

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
 Data File : BF090794.D
 Acq On : 24 Oct 2016 18:20
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

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 10/25/2016 4:23:58 PM

Quant Time: Oct 24 19:14:49 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	239325	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	982232	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	509101	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	838052	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	682058	20.00	ng	-0.01
86) Perylene-d12	15.42	264	443205	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1223148	82.42	ng	-0.02
7) Phenol-d6	6.47	99	1501476	74.70	ng	-0.02
23) Nitrobenzene-d5	7.41	82	1401254	78.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	416671	103.40	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	2407430	73.41	ng	-0.02
78) Terphenyl-d14	12.95	244	2412973	81.08	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	272644	31.75	ng	# 72
3) Pyridine	3.15	79	856190	42.55	ng	# 72
4) n-Nitrosodimethylamine	3.10	42	250663	36.41	ng	# 71
6) Aniline	6.50	93	913863	40.10	ng	# 67
8) 2-Chlorophenol	6.62	128	720137	40.43	ng	# 98
9) Benzaldehyde	6.38	77	406112	36.95	ng	# 79
10) Phenol	6.49	94	787069	34.83	ng	# 55
11) bis(2-Chloroethyl)ether	6.58	93	728886m	38.39	ng	# 91
12) 1,3-Dichlorobenzene	6.77	146	702513	39.26	ng	# 91
13) 1,4-Dichlorobenzene	6.85	146	749076	39.47	ng	# 98
14) 1,2-Dichlorobenzene	7.01	146	700615	37.71	ng	# 83
15) Benzyl Alcohol	6.99	79	518003	37.94	ng	# 69
16) 2,2'-oxybis(1-Chloropropan	7.11	45	869181	30.57	ng	# 83
17) 2-Methylphenol	7.10	107	551815	41.11	ng	# 94
18) Hexachloroethane	7.34	117	269902	35.03	ng	# 69
19) n-Nitroso-di-n-propylamine	7.26	70	497971	33.27	ng	# 57
20) 3+4-Methylphenols	7.25	107	597586	37.56	ng	# 83
22) Acetophenone	7.25	105	843658	38.54	ng	# 69
24) Nitrobenzene	7.42	77	737433	37.98	ng	# 89
25) Isophorone	7.66	82	1255067	37.02	ng	# 83
26) 2-Nitrophenol	7.74	139	376174	47.43	ng	# 87
27) 2,4-Dimethylphenol	7.79	122	583365	41.48	ng	# 95
28) bis(2-Chloroethoxy)methane	7.88	93	769819	41.51	ng	# 95
29) 2,4-Dichlorophenol	7.98	162	525436	45.52	ng	# 95
30) 1,2,4-Trichlorobenzene	8.06	180	582907	42.91	ng	# 96
31) Naphthalene	8.14	128	1798873	37.44	ng	# 66
32) Benzoic acid	7.93	122	314415	34.28	ng	# 95
33) 4-Chloroaniline	8.20	127	842263	47.27	ng	# 99
34) Hexachlorobutadiene	8.27	225	344287	45.08	ng	# 80
35) Caprolactam	8.58	113	148444m	45.03	ng	# 91
36) 4-Chloro-3-methylphenol	8.68	107	538465	40.11	ng	# 99
37) 2-Methylnaphthalene	8.84	142	1248679	44.47	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	545576	39.69	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	232985	36.10	ng	# 96

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Quant Time: Oct 24 19:14:49 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)
42) 2,4,6-Trichlorophenol	9.11	196	364313	42.73	nq	100
43) 2,4,5-Trichlorophenol	9.16	196	381119	44.05	nq	96
45) 1,1'-Biphenyl	9.30	154	1401945	35.07	nq	92
46) 2-Chloronaphthalene	9.33	162	1134027	38.16	nq	97
47) 2-Nitroaniline	9.42	65	323158	32.76	nq	# 81
48) Acenaphthylene	9.74	152	1762339	38.87	nq	95
49) Dimethylphthalate	9.61	163	1190080	37.20	nq	# 97
50) 2,6-Dinitrotoluene	9.66	165	277392	40.32	nq	# 64
51) Acenaphthene	9.91	154	1128884	37.50	nq	88
52) 3-Nitroaniline	9.83	138	300615	38.02	nq	# 63
53) 2,4-Dinitrophenol	9.95	184	98146	35.42	nq	# 83
54) Dibenzofuran	10.09	168	1489048	40.84	nq	# 89
55) 4-Nitrophenol	10.01	139	200593	44.16	nq	# 76
56) 2,4-Dinitrotoluene	10.07	165	399376	47.50	nq	# 91
57) Fluorene	10.43	166	1257657	41.62	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.20	232	303668	44.73	nq	98
59) Diethylphthalate	10.30	149	1195650	36.04	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	574712	41.62	nq	# 88
61) 4-Nitroaniline	10.45	138	331960	41.45	nq	# 56
62) Azobenzene	10.58	77	1325257	34.11	nq	86
64) 4,6-Dinitro-2-methylphenol	10.49	198	173788	33.84	nq	# 57
65) n-Nitrosodiphenylamine	10.54	169	1039077	38.70	nq	91
66) 4-Bromophenyl-phenylether	10.91	248	358150	44.08	nq	98
67) Hexachlorobenzene	10.98	284	458715	47.85	nq	# 80
68) Atrazine	11.07	200	301089	40.63	nq	84
69) Pentachlorophenol	11.17	266	205002	41.77	nq	98
70) Phenanthrene	11.39	178	1738498m	40.70	nq	
71) Anthracene	11.43	178	1825541	38.54	nq	96
72) Carbazole	11.59	167	1659676	41.90	nq	# 93
73) Di-n-butylphthalate	11.93	149	1851660	36.04	nq	# 96
74) Fluoranthene	12.58	202	1821300	44.07	nq	88
76) Benzidine	12.70	184	705768	46.60	nq	# 96
77) Pyrene	12.81	202	1840025m	38.63	nq	
79) Butylbenzylphthalate	13.42	149	809443	36.97	nq	# 87
80) Benzo(a)anthracene	13.99	228	1451017	38.87	nq	96
81) 3,3'-Dichlorobenzidine	13.96	252	564424	43.64	nq	# 94
82) Chrysene	14.03	228	1486744m	40.81	nq	
83) Bis(2-ethylhexyl)phthalate	13.98	149	1003818	32.04	nq	# 94
84) Di-n-octyl phthalate	14.60	149	1591214	33.47	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.83	276	1049490	33.02	nq	# 92
87) Benzo(b)fluoranthene	15.02	252	1163484	42.69	nq	# 88
88) Benzo(k)fluoranthene	15.05	252	1045677m	38.18	nq	
89) Benzo(a)pyrene	15.37	252	1014359	39.67	nq	# 90
90) Dibenzo(a,h)anthracene	16.84	278	897015	36.54	nq	# 84
91) Benzo(g,h,i)perylene	17.24	276	863301	36.25	nq	# 83

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

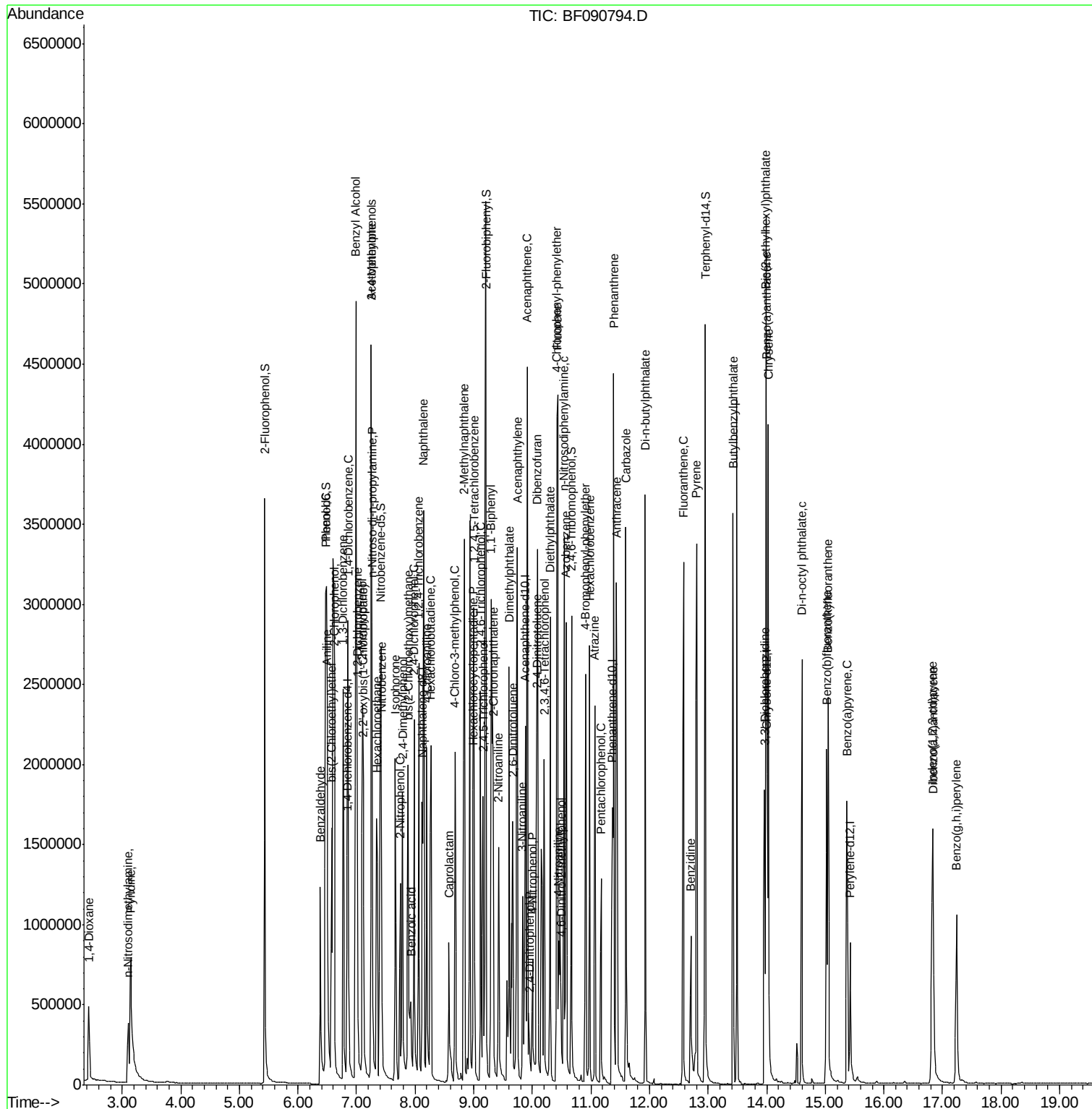
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
Data File : BF090794.D
Acq On    : 24 Oct 2016   18:20
Operator  : UM/SJ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 3      Sample Multiplier: 1
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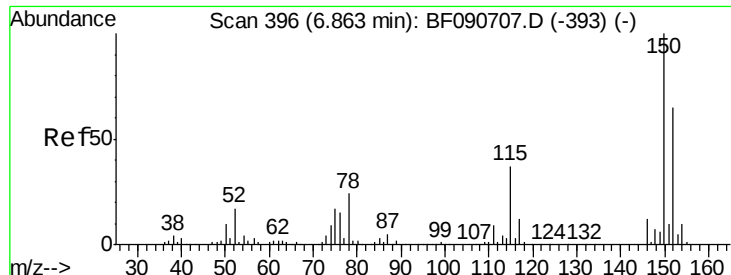
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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#1

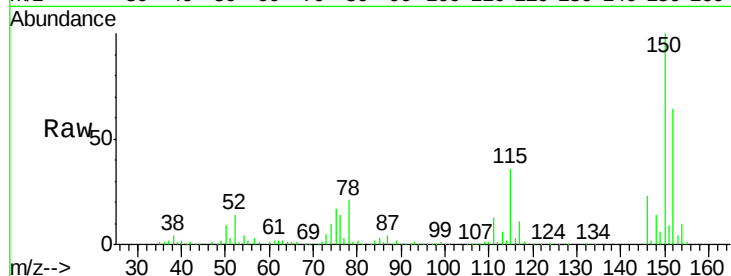
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 394
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

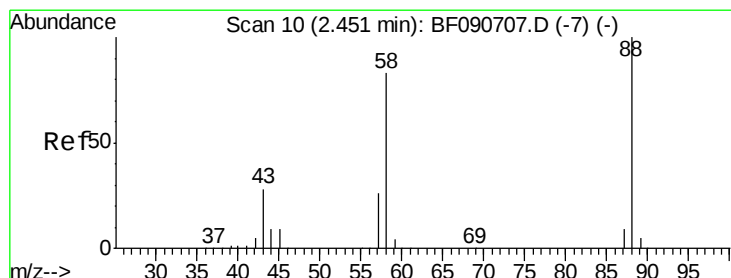
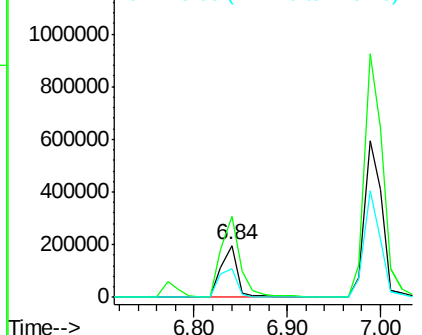
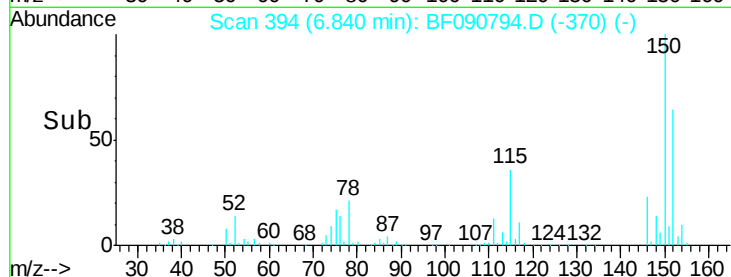
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.7	187.1
115	55.6	39.0	58.4

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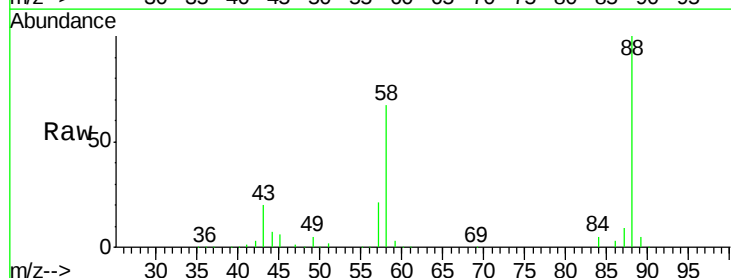
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



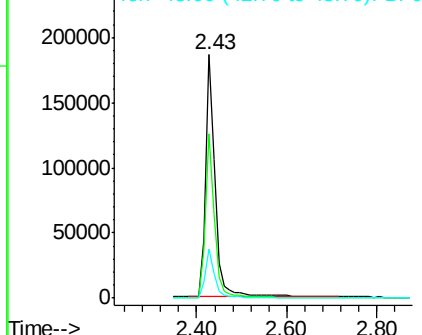
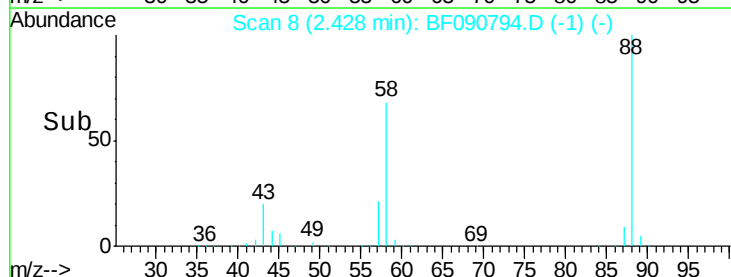
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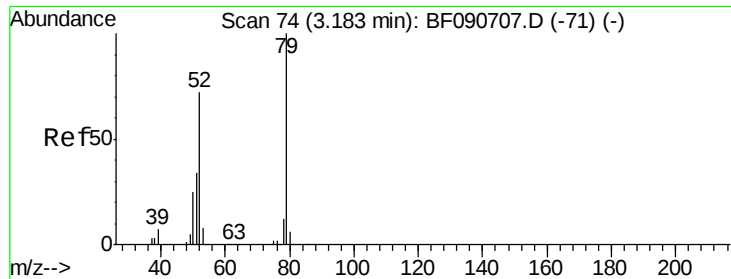
1,4-Dioxane
Concen: 31.75 ng
RT: 2.43 min Scan# 8
Delta R.T. -0.06 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.1	77.7	116.5#
43	21.0	26.6	40.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





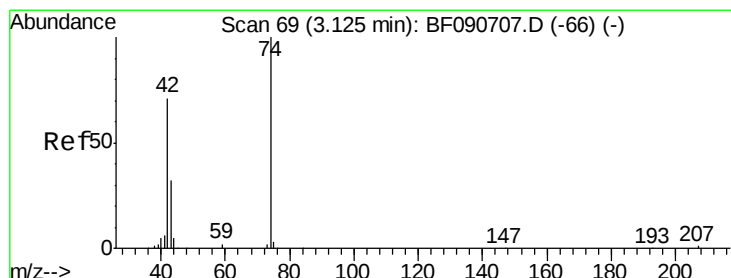
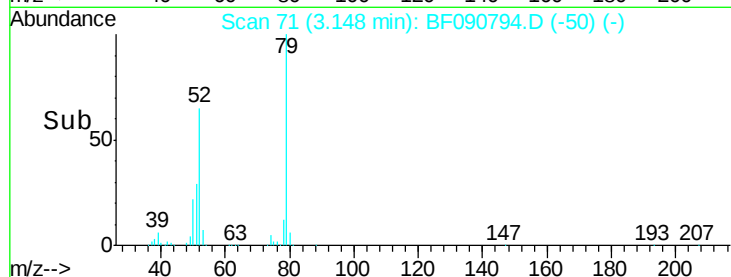
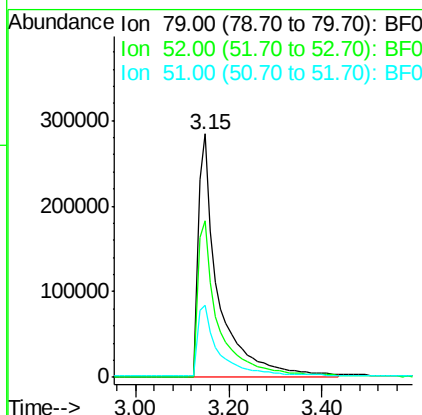
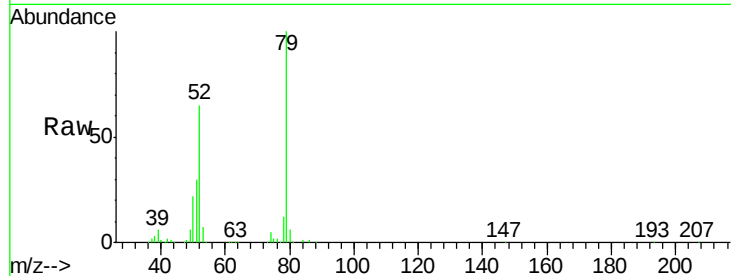
#3
 Pvridine
 Concen: 42.55 ng
 RT: 3.15 min Scan# 71
 Delta R.T. -0.06 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	64.5	76.8	115.2#
51	51	29.9	32.2	48.4#

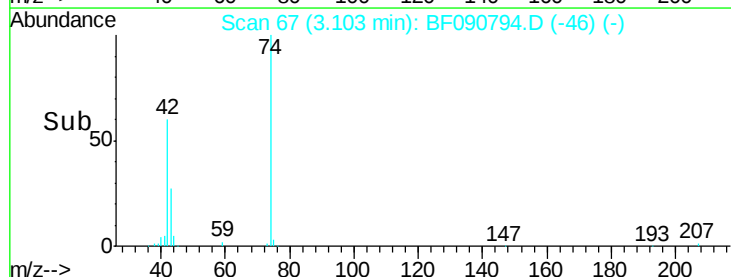
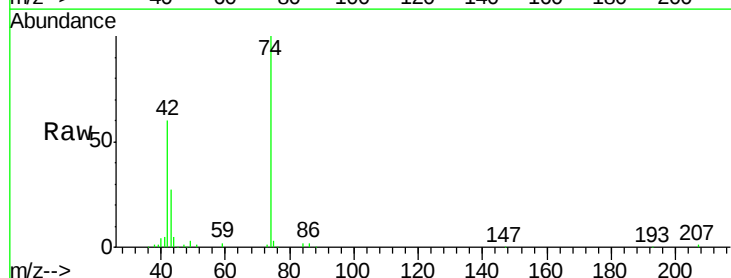
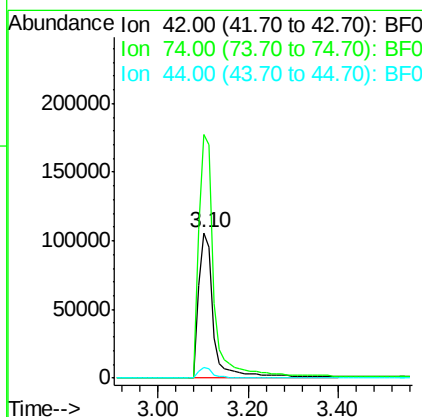
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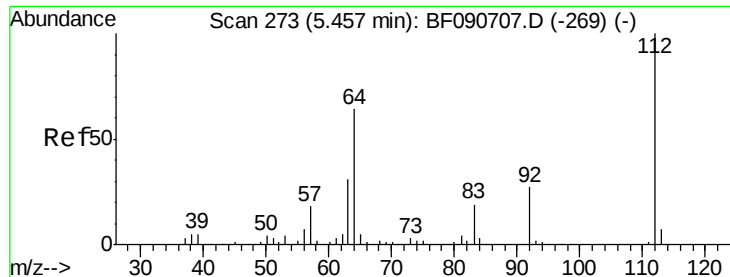
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#4
 n-Nitrosodimethylamine
 Concen: 36.41 ng
 RT: 3.10 min Scan# 67
 Delta R.T. -0.06 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	167.2	105.0	157.6#
44	44	7.7	6.6	10.0





#5

2-Fluorophenol

Concen: 82.42 ng

RT: 5.43 min Scan# 271

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:112 Resp: 1223148

Ion Ratio Lower Upper

112 100

64 57.6 39.7 59.5

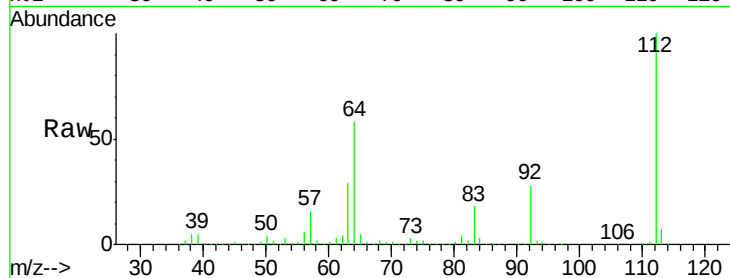
63 28.5 17.4 26.0#

Manual Integrations

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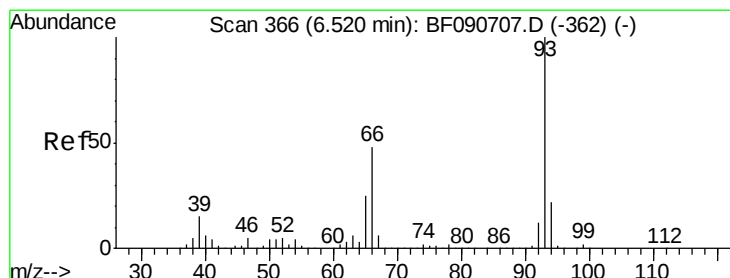
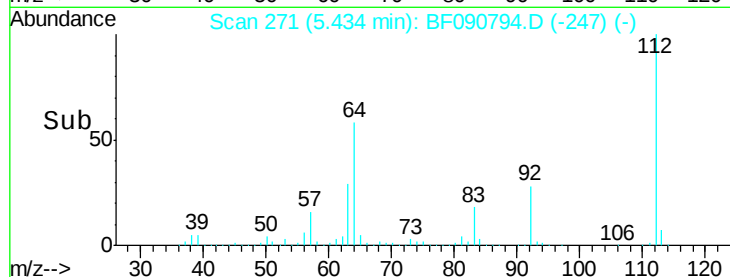
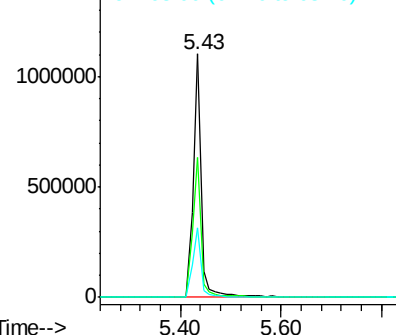
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.10 ng

RT: 6.50 min Scan# 364

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

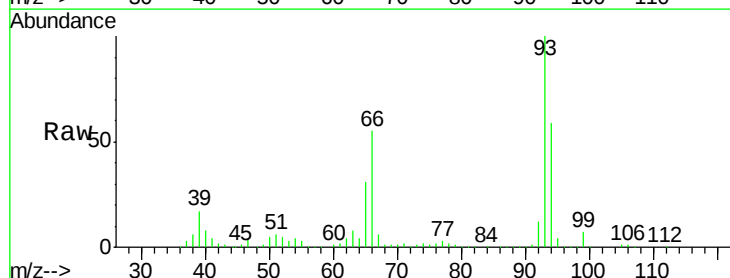
Tgt Ion: 93 Resp: 913863

Ion Ratio Lower Upper

93 100

66 54.6 27.2 40.8#

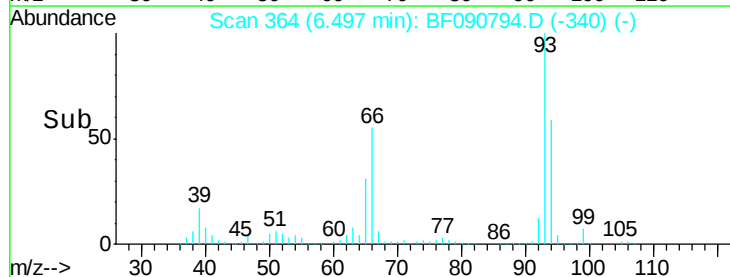
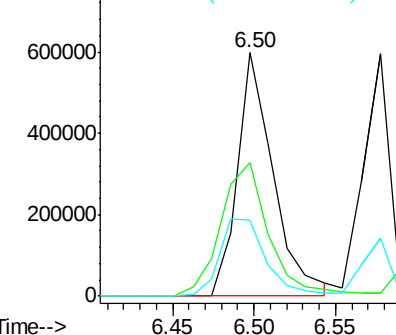
65 31.2 14.7 22.1#

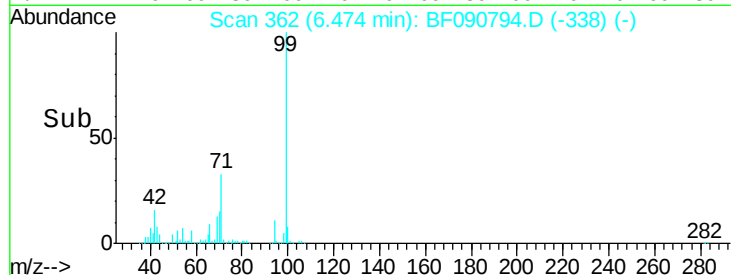
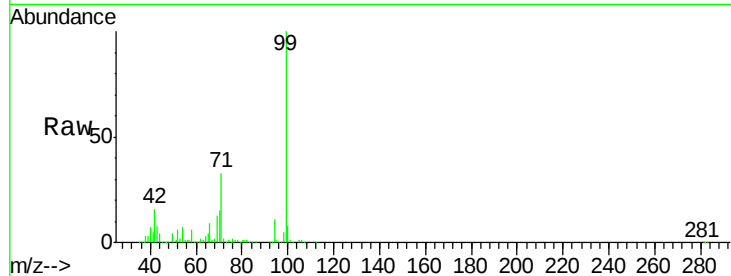
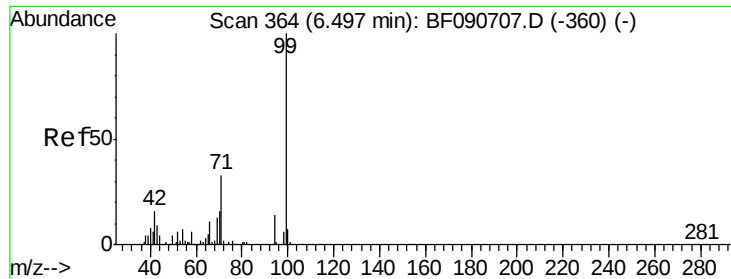


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.70 ng

RT: 6.47 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Tot Ion: 99 Resp: 1501476

Ion Ratio Lower Upper

99 100

42 15.6 13.7 20.5

71 32.5 14.2 21.2#

Instrument :

BNA_F

ClientSampleId :

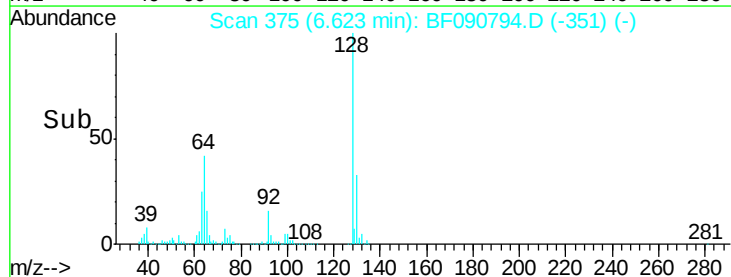
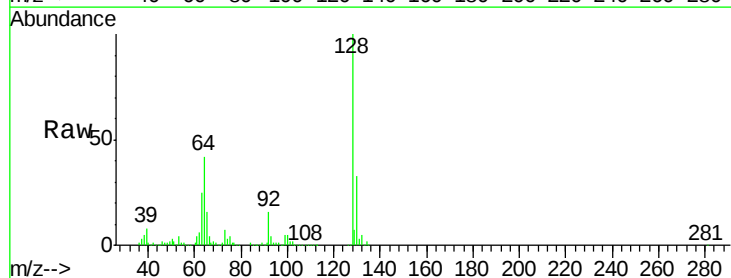
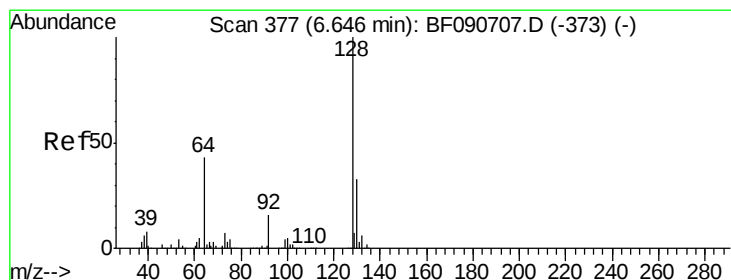
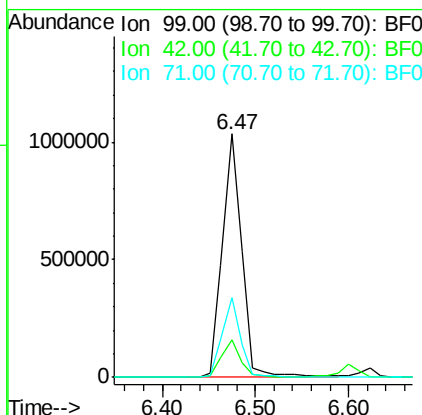
SSTDCCC040EC

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.43 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

