

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
 Data File : BF090789.D
 Acq On : 24 Oct 2016 15:38
 Operator : UM/SJ
 Sample : PB94262BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Manual Integrations
 APPROVED

sohil
 10/25/2016 4:24:04 PM

Quant Time: Oct 24 17:18:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	229050	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	964850	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	513774	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	858429	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	704341	20.00	ng	-0.01
86) Perylene-d12	15.42	264	455808	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1536786	108.21	ng	-0.01
7) Phenol-d6	6.49	99	2067258	107.46	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1253704	71.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	552454	135.85	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	2431921	73.48	ng	-0.02
78) Terphenyl-d14	12.96	244	2455848	79.91	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	228587	27.82	ng	# 75
3) Pyridine	3.24	79	600982	31.21	ng	# 72
4) n-Nitrosodimethylamine	3.19	42	219715	33.35	ng	# 65
6) Aniline	6.50	93	510672	23.41	ng	# 1
8) 2-Chlorophenol	6.62	128	659552	38.69	ng	95
9) Benzaldehyde	6.38	77	183623	17.46	ng	# 83
10) Phenol	6.50	94	790443	36.55	ng	# 61
11) bis(2-Chloroethyl)ether	6.58	93	689433m	37.94	ng	
12) 1,3-Dichlorobenzene	6.77	146	657804	38.41	ng	# 92
13) 1,4-Dichlorobenzene	6.85	146	704961	38.81	ng	# 92
14) 1,2-Dichlorobenzene	7.00	146	636965m	35.82	ng	
15) Benzyl Alcohol	6.98	79	468451	35.85	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.11	45	765257	28.12	ng	66
17) 2-Methylphenol	7.10	107	538111	41.89	ng	# 84
18) Hexachloroethane	7.34	117	253484	34.38	ng	91
19) n-Nitroso-di-n-propylamine	7.25	70	462789	32.30	ng	# 71
20) 3+4-Methylphenols	7.25	107	603276	39.62	ng	# 63
22) Acetophenone	7.25	105	845698	39.33	ng	# 84
24) Nitrobenzene	7.42	77	702710	36.85	ng	# 73
25) Isophorone	7.66	82	1294971	38.89	ng	# 90
26) 2-Nitrophenol	7.74	139	353173	45.33	ng	# 85
27) 2,4-Dimethylphenol	7.78	122	571617	41.38	ng	# 80
28) bis(2-Chloroethoxy)methane	7.88	93	817426	44.87	ng	# 95
29) 2,4-Dichlorophenol	7.98	162	530905	46.83	ng	94
30) 1,2,4-Trichlorobenzene	8.06	180	571016	42.80	ng	97
31) Naphthalene	8.14	128	1871797	39.66	ng	97
32) Benzoic acid	7.93	122	345058	37.41	ng	# 67
33) 4-Chloroaniline	8.20	127	292247	16.70	ng	# 94
34) Hexachlorobutadiene	8.27	225	311409	41.51	ng	99
35) Caprolactam	8.57	113	189198m	58.43	ng	
36) 4-Chloro-3-methylphenol	8.69	107	574399	43.56	ng	95
37) 2-Methylnaphthalene	8.84	142	1242292	45.04	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	529942	38.20	ng	99
40) Hexachlorocyclopentadiene	8.99	237	586100	89.99	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	360783	41.94	nq	100
43) 2,4,5-Trichlorophenol	9.16	196	386281	44.24	nq	# 95
45) 1,1'-Biphenyl	9.30	154	1397950	34.65	nq	91
46) 2-Chloronaphthalene	9.33	162	1155125	38.52	nq	98
47) 2-Nitroaniline	9.42	65	362908	36.46	nq	# 75
48) Acenaphthylene	9.74	152	1841514	40.24	nq	95
49) Dimethylphthalate	9.61	163	1233522	38.21	nq	# 97
50) 2,6-Dinitrotoluene	9.66	165	283372	40.82	nq	# 53
51) Acenaphthene	9.91	154	1158697	38.14	nq	89
52) 3-Nitroaniline	9.83	138	181714	22.77	nq	# 57
53) 2,4-Dinitrophenol	9.95	184	354239	85.83	nq	# 87
54) Dibenzofuran	10.09	168	1615466	43.90	nq	# 86
55) 4-Nitrophenol	10.02	139	463748	93.51	nq	# 87
56) 2,4-Dinitrotoluene	10.07	165	439357	51.78	nq	# 90
57) Fluorene	10.43	166	1282116	42.04	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.21	232	319802	46.68	nq	98
59) Diethylphthalate	10.30	149	1320981	39.45	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	581169	41.70	nq	# 84
61) 4-Nitroaniline	10.46	138	318451	39.40	nq	# 63
62) Azobenzene	10.58	77	1409995	35.96	nq	85
64) 4,6-Dinitro-2-methylphenol	10.49	198	224923	41.65	nq	# 64
65) n-Nitrosodiphenylamine	10.54	169	1113665	40.49	nq	90
66) 4-Bromophenyl-phenylether	10.91	248	371563	44.65	nq	97
67) Hexachlorobenzene	10.98	284	452027	46.03	nq	# 83
68) Atrazine	11.07	200	310734	40.94	nq	85
69) Pentachlorophenol	11.17	266	467548	76.66	nq	97
70) Phenanthrene	11.39	178	1754693m	40.10	nq	
71) Anthracene	11.45	178	1886803	38.88	nq	98
72) Carbazole	11.60	167	1612425	39.74	nq	# 93
73) Di-n-butylphthalate	11.93	149	1895943	36.03	nq	# 97
74) Fluoranthene	12.58	202	1955934	46.21	nq	90
76) Benzidine	12.70	184	385922	24.68	nq	98
77) Pyrene	12.81	202	1957770m	39.80	nq	
79) Butylbenzylphthalate	13.42	149	835848	36.96	nq	# 86
80) Benzo(a)anthracene	14.00	228	1525307	39.57	nq	95
81) 3,3'-Dichlorobenzidine	13.96	252	326691	24.46	nq	# 93
82) Chrysene	14.03	228	1530250m	40.68	nq	
83) Bis(2-ethylhexyl)phthalate	13.98	149	1094982	33.85	nq	# 92
84) Di-n-octyl phthalate	14.60	149	1790785	36.47	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.83	276	1078310	32.86	nq	# 94
87) Benzo(b)fluoranthene	15.02	252	1248880	44.56	nq	# 89
88) Benzo(k)fluoranthene	15.06	252	1250329m	44.39	nq	
89) Benzo(a)pyrene	15.38	252	1121116	42.64	nq	# 85
90) Dibenzo(a,h)anthracene	16.84	278	925639	36.66	nq	# 85
91) Benzo(g,h,i)perylene	17.25	276	891168	36.39	nq	# 80

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

```

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Acq On    : 24 Oct 2016   15:38
