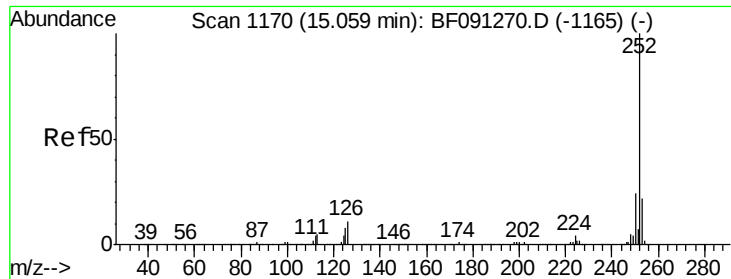
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	21.7	17.0	25.6





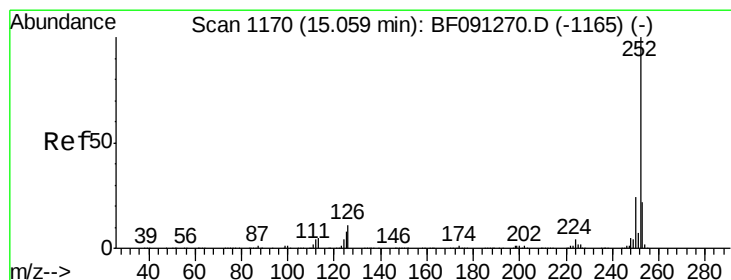
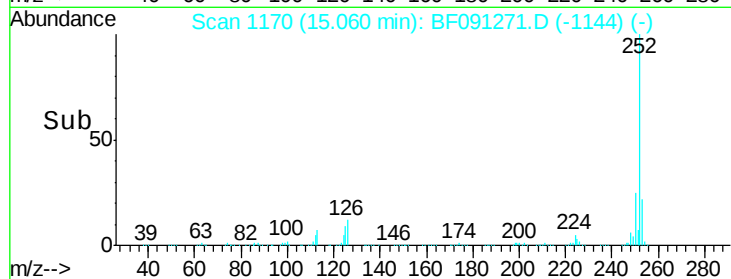
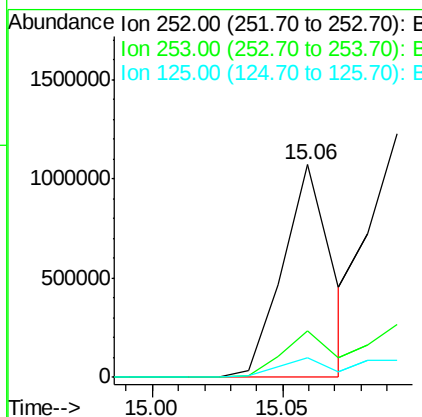
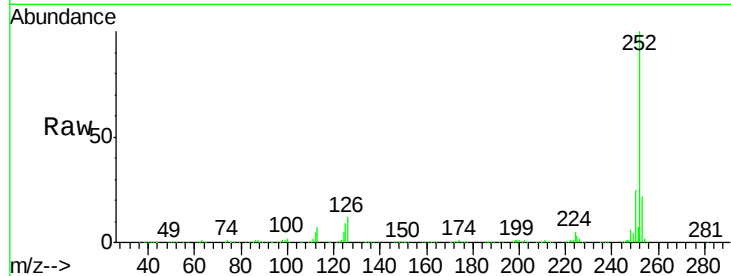
#87
Benzo(b)fluoranthene
Concen: 45.93 ng
RT: 15.06 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion: 252 Resp: 1390523
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 9.2 8.6 13.0