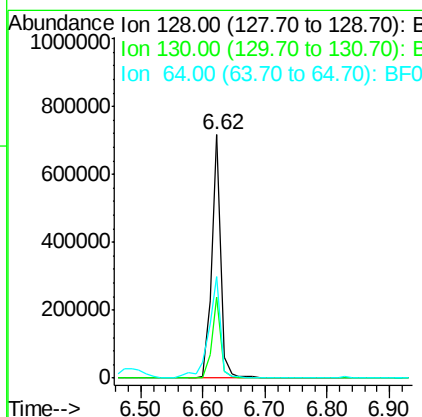
Tgt Ion: 128 Resp: 720137

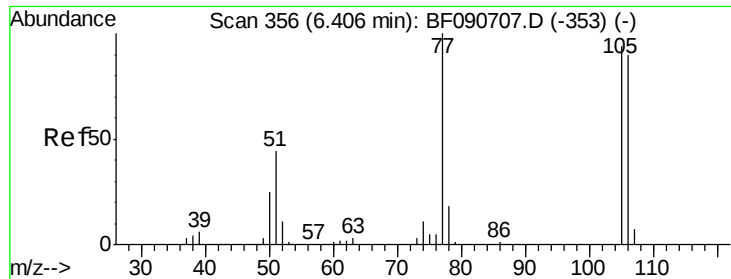
Ion Ratio Lower Upper

128 100

130 33.1 12.2 52.2

64 41.8 20.5 60.5





#9

Benzaldehyde

Concen: 36.95 ng

RT: 6.38 min Scan# 354

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 406112

Ion Ratio Lower Upper

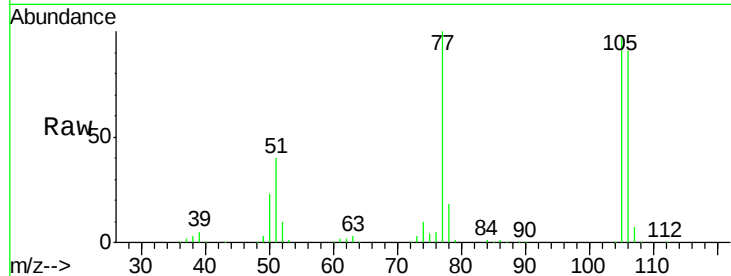
77 100

105 96.8 91.6 131.6

106 91.5 102.6 142.6#

Manual Integrations
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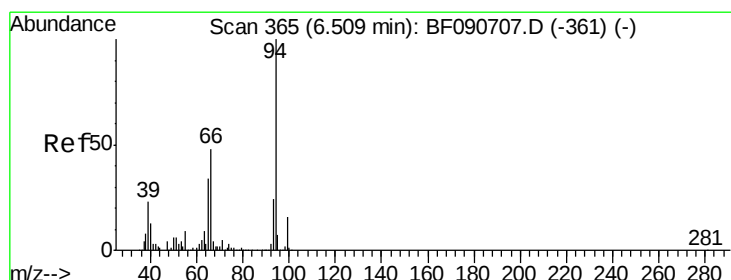
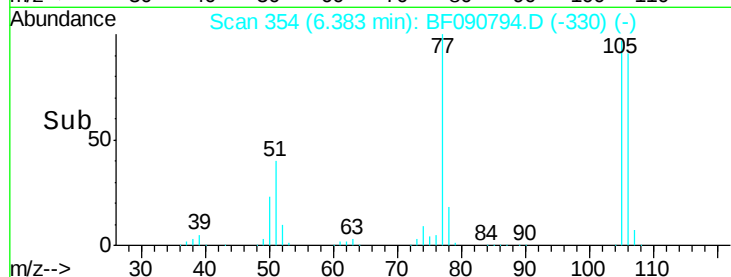
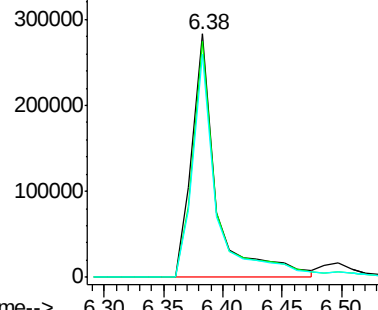
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.83 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

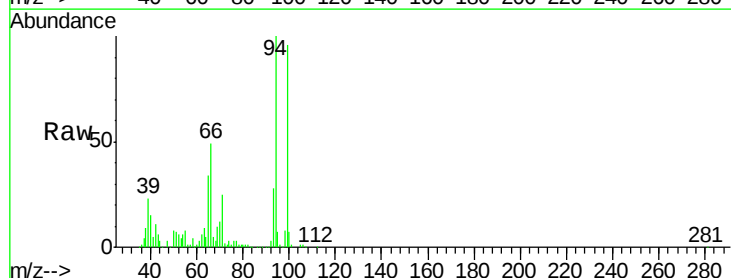
Tgt Ion: 94 Resp: 787069

Ion Ratio Lower Upper

94 100

65 34.4 0.7 40.7

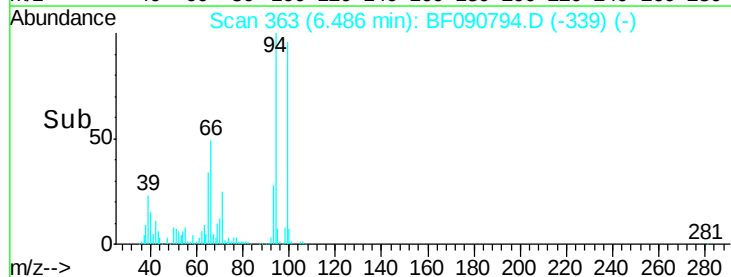
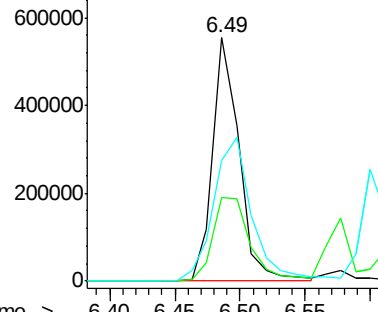
66 49.3 0.8 40.8#

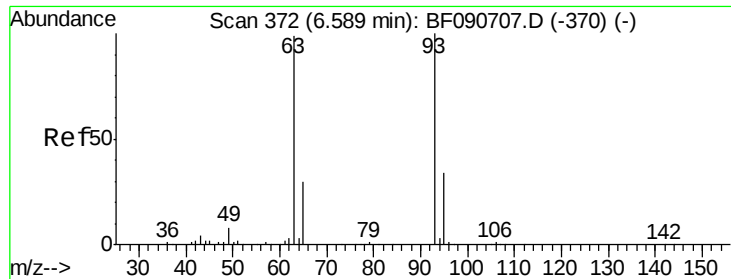


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.39 ng/mL

RT: 6.58 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

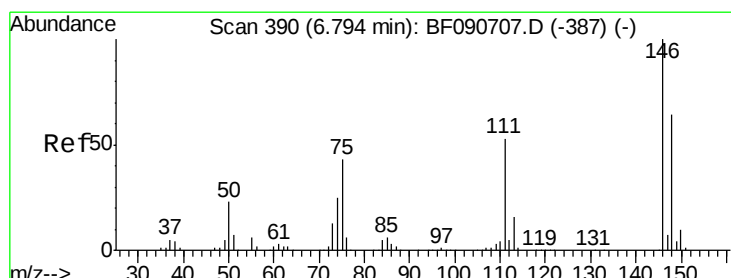
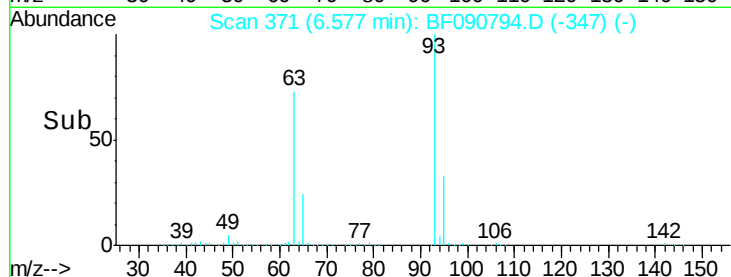
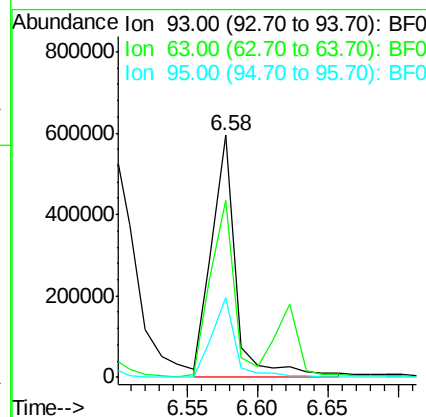
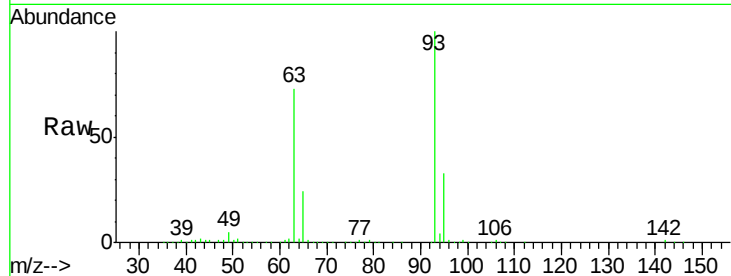
ClientSampleId :

SSTDCCC040EC

Tot Ion:	93	Resp:	72886
Ion	Ratio	Lower	Upper
93	100		
63	72.9	65.6	105.6
95	33.0	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 39.26 ng/mL

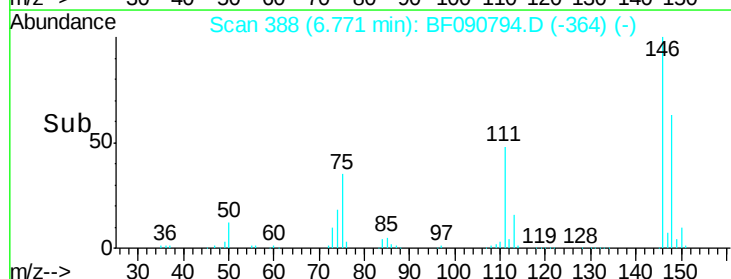
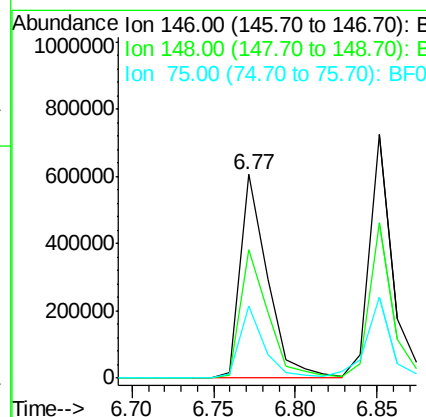
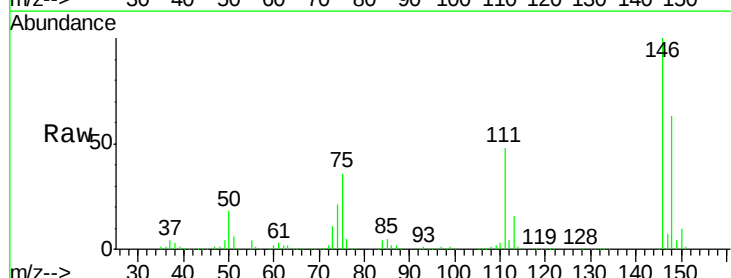
RT: 6.77 min Scan# 388

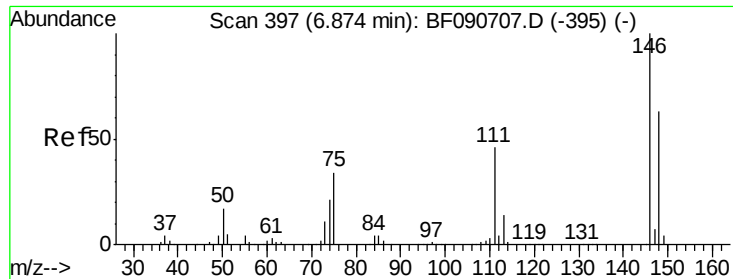
Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Tgt Ion:	146	Resp:	702513
Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.0	76.4
75	35.7	15.0	22.6





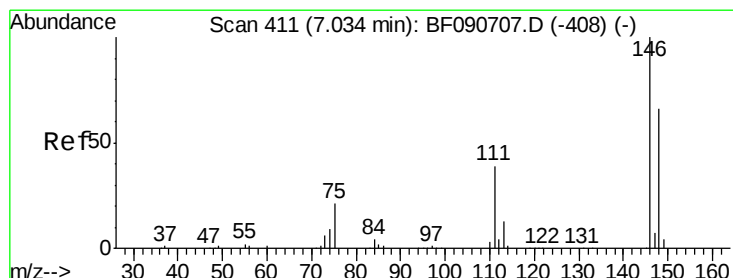
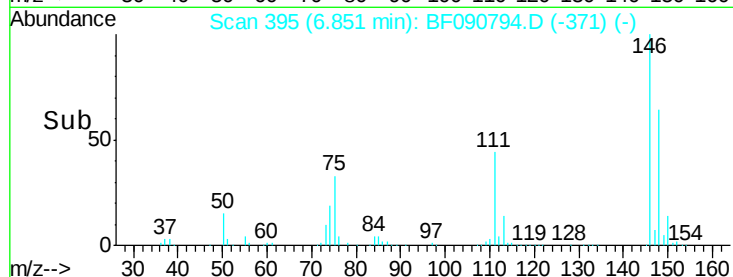
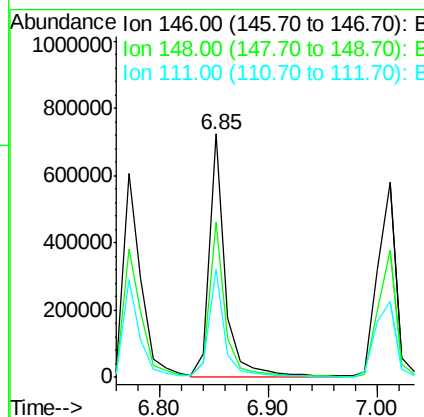
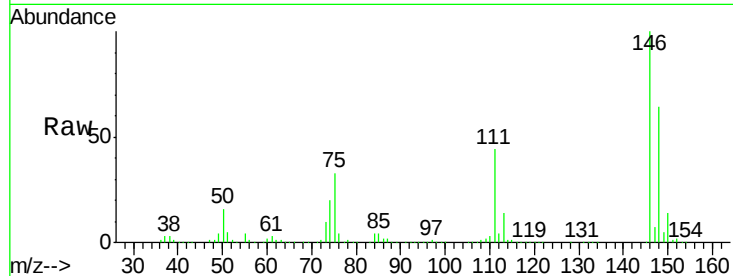
#13
1,4-Dichlorobenzene
Concen: 39.47 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.6
111	44.1	24.9	37.3

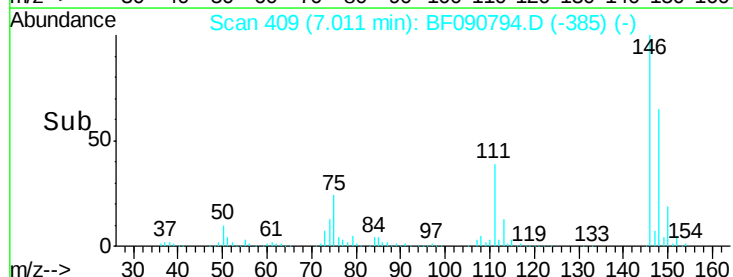
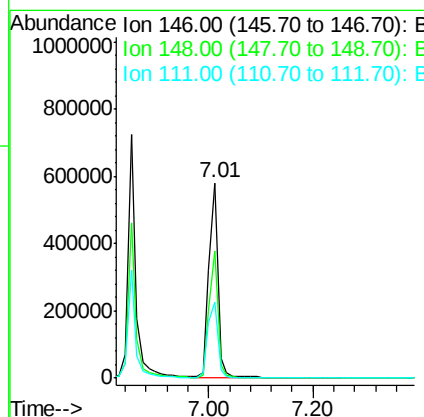
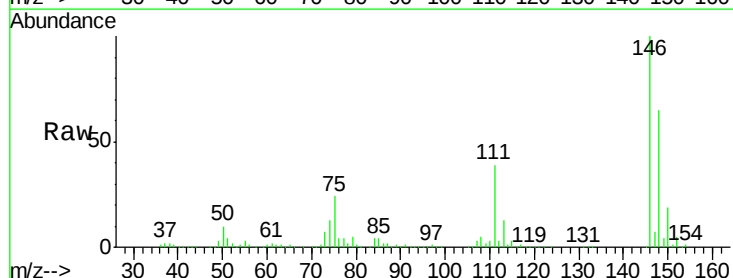
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#14
1,2-Dichlorobenzene
Concen: 37.71 ng
RT: 7.01 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.7	79.1
111	39.0	28.8	43.2





#15

Benzyl Alcohol

Concen: 37.94 ng

RT: 6.99 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

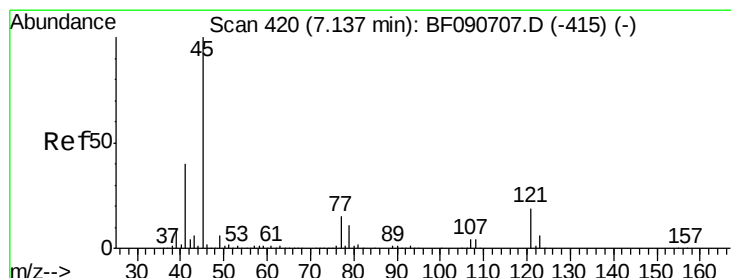
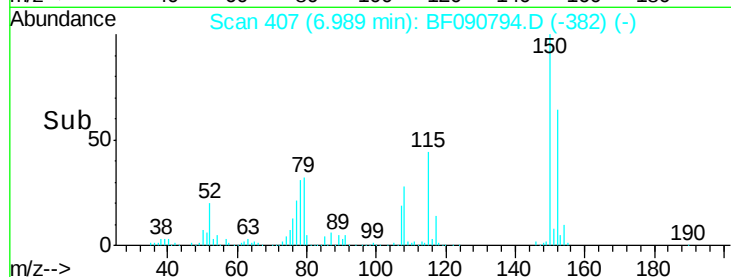
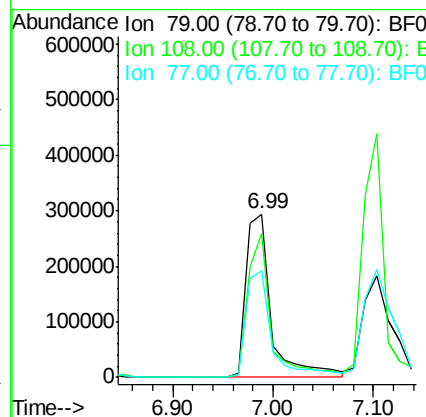
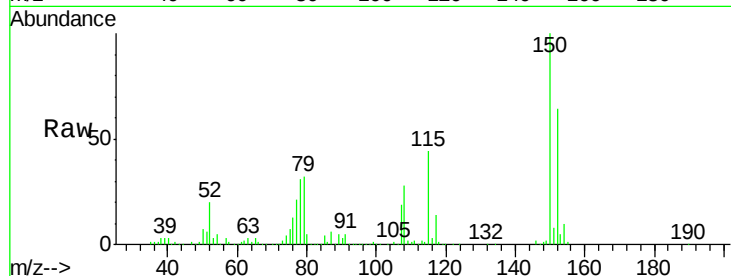
SSTDCCC040EC

Tot Ion: 79 Resp: 518003
Ion Ratio Lower Upper

79	100		
108	88.3	88.6	132.8#
77	65.5	47.0	70.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.57 ng

RT: 7.11 min Scan# 418

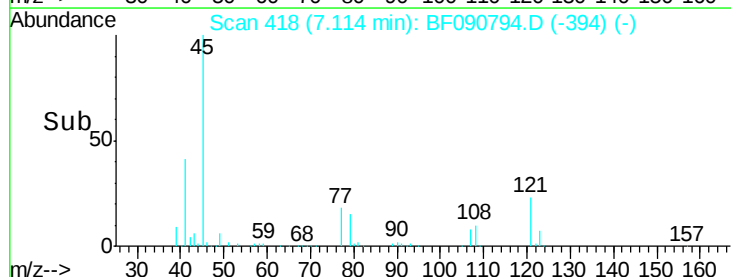
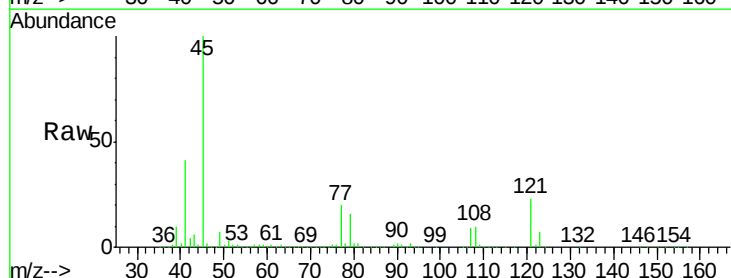
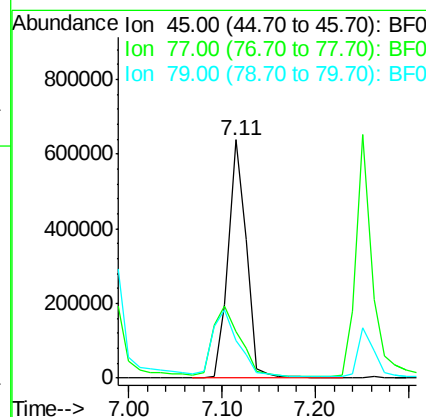
Delta R.T. -0.02 min

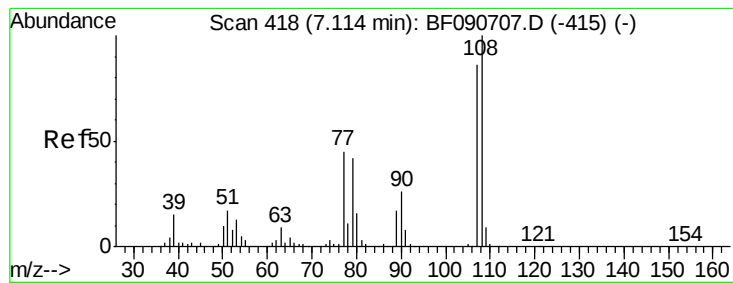
Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Tgt Ion: 45 Resp: 869181
Ion Ratio Lower Upper

45	100		
77	19.7	0.0	28.1
79	15.9	0.0	26.0





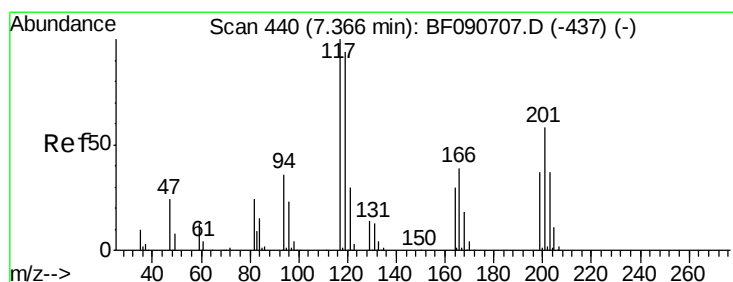
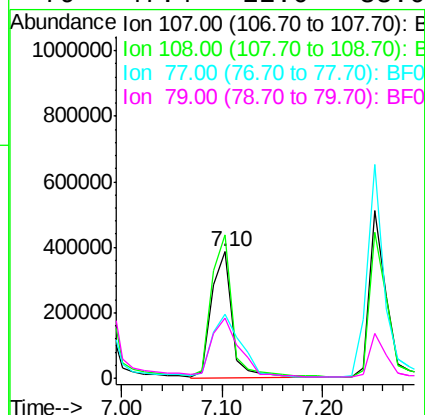
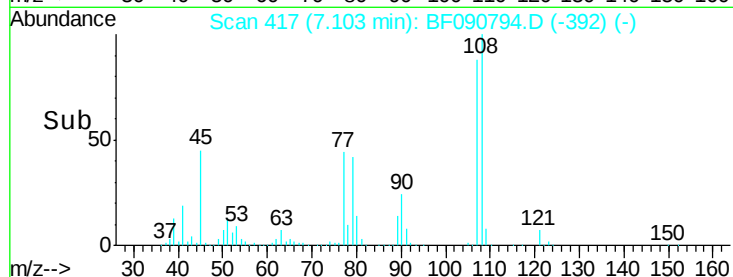
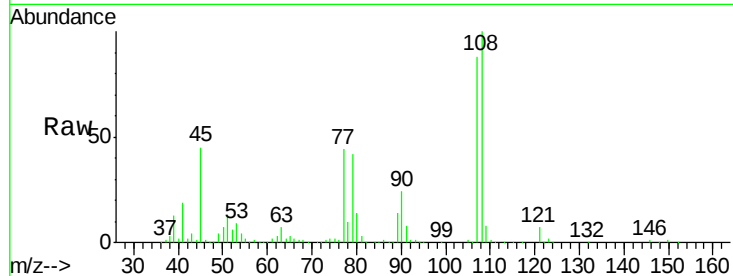
#17
2-Methylphenol
Concen: 41.11 ng
RT: 7.10 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	96.6	145.0	
77	50.4	23.3	34.9	
79	47.4	22.0	33.0	

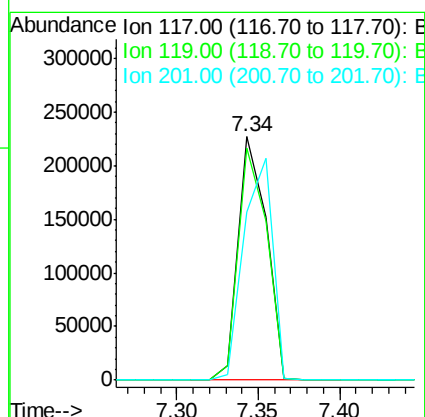
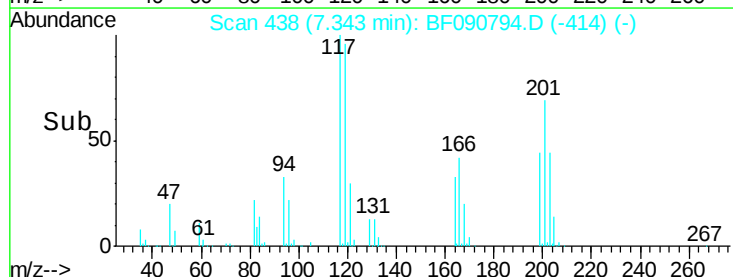
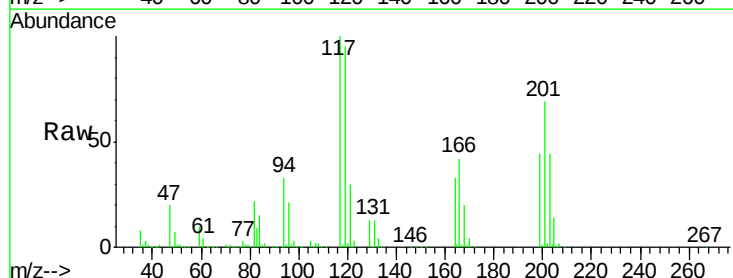
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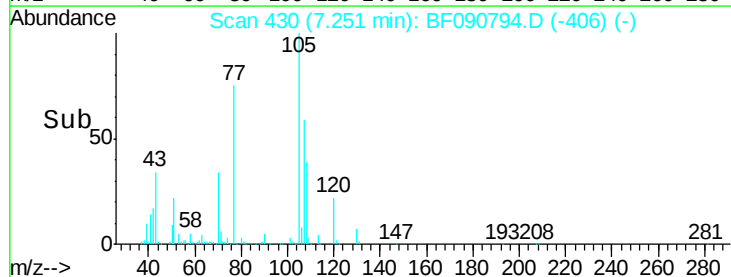
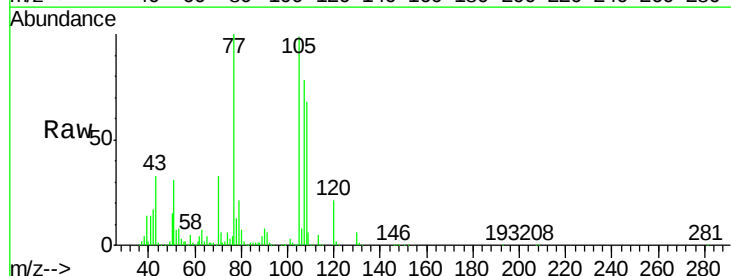
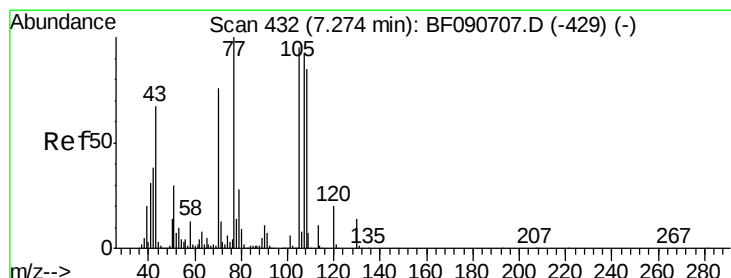
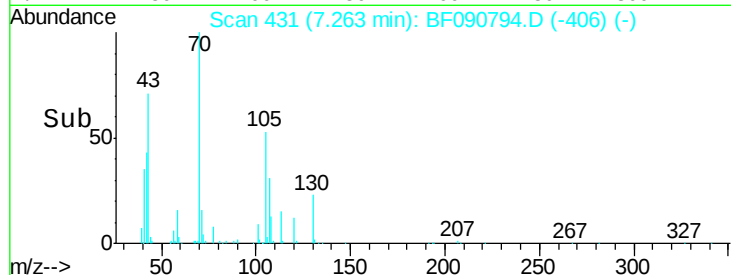
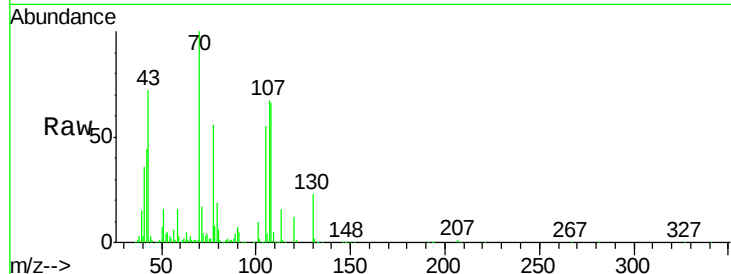
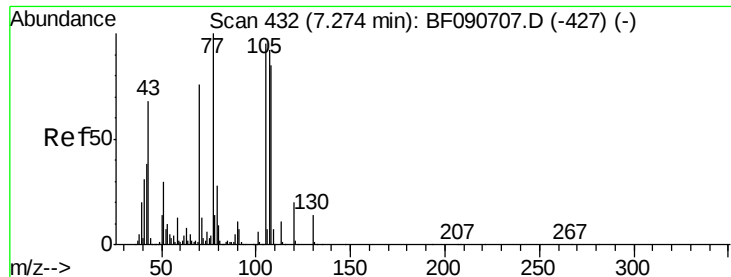
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#18
Hexachloroethane
Concen: 35.03 ng
RT: 7.34 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	83.8	125.6	
201	69.0	55.1	82.7	





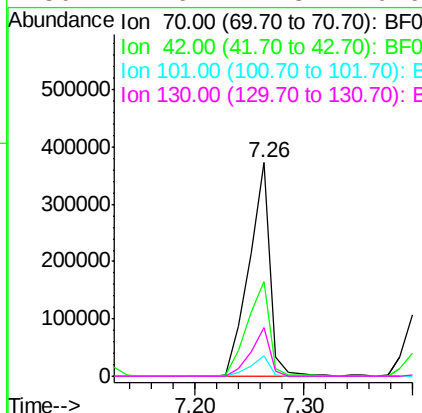
#19
n-Nitroso-di-n-propylamine
Concen: 33.27 ng
RT: 7.26 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.3	63.8	95.6#
101	9.6	9.2	13.8
130	22.6	27.3	40.9#

