

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090456.D
 Acq On : 7 Oct 2016 21:02
 Operator : UM/SJ
 Sample : PB93841BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

Manual Integrations
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 10/10/2016 6:53:11 PM

Quant Time: Oct 08 00:32:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	240888	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	1049883	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	524573	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	818335	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	506470	20.00	ng	-0.02
86) Perylene-d12	15.68	264	426673	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1101101	68.22	ng	0.00
7) Phenol-d6	6.62	99	1507033	71.29	ng	0.00
23) Nitrobenzene-d5	7.56	82	1554517	72.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	355253	83.29	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	2420205	76.87	ng	-0.02
78) Terphenyl-d14	13.13	244	2182265	96.87	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	225185	28.30	ng	# 87
3) Pyridine	3.51	79	677990	30.56	ng	# 81
4) n-Nitrosodimethylamine	3.47	42	280281	30.62	ng	# 43
6) Aniline	6.65	93	592392	20.29	ng	# 76
8) 2-Chlorophenol	6.78	128	657191	37.00	ng	84
9) Benzaldehyde	6.53	77	281040	26.30	ng	97
10) Phenol	6.63	94	754866	30.71	ng	94
11) bis(2-Chloroethyl)ether	6.73	93	663461	35.26	ng	93
12) 1,3-Dichlorobenzene	6.93	146	687129	38.81	ng	98
13) 1,4-Dichlorobenzene	7.01	146	652277m	36.27	ng	
14) 1,2-Dichlorobenzene	7.16	146	628612	36.28	ng	98
15) Benzyl Alcohol	7.13	79	639057	39.77	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.26	45	932497	29.22	ng	87
17) 2-Methylphenol	7.25	107	598132	40.95	ng	98
18) Hexachloroethane	7.50	117	233664	32.96	ng	95
19) n-Nitroso-di-n-propylamine	7.40	70	524536	33.84	ng	# 82
20) 3+4-Methylphenols	7.40	107	681982	36.07	ng	# 77
22) Acetophenone	7.40	105	931102	37.44	ng	# 94
24) Nitrobenzene	7.57	77	721296	33.66	ng	99
25) Isophorone	7.81	82	1341047	33.98	ng	98
26) 2-Nitrophenol	7.89	139	355148	38.51	ng	# 88
27) 2,4-Dimethylphenol	7.94	122	630180	35.14	ng	96
28) bis(2-Chloroethoxy)methane	8.03	93	852814	36.54	ng	99
29) 2,4-Dichlorophenol	8.14	162	500439	36.70	ng	96
30) 1,2,4-Trichlorobenzene	8.22	180	570600	40.60	ng	96
31) Naphthalene	8.30	128	1963389	38.76	ng	99
32) Benzoic acid	8.06	122	451271	36.19	ng	97
33) 4-Chloroaniline	8.35	127	257379	12.29	ng	# 90
34) Hexachlorobutadiene	8.42	225	282788	36.02	ng	99
35) Caprolactam	8.73	113	199413	43.50	ng	# 61
36) 4-Chloro-3-methylphenol	8.84	107	660447	38.68	ng	95
37) 2-Methylnaphthalene	8.99	142	1232807	40.21	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	533183	38.55	ng	98
40) Hexachlorocyclopentadiene	9.15	237	332275	43.83	ng	98

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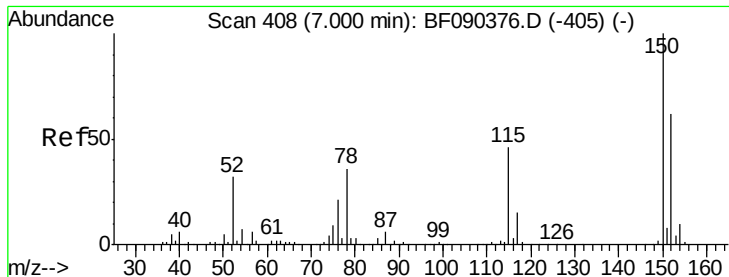
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	403062	42.23	ng	97
43) 2,4,5-Trichlorophenol	9.32	196	389317	43.14	ng #	91
45) 1,1'-Biphenyl	9.46	154	1365312	35.12	ng	95
46) 2-Chloronaphthalene	9.49	162	1171441	40.79	ng #	91
47) 2-Nitroaniline	9.58	65	443562	39.14	ng #	80
48) Acenaphthylene	9.90	152	1736839	36.65	ng	99
49) Dimethylphthalate	9.77	163	1434365	42.70	ng	98
50) 2,6-Dinitrotoluene	9.82	165	339362	45.50	ng #	72
51) Acenaphthene	10.07	154	1128423	38.19	ng	97
52) 3-Nitroaniline	9.98	138	199348	22.88	ng	85
53) 2,4-Dinitrophenol	10.10	184	142068	42.72	ng #	78
54) Dibenzofuran	10.25	168	1503421	39.31	ng	94
55) 4-Nitrophenol	10.15	139	503484	66.04	ng	98
56) 2,4-Dinitrotoluene	10.22	165	389516	39.24	ng #	42
57) Fluorene	10.59	166	1192161	37.09	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	294122	43.64	ng	89
59) Diethylphthalate	10.46	149	1405088	40.42	ng	94
60) 4-Chlorophenyl-phenylether	10.58	204	580271	39.71	ng	89
61) 4-Nitroaniline	10.60	138	296157	33.73	ng	93
62) Azobenzene	10.74	77	1557696	38.80	ng	88
64) 4,6-Dinitro-2-methylphenol	10.63	198	122537	25.11	ng #	53
65) n-Nitrosodiphenylamine	10.70	169	1180837	43.06	ng	98
66) 4-Bromophenyl-phenylether	11.07	248	338150	42.15	ng #	79
67) Hexachlorobenzene	11.14	284	356667	39.93	ng #	75
68) Atrazine	11.23	200	319585	47.26	ng	98
69) Pentachlorophenol	11.33	266	425013	79.93	ng	99
70) Phenanthrene	11.56	178	1851386	44.18	ng	98
71) Anthracene	11.61	178	1625246	37.98	ng	99
72) Carbazole	11.77	167	1606792	40.42	ng	96
73) Di-n-butylphthalate	12.10	149	2095775	43.32	ng #	95
74) Fluoranthene	12.75	202	1601016	38.95	ng	95
76) Benzidine	12.86	184	669954	50.31	ng	100
77) Pyrene	12.98	202	1513454	44.82	ng	99
79) Butylbenzylphthalate	13.59	149	765256	44.16	ng #	88
80) Benzo(a)anthracene	14.17	228	1231841	43.35	ng	98
81) 3,3'-Dichlorobenzidine	14.13	252	406059	39.41	ng #	98
82) Chrysene	14.21	228	1101031	42.10	ng	97
83) Bis(2-ethylhexyl)phthalate	14.16	149	1017147	41.30	ng #	97
84) Di-n-octyl phthalate	14.77	149	1509015	41.32	ng #	90
85) Indeno(1,2,3-cd)pyrene	17.18	276	958581	51.41	ng	95
87) Benzo(b)fluoranthene	15.24	252	1139365	41.92	ng	98
88) Benzo(k)fluoranthene	15.26	252	956618m	37.47	ng	
89) Benzo(a)pyrene	15.62	252	1003636	42.84	ng	99
90) Dibenzo(a,h)anthracene	17.21	278	828792	41.59	ng #	96
91) Benzo(g,h,i)perylene	17.64	276	735993	38.48	ng	94

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



#1

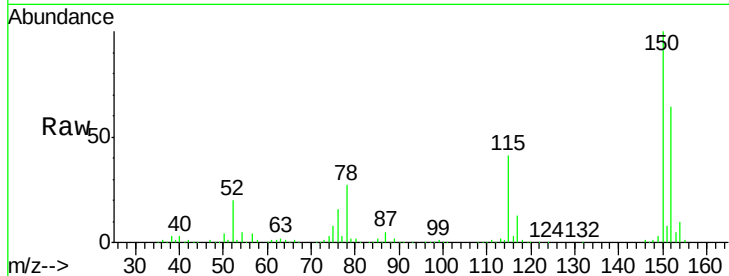
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Instrument :
BNA_F
ClientSampleId :
PB93841BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	64.8	46.2	69.4

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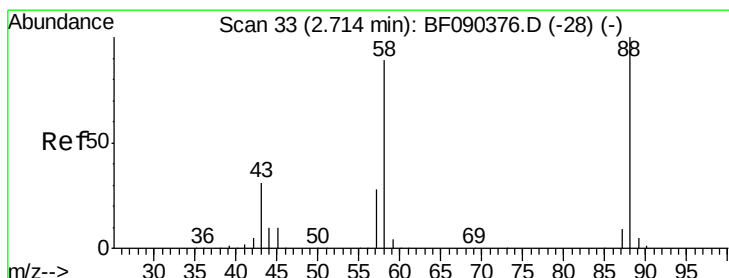
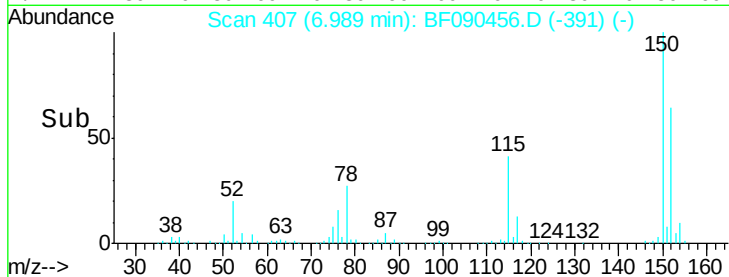
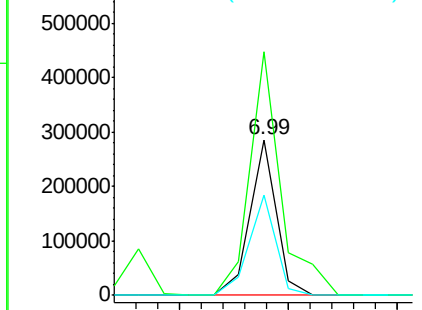


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

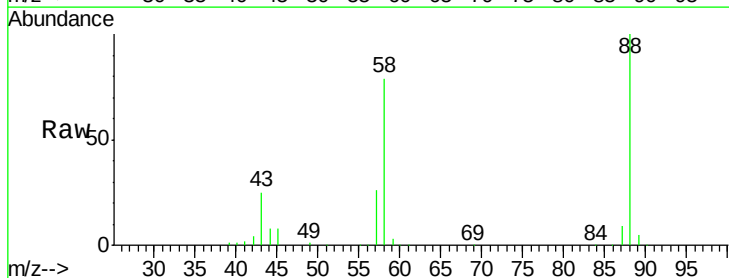
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.30 ng
RT: 2.75 min Scan# 36
Delta R.T. 0.03 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.8	71.2	106.8
43	25.5	29.8	44.6

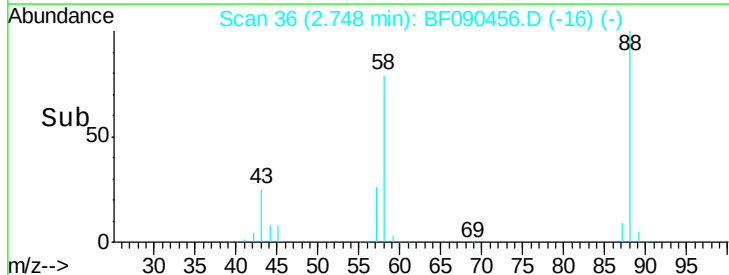
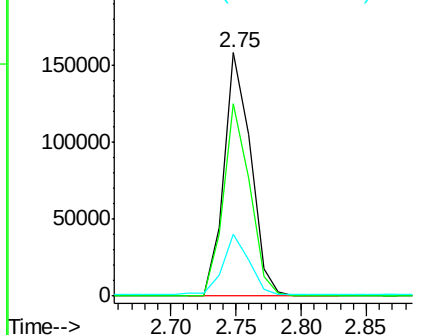


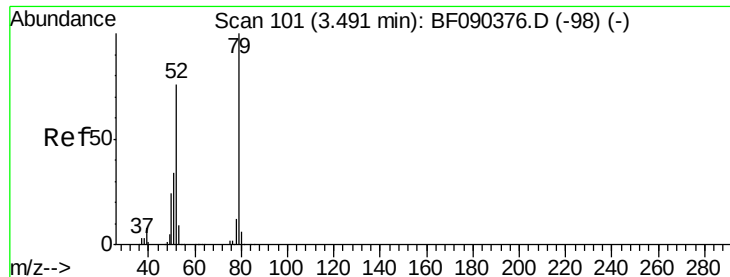
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.56 ng

RT: 3.51 min Scan# 103

Delta R.T. 0.02 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampled :

PB93841BS

Tgt Ion: 79 Resp: 677990

Ion Ratio Lower Upper

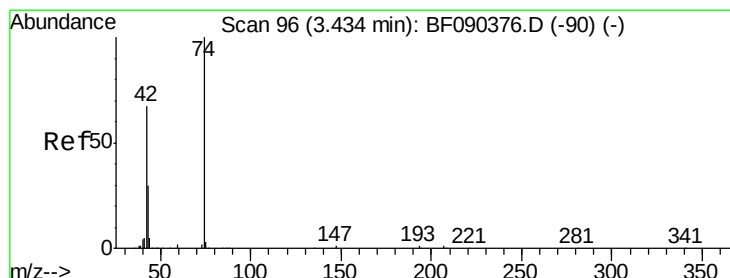
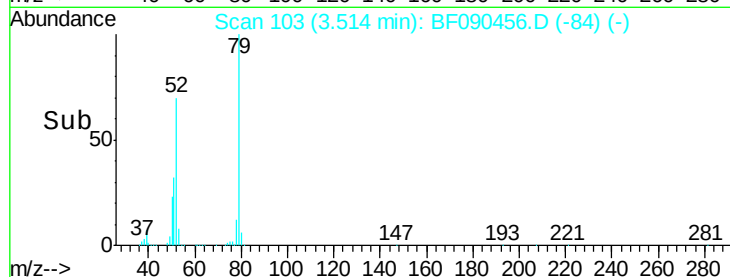
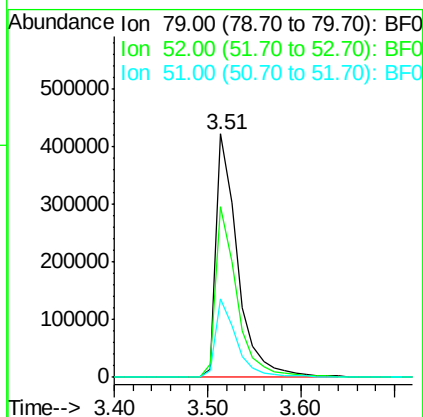
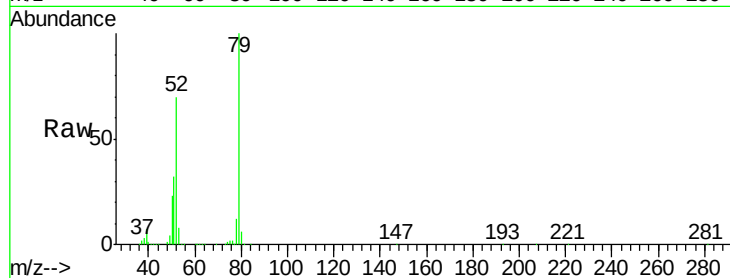
79 100

52 70.2 71.3 106.9#

51 32.0 34.5 51.7#

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#4

n-Nitrosodimethylamine

Concen: 30.62 ng

RT: 3.47 min Scan# 99

Delta R.T. 0.03 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

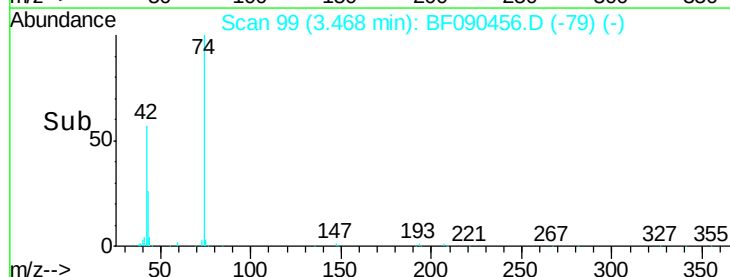
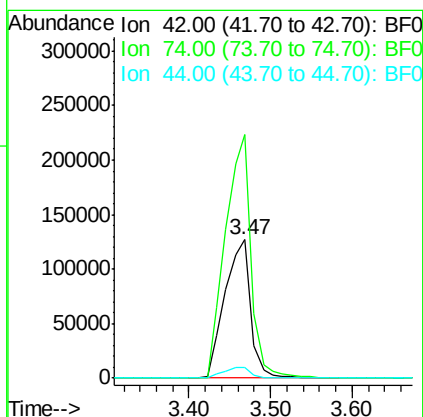
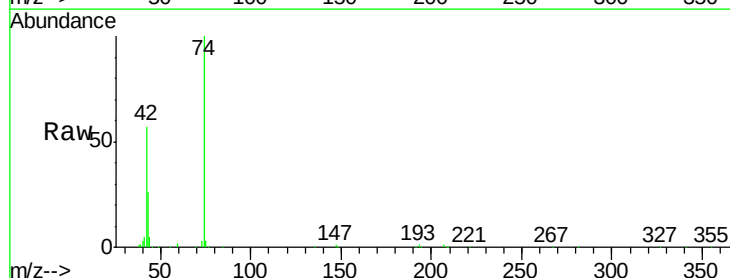
Tgt Ion: 42 Resp: 280281

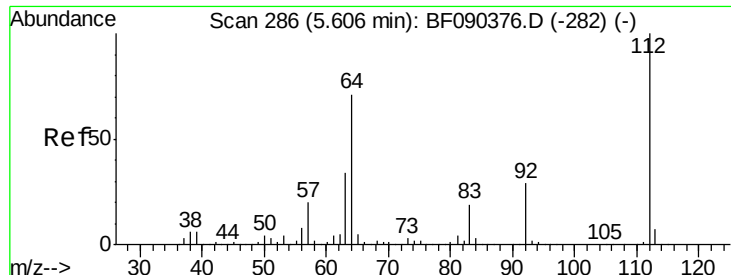
Ion Ratio Lower Upper

42 100

74 175.7 88.9 133.3#

44 8.0 6.5 9.7





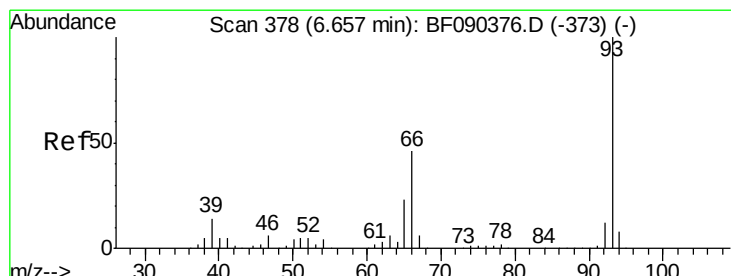
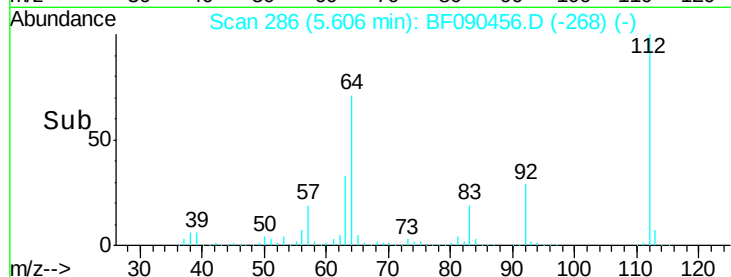
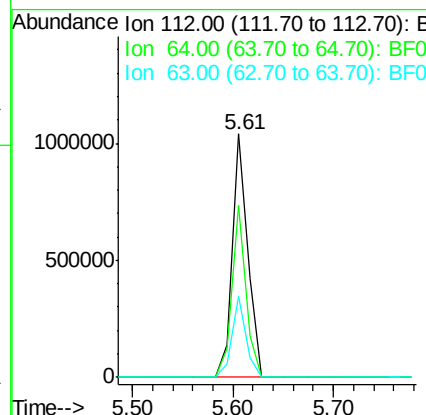
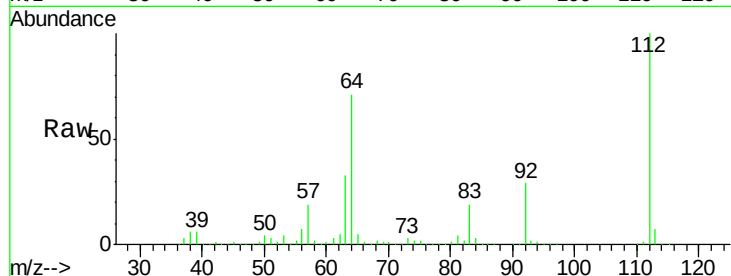
#5
 2-Fluorophenol
 Concen: 68.22 ng
 RT: 5.61 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampled :
 PB93841BS

Tgt Ion:	112	Resp:	1101101
Ion	Ratio	Lower	Upper
112	100		
64	70.8	57.9	86.9
63	33.5	29.6	44.4

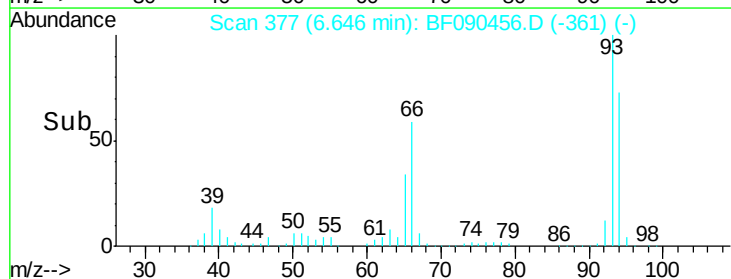
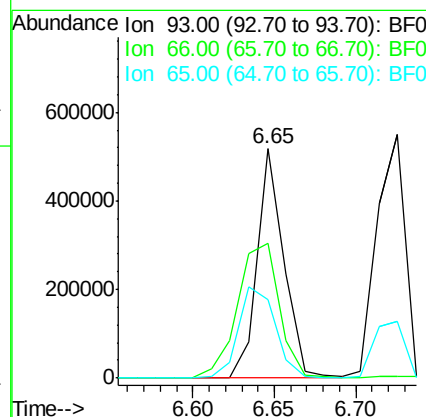
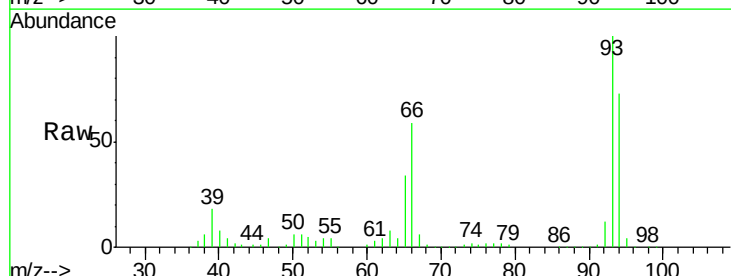
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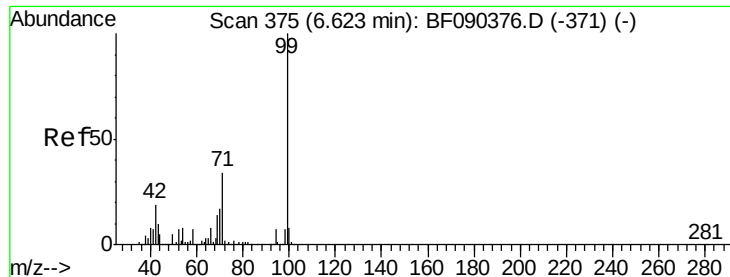
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#6
 Aniline
 Concen: 20.29 ng
 RT: 6.65 min Scan# 377
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion:	93	Resp:	592392
Ion	Ratio	Lower	Upper
93	100		
66	58.9	34.5	51.7#
65	34.3	18.2	27.2#





#7

Phenol-d6

Concen: 71.29 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampleId :

PB93841BS

Tgt Ion: 99 Resp: 1507033

Ion Ratio Lower Upper

99 100

42 16.5 20.0 30.0#

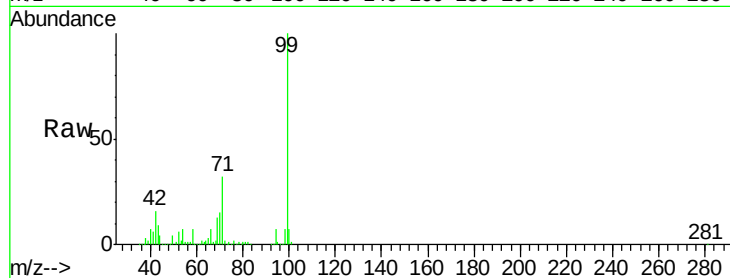
71 32.4 27.9 41.9

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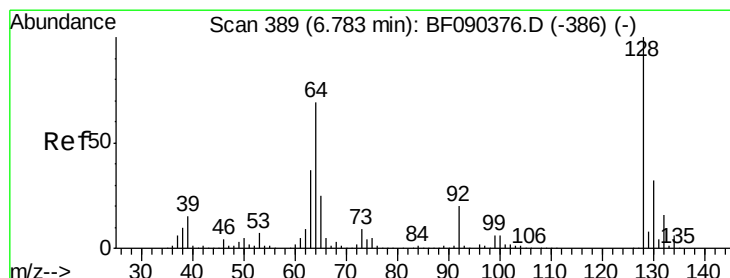
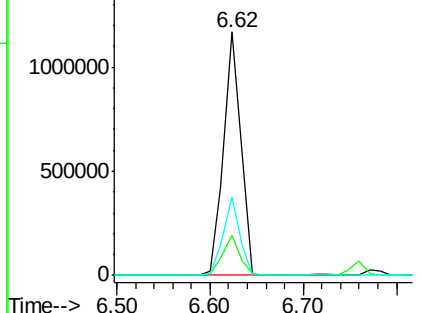
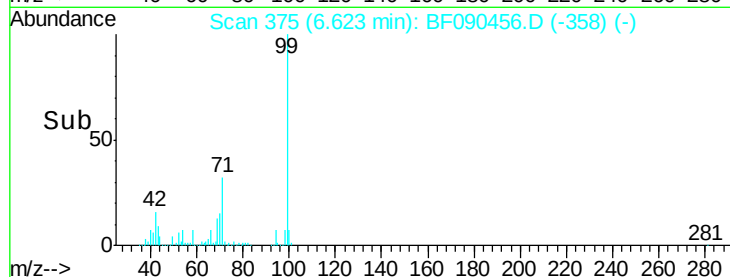
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.00 ng

RT: 6.78 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

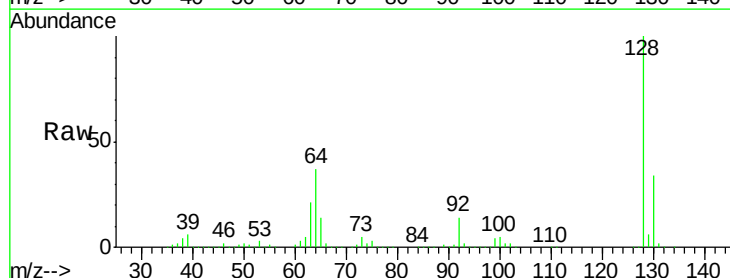
Tgt Ion: 128 Resp: 657191

Ion Ratio Lower Upper

128 100

130 33.8 13.3 53.3

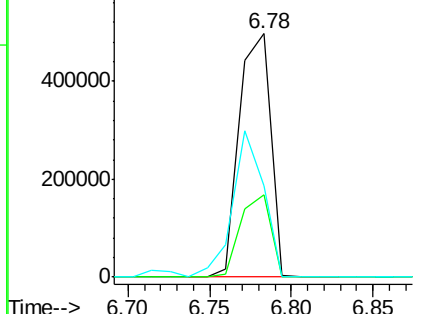
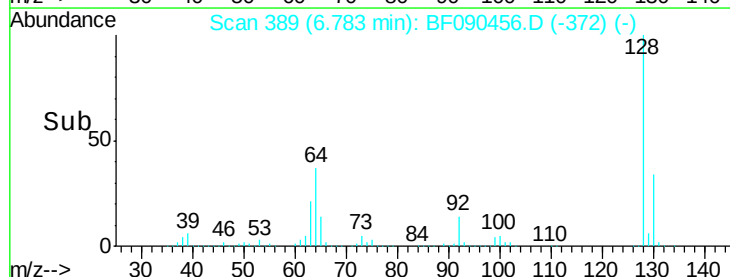
64 37.3 36.0 76.0

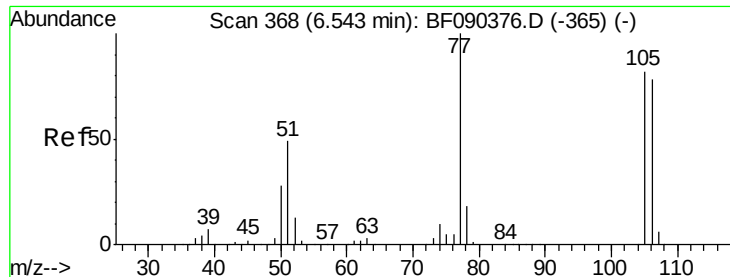


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 26.30 ng

RT: 6.53 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

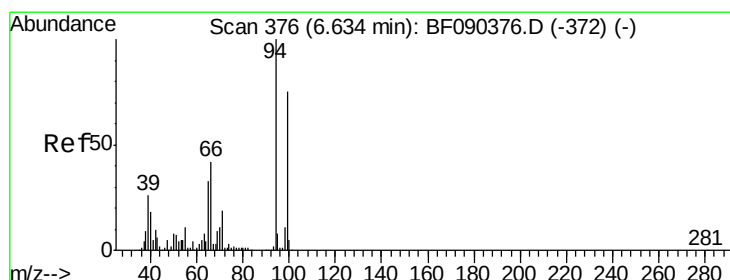
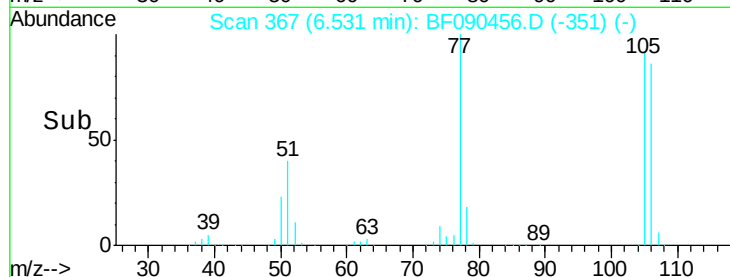
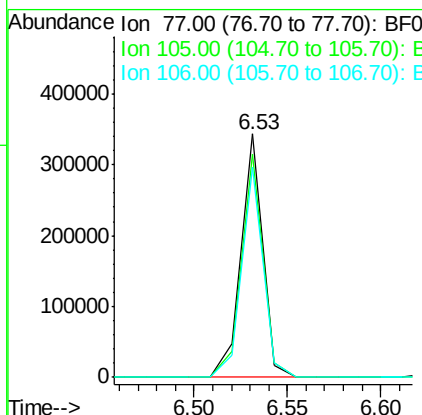
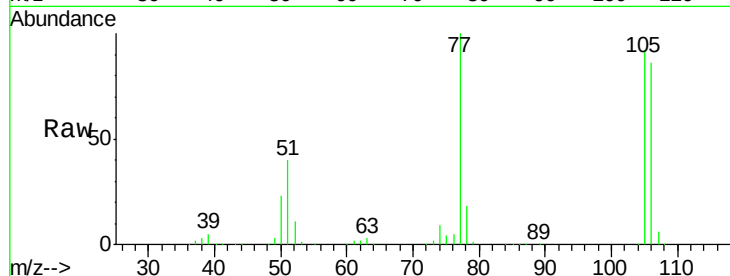
ClientSampleId :