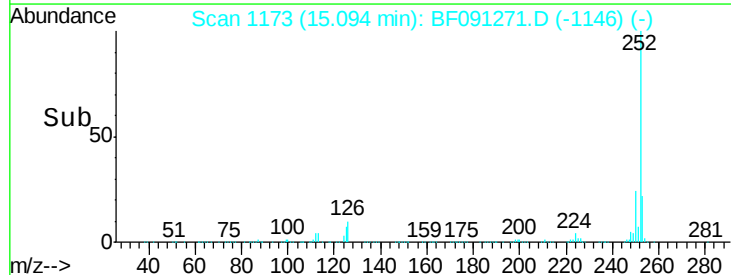
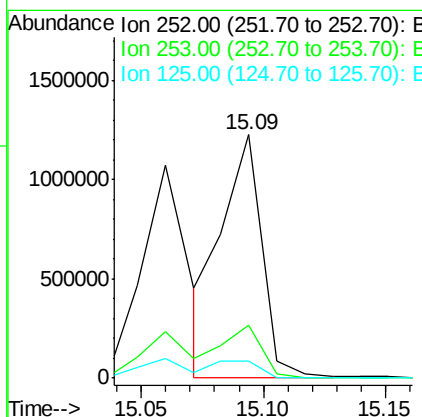
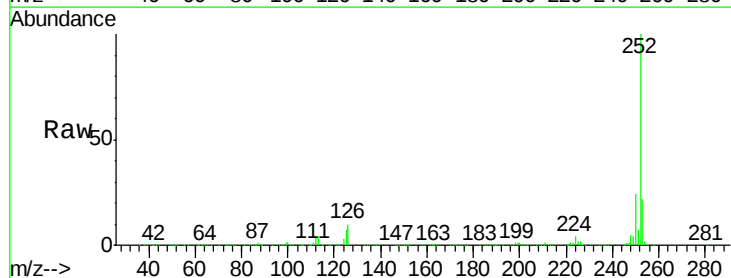
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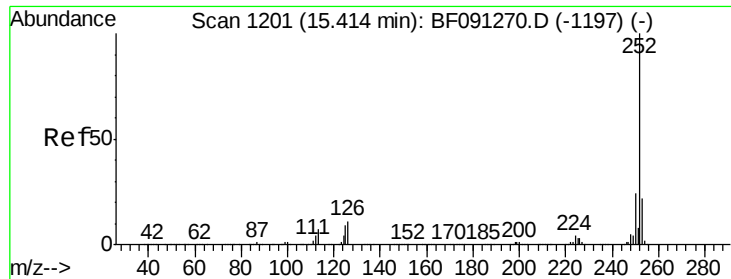
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#88
Benzo(k)fluoranthene
Concen: 46.35 ng m
RT: 15.09 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion: 252 Resp: 1417577
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 6.9 9.6 14.4#





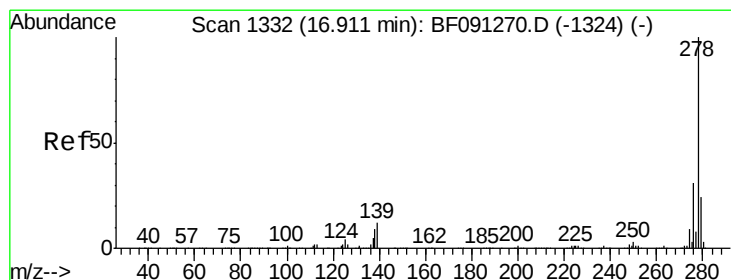
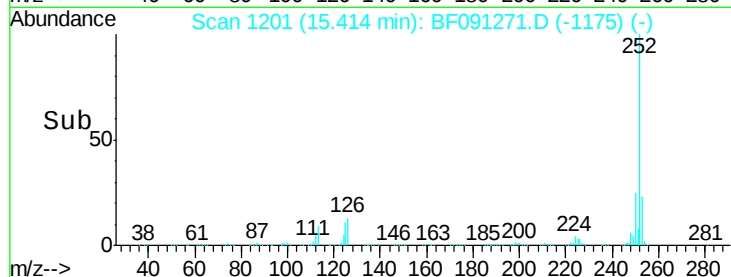
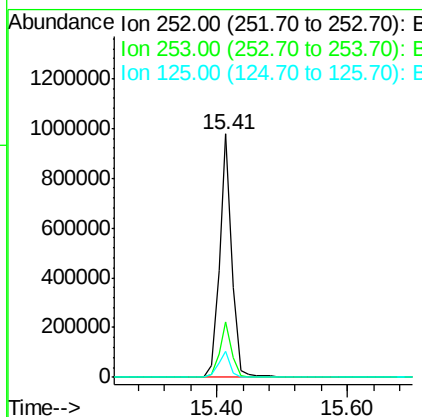
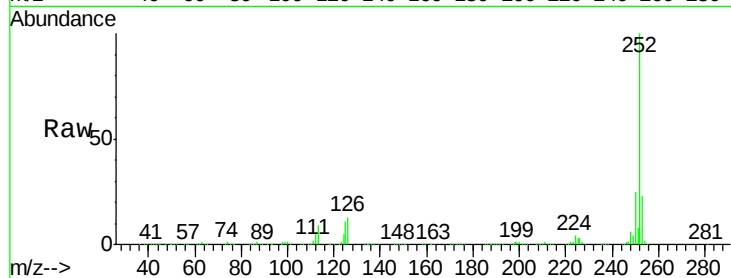
#89
Benzo(a)pyrene
Concen: 46.44 ng
RT: 15.41 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	10.5	10.4	15.6