Operator  : UM/SJ
Sample    : PB94262BS
Misc      :
ALS Vial  : 4      Sample Multiplier: 1

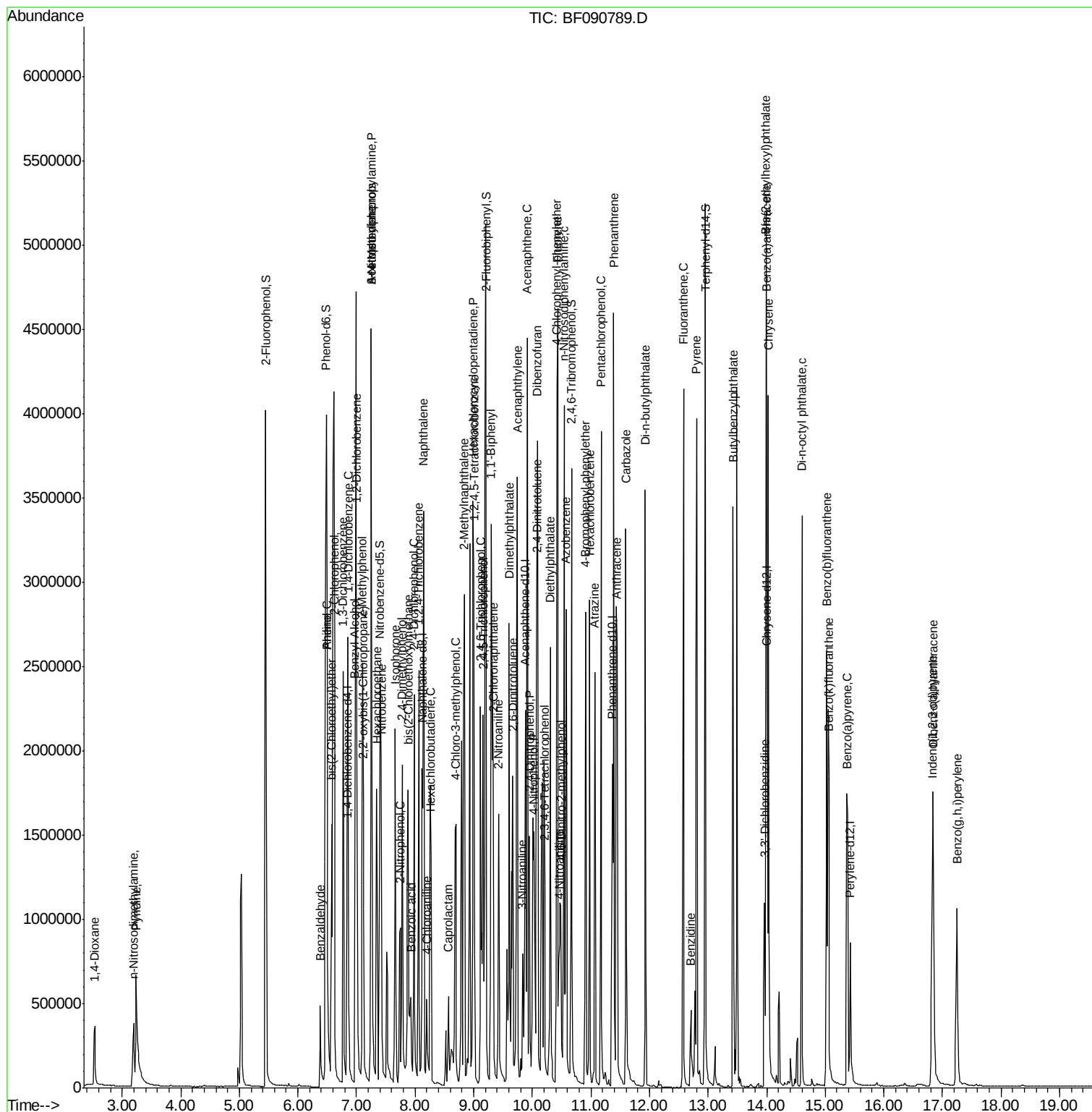
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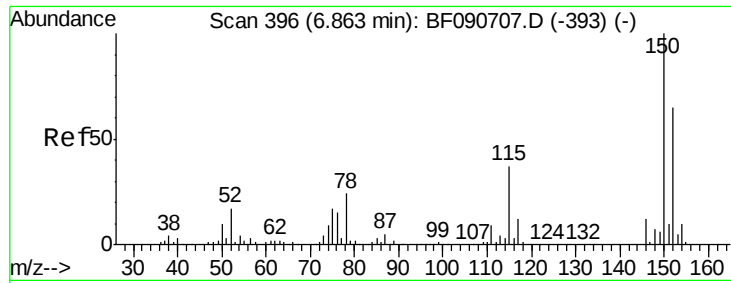
Instrument :
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ClientSampleId :
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#1

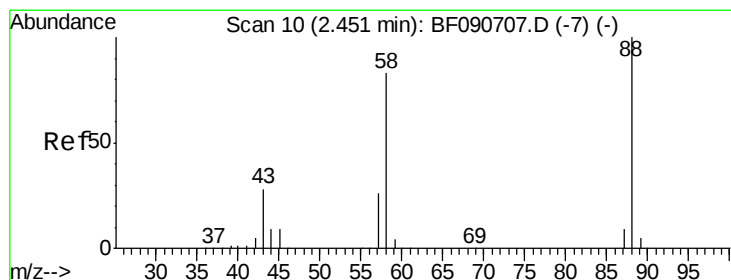
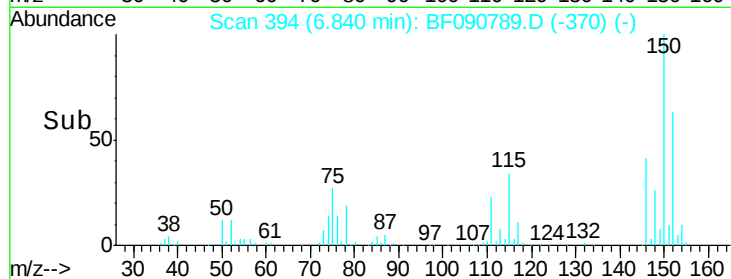
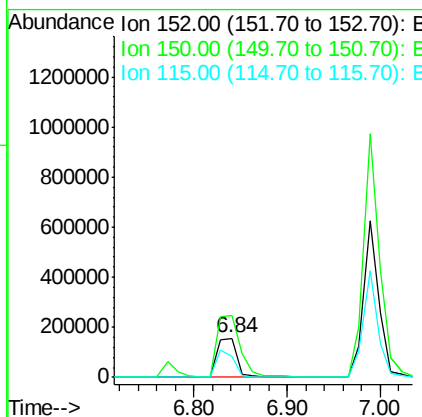
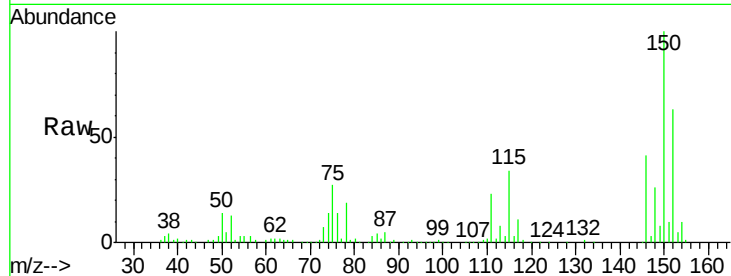
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 394
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.7	187.1
115	53.8	39.0	58.4

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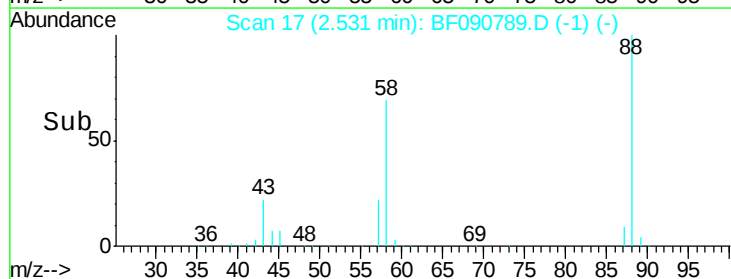
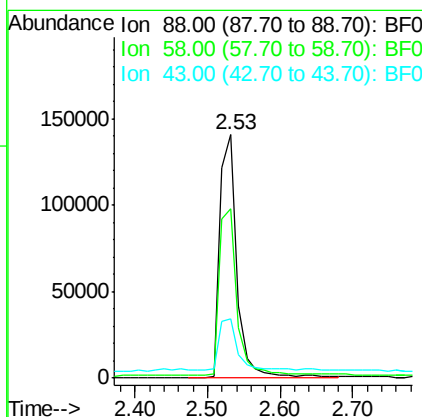
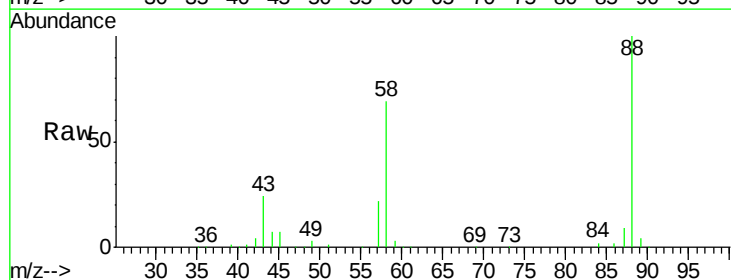
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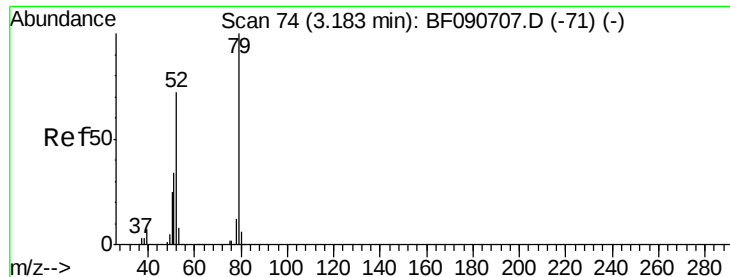


#2

1,4-Dioxane
Concen: 27.82 ng
RT: 2.53 min Scan# 17
Delta R.T. 0.05 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	77.7	116.5#
43	22.6	26.6	40.0#





#3

Pvridine

Concen: 31.21 ng

RT: 3.24 min Scan# 79

Delta R.T. 0.03 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

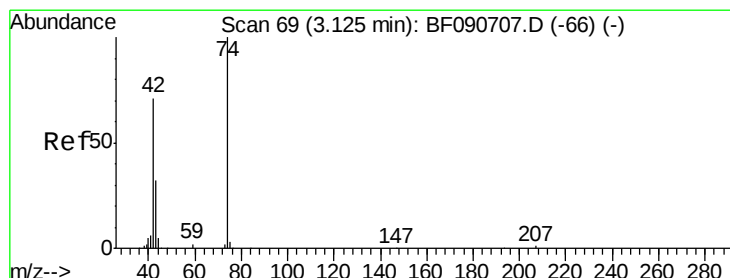
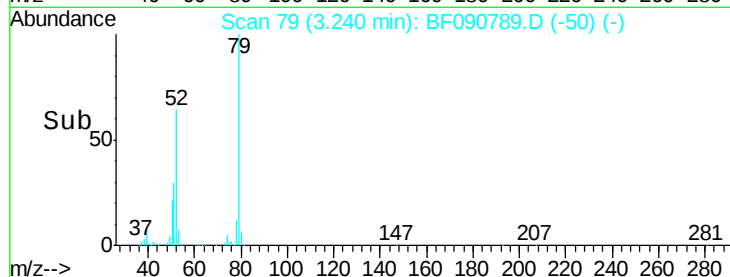
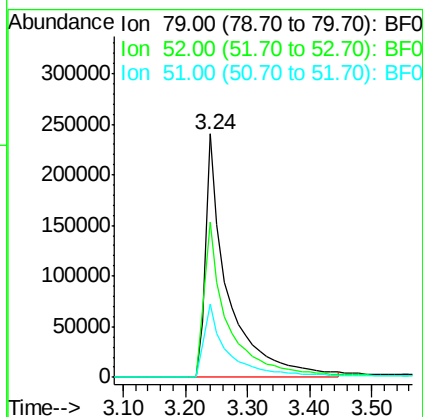
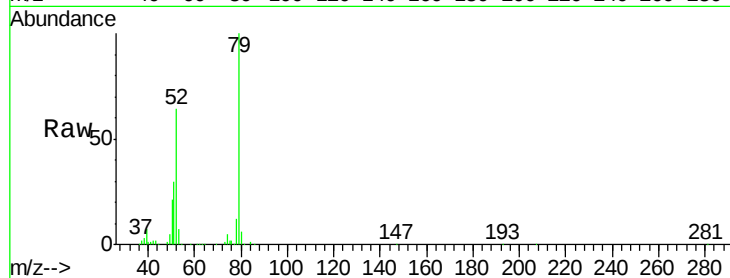
ClientSampleId :

PB94262BS

Tot Ion:	79	Resp:	600982
Ion Ratio	Lower	Upper	
79	100		
52	64.0	76.8	115.2#
51	30.0	32.2	48.4#

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#4

n-Nitrosodimethylamine

Concen: 33.35 ng

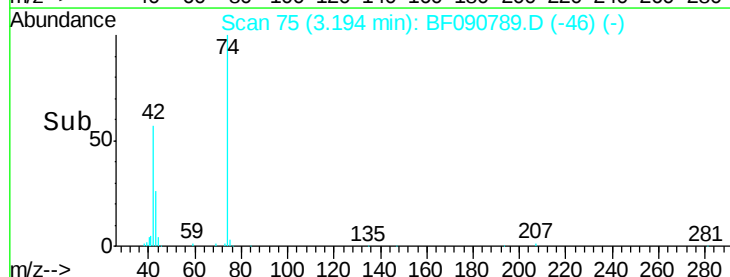
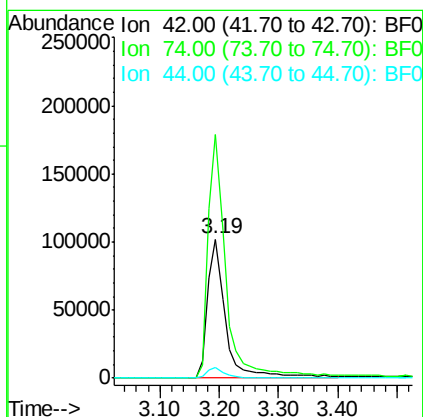
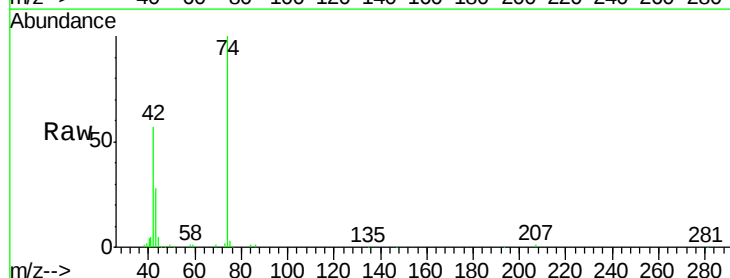
RT: 3.19 min Scan# 75

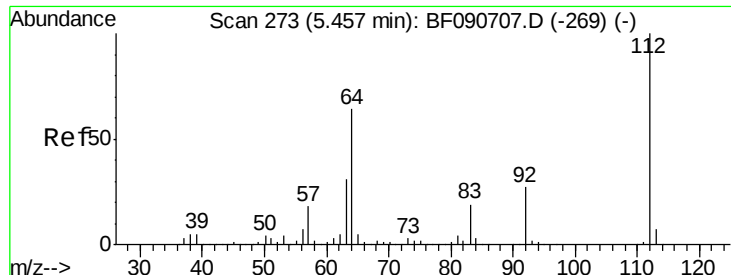
Delta R.T. 0.03 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Tgt Ion:	42	Resp:	219715
Ion Ratio	Lower	Upper	
42	100		
74	175.0	105.0	157.6#
44	7.9	6.6	10.0





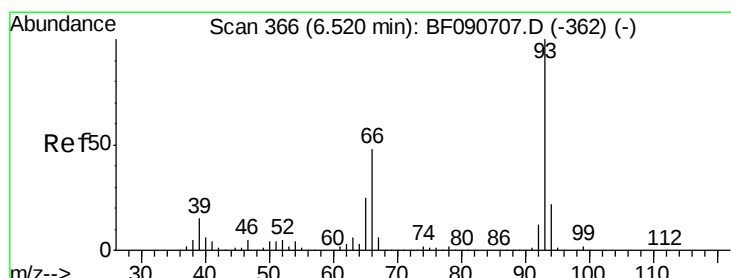
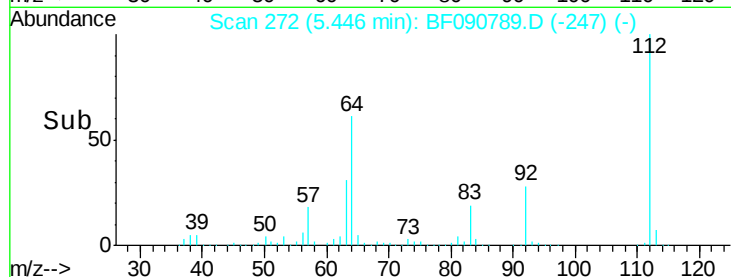
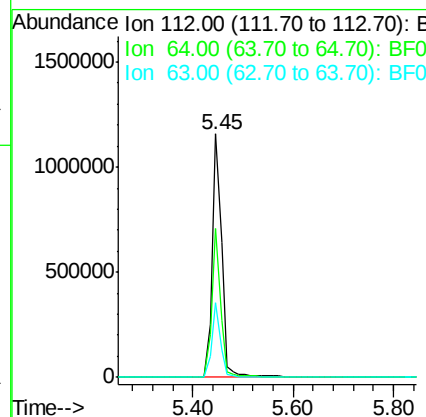
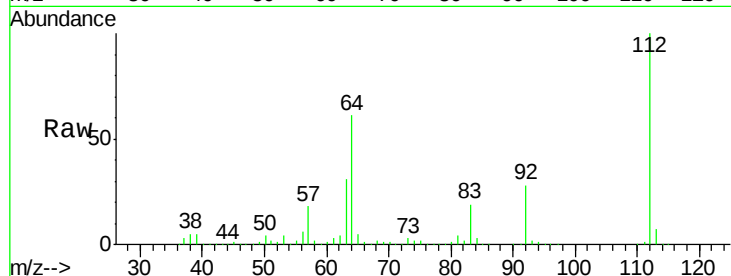
#5
2-Fluorophenol
Concen: 108.21 ng
RT: 5.45 min Scan# 272
Delta R.T. -0.01 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion: 112 Resp: 1536786
Ion Ratio Lower Upper
112 100
64 61.4 39.7 59.5#
63 30.5 17.4 26.0#

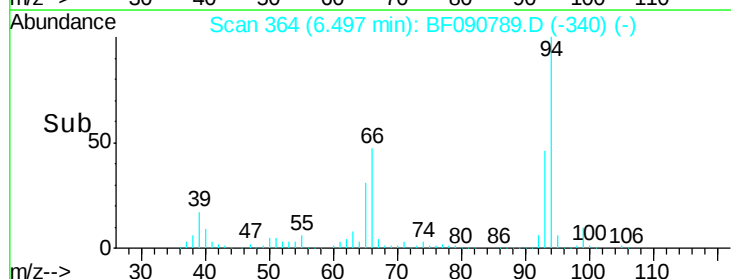
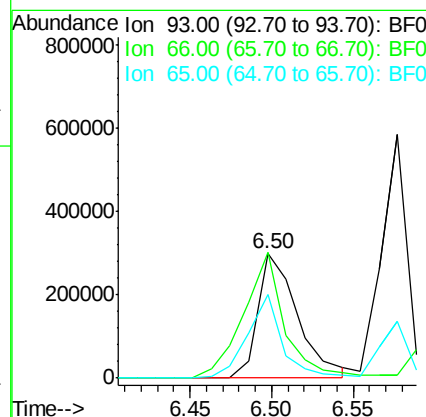
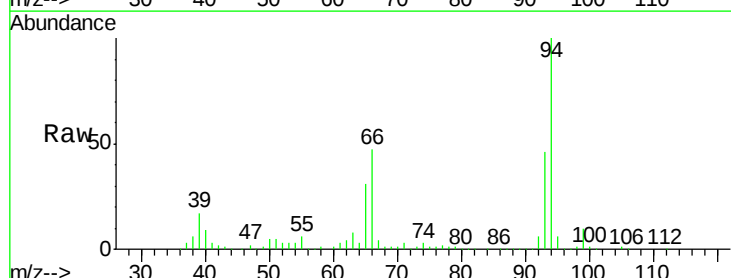
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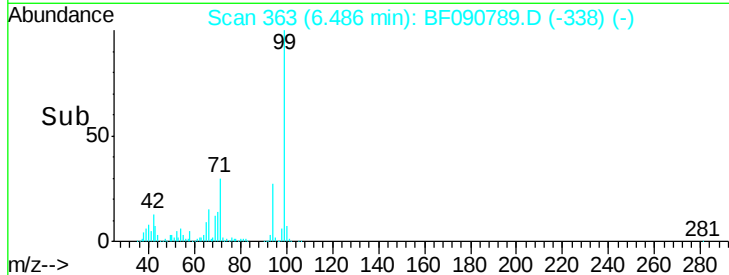
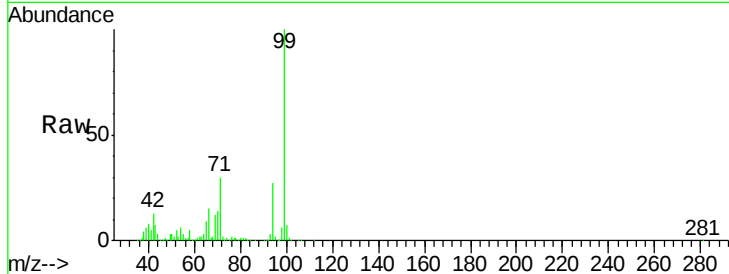
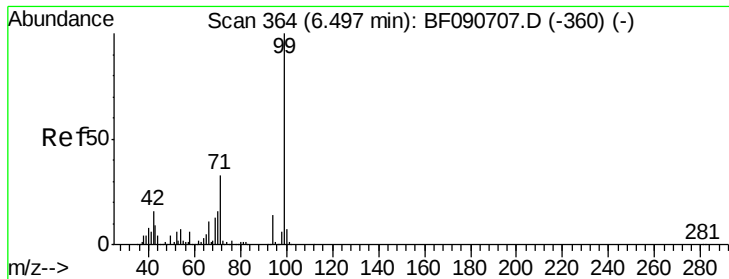
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#6
Aniline
Concen: 23.41 ng
RT: 6.50 min Scan# 364
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion: 93 Resp: 510672
Ion Ratio Lower Upper
93 100
66 101.5 27.2 40.8#
65 67.3 14.7 22.1#





#7

Phenol-d6

Concen: 107.46 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Tot Ion: 99 Resp: 2067258

Ion Ratio Lower Upper

99 100

42 12.7 13.7 20.5#

71 29.9 14.2 21.2#

Instrument :

BNA_F

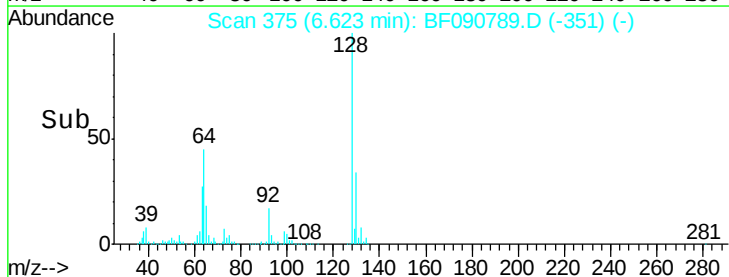
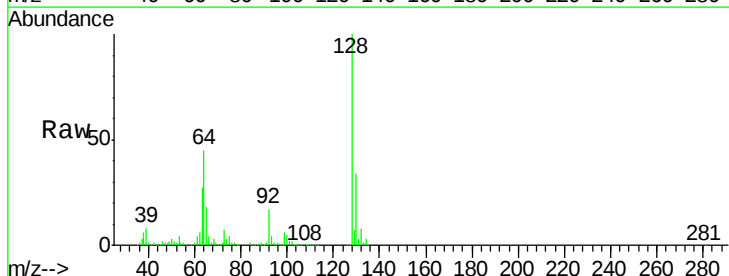
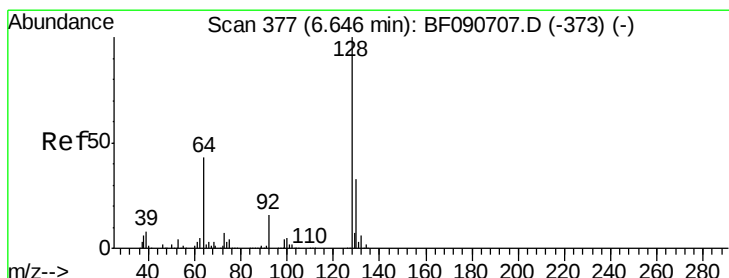
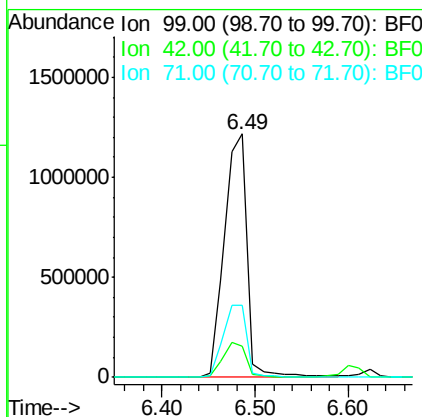
ClientSampleId :

PB94262BS

Manual Integrations

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#8

2-Chlorophenol

Concen: 38.69 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

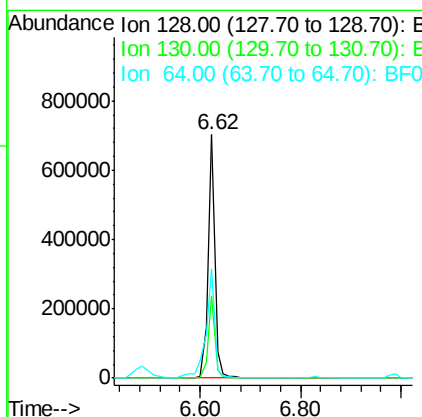
Tgt Ion: 128 Resp: 659552

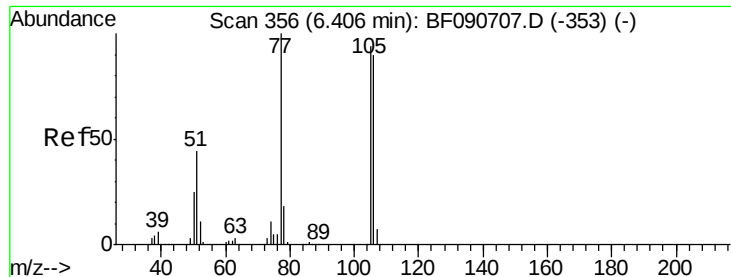
Ion Ratio Lower Upper

128 100

130 34.0 12.2 52.2

64 45.0 20.5 60.5





#9

Benzaldehyde

Concen: 17.46 ng

RT: 6.38 min Scan# 354

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

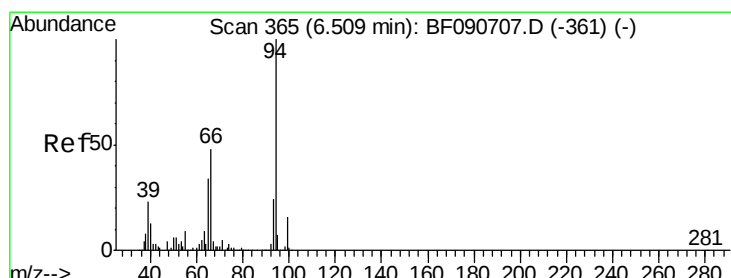
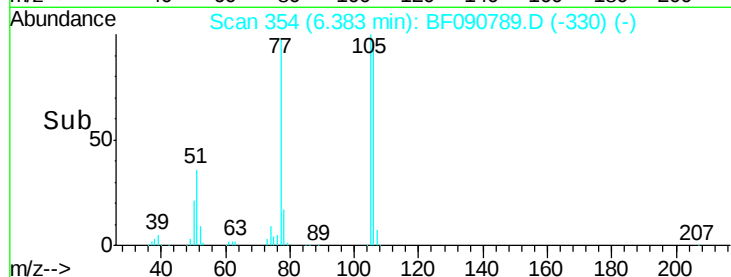
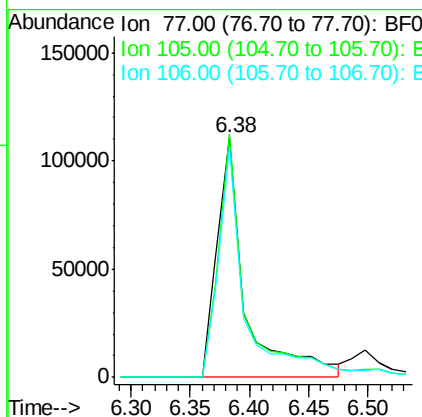
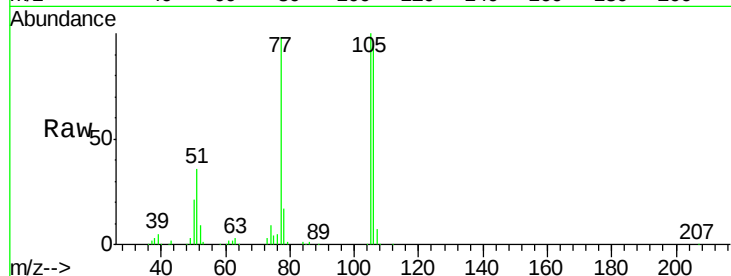
ClientSampleId :

PB94262BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.7	91.6	131.6		
106	96.6	102.6	142.6		

Manual Integrations
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#10

Phenol

Concen: 36.55 ng

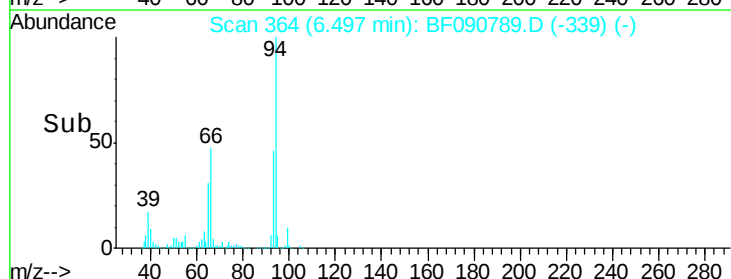
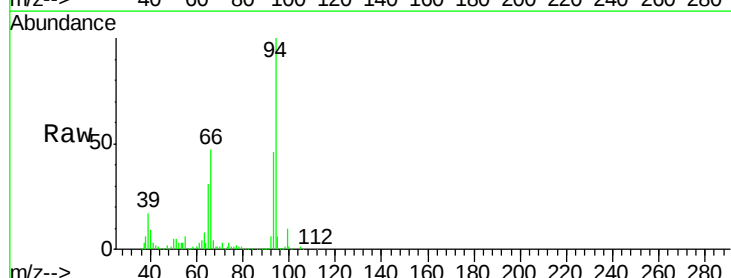
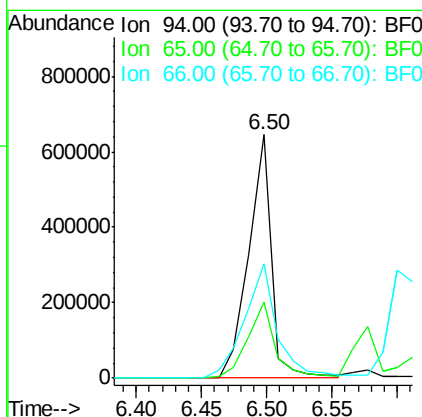
RT: 6.50 min Scan# 364

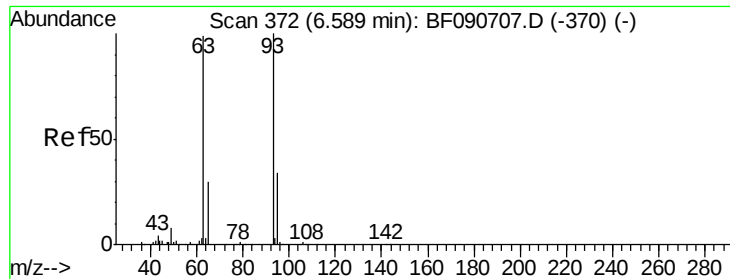
Delta R.T. -0.01 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	31.1	0.7	40.7		
66	46.9	0.8	40.8		





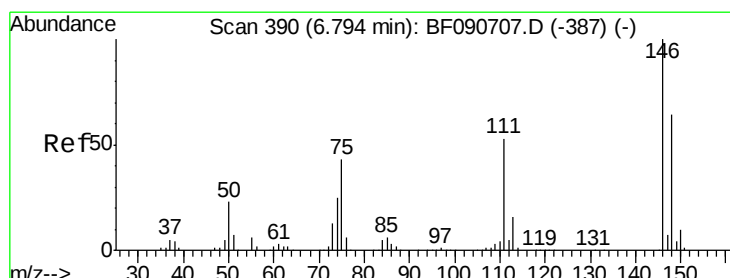
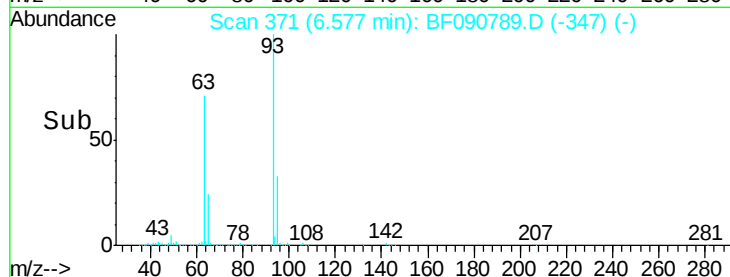
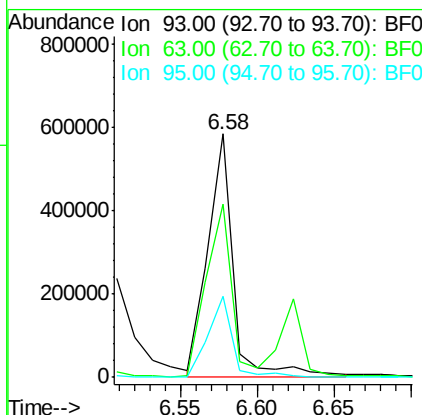
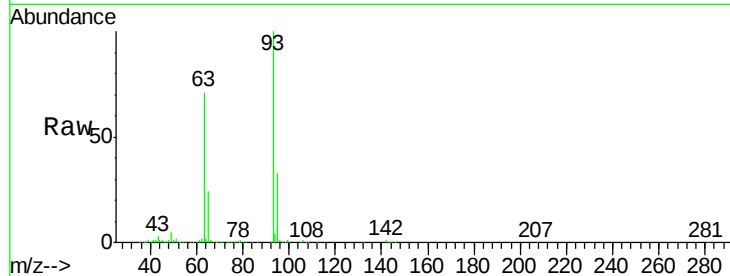
#11
bis(2-Chloroethyl)ether
Concen: 37.94 ng/ml
RT: 6.58 min Scan# 371
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.2	65.6	105.6
95	33.2	13.6	53.6

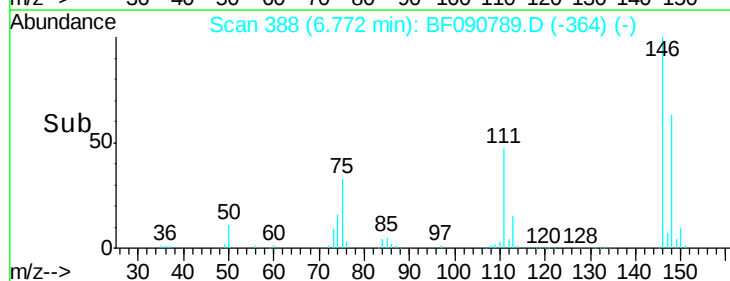
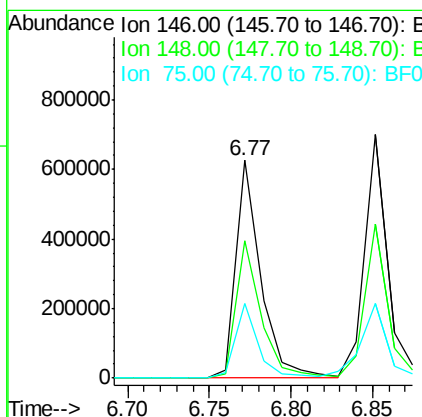
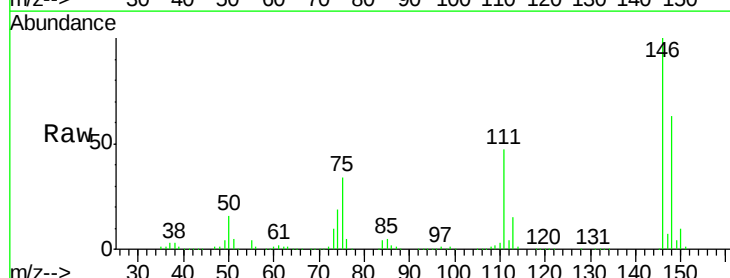
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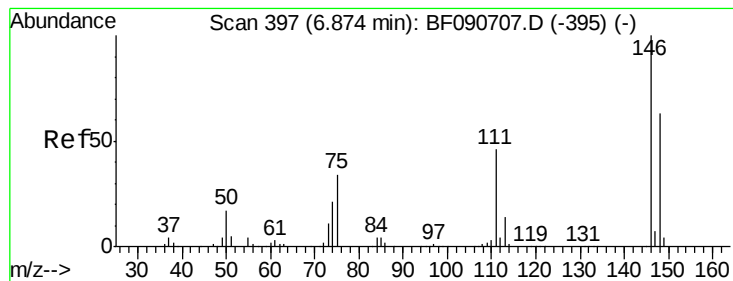
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#12
1,3-Dichlorobenzene
Concen: 38.41 ng/ml
RT: 6.77 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.0	76.4
75	34.1	15.0	22.6





#13

1,4-Dichlorobenzene