PB93841BS

Tgt Ion:	77	Resp:	281040
Ion	Ratio	Lower	Upper
77	100		
105	91.6	73.1	113.1
106	86.4	70.2	110.2

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#10

Phenol

Concen: 30.71 ng

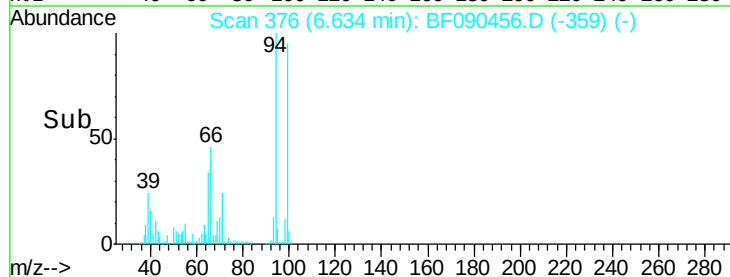
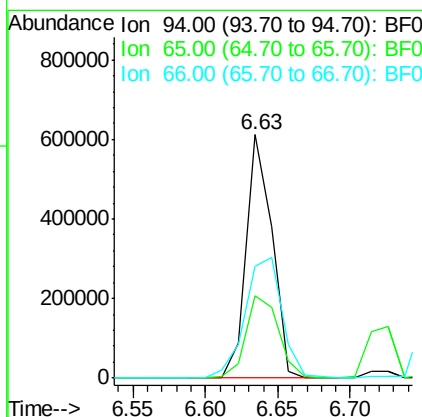
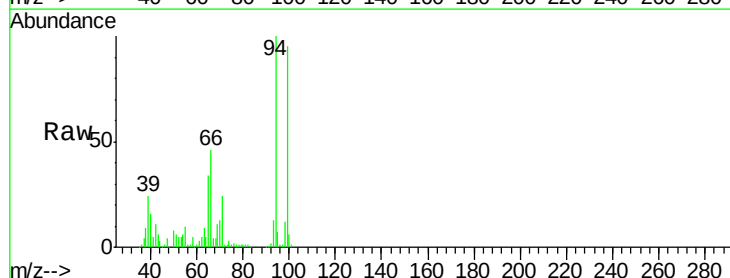
RT: 6.63 min Scan# 376

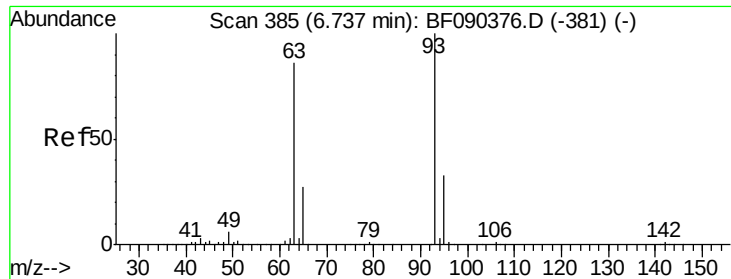
Delta R.T. -0.00 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Tgt Ion:	94	Resp:	754866
Ion	Ratio	Lower	Upper
94	100		
65	33.9	13.3	53.3
66	46.1	20.4	60.4





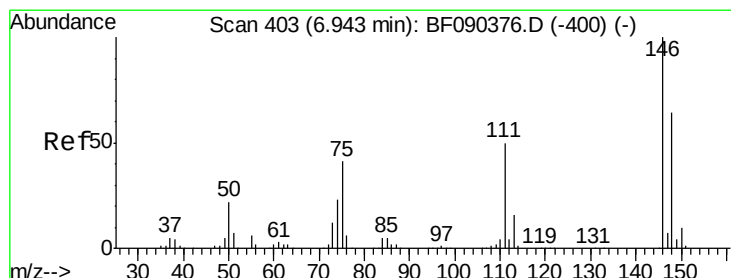
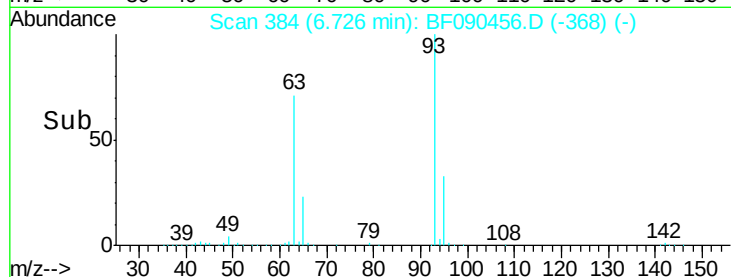
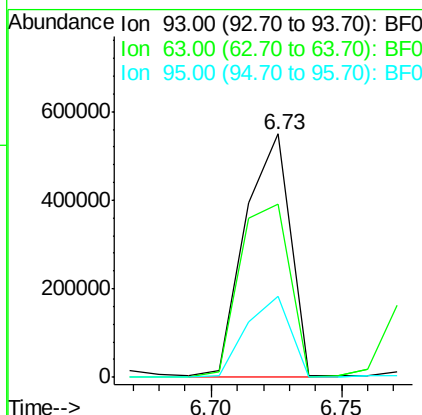
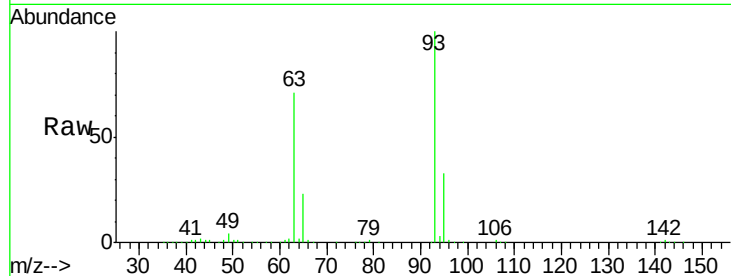
#11
bis(2-Chloroethyl)ether
Concen: 35.26 ng
RT: 6.73 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Instrument :
BNA_F
ClientSampleId :
PB93841BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	71.0	59.7	99.7
95	33.3	14.0	54.0

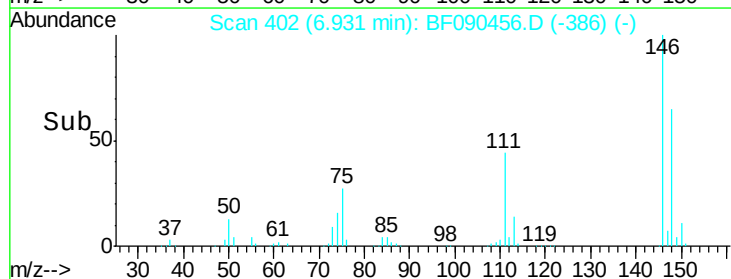
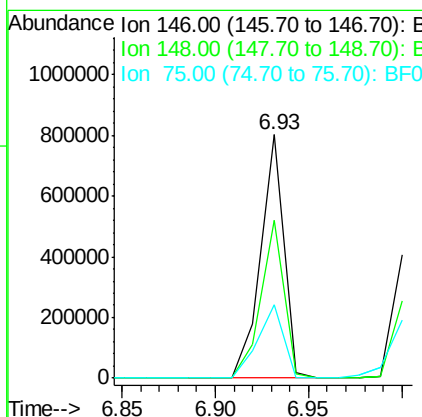
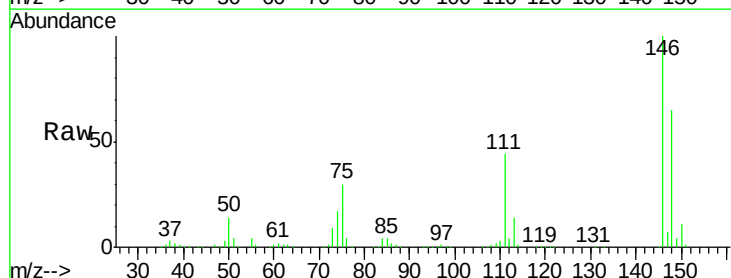
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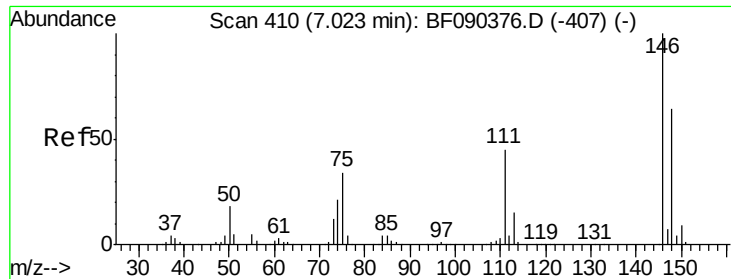
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#12
1,3-Dichlorobenzene
Concen: 38.81 ng
RT: 6.93 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.4
75	30.0	21.4	32.2





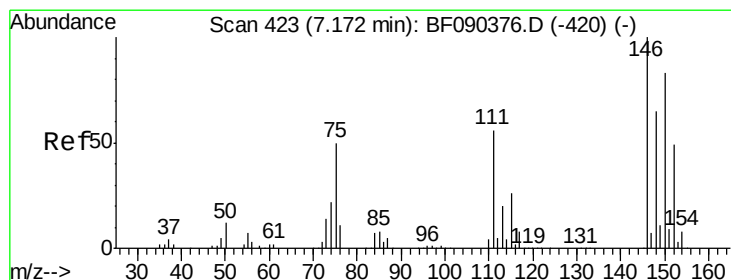
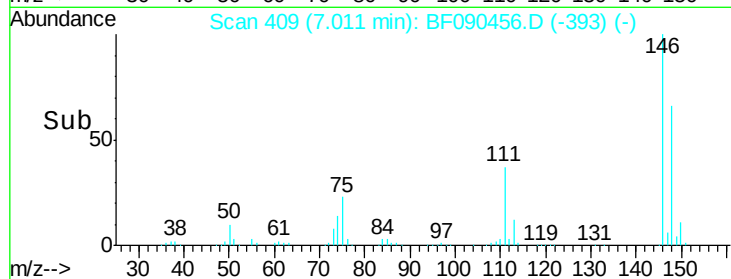
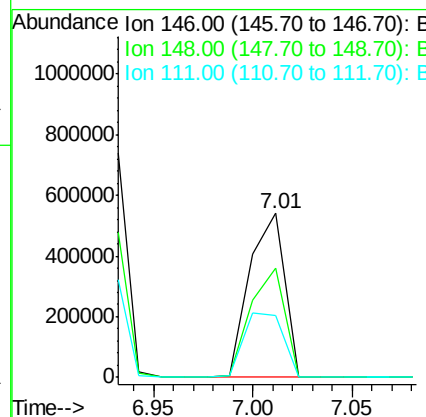
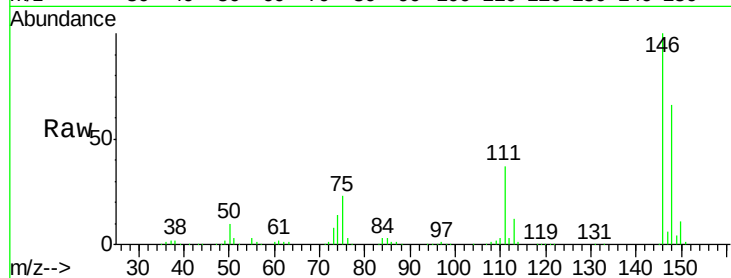
#13
1,4-Dichlorobenzene
Concen: 36.27 ng m
RT: 7.01 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Instrument :
BNA_F
ClientSampled :
PB93841BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.1	76.7
111	37.4	37.8	56.6#

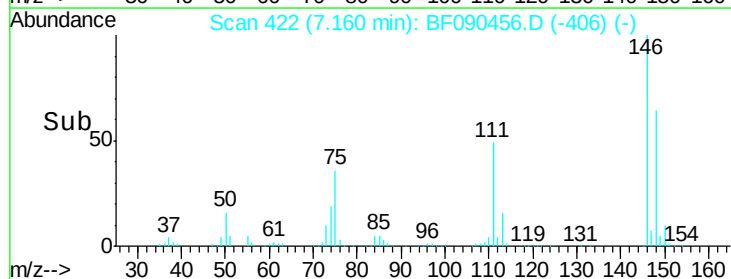
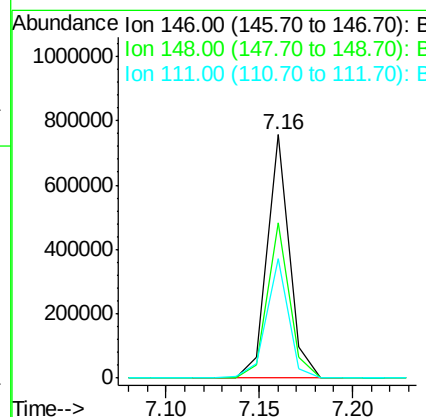
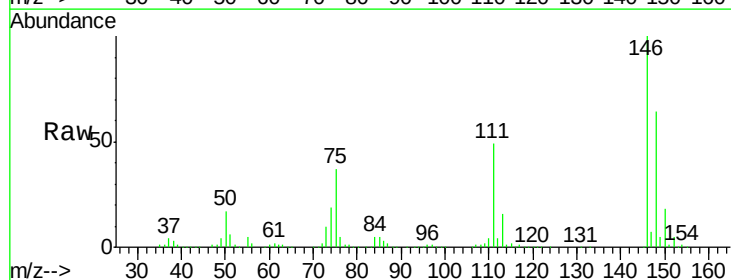
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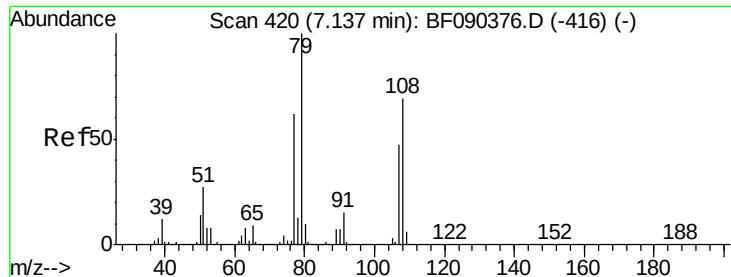
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#14
1,2-Dichlorobenzene
Concen: 36.28 ng
RT: 7.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.3	78.5
111	49.3	38.2	57.4





#15

Benzyl Alcohol

Concen: 39.77 ng

RT: 7.13 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

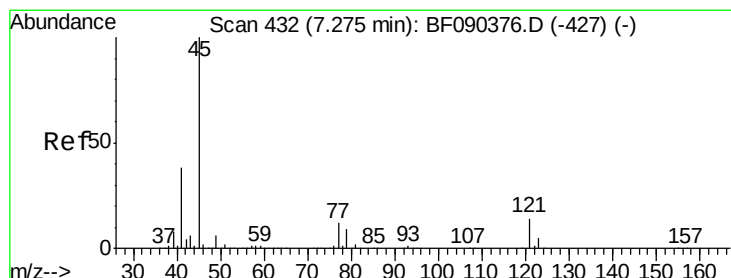
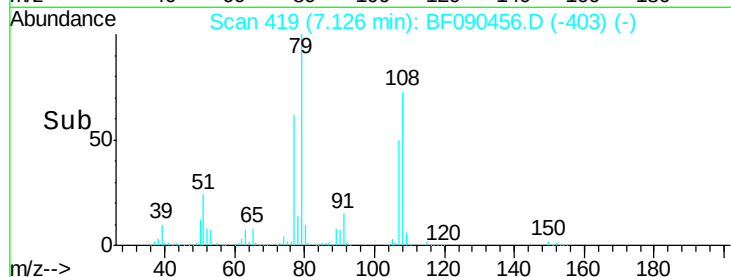
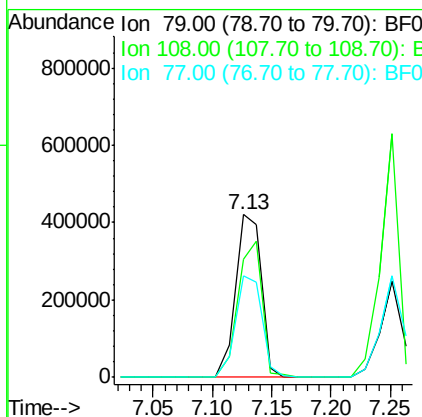
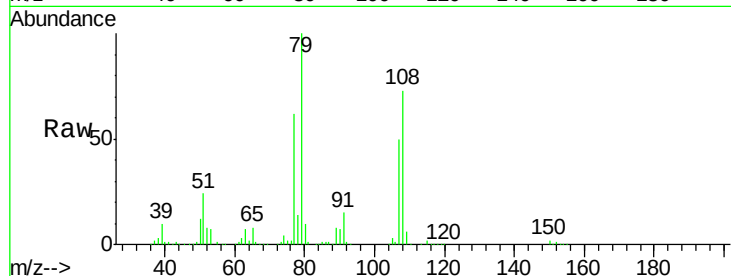
ClientSampleId :

PB93841BS

Tgt Ion:	79	Resp:	639057
Ion Ratio	Lower	Upper	
79	100		
108	72.7	60.9	91.3
77	62.5	51.5	77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.22 ng

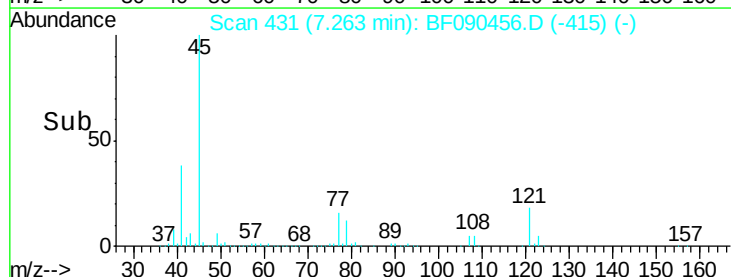
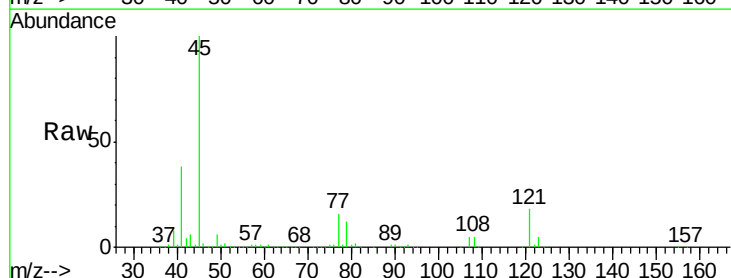
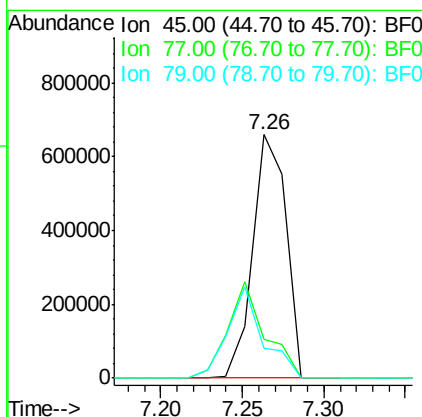
RT: 7.26 min Scan# 431

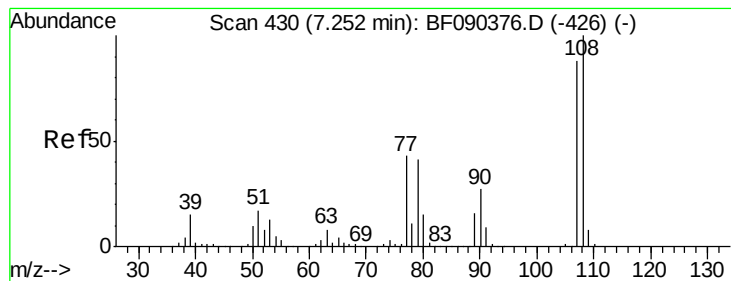
Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Tgt Ion:	45	Resp:	932497
Ion Ratio	Lower	Upper	
45	100		
77	16.1	0.0	30.8
79	12.2	0.0	28.2





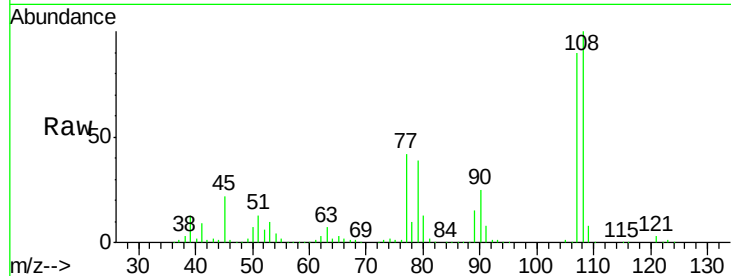
#17
2-Methylphenol
Concen: 40.95 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Instrument :
BNA_F
ClientSampleId :
PB93841BS

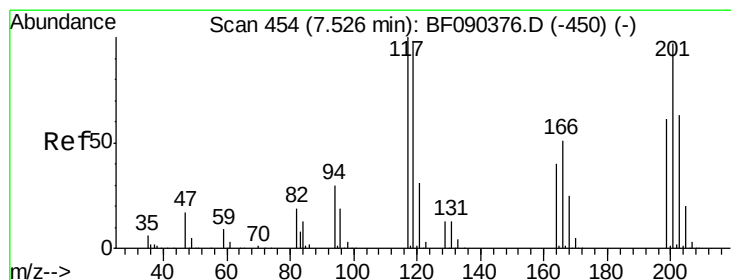
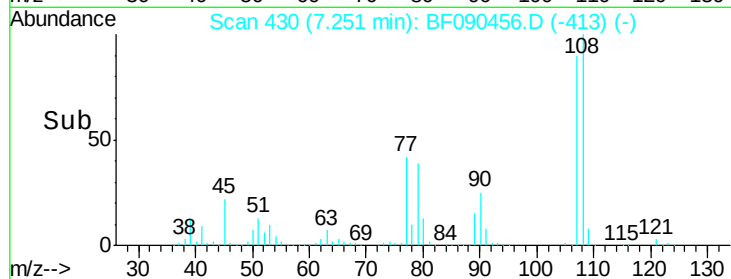
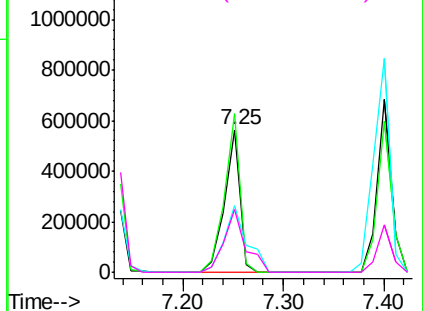
Tgt Ion:	107	Resp:	598132
Ion Ratio	Lower	Upper	
107	100		
108	111.7	90.9	136.3
77	46.6	38.2	57.4
79	43.9	37.0	55.4

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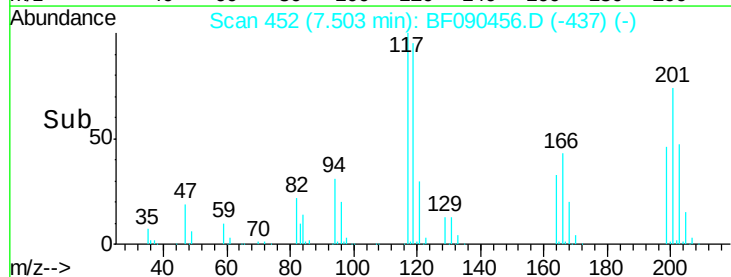
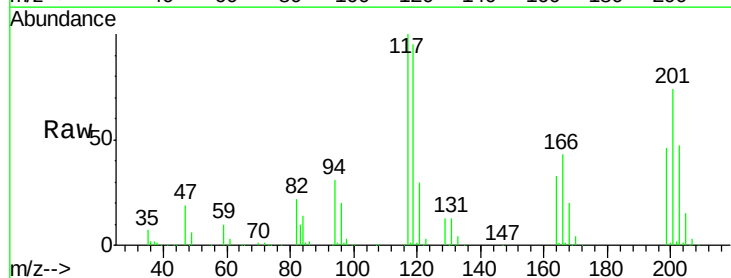
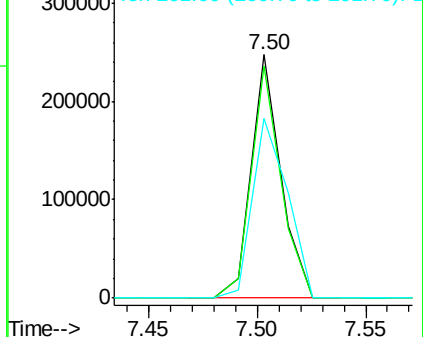
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

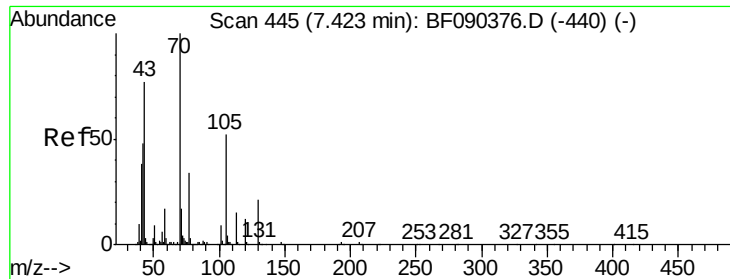


#18
Hexachloroethane
Concen: 32.96 ng
RT: 7.50 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion:	117	Resp:	233664
Ion Ratio	Lower	Upper	
117	100		
119	95.2	75.9	113.9
201	74.0	66.5	99.7

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





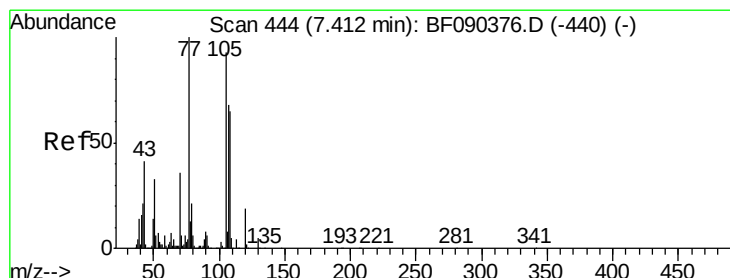
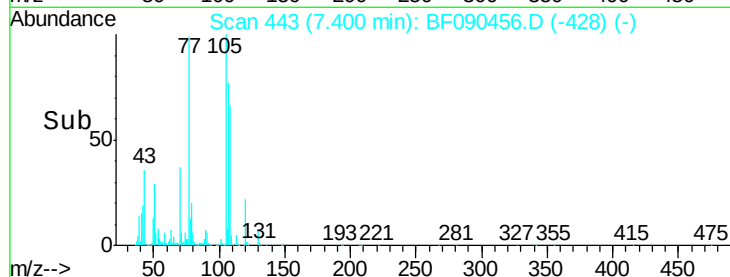
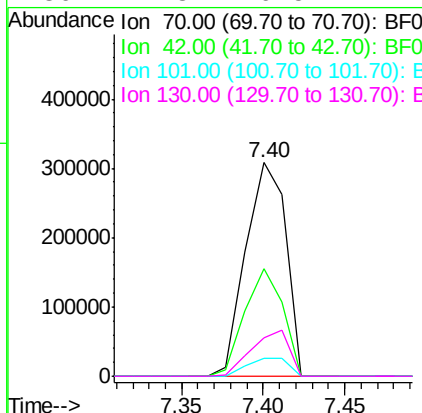
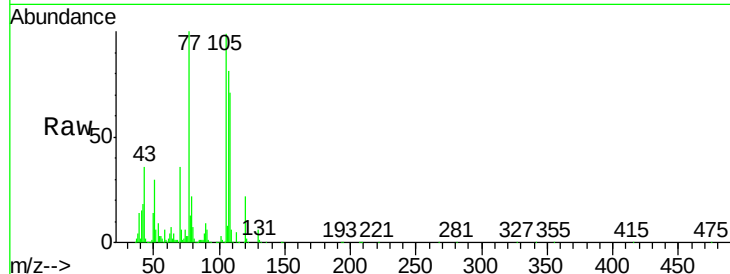
#19
n-Nitroso-di-n-propylamine
Concen: 33.84 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Instrument :
BNA_F
ClientSampleId :
PB93841BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.5	55.4	83.2#
101	8.6	7.6	11.4
130	17.8	16.5	24.7

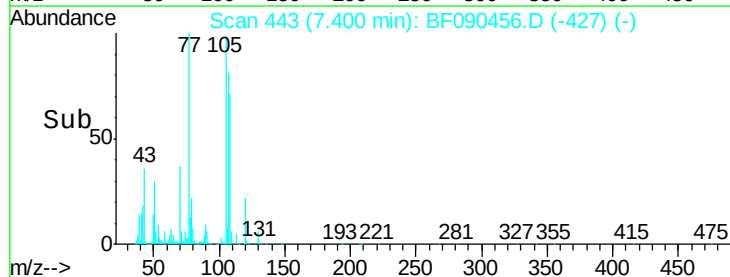
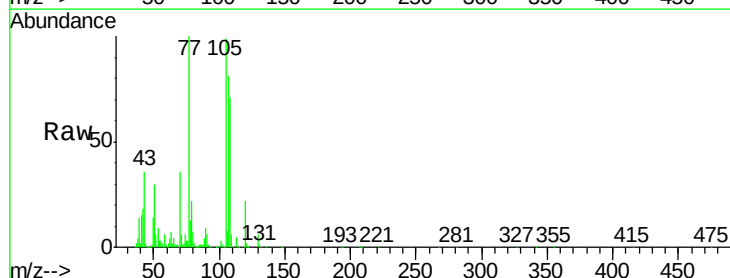
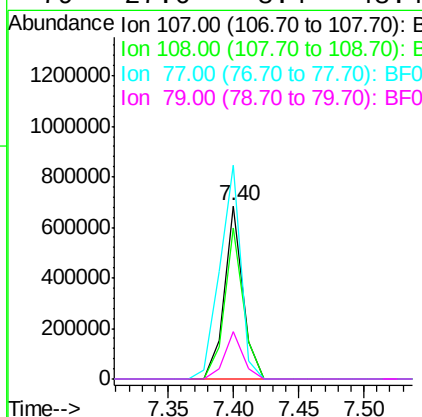
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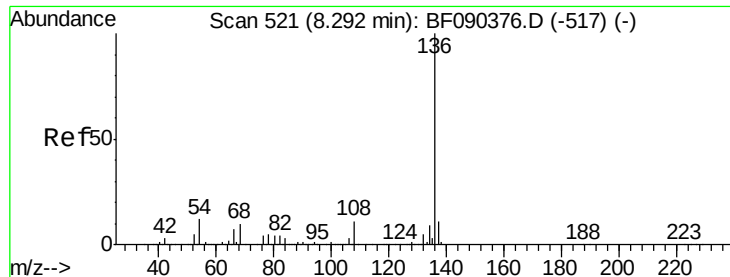
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#20
3+4-Methylphenols
Concen: 36.07 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	66.7	106.7
77	123.2	53.7	93.7#
79	27.6	8.4	48.4