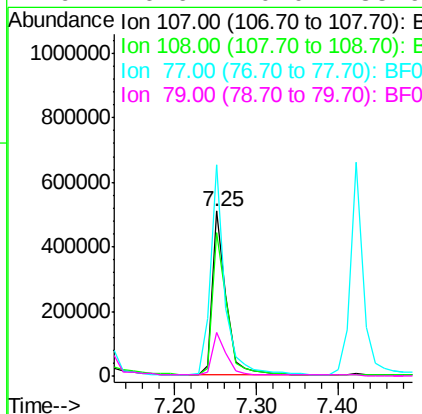
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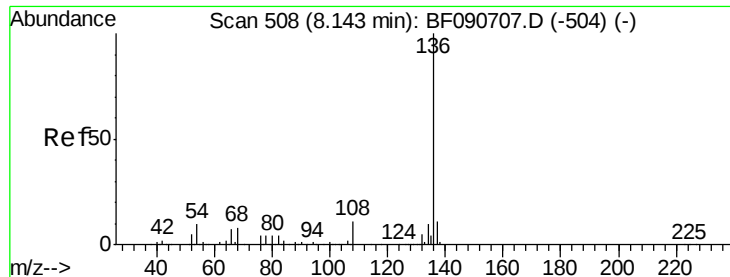
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#20
3+4-Methylphenols
Concen: 37.56 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	74.6	114.6
77	127.7	0.7	40.7#
79	26.6	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: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

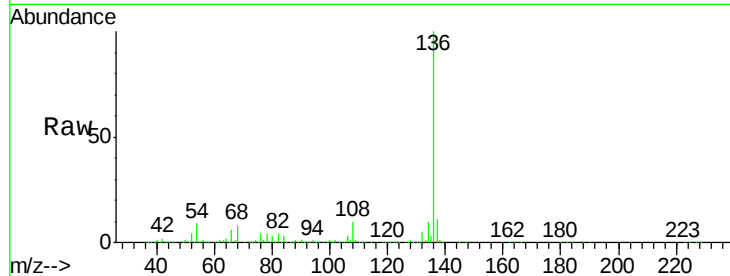
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	982232		
137	11.4	9.0	13.6	
54	9.0	8.2	12.2	
68	8.1	5.8	8.6	

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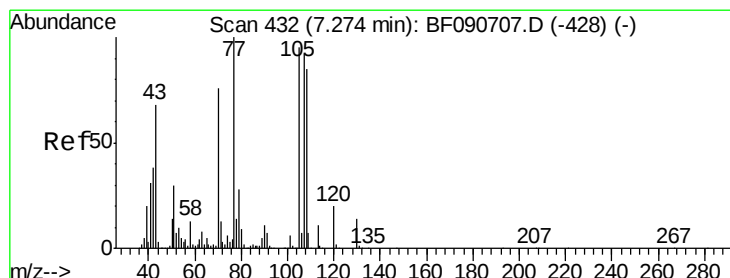
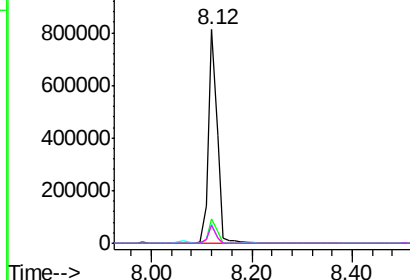
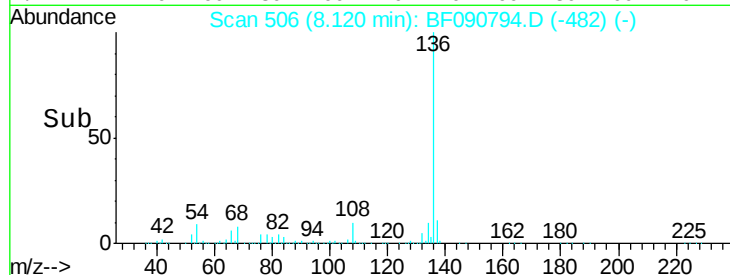
Abundance

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: 38.54 ng

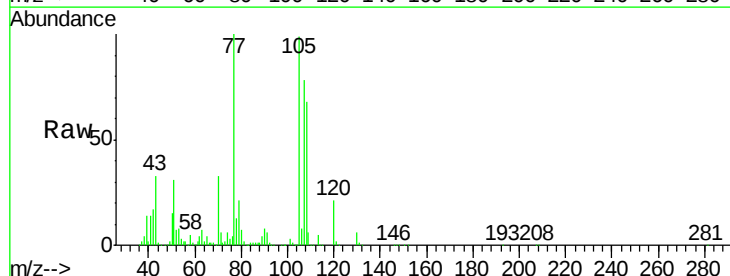
RT: 7.25 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	843658		
71	5.6	4.7	7.1	
51	31.7	22.0	33.0	
120	21.7	30.1	45.1	#



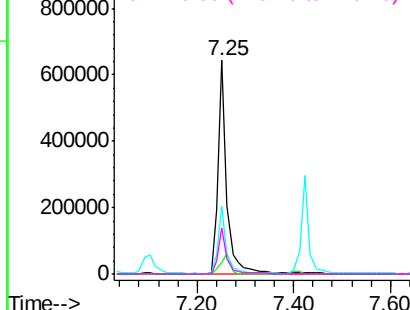
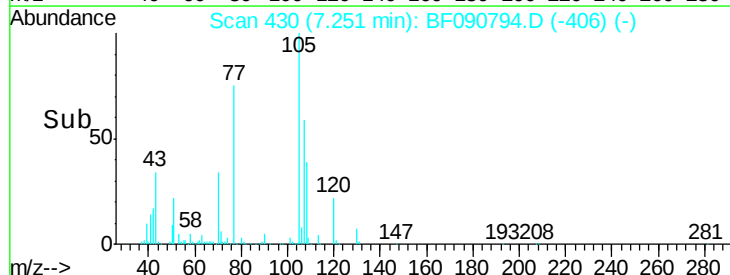
Abundance

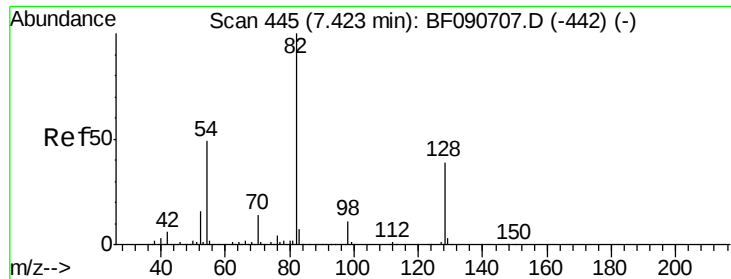
Ion 105.00 (104.70 to 105.70): E

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





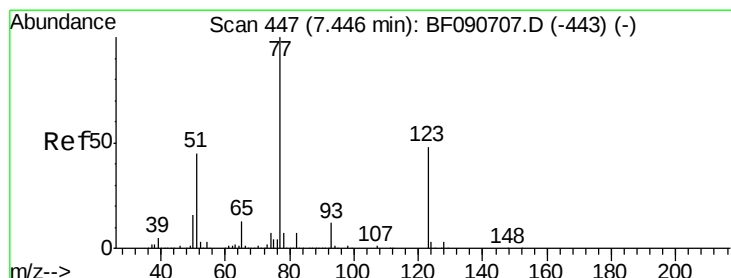
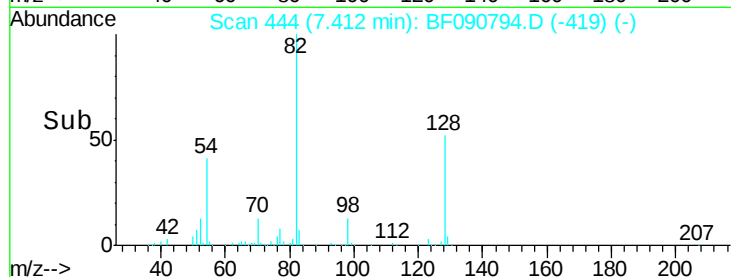
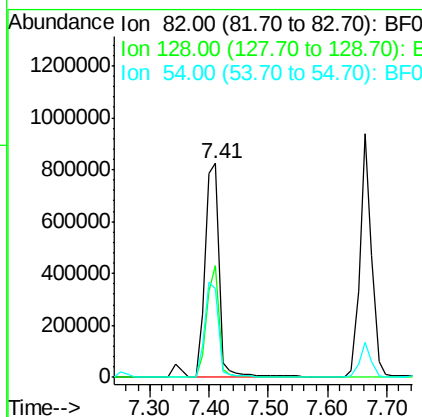
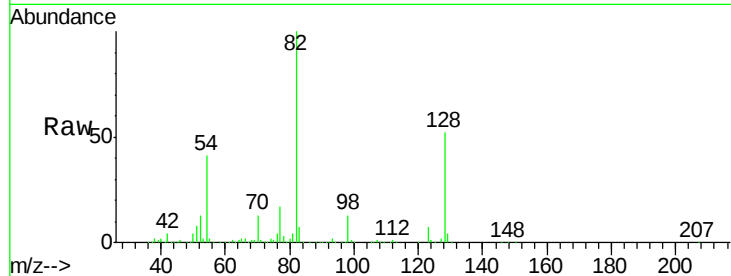
#23
 Nitrobenzene-d5
 Concen: 78.24 ng
 RT: 7.41 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.2	51.0	76.6
54	41.4	47.5	71.3#

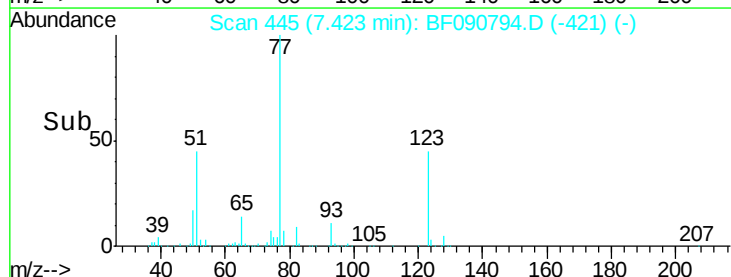
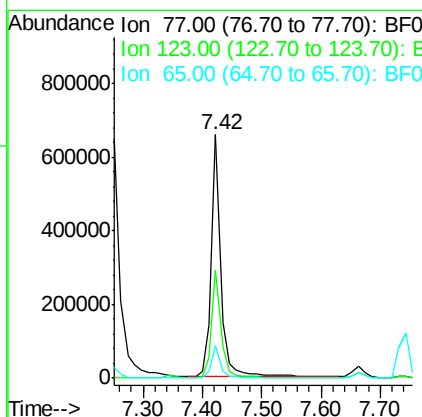
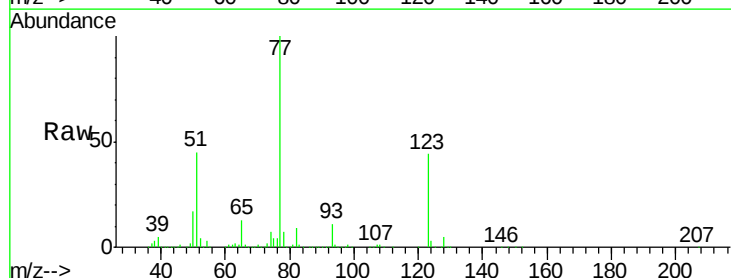
Manual Integrations
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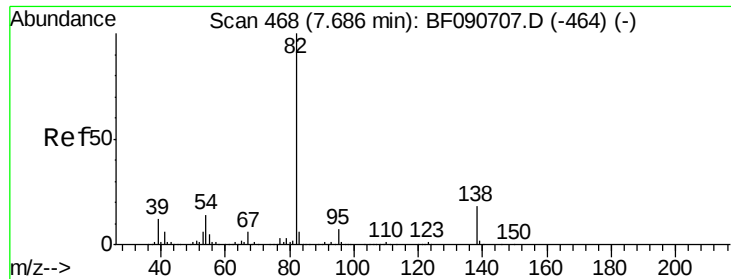
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#24
 Nitrobenzene
 Concen: 37.98 ng
 RT: 7.42 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	59.8	89.8#
65	13.5	10.2	15.4





#25

Isophorone

Concen: 37.02 ng

RT: 7.66 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1255067

Ion Ratio Lower Upper

82 100

95 6.5 4.0 6.0#

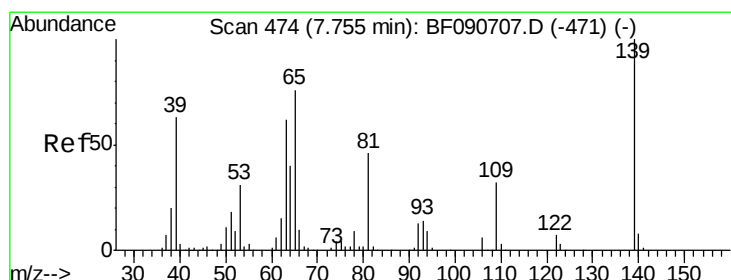
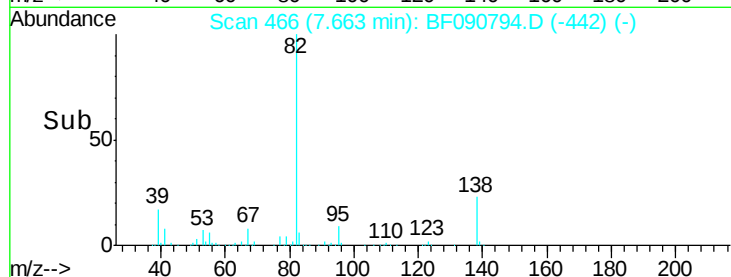
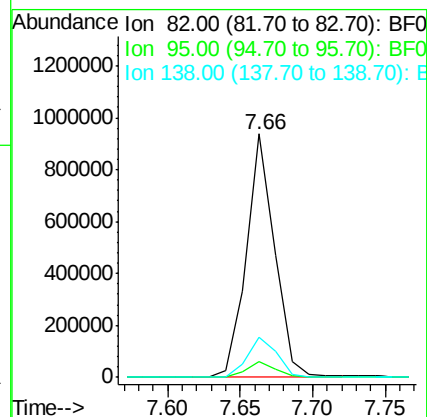
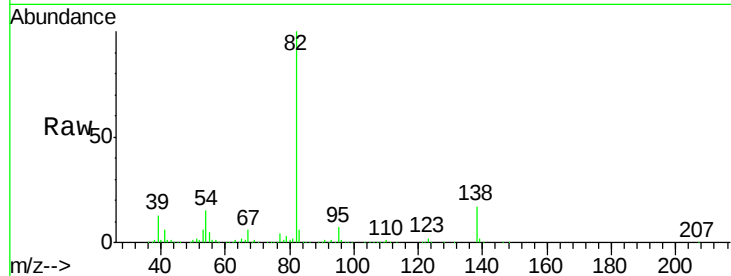
138 16.7 18.3 27.5#

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#26

2-Nitrophenol

Concen: 47.43 ng

RT: 7.74 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

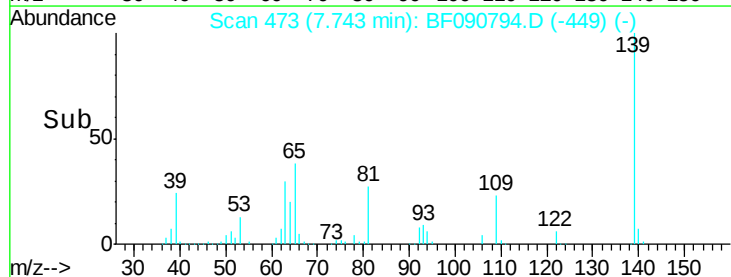
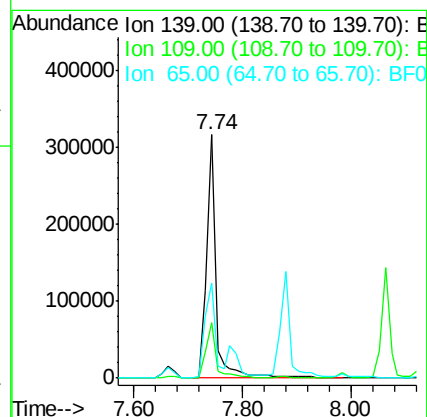
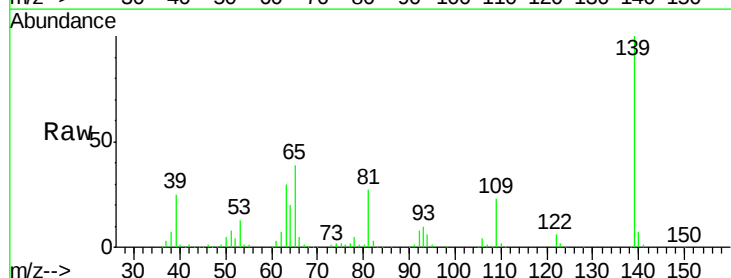
Tgt Ion: 139 Resp: 376174

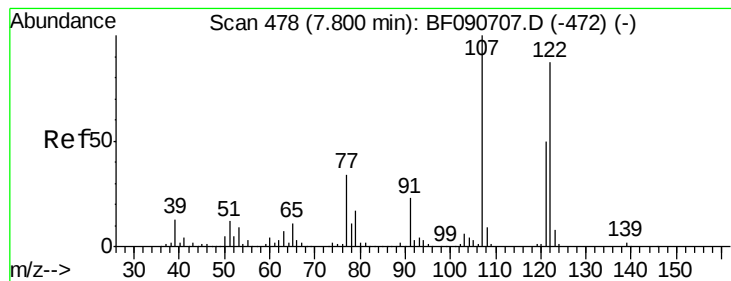
Ion Ratio Lower Upper

139 100

109 22.7 11.0 16.4#

65 38.9 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 41.48 ng

RT: 7.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

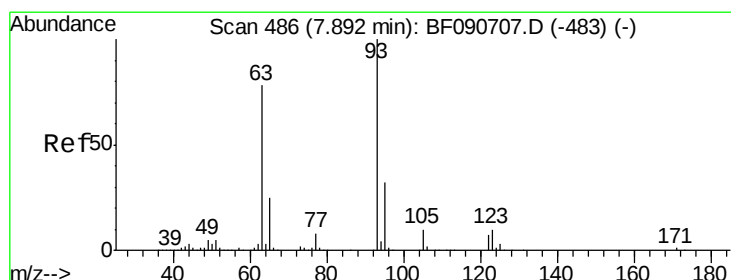
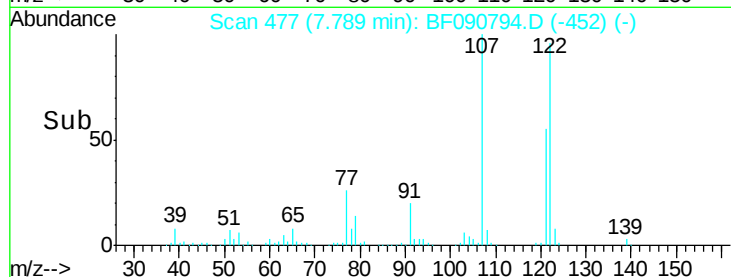
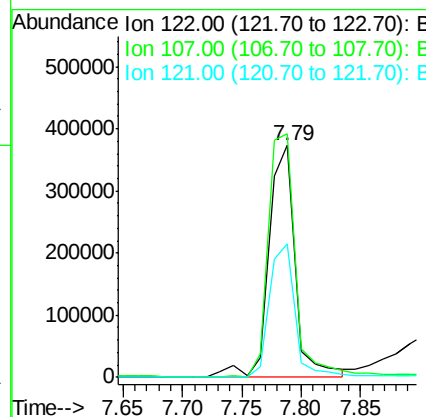
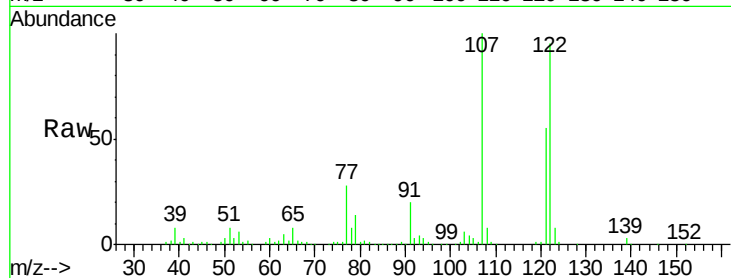
ClientSampleId :

SSTDCCC040EC

Tot Ion:	122	Resp:	583365
Ion Ratio	Lower	Upper	
122	100		
107	105.0	71.8	107.6
121	57.6	42.3	63.5

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#28

bis(2-Chloroethoxy)methane

Concen: 41.51 ng

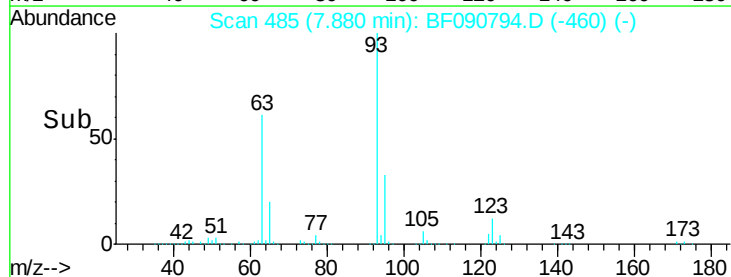
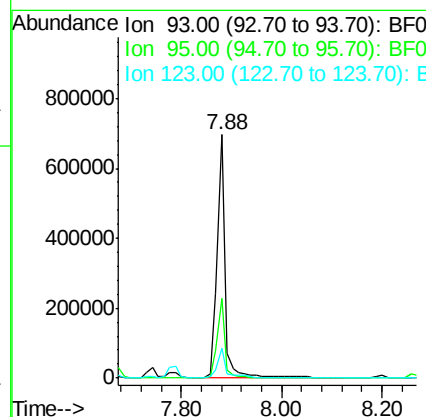
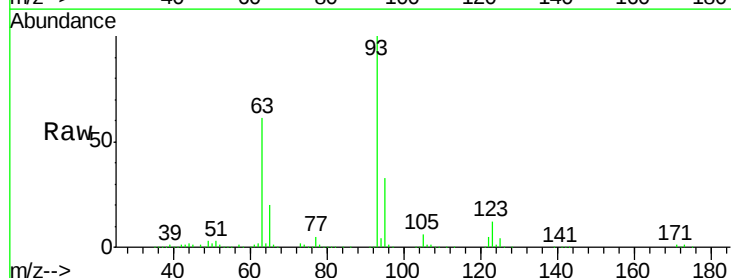
RT: 7.88 min Scan# 485

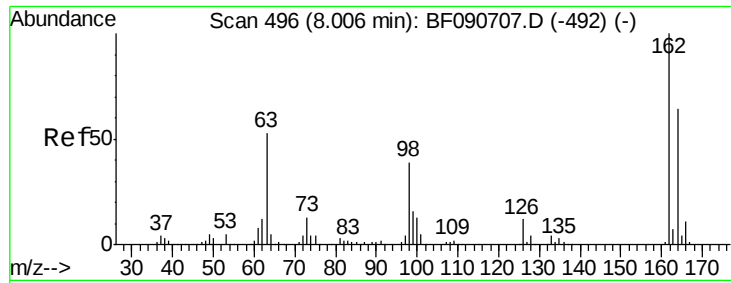
Delta R.T. -0.01 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Tgt Ion:	93	Resp:	769819
Ion Ratio	Lower	Upper	
93	100		
95	33.0	27.5	41.3
123	12.1	13.7	20.5#





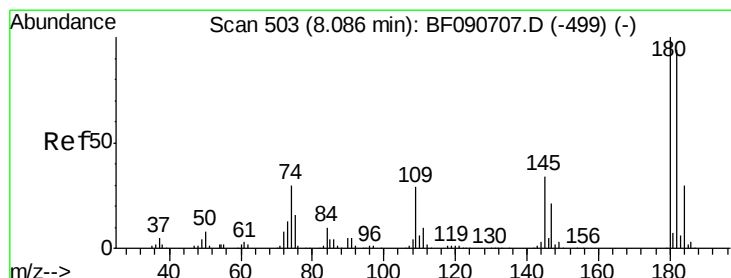
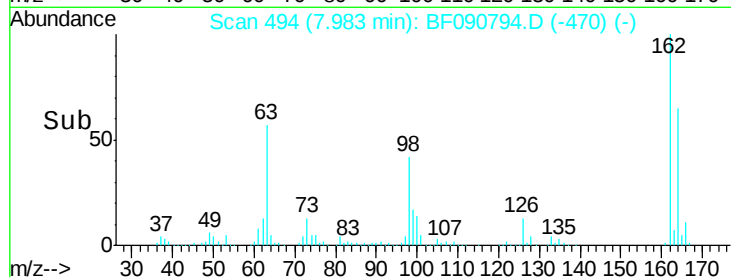
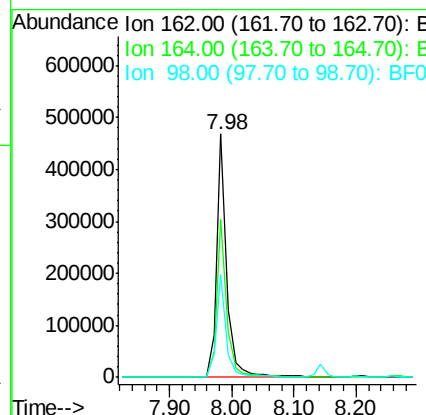
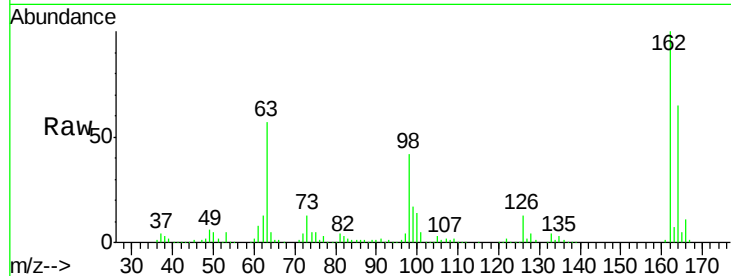
#29
2,4-Dichlorophenol
Concen: 45.52 ng
RT: 7.98 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	525436		
164	64.9		44.9	84.9
98	42.0		13.0	53.0

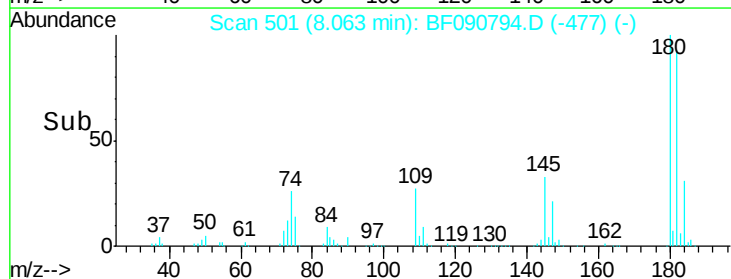
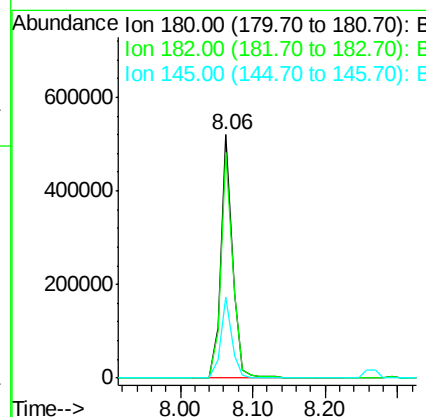
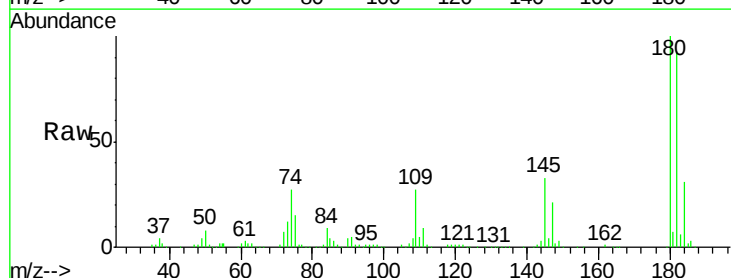
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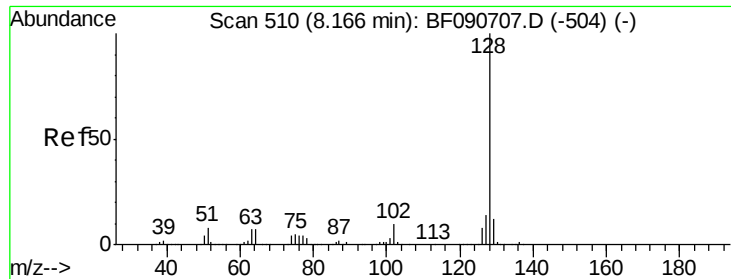
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#30
1,2,4-Trichlorobenzene
Concen: 42.91 ng
RT: 8.06 min Scan# 501
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	582907		
182	92.9		77.1	115.7
145	33.4		23.3	34.9





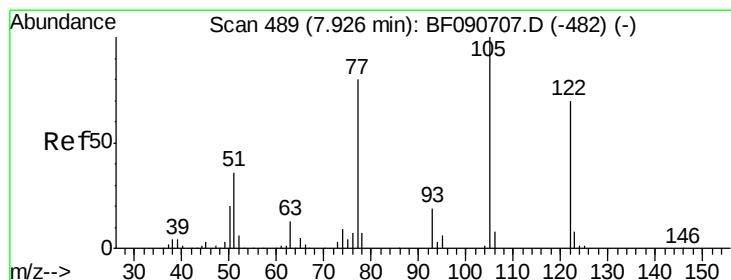
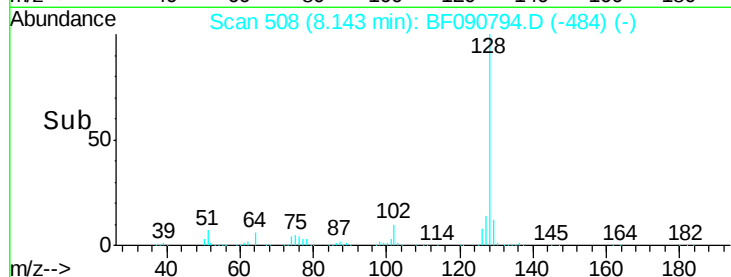
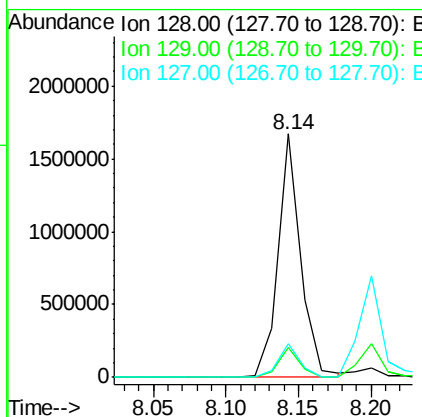
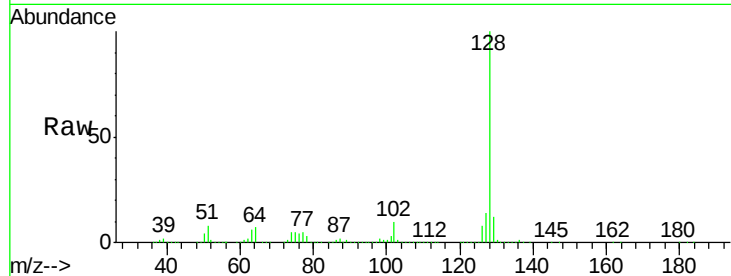
#31
Naphthalene
Concen: 37.44 ng
RT: 8.14 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.4	12.6
127	13.9	9.9	14.9