Concen: 38.81 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

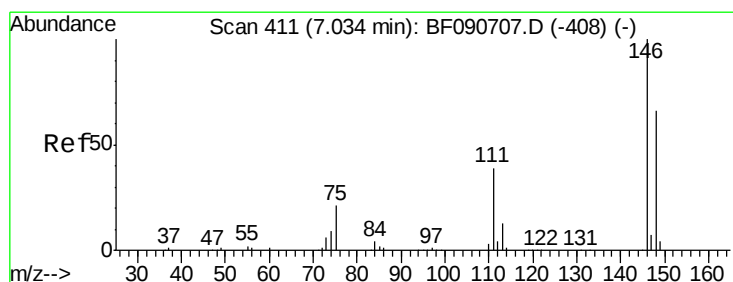
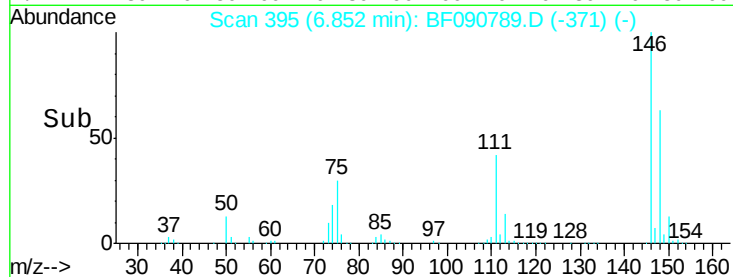
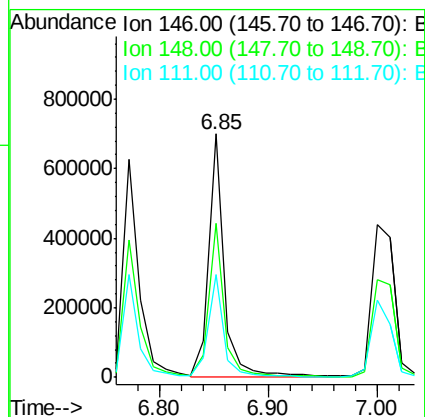
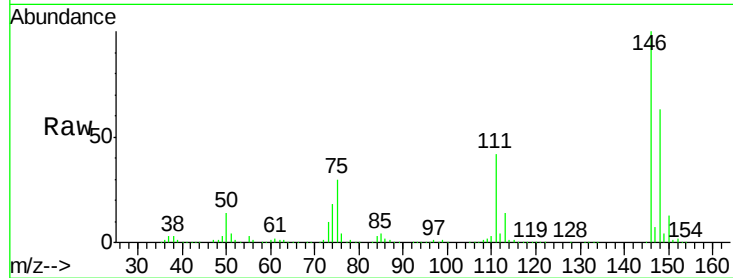
ClientSampleId :

PB94262BS

Tot Ion:	146	Resp:	704961
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.8	77.6
111	42.3	24.9	37.3#

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#14

1,2-Dichlorobenzene

Concen: 35.82 ng m

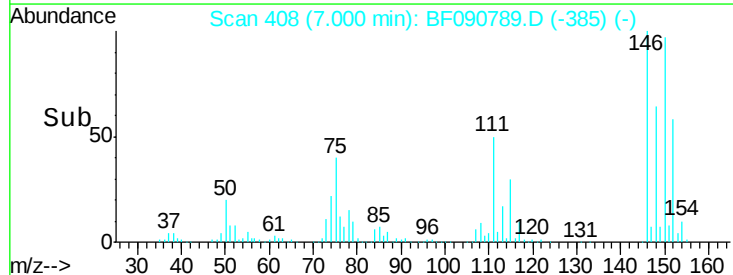
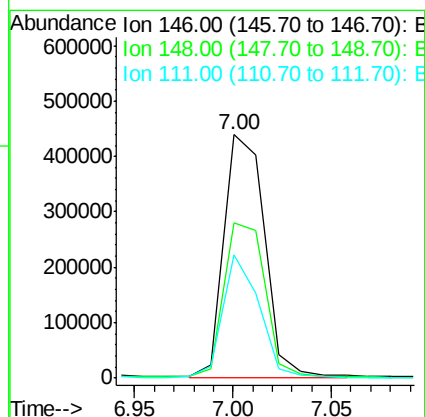
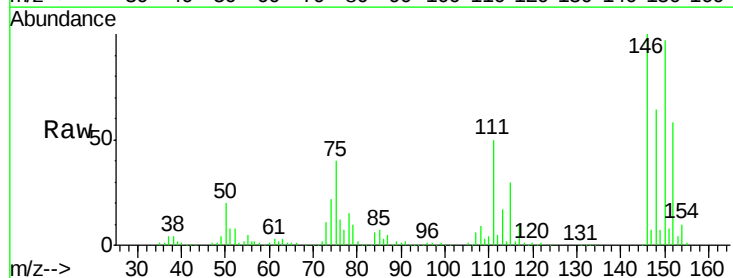
RT: 7.00 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Tgt Ion:	146	Resp:	636965
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.7	79.1
111	50.4	28.8	43.2#





#15

Benzyl Alcohol

Concen: 35.85 ng

RT: 6.98 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

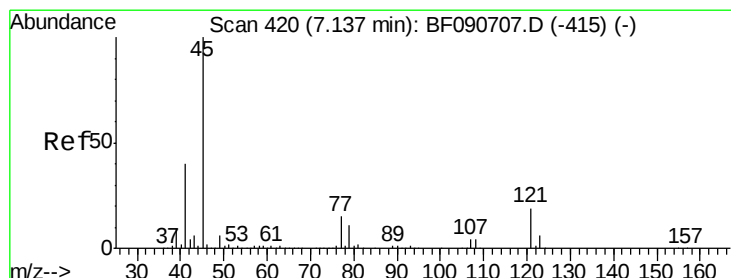
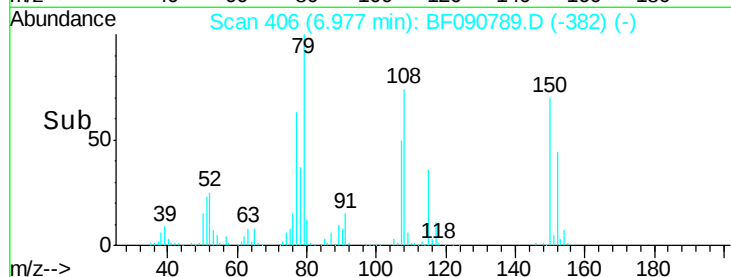
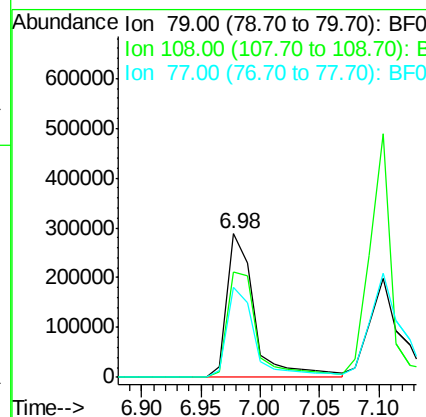
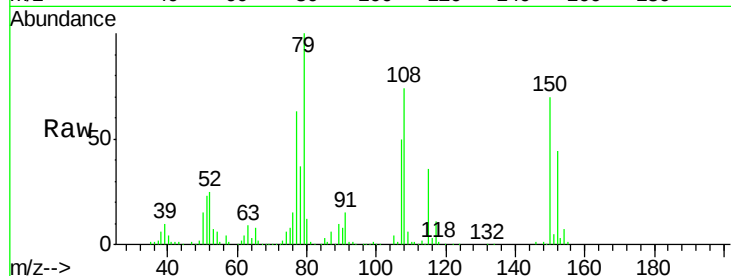
ClientSampleId :

PB94262BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.6	88.6	132.8#
77	63.2	47.0	70.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 28.12 ng

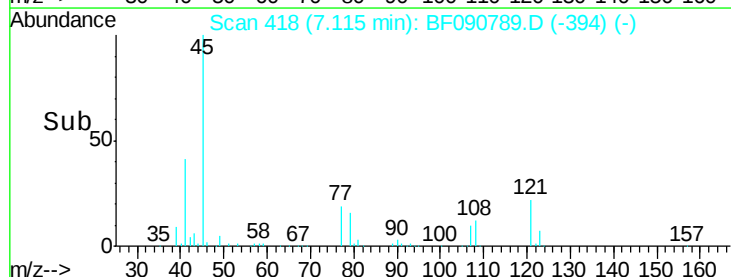
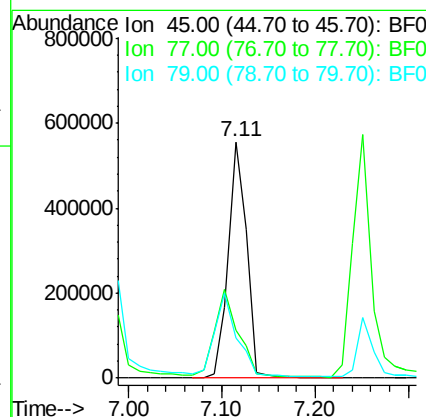
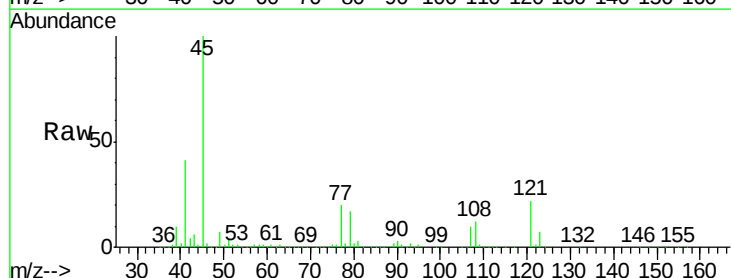
RT: 7.11 min Scan# 418

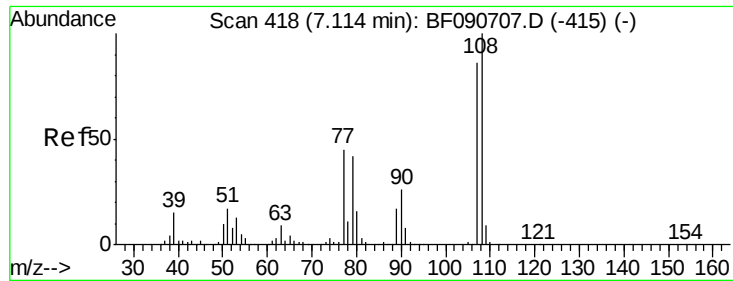
Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.5	0.0	28.1
79	17.0	0.0	26.0





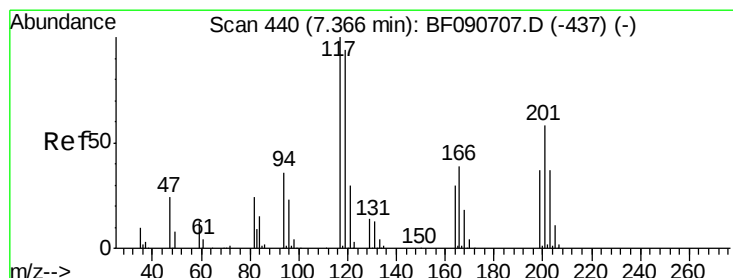
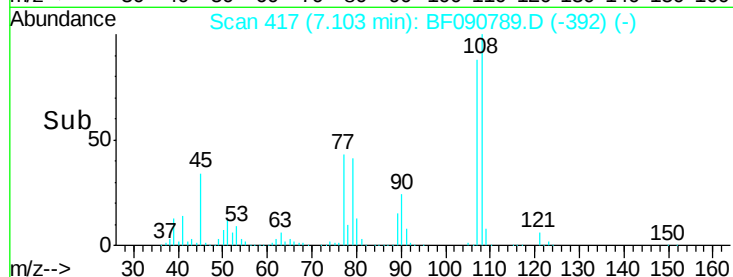
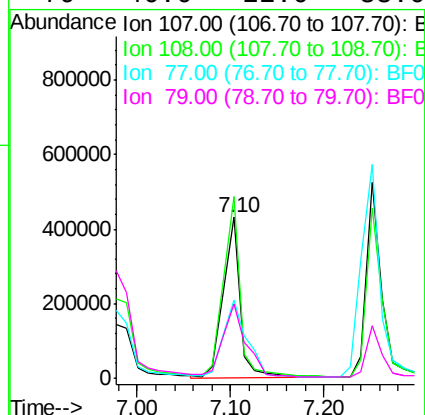
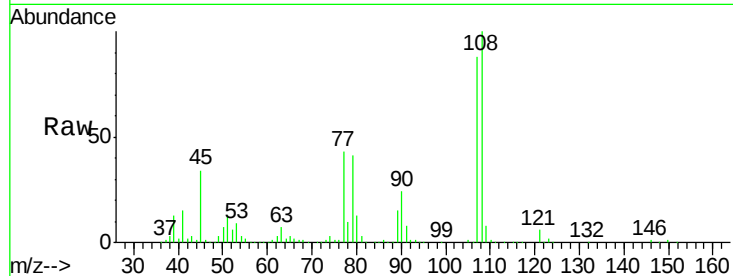
#17
2-Methylphenol
Concen: 41.89 ng
RT: 7.10 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	113.3	96.6	145.0
77	48.7	23.3	34.9
79	46.0	22.0	33.0

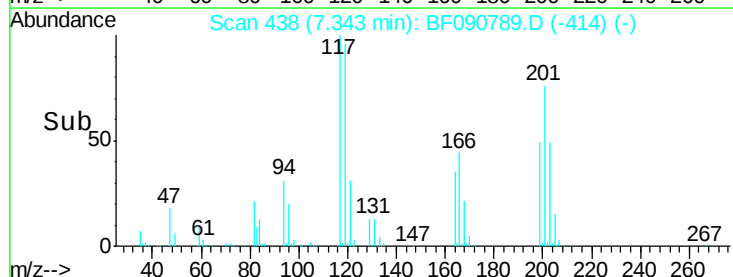
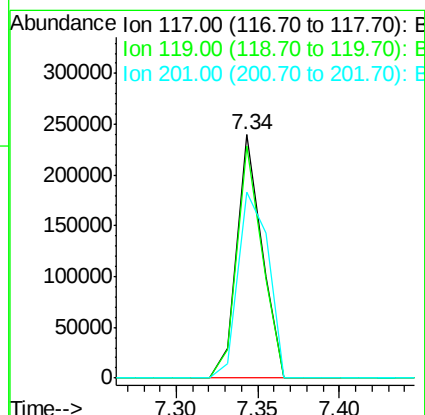
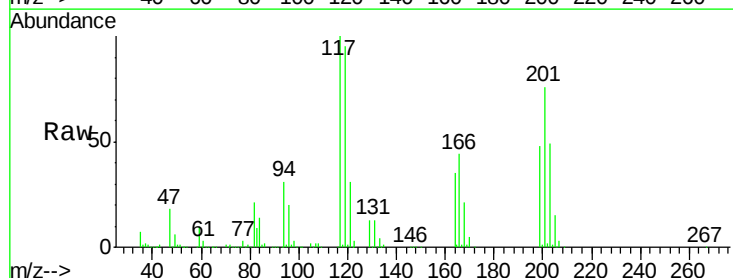
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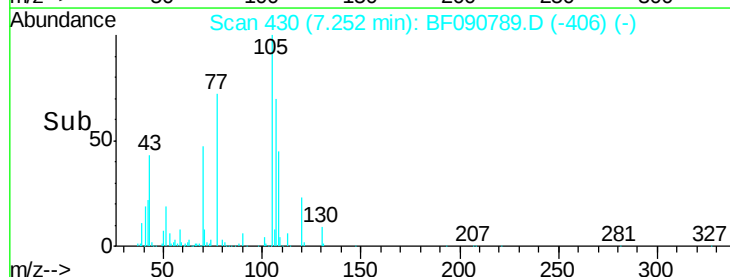
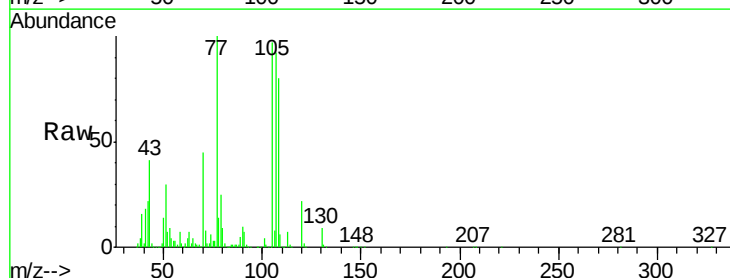
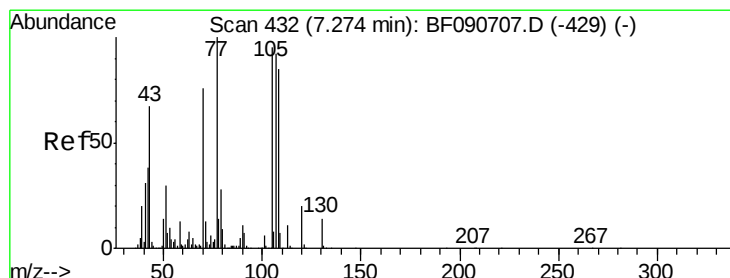
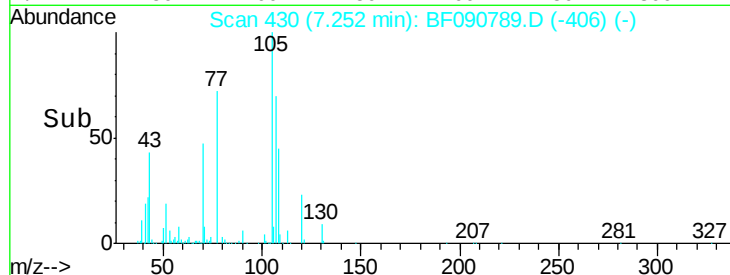
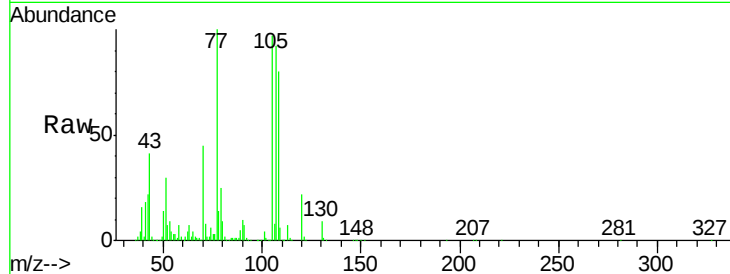
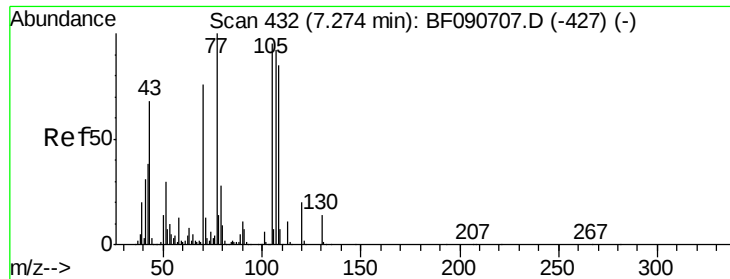
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#18
Hexachloroethane
Concen: 34.38 ng
RT: 7.34 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	95.4	83.8	125.6
201	76.2	55.1	82.7





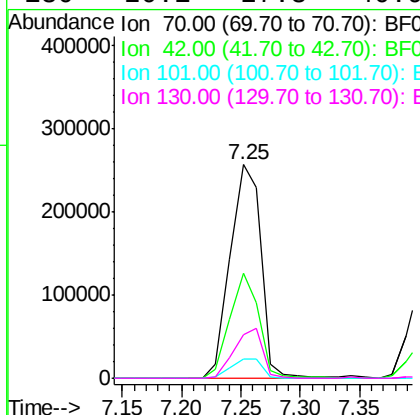
#19
n-Nitroso-di-n-propylamine
Concen: 32.30 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	49.3	63.8	95.6#
101	8.9	9.2	13.8#
130	20.1	27.3	40.9#

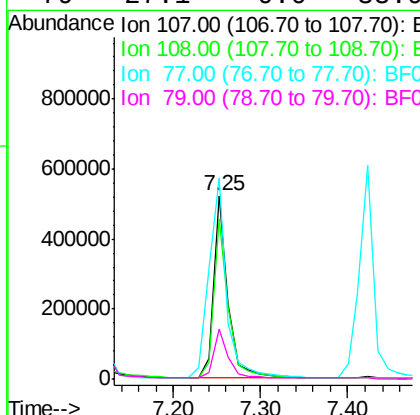
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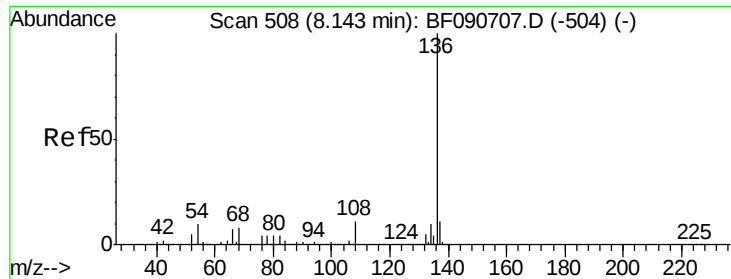
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#20
3+4-Methylphenols
Concen: 39.62 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	87.2	74.6	114.6
77	109.2	0.7	40.7#
79	27.1	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

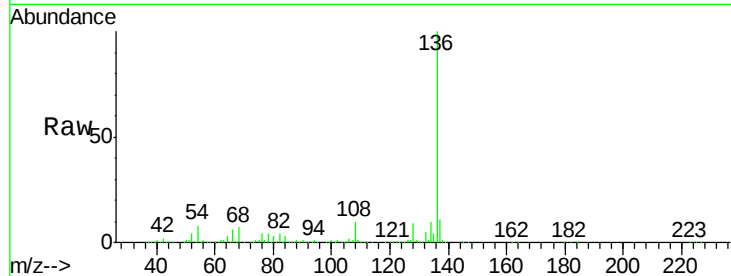
ClientSampleId :

PB94262BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		964850		
137	11.3		9.0	13.6	
54	8.3		8.2	12.2	
68	7.5		5.8	8.6	

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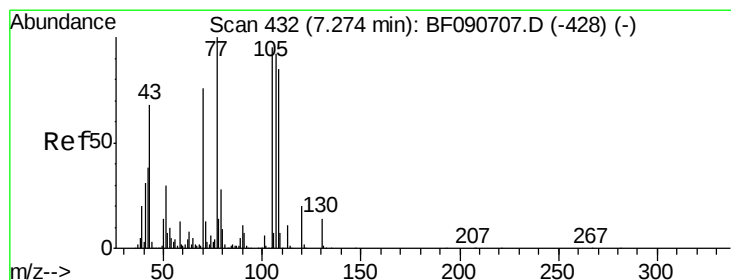
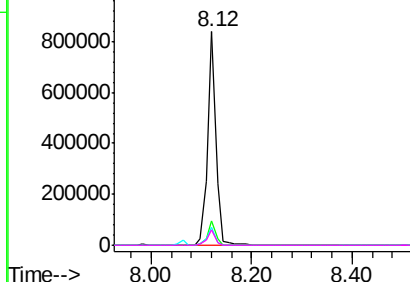
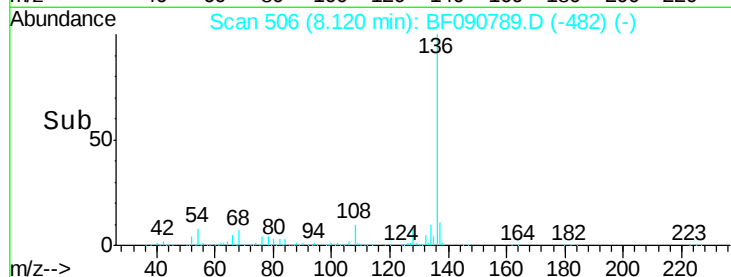


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.33 ng

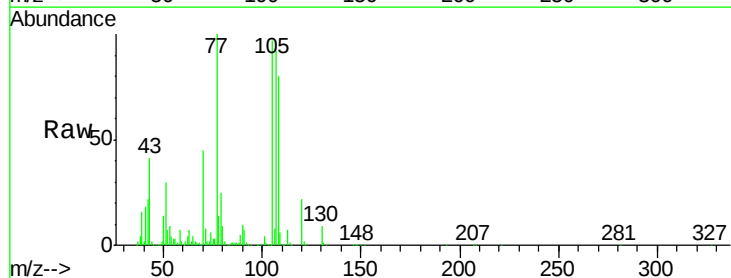
RT: 7.25 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		845698		
71	7.8		4.7	7.1#	
51	30.6		22.0	33.0	
120	22.2		30.1	45.1#	

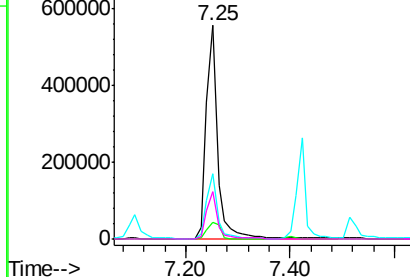
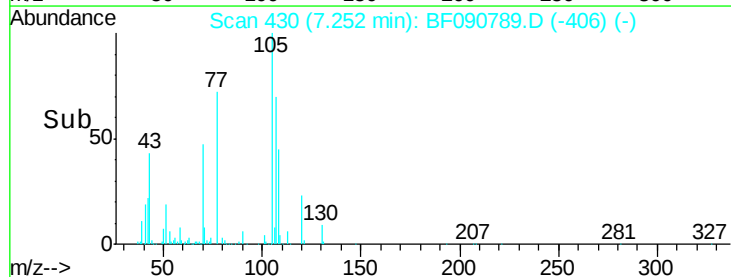


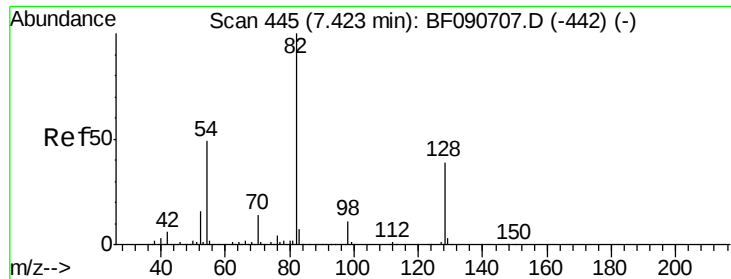
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





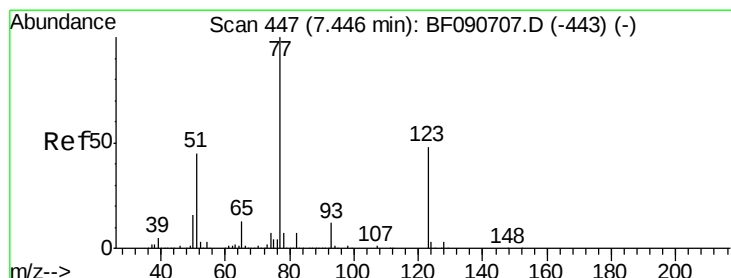
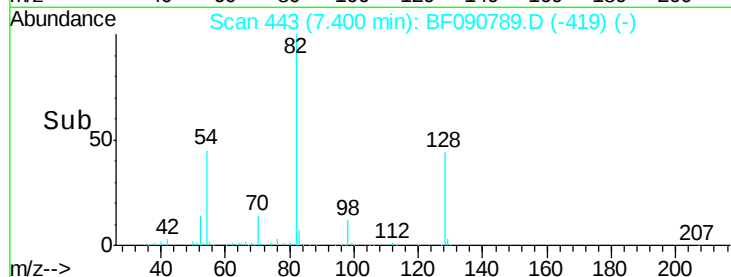
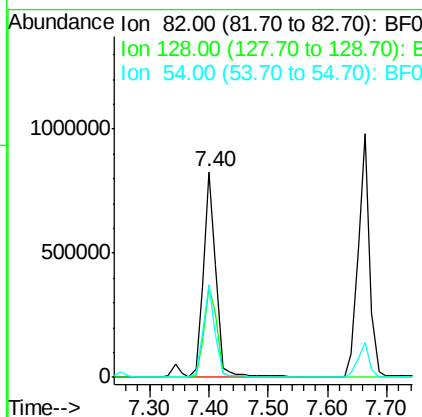
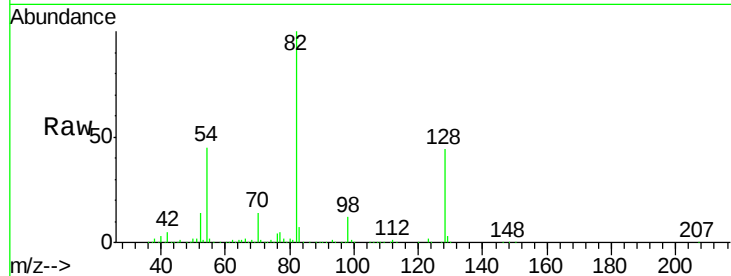
#23
 Nitrobenzene-d5
 Concen: 71.27 ng
 RT: 7.40 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Tot Ion	82	Resp	1253704
Ion Ratio	100		
Lower	51.0		
Upper	76.6#		
82	43.8		
128	45.3		
54			

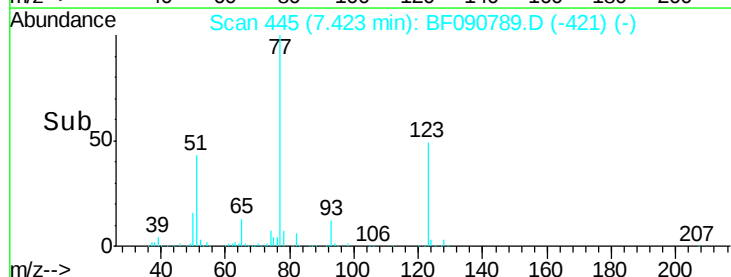
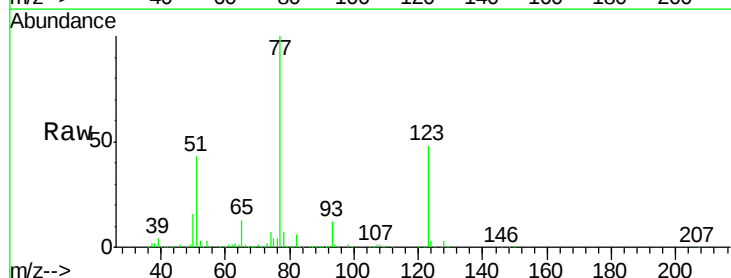
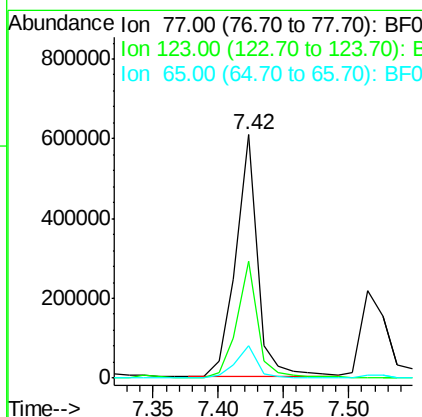
Manual Integrations
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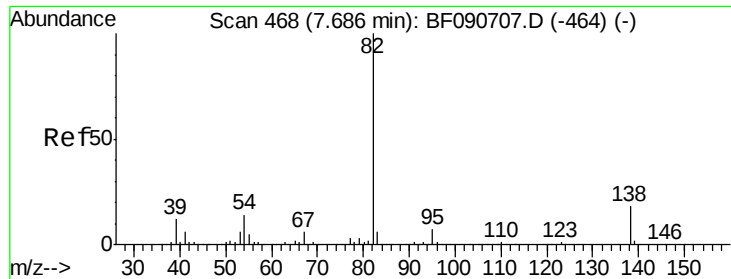
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#24
 Nitrobenzene
 Concen: 36.85 ng
 RT: 7.42 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Tgt Ion	77	Resp	702710
Ion Ratio	100		
Lower	59.8		
Upper	89.8#		
77	48.2		
123	13.1		
65			





#25

Isophorone

Concen: 38.89 ng

RT: 7.66 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

Tot Ion: 82 Resp: 1294971

Ion Ratio Lower Upper

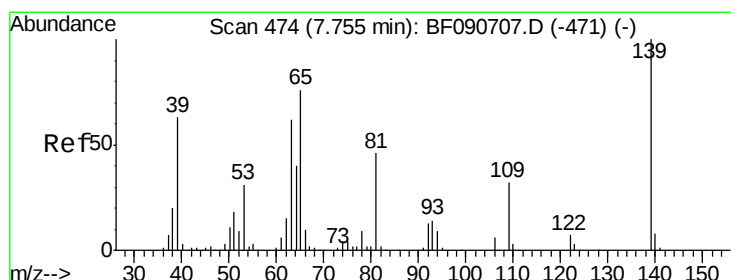
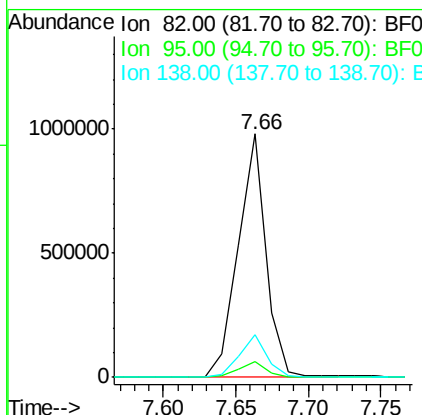
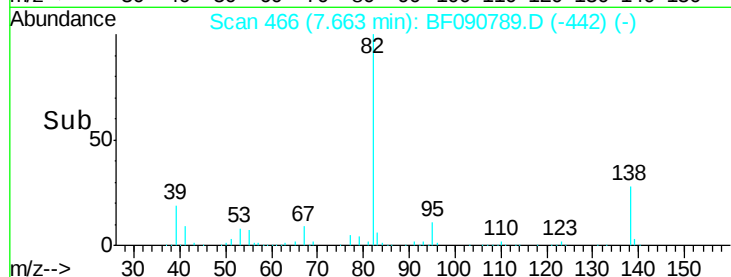
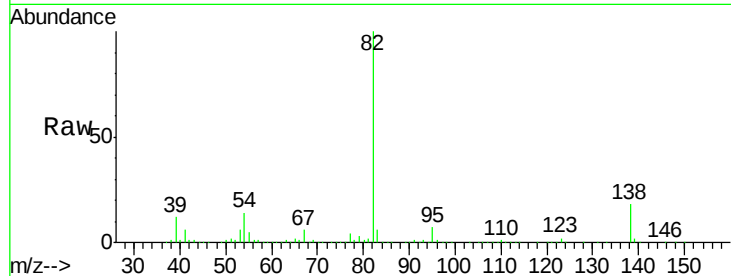
82 100

95 6.7 4.0 6.0#

138 17.6 18.3 27.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.33 ng

RT: 7.74 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

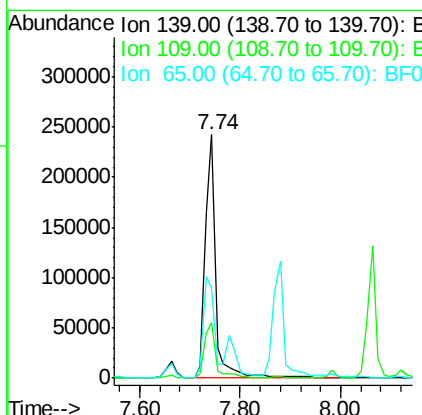
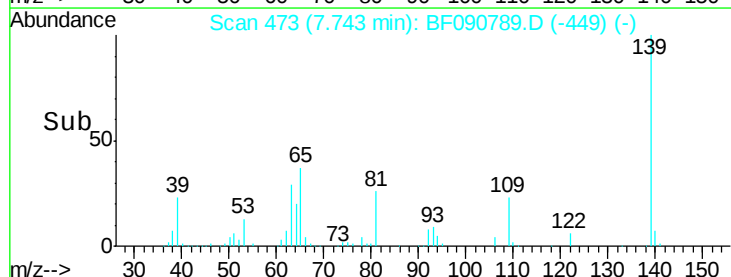
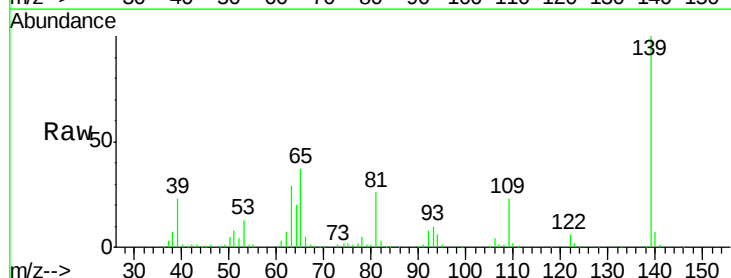
Tgt Ion: 139 Resp: 353173

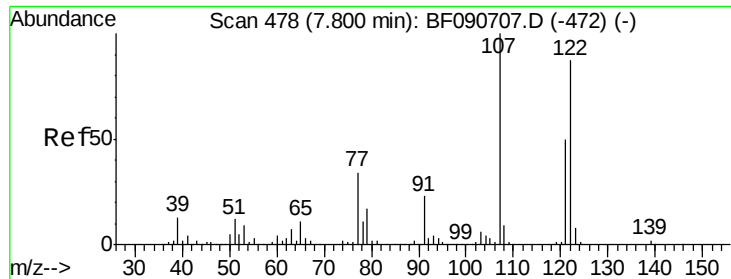