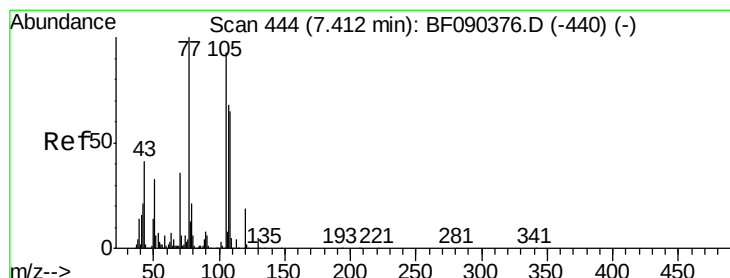
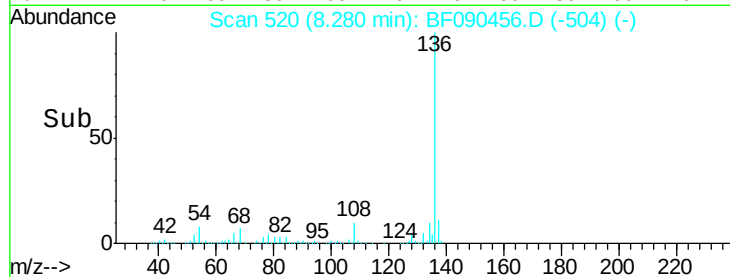
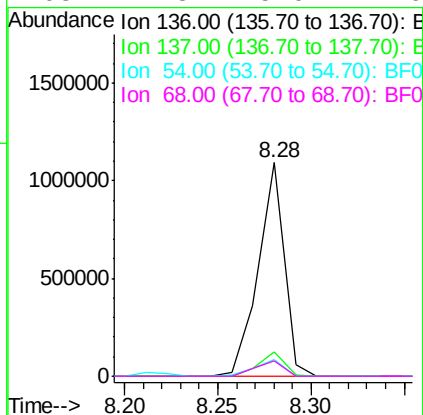
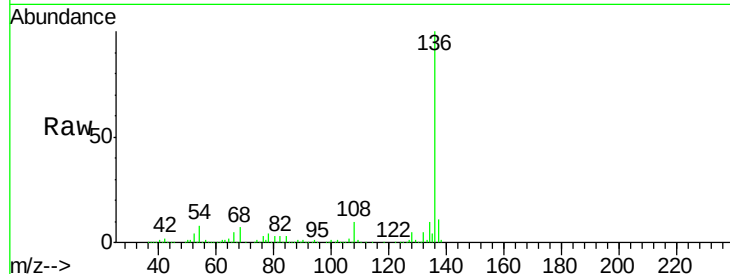
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Instrument :
BNA_F
ClientSampleId :
PB93841BS

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.0	6.6	10.0
68	7.3	5.0	7.6

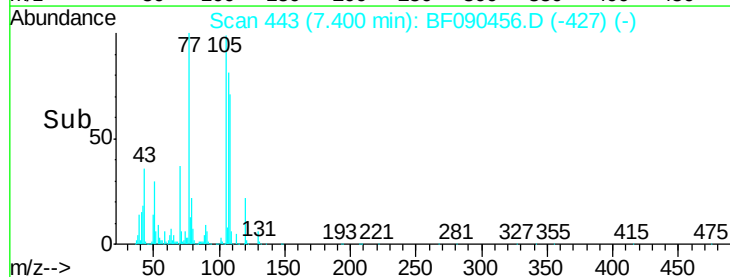
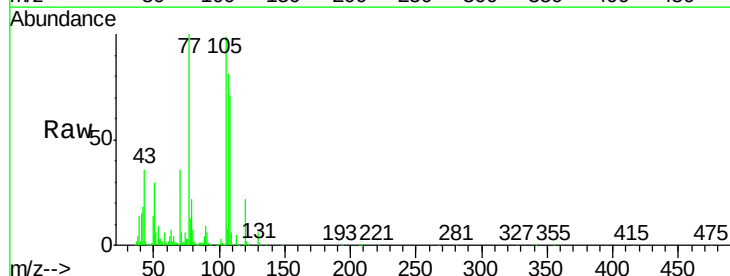
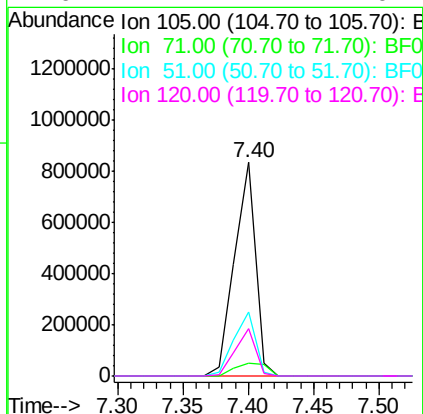
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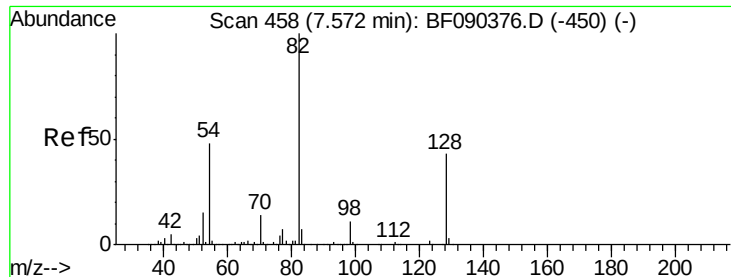
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#22
Acetophenone
Concen: 37.44 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.3	3.8	5.6#
51	30.2	28.2	42.4
120	22.1	17.4	26.2





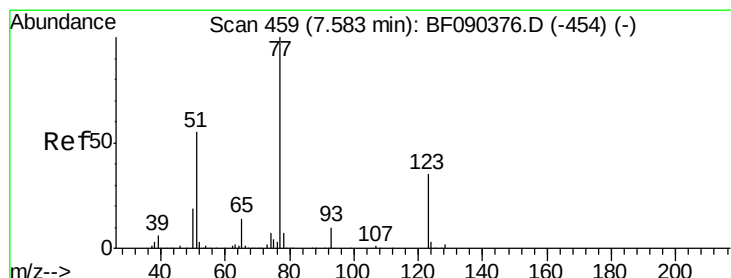
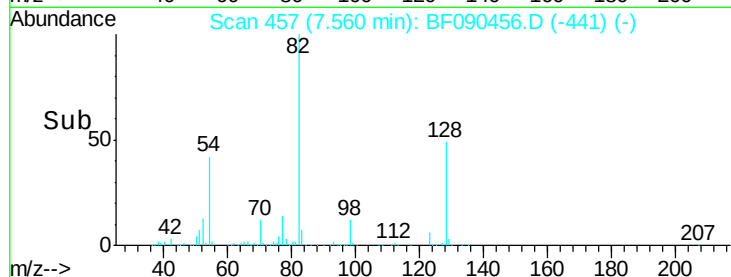
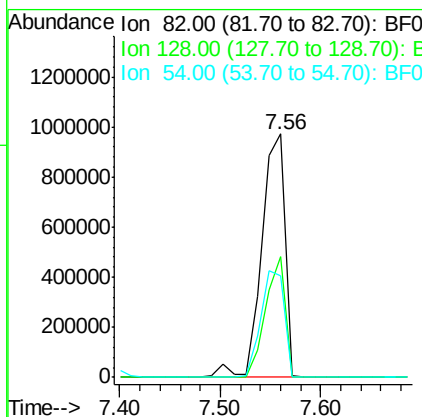
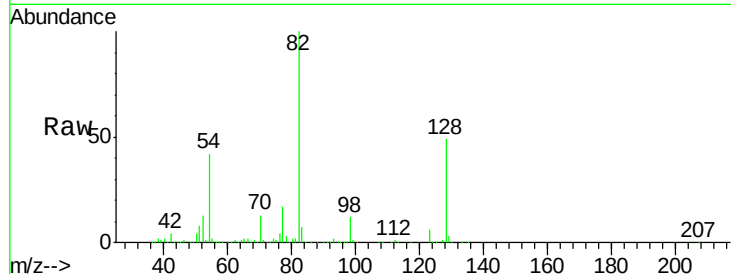
#23
Nitrobenzene-d5
Concen: 72.02 ng
RT: 7.56 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Instrument :
BNA_F
ClientSampleId :
PB93841BS

Tgt Ion: 82 Resp: 1554517
Ion Ratio Lower Upper
82 100
128 49.4 40.0 60.0
54 41.8 42.6 64.0#

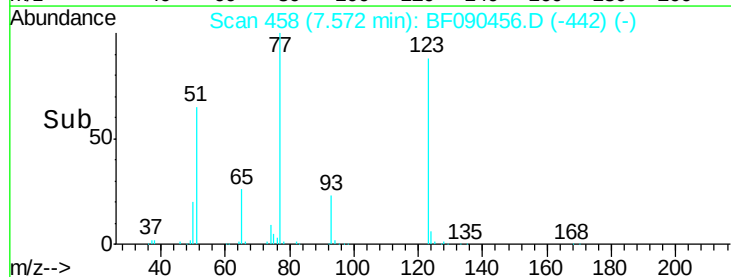
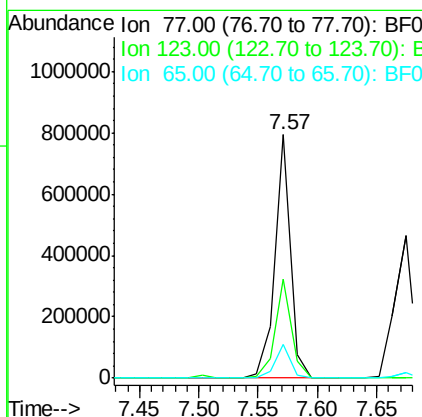
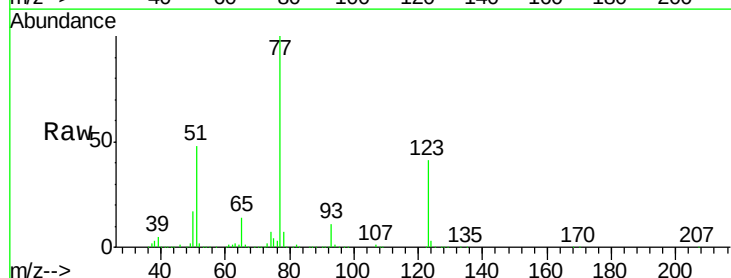
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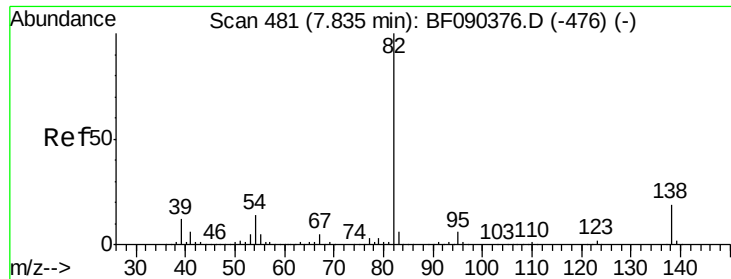
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#24
Nitrobenzene
Concen: 33.66 ng
RT: 7.57 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion: 77 Resp: 721296
Ion Ratio Lower Upper
77 100
123 40.8 33.0 49.4
65 13.7 12.0 18.0





#25

Isophorone

Concen: 33.98 ng

RT: 7.81 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampled :

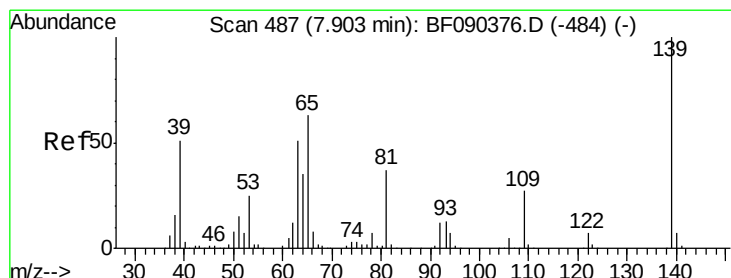
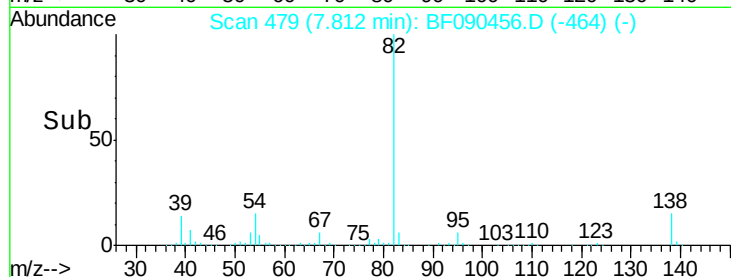
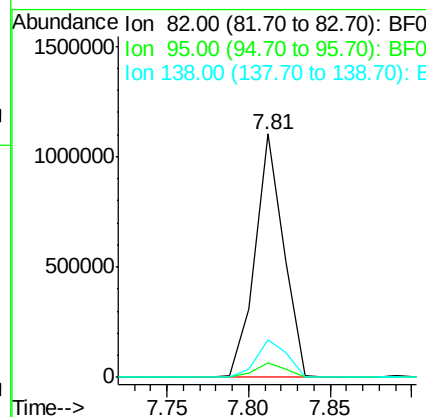
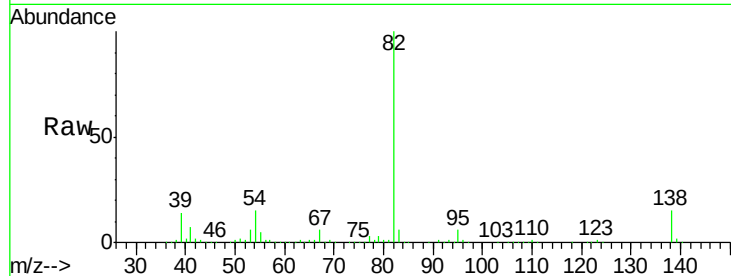
PB93841BS

Tgt Ion: 82 Resp: 1341047

Ion	Ratio	Lower	Upper
82	100		
95	6.2	5.2	7.8
138	15.3	13.0	19.4

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#26

2-Nitrophenol

Concen: 38.51 ng

RT: 7.89 min Scan# 486

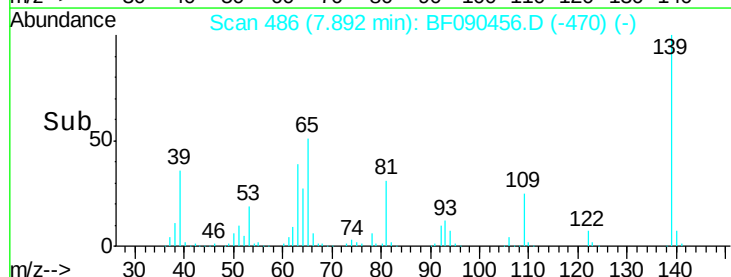
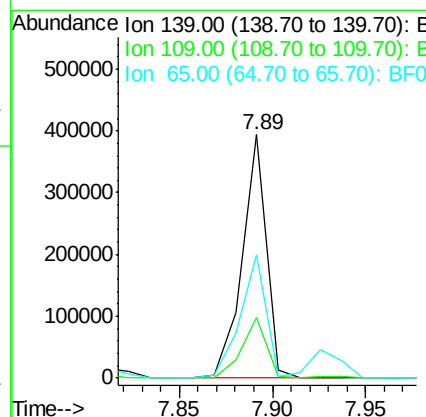
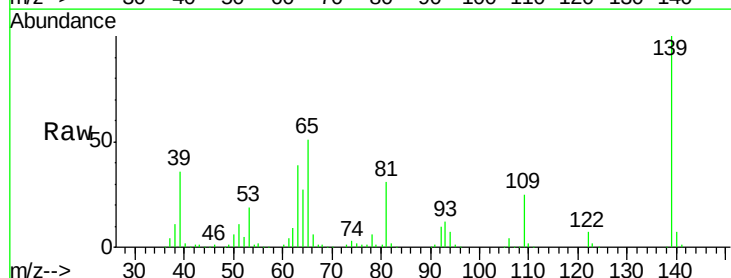
Delta R.T. -0.01 min

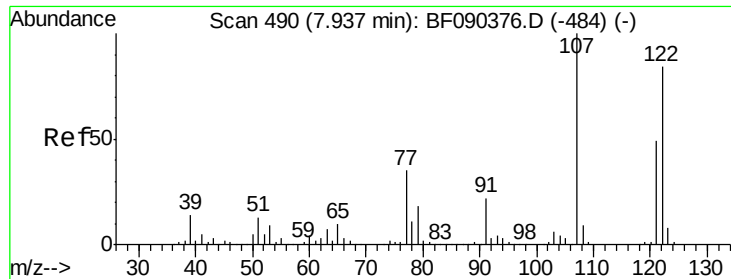
Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Tgt Ion: 139 Resp: 355148

Ion	Ratio	Lower	Upper
139	100		
109	24.6	18.9	28.3
65	50.8	31.6	47.4





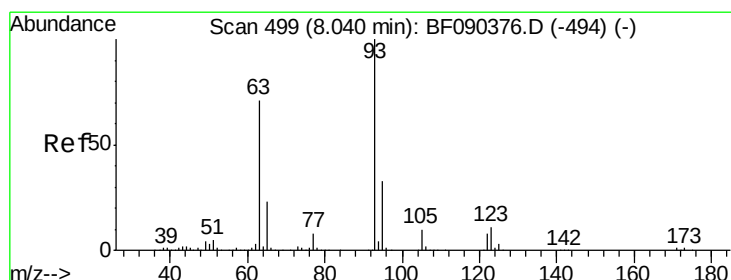
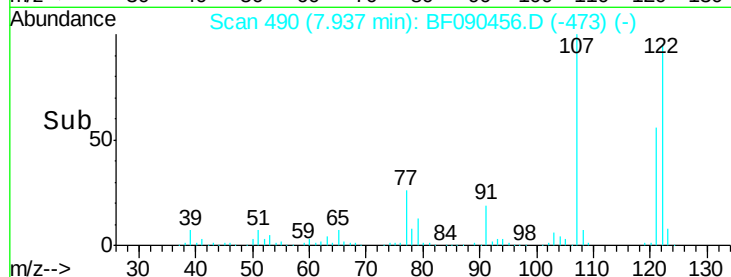
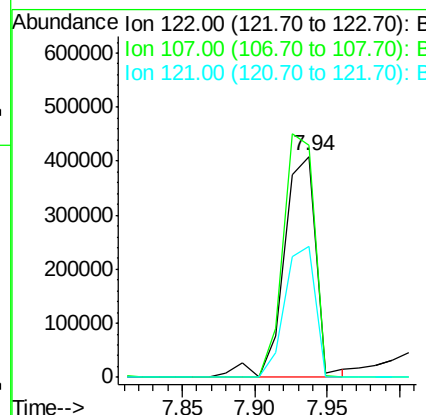
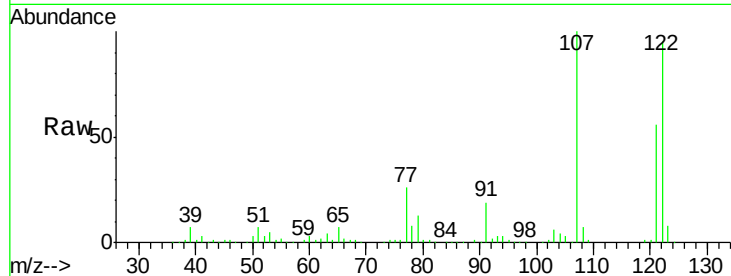
#27
 2,4-Dimethylphenol
 Concen: 35.14 ng
 RT: 7.94 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	630180		
107	104.8	88.6	132.8	
121	59.1	47.5	71.3	

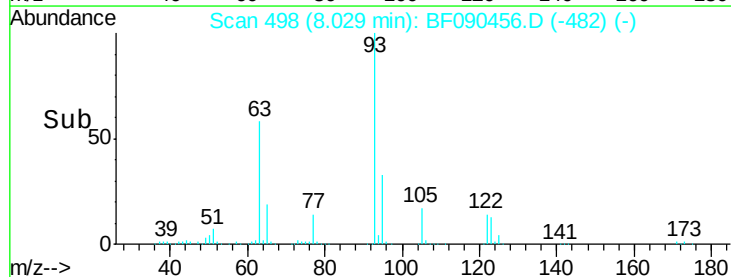
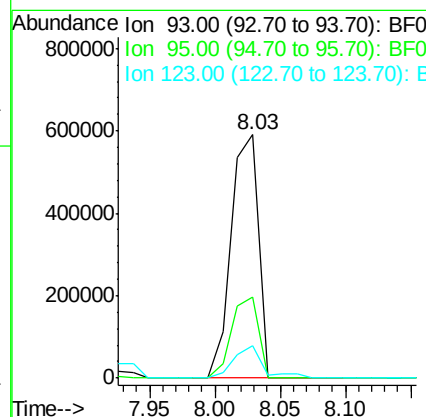
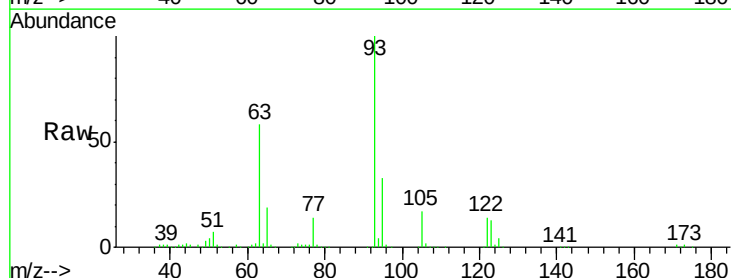
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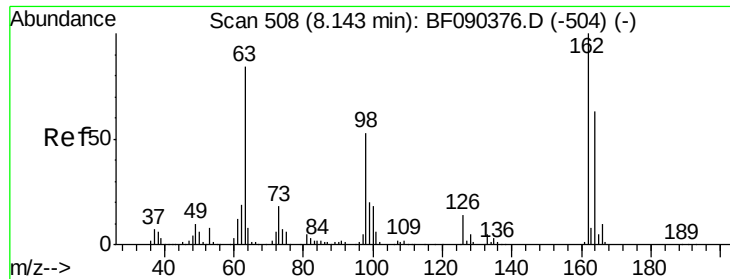
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.54 ng
 RT: 8.03 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	852814		
95	33.3	27.0	40.4	
123	13.2	11.1	16.7	





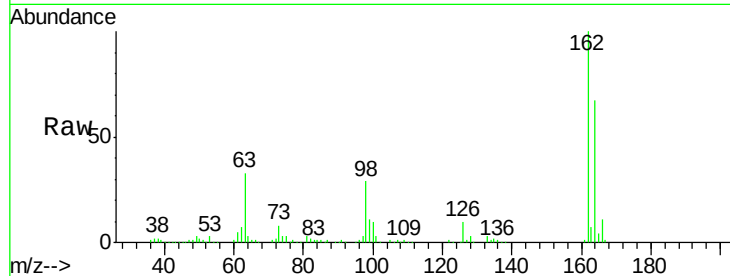
#29
 2,4-Dichlorophenol
 Concen: 36.70 ng
 RT: 8.14 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

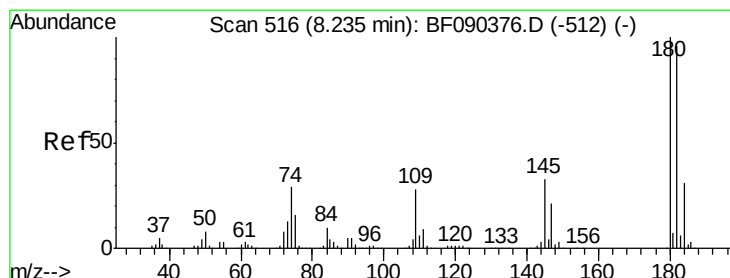
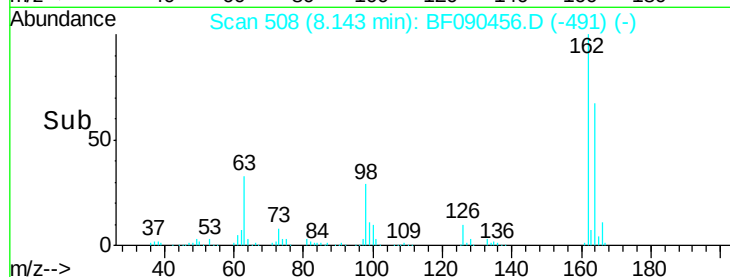
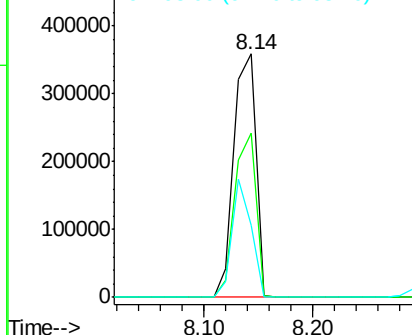
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	500439		
164	67.2	45.7	85.7	
98	29.5	13.3	53.3	

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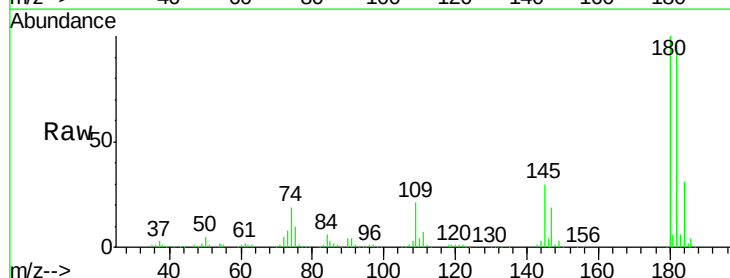


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

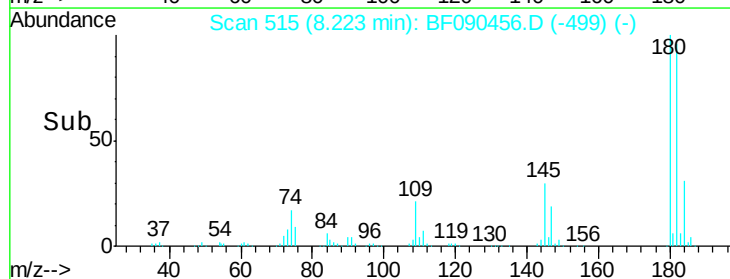
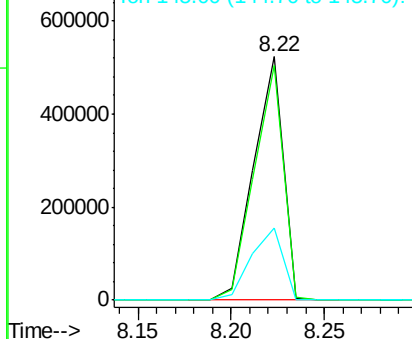


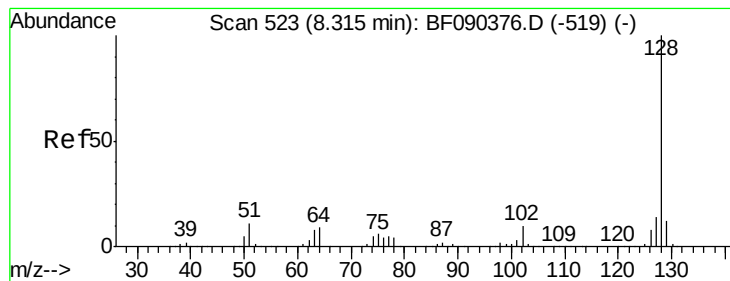
#30
 1,2,4-Trichlorobenzene
 Concen: 40.60 ng
 RT: 8.22 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	570600		
182	96.3	75.3	112.9	
145	29.7	27.7	41.5	



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: 38.76 ng

RT: 8.30 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampled :

PB93841BS

Tgt Ion:128 Resp: 1963389

Ion Ratio Lower Upper

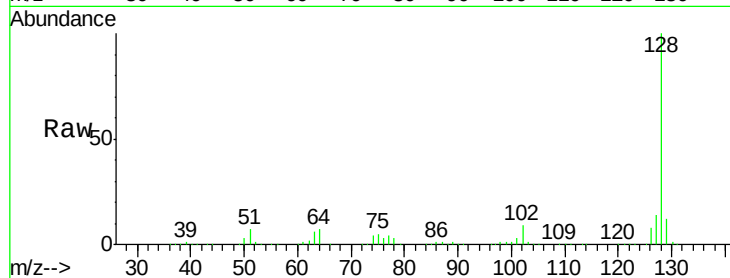
128 100

129 11.6 9.7 14.5

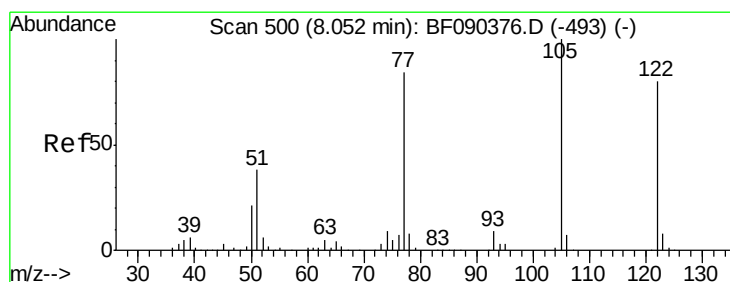
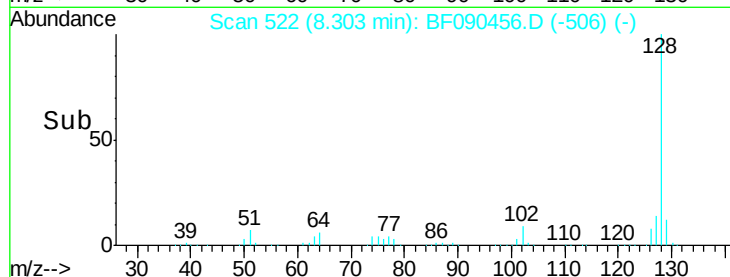
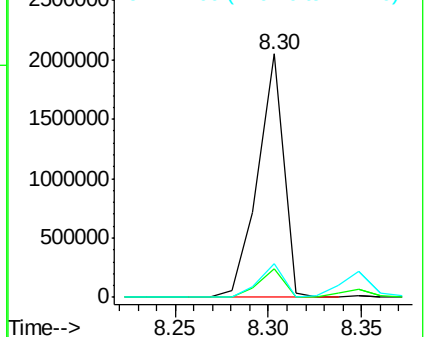
127 13.9 11.7 17.5

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



#32

Benzoic acid

Concen: 36.19 ng

RT: 8.06 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

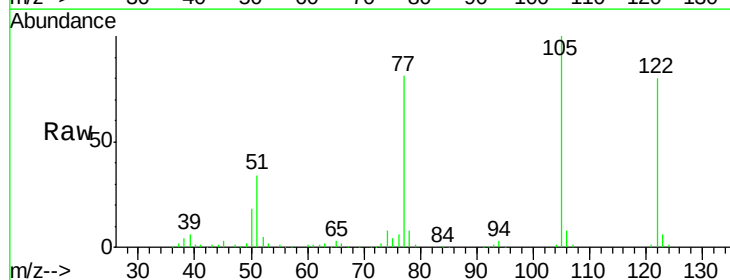
Tgt Ion:122 Resp: 451271

Ion Ratio Lower Upper

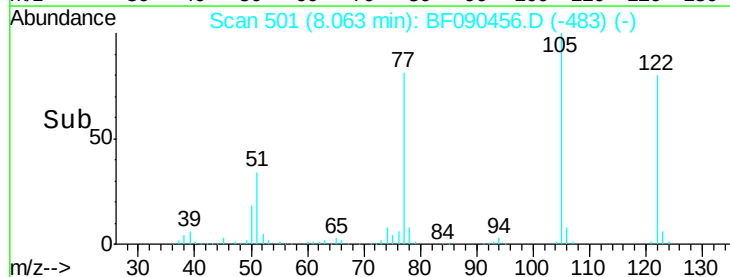
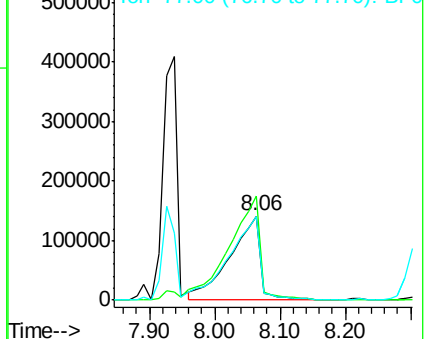
122 100