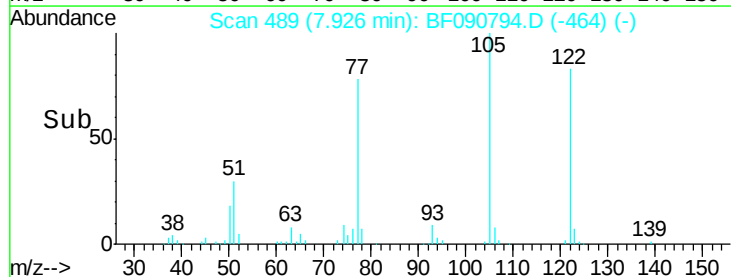
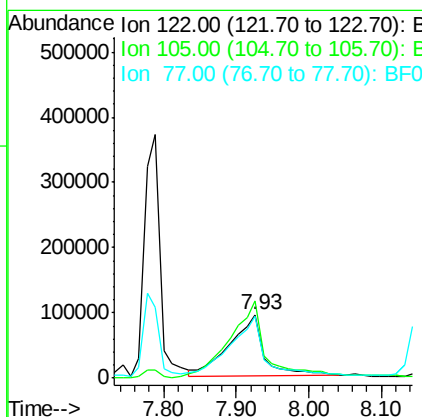
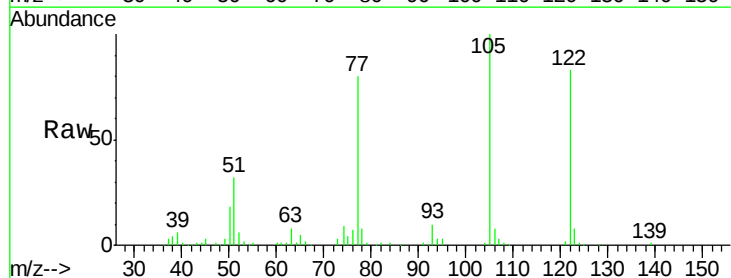
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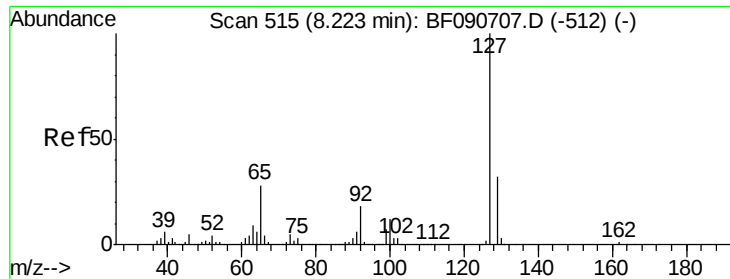
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#32
Benzoic acid
Concen: 34.28 ng
RT: 7.93 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.1	76.1	116.1#
77	97.5	40.5	80.5#





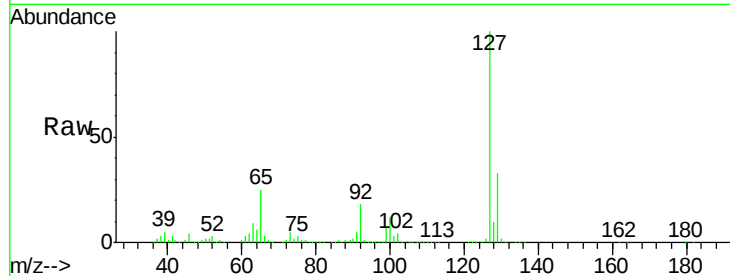
#33
4-Chloroaniline
Concen: 47.27 ng
RT: 8.20 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

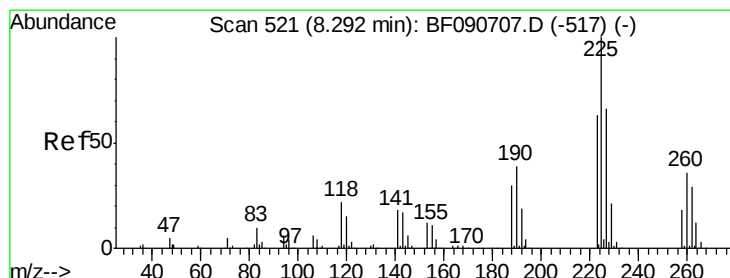
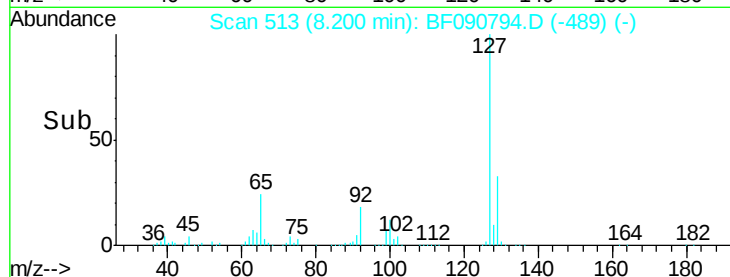
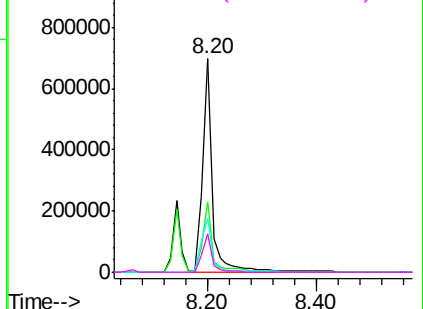
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		842263		
129	33.0	25.8	38.6		
65	25.3	17.9	26.9		
92	18.0	10.5	15.7		

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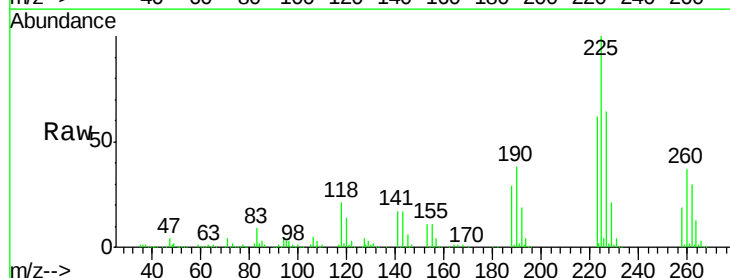


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

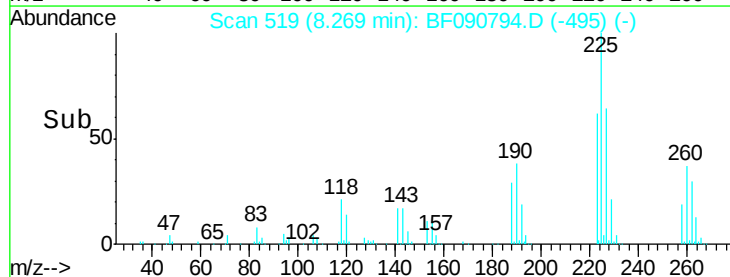
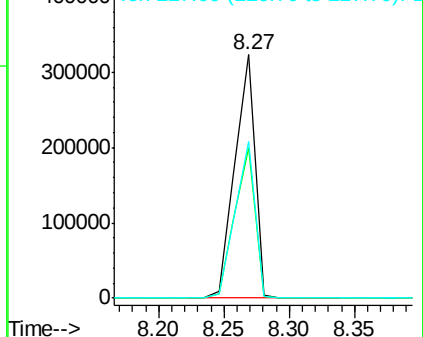


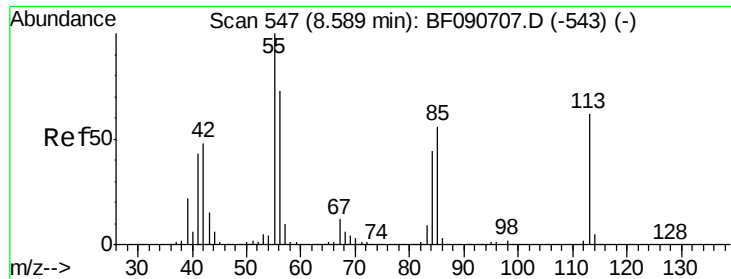
#34
Hexachlorobutadiene
Concen: 45.08 ng
RT: 8.27 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		344287		
223	61.9	50.2	75.2		
227	64.5	52.2	78.2		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 45.03 ng/ml

RT: 8.58 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

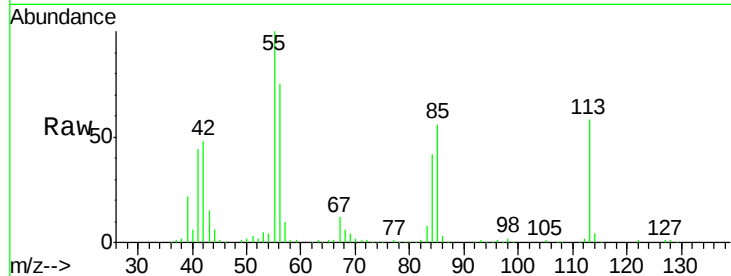
ClientSampleId :

SSTDCCC040EC

Tot Ion:	113	Resp:	148444
Ion Ratio	Lower	Upper	
113	100		
55	172.9	152.4	192.4
56	130.0	104.6	144.6

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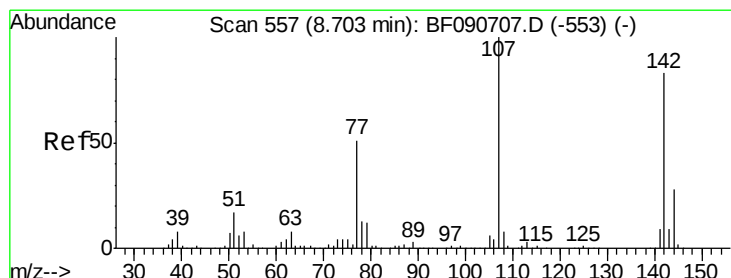
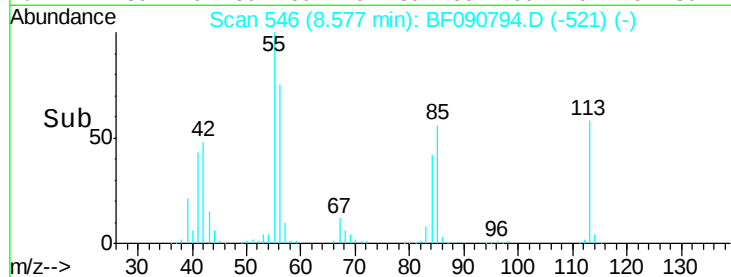
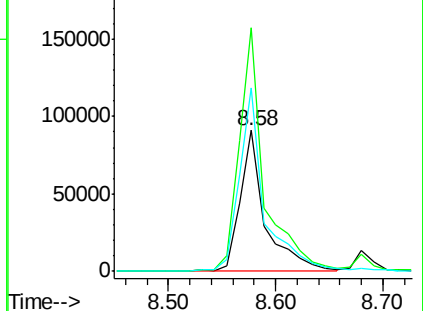
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.11 ng/ml

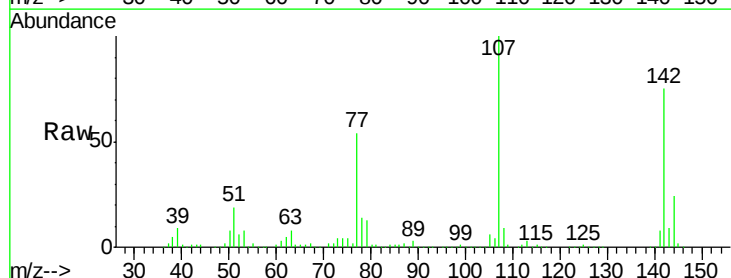
RT: 8.68 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

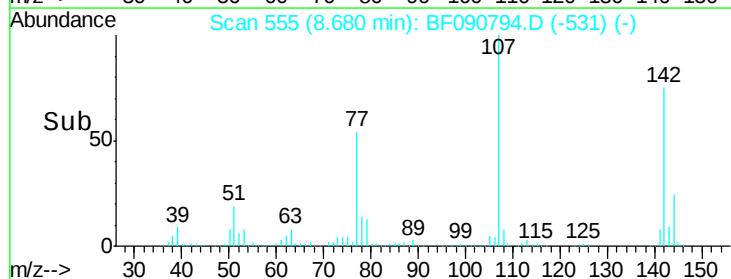
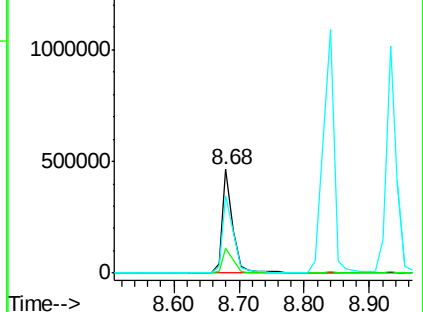
Tgt Ion:	107	Resp:	538465
Ion Ratio	Lower	Upper	
107	100		
144	24.4	25.4	38.0#
142	75.0	77.3	115.9#

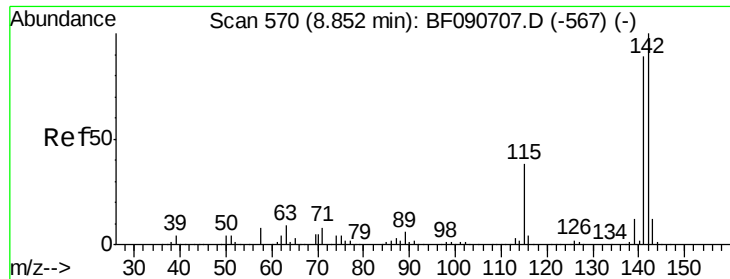


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





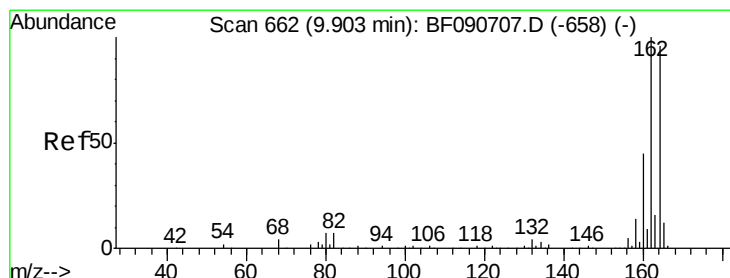
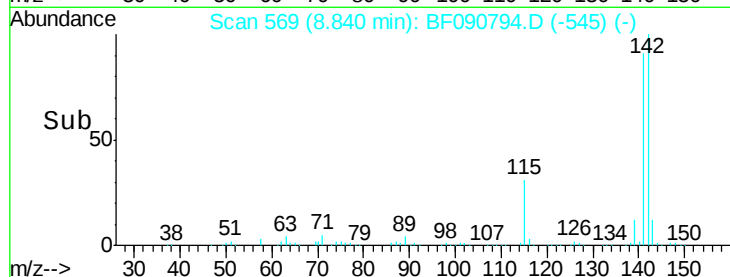
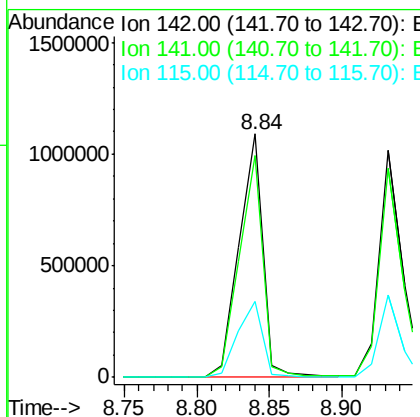
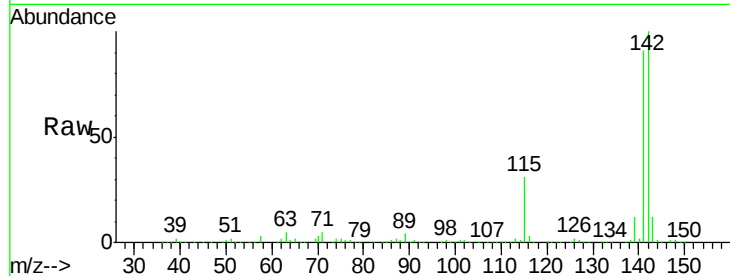
#37
2-Methylnaphthalene
Concen: 44.47 ng
RT: 8.84 min Scan# 569
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	67.5	101.3
115	31.2	18.2	27.2

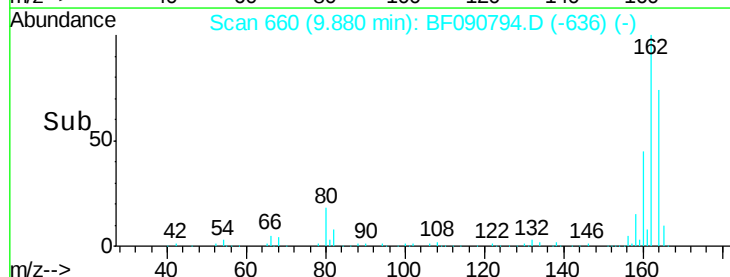
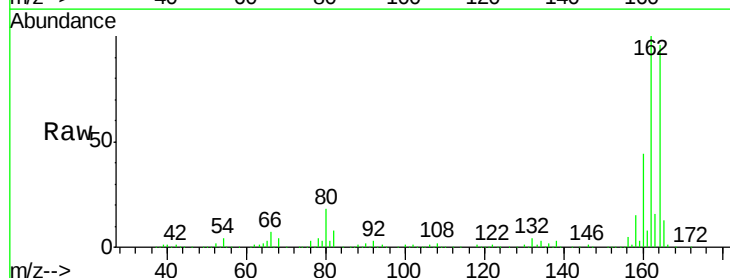
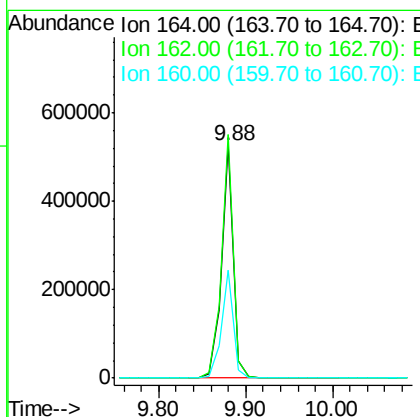
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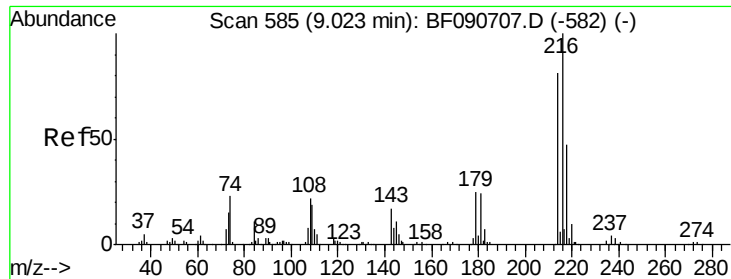
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	75.2	112.8
160	46.2	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.69 ng

RT: 9.00 min Scan# 583

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

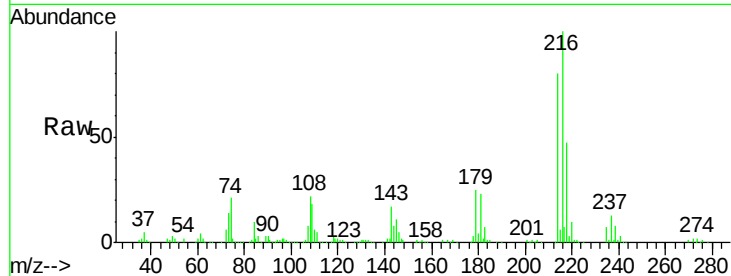
ClientSampleId :

SSTDCCC040EC

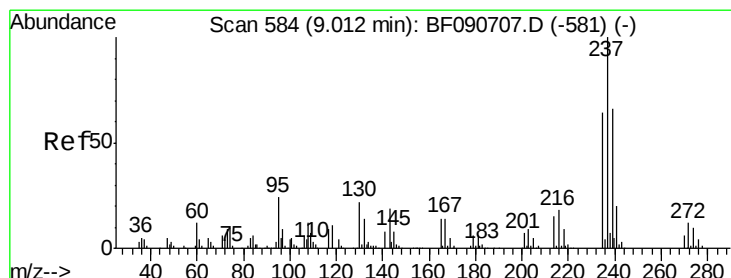
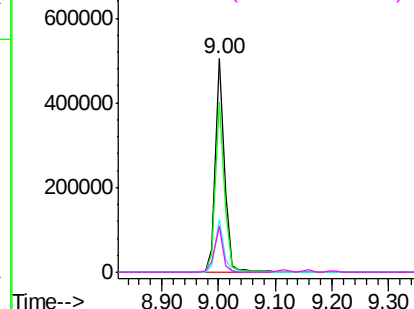
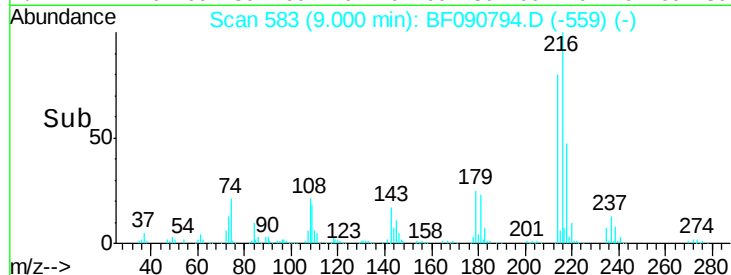
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		545576		
214	79.5		63.5	95.3	
179	22.6		16.6	24.8	
108	19.6		16.3	24.5	

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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: 36.10 ng

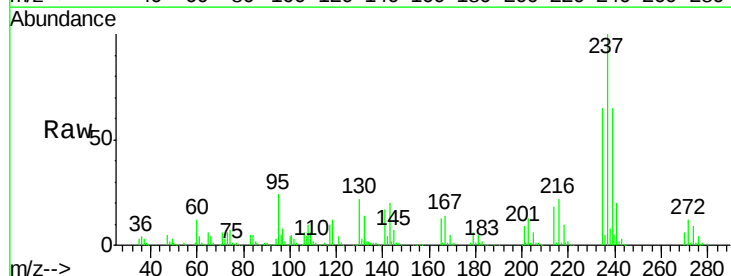
RT: 8.99 min Scan# 582

Delta R.T. -0.02 min

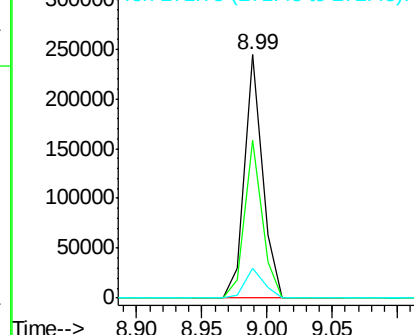
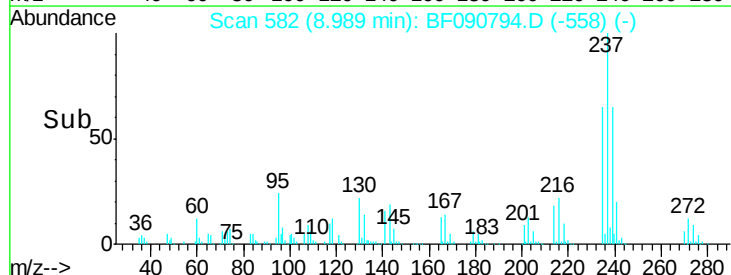
Lab File: BF090794.D

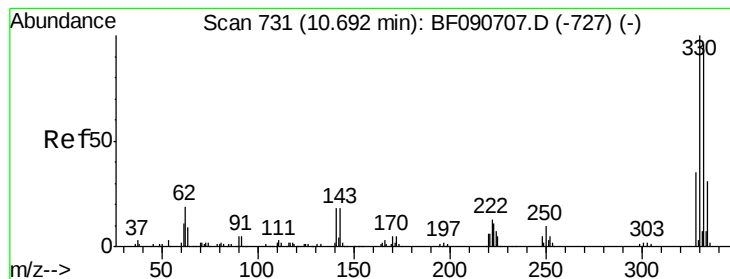
Acq: 24 Oct 2016 18:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		232985		
235	64.6		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





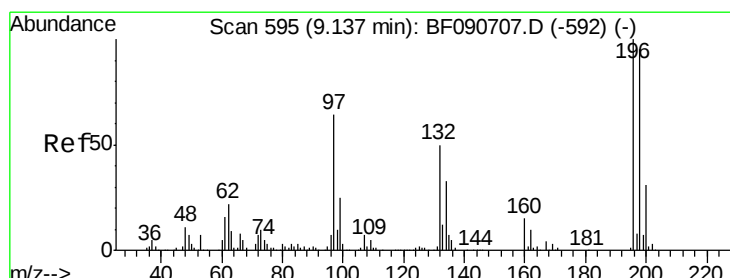
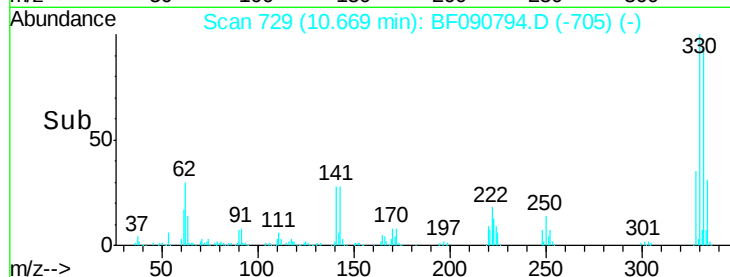
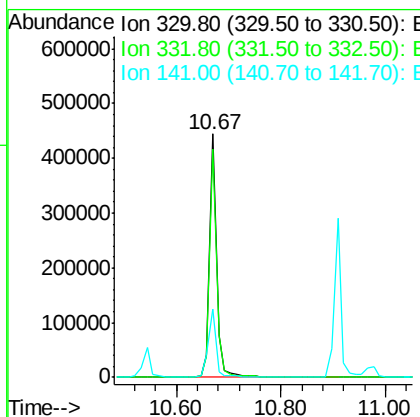
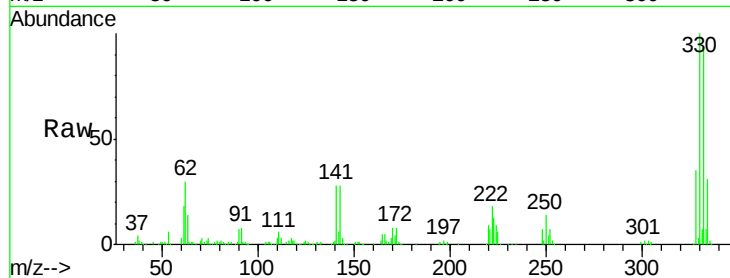
#41
 2,4,6-Tribromophenol
 Concen: 103.40 ng
 RT: 10.67 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	114.8
141	30.5	29.7	44.5

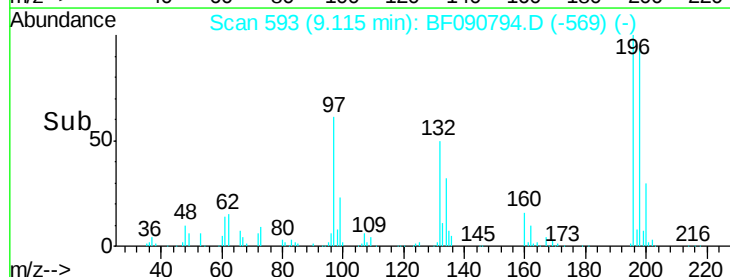
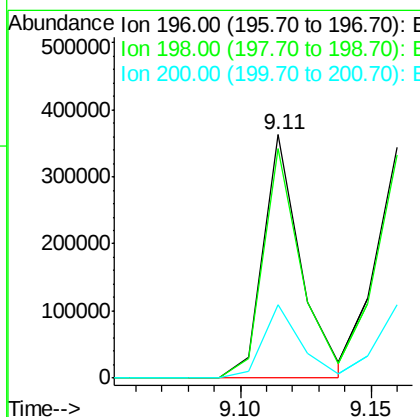
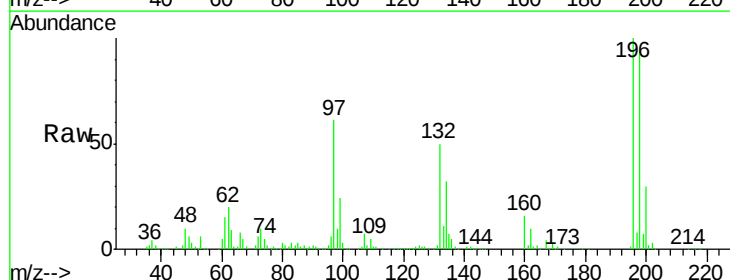
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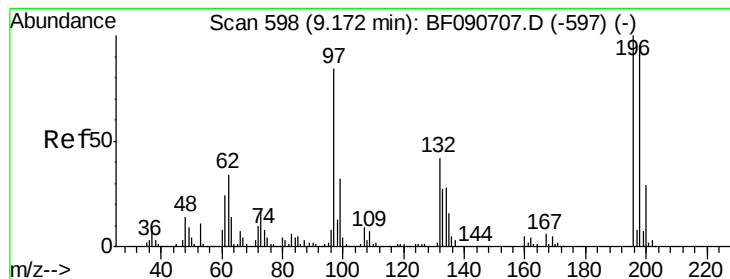
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#42
 2,4,6-Trichlorophenol
 Concen: 42.73 ng
 RT: 9.11 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.7	113.5
200	30.2	23.9	35.9





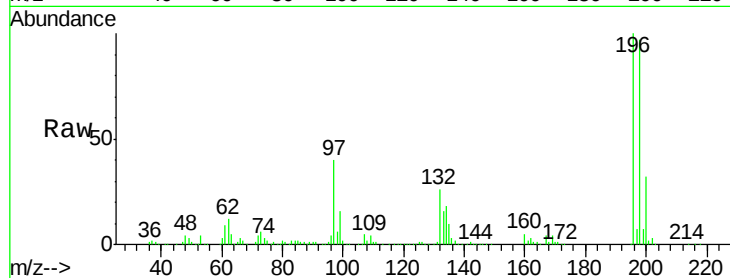
#43
2,4,5-Trichlorophenol
Concen: 44.05 ng
RT: 9.16 min Scan# 597
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

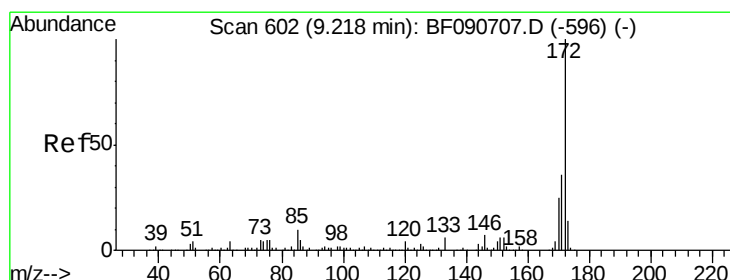
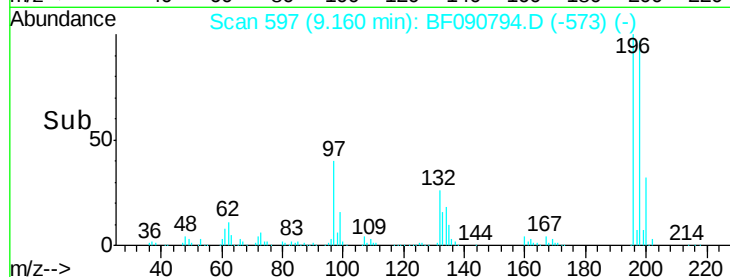
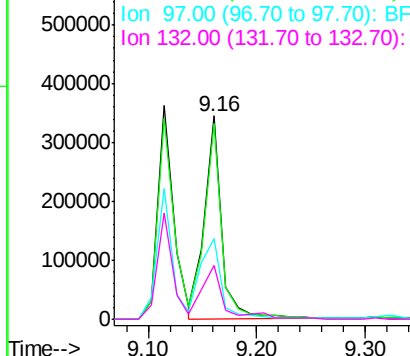
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		381119		
198	96.7	75.4	113.0		
97	40.0	33.3	49.9		
132	26.3	24.6	37.0		