Ion Ratio Lower Upper

139 100

109 22.6 11.0 16.4#

65 37.2 24.7 37.1#





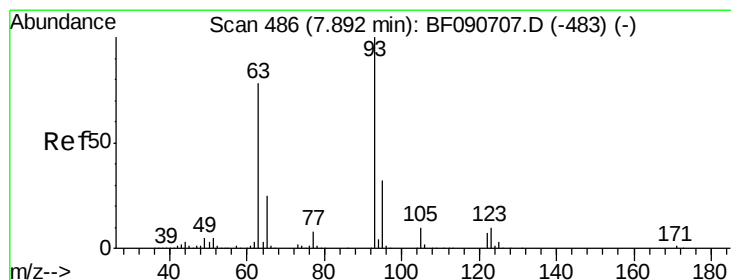
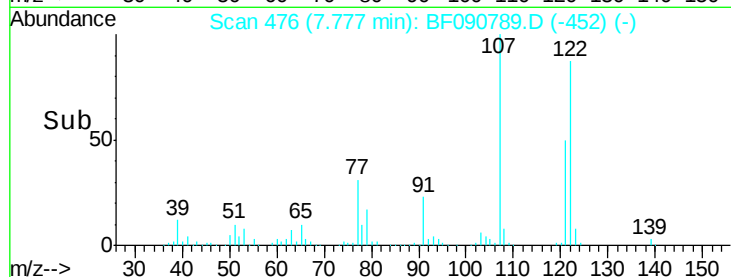
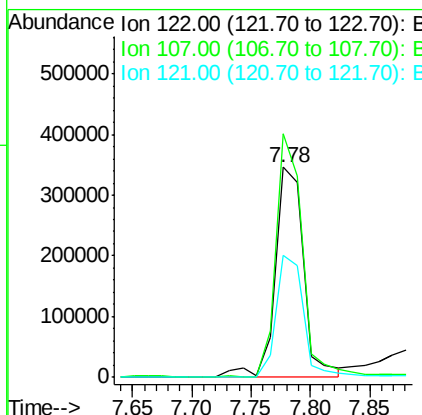
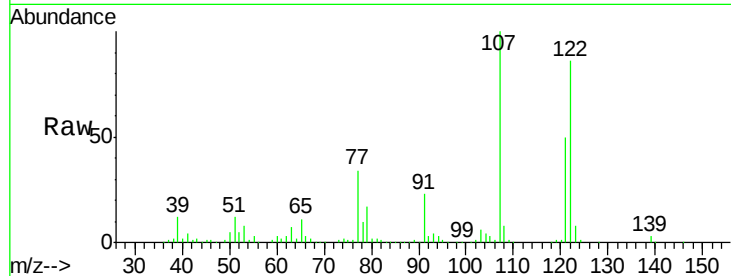
#27
2,4-Dimethylphenol
Concen: 41.38 ng
RT: 7.78 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.8	71.8	107.6#
121	57.9	42.3	63.5

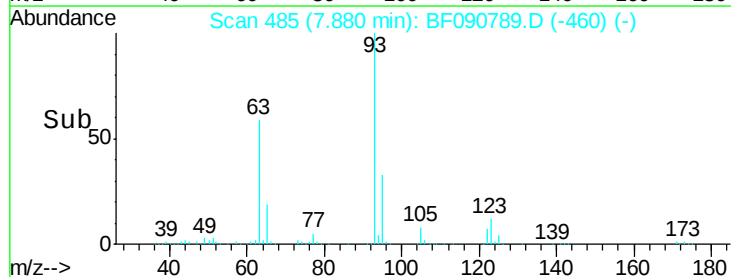
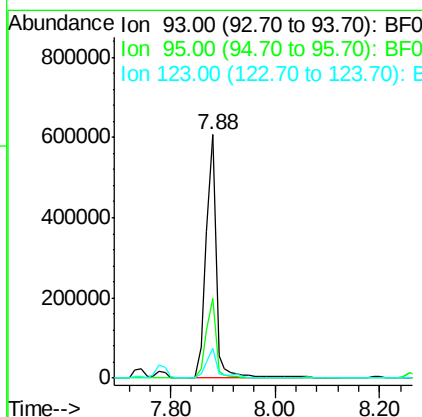
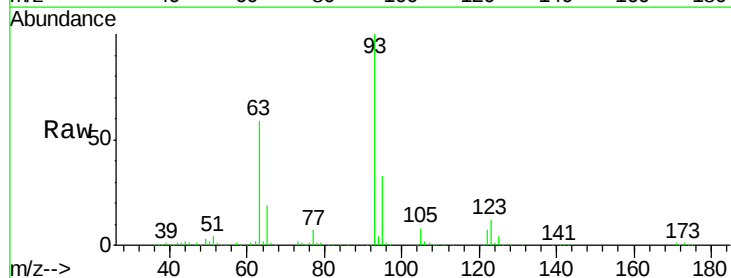
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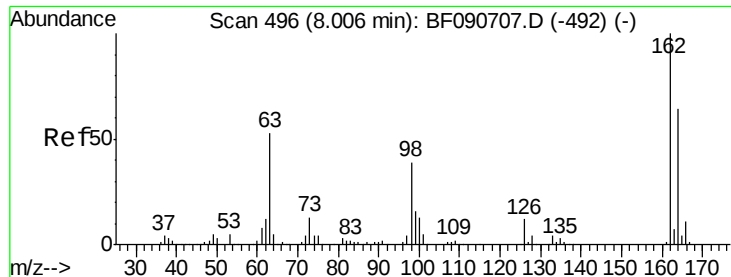
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#28
bis(2-Chloroethoxy)methane
Concen: 44.87 ng
RT: 7.88 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.5	41.3
123	12.3	13.7	20.5#





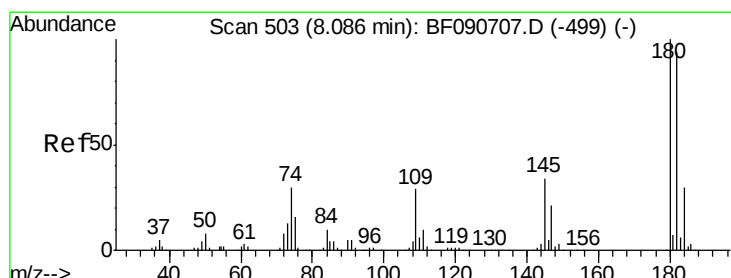
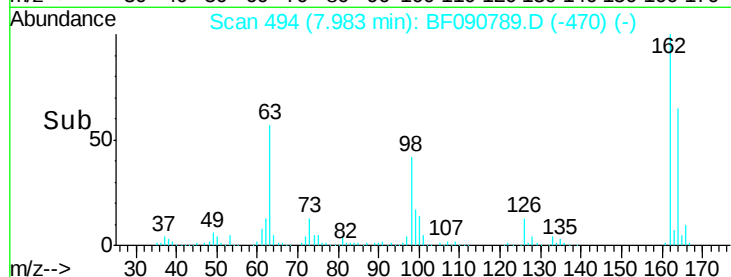
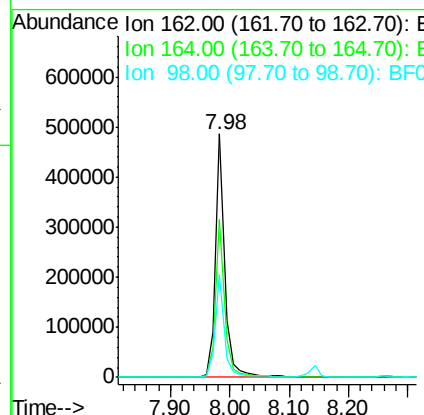
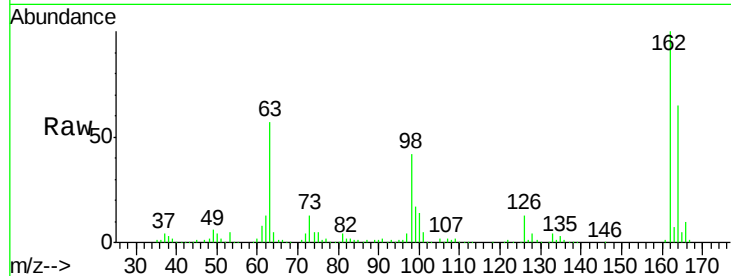
#29
2,4-Dichlorophenol
Concen: 46.83 ng
RT: 7.98 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.8	44.9	84.9
98	42.2	13.0	53.0

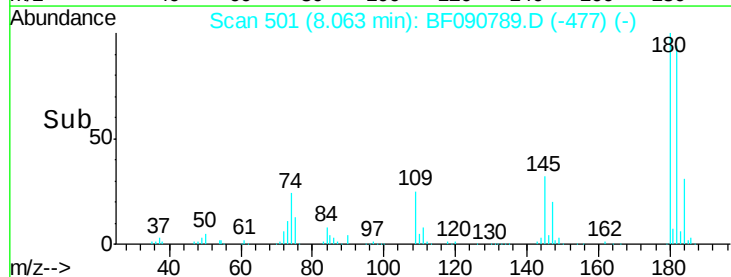
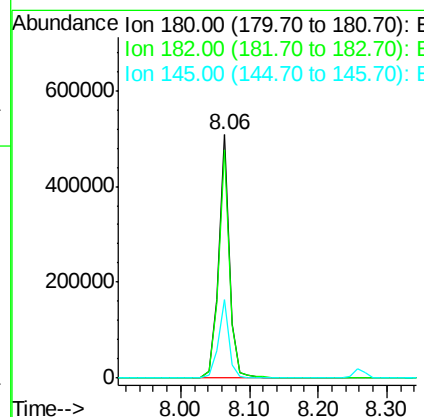
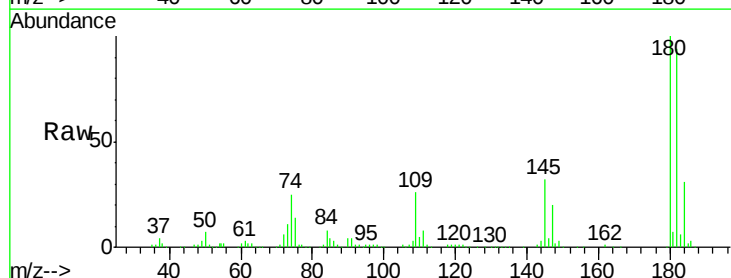
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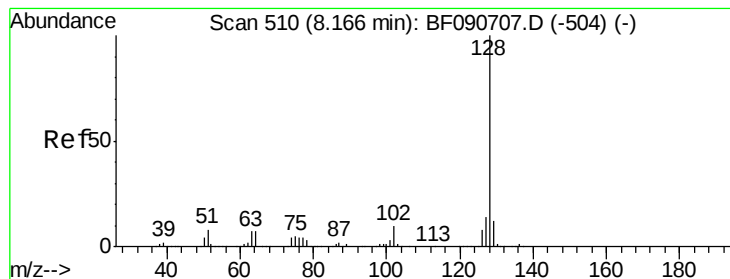
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#30
1,2,4-Trichlorobenzene
Concen: 42.80 ng
RT: 8.06 min Scan# 501
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.9	77.1	115.7
145	32.4	23.3	34.9





#31

Naphthalene

Concen: 39.66 ng

RT: 8.14 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

Tot Ion:128 Resp: 1871797

Ion Ratio Lower Upper

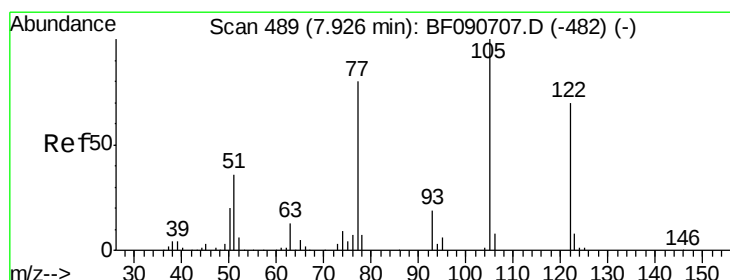
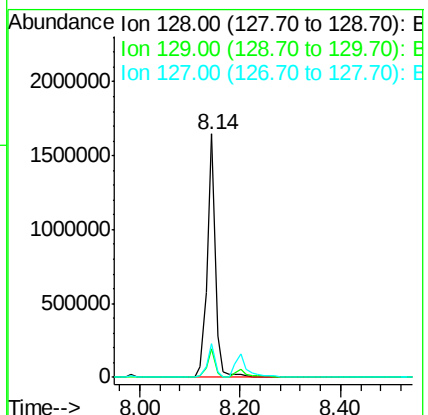
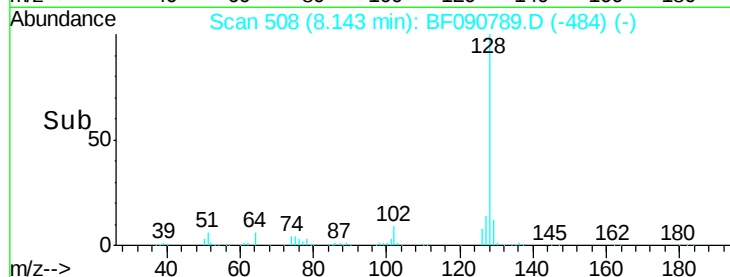
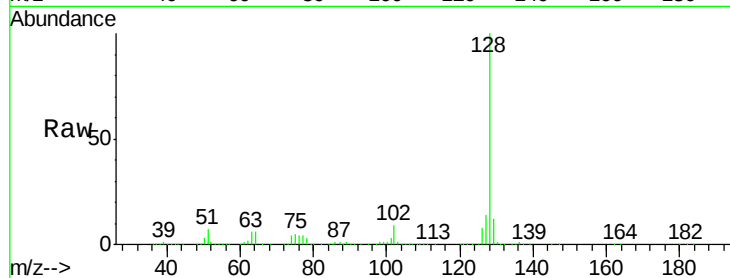
128 100

129 11.8 8.4 12.6

127 13.8 9.9 14.9

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#32

Benzoic acid

Concen: 37.41 ng

RT: 7.93 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

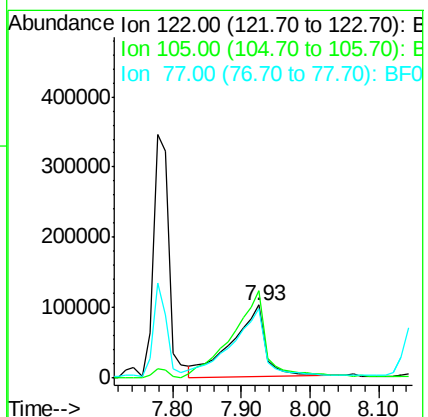
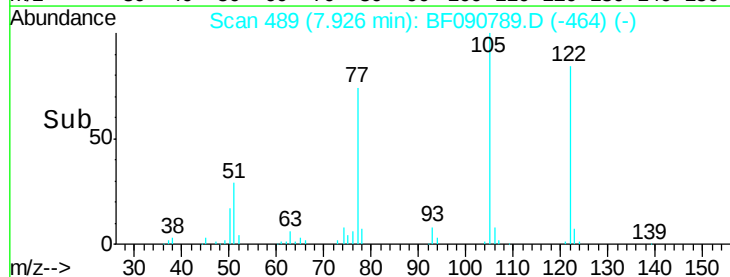
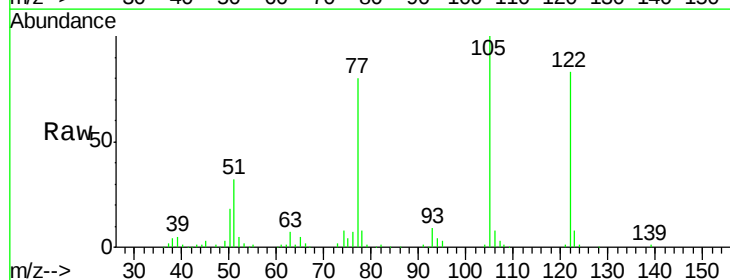
Tgt Ion:122 Resp: 345058

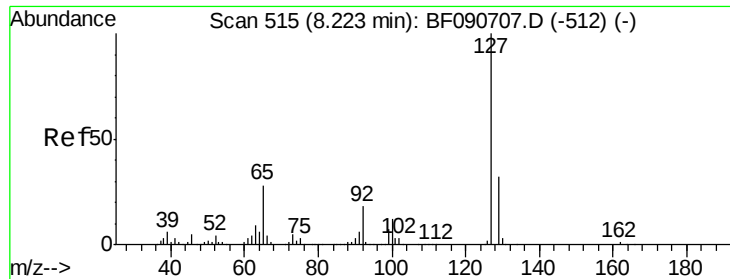
Ion Ratio Lower Upper

122 100

105 120.0 76.1 116.1#

77 95.9 40.5 80.5#





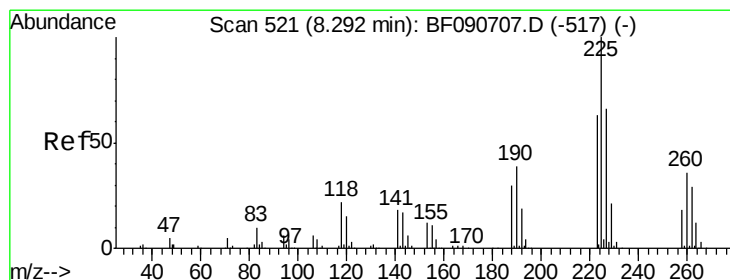
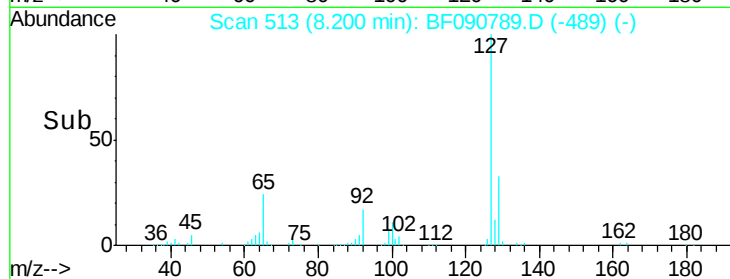
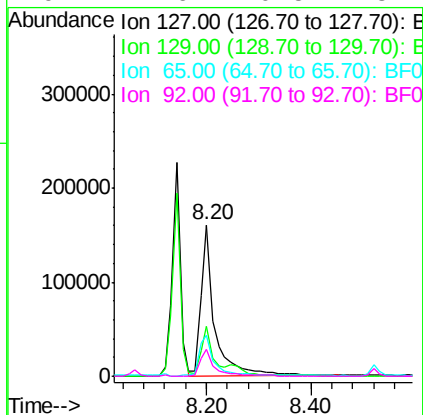
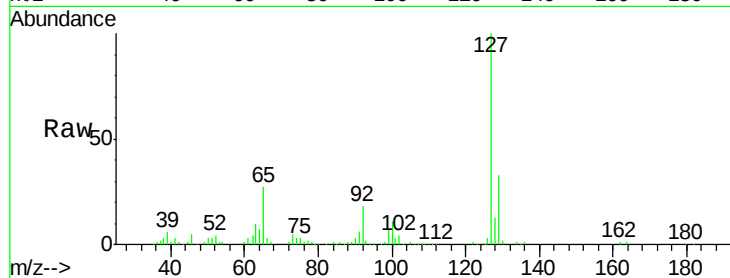
#33
4-Chloroaniline
Concen: 16.70 ng
RT: 8.20 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		292247		
129	33.0	25.8	38.6		
65	27.4	17.9	26.9		
92	17.6	10.5	15.7		

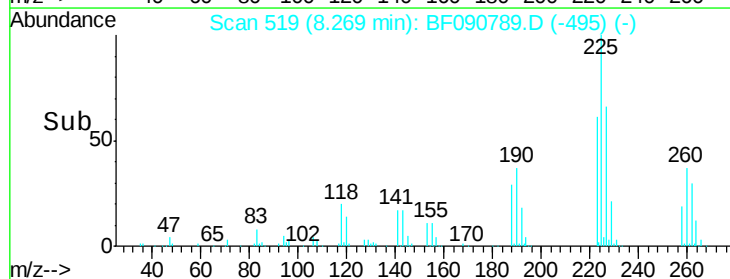
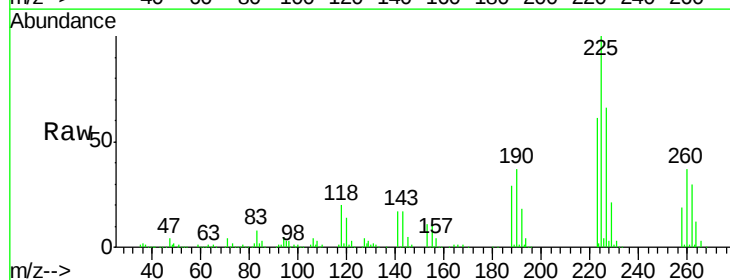
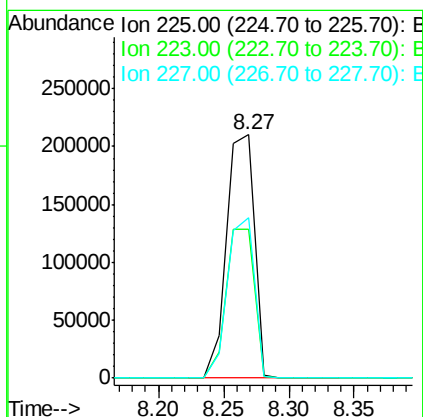
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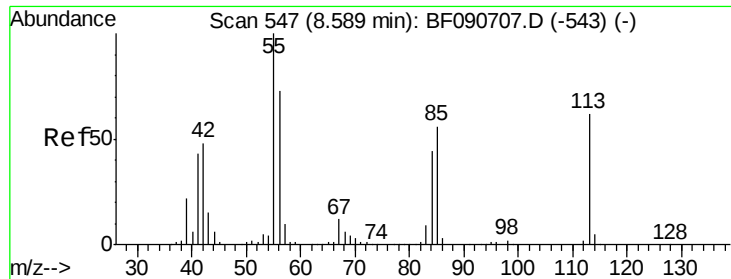
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#34
Hexachlorobutadiene
Concen: 41.51 ng
RT: 8.27 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		311409		
223	61.4	50.2	75.2		
227	66.0	52.2	78.2		





#35

Caprolactam

Concen: 58.43 ng/mL

RT: 8.57 min Scan# 545

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

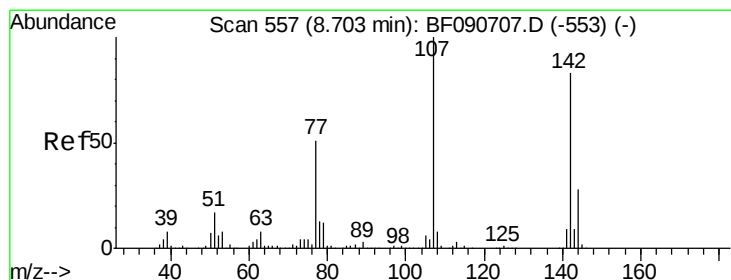
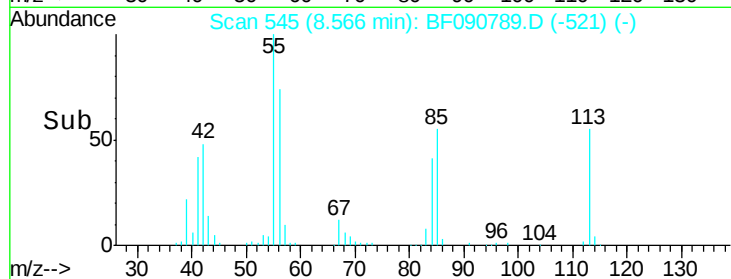
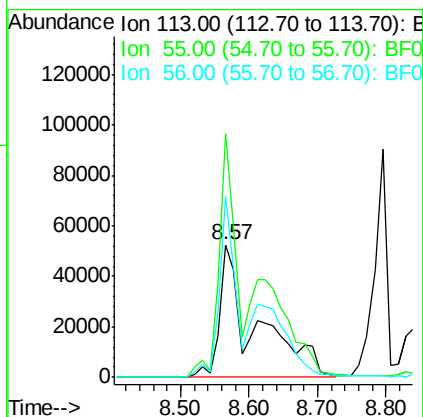
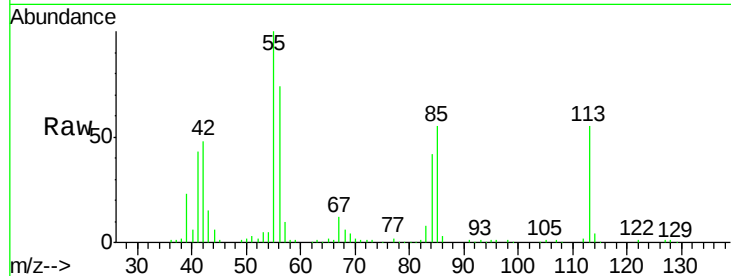
ClientSampleID :

PB94262BS

Tot Ion:	113	Resp:	189198
Ion Ratio	Lower	Upper	
113	100		
55	183.2	152.4	192.4
56	135.7	104.6	144.6

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#36

4-Chloro-3-methylphenol

Concen: 43.56 ng/mL

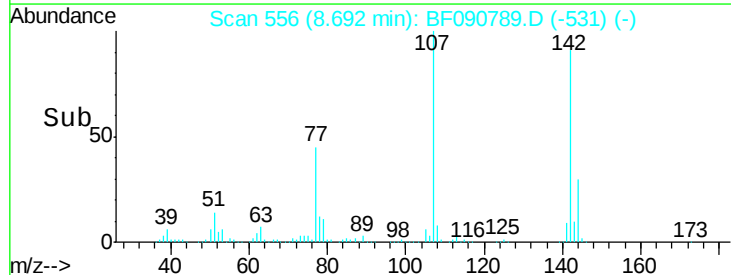
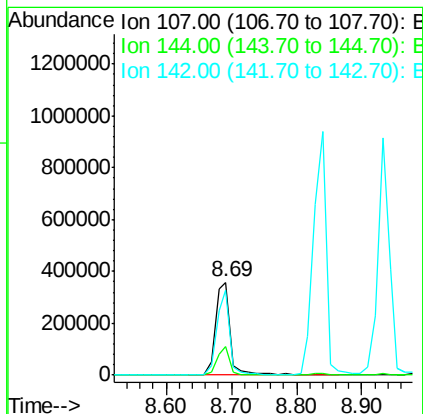
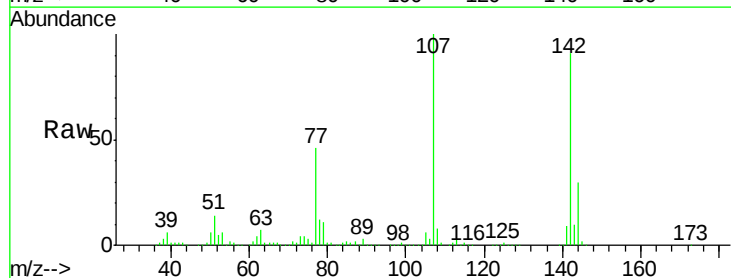
RT: 8.69 min Scan# 556

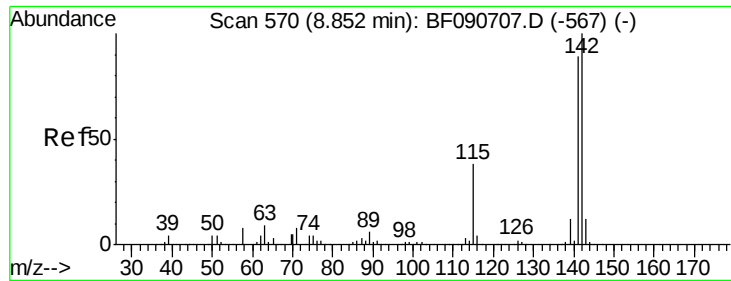
Delta R.T. -0.01 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Tgt Ion:	107	Resp:	574399
Ion Ratio	Lower	Upper	
107	100		
144	30.3	25.4	38.0
142	90.9	77.3	115.9





#37

2-Methylnaphthalene

Concen: 45.04 ng

RT: 8.84 min Scan# 569

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

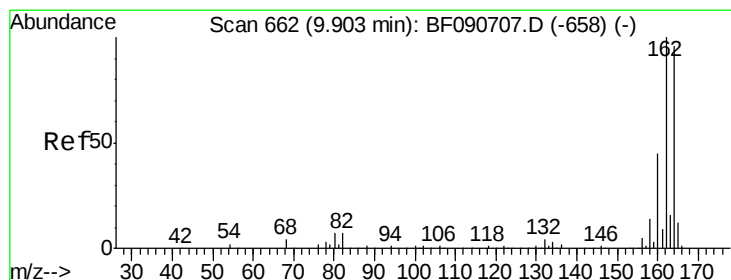
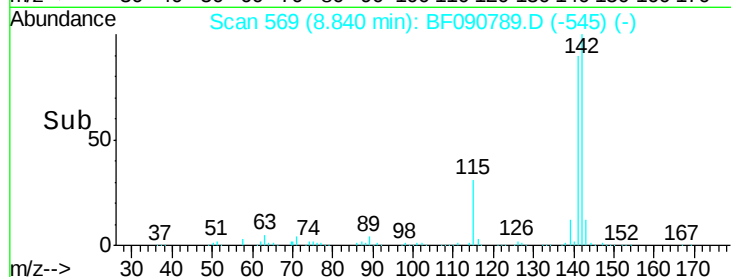
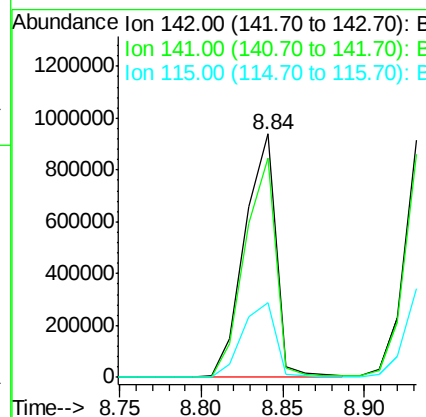
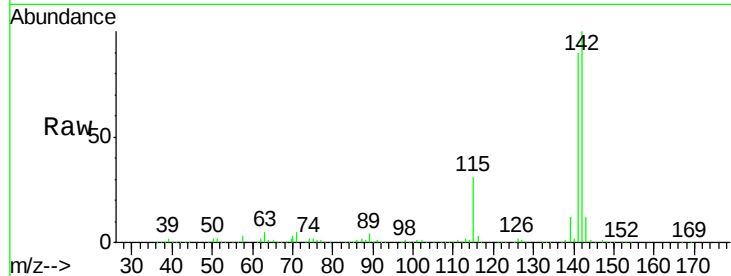
ClientSampleId :

PB94262BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	67.5	101.3
115	30.7	18.2	27.2

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#38

Acenaphthene-d10

Concen: 20.00 ng

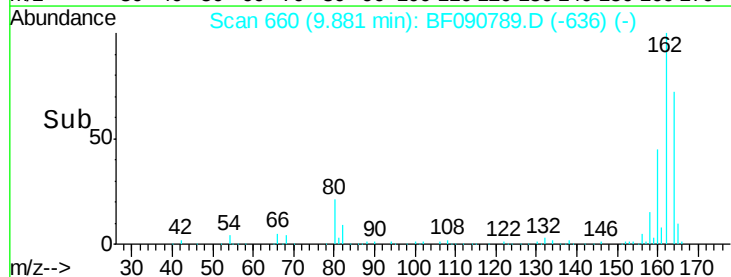
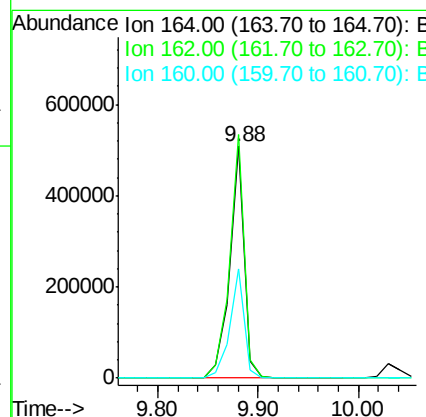
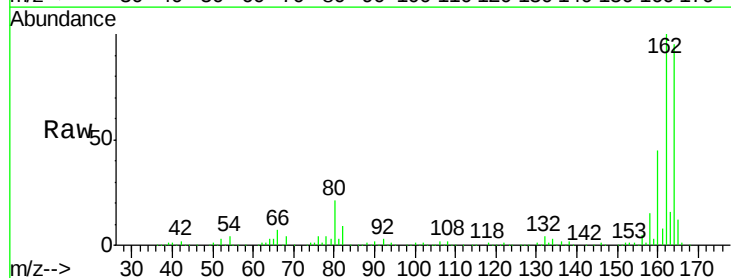
RT: 9.88 min Scan# 660

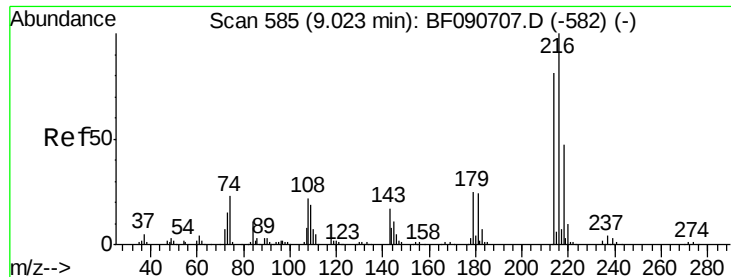
Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	75.2	112.8
160	47.0	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.20 ng

RT: 9.00 min Scan# 583

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

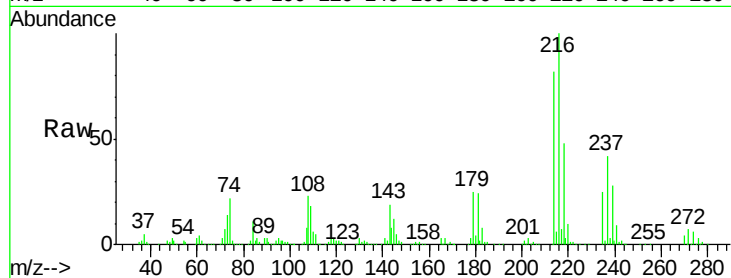
ClientSampleId :

PB94262BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		529942		
214	79.4		63.5	95.3	
179	22.2		16.6	24.8	
108	21.2		16.3	24.5	

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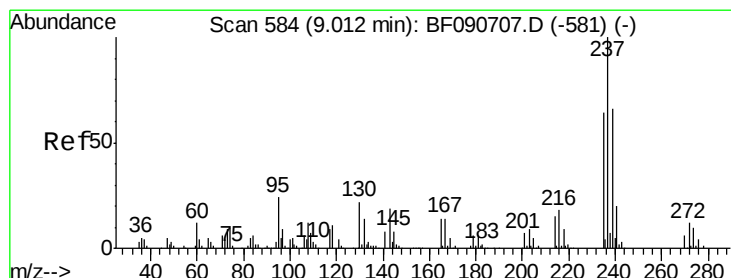
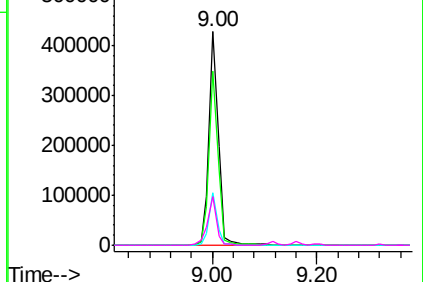
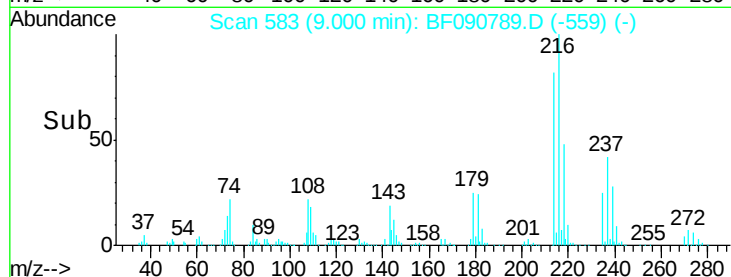