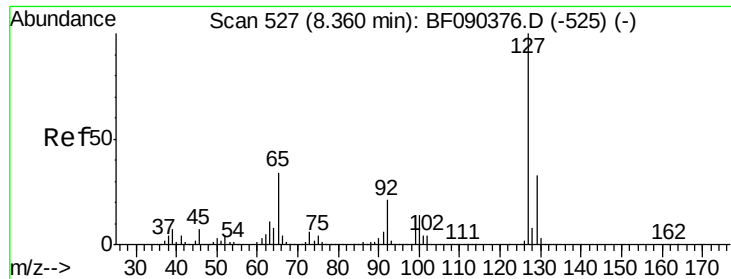
105 124.7 103.9 143.9

77 100.5 74.6 114.6



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





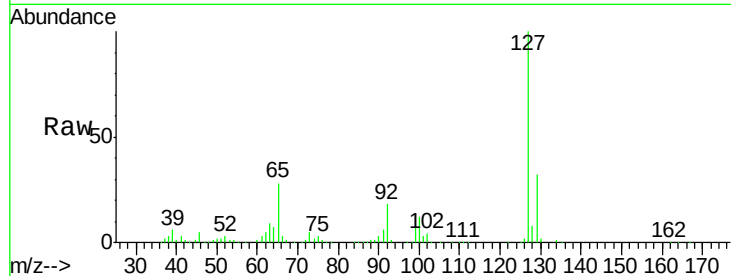
#33
4-Chloroaniline
Concen: 12.29 ng
RT: 8.35 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Instrument :
BNA_F
ClientSampleId :
PB93841BS

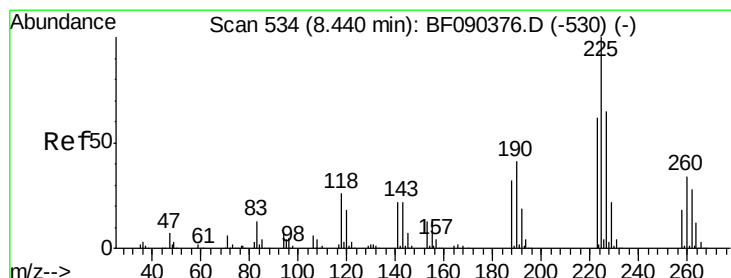
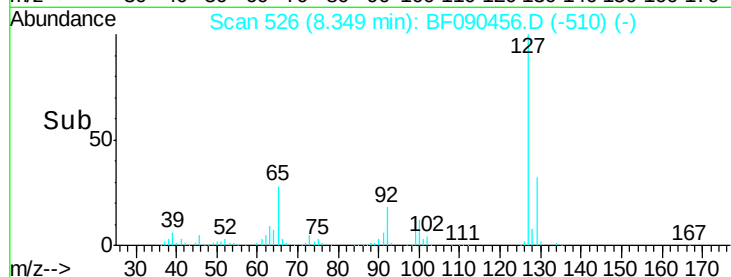
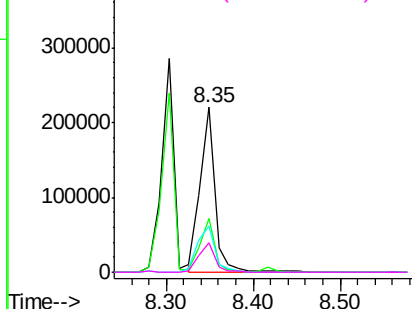
Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	32.5	26.2	39.4
65	28.1	32.5	48.7
92	18.3	17.2	25.8

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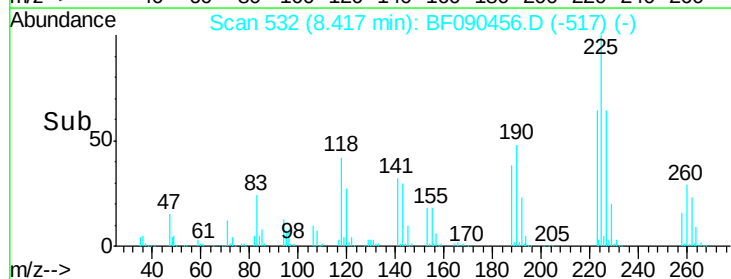
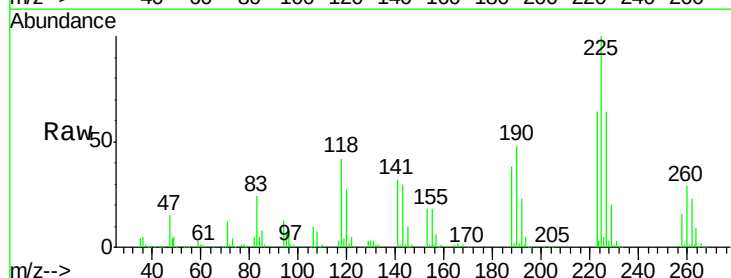
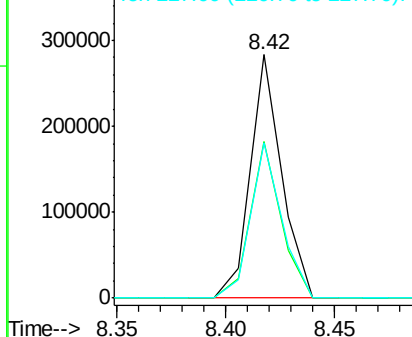
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

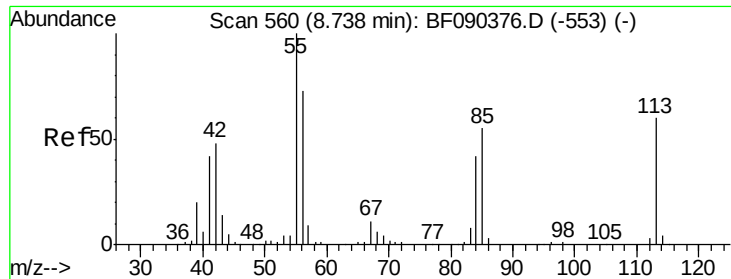


#34
Hexachlorobutadiene
Concen: 36.02 ng
RT: 8.42 min Scan# 532
Delta R.T. -0.02 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.1	51.0	76.4
227	63.9	50.8	76.2

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





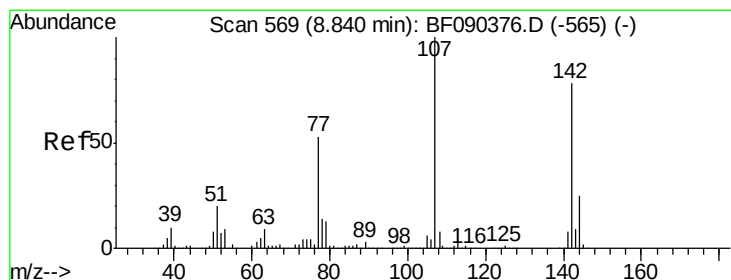
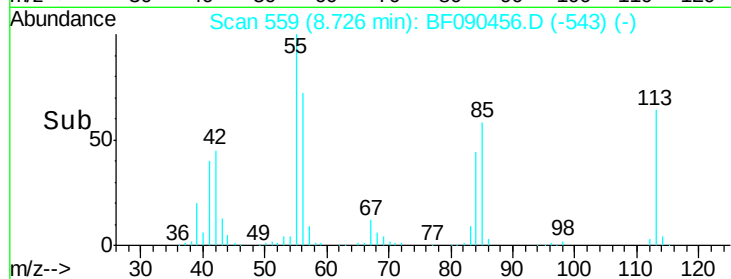
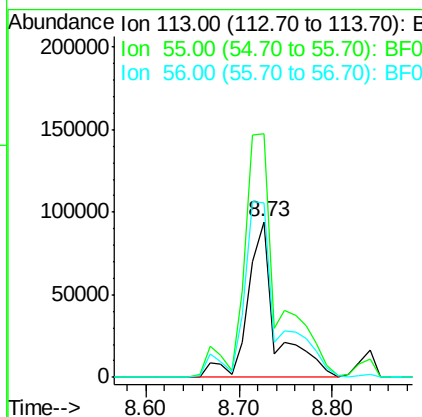
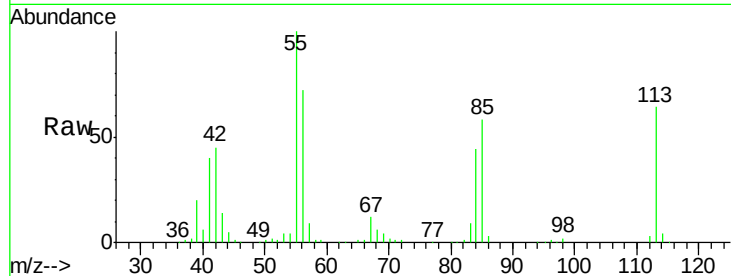
#35
 Caprolactam
 Concen: 43.50 ng
 RT: 8.73 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	199413		
55	156.8	203.3	243.3#	
56	112.4	140.5	180.5#	

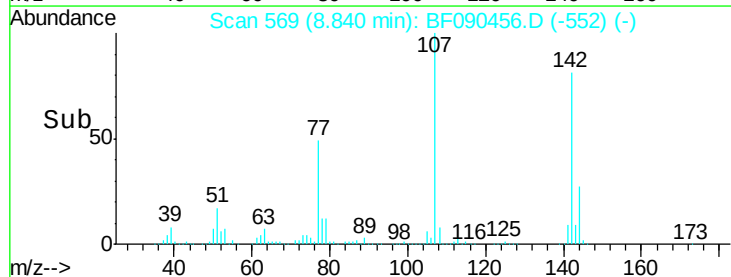
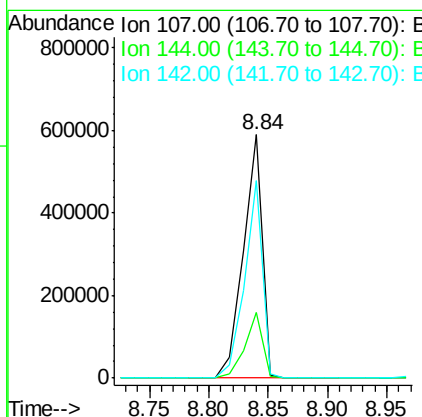
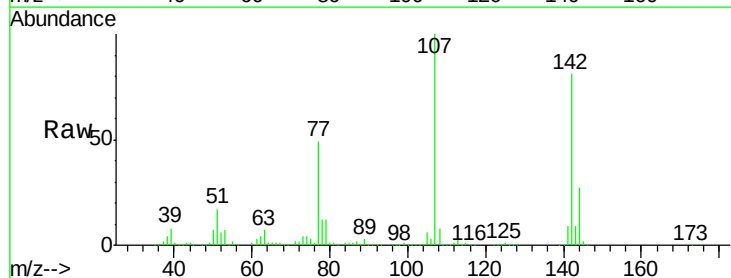
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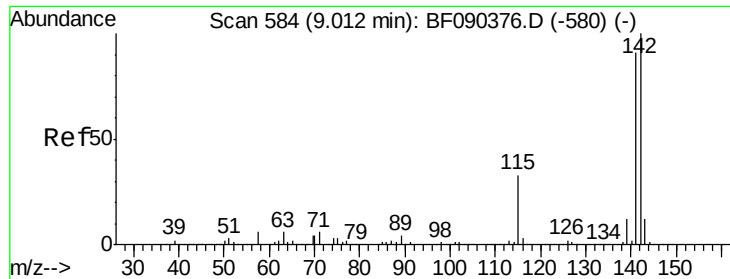
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#36
 4-Chloro-3-methylphenol
 Concen: 38.68 ng
 RT: 8.84 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	660447		
144	26.8	19.8	29.8	
142	80.9	60.7	91.1	





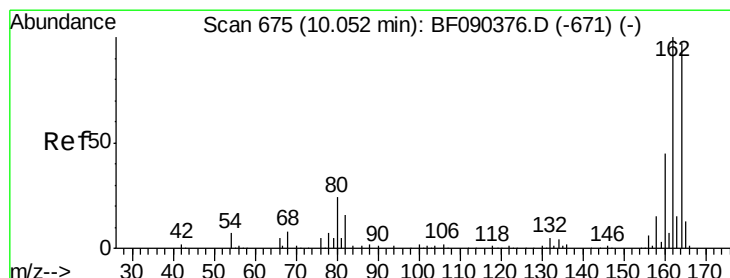
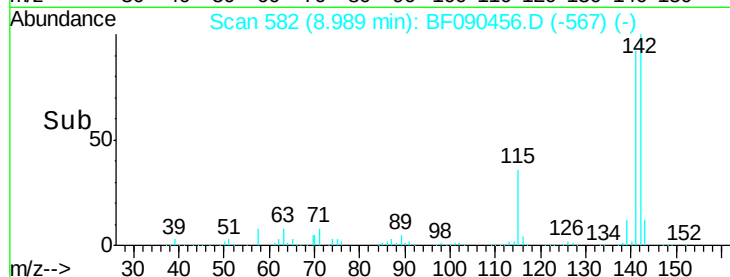
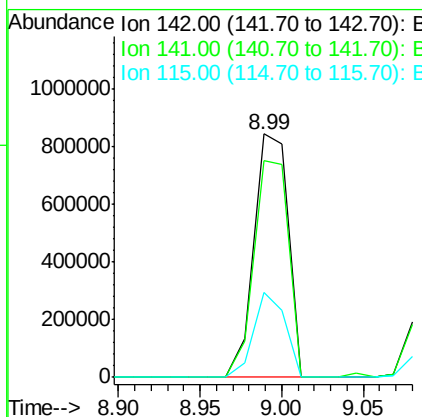
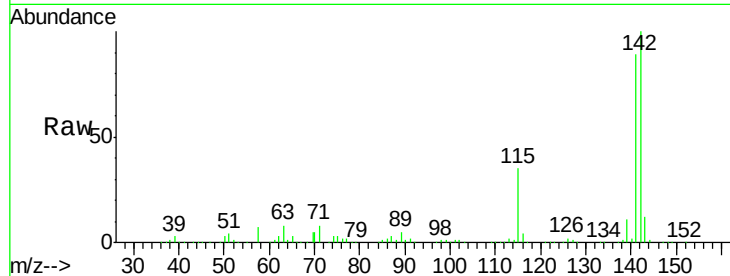
#37
 2-Methylnaphthalene
 Concen: 40.21 ng
 RT: 8.99 min Scan# 582
 Delta R.T. -0.02 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampled :
 PB93841BS

Tgt Ion:142 Resp: 1232807
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.8 107.8
 115 34.9 28.8 43.2

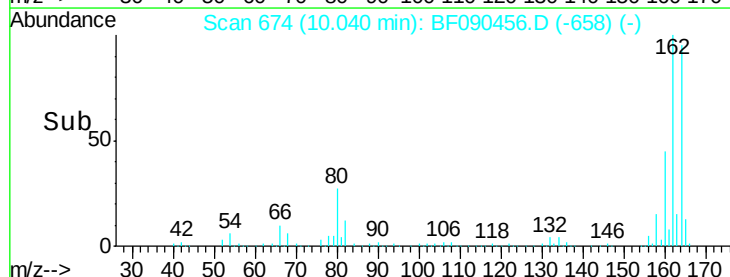
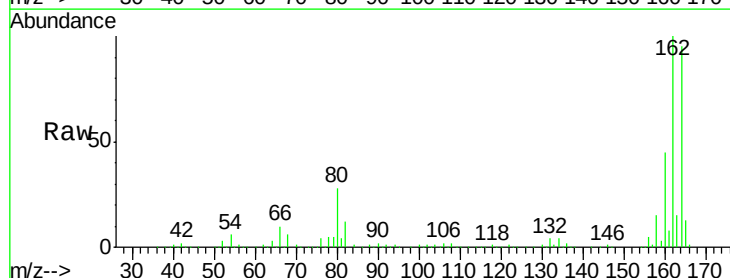
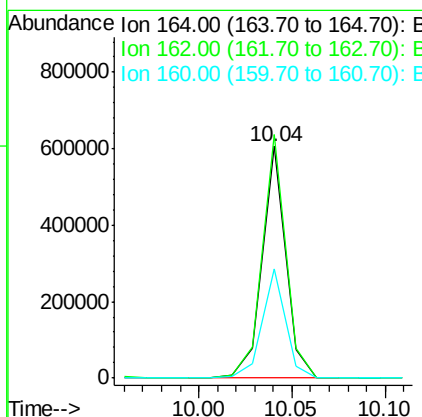
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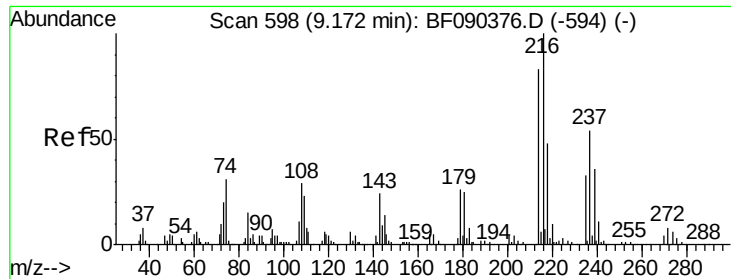
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion:164 Resp: 524573
 Ion Ratio Lower Upper
 164 100
 162 105.1 80.1 120.1
 160 47.2 36.3 54.5





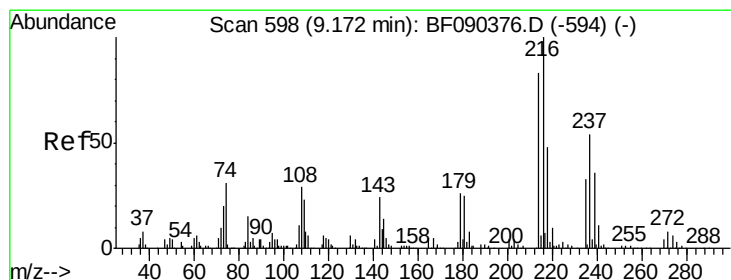
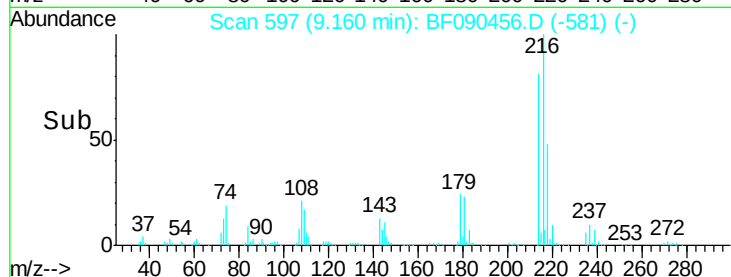
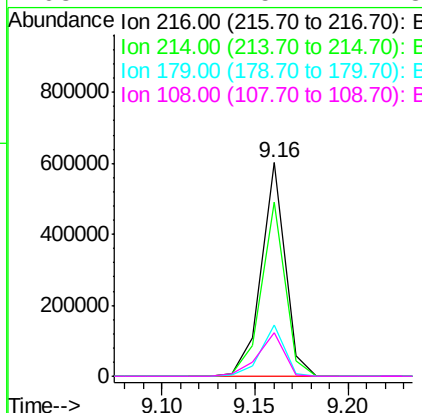
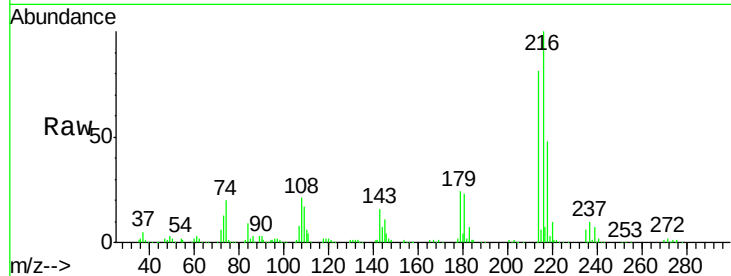
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.55 ng
 RT: 9.16 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

Tgt Ion:	216	Resp:	533183
Ion Ratio	Lower	Upper	
216	100		
214	80.4	64.2	96.2
179	23.6	18.0	27.0
108	22.4	15.2	22.8

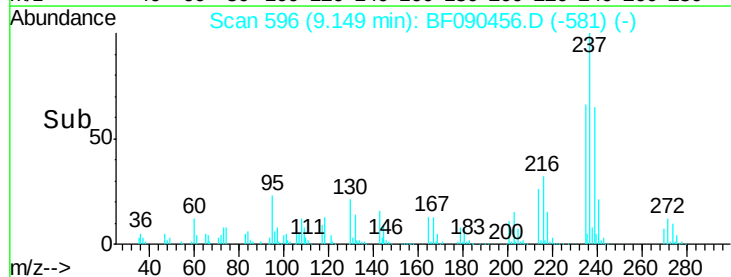
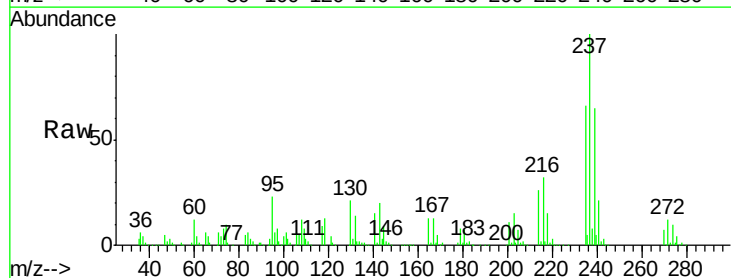
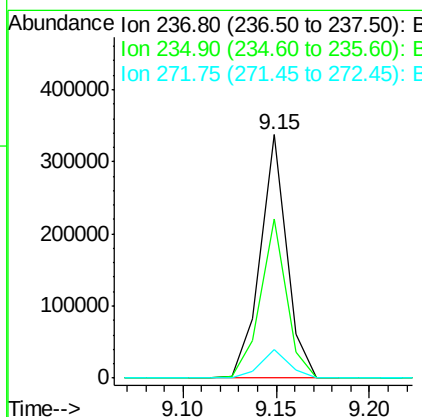
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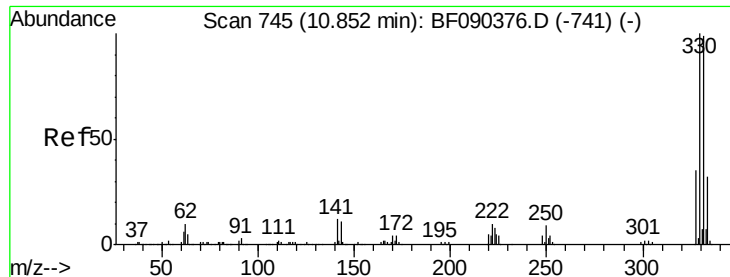
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#40
 Hexachlorocyclopentadiene
 Concen: 43.83 ng
 RT: 9.15 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion:	237	Resp:	332275
Ion Ratio	Lower	Upper	
237	100		
235	65.5	43.6	83.6
272	11.9	0.0	32.7





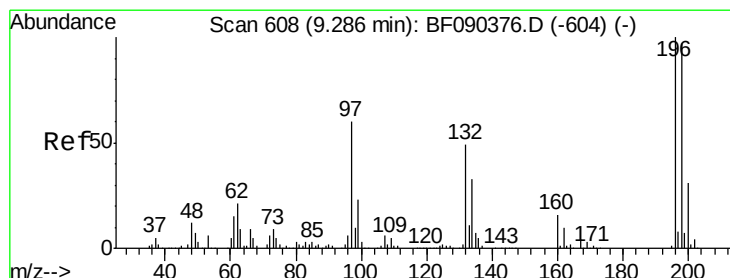
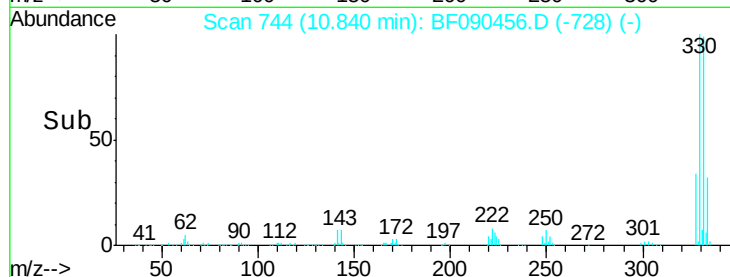
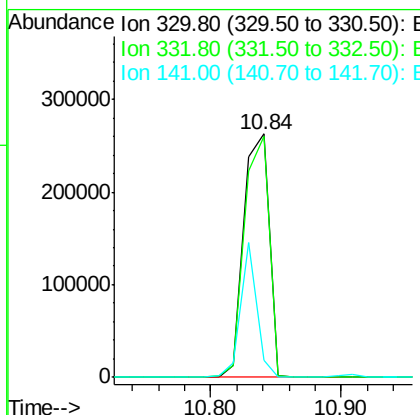
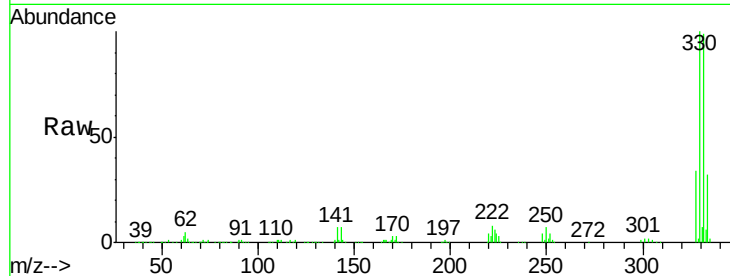
#41
 2,4,6-Tribromophenol
 Concen: 83.29 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	355253		
332	96.4	75.4	113.0	
141	35.1	26.9	40.3	

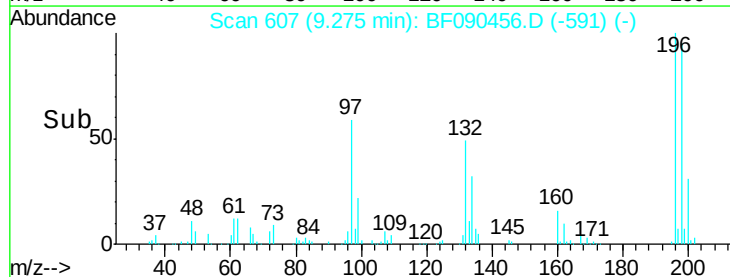
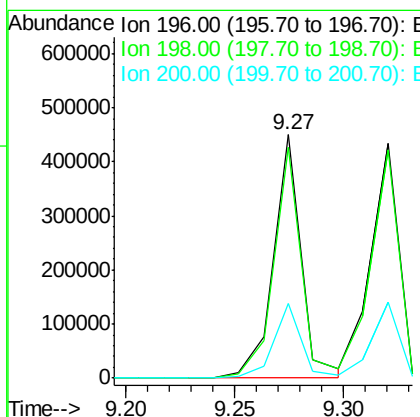
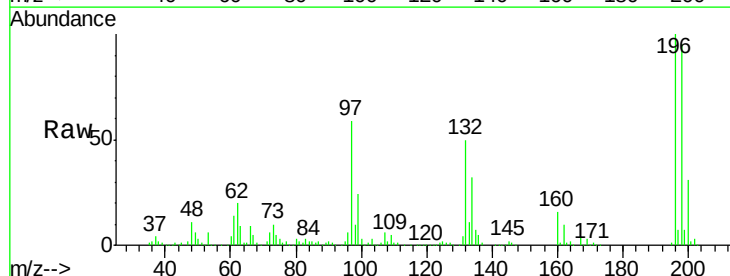
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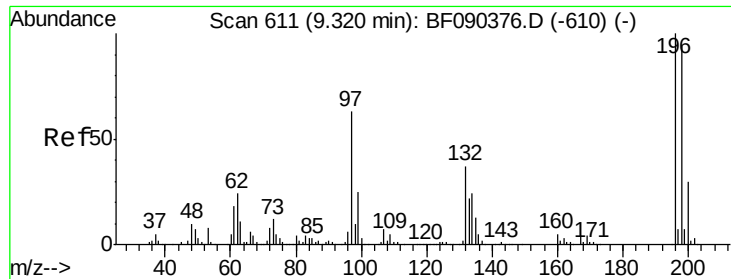
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#42
 2,4,6-Trichlorophenol
 Concen: 42.23 ng
 RT: 9.27 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

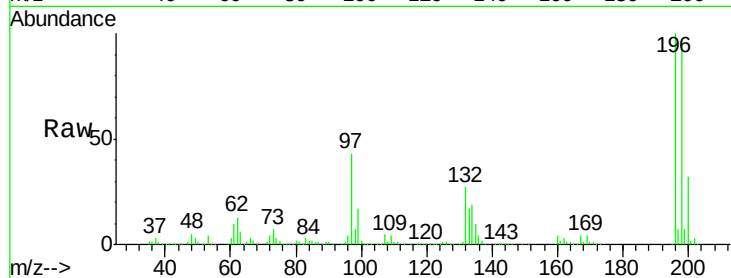
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	403062		
198	94.9	78.9	118.3	
200	30.8	25.4	38.2	





#43
 2,4,5-Trichlorophenol
 Concen: 43.14 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

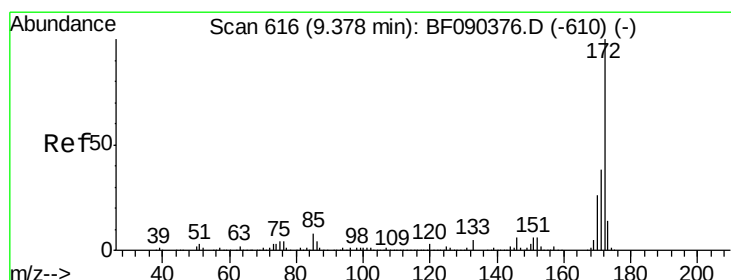
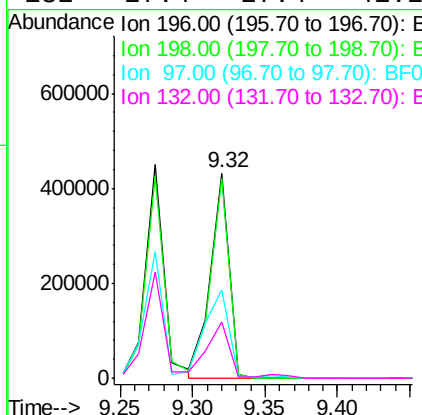
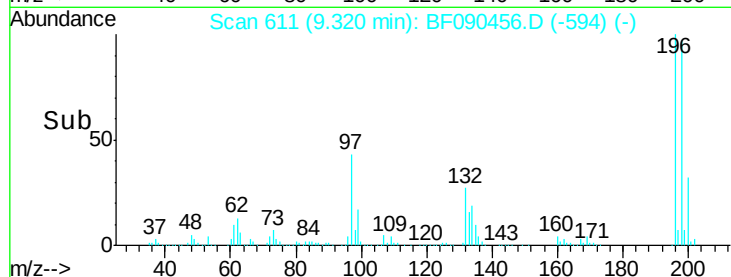
Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS



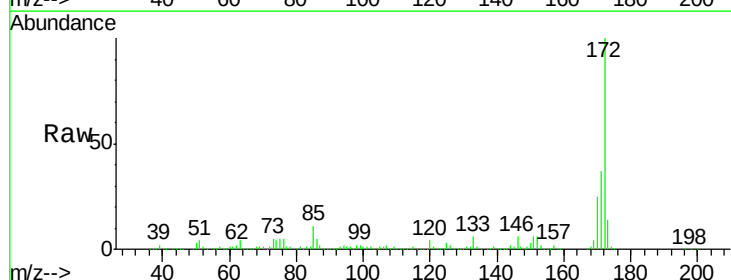
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	389317		
198	97.5	78.1	117.1	
97	43.2	48.1	72.1	#
132	27.4	27.4	41.2	#