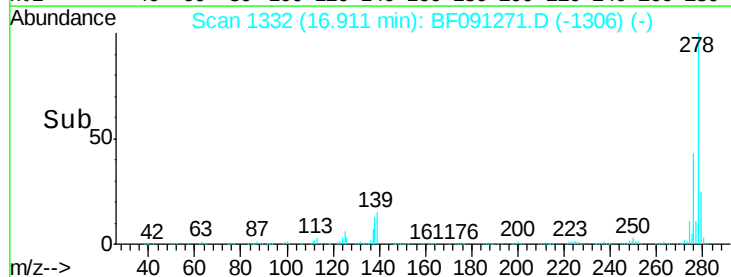
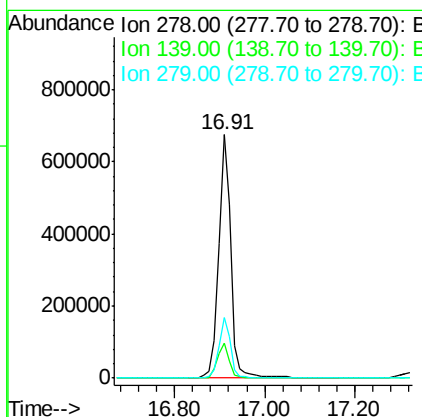
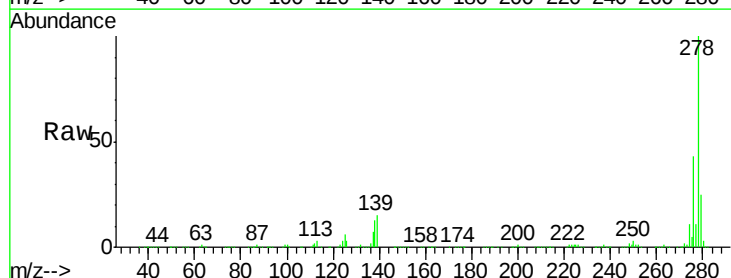
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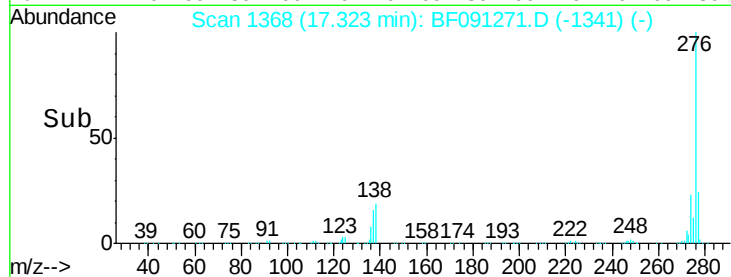
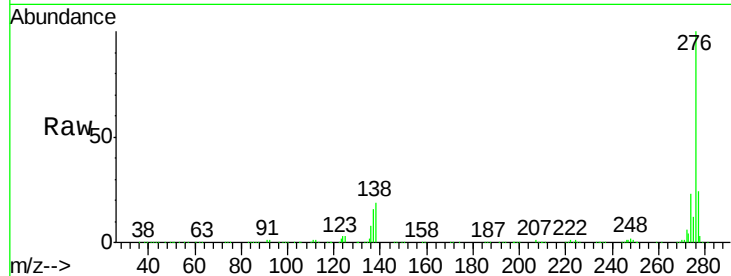
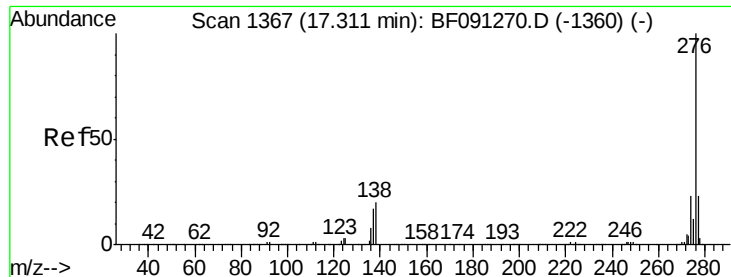
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#90
Dibenzo(a,h)anthracene
Concen: 55.61 ng
RT: 16.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	15.1	22.7#
279	24.7	19.0	28.6





#91

Benzo(g,h,i)perylene

Concen: 53.54 ng

RT: 17.32 min Scan# 1368

Delta R.T. 0.01 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 276 Resp: 1251979

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 18.9 15.4 23.0

Manual Integrations

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