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 89.99 ng

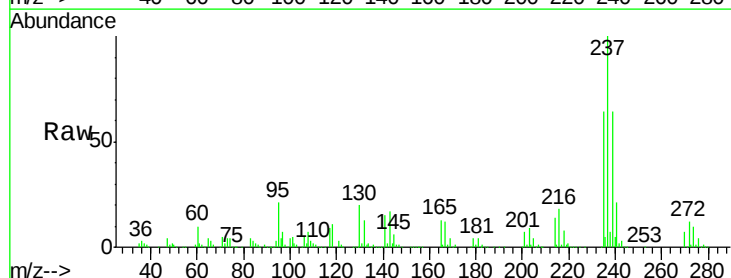
RT: 8.99 min Scan# 582

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

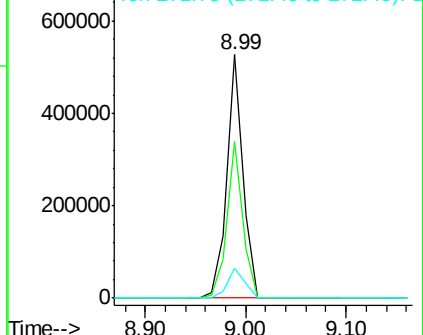
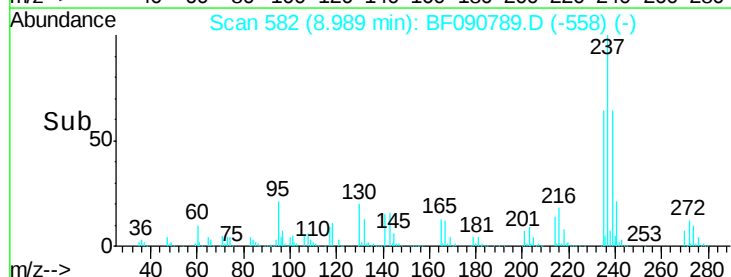
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		586100		
235	64.3		42.0	82.0	
272	12.5		0.0	36.1	

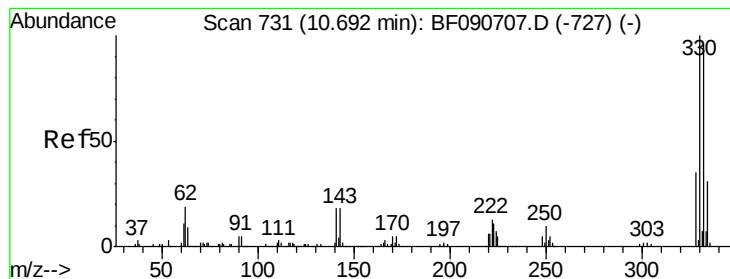


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





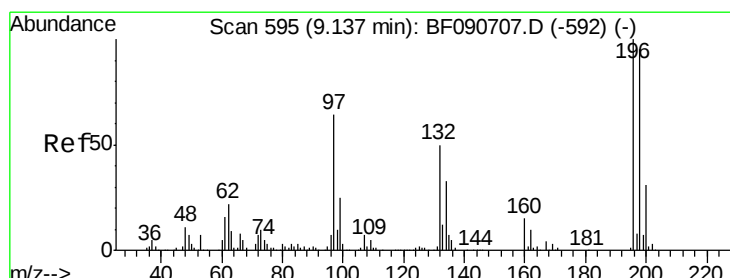
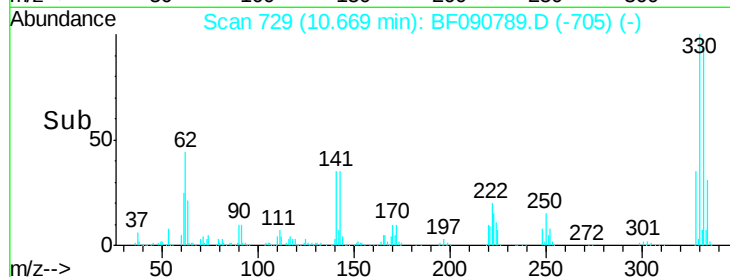
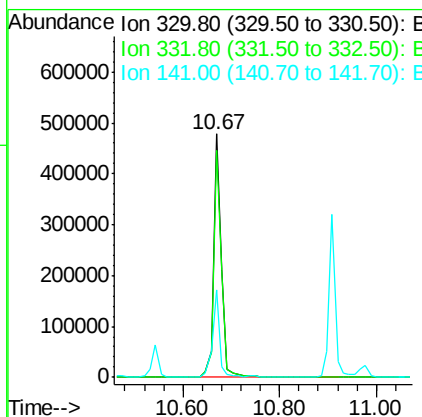
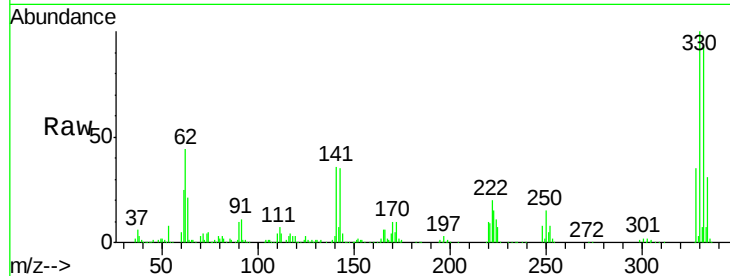
#41
 2,4,6-Tribromophenol
 Concen: 135.85 ng
 RT: 10.67 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	552454		
332	94.9	76.6	114.8	
141	32.2	29.7	44.5	

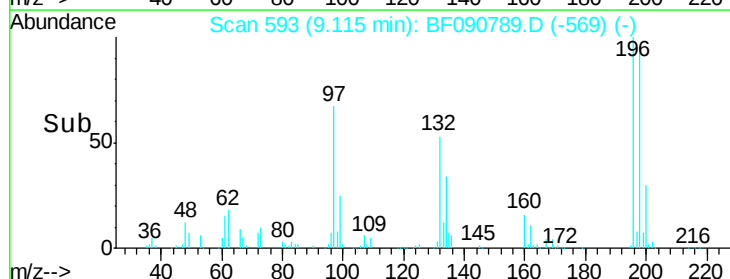
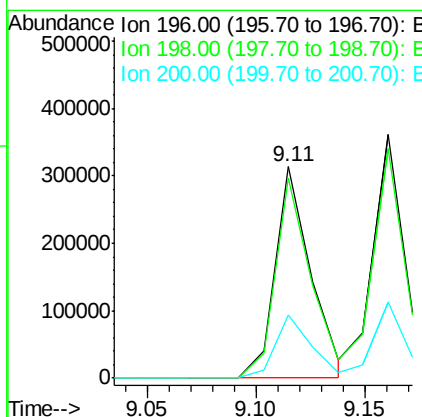
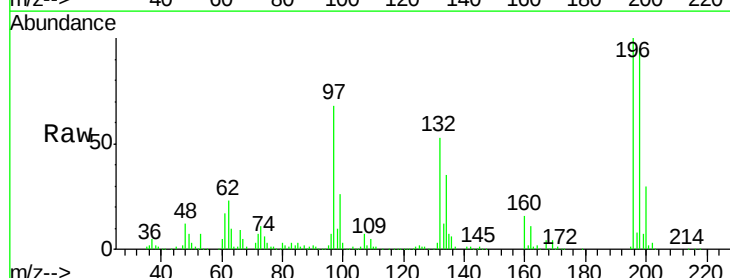
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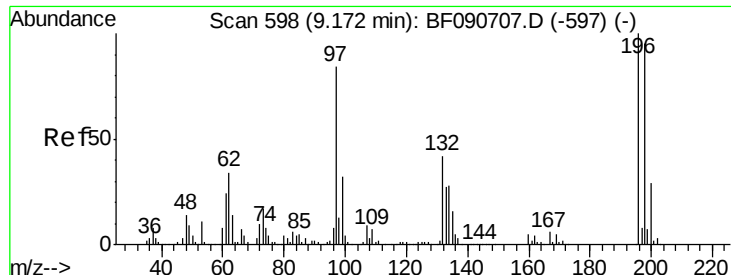
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#42
 2,4,6-Trichlorophenol
 Concen: 41.94 ng
 RT: 9.11 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	360783		
198	94.5	75.7	113.5	
200	30.1	23.9	35.9	





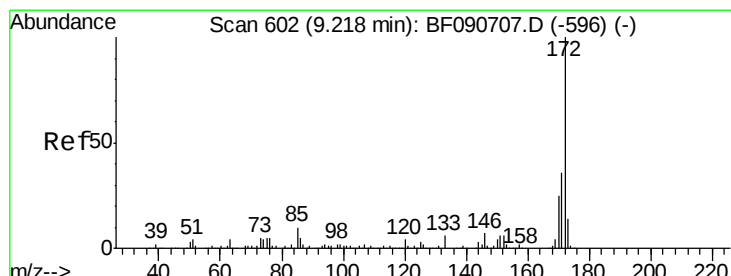
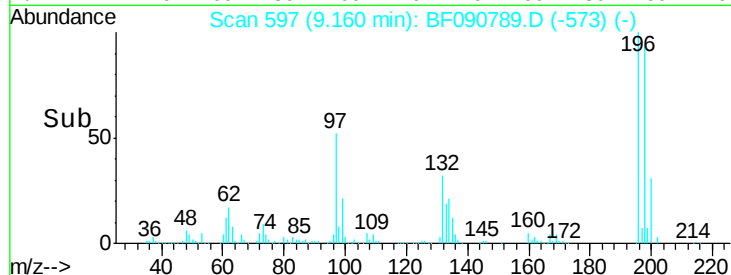
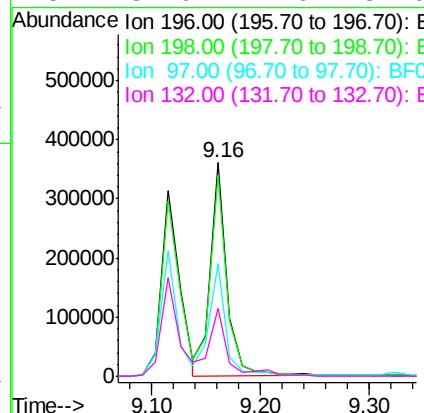
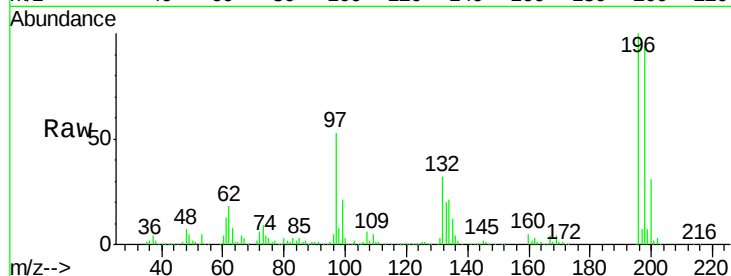
#43
 2,4,5-Trichlorophenol
 Concen: 44.24 ng
 RT: 9.16 min Scan# 597
 Delta R.T. -0.02 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		386281		
198	94.1	75.4	113.0		
97	52.7	33.3	49.9		
132	31.9	24.6	37.0		

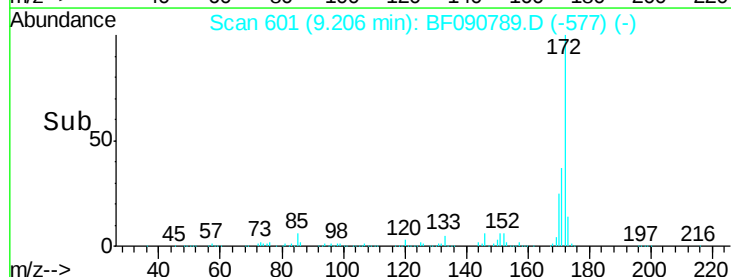
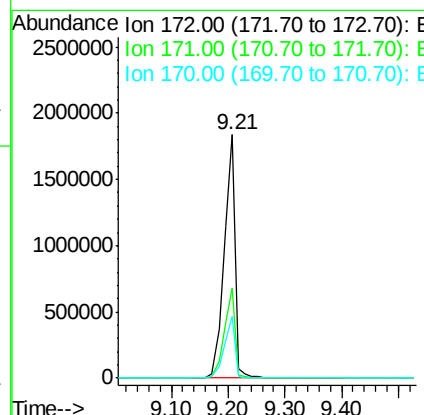
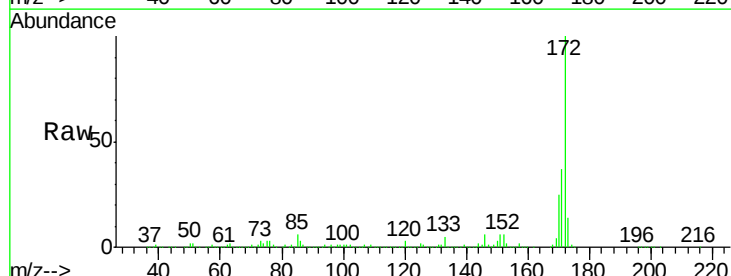
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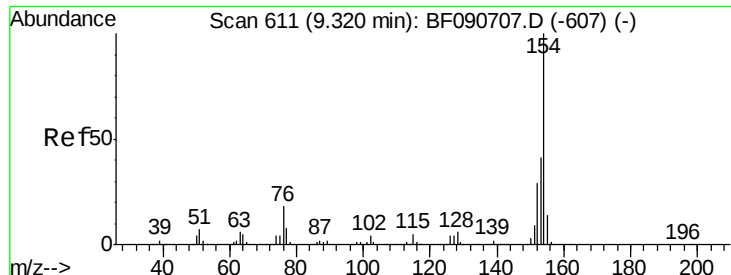
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#44
 2-Fluorobiphenyl
 Concen: 73.48 ng
 RT: 9.21 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2431921		
171	37.2	26.1	39.1		
170	25.5	17.4	26.2		





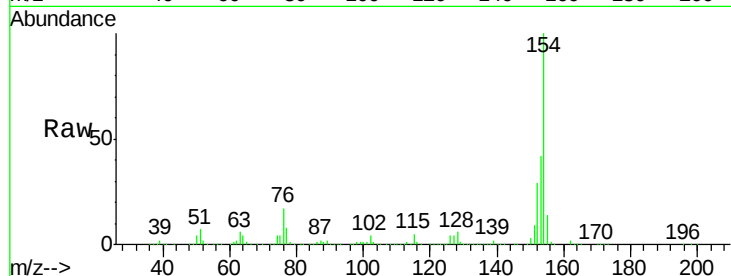
#45
 1,1'-Biphenyl
 Concen: 34.65 ng
 RT: 9.30 min Scan# 609
 Delta R.T. -0.02 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Tot Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.5	17.1	57.1	
76	16.8	0.0	31.6	

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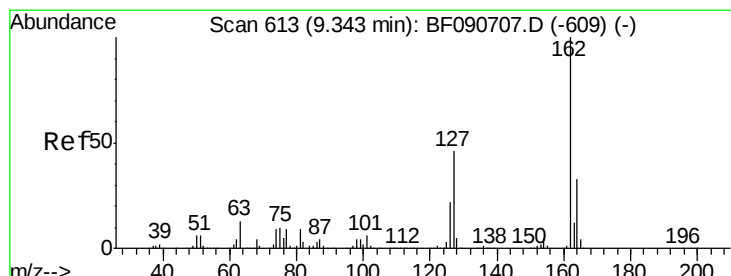
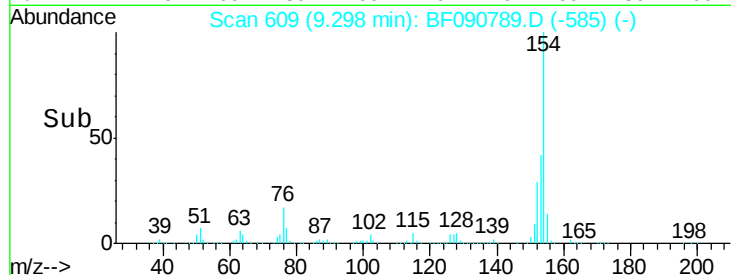
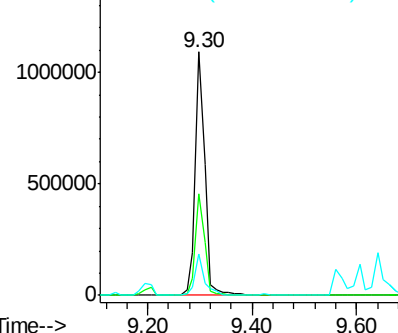


Abundance

Ion 154.00 (153.70 to 154.70): E

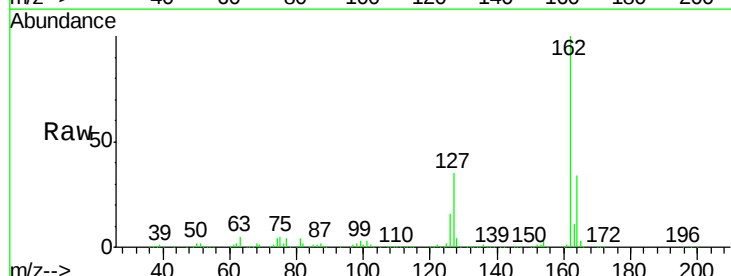
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 38.52 ng
 RT: 9.33 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Tgt Ion	Ion	Ratio	Lower	Upper
162	100			
127	34.6	27.6	41.4	
164	34.5	25.4	38.2	

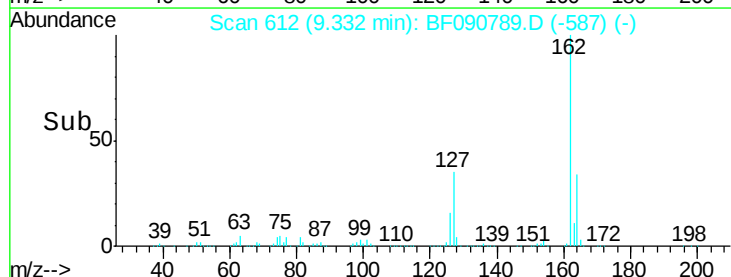
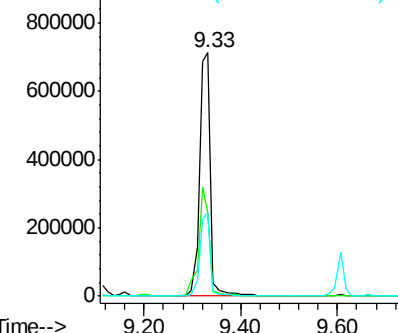


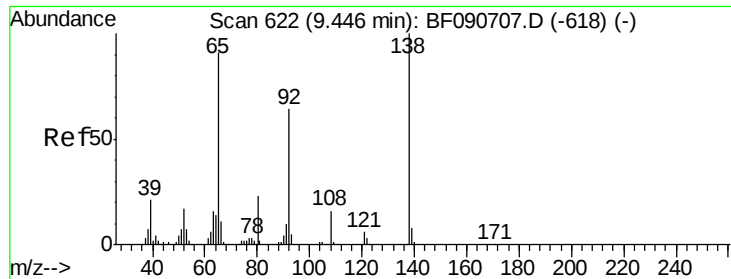
Abundance

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: 36.46 ng

RT: 9.42 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

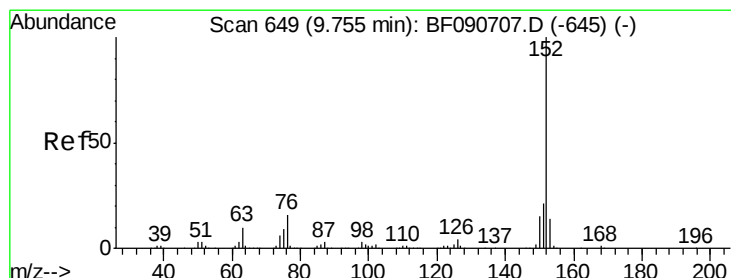
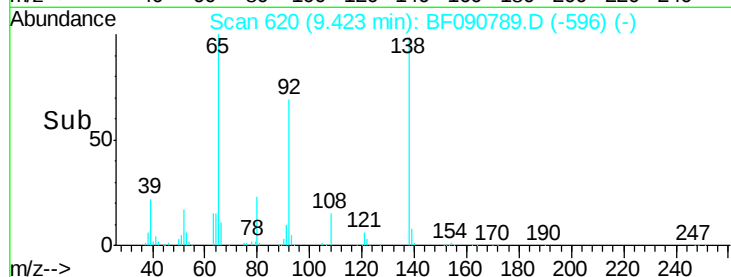
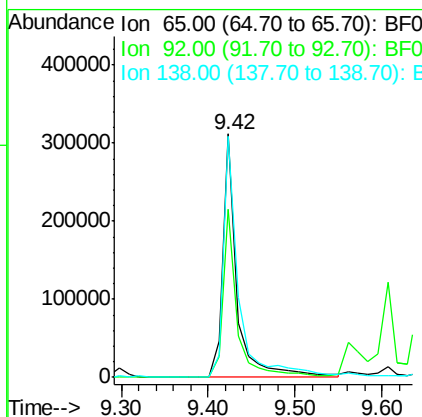
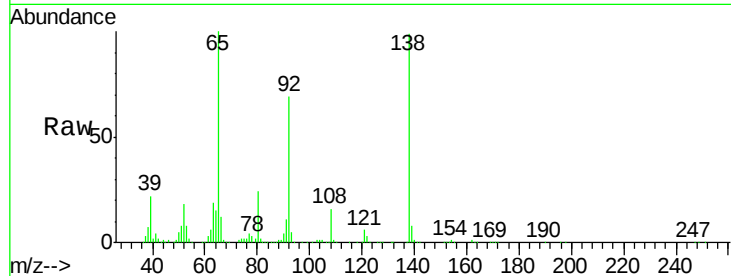
ClientSampleId :

PB94262BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.1	55.4	83.0
138	98.8	115.5	173.3

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#48

Acenaphthylene

Concen: 40.24 ng

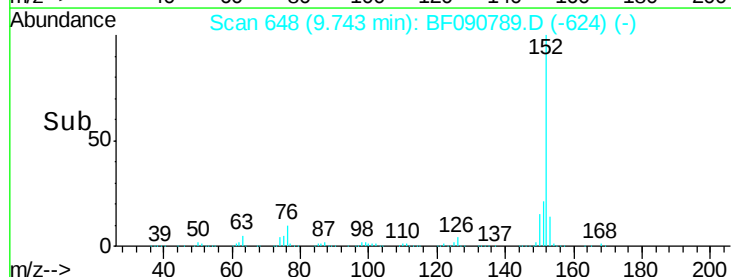
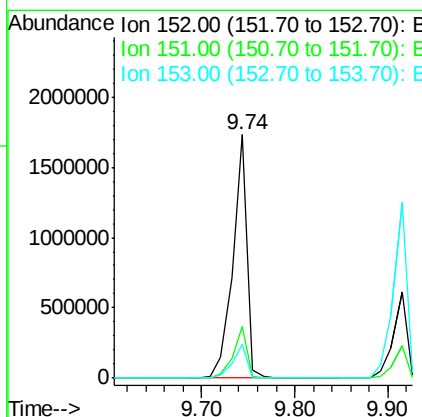
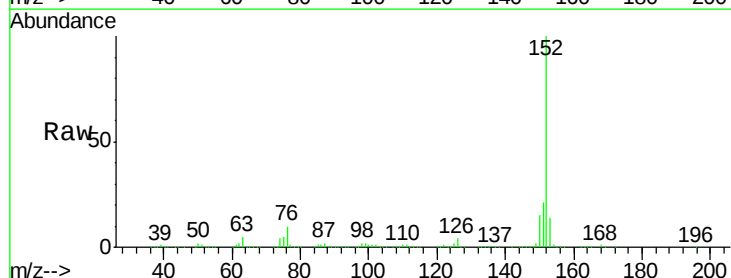
RT: 9.74 min Scan# 648

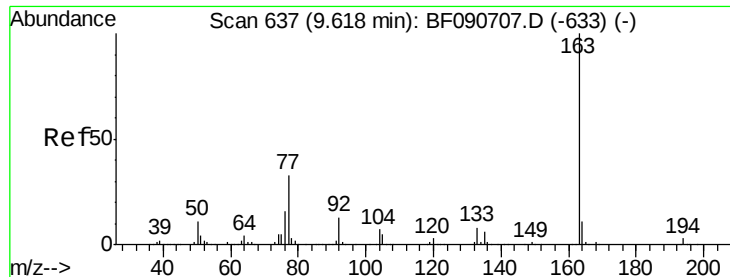
Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	14.6	22.0
153	13.7	10.3	15.5





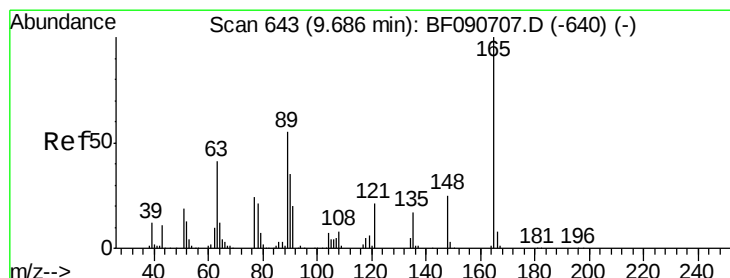
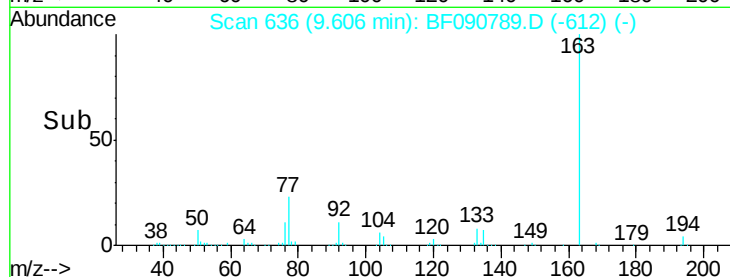
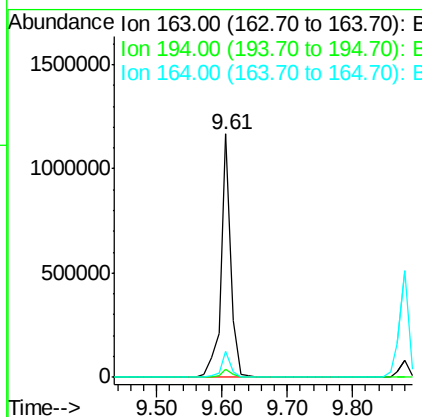
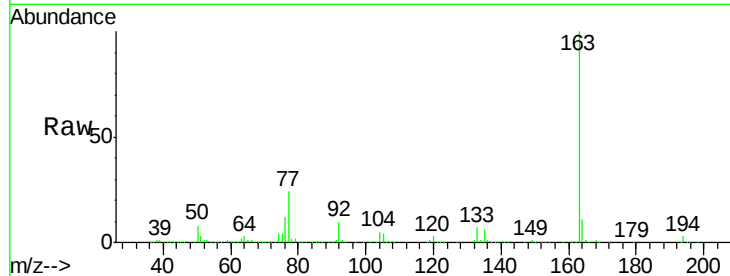
#49
Dimethylphthalate
Concen: 38.21 ng
RT: 9.61 min Scan# 636
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleID :
PB94262BS

Tot Ion:163 Resp: 1233522
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 10.9 8.3 12.5

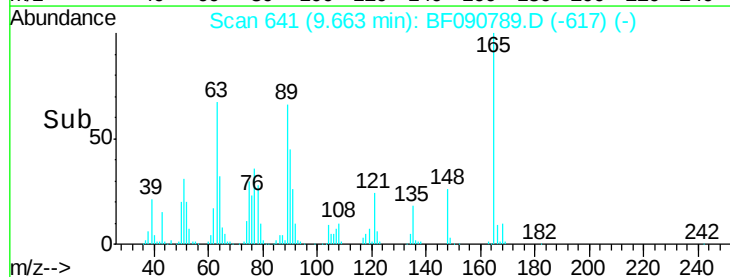
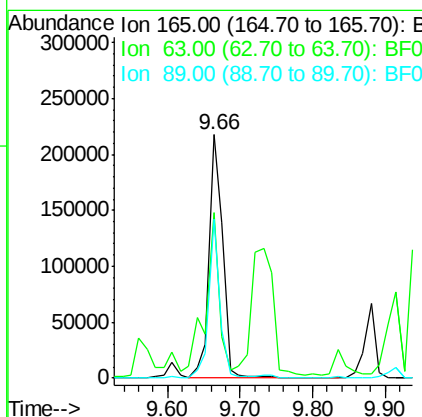
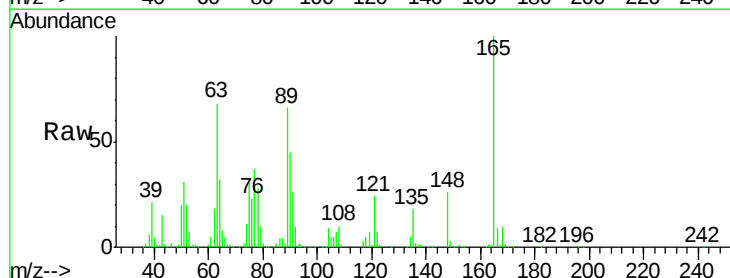
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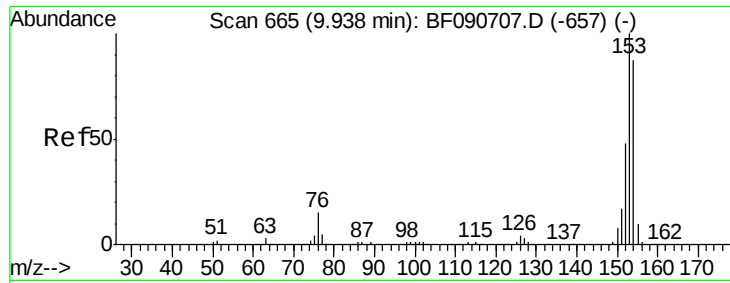
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#50
2,6-Dinitrotoluene
Concen: 40.82 ng
RT: 9.66 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion:165 Resp: 283372
Ion Ratio Lower Upper
165 100
63 67.9 32.3 48.5#
89 65.6 28.6 43.0#





#51

Acenaphthene

Concen: 38.14 ng

RT: 9.91 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

Tot Ion:154 Resp: 1158697

Ion Ratio Lower Upper

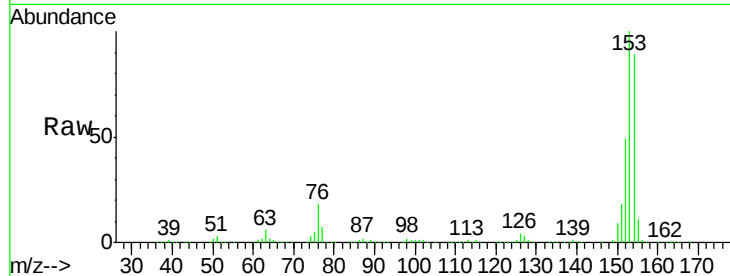
154 100

153 112.9 82.1 123.1

152 55.2 37.9 56.9

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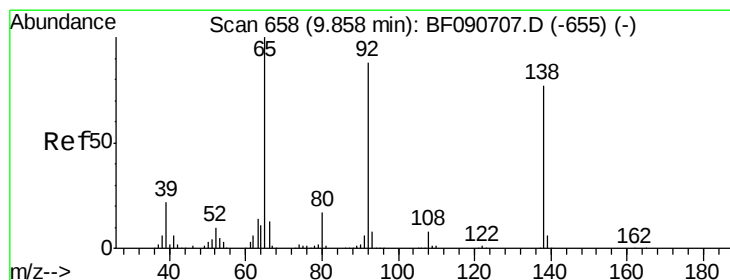
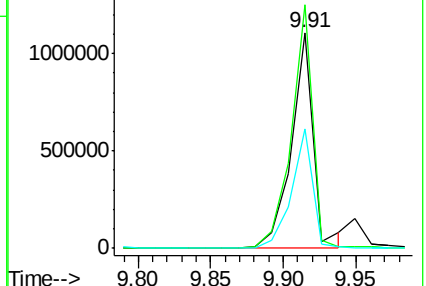
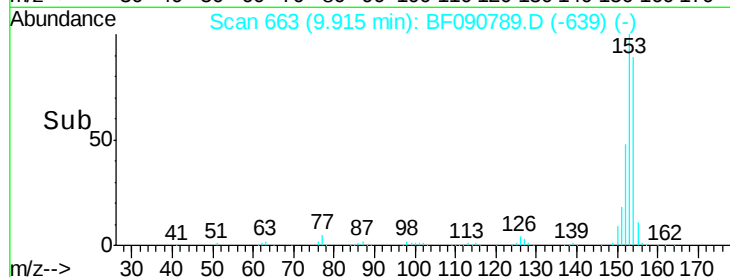
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.77 ng

RT: 9.83 min Scan# 656

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

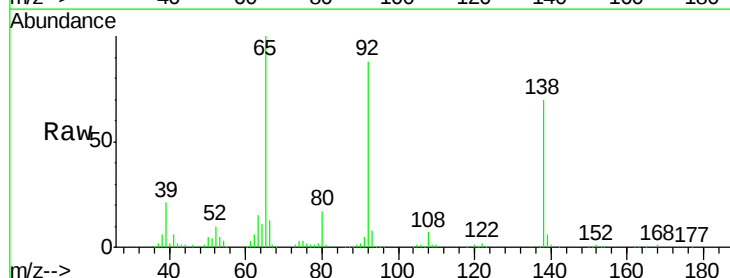
Tgt Ion:138 Resp: 181714

Ion Ratio Lower Upper

138 100

108 10.3 5.7 8.5#

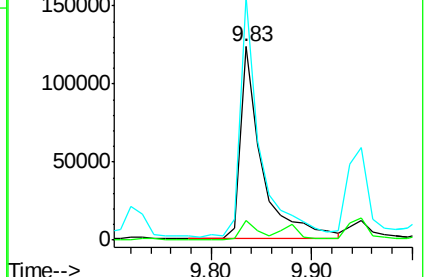
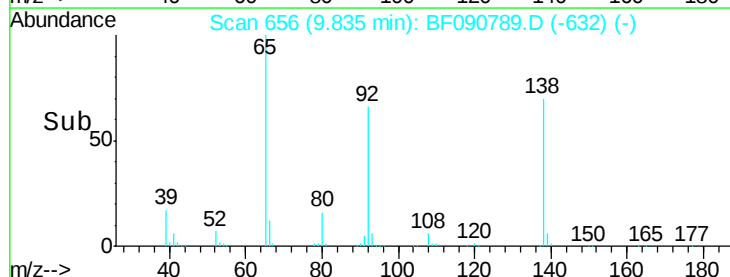