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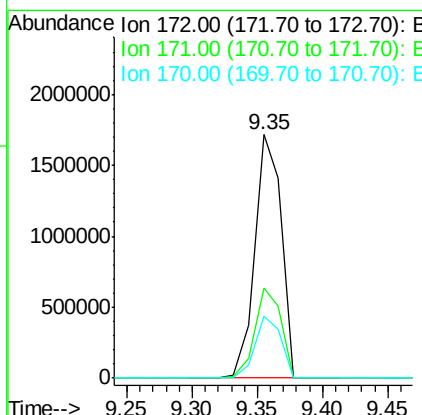
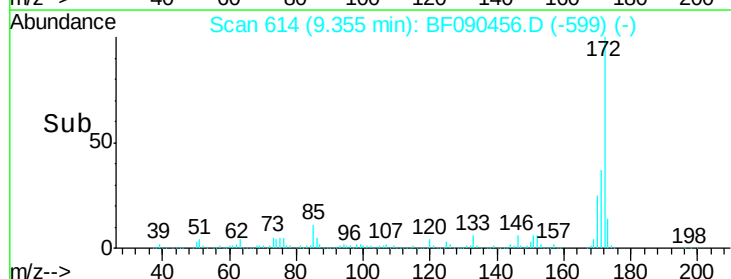
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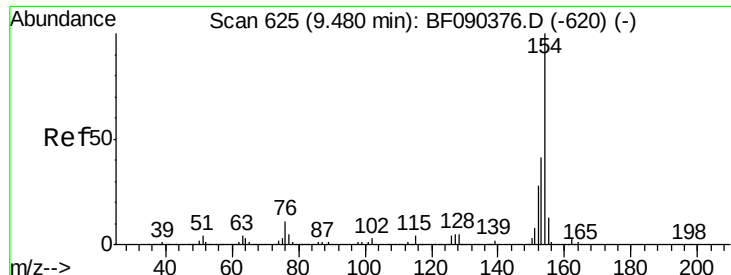


#44
 2-Fluorobiphenyl
 Concen: 76.87 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2420205		
171	37.0	31.8	47.8	
170	25.2	21.7	32.5	





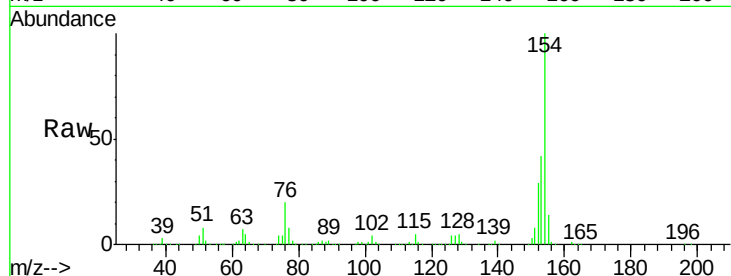
#45
 1,1'-Biphenyl
 Concen: 35.12 ng
 RT: 9.46 min Scan# 623
 Delta R.T. -0.02 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

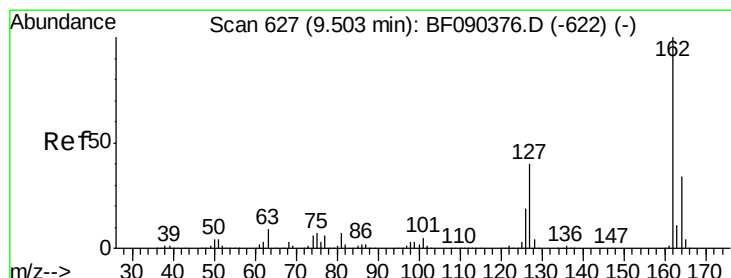
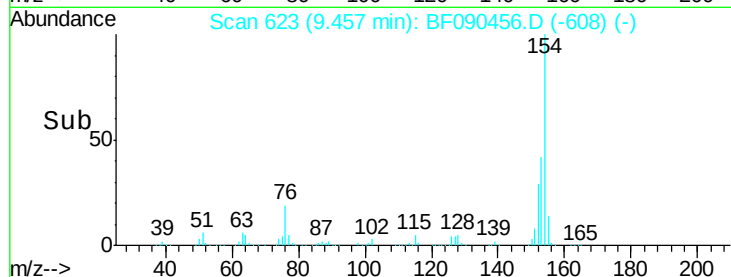
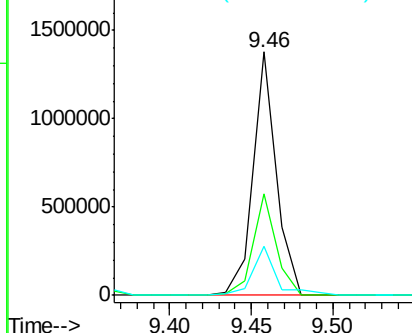
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	23.8	63.8
76	19.9	0.0	35.8

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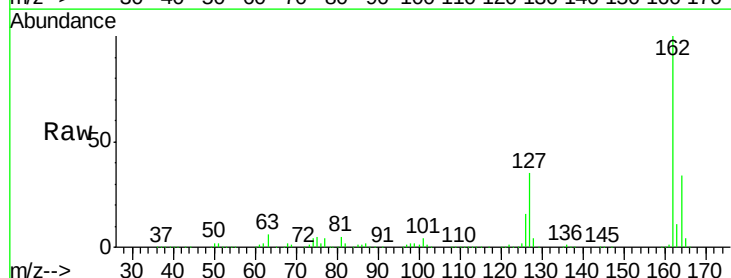


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

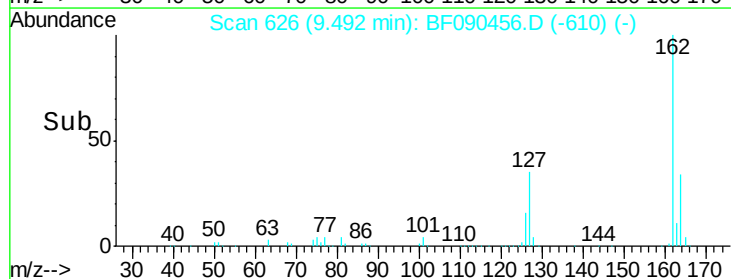
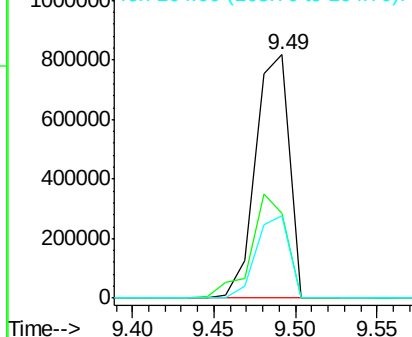


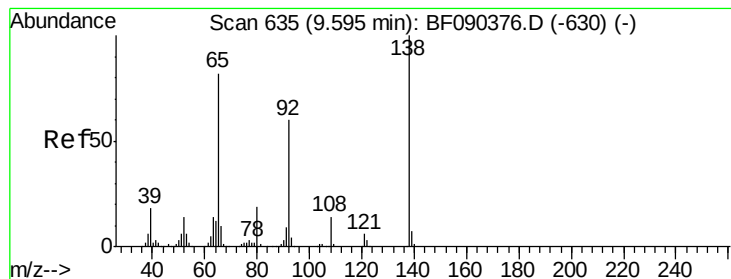
#46
 2-Chloronaphthalene
 Concen: 40.79 ng
 RT: 9.49 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.7	35.6	53.4#
164	34.0	27.5	41.3



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: 39.14 ng

RT: 9.58 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampled :

PB93841BS

Tgt Ion: 65 Resp: 443562
Ion Ratio Lower Upper

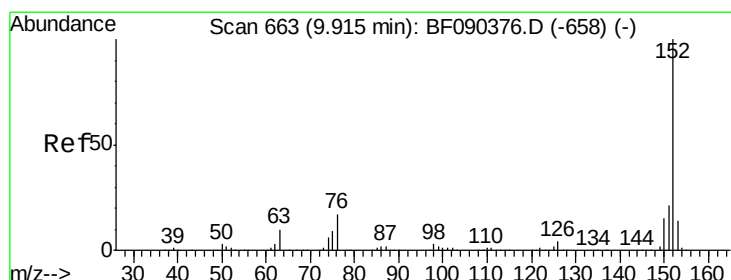
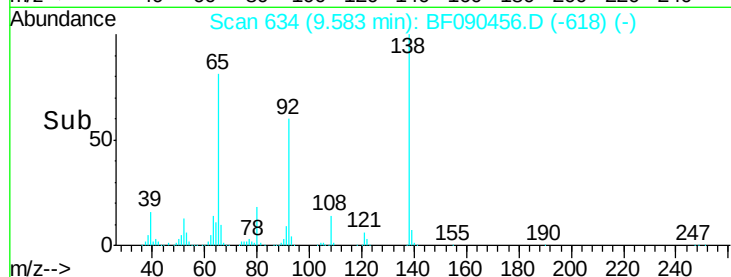
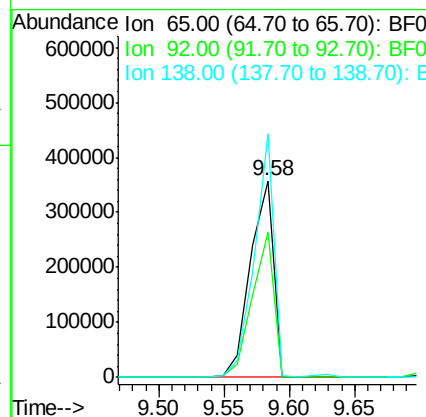
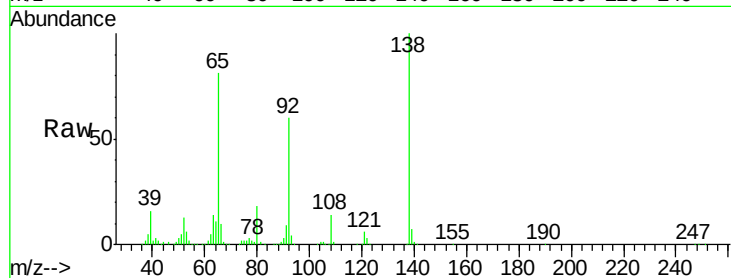
65 100

92 73.9 51.7 77.5

138 123.7 79.0 118.4#

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#48

Acenaphthylene

Concen: 36.65 ng

RT: 9.90 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF090456.D

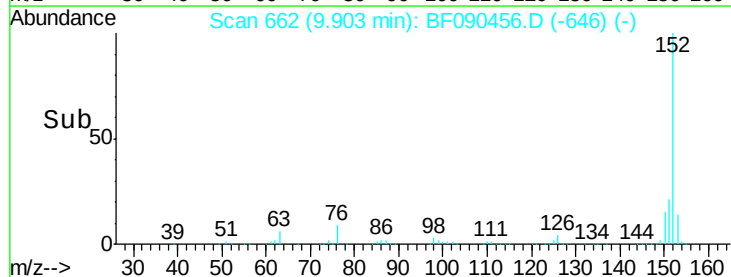
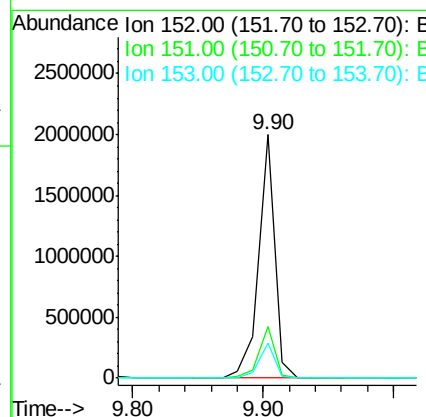
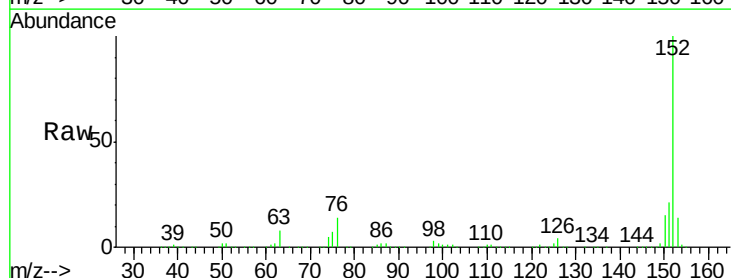
Acq: 7 Oct 2016 21:02

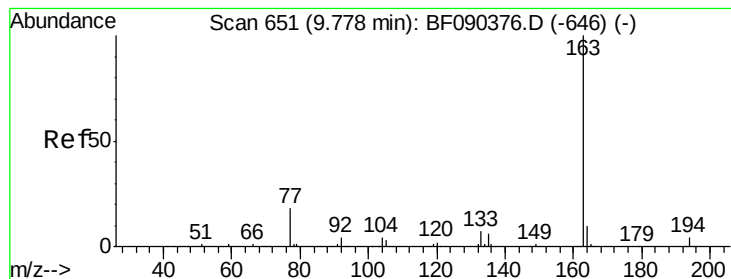
Tgt Ion: 152 Resp: 1736839
Ion Ratio Lower Upper

152 100

151 21.3 17.4 26.0

153 14.2 11.6 17.4





#49

Dimethylphthalate

Concen: 42.70 ng

RT: 9.77 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampleId :

PB93841BS

Tgt Ion:163 Resp: 1434365

Ion Ratio Lower Upper

163 100

194 4.0 2.8 4.2

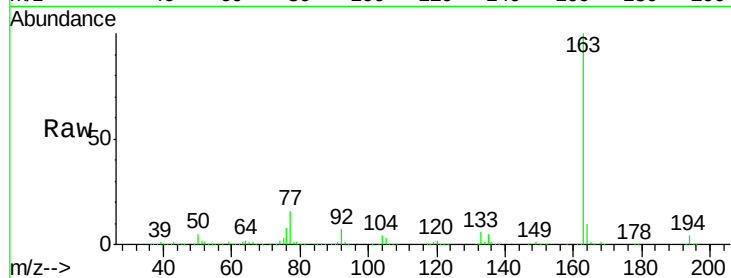
164 10.2 9.0 13.4

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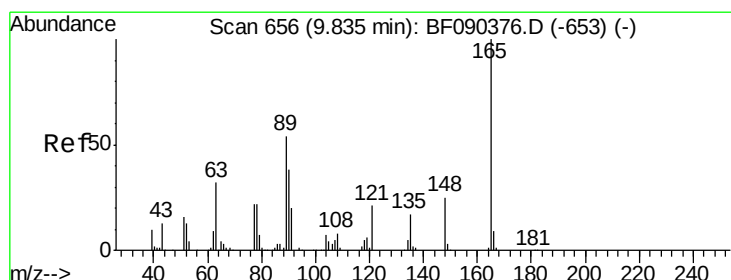
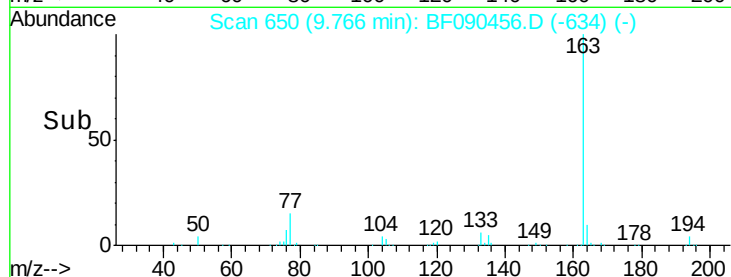
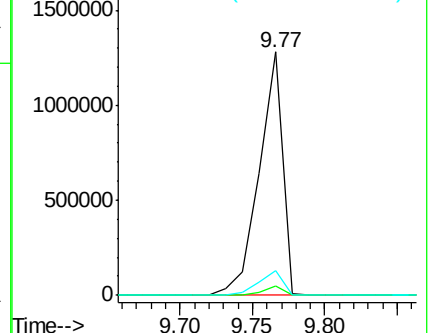
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.50 ng

RT: 9.82 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

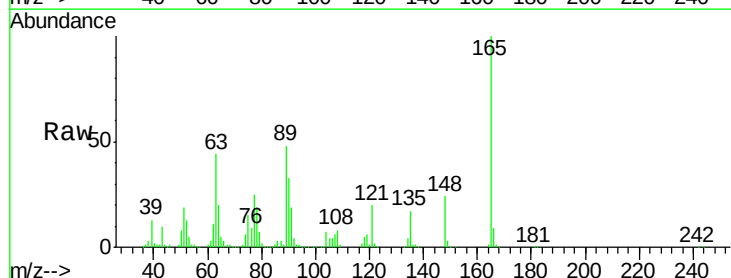
Tgt Ion:165 Resp: 339362

Ion Ratio Lower Upper

165 100

63 44.2 58.0 87.0#

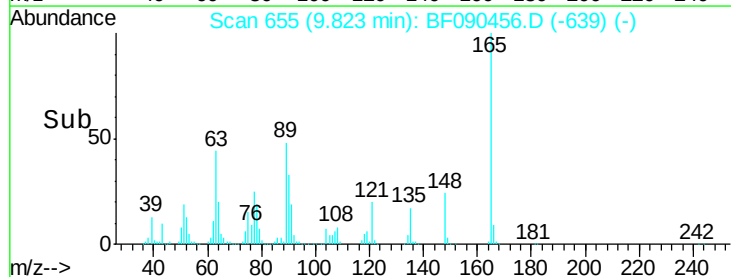
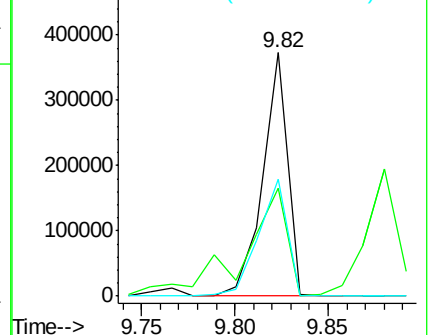
89 48.0 51.2 76.8#

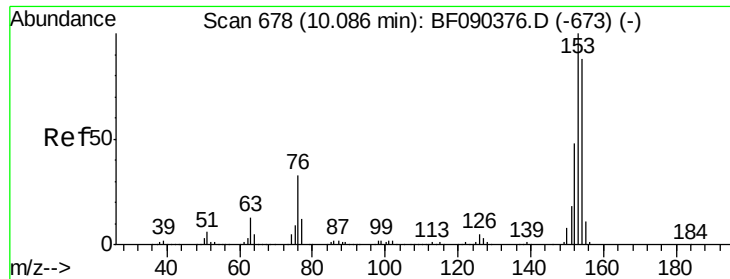


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.19 ng

RT: 10.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampleId :

PB93841BS

Tgt Ion:154 Resp: 1128423

Ion Ratio Lower Upper

154 100

153 114.0 88.6 133.0

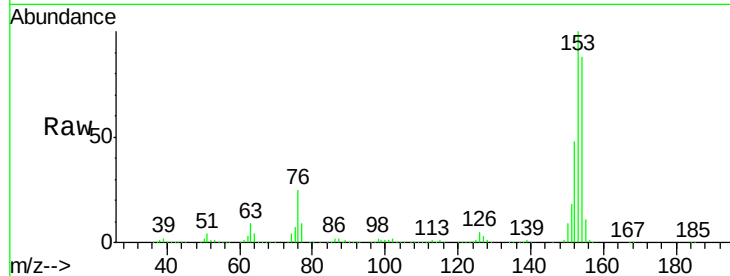
152 54.7 42.6 64.0

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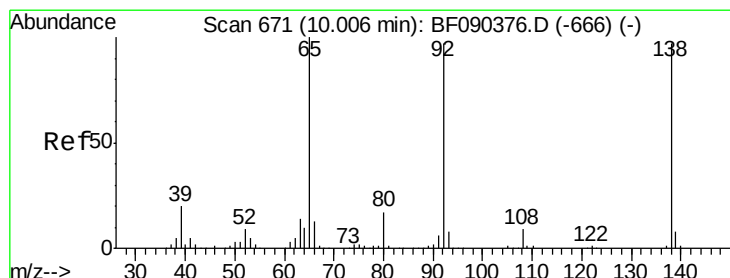
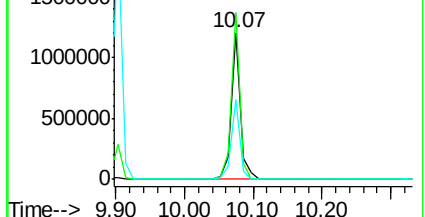
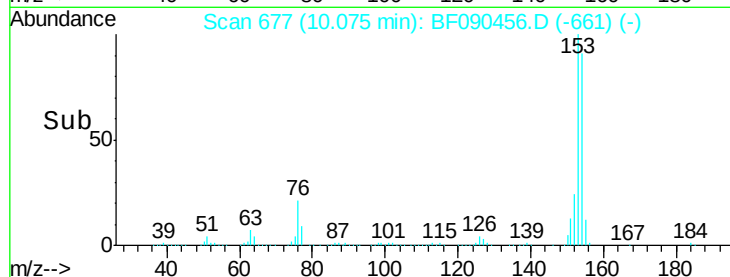
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.88 ng

RT: 9.98 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

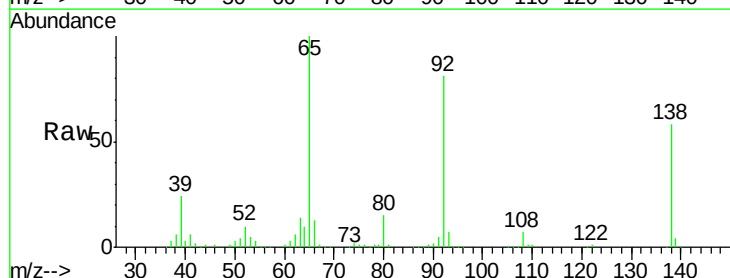
Tgt Ion:138 Resp: 199348

Ion Ratio Lower Upper

138 100

108 11.2 9.7 14.5

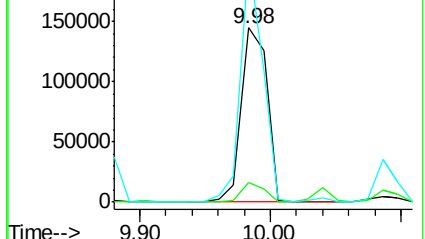
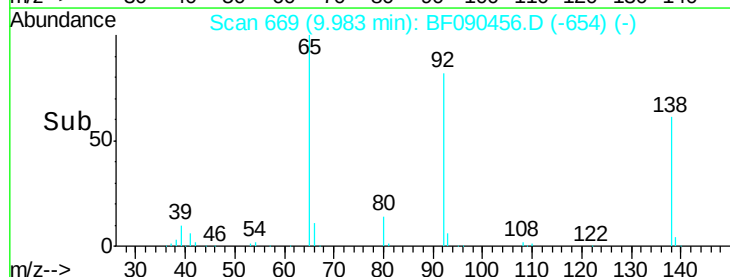
92 140.0 97.1 145.7

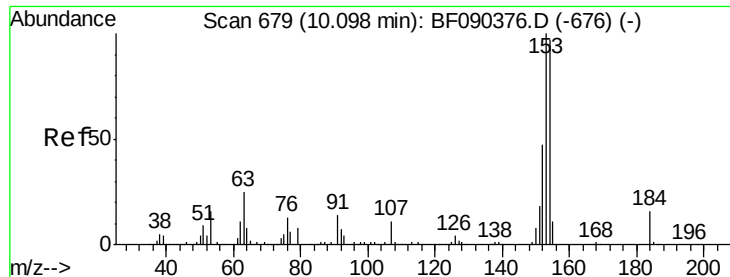


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





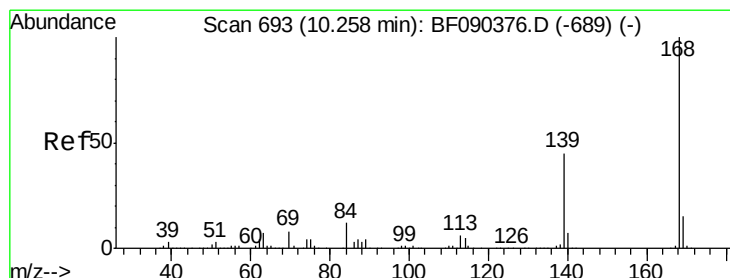
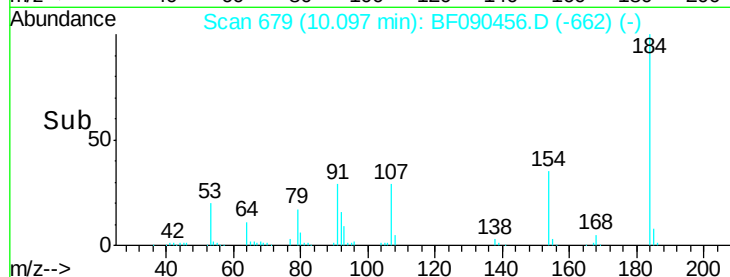
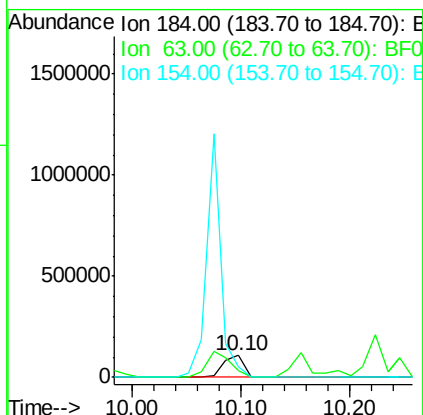
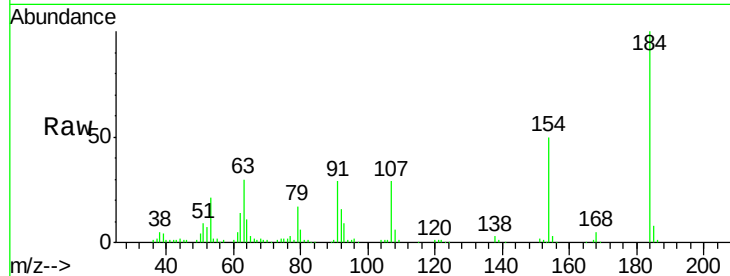
#53
2,4-Dinitrophenol
Concen: 42.72 ng
RT: 10.10 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Instrument :
BNA_F
ClientSampleId :
PB93841BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	142068		
63	30.4	41.9	62.9#	
154	50.4	48.9	73.3	

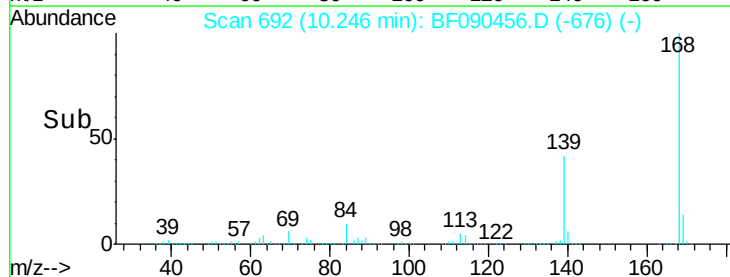
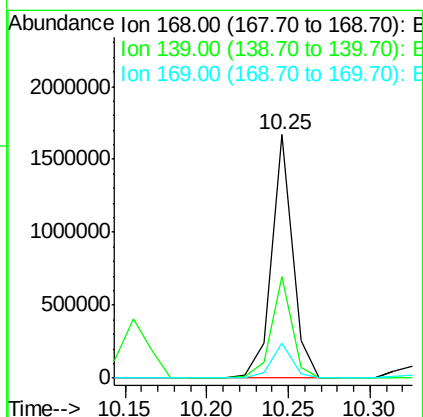
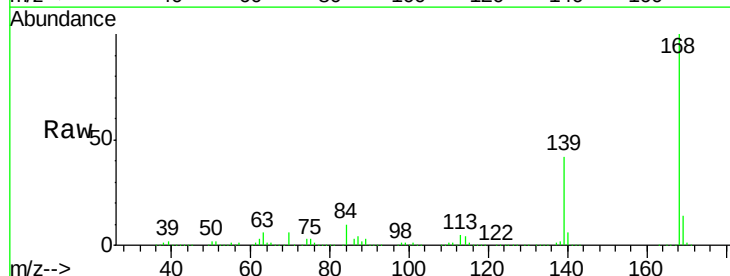
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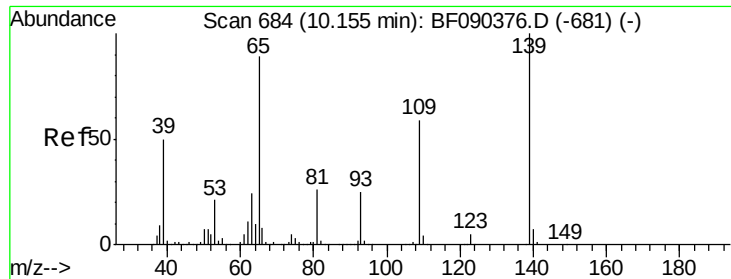
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#54
Dibenzofuran
Concen: 39.31 ng
RT: 10.25 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1503421		
139	41.9	29.6	44.4	
169	14.4	11.3	16.9	





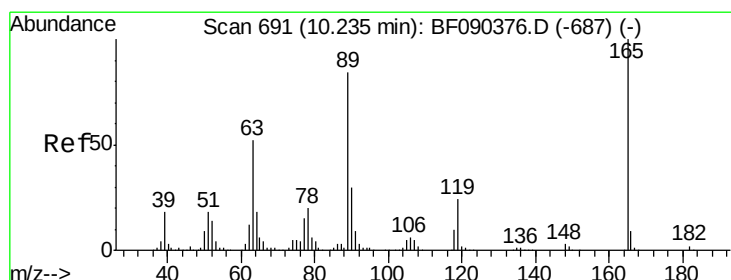
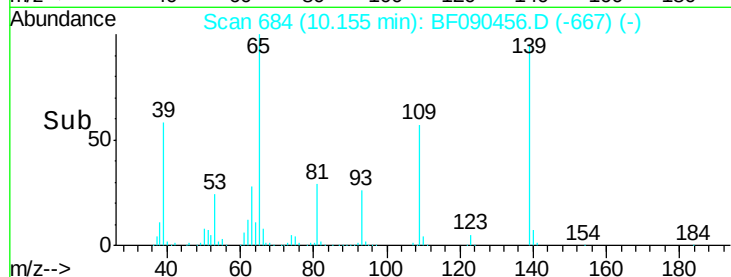
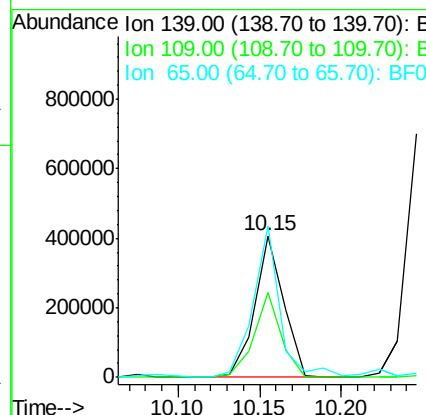
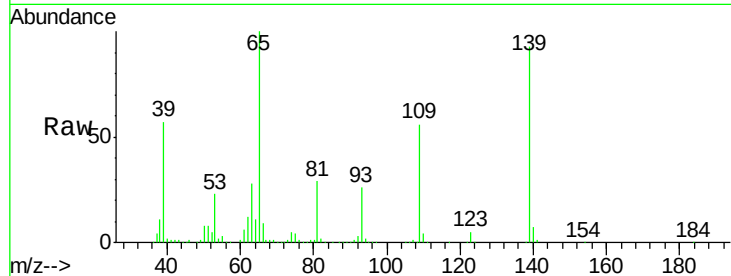
#55
4-Nitrophenol
Concen: 66.04 ng
RT: 10.15 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Instrument :
BNA_F
ClientSampleId :
PB93841BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	503484		
109	60.2	43.6	83.6	
65	107.1	87.5	127.5	