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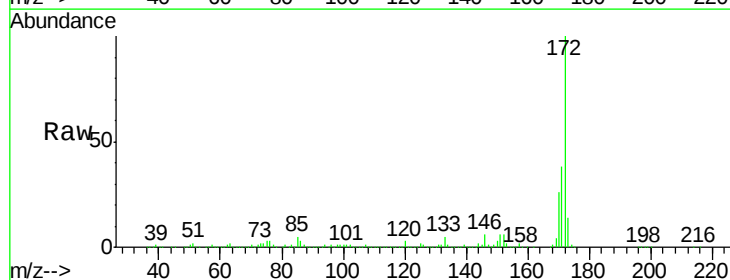


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

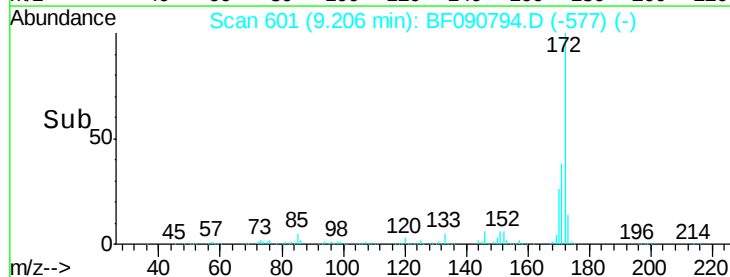
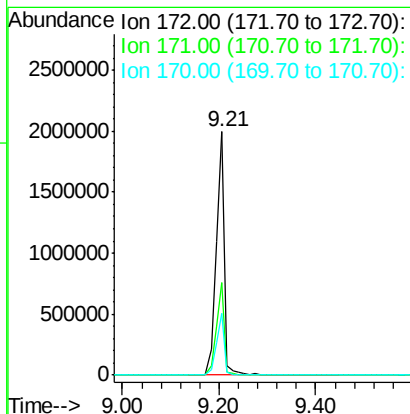


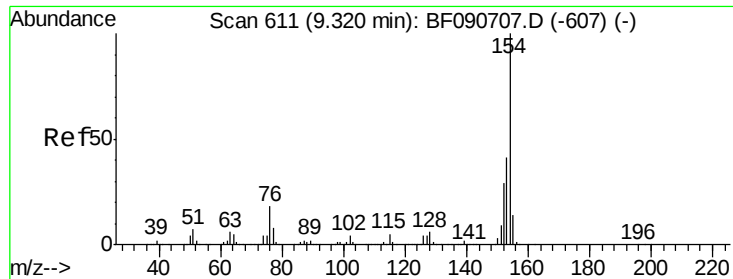
#44
2-Fluorobiphenyl
Concen: 73.41 ng
RT: 9.21 min Scan# 601
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2407430		
171	37.8	26.1	39.1		
170	25.6	17.4	26.2		



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





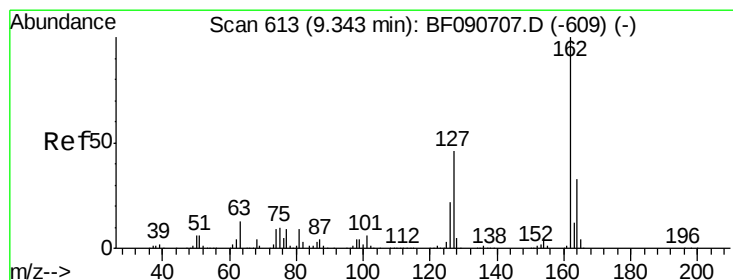
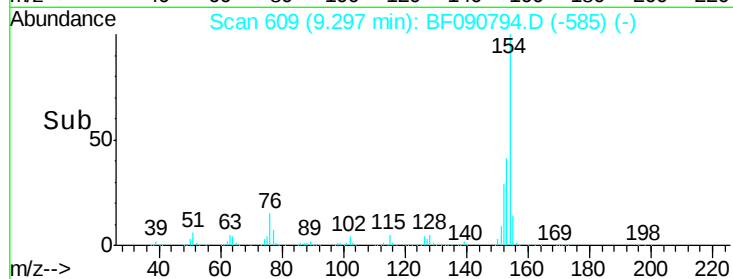
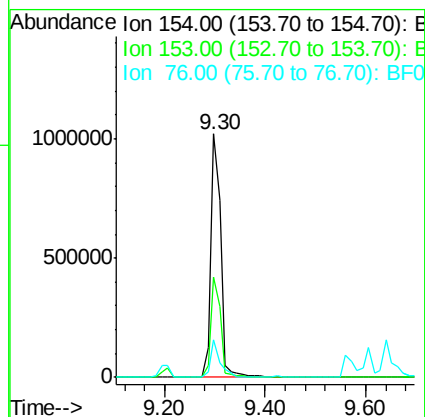
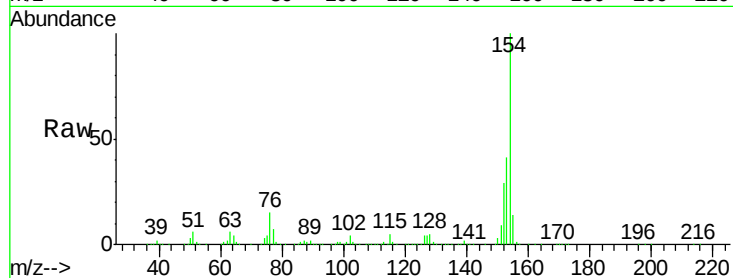
#45
 1,1'-Biphenyl
 Concen: 35.07 ng
 RT: 9.30 min Scan# 609
 Delta R.T. -0.02 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	17.1	57.1
76	15.4	0.0	31.6

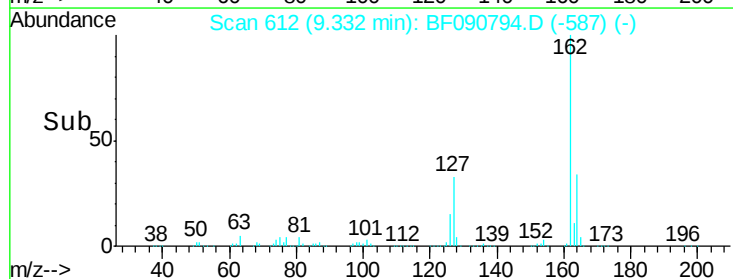
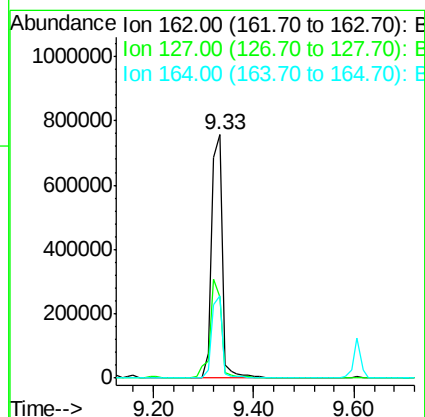
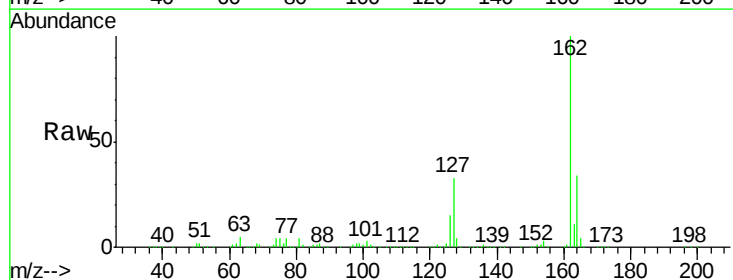
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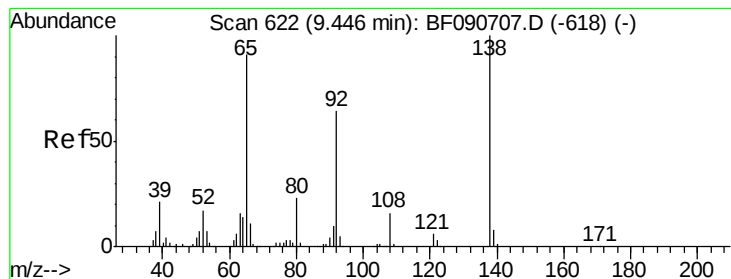
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#46
 2-Chloronaphthalene
 Concen: 38.16 ng
 RT: 9.33 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.3	27.6	41.4
164	33.7	25.4	38.2





#47

2-Nitroaniline

Concen: 32.76 ng

RT: 9.42 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 65 Resp: 323158

Ion Ratio Lower Upper

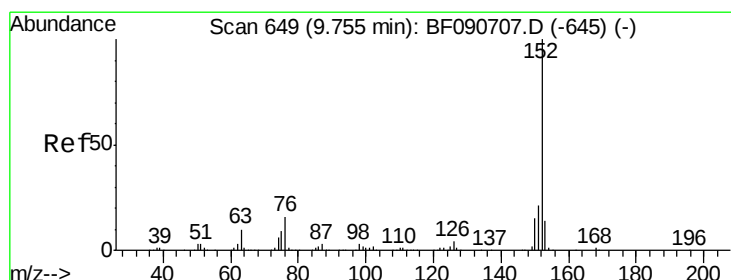
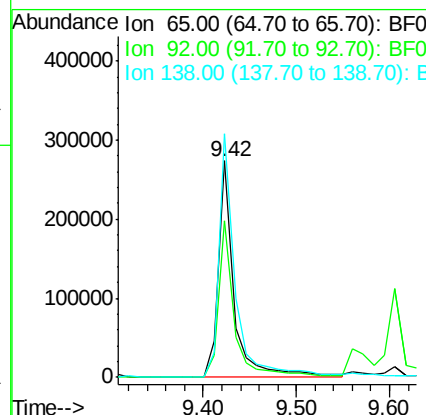
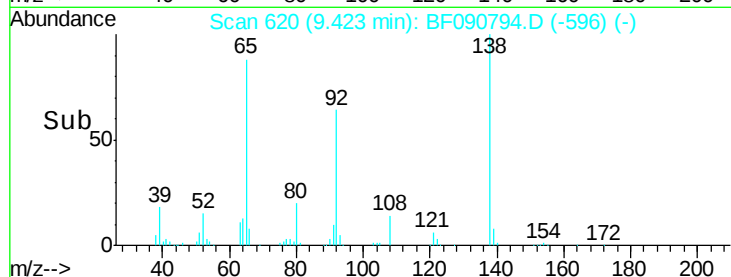
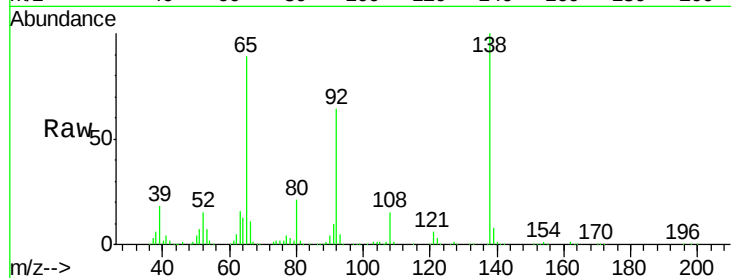
65 100

92 72.5 55.4 83.0

138 112.5 115.5 173.3#

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#48

Acenaphthylene

Concen: 38.87 ng

RT: 9.74 min Scan# 648

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

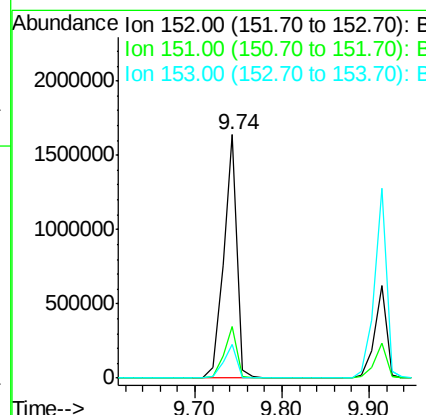
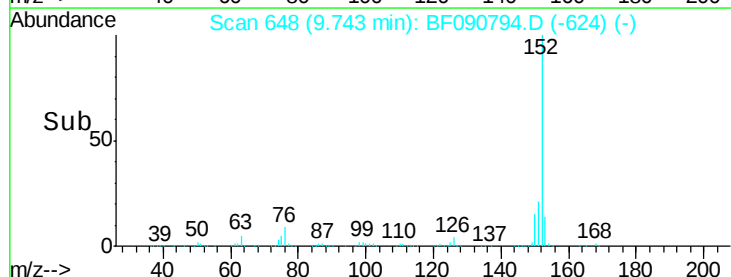
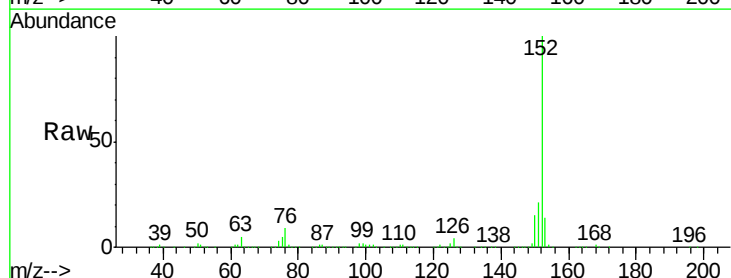
Tgt Ion: 152 Resp: 1762339

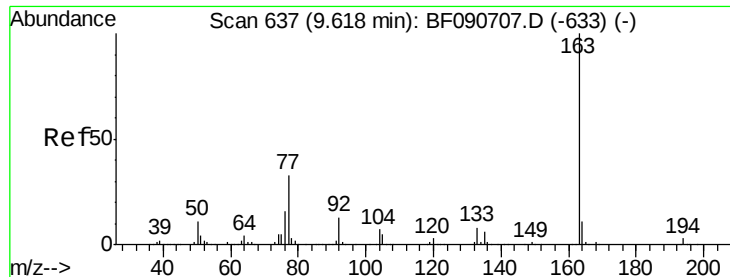
Ion Ratio Lower Upper

152 100

151 21.1 14.6 22.0

153 14.0 10.3 15.5





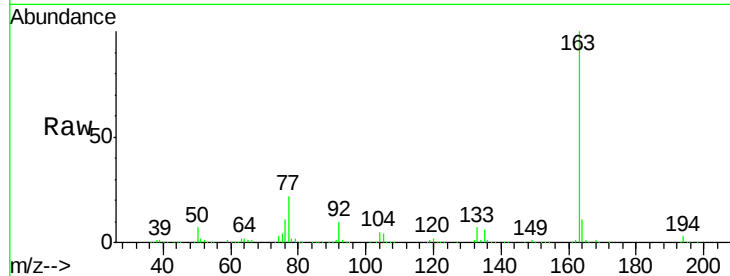
#49
Dimethylphthalate
Concen: 37.20 ng
RT: 9.61 min Scan# 636
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

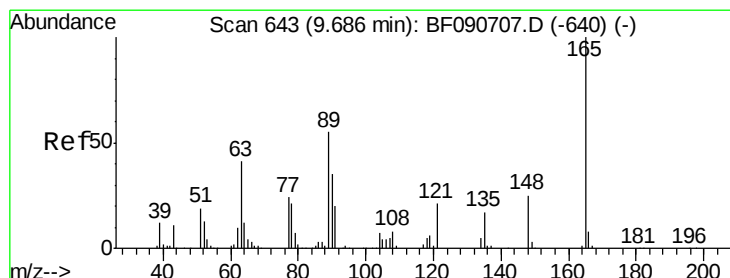
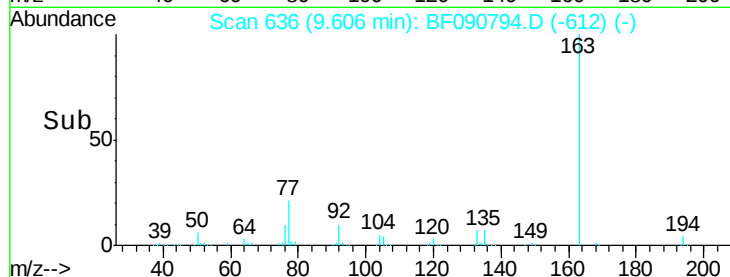
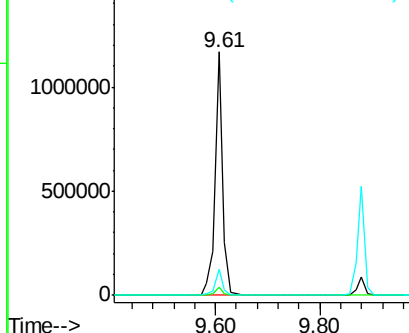
Tot Ion:163 Resp: 1190080
Ion Ratio Lower Upper
163 100
194 3.5 4.4 6.6#
164 10.8 8.3 12.5

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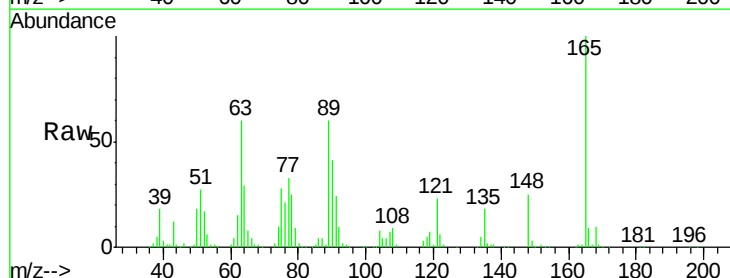


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

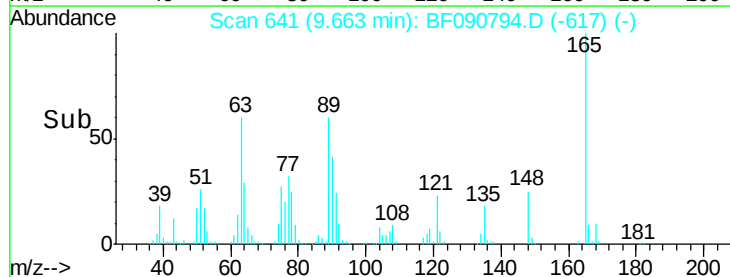
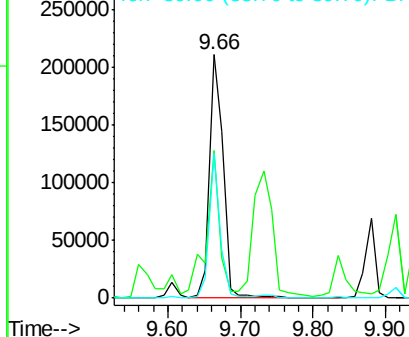


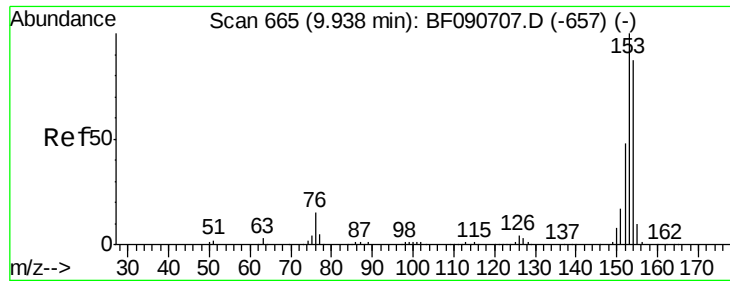
#50
2,6-Dinitrotoluene
Concen: 40.32 ng
RT: 9.66 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion:165 Resp: 277392
Ion Ratio Lower Upper
165 100
63 60.4 32.3 48.5#
89 59.7 28.6 43.0#



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





#51

Acenaphthene

Concen: 37.50 ng

RT: 9.91 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1128884

Ion Ratio Lower Upper

154 100

153 114.1 82.1 123.1

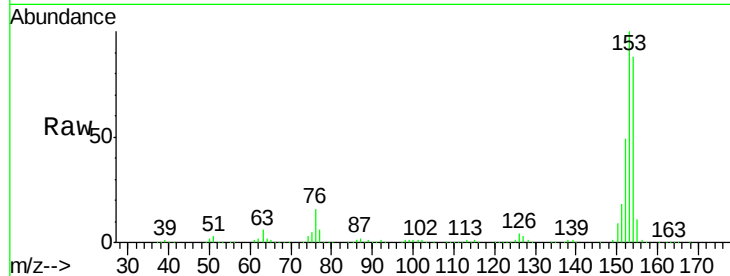
152 55.4 37.9 56.9

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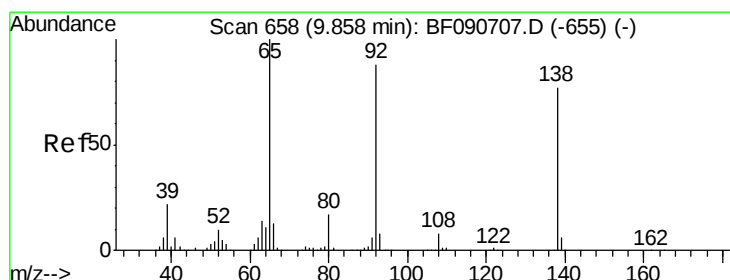
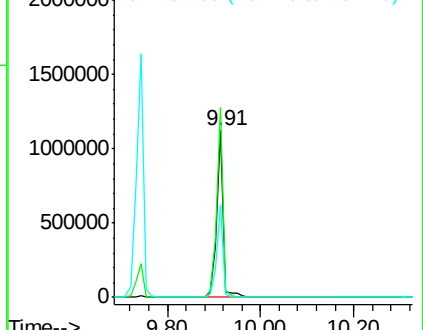
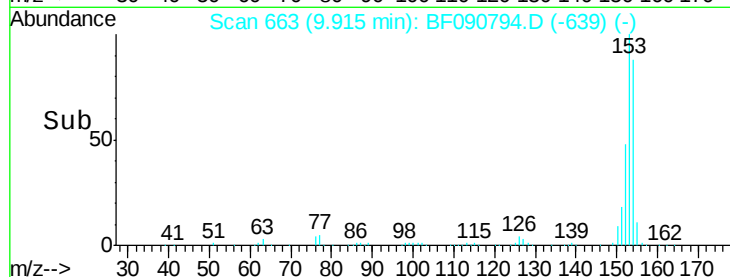
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.02 ng

RT: 9.83 min Scan# 656

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

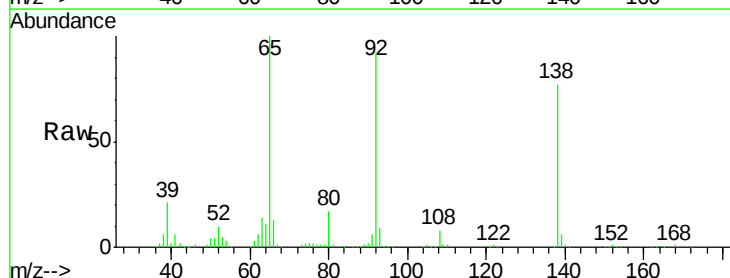
Tgt Ion:138 Resp: 300615

Ion Ratio Lower Upper

138 100

108 10.3 5.7 8.5#

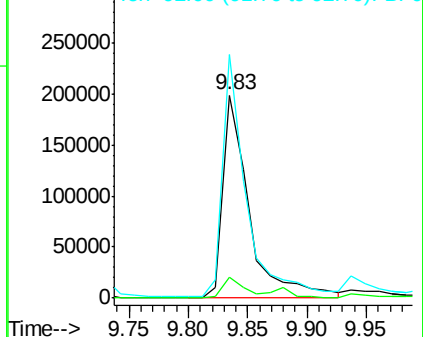
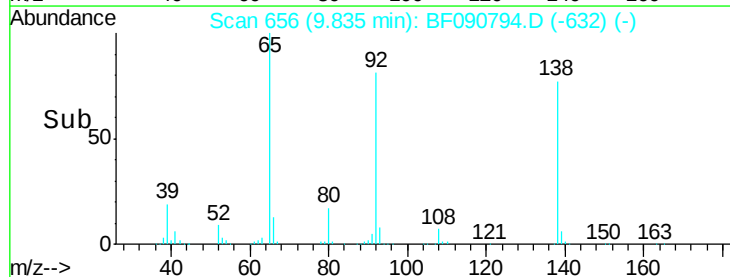
92 120.1 67.7 101.5#

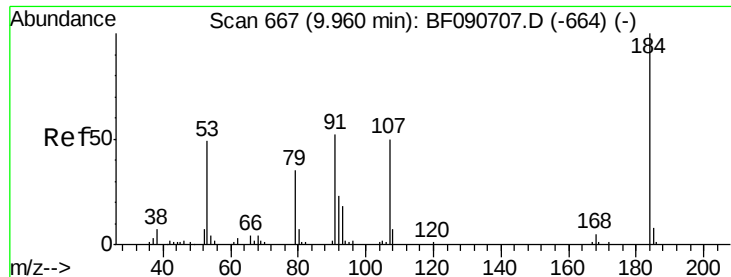


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





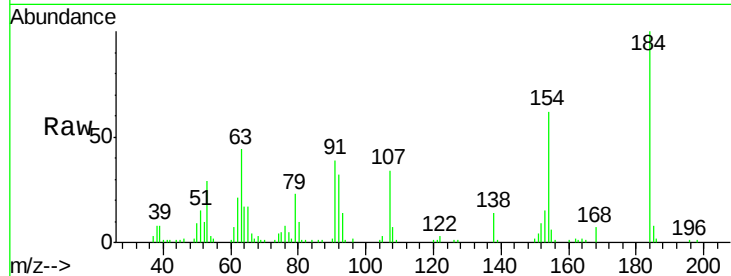
#53
2,4-Dinitrophenol
Concen: 35.42 ng
RT: 9.95 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

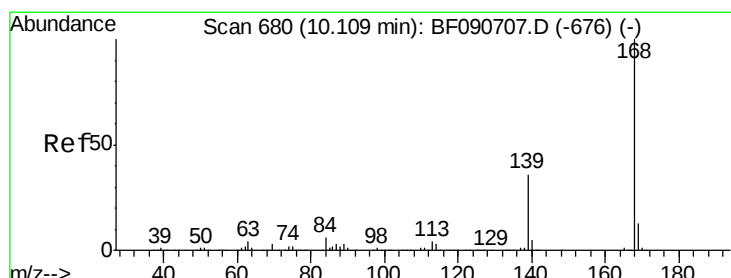
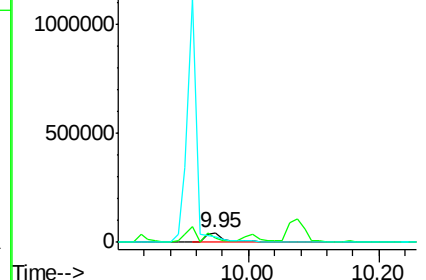
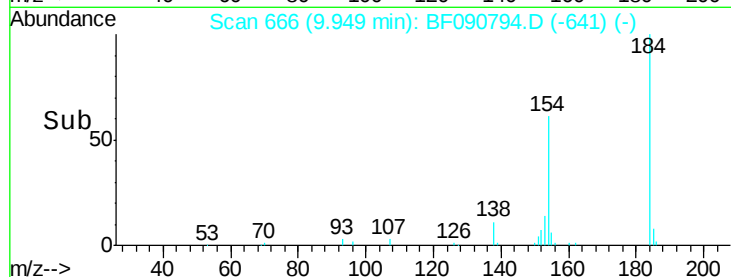
Tot Ion	Ratio	Lower	Upper
184	100		
63	44.0	35.4	53.2
154	62.2	32.2	48.4

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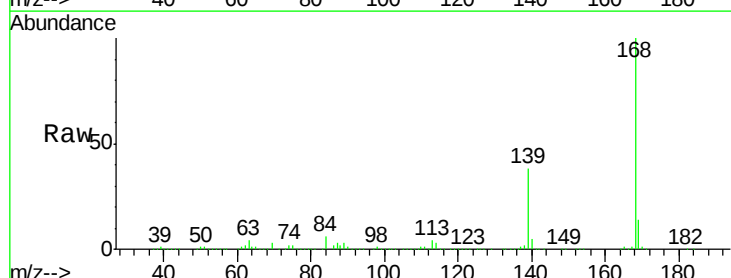


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

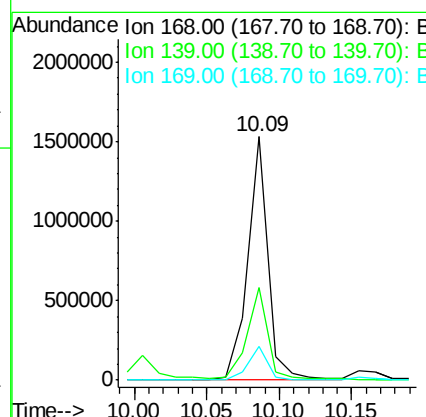
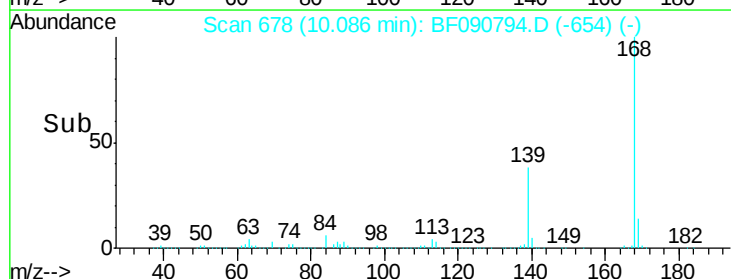


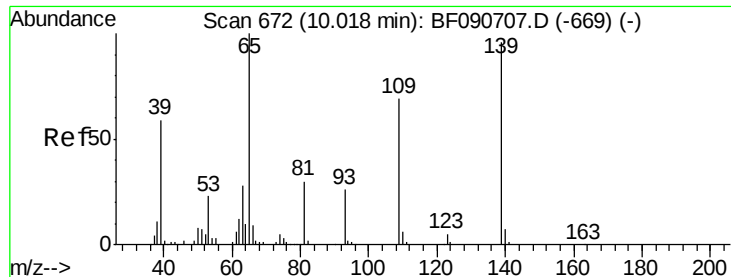
#54
Dibenzofuran
Concen: 40.84 ng
RT: 10.09 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.2	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





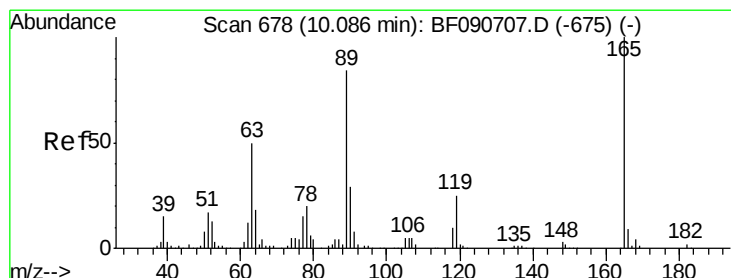
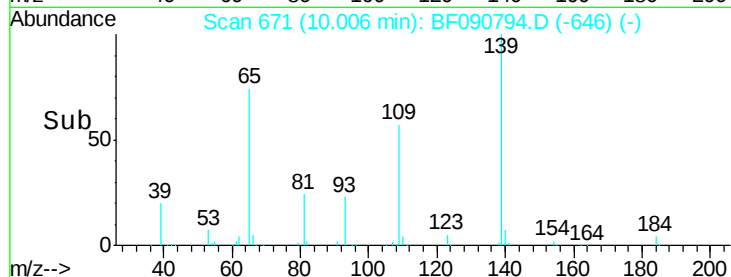
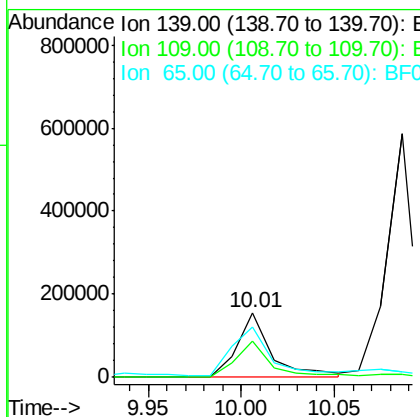
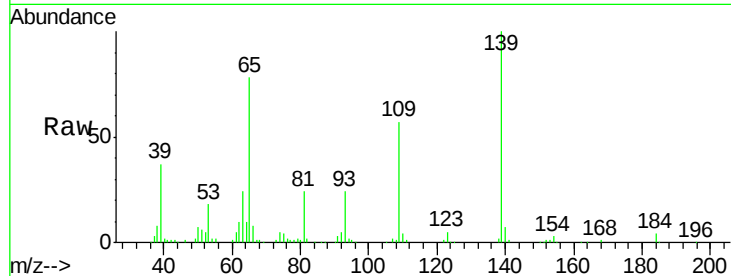
#55
4-Nitrophenol
Concen: 44.16 ng
RT: 10.01 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
139	100	200593		
109	56.9	12.7	52.7#	
65	77.6	45.9	85.9	