92 125.9 67.7 101.5#

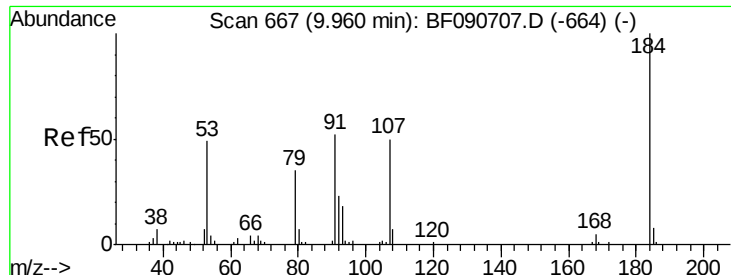


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





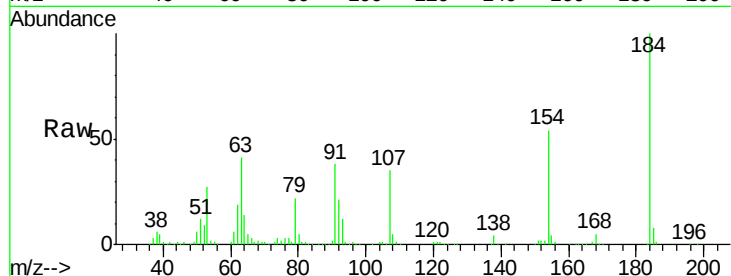
#53
2,4-Dinitrophenol
Concen: 85.83 ng
RT: 9.95 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampled :
PB94262BS

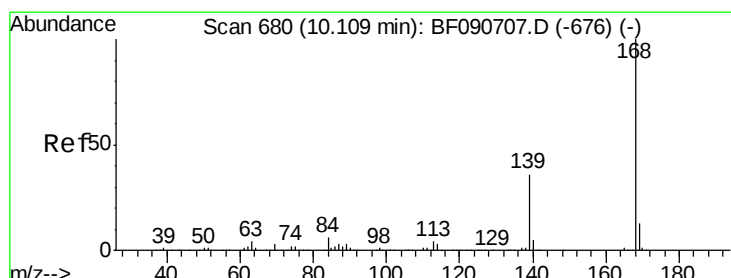
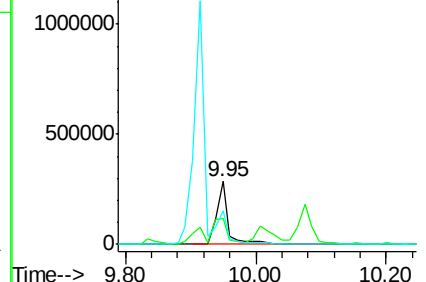
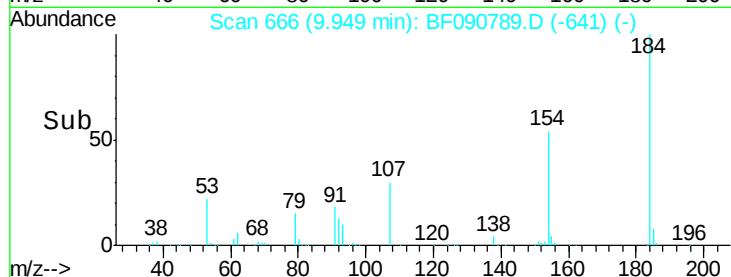
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	40.8	35.4	53.2	
154	54.1	32.2	48.4	

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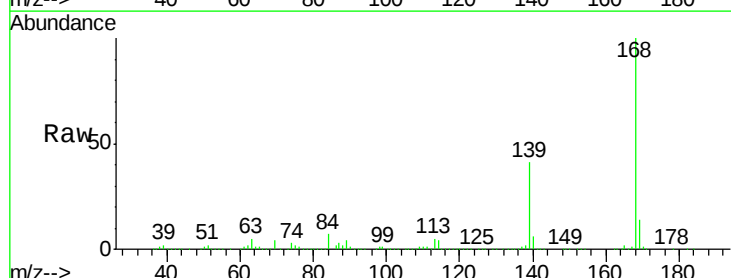


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

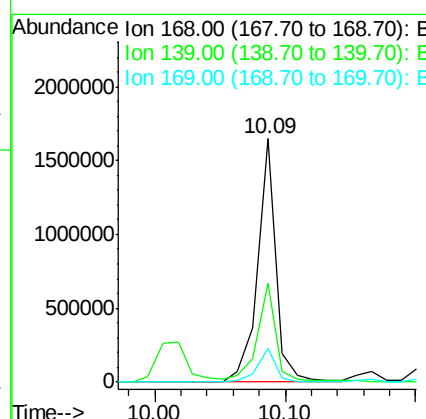
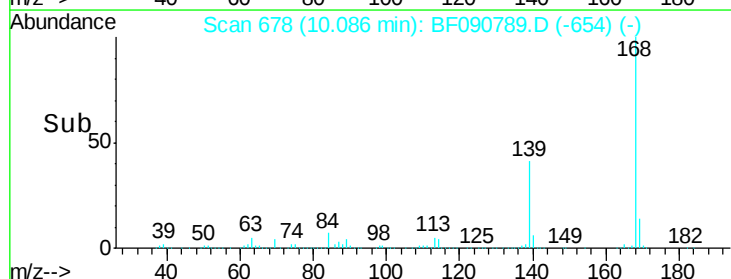


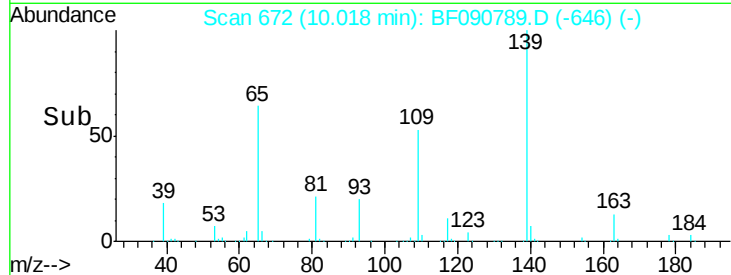
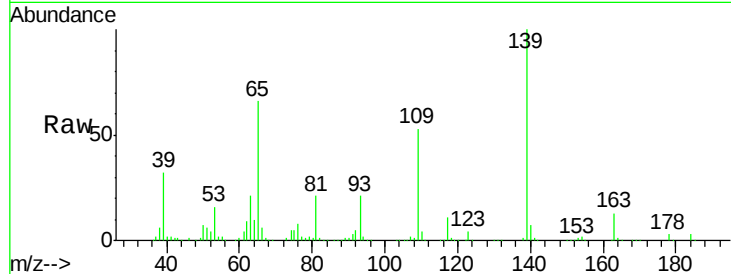
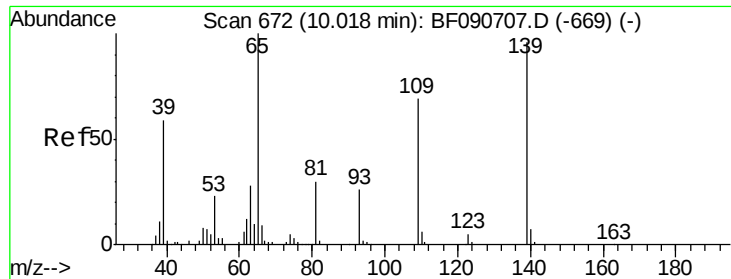
#54
Dibenzofuran
Concen: 43.90 ng
RT: 10.09 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.7	24.2	36.2	
169	14.1	10.6	15.8	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





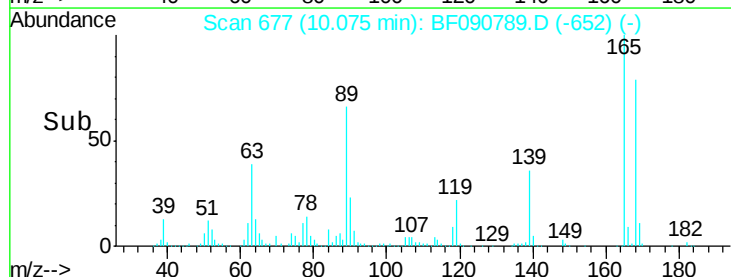
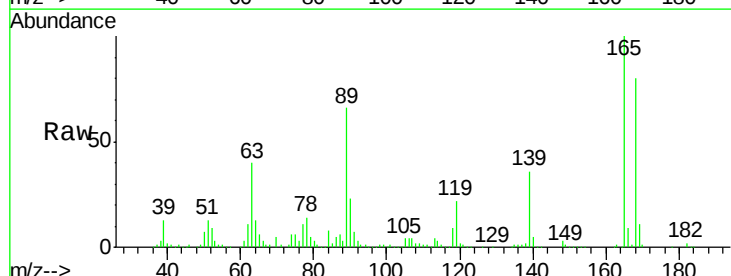
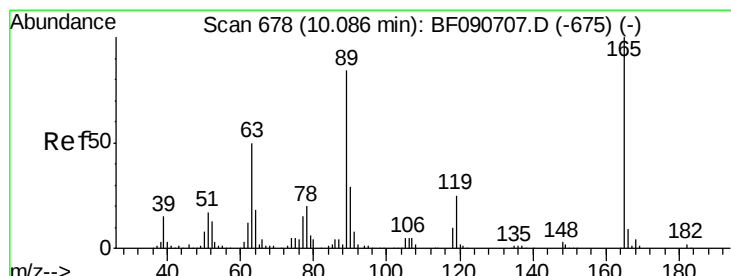
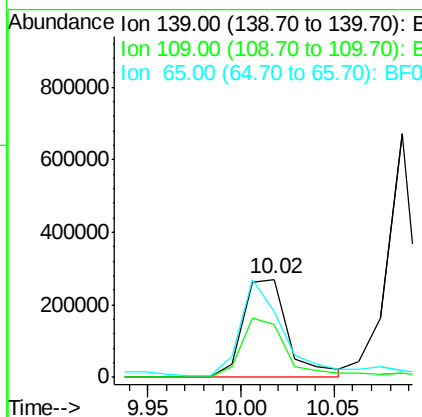
#55
4-Nitrophenol
Concen: 93.51 ng
RT: 10.02 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tot Ion	Ratio	Resp	Lower	Upper
139	100	463748		
109	53.2	12.7	52.7#	
65	66.4	45.9	85.9	

Instrument :
BNA_F
ClientSampleId :
PB94262BS

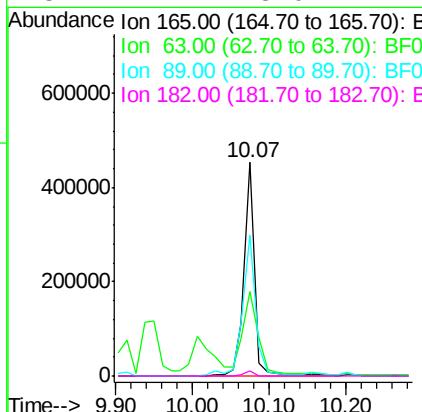
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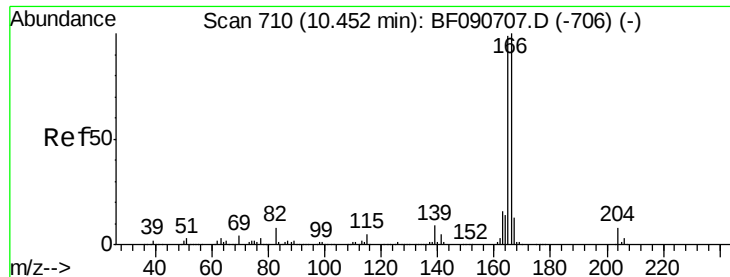
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#56
2,4-Dinitrotoluene
Concen: 51.78 ng
RT: 10.07 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	439357		
63	39.8	29.8	44.6	
89	66.2	44.5	66.7	
182	2.2	3.0	4.4#	





#57

Fluorene

Concen: 42.04 ng

RT: 10.43 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

Tot Ion:166 Resp: 1282116

Ion Ratio Lower Upper

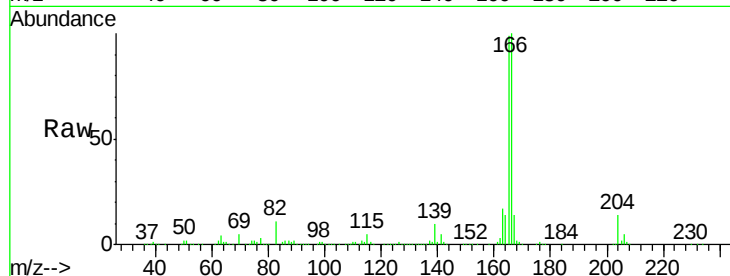
166 100

165 99.0 72.6 109.0

167 14.1 10.6 16.0

Manual Integrations
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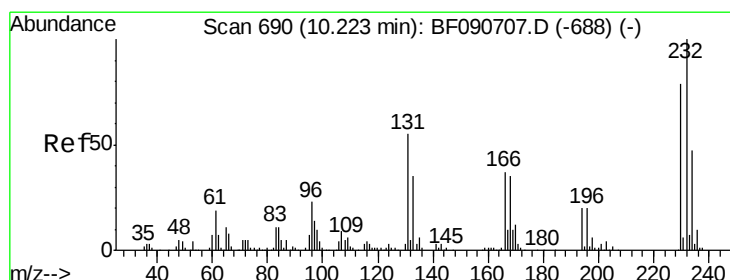
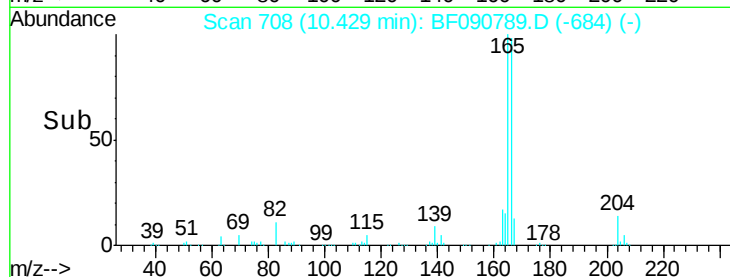
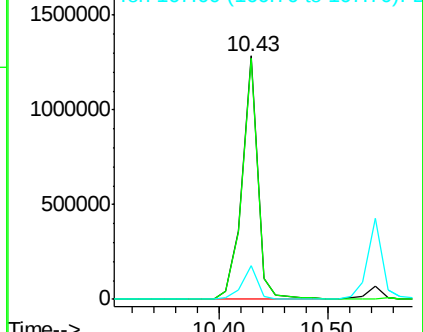
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.68 ng

RT: 10.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Tgt Ion:232 Resp: 319802

Ion Ratio Lower Upper

232 100

131 49.8 38.5 57.7

130 2.4 1.8 2.6

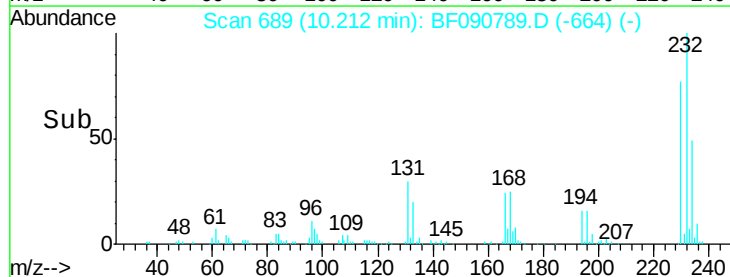
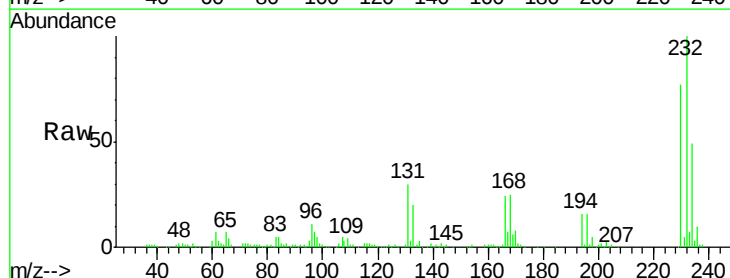
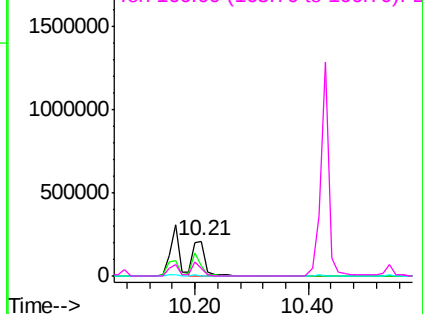
166 31.9 25.0 37.6

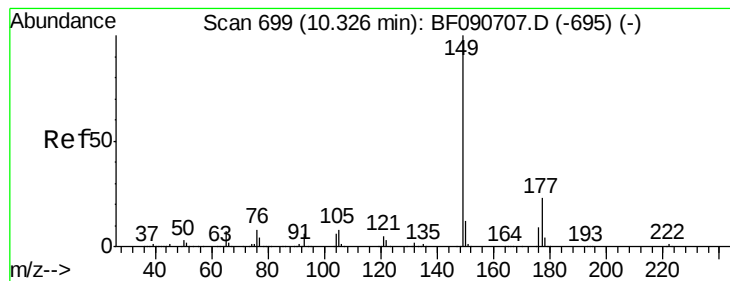
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.45 ng

RT: 10.30 min Scan# 697

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

Tot Ion:149 Resp: 1320981

Ion Ratio Lower Upper

149 100

177 20.4 17.5 26.3

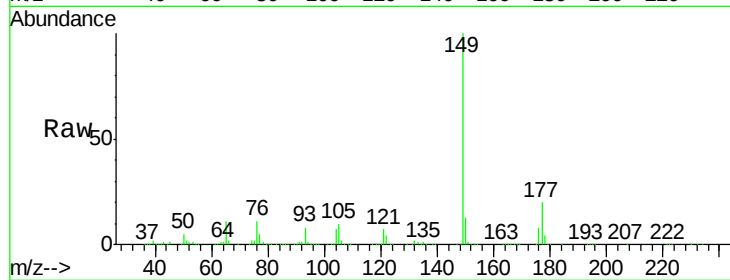
150 13.0 9.4 14.2

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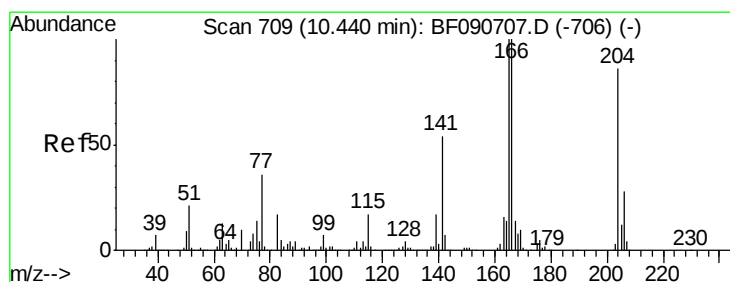
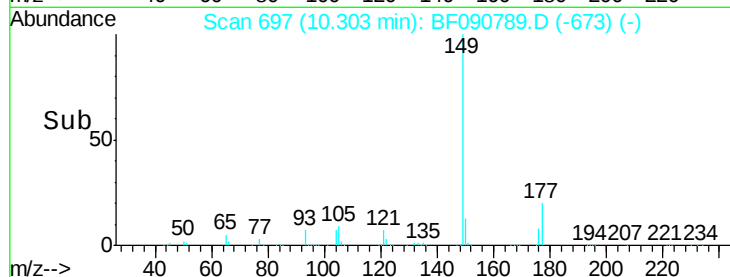
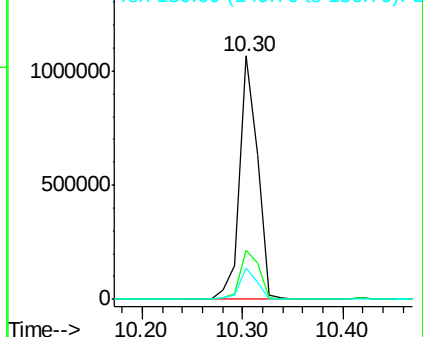
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.70 ng

RT: 10.42 min Scan# 707

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

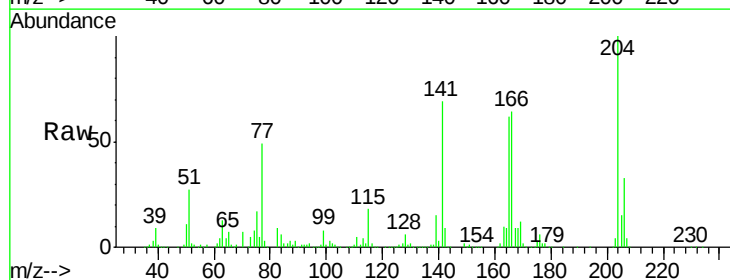
Tgt Ion:204 Resp: 581169

Ion Ratio Lower Upper

204 100

206 33.5 24.8 37.2

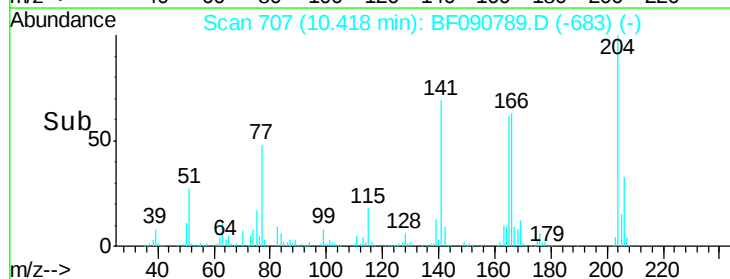
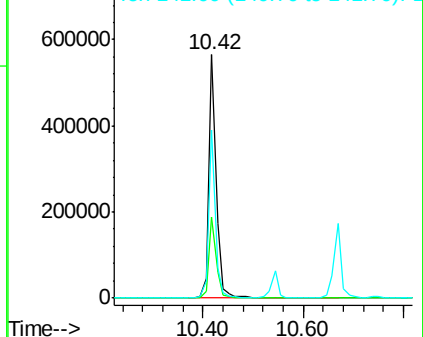
141 69.1 42.2 63.4#

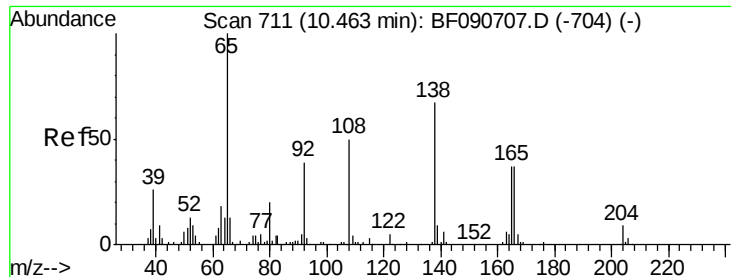


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





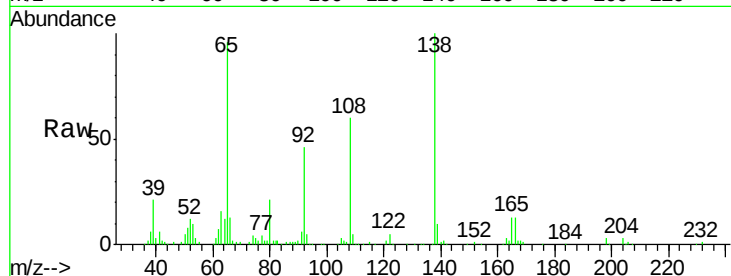
#61
4-Nitroaniline
Concen: 39.40 ng
RT: 10.46 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB94262BS

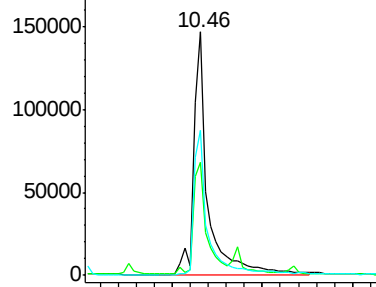
Tot Ion	Ratio	Resp	Lower	Upper
138	100	318451		
92	46.4		12.6	52.6
108	59.8		12.4	52.4

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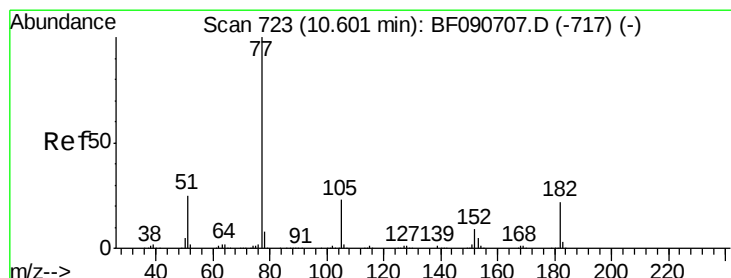
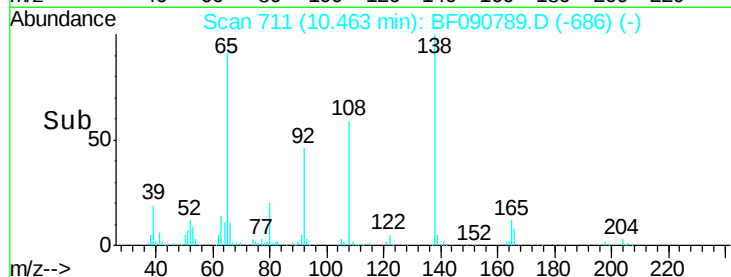
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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



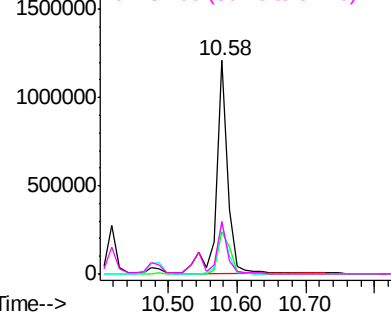
Time-->



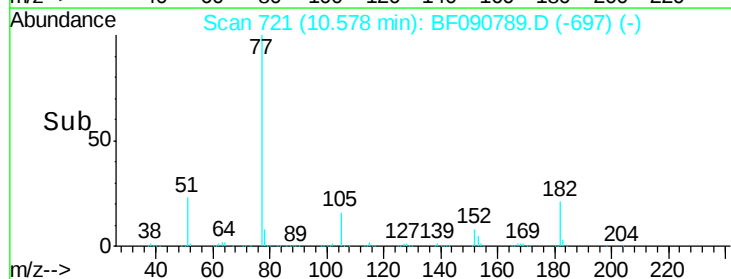
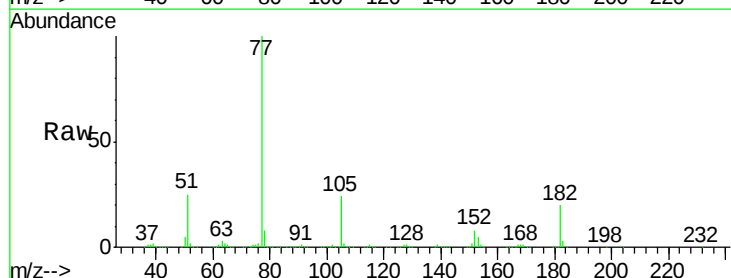
#62
Azobenzene
Concen: 35.96 ng
RT: 10.58 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

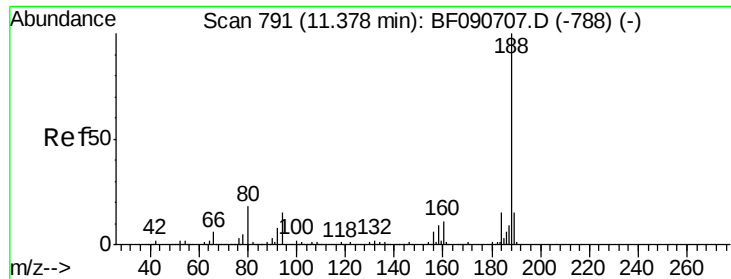
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1409995		
182	19.7		15.1	55.1
105	24.0		3.4	43.4
51	24.5		12.0	52.0

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0



Time-->





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

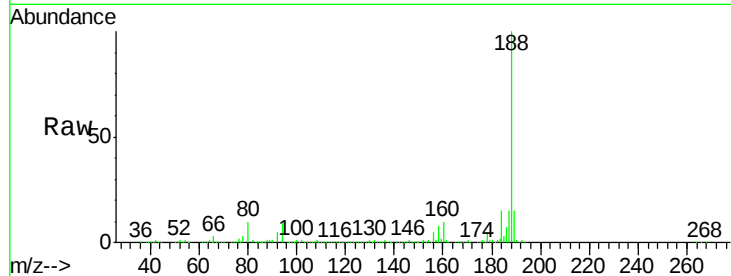
ClientSampleId :

PB94262BS

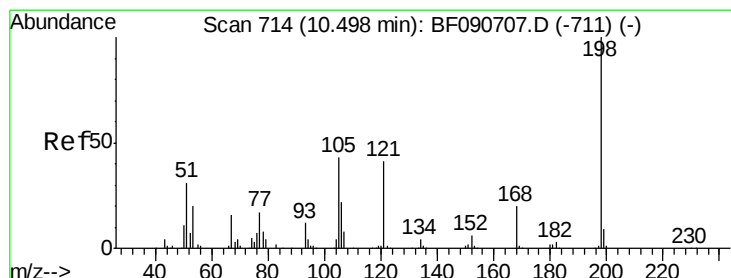
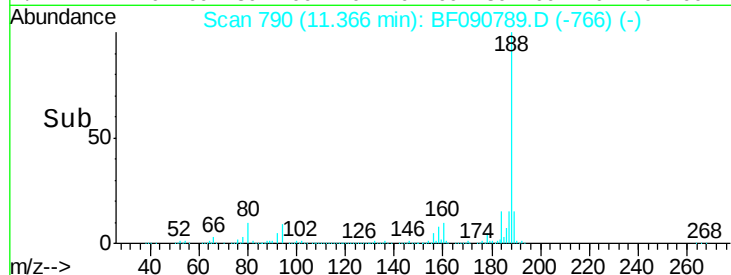
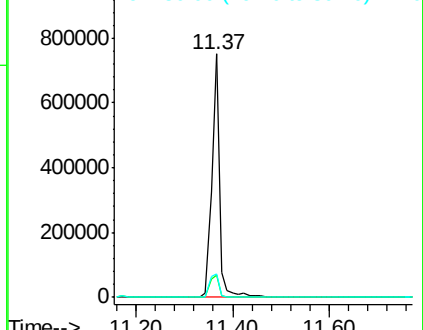
Tot Ion:	188	Resp:	858429
Ion Ratio	Lower	Upper	
188	100		
94	9.1	11.1	16.7#
80	9.7	11.0	16.4#

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 41.65 ng

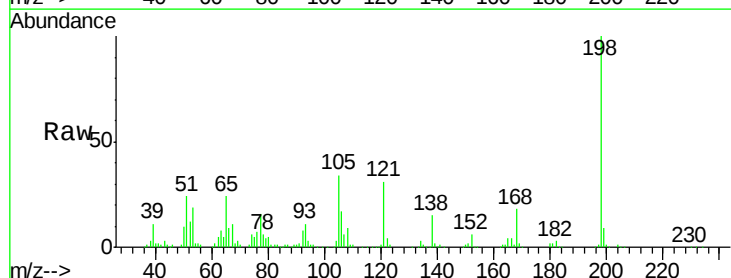
RT: 10.49 min Scan# 713

Delta R.T. -0.01 min

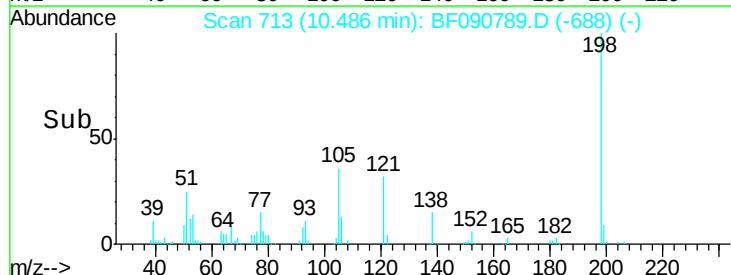
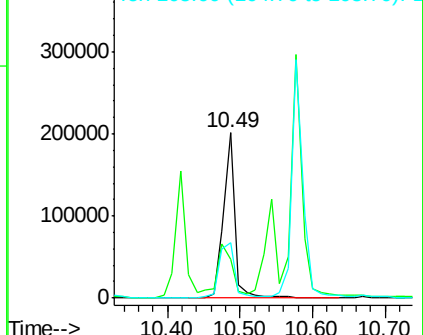
Lab File: BF090789.D

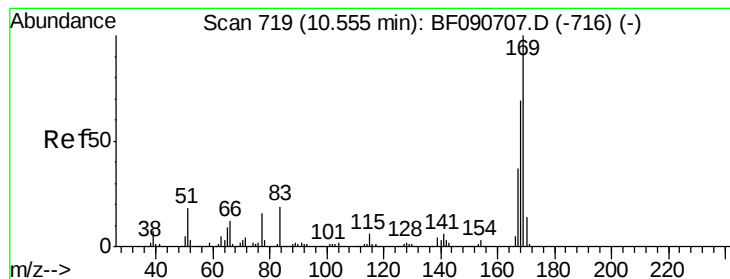
Acq: 24 Oct 2016 15:38

Tgt Ion:	198	Resp:	224923