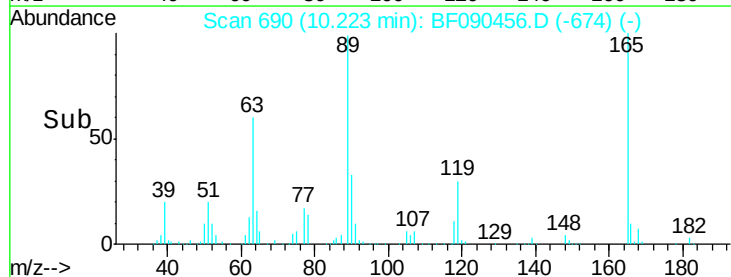
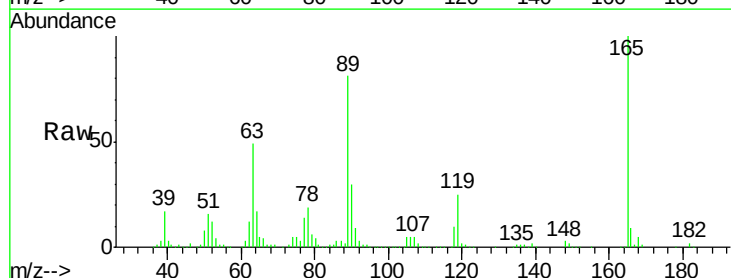
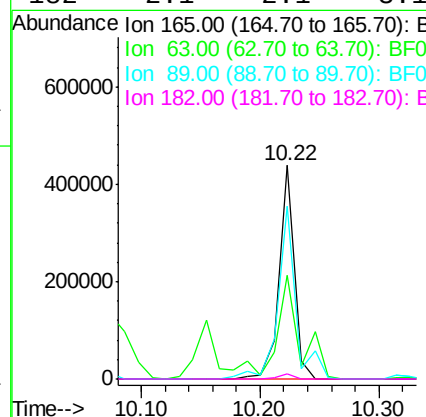
Manual Integrations
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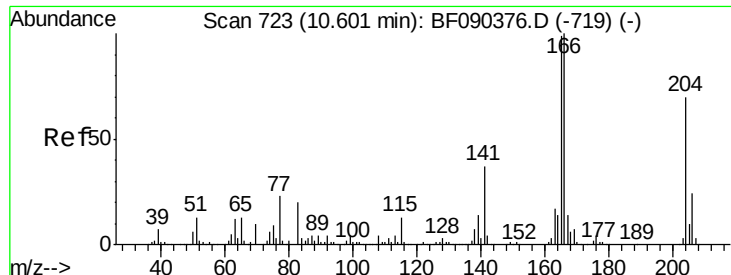
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#56
2,4-Dinitrotoluene
Concen: 39.24 ng
RT: 10.22 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	389516		
63	48.7	17.8	26.6#	
89	80.8	33.2	49.8#	
182	2.1	2.1	3.1	





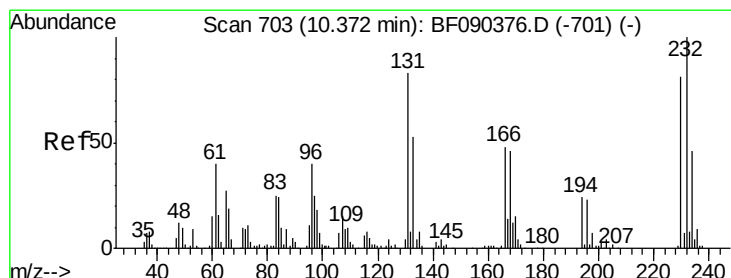
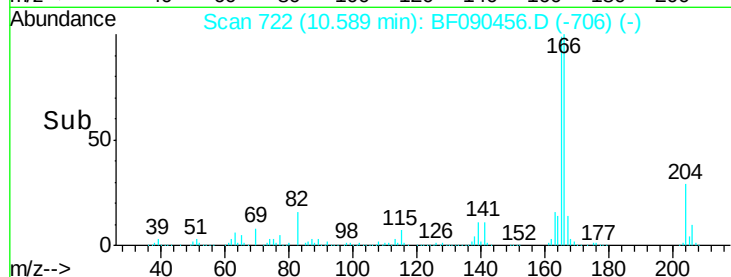
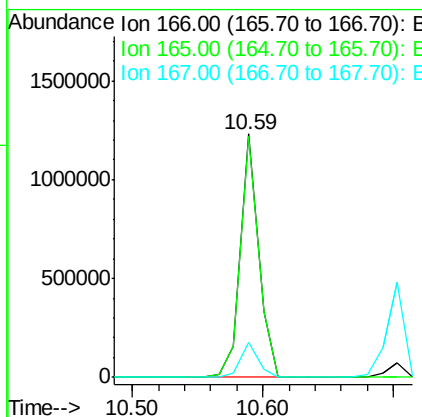
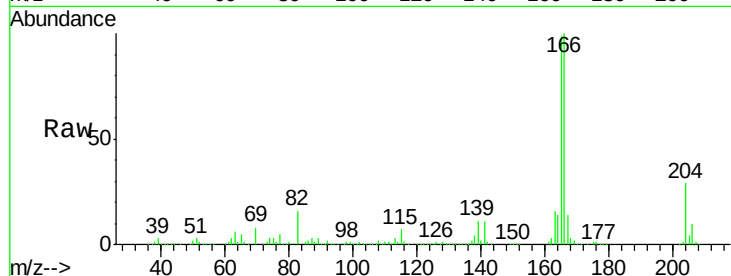
#57
Fluorene
 Concen: 37.09 ng
 RT: 10.59 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.2	118.8
167	14.1	11.1	16.7

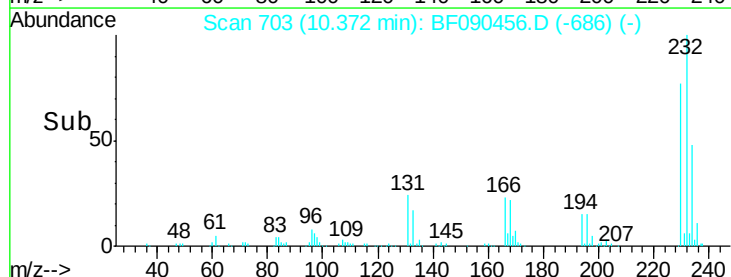
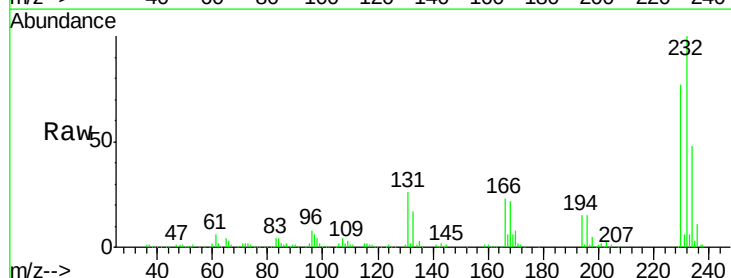
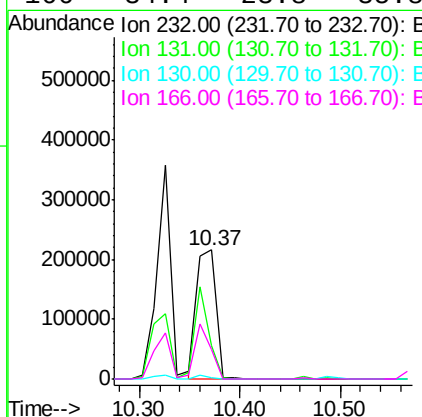
Manual Integrations
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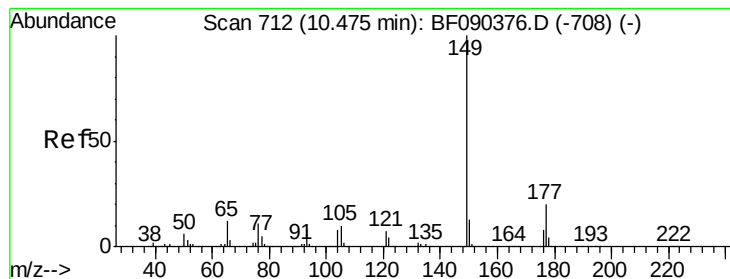
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.64 ng
 RT: 10.37 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.3	34.5	51.7
130	2.2	1.6	2.4
166	34.4	23.8	35.8





#59

Diethylphthalate

Concen: 40.42 ng

RT: 10.46 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampleId :

PB93841BS

Tgt Ion:149 Resp: 1405088

Ion Ratio Lower Upper

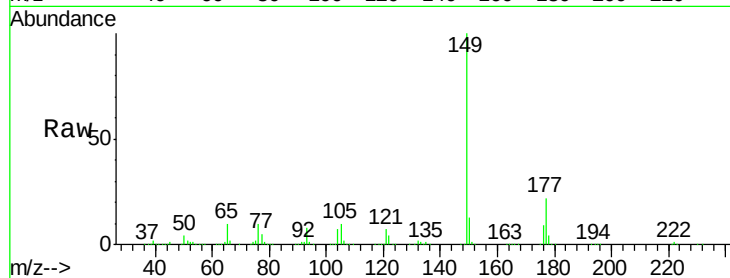
149 100

177 22.0 21.1 31.7

150 13.0 10.2 15.2

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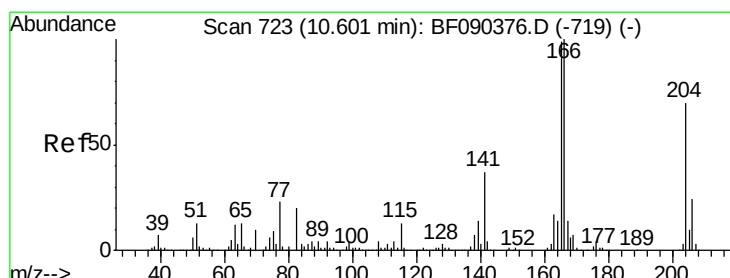
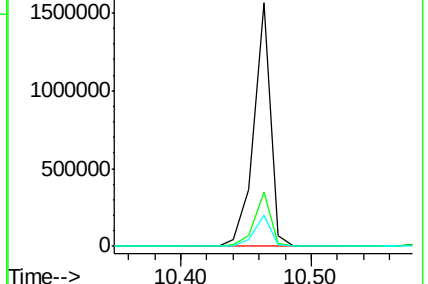
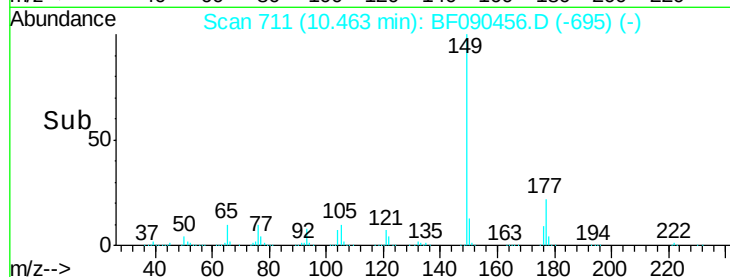
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.71 ng

RT: 10.58 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

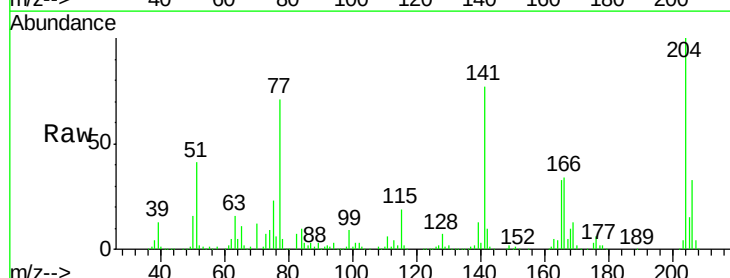
Tgt Ion:204 Resp: 580271

Ion Ratio Lower Upper

204 100

206 32.9 26.7 40.1

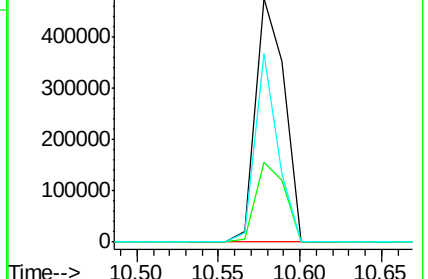
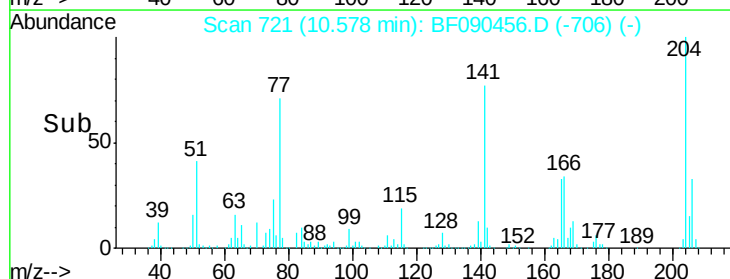
141 77.2 51.7 77.5

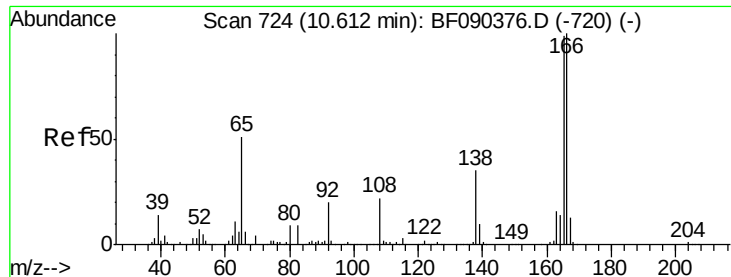


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.73 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

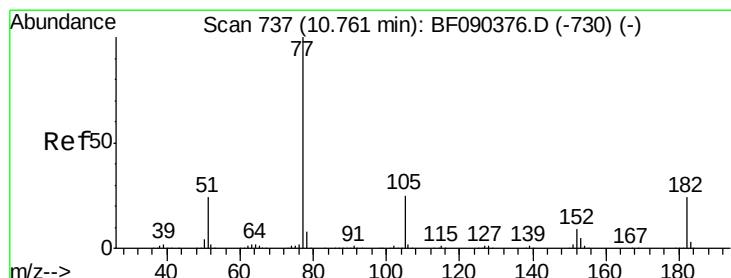
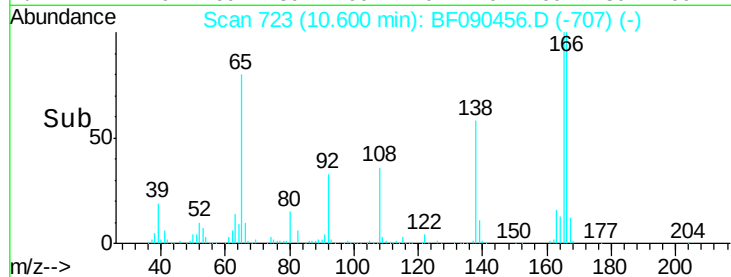
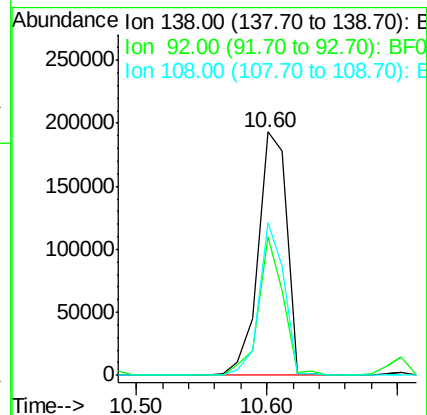
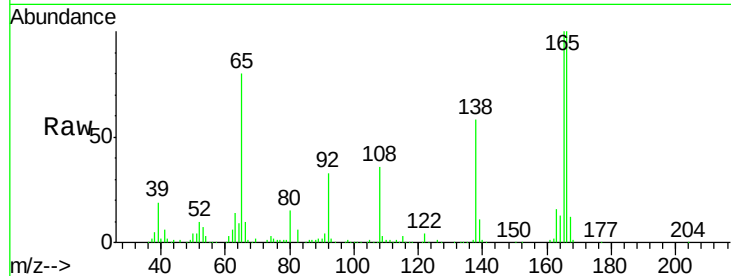
ClientSampled :

PB93841BS

Tgt Ion:	138	Resp:	296157
Ion Ratio	Lower	Upper	
138	100		
92	57.1	33.2	73.2
108	62.6	48.5	88.5

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#62

Azobenzene

Concen: 38.80 ng

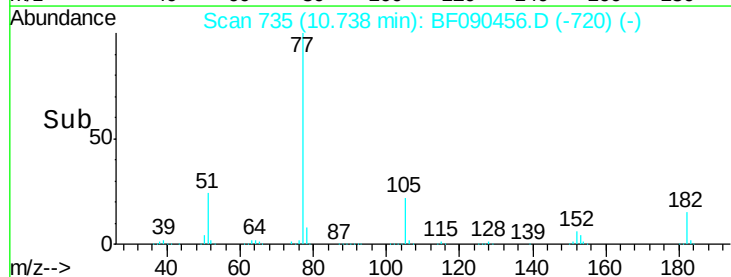
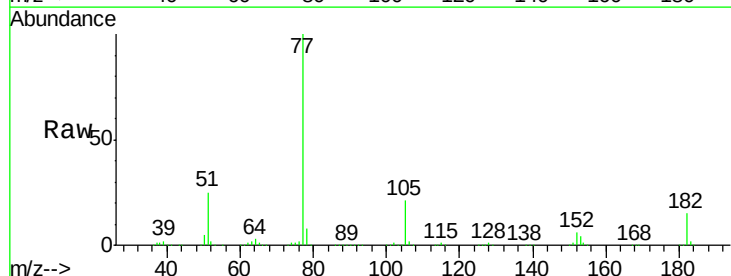
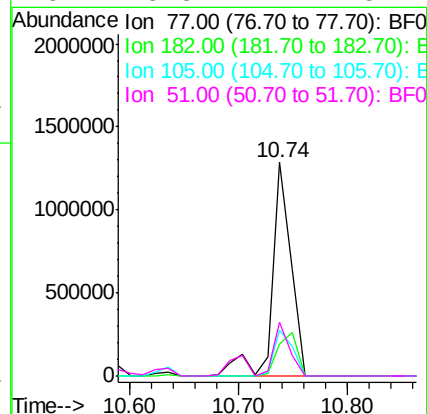
RT: 10.74 min Scan# 735

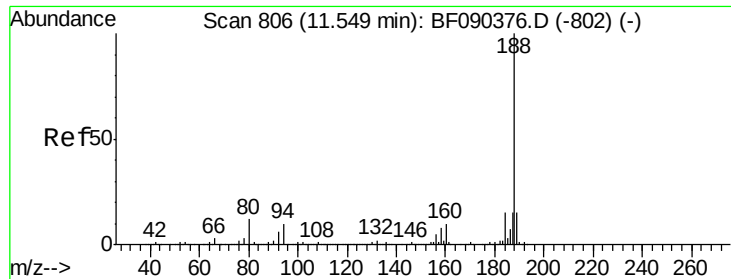
Delta R.T. -0.02 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Tgt Ion:	77	Resp:	1557696
Ion Ratio	Lower	Upper	
77	100		
182	14.8	3.2	43.2
105	21.4	2.9	42.9
51	25.3	14.2	54.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.53 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

ClientSampleId :

PB93841BS

Tgt Ion:188 Resp: 818335
Ion Ratio Lower Upper

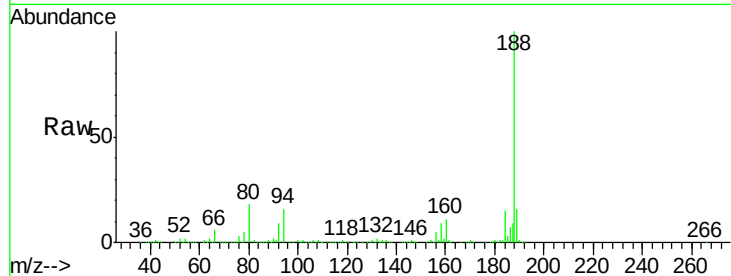
188 100

94 15.8 8.2 12.2#

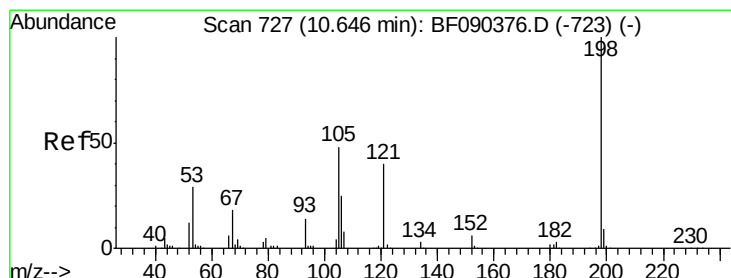
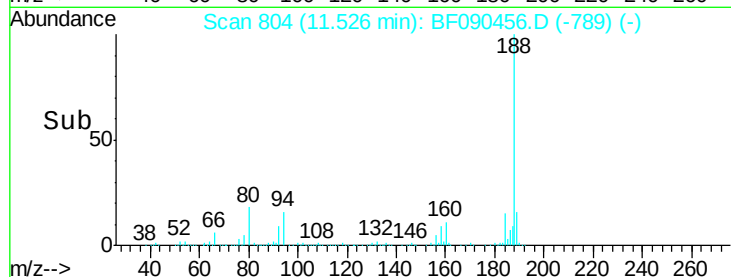
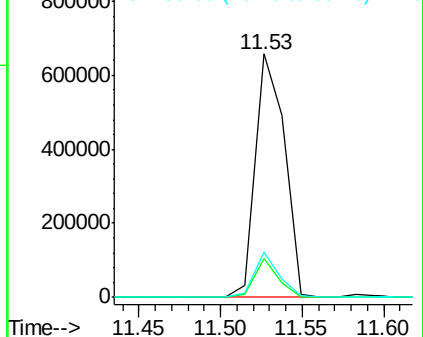
80 18.4 8.8 13.2#

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 25.11 ng

RT: 10.63 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF090456.D

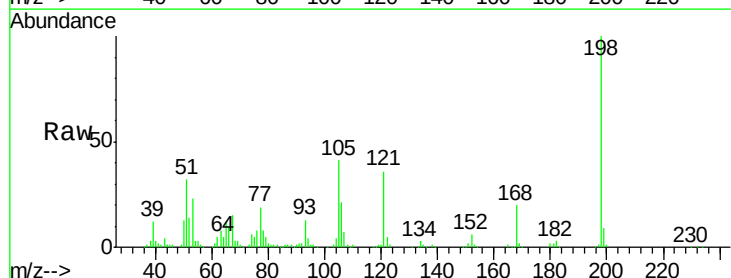
Acq: 7 Oct 2016 21:02

Tgt Ion:198 Resp: 122537
Ion Ratio Lower Upper

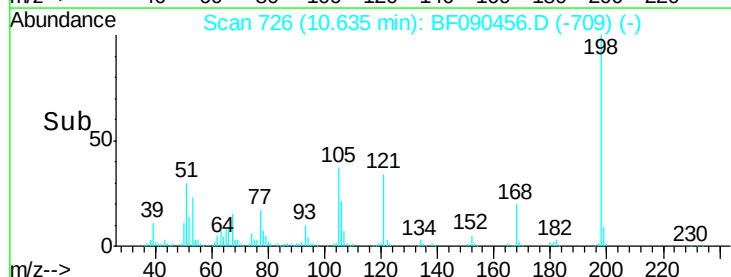
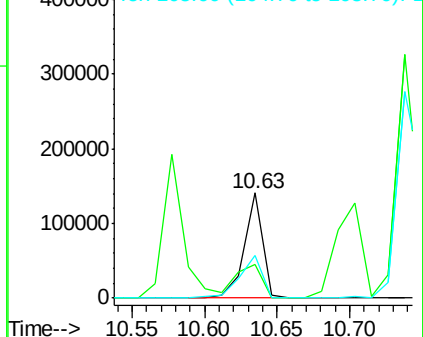
198 100

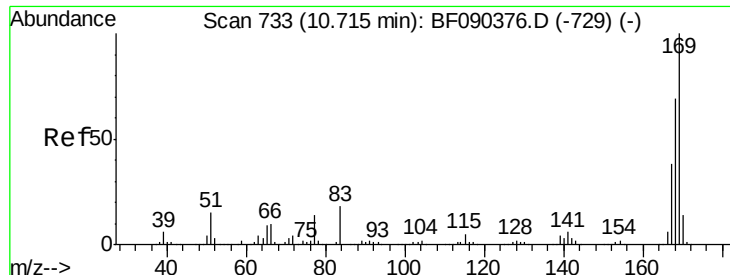
51 31.7 67.3 107.3#

105 40.5 42.6 82.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





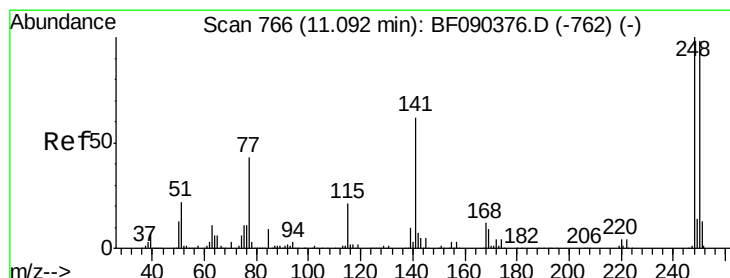
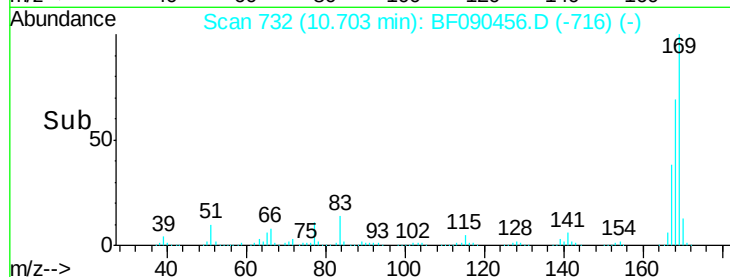
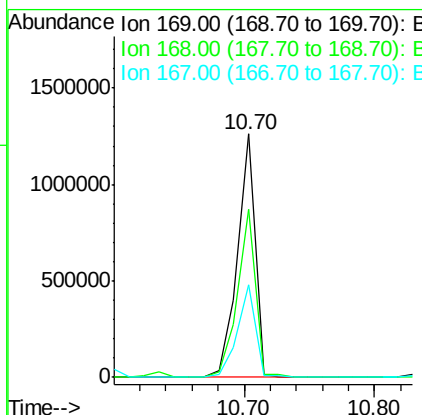
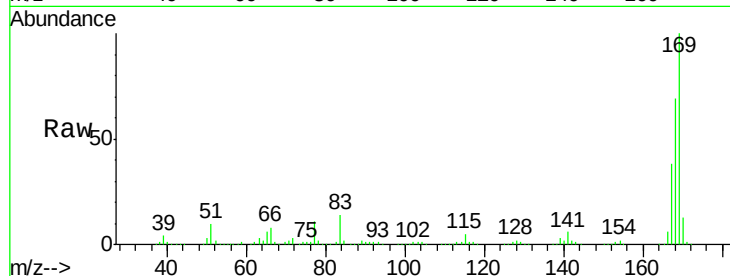
#65
 n-Nitrosodiphenylamine
 Concen: 43.06 ng
 RT: 10.70 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.9	53.8	80.6
167	38.2	29.8	44.8

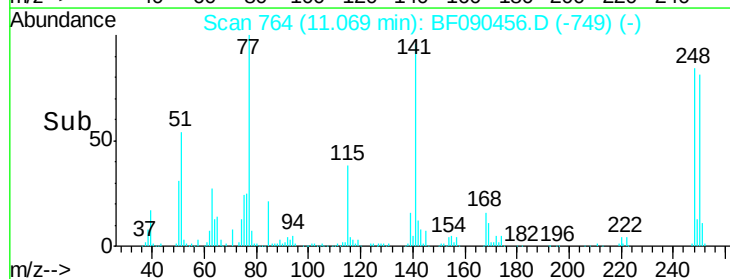
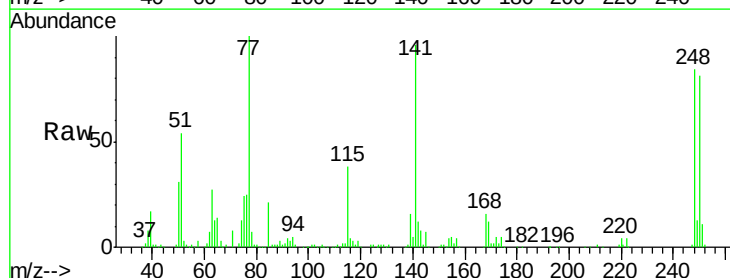
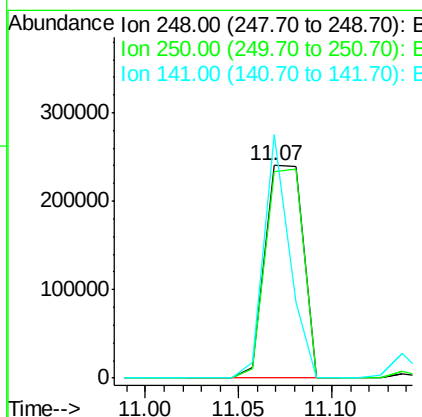
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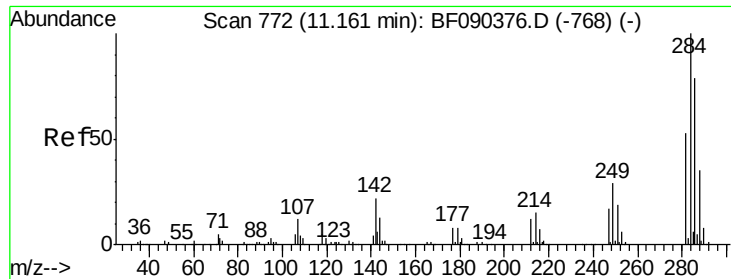
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#66
 4-Bromophenyl-phenylether
 Concen: 42.15 ng
 RT: 11.07 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.5	114.7
141	114.6	59.8	89.6





#67

Hexachlorobenzene

Concen: 39.93 ng

RT: 11.14 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

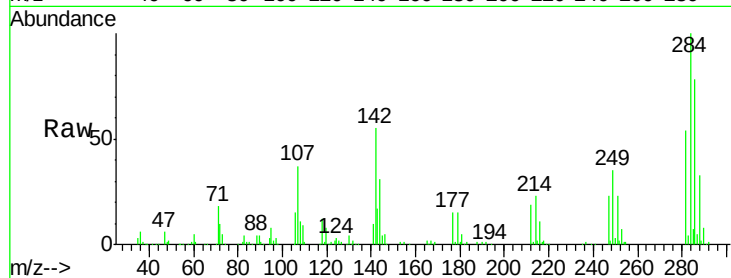
ClientSampleId :

PB93841BS

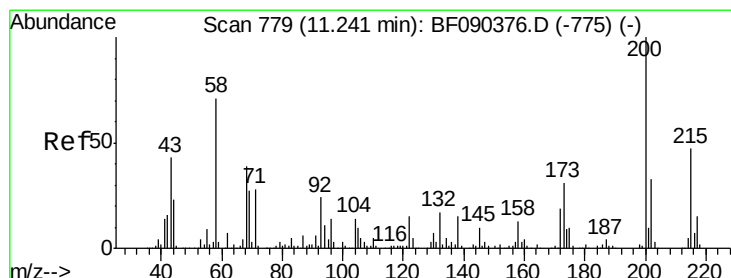
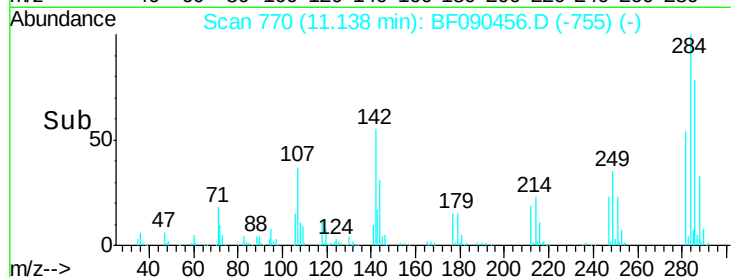
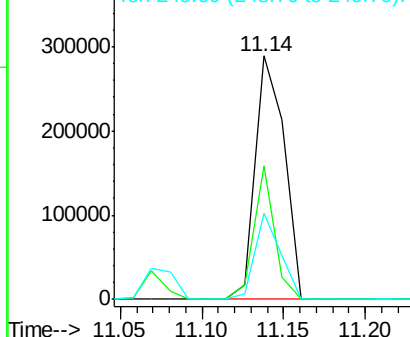
Tgt Ion:	284	Resp:	356667
Ion Ratio	Lower	Upper	
284	100		
142	54.7	23.1	34.7#
249	35.4	26.3	39.5