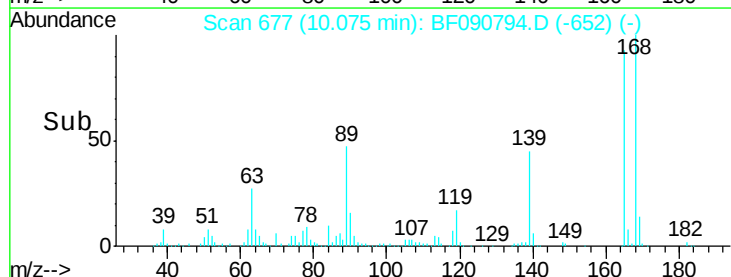
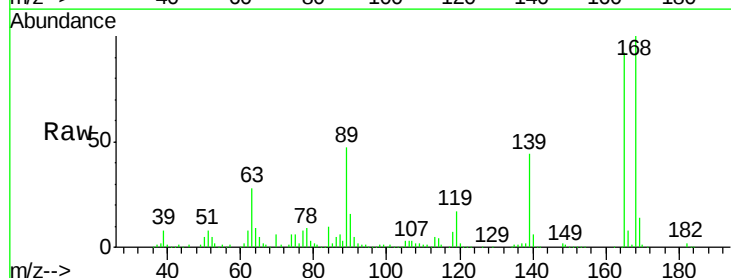
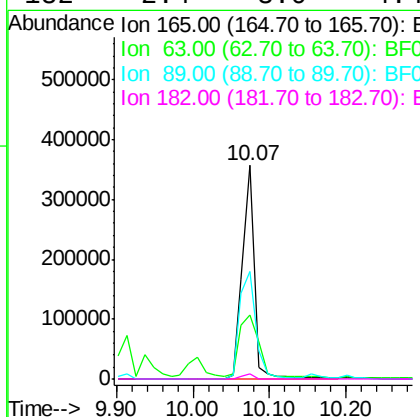
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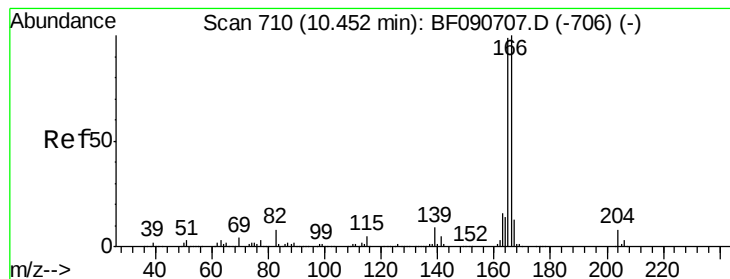
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#56
2,4-Dinitrotoluene
Concen: 47.50 ng
RT: 10.07 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	399376		
63	30.1	29.8	44.6	
89	50.6	44.5	66.7	
182	2.4	3.0	4.4#	





#57

Fluorene

Concen: 41.62 ng

RT: 10.43 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 1257657

Ion Ratio Lower Upper

166 100

165 99.4 72.6 109.0

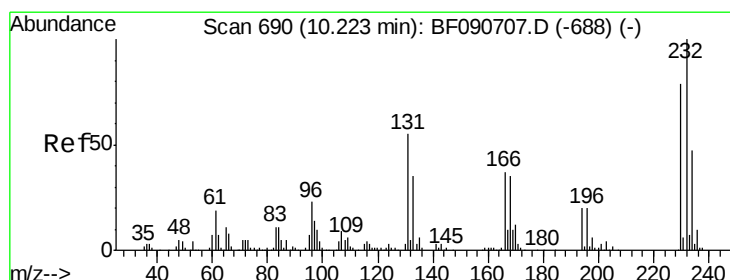
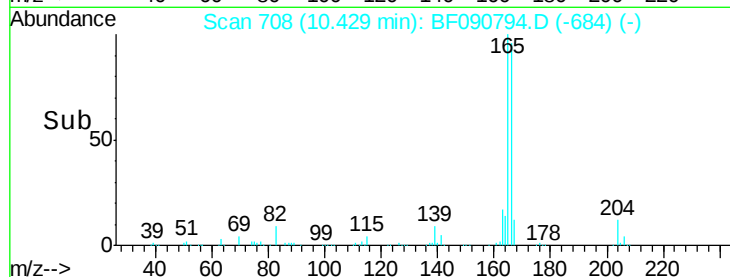
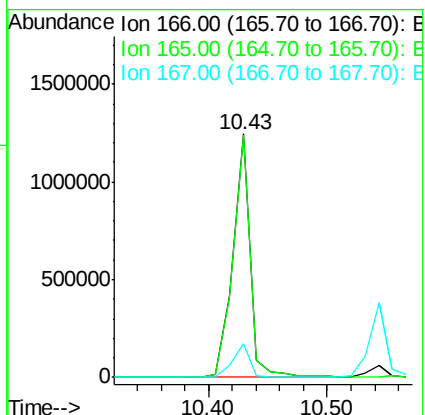
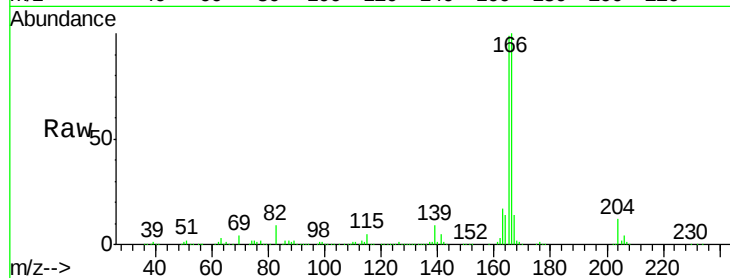
167 13.6 10.6 16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.73 ng

RT: 10.20 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Tgt Ion:232 Resp: 303668

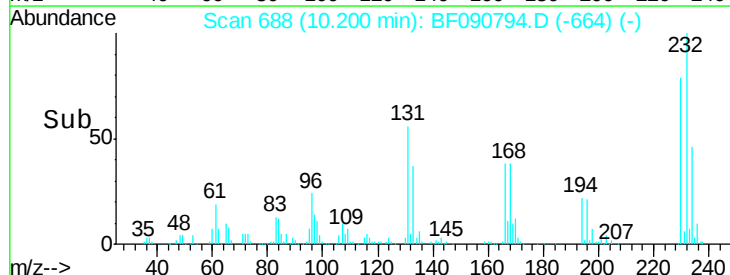
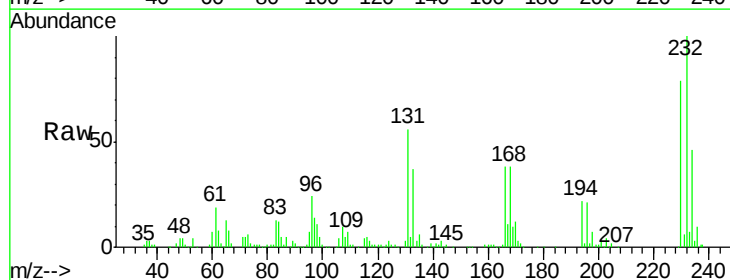
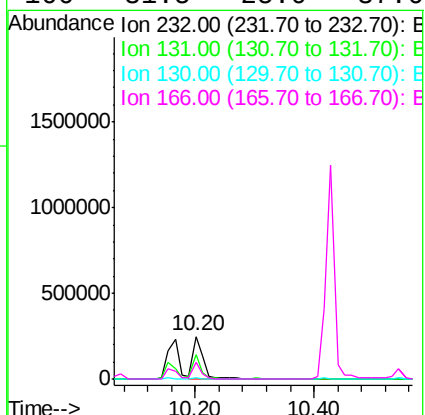
Ion Ratio Lower Upper

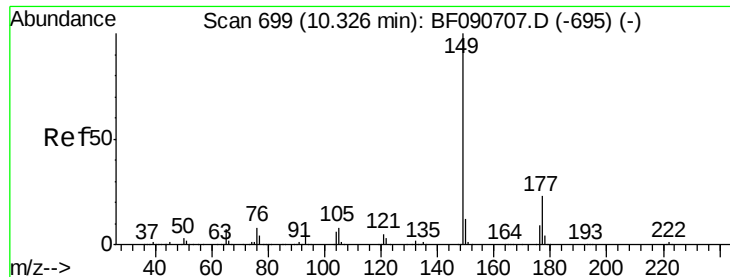
232 100

131 46.4 38.5 57.7

130 2.1 1.8 2.6

166 31.5 25.0 37.6





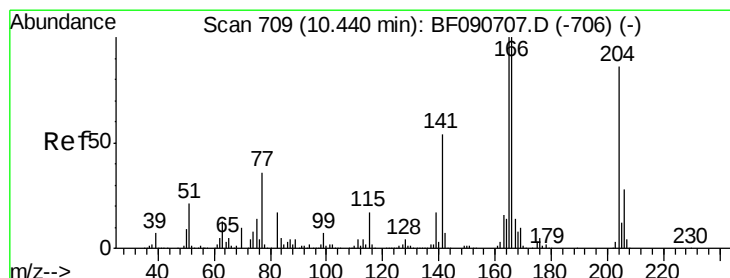
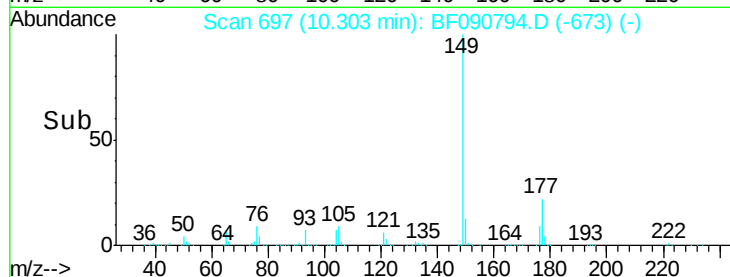
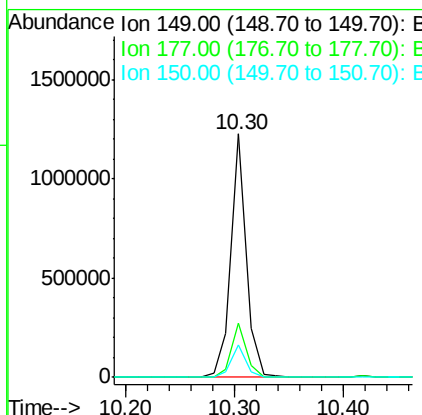
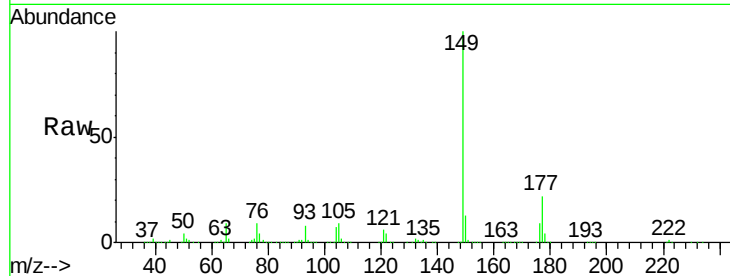
#59
Diethylphthalate
Concen: 36.04 ng
RT: 10.30 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.5	26.3
150	13.1	9.4	14.2

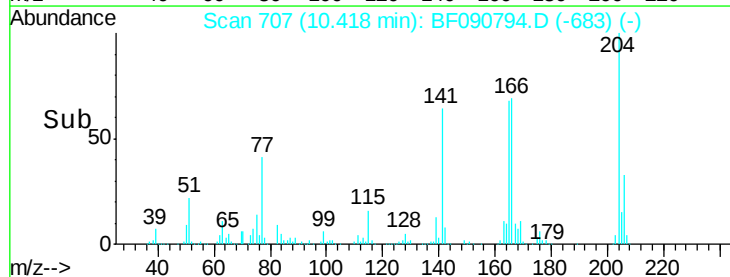
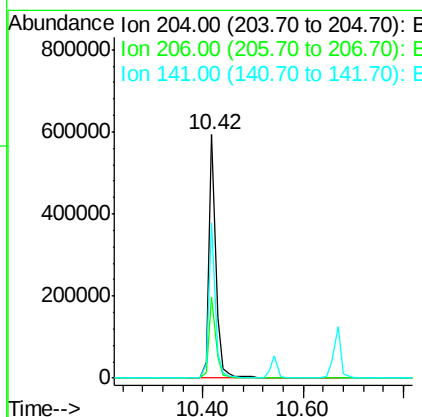
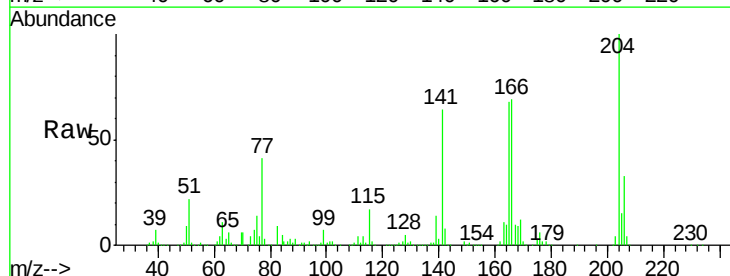
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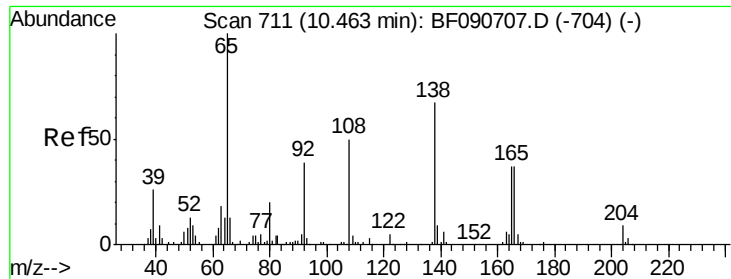
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#60
4-Chlorophenyl-phenylether
Concen: 41.62 ng
RT: 10.42 min Scan# 707
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	24.8	37.2
141	64.0	42.2	63.4





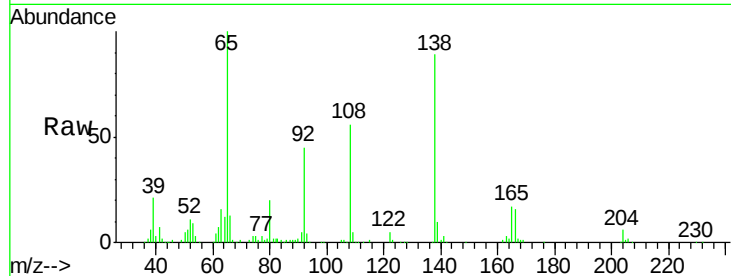
#61
4-Nitroaniline
Concen: 41.45 ng
RT: 10.45 min Scan# 710
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

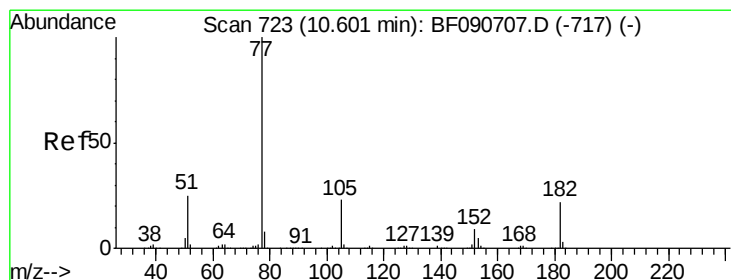
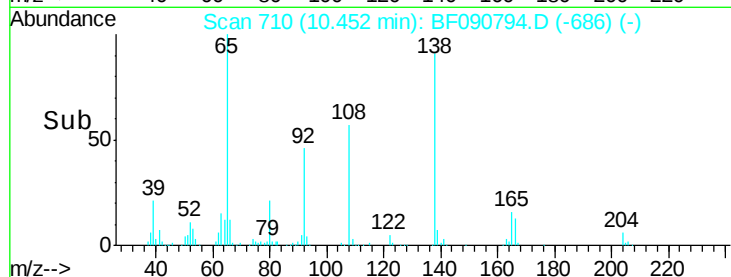
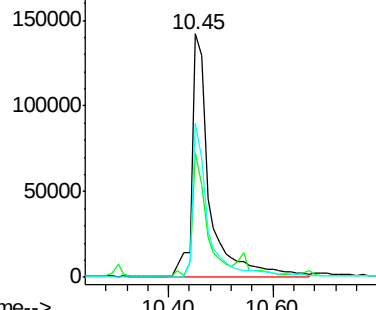
Tot Ion	Ratio	Lower	Upper
138	100		
92	51.3	12.6	52.6
108	63.2	12.4	52.4

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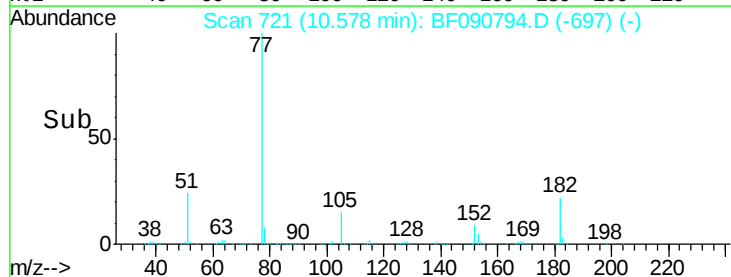
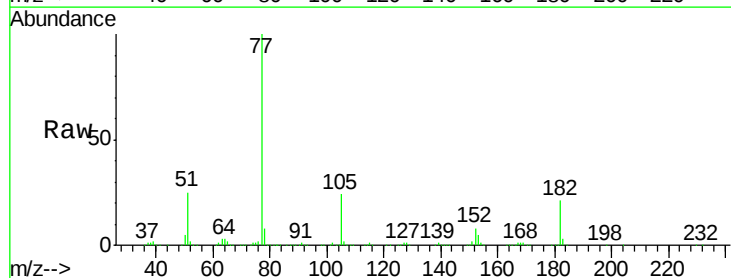
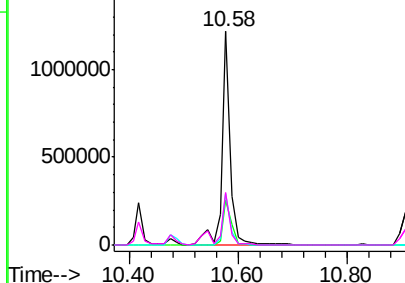
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

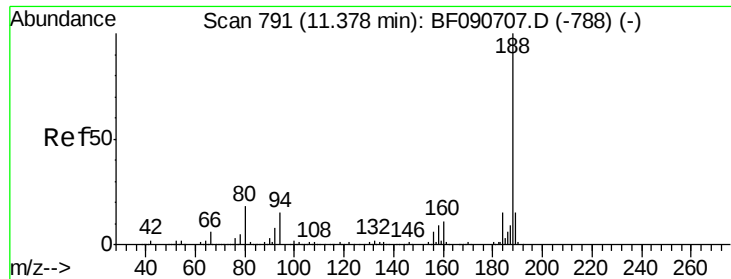


#62
Azobenzene
Concen: 34.11 ng
RT: 10.58 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.9	15.1	55.1
105	24.0	3.4	43.4
51	24.6	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





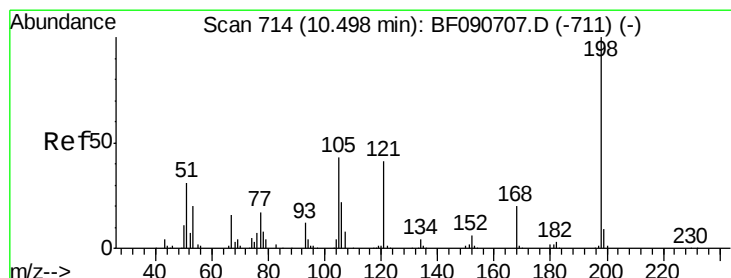
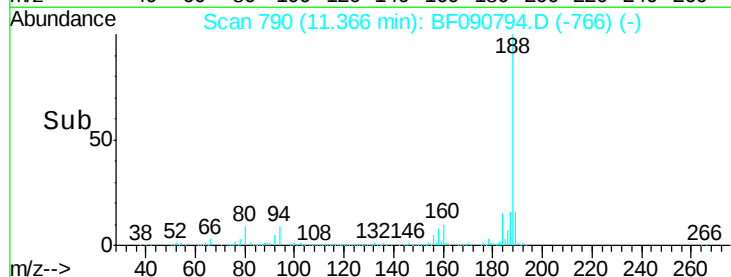
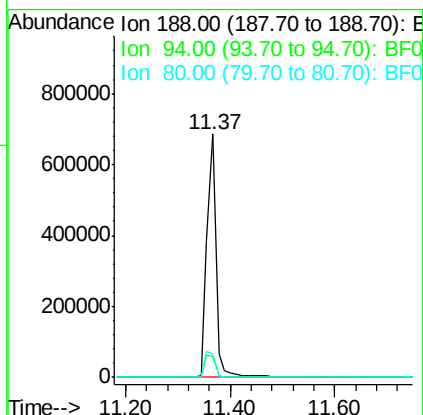
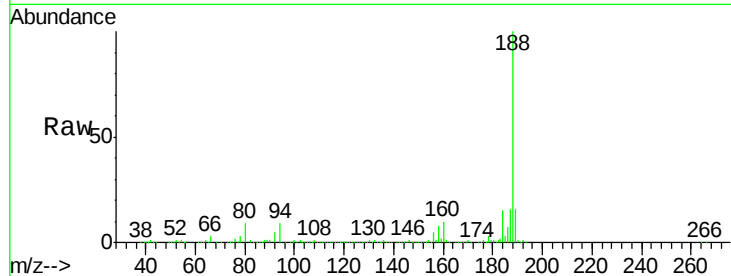
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
188	100	838052		
94	8.7		11.1	16.7#
80	9.4		11.0	16.4#

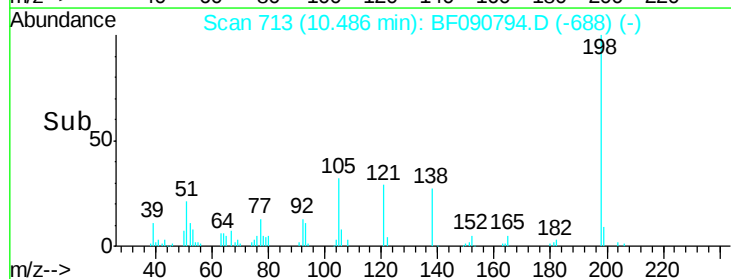
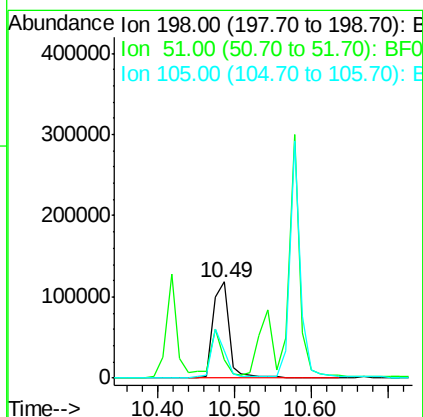
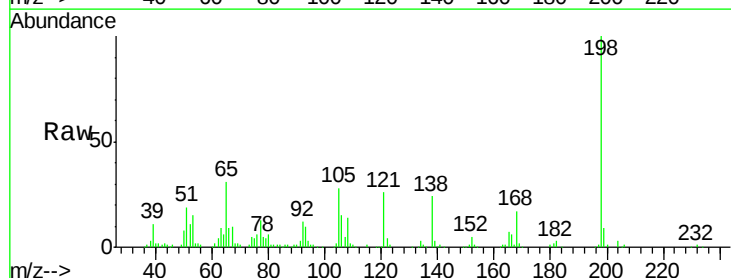
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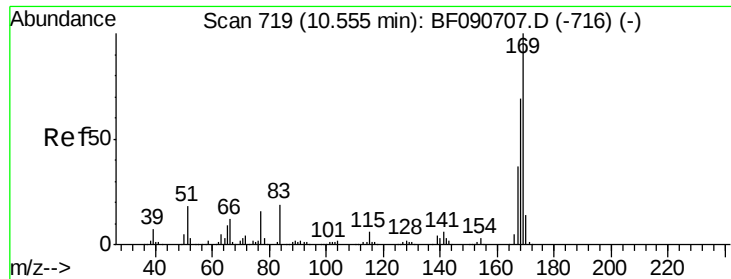
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#64
4,6-Dinitro-2-methylphenol
Concen: 33.84 ng
RT: 10.49 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	173788		
51	18.7		39.6	79.6#
105	28.2		28.5	68.5#





#65

n-Nitrosodiphenylamine

Concen: 38.70 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:169 Resp: 1039077

Ion Ratio Lower Upper

169 100

168 68.3 48.9 73.3

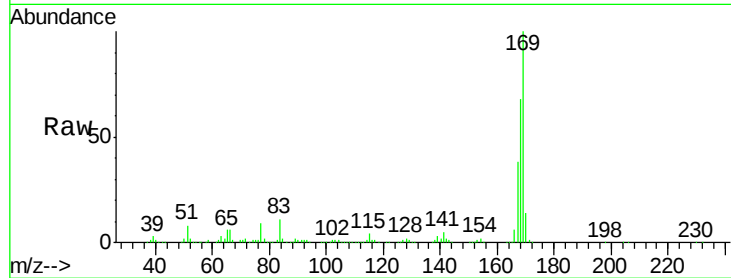
167 37.7 26.2 39.4

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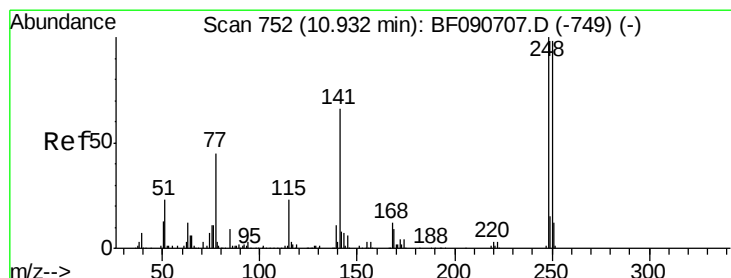
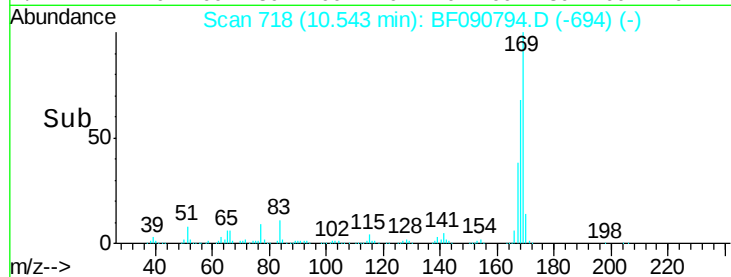
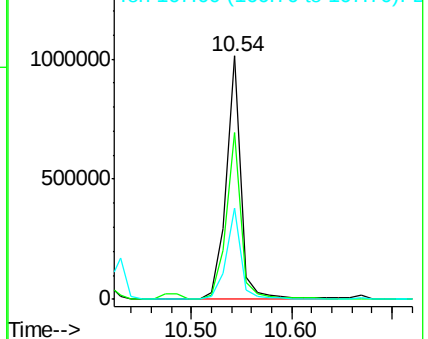
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.08 ng

RT: 10.91 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

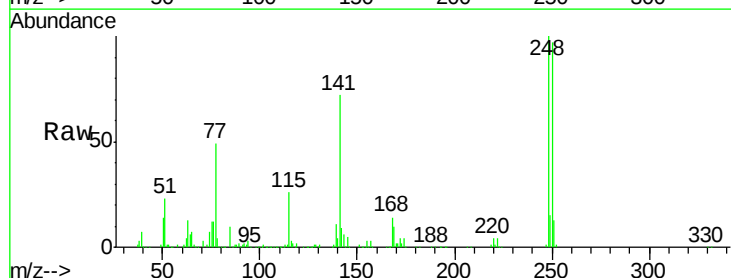
Tgt Ion:248 Resp: 358150

Ion Ratio Lower Upper

248 100

250 96.9 78.5 117.7

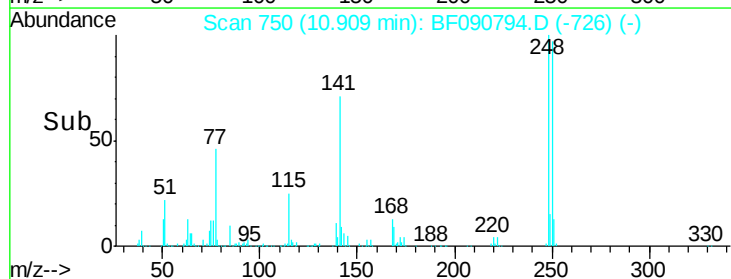
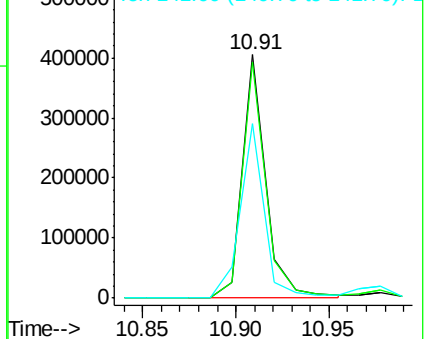
141 71.7 59.0 88.6

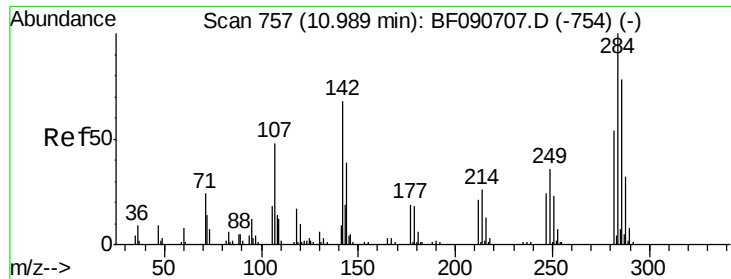


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.85 ng

RT: 10.98 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

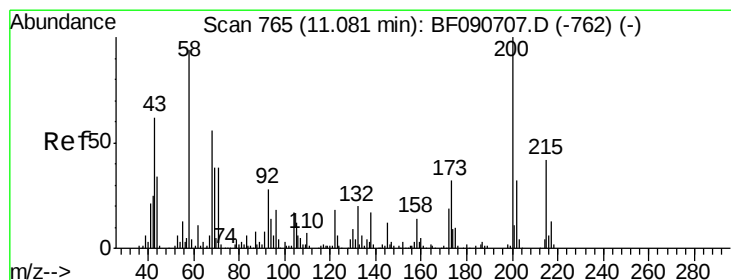
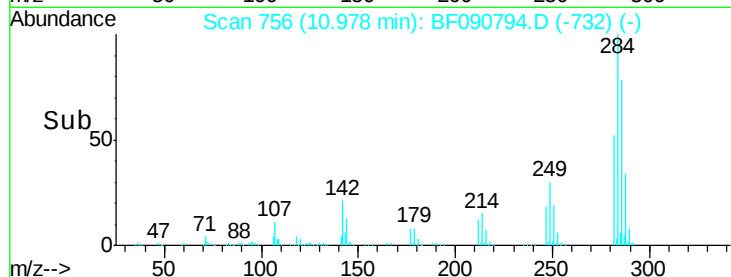
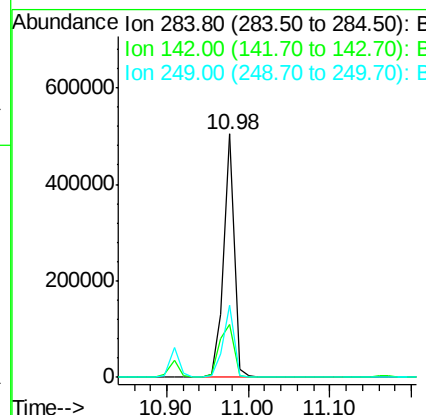
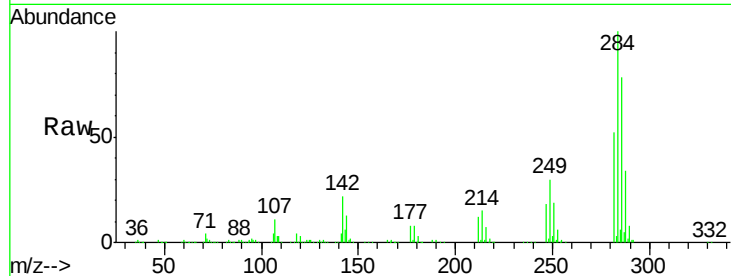
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	21.6	29.5	44.3#	
249	29.5	19.5	29.3#	