Ion Ratio	Lower	Upper	
198	100		
51	23.5	39.6	79.6#
105	33.6	28.5	68.5



Abundance Ion 198.00 (197.70 to 198.70): E





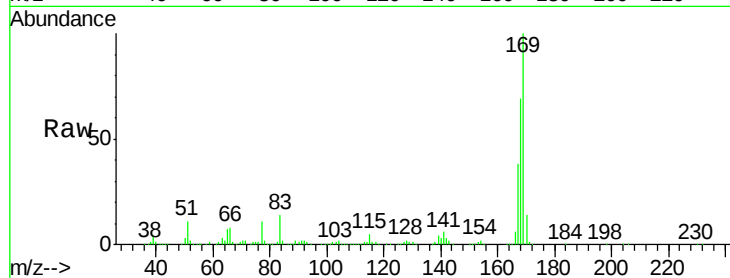
#65
n-Nitrosodiphenylamine
Concen: 40.49 ng
RT: 10.54 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB94262BS

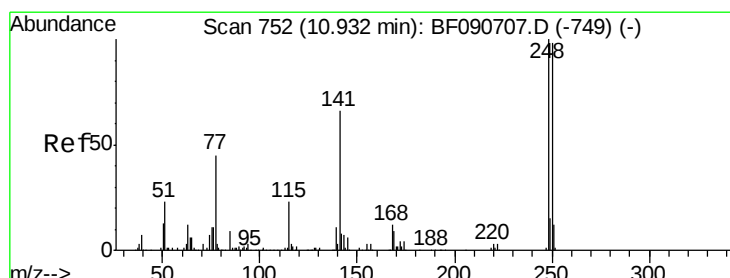
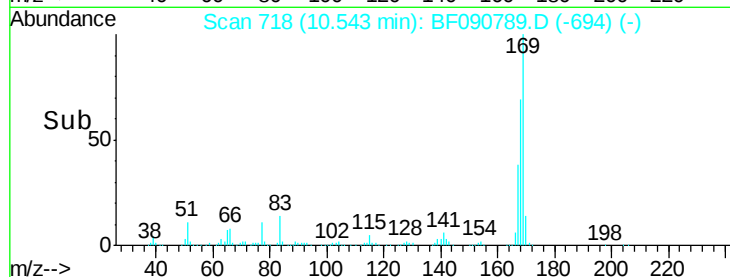
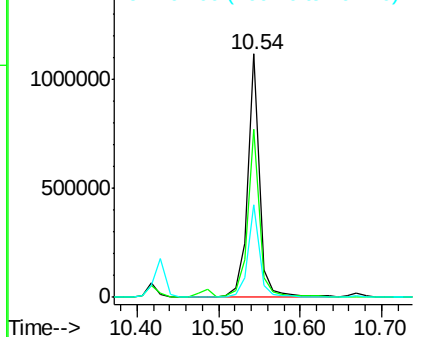
Tot Ion	Ratio	Lower	Upper
169	100		
168	69.1	48.9	73.3
167	38.3	26.2	39.4

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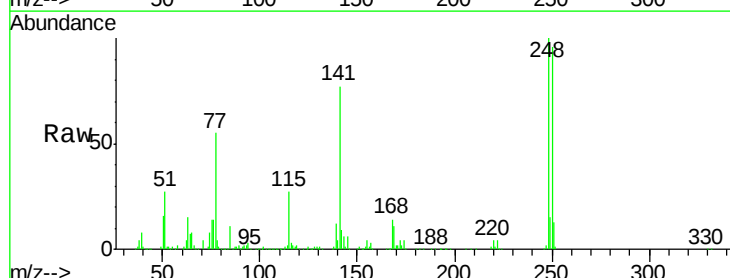


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

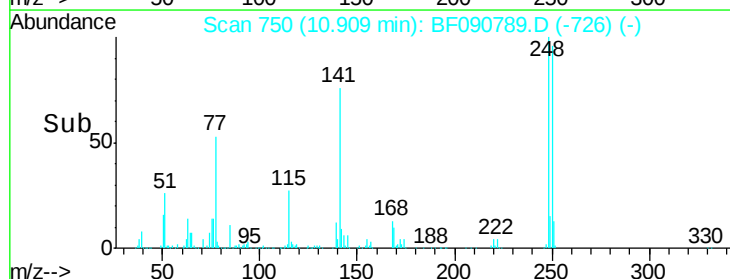
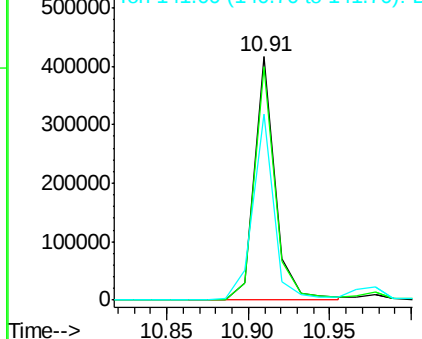


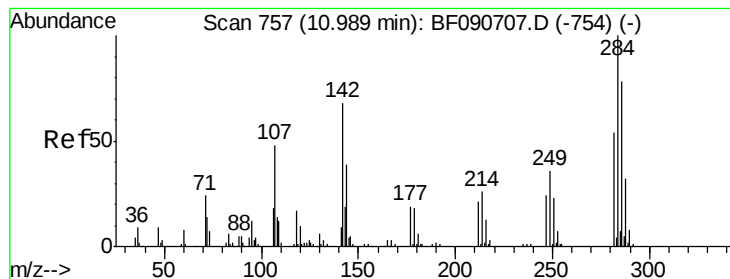
#66
4-Bromophenyl-phenylether
Concen: 44.65 ng
RT: 10.91 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	78.5	117.7
141	76.7	59.0	88.6



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





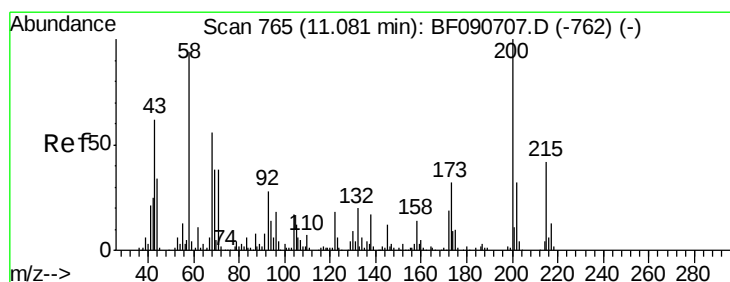
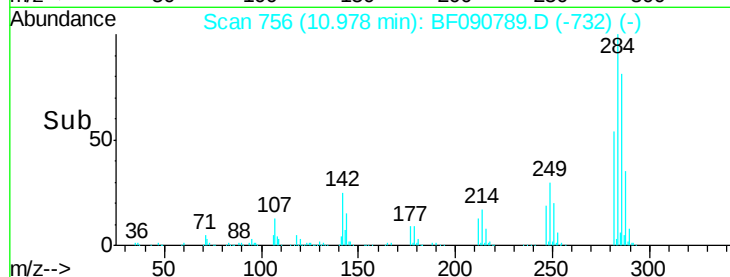
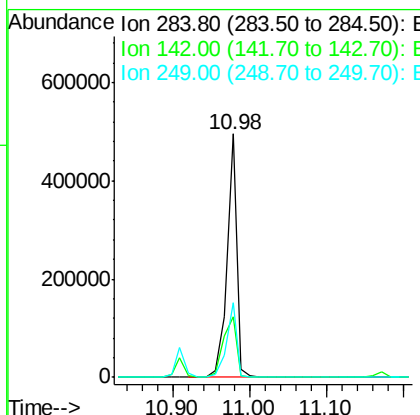
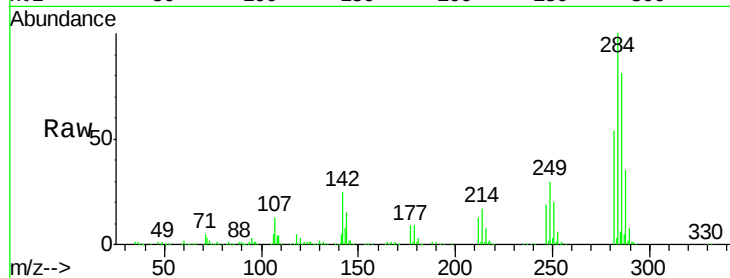
#67
Hexachlorobenzene
Concen: 46.03 ng
RT: 10.98 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	25.1	29.5	44.3#
249	30.5	19.5	29.3#

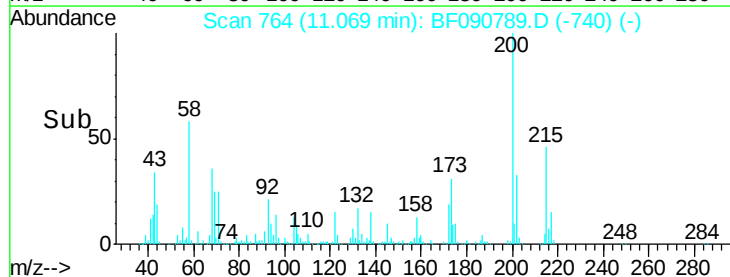
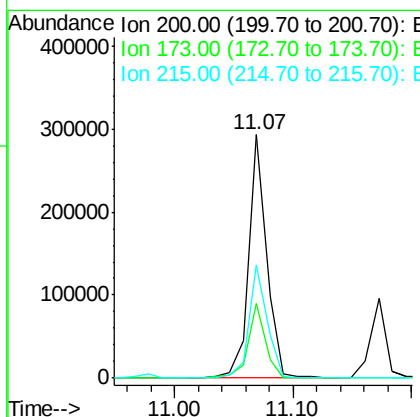
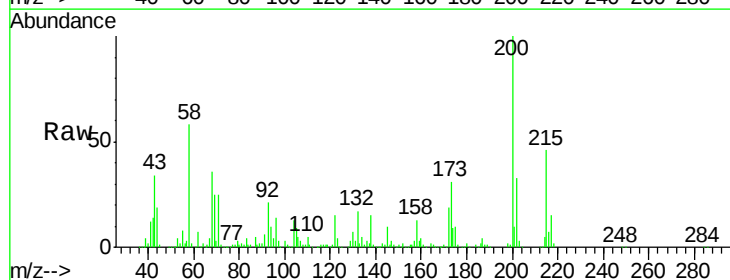
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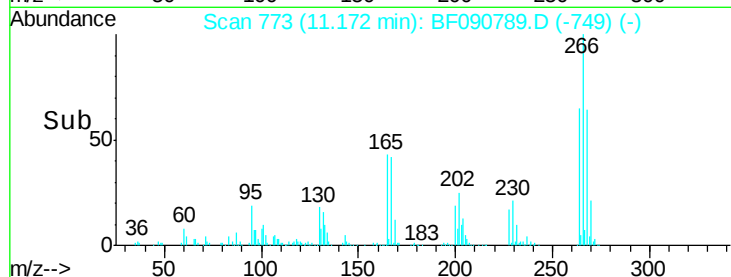
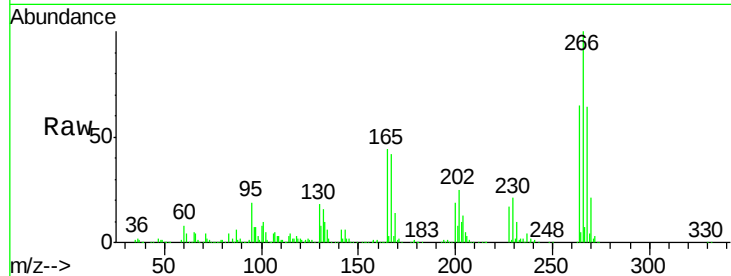
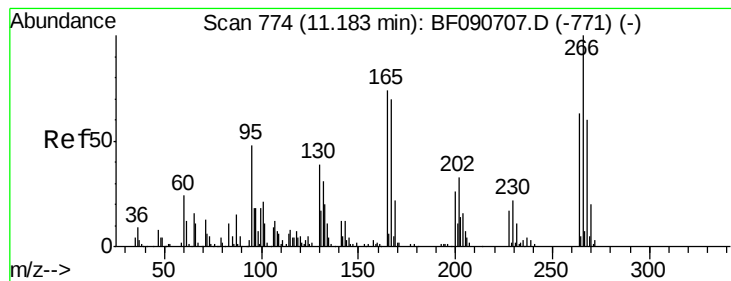
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#68
Atrazine
Concen: 40.94 ng
RT: 11.07 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	30.7	13.2	53.2
215	46.3	41.8	81.8





#69

Pentachlorophenol

Concen: 76.66 ng

RT: 11.17 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Tot Ion:	266	Resp:	467548
Ion Ratio	Lower	Upper	
266	100		
268	64.2	49.8	74.6
264	64.6	50.2	75.2

Instrument :

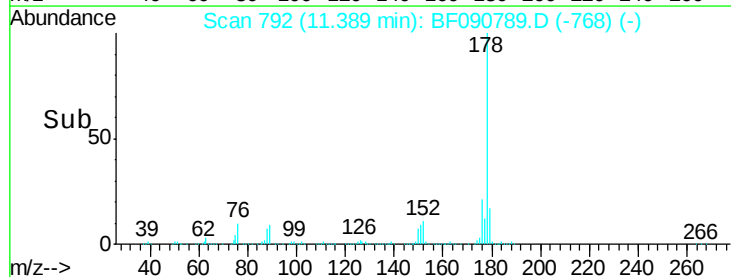
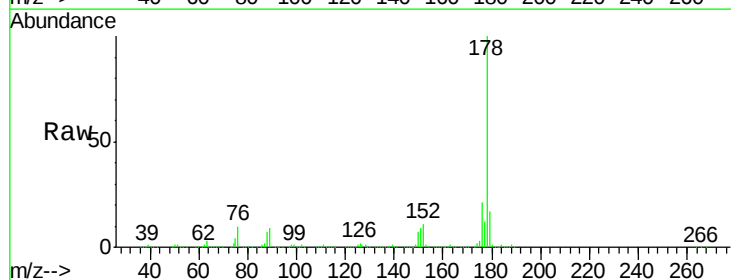
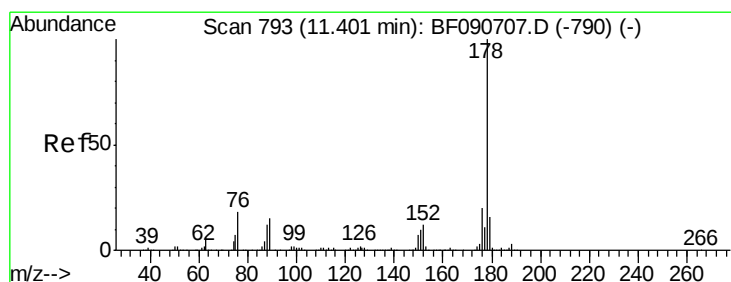
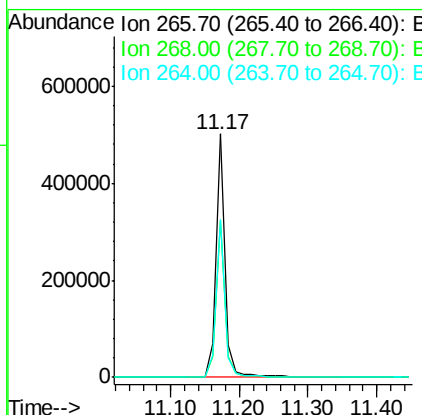
BNA_F

ClientSampleId :

PB94262BS

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#70

Phenanthrene

Concen: 40.10 ng m

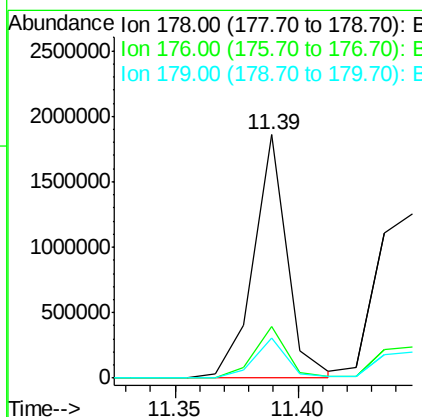
RT: 11.39 min Scan# 792

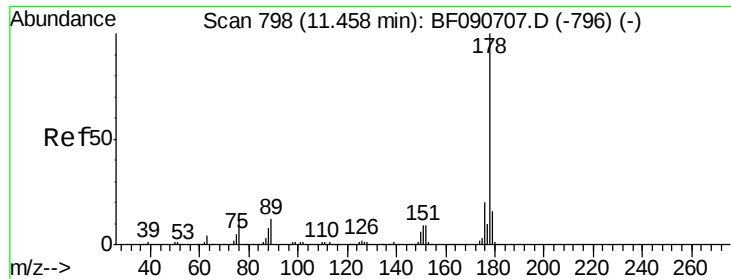
Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Tgt Ion:	178	Resp:	1754693
Ion Ratio	Lower	Upper	
178	100		
176	21.4	13.8	20.8#
179	16.6	12.2	18.2





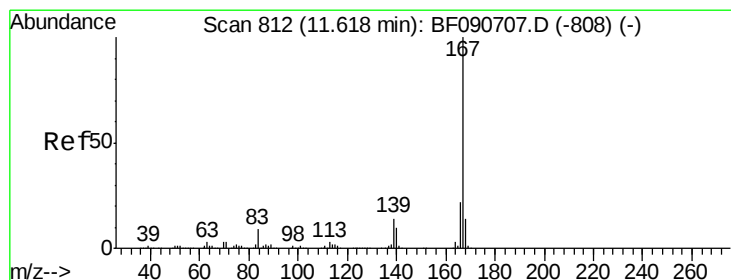
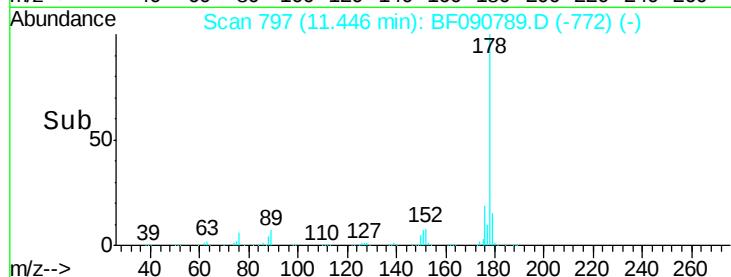
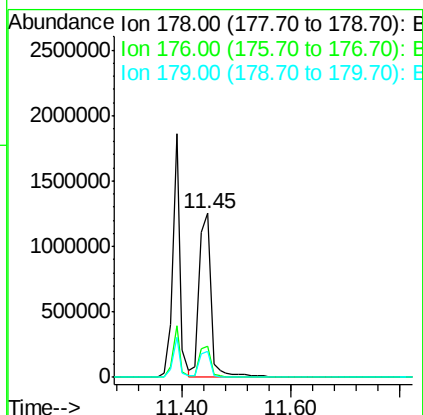
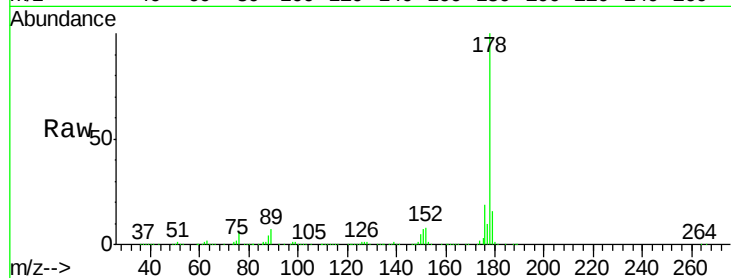
#71
 Anthracene
 Concen: 38.88 ng
 RT: 11.45 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Tot Ion:178 Resp: 1886803
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.1 21.1
 179 15.5 12.2 18.2

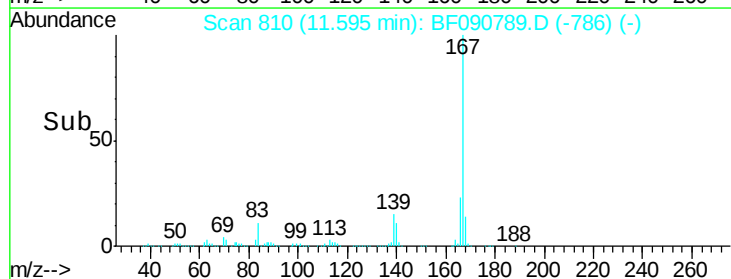
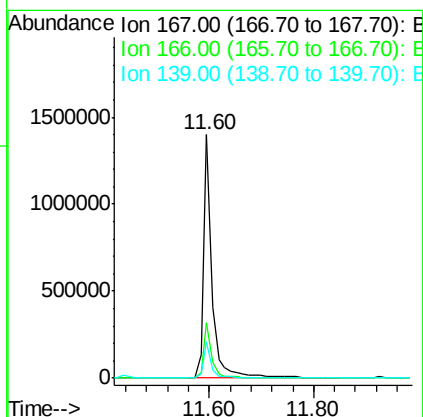
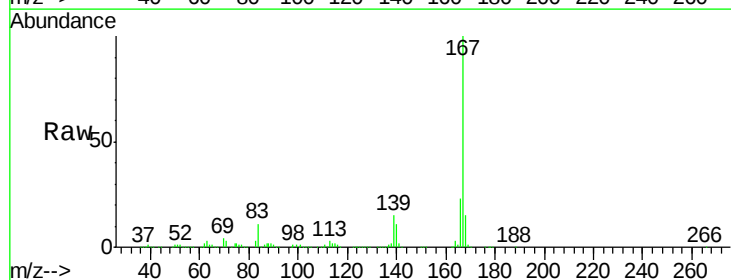
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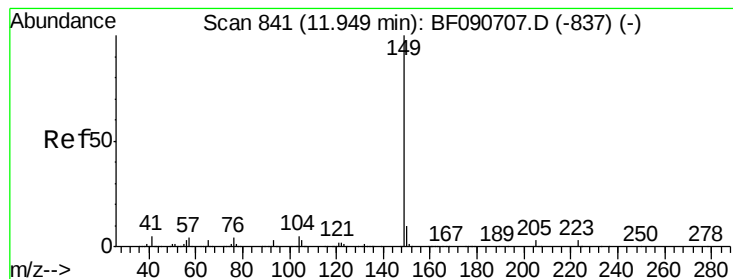
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#72
 Carbazole
 Concen: 39.74 ng
 RT: 11.60 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Tgt Ion:167 Resp: 1612425
 Ion Ratio Lower Upper
 167 100
 166 22.8 15.7 23.5
 139 14.9 9.5 14.3#





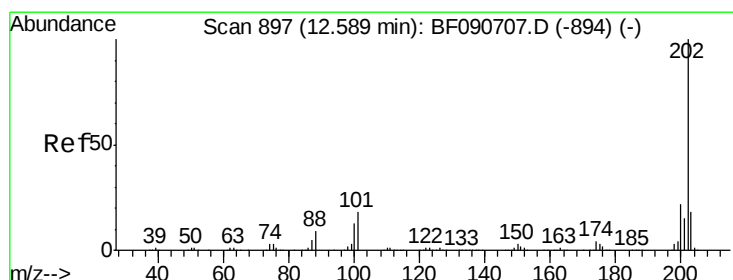
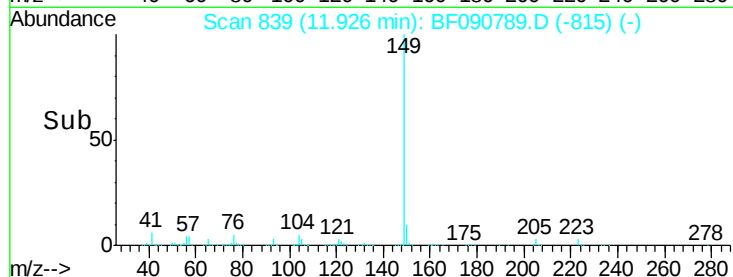
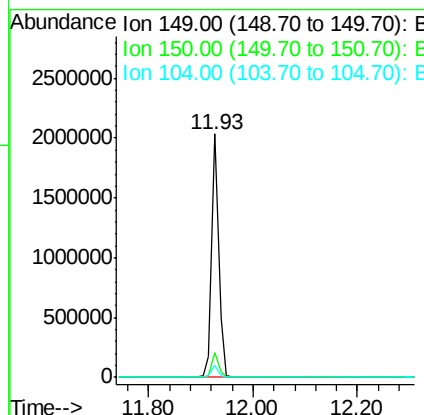
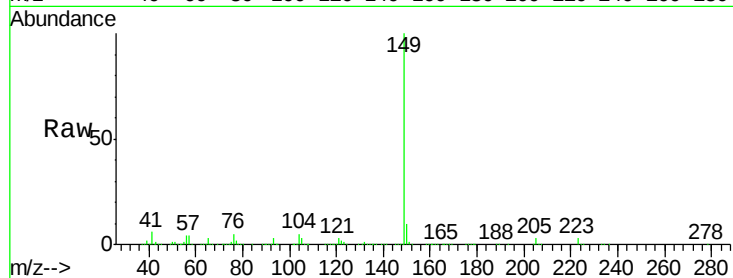
#73
Di-n-butylphthalate
Concen: 36.03 ng
RT: 11.93 min Scan# 839
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion:149 Resp: 1895943
Ion Ratio Lower Upper
149 100
150 10.2 7.4 11.2
104 5.1 2.4 3.6#

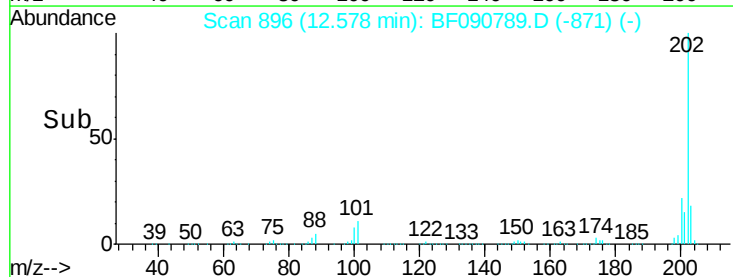
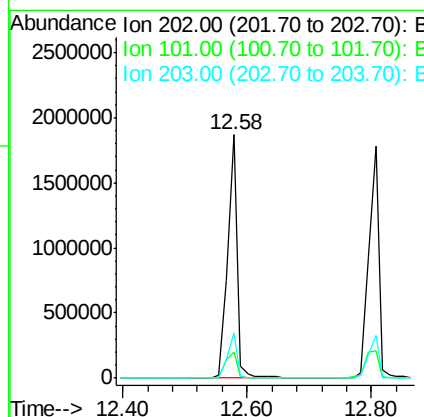
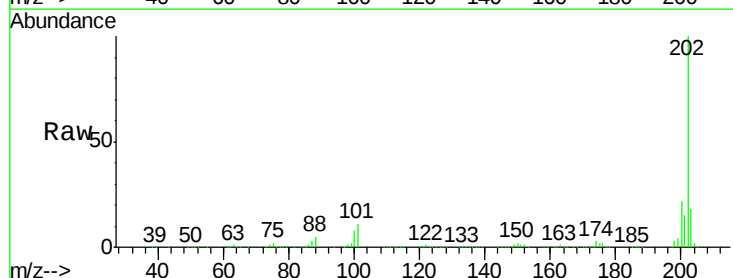
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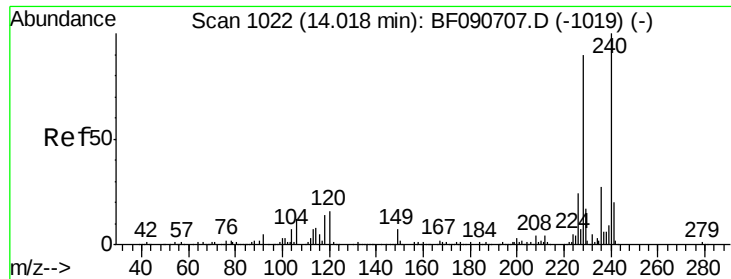
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#74
Fluoranthene
Concen: 46.21 ng
RT: 12.58 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion:202 Resp: 1955934
Ion Ratio Lower Upper
202 100
101 10.6 0.0 38.3
203 18.5 0.0 37.3





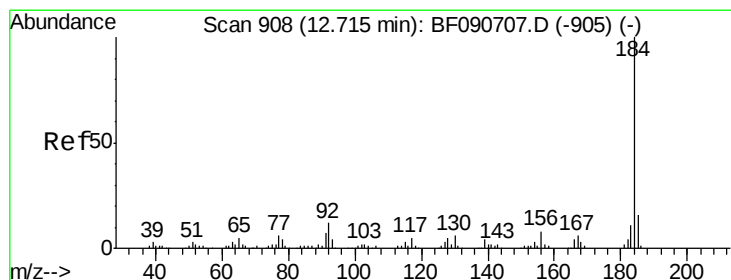
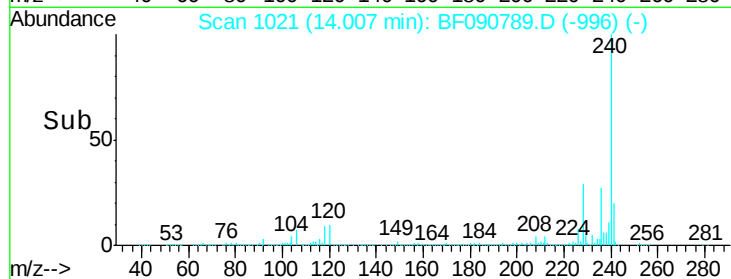
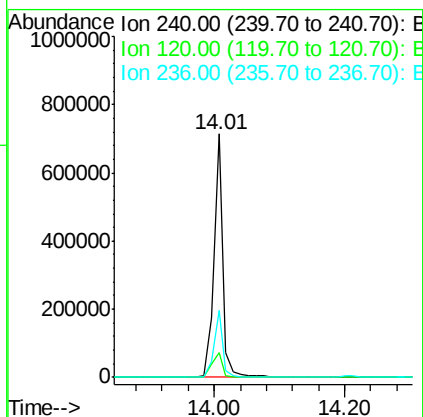
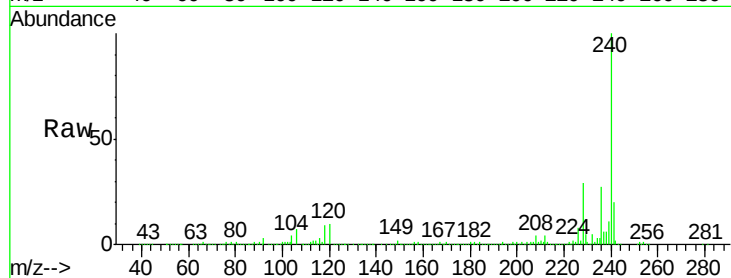
#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	16.2	24.2#
236	27.3	18.4	27.6

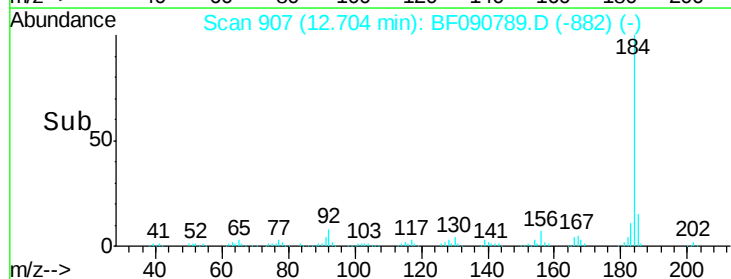
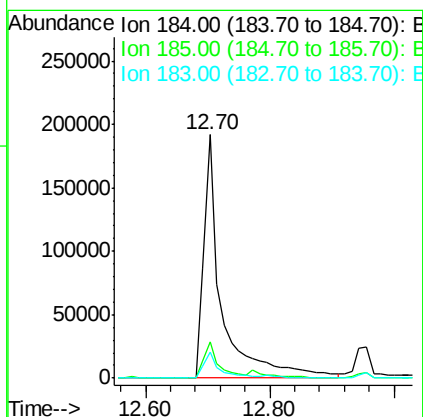
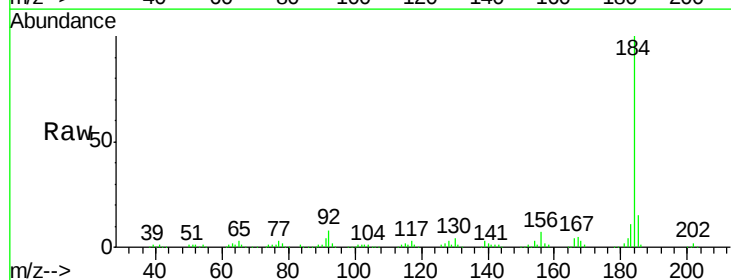
Manual Integrations
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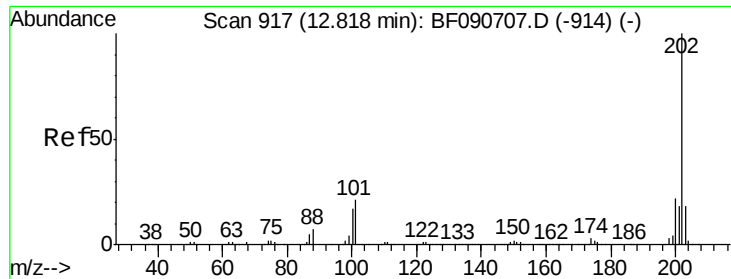
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#76
 Benzidine
 Concen: 24.68 ng
 RT: 12.70 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.8	17.6
183	10.9	7.6	11.4





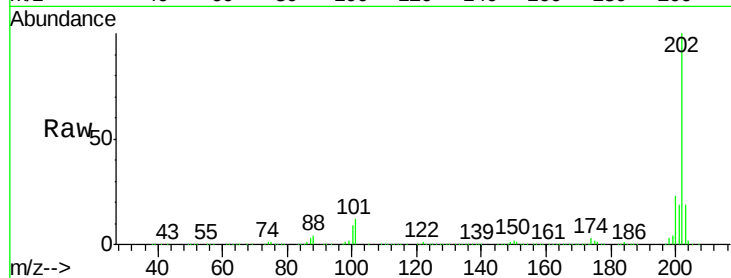
#77
Pvrene
Concen: 39.80 ng/mL
RT: 12.81 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.1	15.0	22.4#
203	18.5	14.1	21.1

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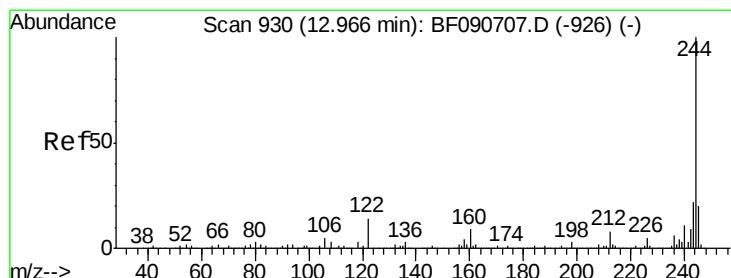
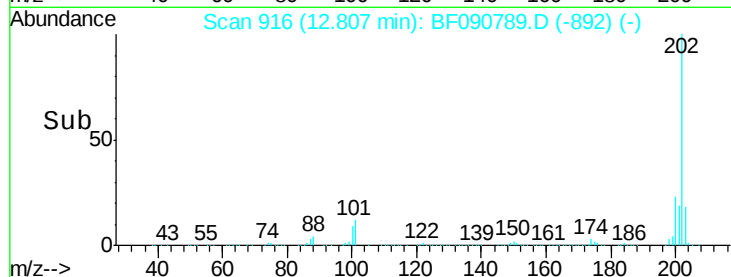
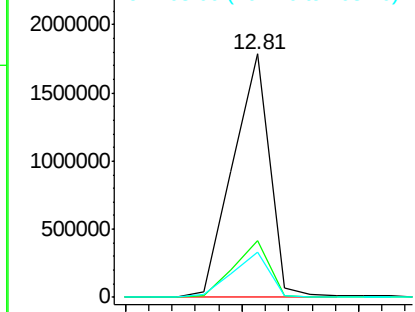


Abundance

Ion 202.00 (201.70 to 202.70): E