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



#68

Atrazine

Concen: 47.26 ng

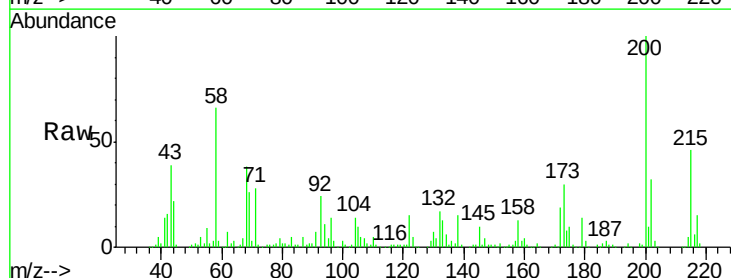
RT: 11.23 min Scan# 778

Delta R.T. -0.01 min

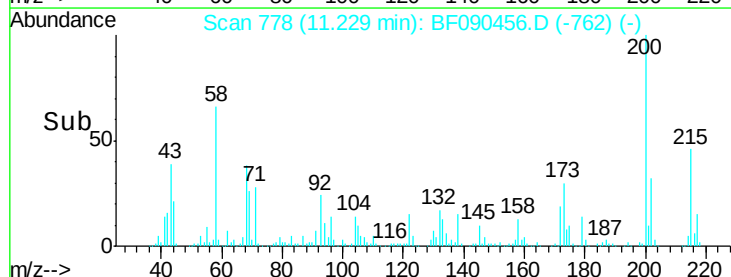
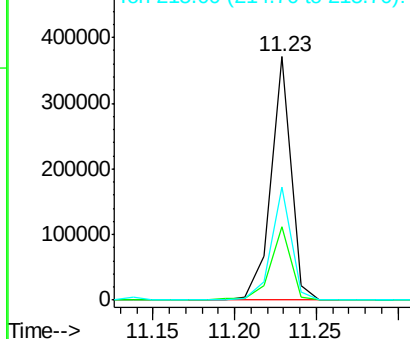
Lab File: BF090456.D

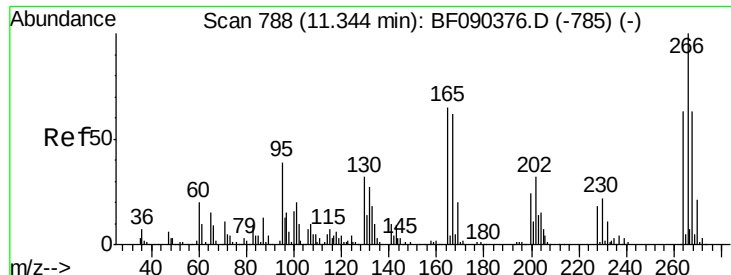
Acq: 7 Oct 2016 21:02

Tgt Ion:	200	Resp:	319585
Ion Ratio	Lower	Upper	
200	100		
173	30.3	9.0	49.0
215	46.2	24.8	64.8



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





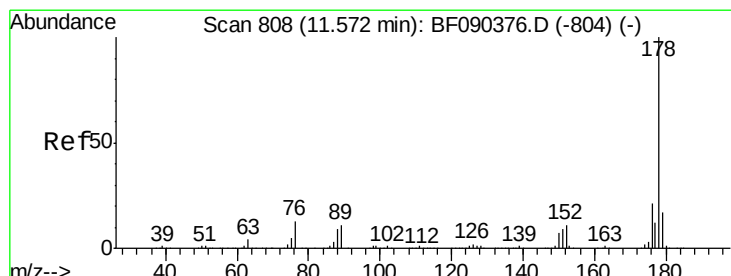
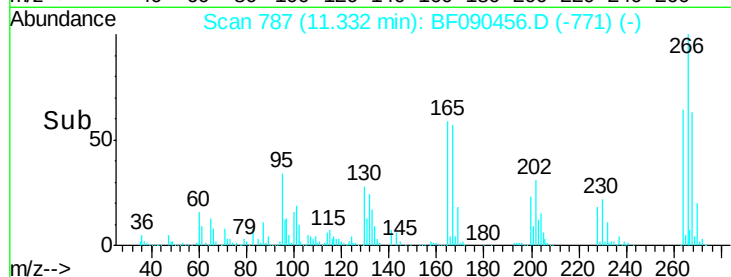
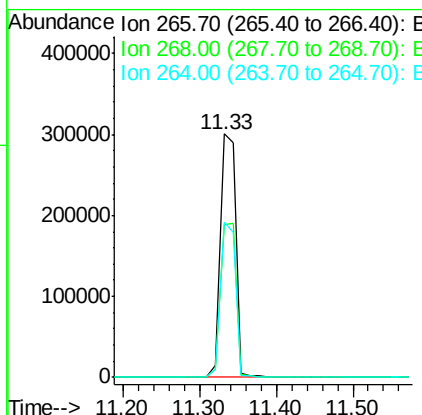
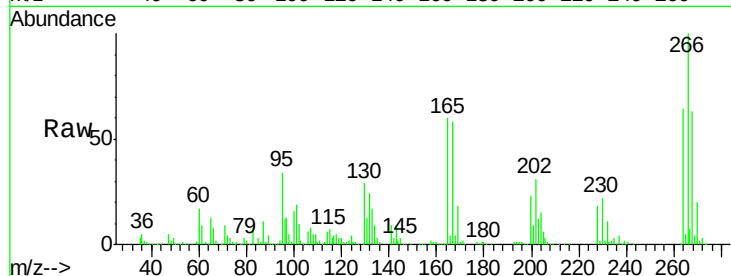
#69
 Pentachlorophenol
 Concen: 79.93 ng
 RT: 11.33 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampled :
 PB93841BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	425013		
268	62.6	50.9	76.3	
264	63.7	51.5	77.3	

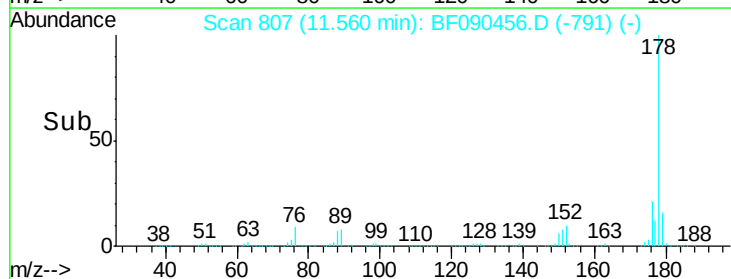
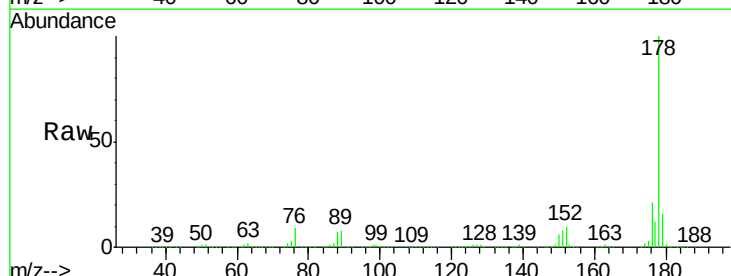
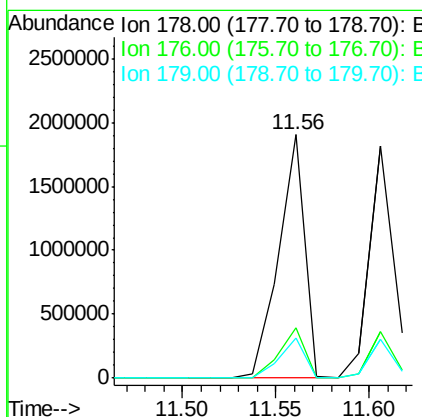
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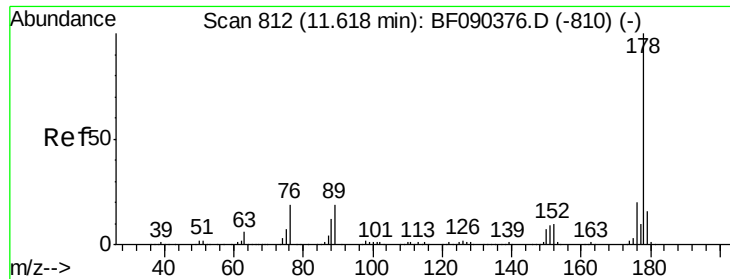
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#70
 Phenanthrene
 Concen: 44.18 ng
 RT: 11.56 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1851386		
176	20.8	17.3	25.9	
179	16.4	13.8	20.6	





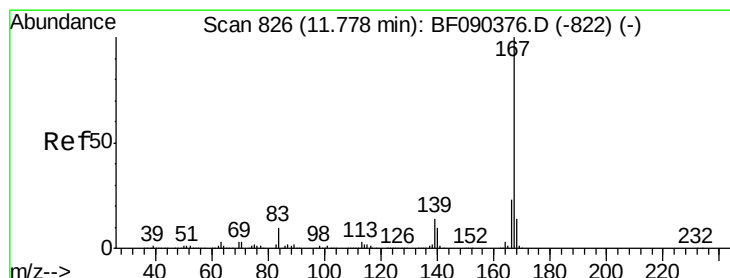
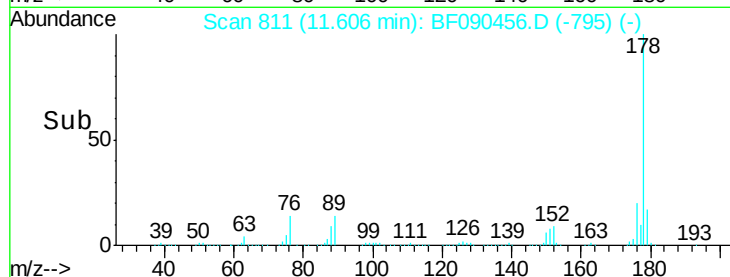
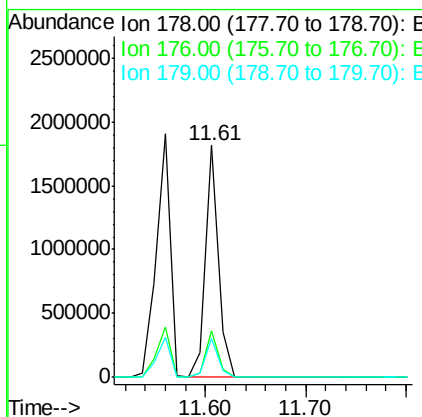
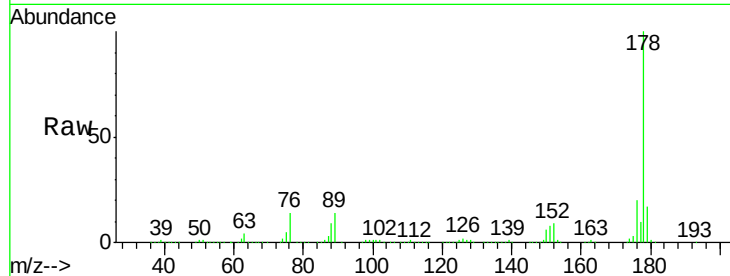
#71
 Anthracene
 Concen: 37.98 ng
 RT: 11.61 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

Tgt Ion:178 Resp: 1625246
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.8 25.2
 179 16.6 13.4 20.2

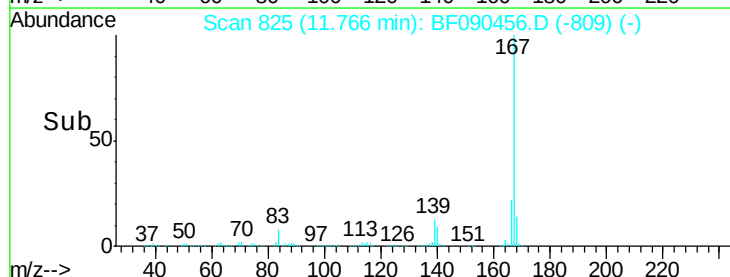
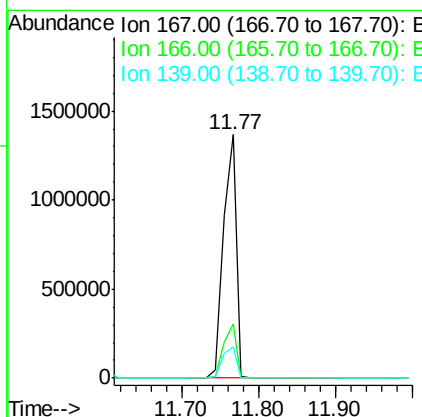
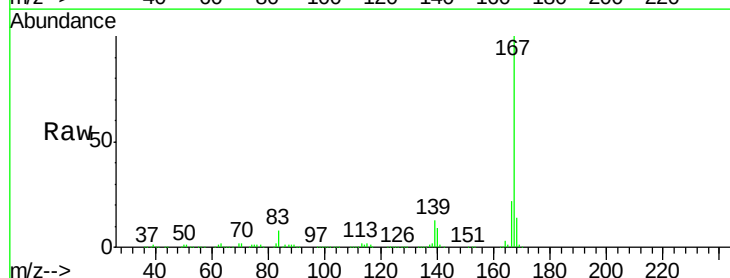
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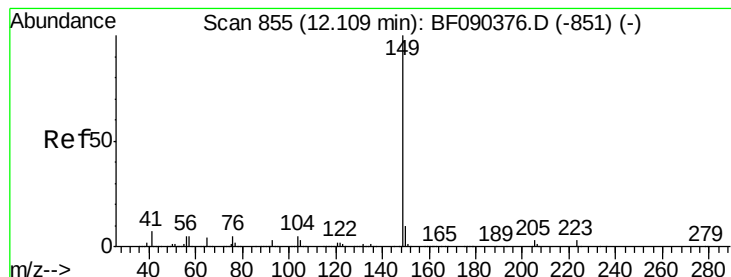
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#72
 Carbazole
 Concen: 40.42 ng
 RT: 11.77 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion:167 Resp: 1606792
 Ion Ratio Lower Upper
 167 100
 166 22.4 19.1 28.7
 139 12.6 12.1 18.1





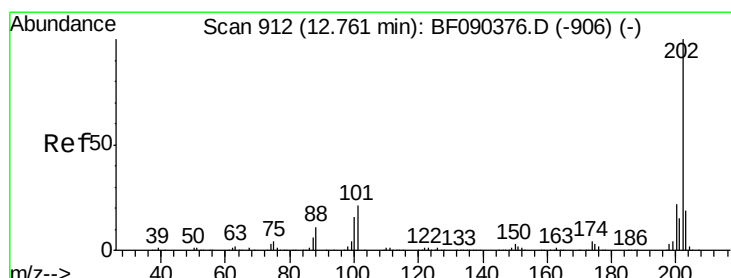
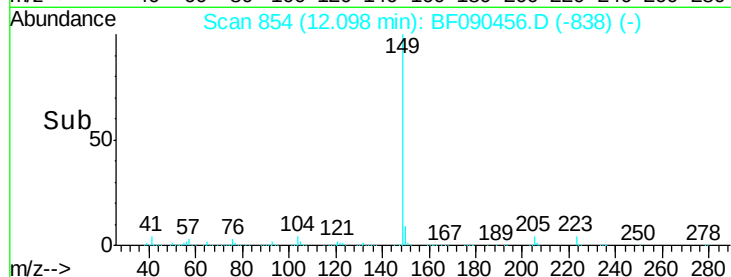
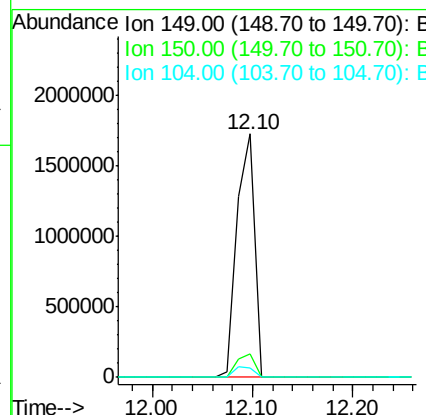
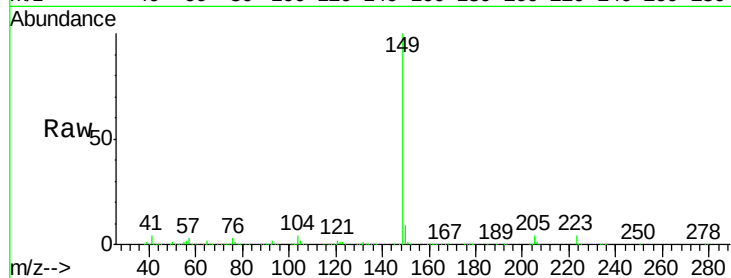
#73
Di-n-butylphthalate
Concen: 43.32 ng
RT: 12.10 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Instrument :
BNA_F
ClientSampleId :
PB93841BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.6	12.8
104	3.7	4.7	7.1#

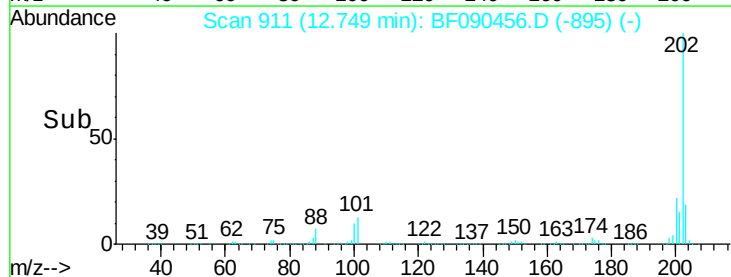
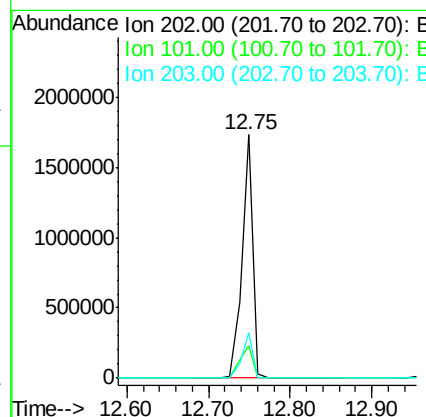
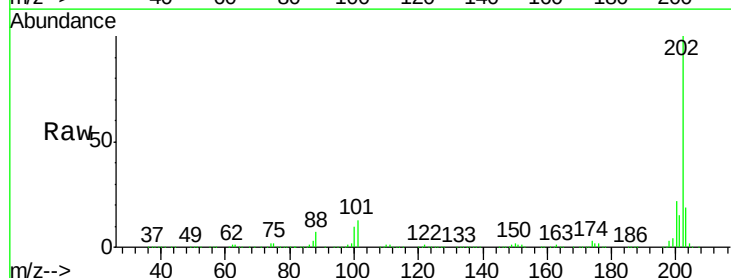
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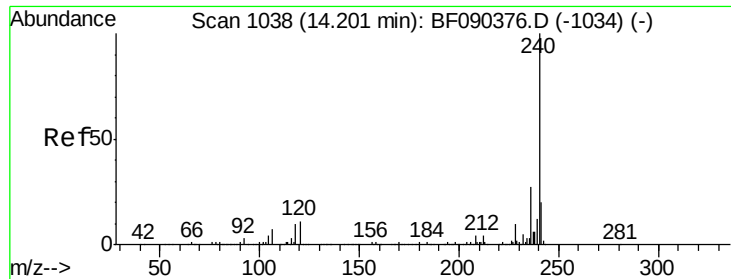
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#74
Fluoranthene
Concen: 38.95 ng
RT: 12.75 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	37.2
203	18.5	0.0	39.3





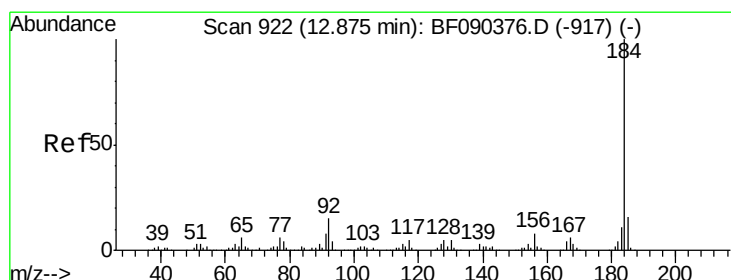
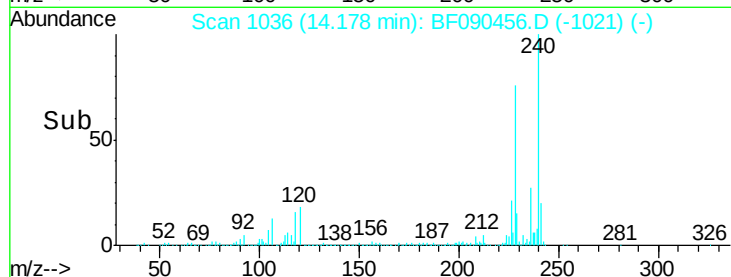
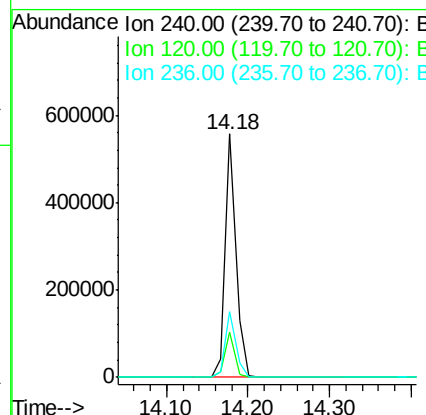
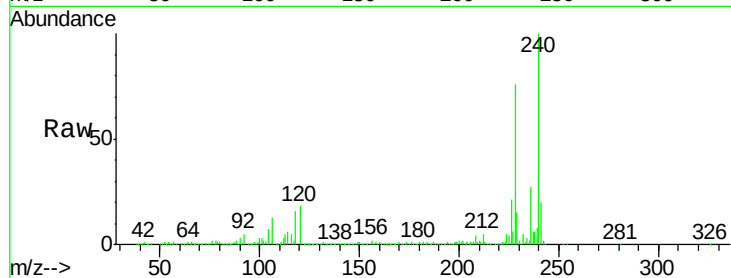
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Instrument :
BNA_F
ClientSampleId :
PB93841BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.5	8.6	13.0#
236	27.1	21.6	32.4

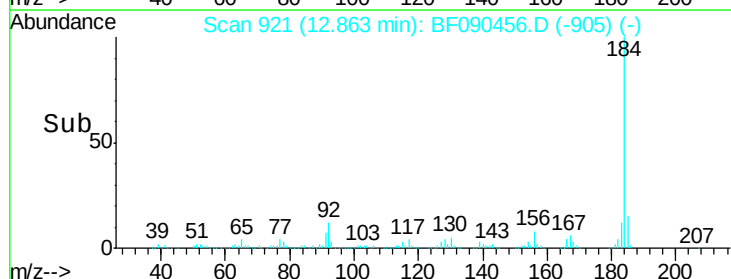
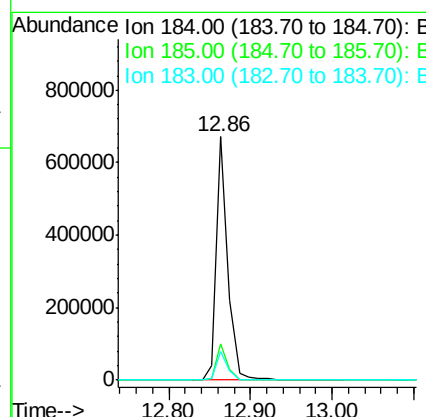
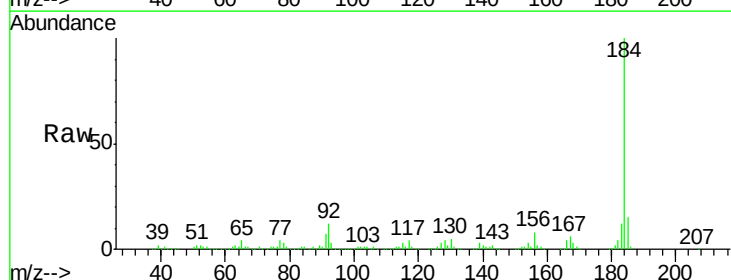
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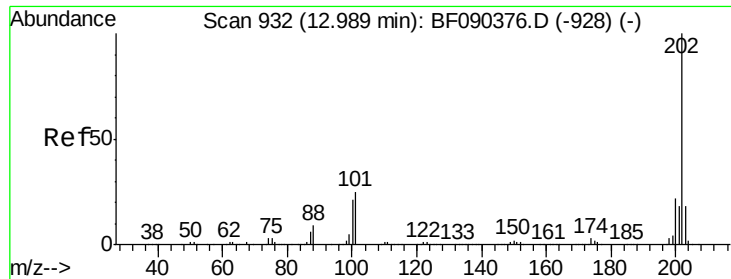
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#76
Benzidine
Concen: 50.31 ng
RT: 12.86 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.8	17.8
183	11.8	9.6	14.4





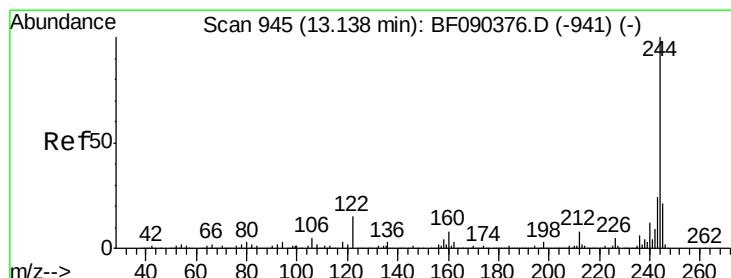
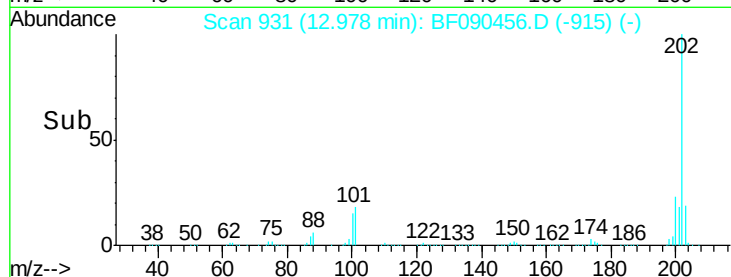
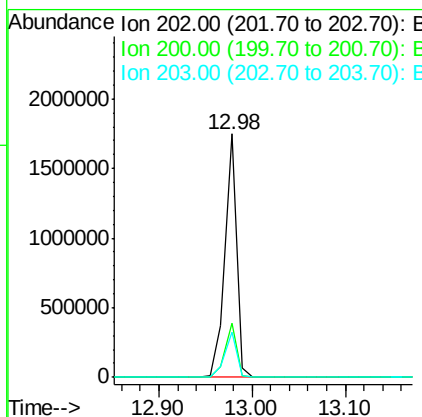
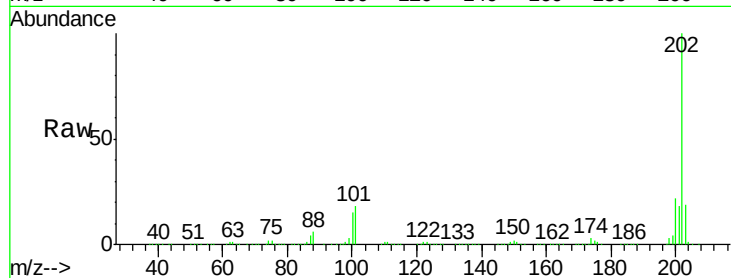
#77
 Pyrene
 Concen: 44.82 ng
 RT: 12.98 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.5	27.7
203	18.5	15.0	22.6

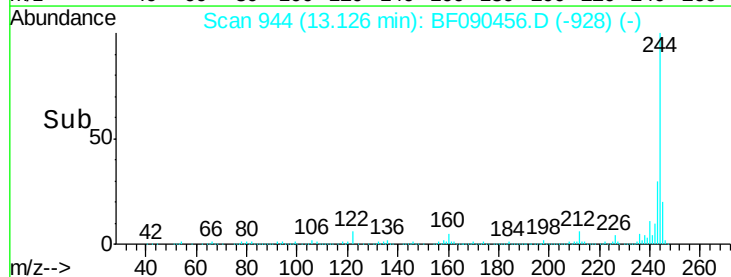
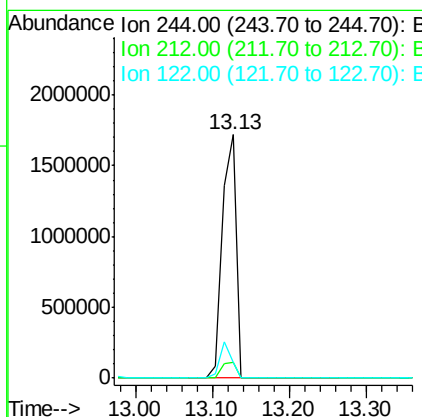
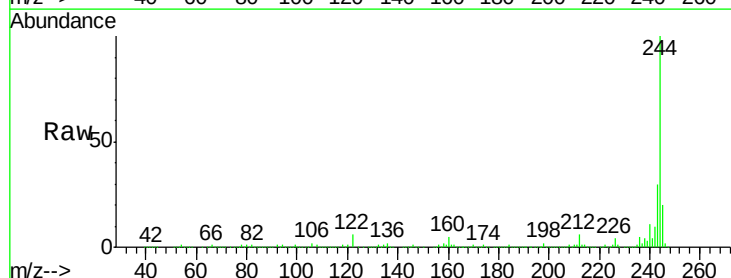
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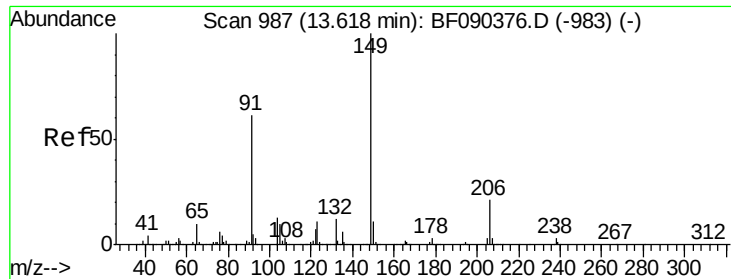
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#78
 Terphenyl-d14
 Concen: 96.87 ng
 RT: 13.13 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.8	10.2#
122	6.4	13.3	19.9#





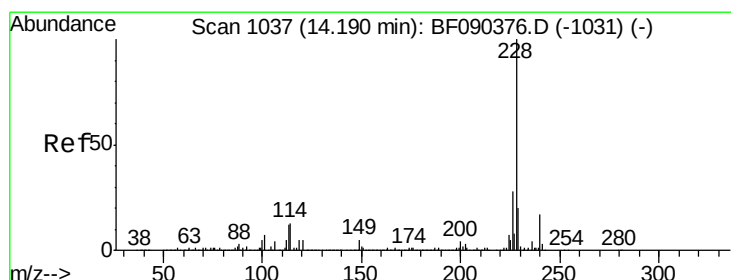
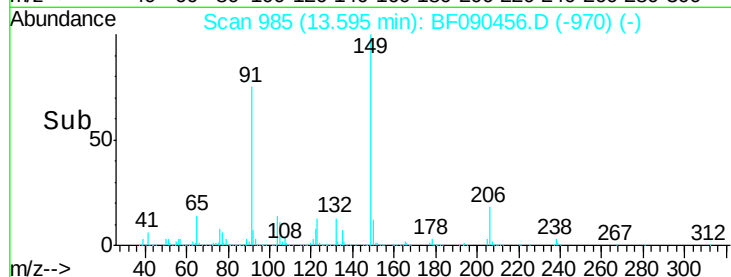
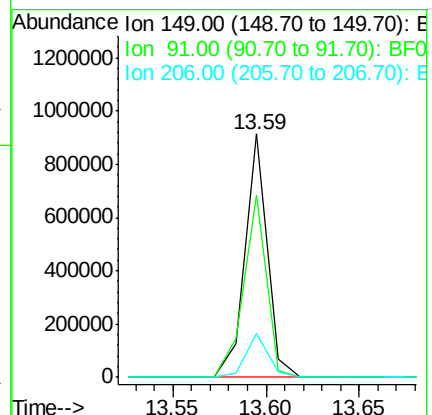
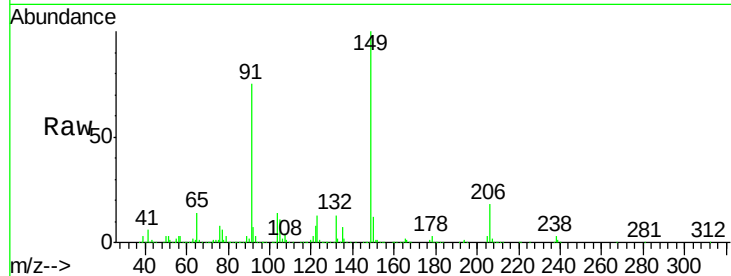
#79
Butylbenzylphthalate
Concen: 44.16 ng
RT: 13.59 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Instrument :
BNA_F
ClientSampleId :
PB93841BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	75.1	51.8	77.8
206	18.0	18.0	27.0