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#68

Atrazine

Concen: 40.63 ng

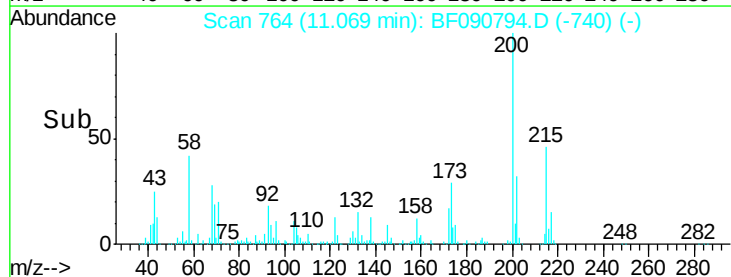
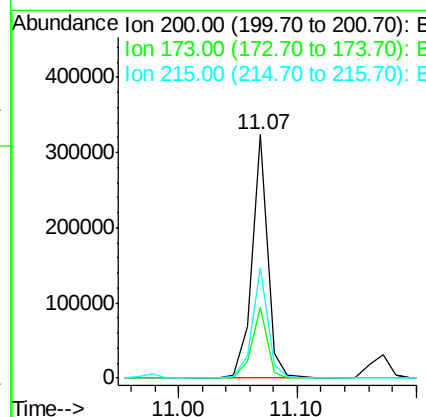
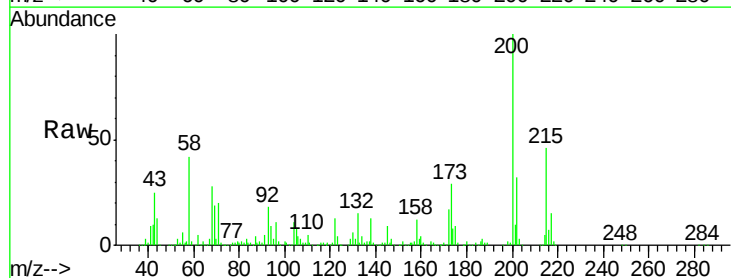
RT: 11.07 min Scan# 764

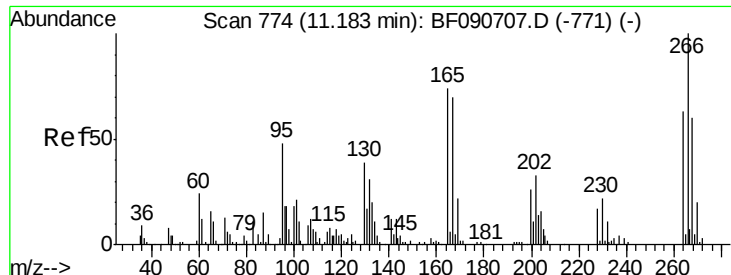
Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.1	13.2	53.2	
215	45.6	41.8	81.8	





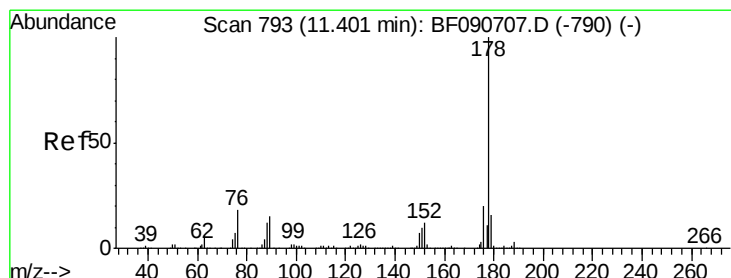
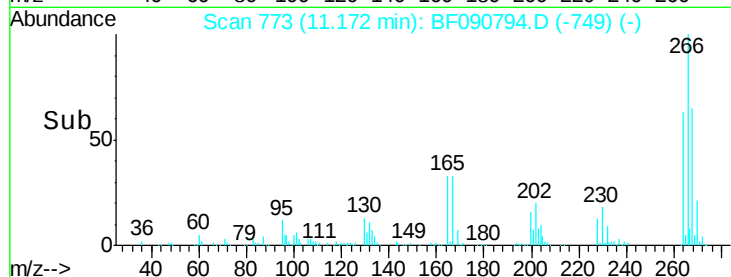
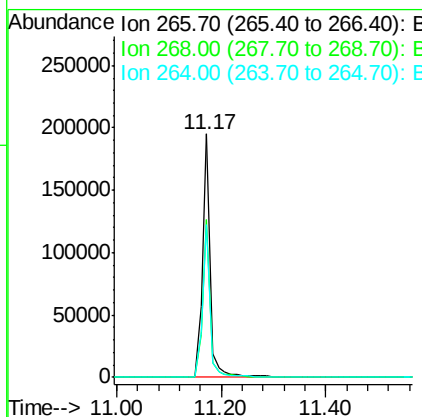
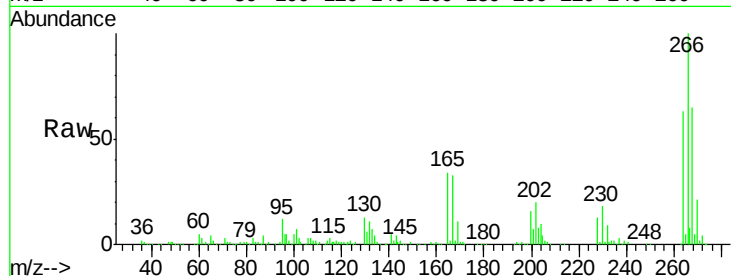
#69
 Pentachlorophenol
 Concen: 41.77 ng
 RT: 11.17 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	49.8	74.6
264	62.9	50.2	75.2

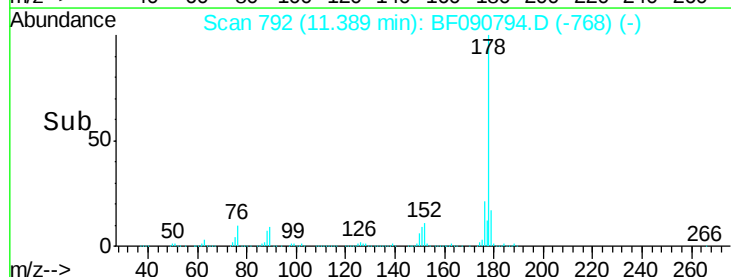
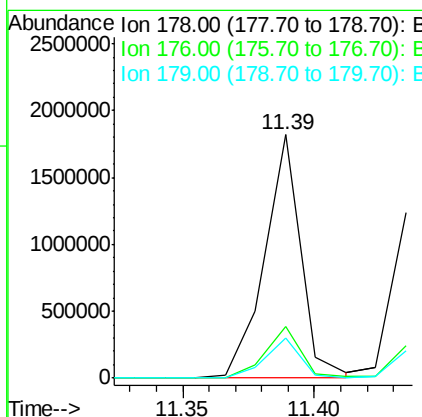
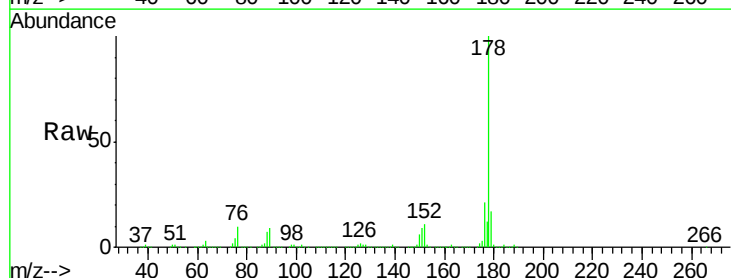
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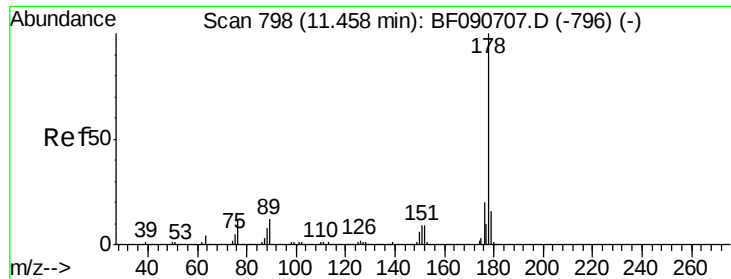
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#70
 Phenanthrene
 Concen: 40.70 ng m
 RT: 11.39 min Scan# 792
 Delta R.T. -0.02 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	13.8	20.8#
179	16.7	12.2	18.2





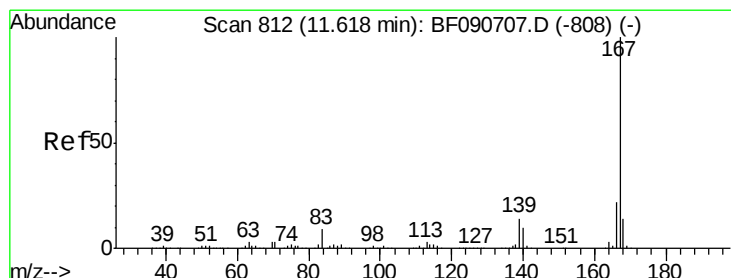
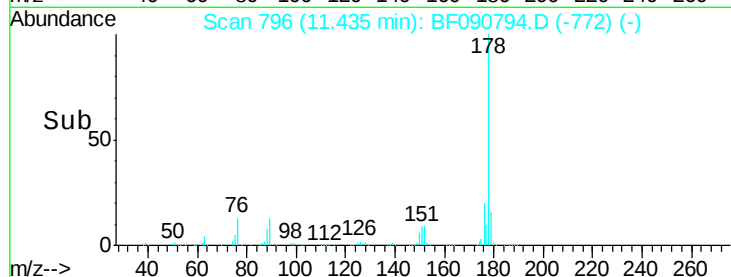
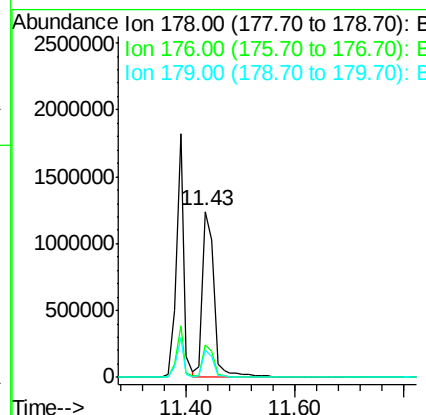
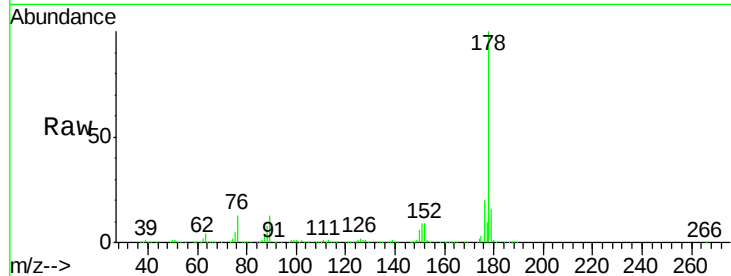
#71
 Anthracene
 Concen: 38.54 ng
 RT: 11.43 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.1	21.1
179	16.4	12.2	18.2

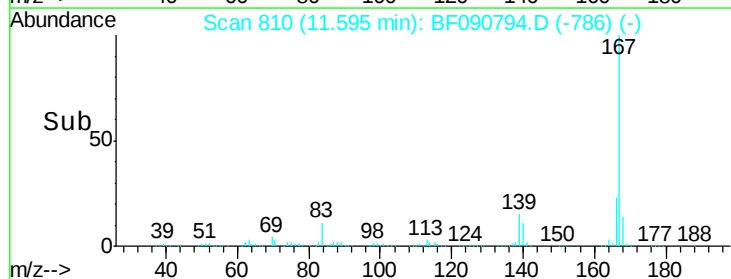
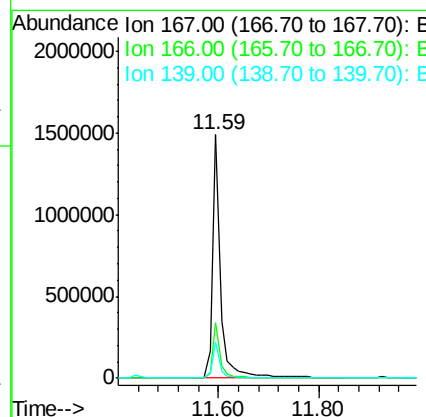
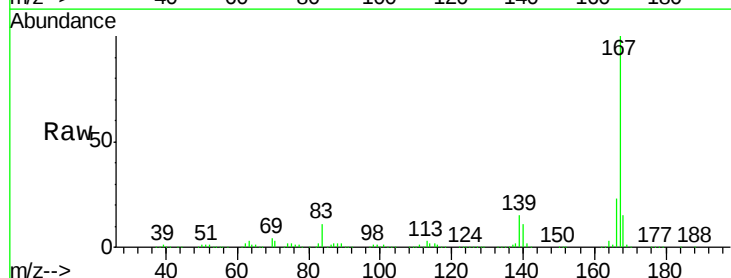
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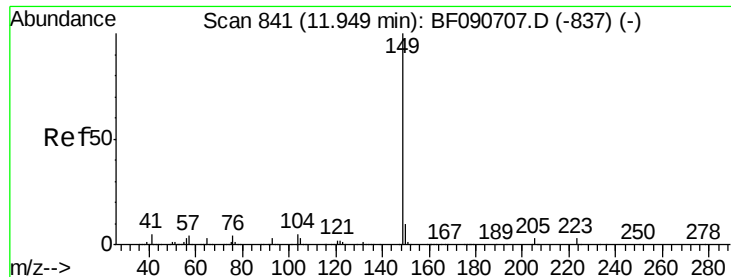
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#72
 Carbazole
 Concen: 41.90 ng
 RT: 11.59 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	15.7	23.5
139	14.7	9.5	14.3





#73

Di-n-butylphthalate

Concen: 36.04 ng

RT: 11.93 min Scan# 839

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1851660

Ion Ratio Lower Upper

149 100

150 10.5 7.4 11.2

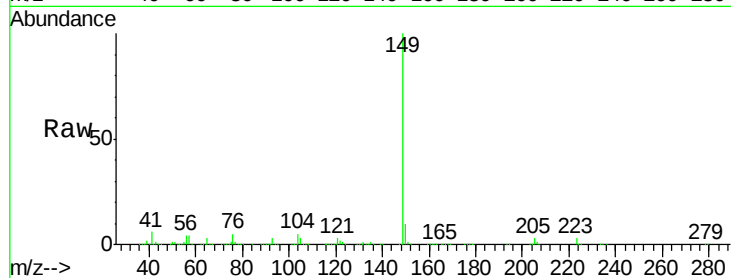
104 5.1 2.4 3.6#

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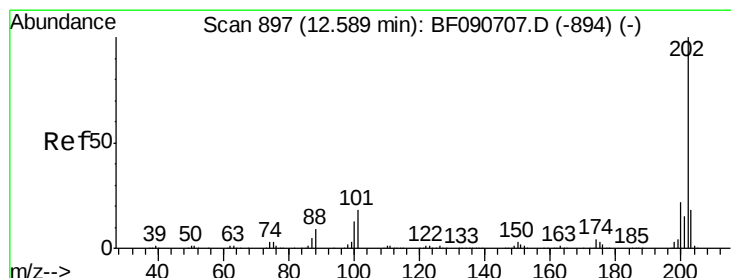
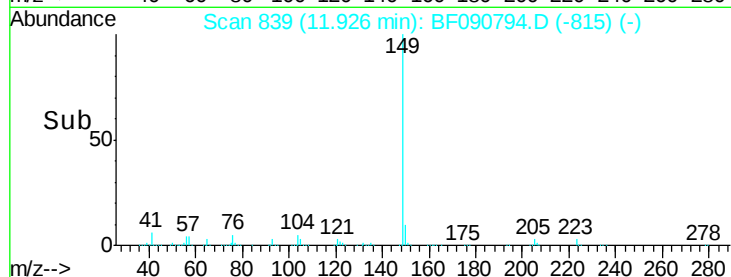
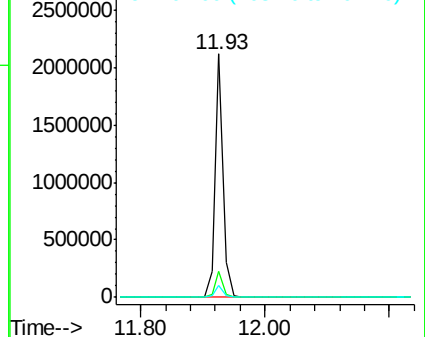
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.07 ng

RT: 12.58 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

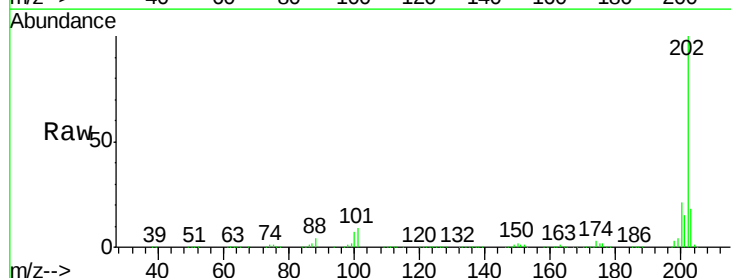
Tgt Ion:202 Resp: 1821300

Ion Ratio Lower Upper

202 100

101 8.7 0.0 38.3

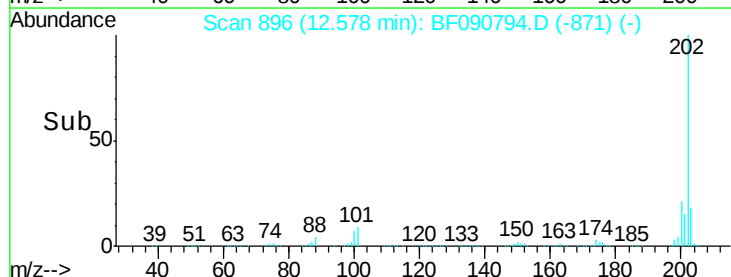
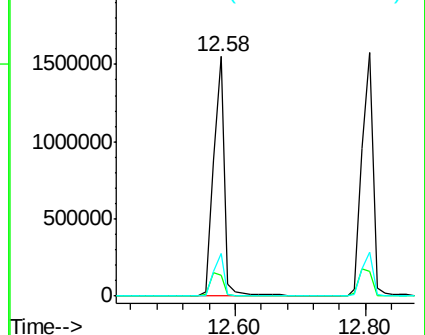
203 18.0 0.0 37.3

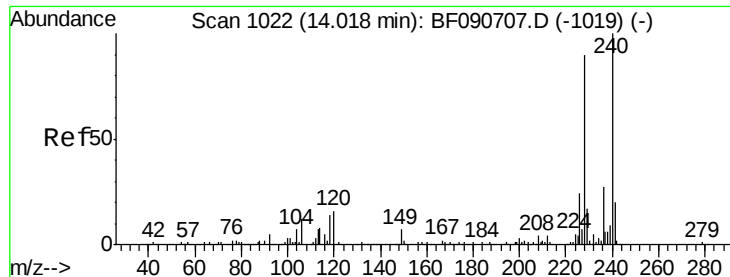


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

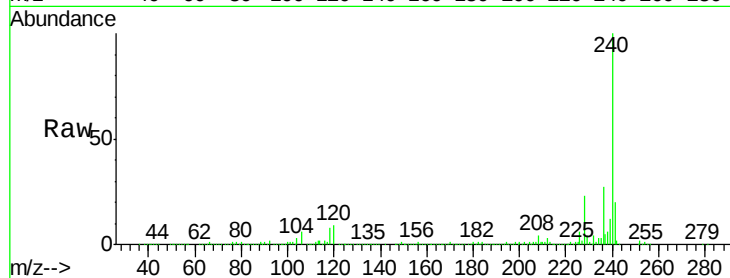
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.9	16.2	24.2#
236	26.6	18.4	27.6

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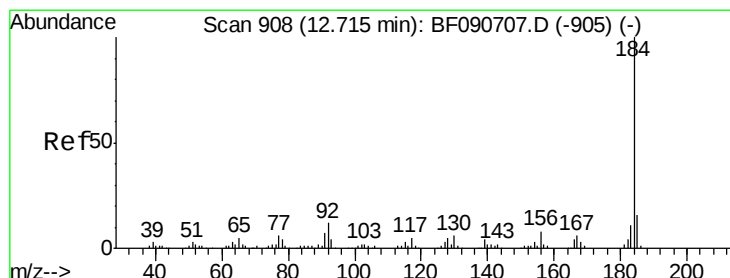
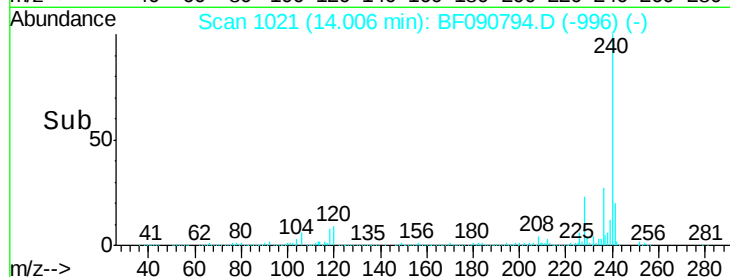
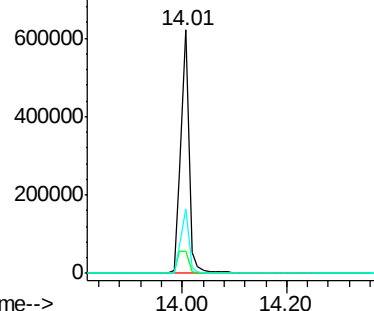
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 46.60 ng

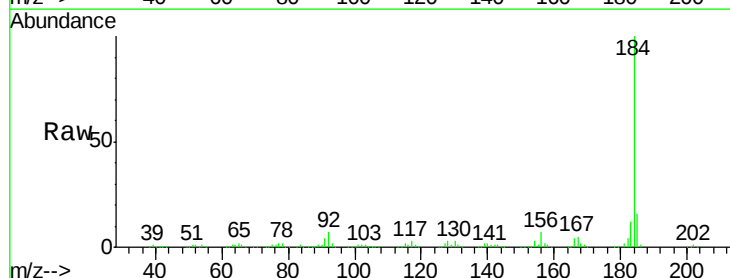
RT: 12.70 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

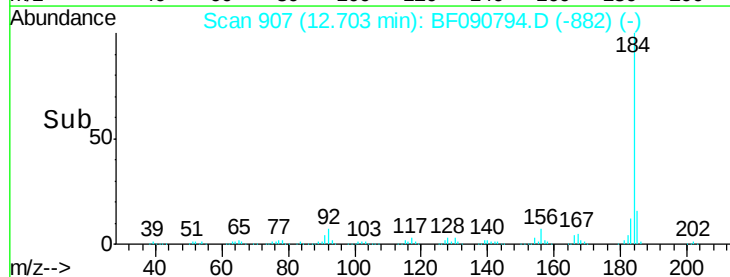
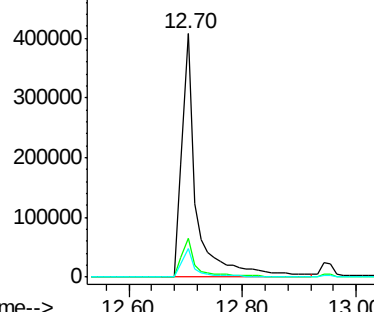
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.9	11.8	17.6
183	11.5	7.6	11.4#

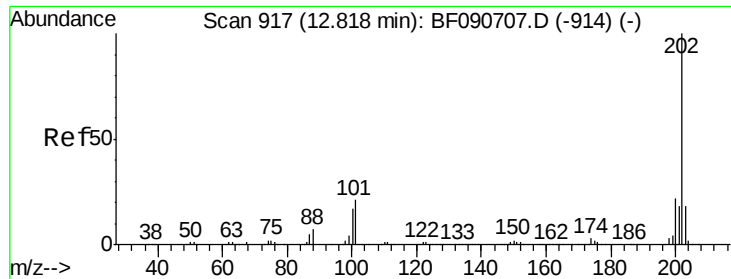


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





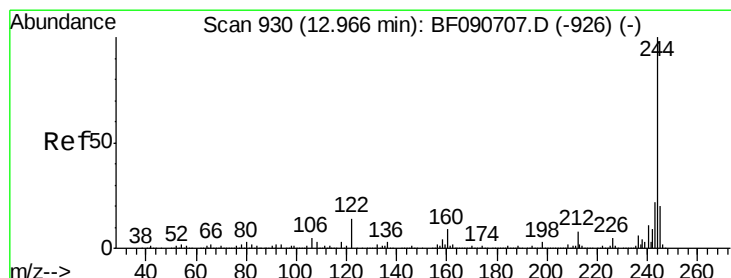
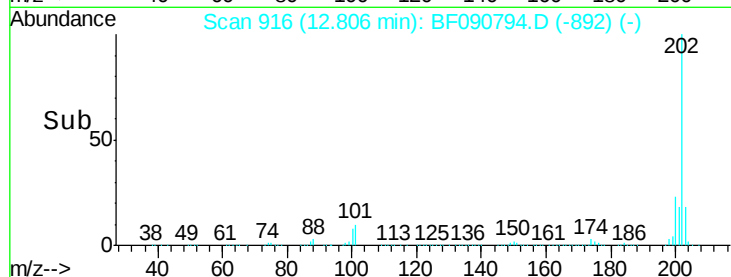
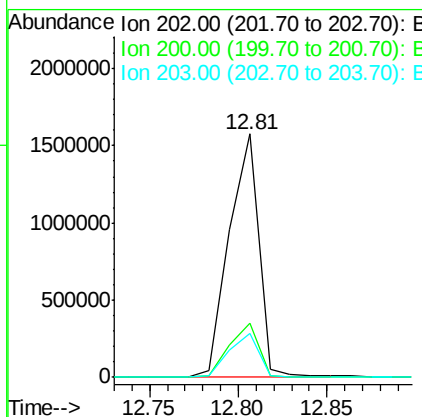
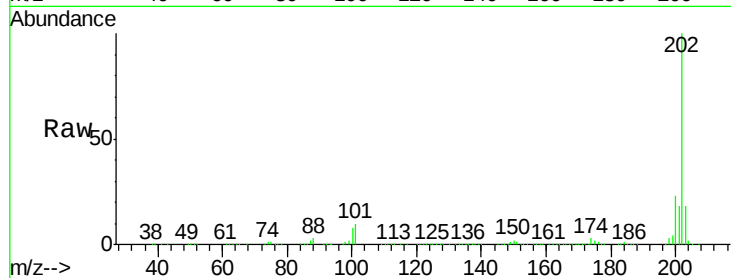
#77
Pvrene
Concen: 38.63 ng/ml
RT: 12.81 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	15.0	22.4#
203	18.2	14.1	21.1

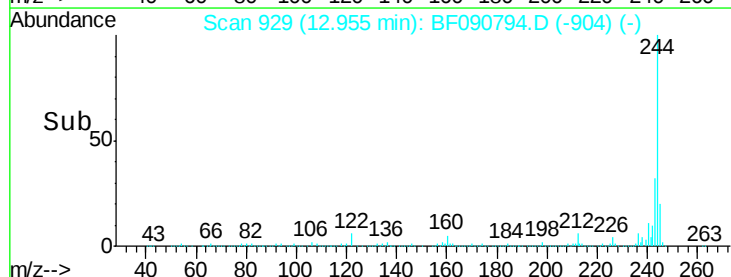
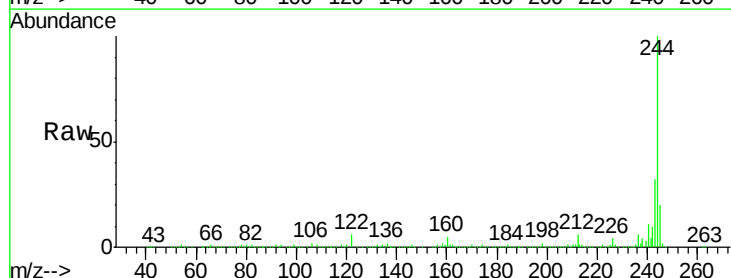
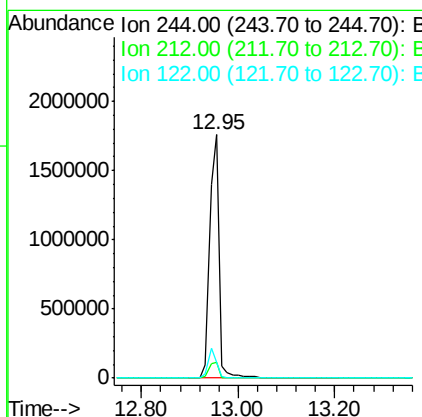
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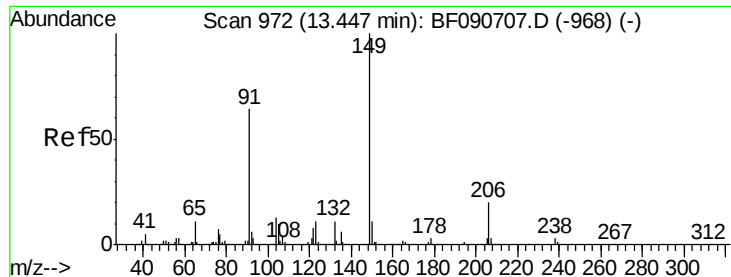
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#78
Terphenyl-d14
Concen: 81.08 ng
RT: 12.95 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	4.3	6.5#
122	6.4	17.4	26.2#





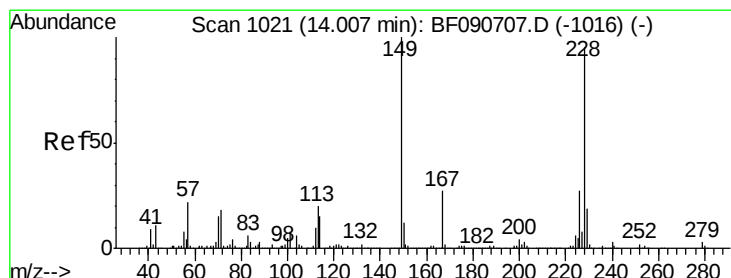
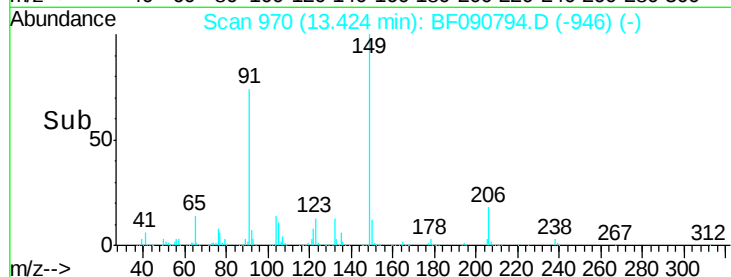
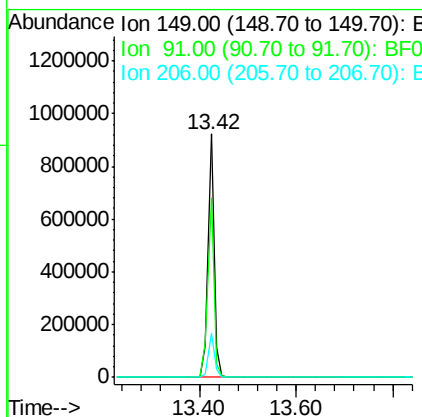
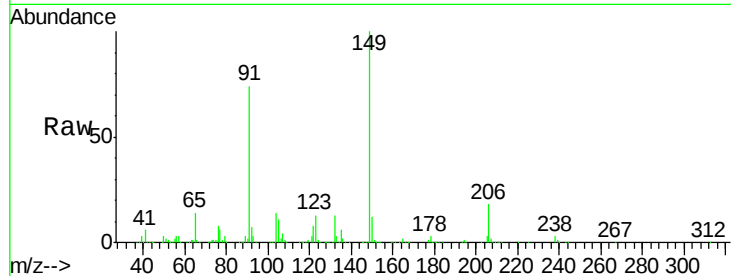
#79
Butylbenzylphthalate
Concen: 36.97 ng
RT: 13.42 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.7	48.6	72.8#
206	18.2	14.9	22.3