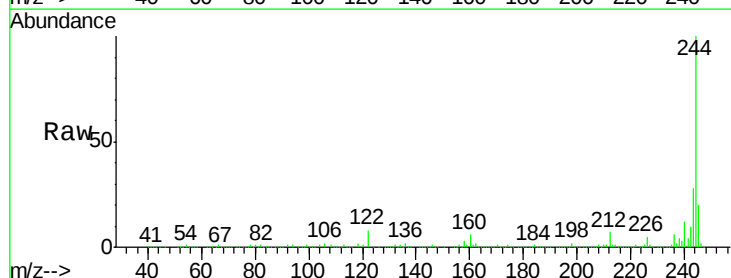
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 79.91 ng/mL
RT: 12.96 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.3	6.5#
122	7.7	17.4	26.2#

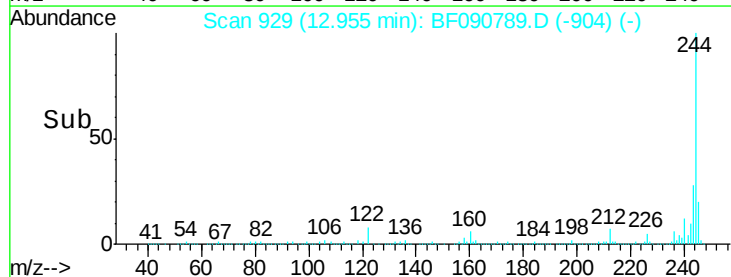
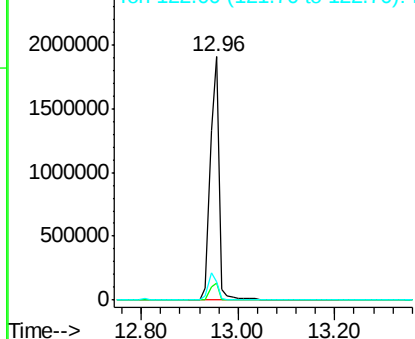


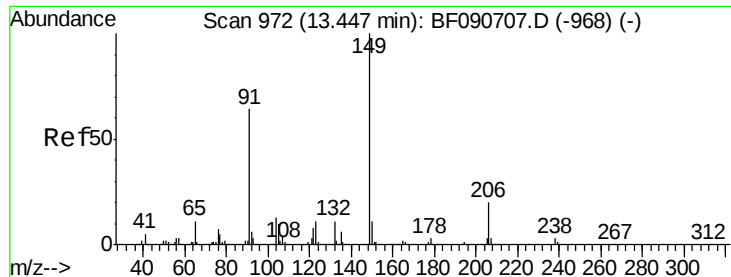
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





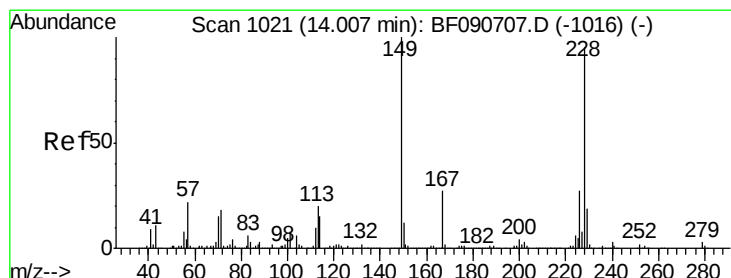
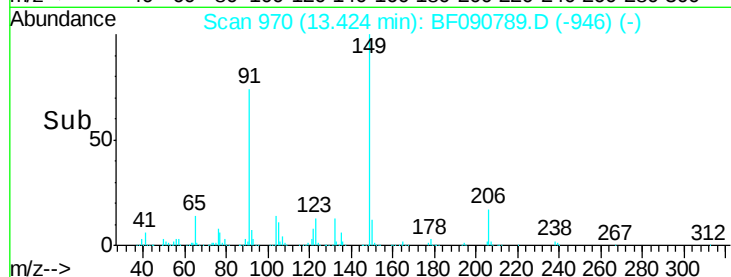
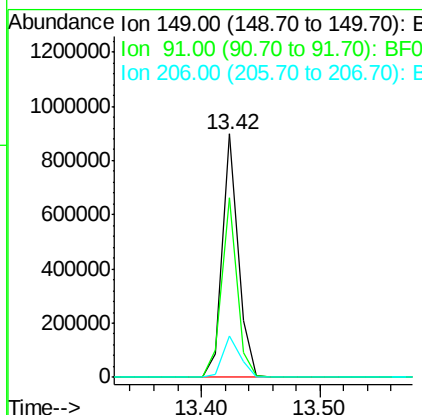
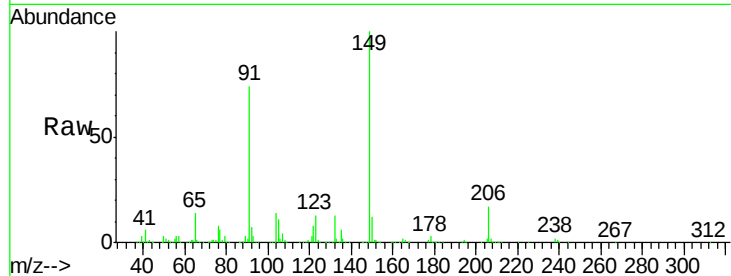
#79
Butylbenzylphthalate
Concen: 36.96 ng
RT: 13.42 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		835848		
91	73.7	48.6		72.8	
206	17.2	14.9		22.3	

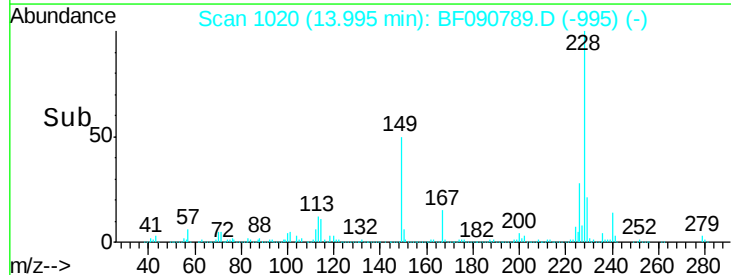
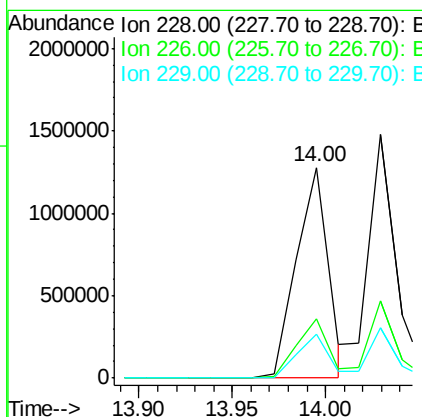
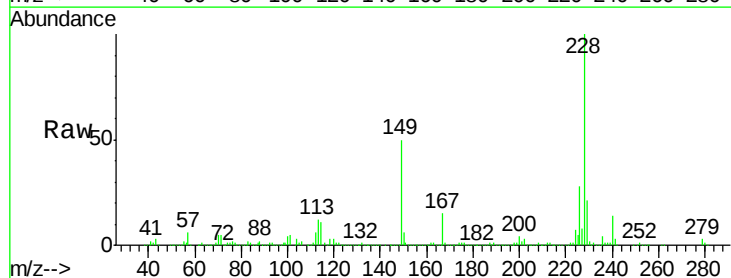
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#80
Benzo(a)anthracene
Concen: 39.57 ng
RT: 14.00 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		1525307		
226	28.4	20.0		30.0	
229	20.7	15.4		23.2	





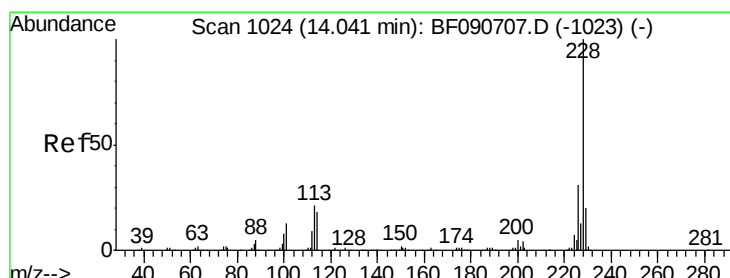
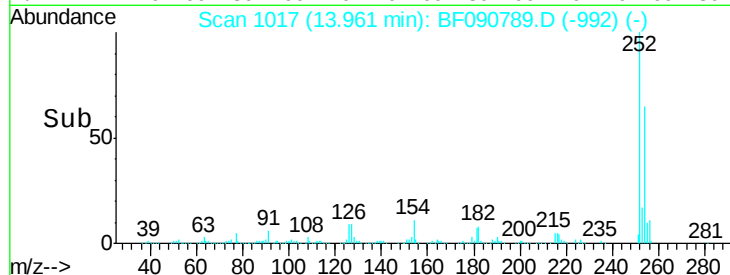
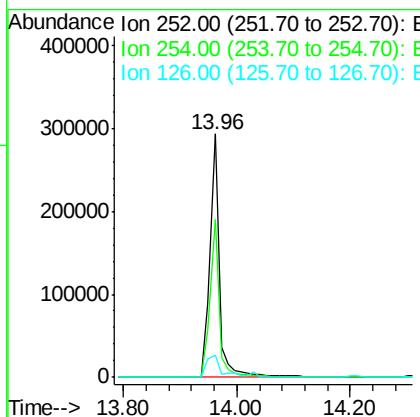
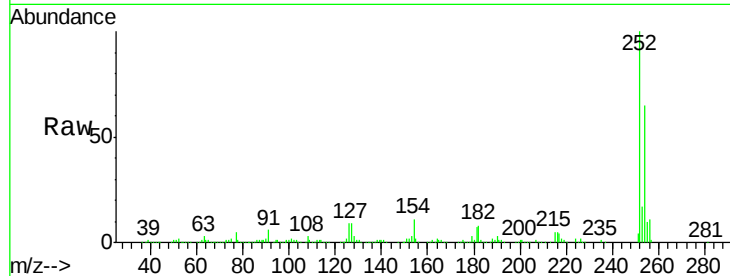
#81
 3,3'-Dichlorobenzidine
 Concen: 24.46 ng
 RT: 13.96 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.0	51.4	77.2
126	9.0	16.4	24.6

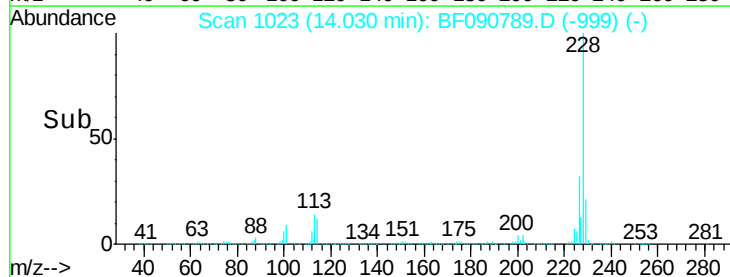
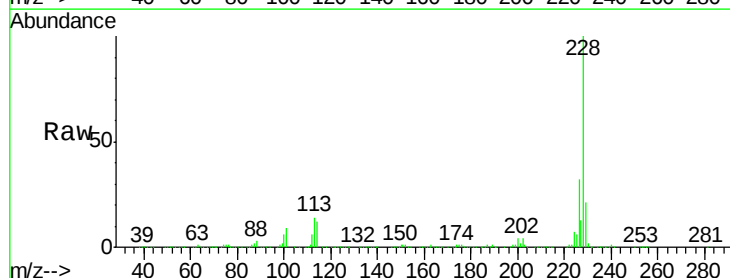
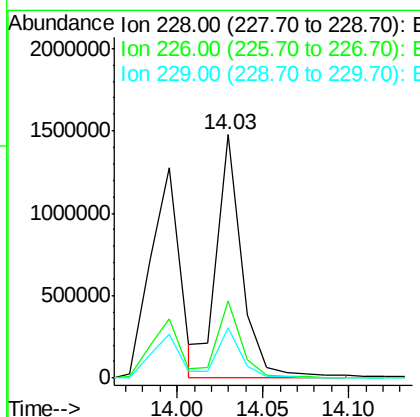
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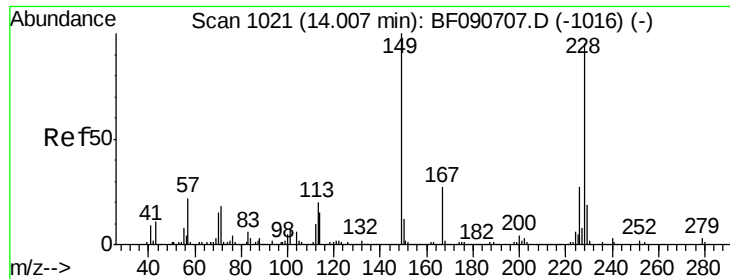
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#82
 Chrysene
 Concen: 40.68 ng m
 RT: 14.03 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.7	21.0	31.4
229	20.7	15.6	23.4





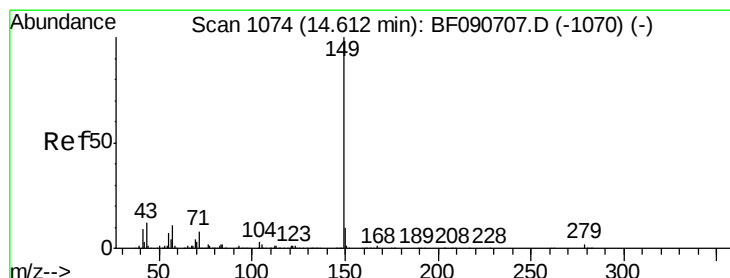
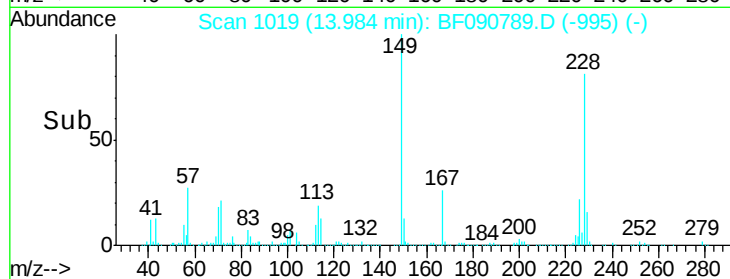
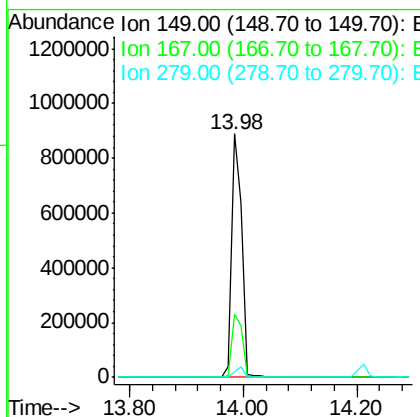
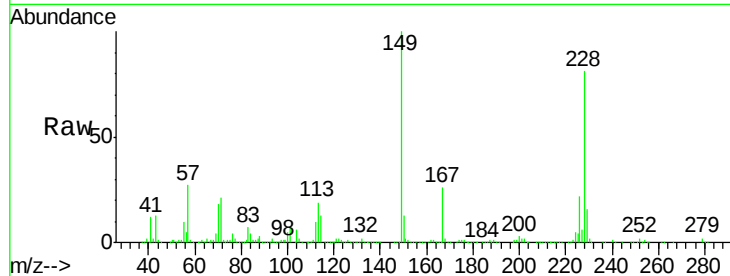
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.85 ng
 RT: 13.98 min Scan# 1019
 Delta R.T. -0.02 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Tot Ion:149 Resp: 1094982
 Ion Ratio Lower Upper
 149 100
 167 26.0 24.2 36.2
 279 2.1 3.8 5.6#

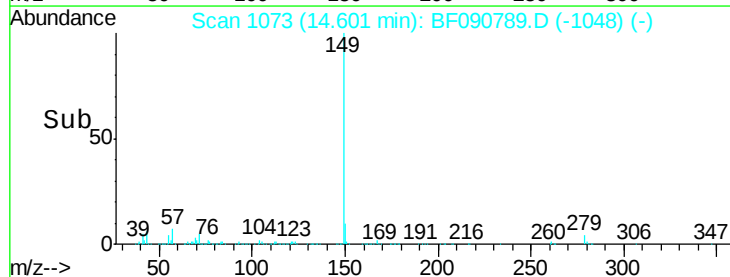
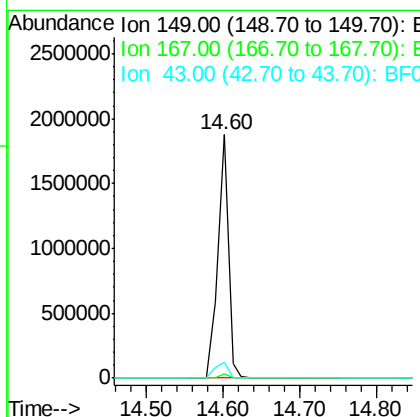
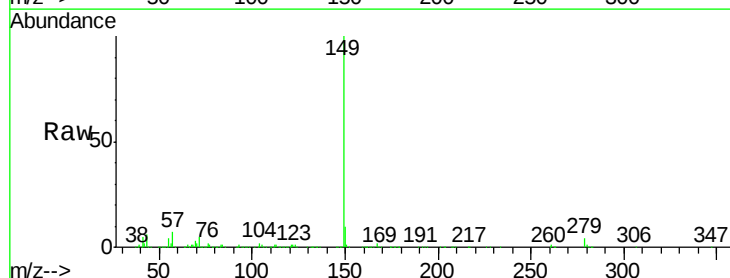
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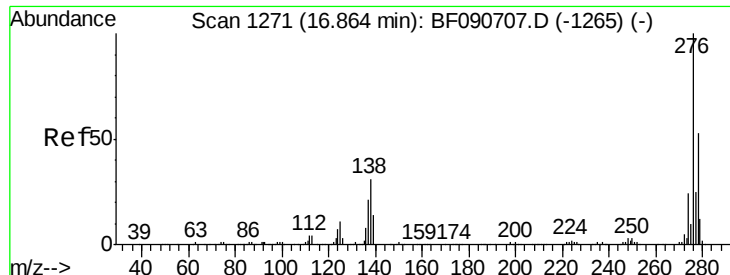
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#84
 Di-n-octyl phthalate
 Concen: 36.47 ng
 RT: 14.60 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Tgt Ion:149 Resp: 1790785
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.0 1.6#
 43 8.0 10.2 15.2#





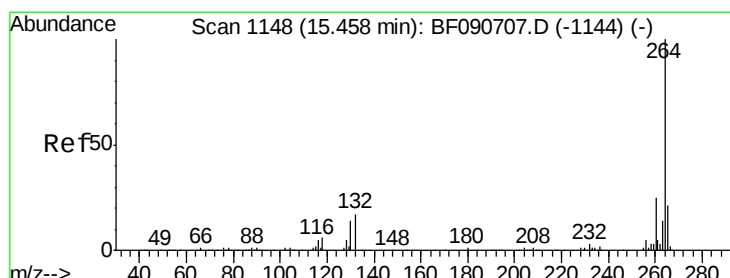
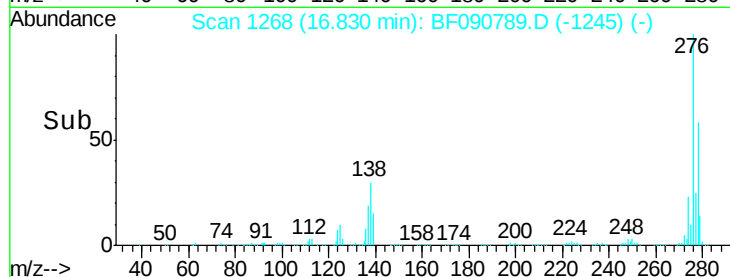
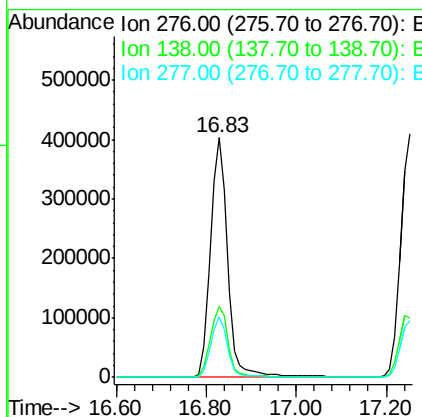
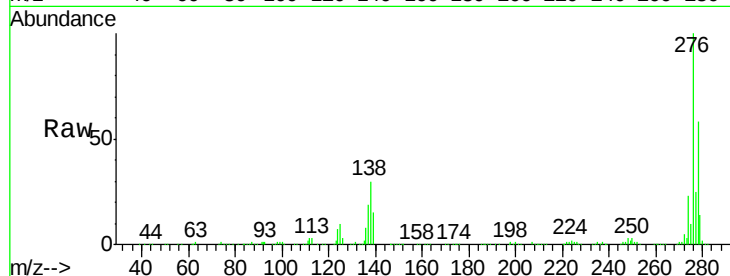
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.86 ng
RT: 16.83 min Scan# 1268
Delta R.T. -0.03 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion:276 Resp: 1078310
Ion Ratio Lower Upper
276 100
138 31.1 25.7 38.5
277 25.1 15.6 23.4#

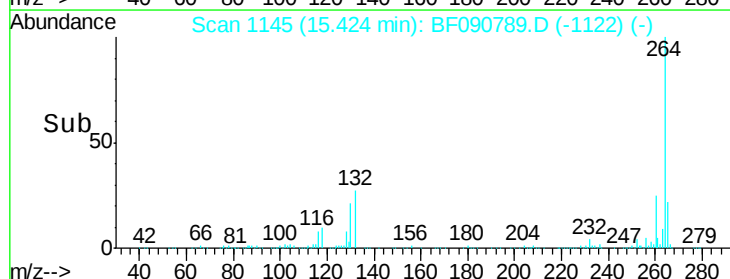
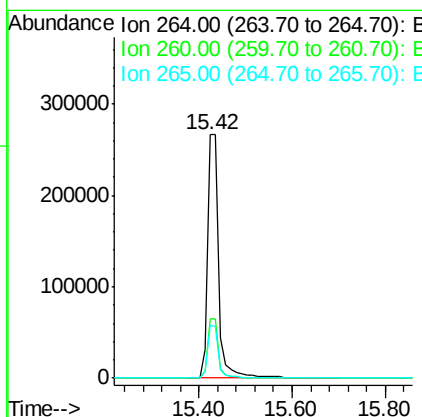
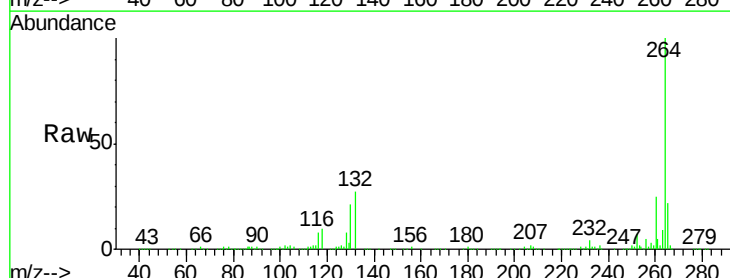
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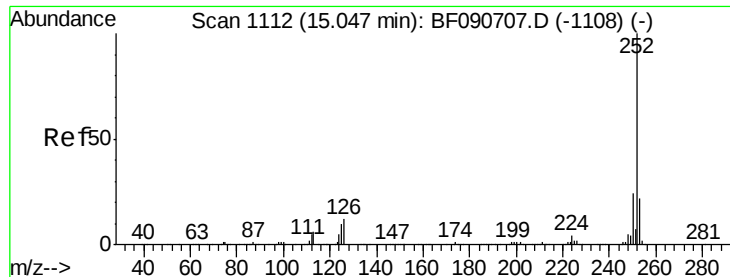
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion:264 Resp: 455808
Ion Ratio Lower Upper
264 100
260 24.6 16.7 25.1
265 21.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 44.56 ng

RT: 15.02 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

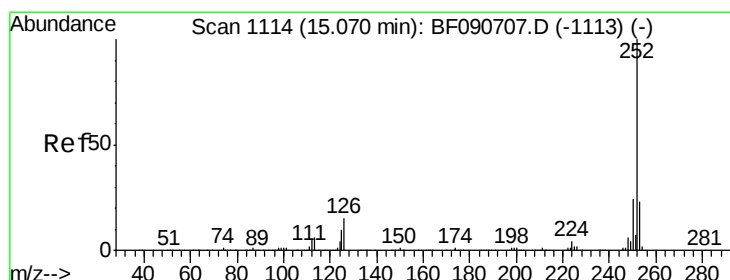
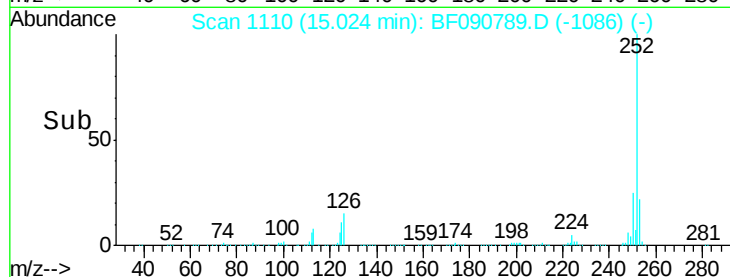
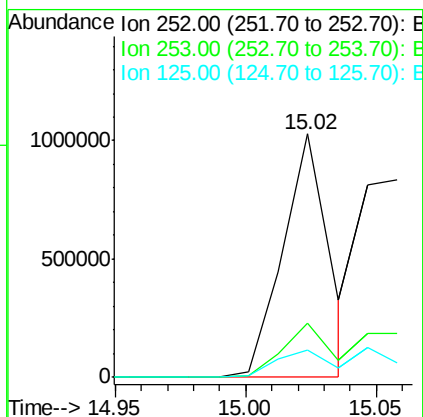
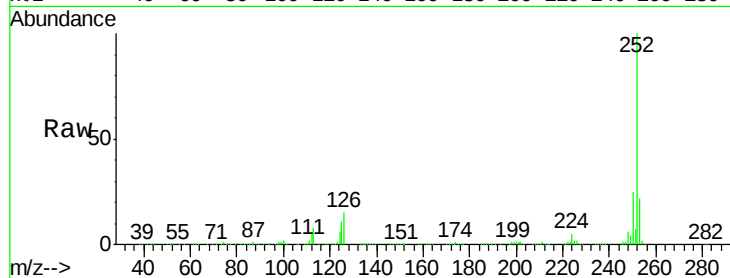
ClientSampleId :

PB94262BS

Tot Ion:252	Resp: 1248880		
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.4	17.1	25.7#

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#88

Benzo(k)fluoranthene

Concen: 44.39 ng m

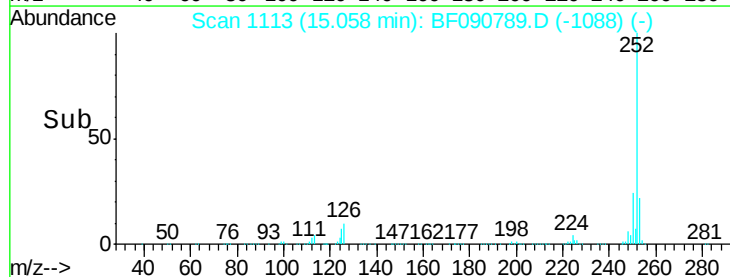
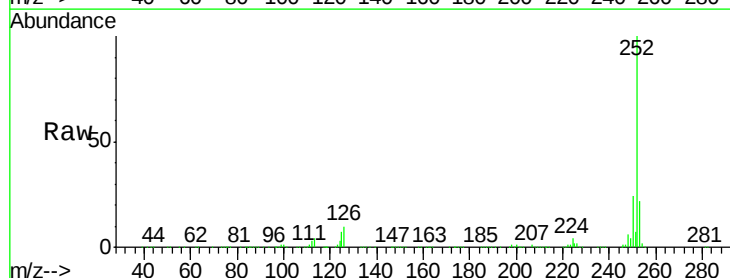
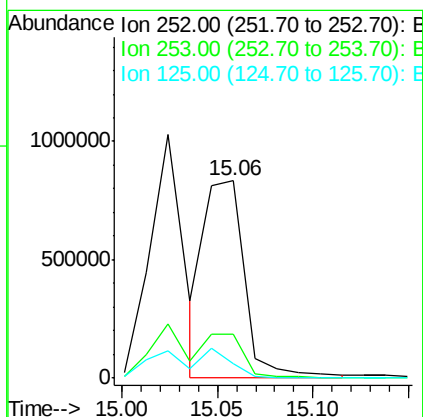
RT: 15.06 min Scan# 1113

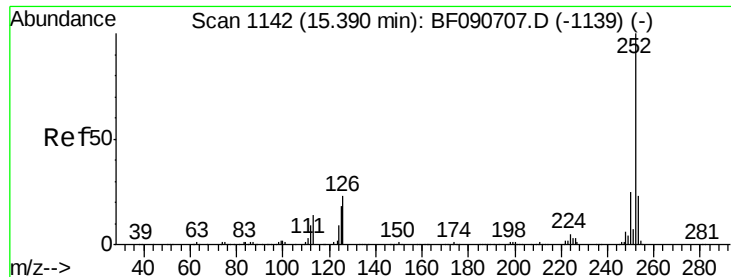
Delta R.T. -0.01 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Tgt Ion:252	Resp: 1250329		
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.4
125	7.1	16.0	24.0#





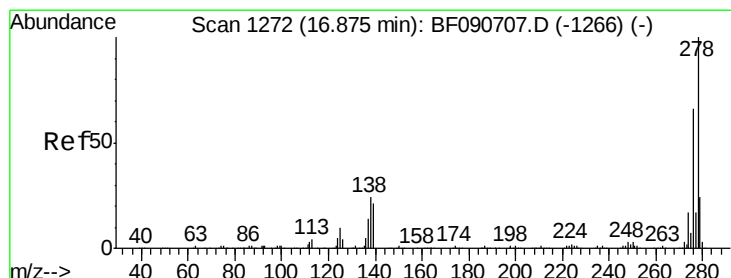
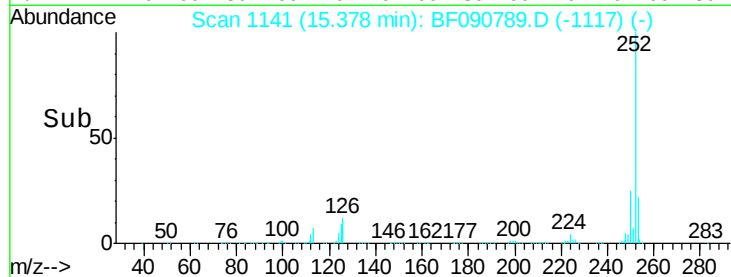
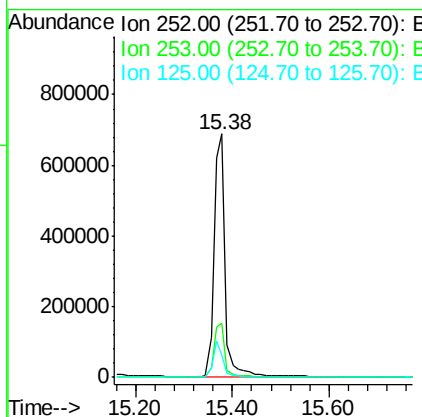
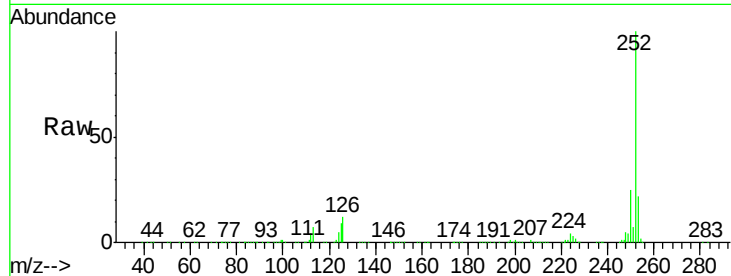
#89
Benzo(a)pyrene
Concen: 42.64 ng
RT: 15.38 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	9.3	18.0	27.0

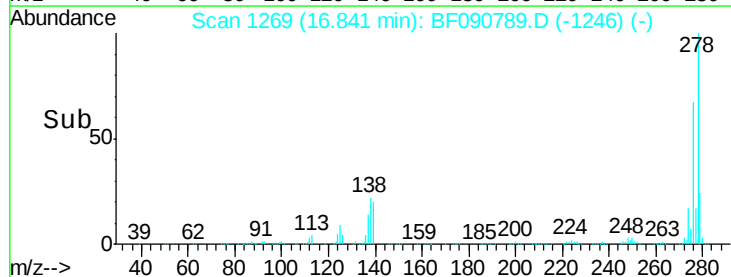
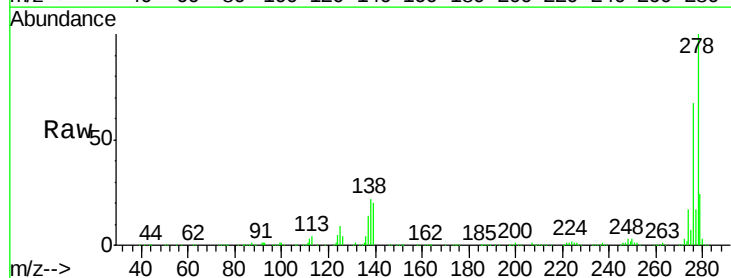
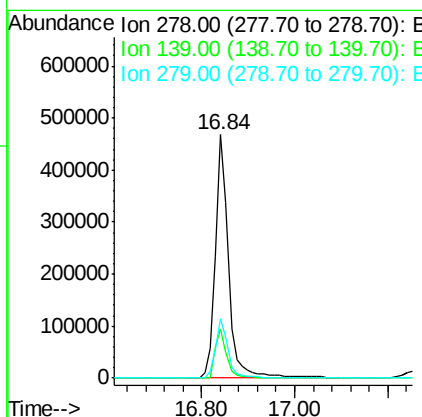
Manual Integrations
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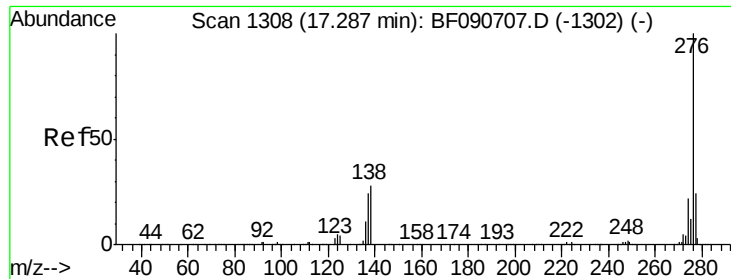
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#90
Dibenzo(a,h)anthracene
Concen: 36.66 ng
RT: 16.84 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	26.3	39.5
279	24.5	18.2	27.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.39 ng
 RT: 17.25 min Scan# 1305
 Delta R.T. -0.03 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.5	17.8	26.6
138	24.2	34.6	51.8

Manual Integrations
 APPROVED

sohil
 10/25/2016 4:24:04 PM