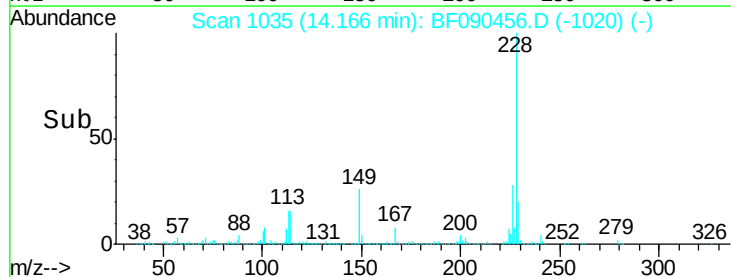
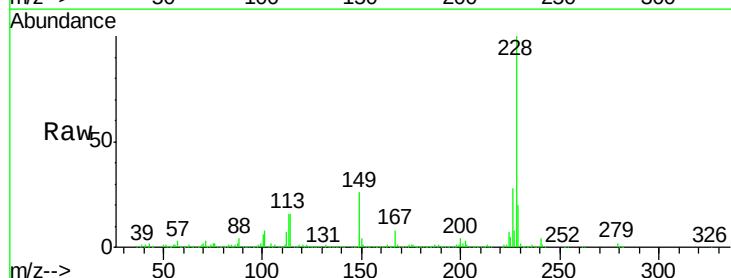
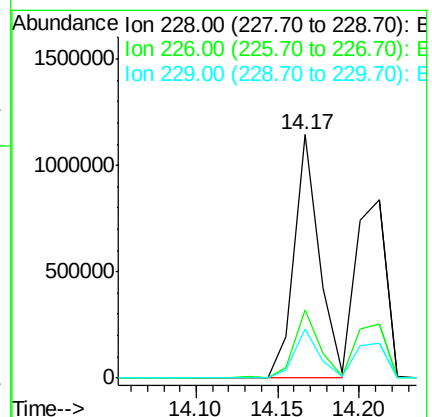
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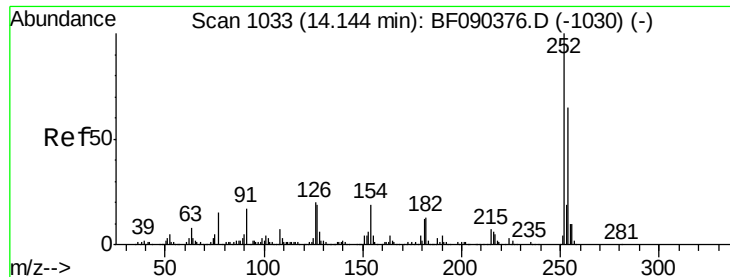
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#80
Benzo(a)anthracene
Concen: 43.35 ng
RT: 14.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.8	23.6	35.4
229	20.4	16.6	25.0





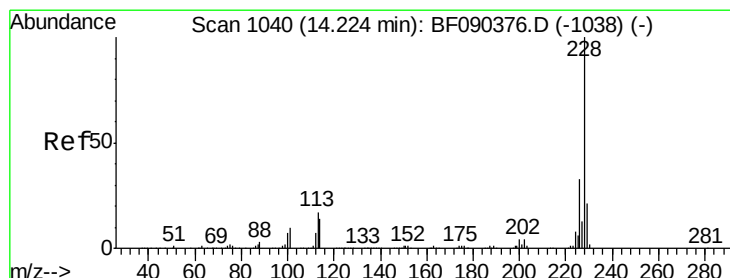
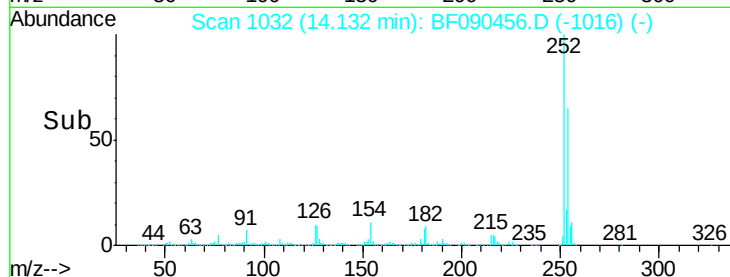
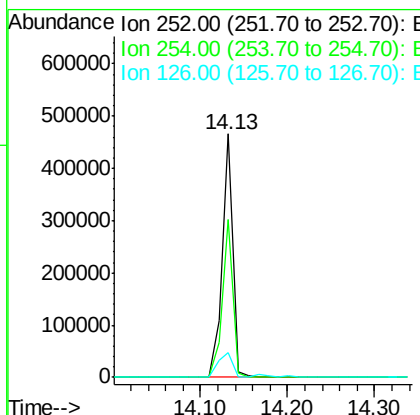
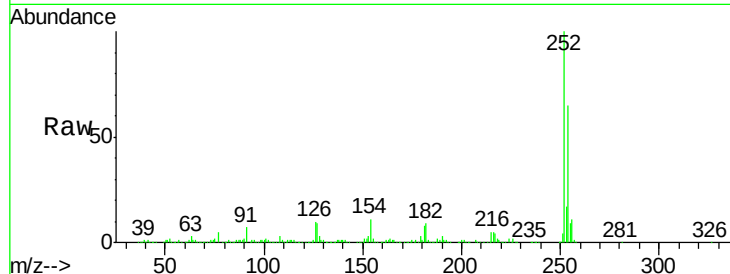
#81
 3,3'-Dichlorobenzidine
 Concen: 39.41 ng
 RT: 14.13 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	406059		
254	64.6	52.1	78.1	
126	9.9	4.2	6.4	

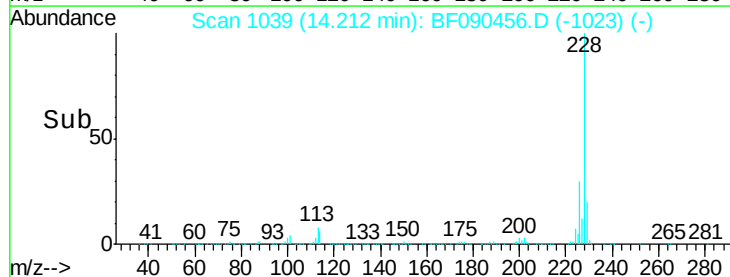
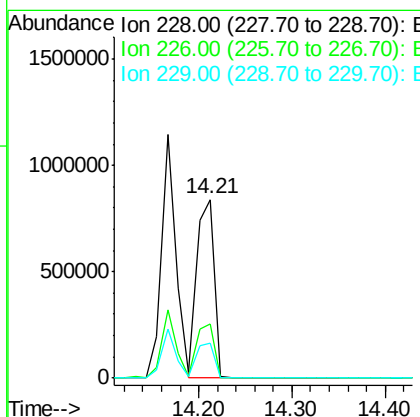
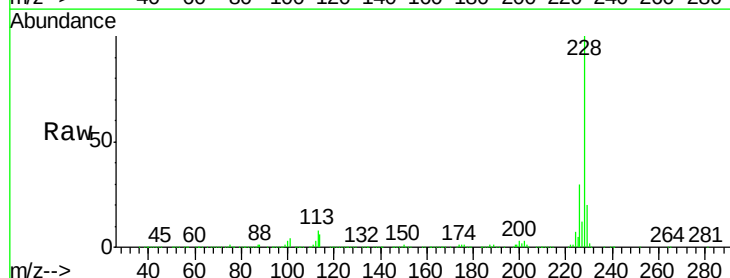
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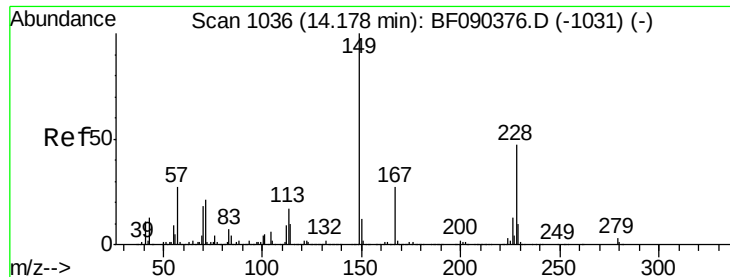
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#82
 Chrysene
 Concen: 42.10 ng
 RT: 14.21 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1101031		
226	30.4	25.8	38.6	
229	19.9	16.9	25.3	





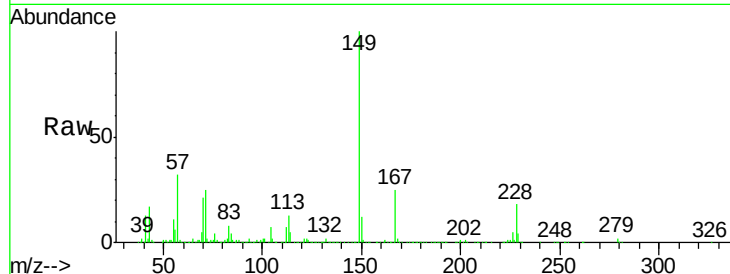
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.30 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

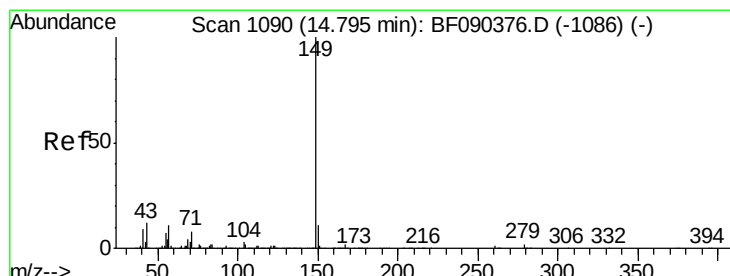
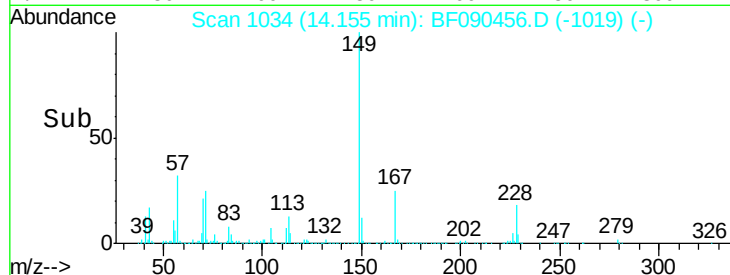
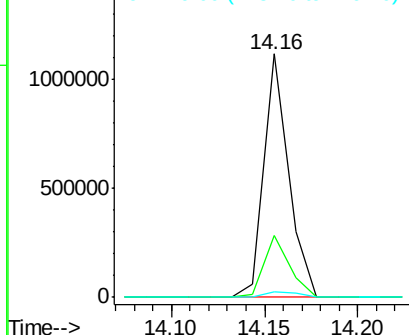
Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.5	32.3
279	2.1	2.6	3.8#

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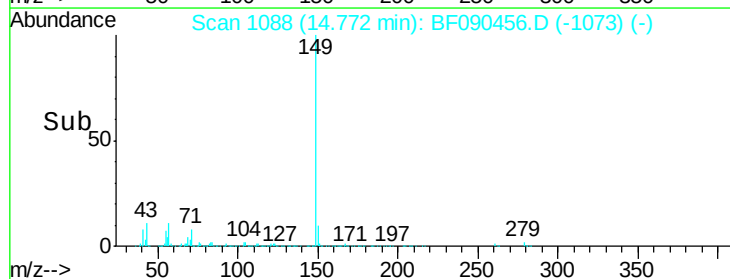
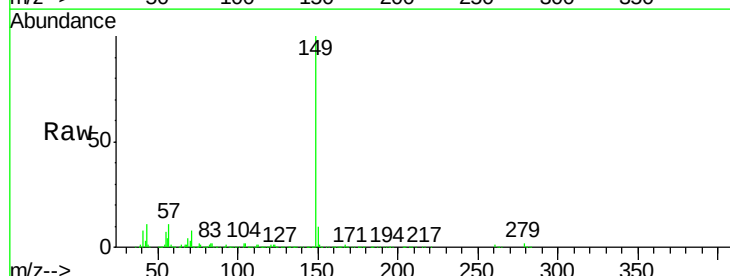
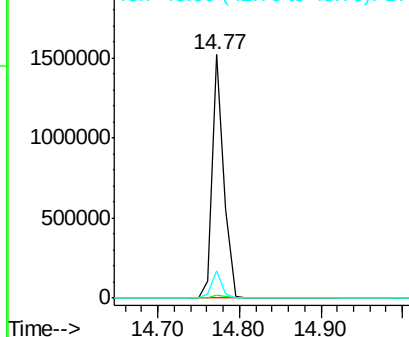
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

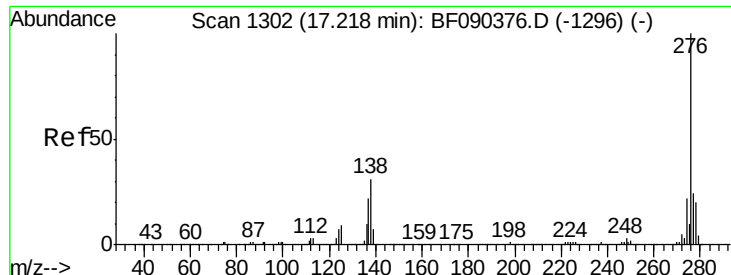


#84
 Di-n-octyl phthalate
 Concen: 41.32 ng
 RT: 14.77 min Scan# 1088
 Delta R.T. -0.02 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.2	11.8	17.8#

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





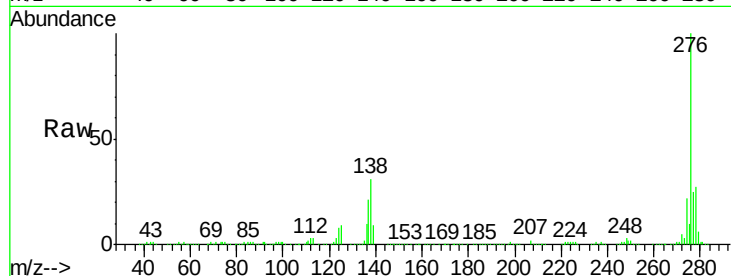
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.41 ng
 RT: 17.18 min Scan# 1299
 Delta R.T. -0.03 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampled :
 PB93841BS

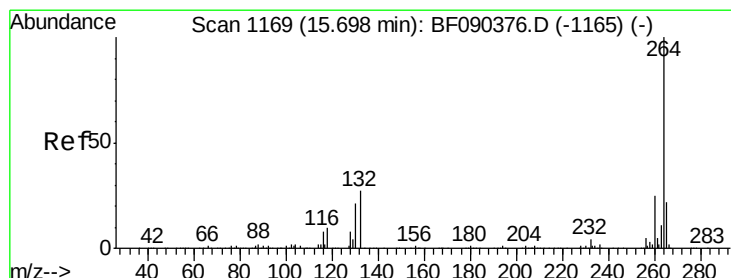
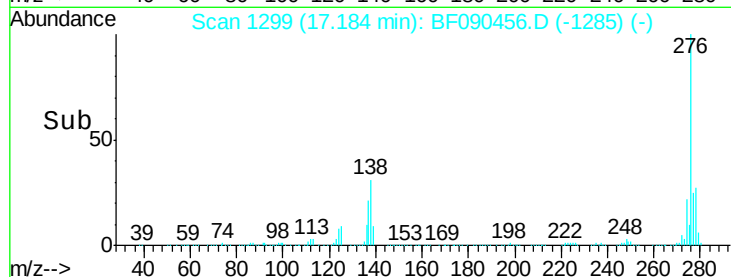
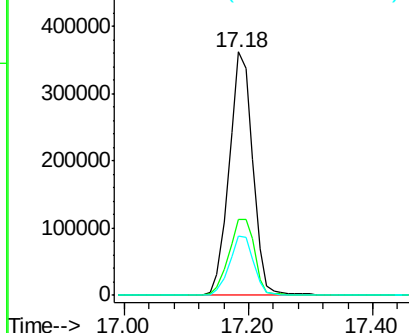
Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	34.2	23.8	35.8
277	25.2	20.4	30.6

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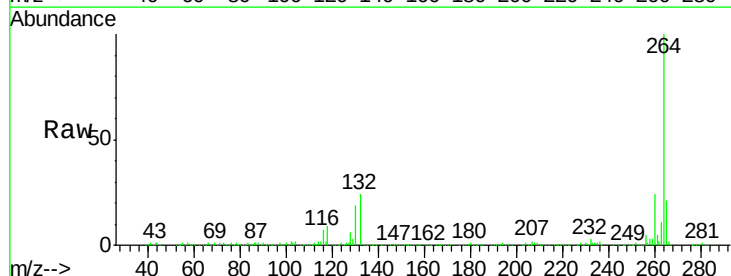


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

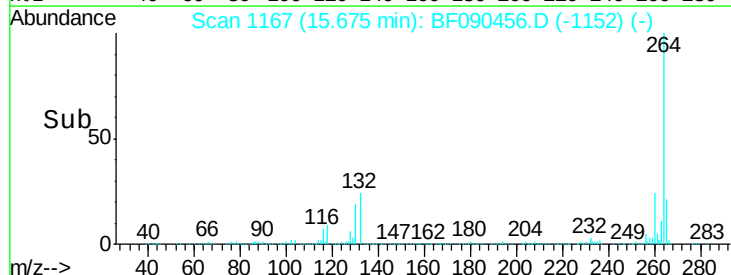
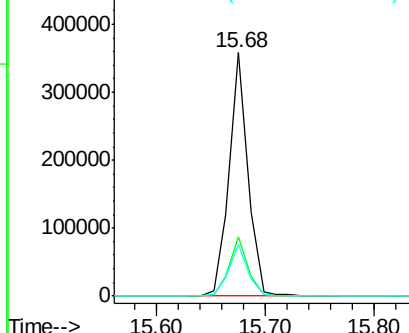


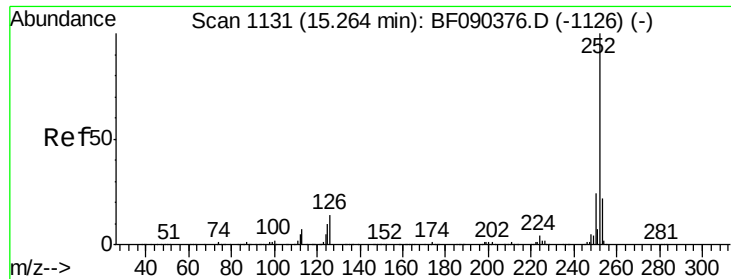
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.68 min Scan# 1167
 Delta R.T. -0.02 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.2	19.3	28.9
265	21.2	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.92 ng

RT: 15.24 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Instrument :

BNA_F

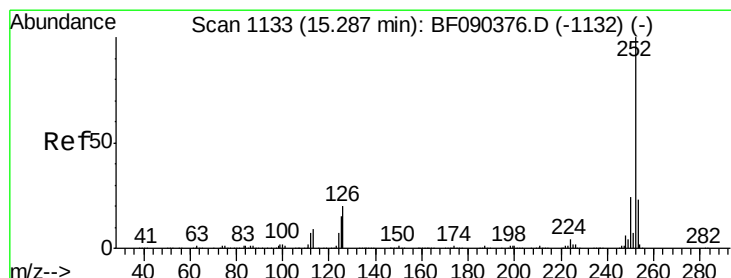
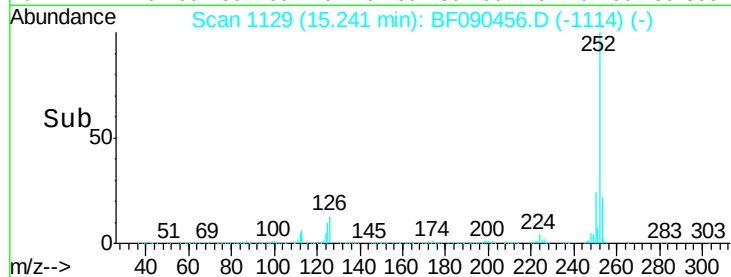
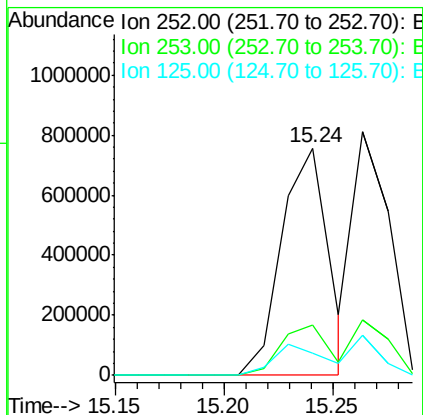
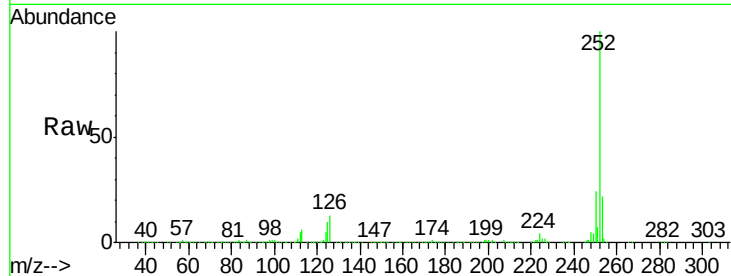
ClientSampled :

PB93841BS

Tgt Ion:	252	Resp:	1139365
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.2
125	10.0	7.0	10.4

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#88

Benzo(k)fluoranthene

Concen: 37.47 ng m

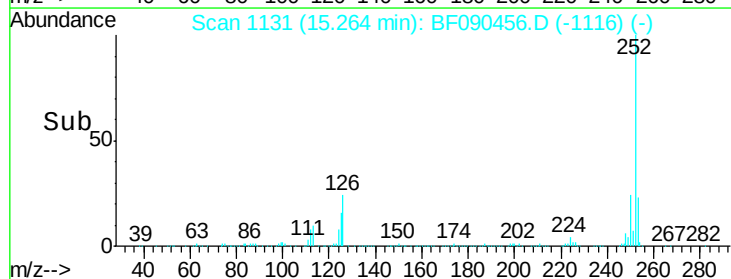
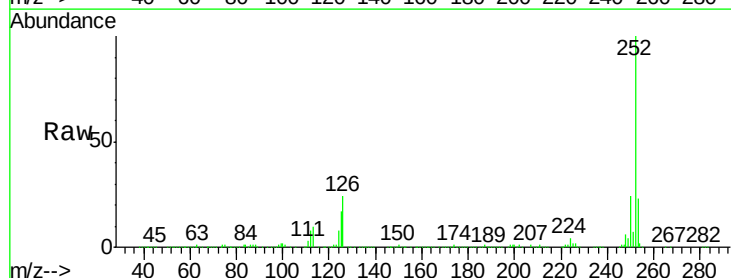
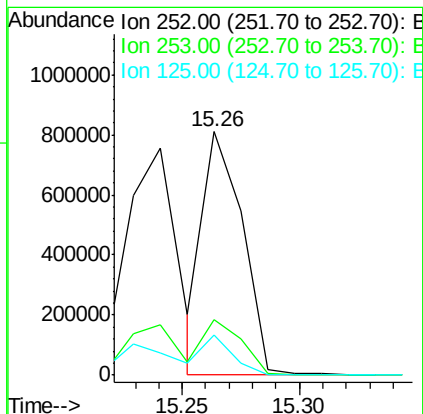
RT: 15.26 min Scan# 1131

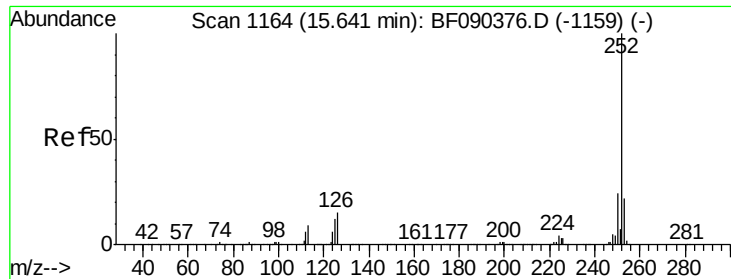
Delta R.T. -0.02 min

Lab File: BF090456.D

Acq: 7 Oct 2016 21:02

Tgt Ion:	252	Resp:	956618
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.6	27.8
125	16.5	11.7	17.5





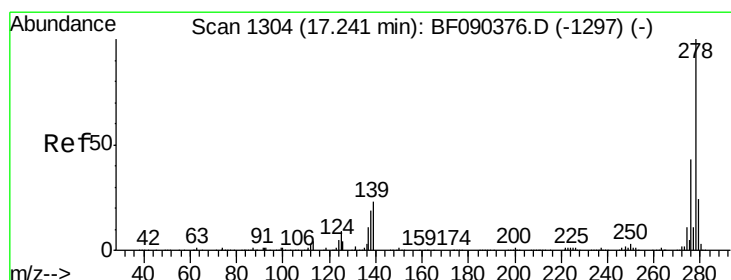
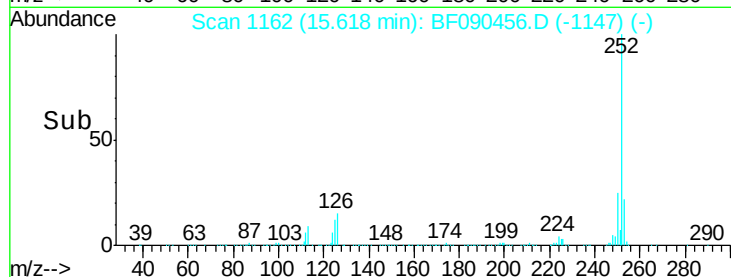
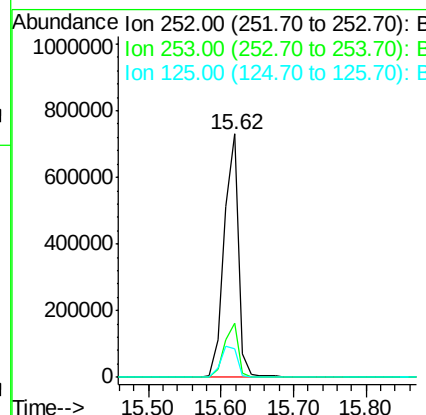
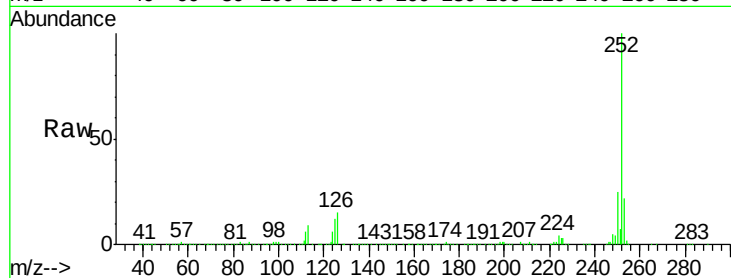
#89
Benzo(a)pyrene
Concen: 42.84 ng
RT: 15.62 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Instrument :
BNA_F
ClientSampleId :
PB93841BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	12.0	9.8	14.8

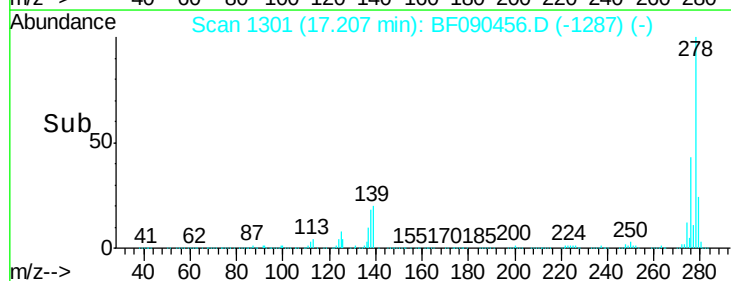
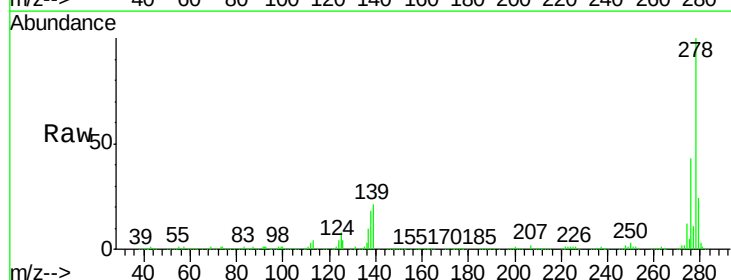
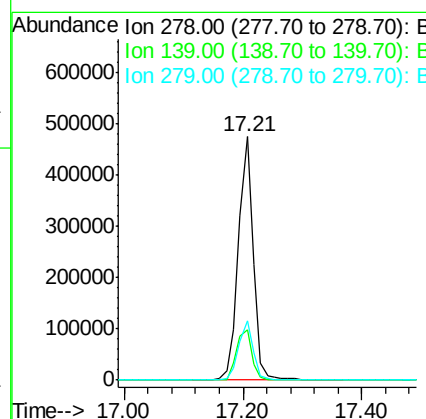
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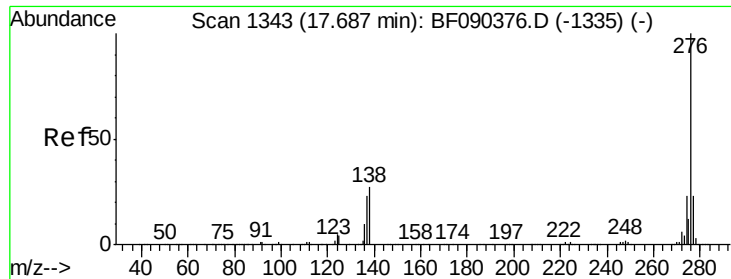
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#90
Dibenzo(a,h)anthracene
Concen: 41.59 ng
RT: 17.21 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BF090456.D
Acq: 7 Oct 2016 21:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.5	12.8	19.2#
279	24.5	19.6	29.4





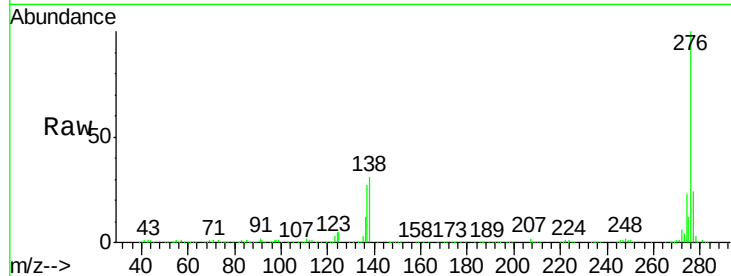
#91
 Benzo(g,h,i)perylene
 Concen: 38.48 ng
 RT: 17.64 min Scan# 1339
 Delta R.T. -0.05 min
 Lab File: BF090456.D
 Acq: 7 Oct 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.7	19.4	29.0
138	31.0	20.8	31.2

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