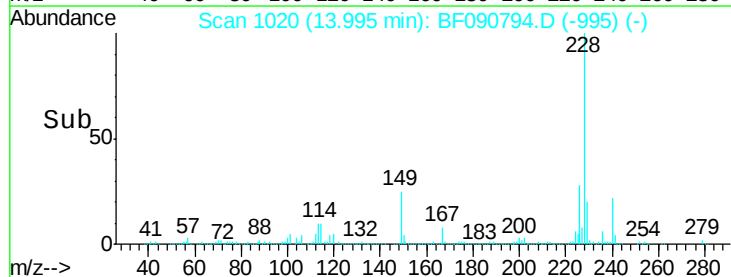
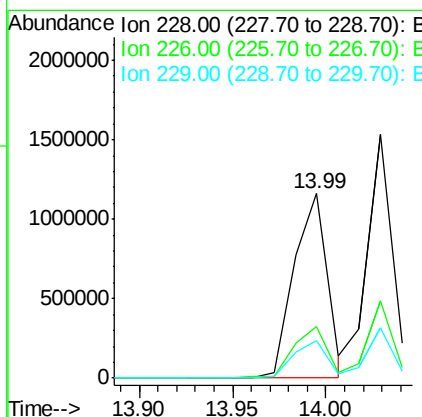
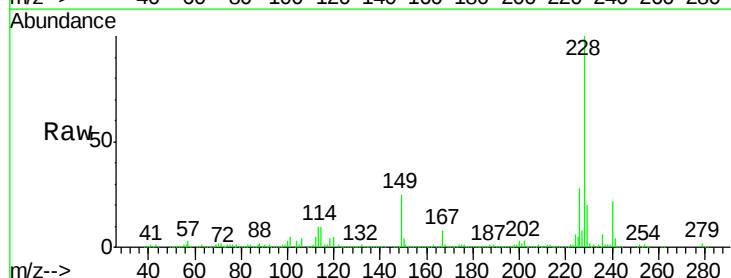
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#80
Benzo(a)anthracene
Concen: 38.87 ng
RT: 13.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	20.0	30.0
229	20.0	15.4	23.2





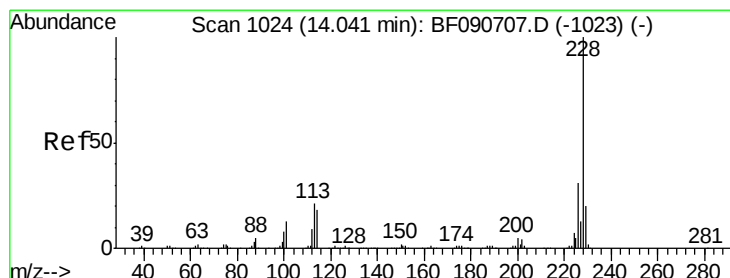
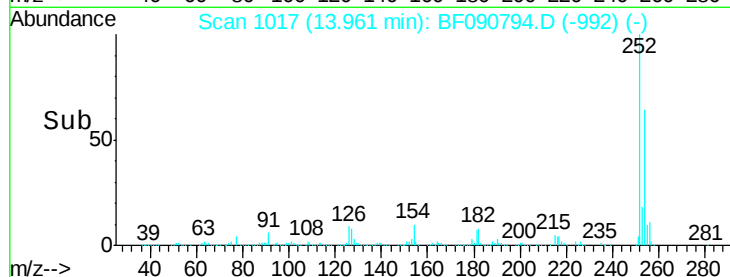
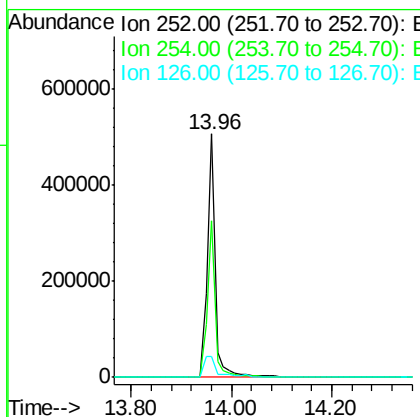
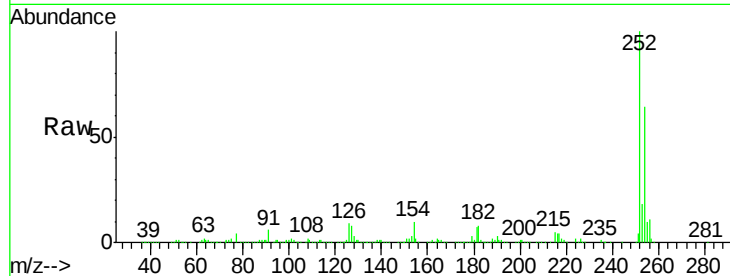
#81
 3,3'-Dichlorobenzidine
 Concen: 43.64 ng
 RT: 13.96 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.4	77.2
126	8.6	16.4	24.6

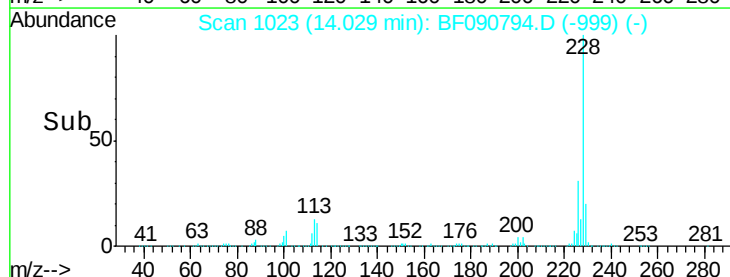
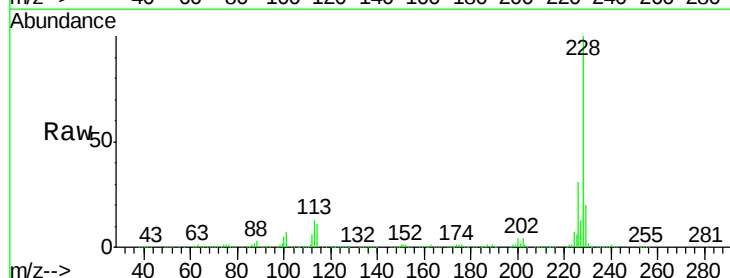
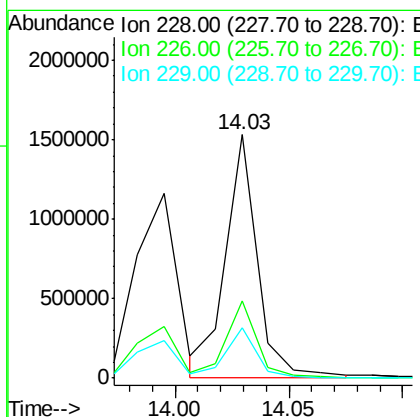
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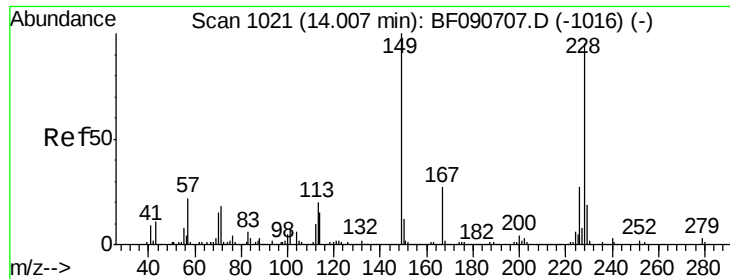
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#82
 Chrysene
 Concen: 40.81 ng m
 RT: 14.03 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	21.0	31.4
229	20.4	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.04 ng

RT: 13.98 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1003818

Ion Ratio Lower Upper

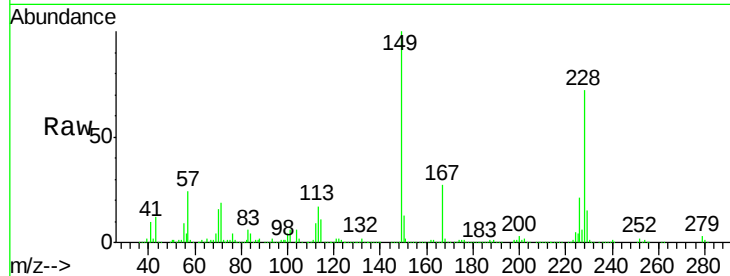
149 100

167 27.0 24.2 36.2

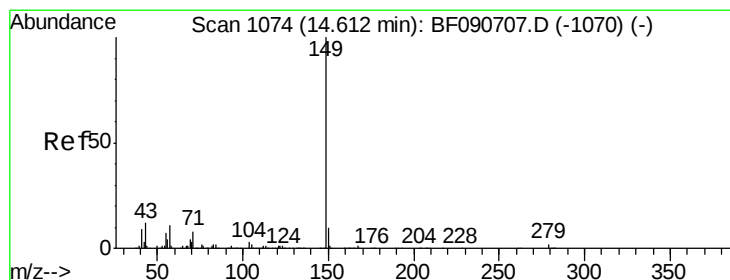
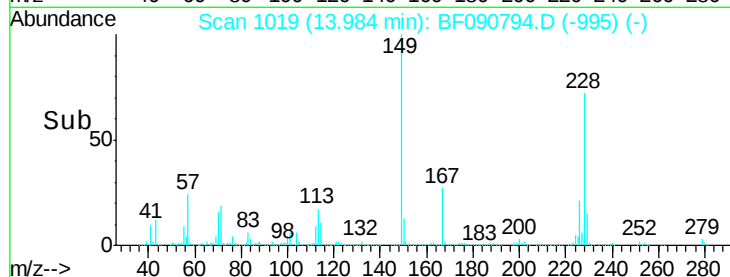
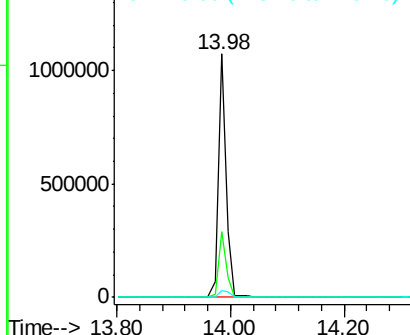
279 2.6 3.8 5.6#

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



#84

Di-n-octyl phthalate

Concen: 33.47 ng

RT: 14.60 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

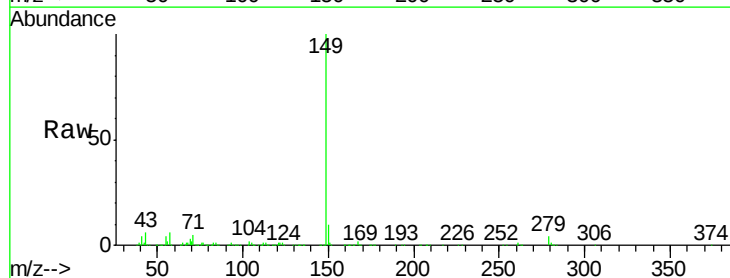
Tgt Ion:149 Resp: 1591214

Ion Ratio Lower Upper

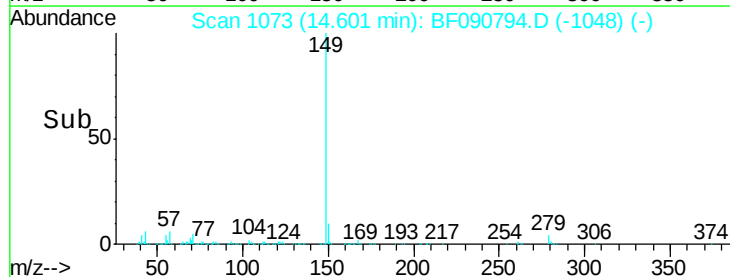
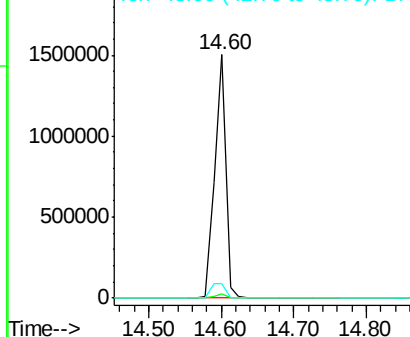
149 100

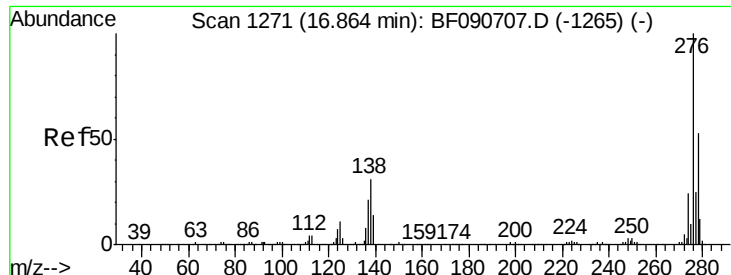
167 1.6 1.0 1.6#

43 8.3 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





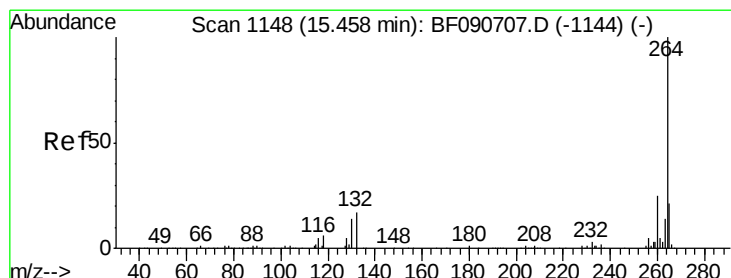
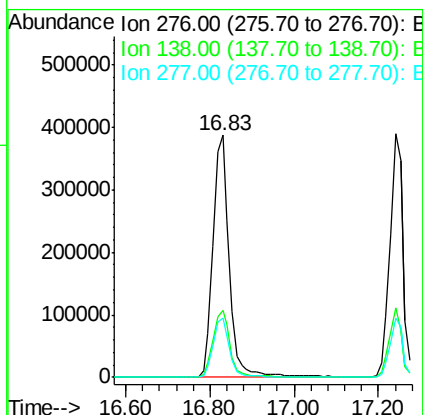
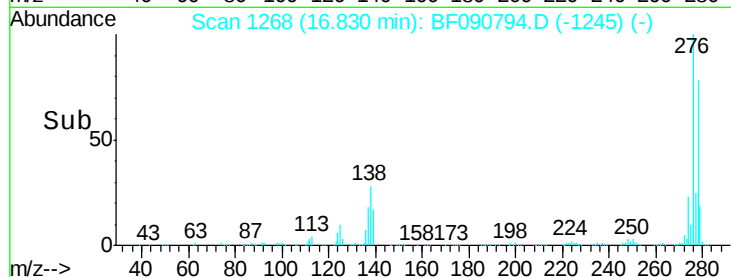
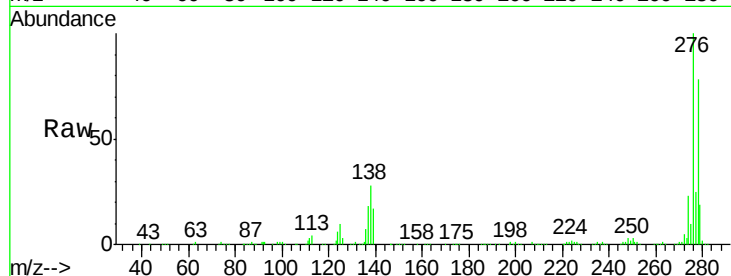
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.02 ng
RT: 16.83 min Scan# 1268
Delta R.T. -0.03 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:276 Resp: 1049490
Ion Ratio Lower Upper
276 100
138 29.4 25.7 38.5
277 25.1 15.6 23.4#

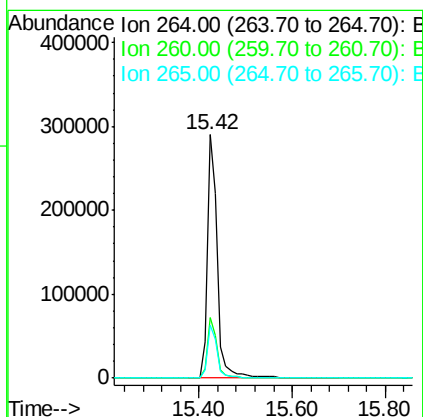
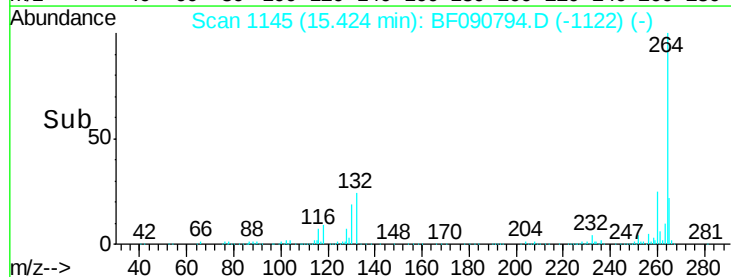
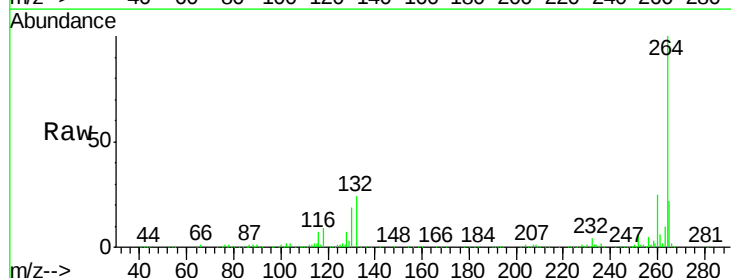
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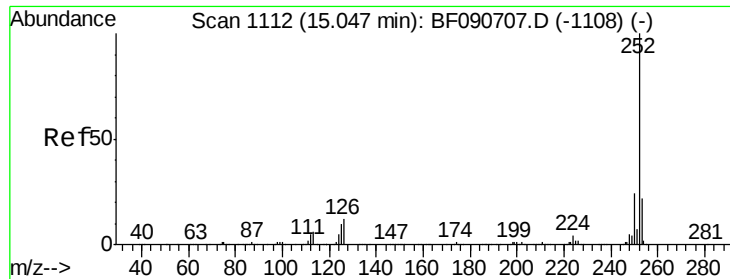
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion:264 Resp: 443205
Ion Ratio Lower Upper
264 100
260 24.9 16.7 25.1
265 21.6 17.2 25.8





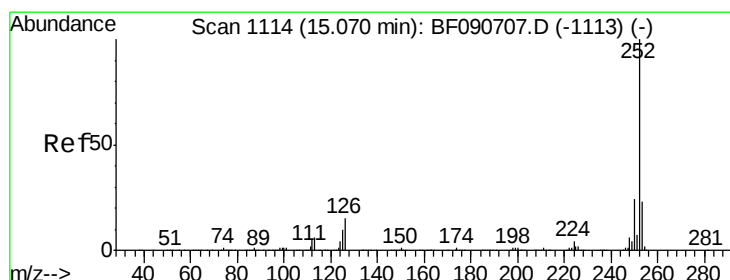
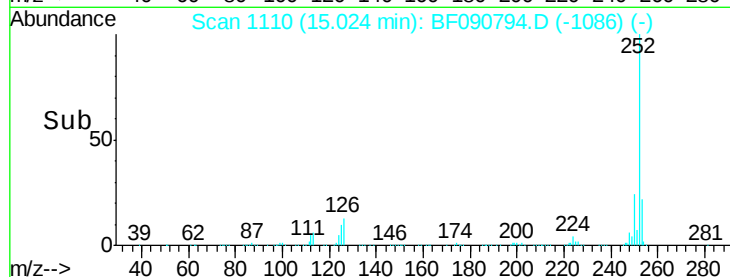
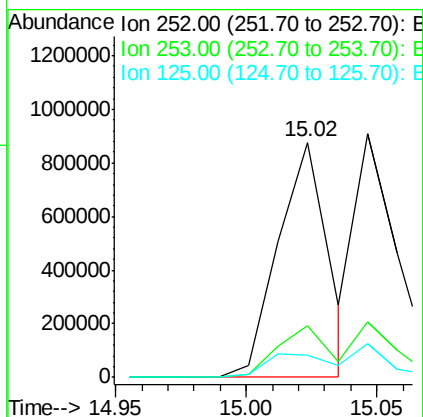
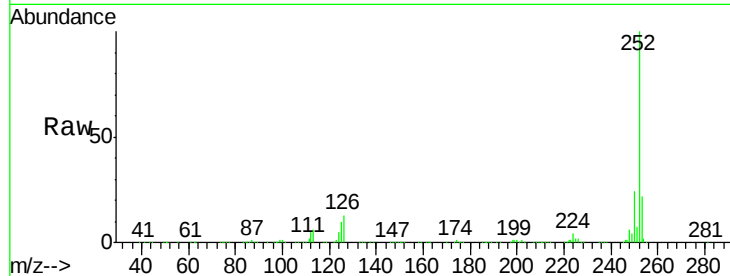
#87
Benzo(b)fluoranthene
Concen: 42.69 ng
RT: 15.02 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.0	17.5	26.3	
125	9.7	17.1	25.7	

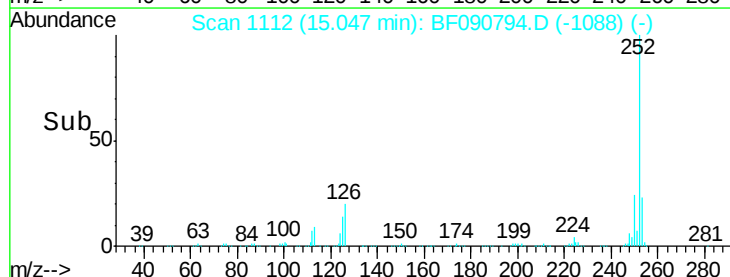
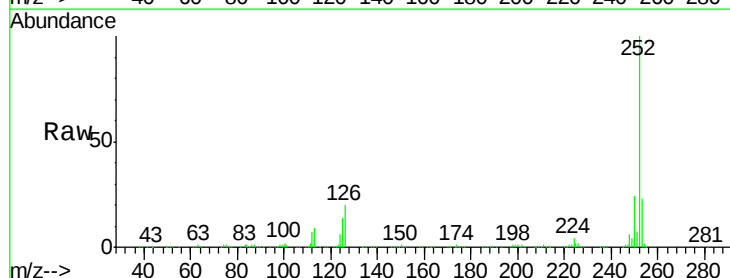
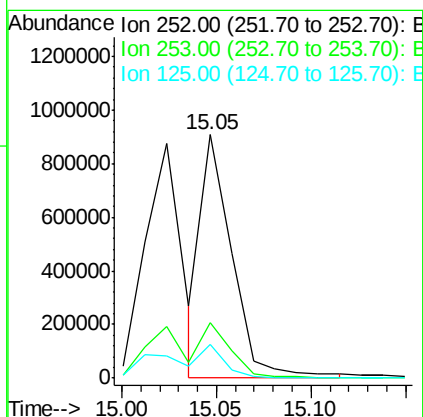
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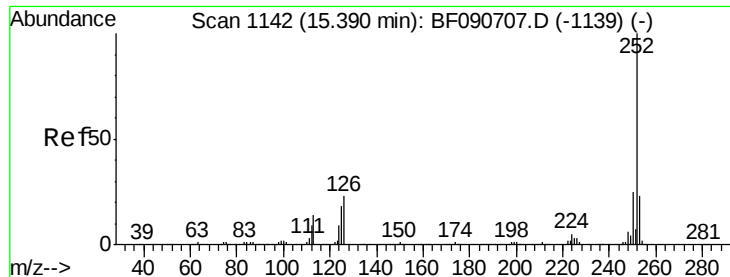
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#88
Benzo(k)fluoranthene
Concen: 38.18 ng m
RT: 15.05 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.8	17.0	25.4	
125	14.0	16.0	24.0	





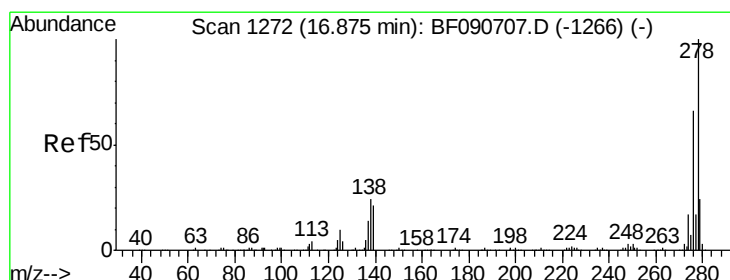
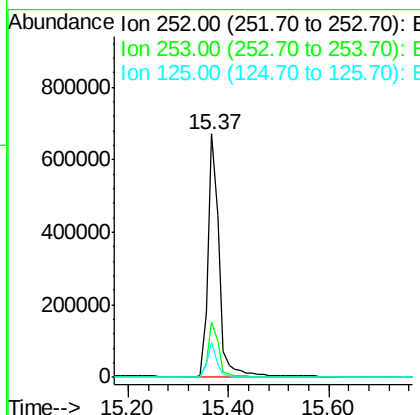
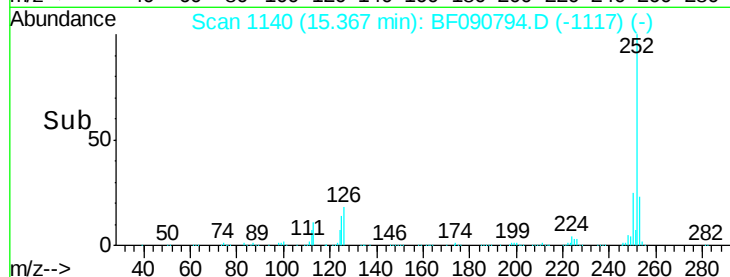
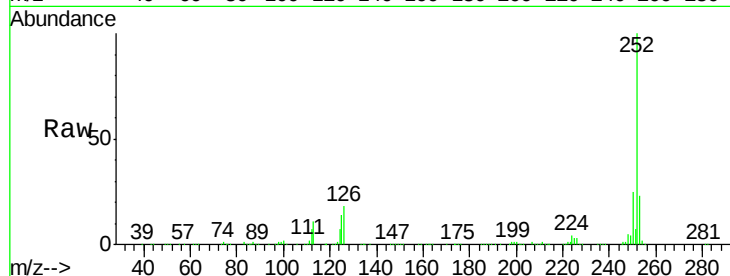
#89
Benzo(a)pyrene
Concen: 39.67 ng
RT: 15.37 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 1014359
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 14.2 18.0 27.0#

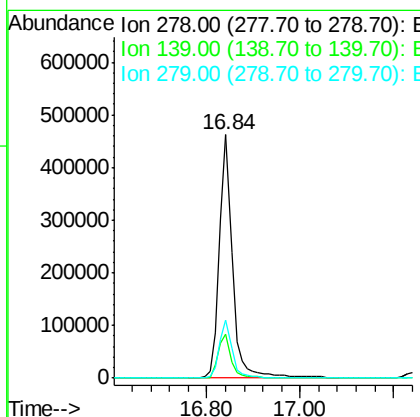
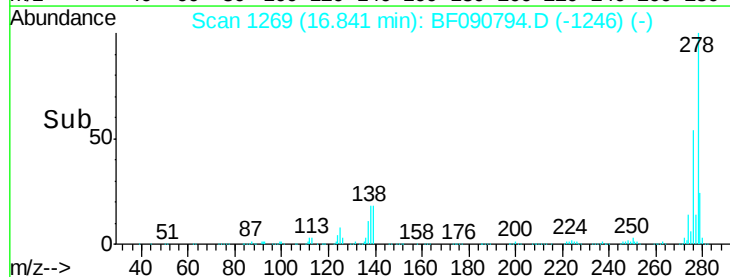
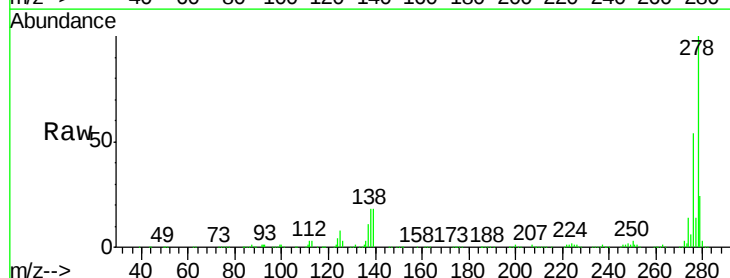
Manual Integrations
APPROVED

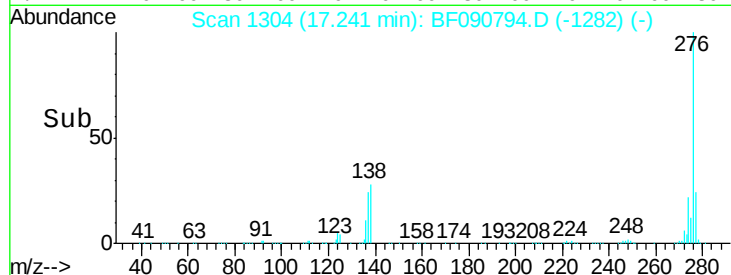
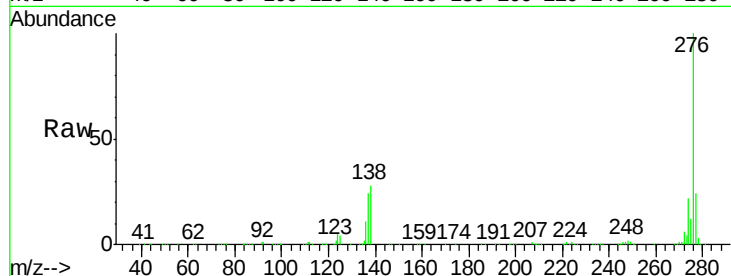
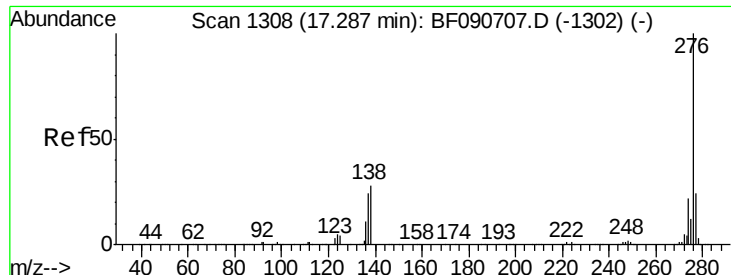
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 36.54 ng
RT: 16.84 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion:278 Resp: 897015
Ion Ratio Lower Upper
278 100
139 18.0 26.3 39.5#
279 23.8 18.2 27.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.25 ng
 RT: 17.24 min Scan# 1304
 Delta R.T. -0.05 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
277	24.2	17.8	26.6		
138	28.5	34.6	51.8		

Manual Integrations
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