

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090504.D
 Acq On : 11 Oct 2016 16:18
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

sohil
 10/12/2016 4:09:34 PM

Quant Time: Oct 11 18:14:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	214505	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	867572	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	440117	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	749742	20.00	ng	0.00
75) Chrysene-d12	14.13	240	743561	20.00	ng	0.00
86) Perylene-d12	15.61	264	563878	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1155345	83.79	ng	0.00
7) Phenol-d6	6.59	99	1455980	83.68	ng	0.00
23) Nitrobenzene-d5	7.51	82	1218744	76.19	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	373298	85.56	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2131964	81.40	ng	0.00
78) Terphenyl-d14	13.08	244	2336128	76.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	269108	39.79	ng	# 84
3) Pyridine	3.37	79	728600	38.98	ng	# 78
4) n-Nitrosodimethylamine	3.32	42	247336	40.37	ng	# 45
6) Aniline	6.61	93	870791	39.45	ng	98
8) 2-Chlorophenol	6.74	128	596764	40.69	ng	95
9) Benzaldehyde	6.50	77	441553	40.28	ng	100
10) Phenol	6.60	94	870319	44.34	ng	96
11) bis(2-Chloroethyl)ether	6.69	93	598635	40.75	ng	92
12) 1,3-Dichlorobenzene	6.90	146	636273	40.21	ng	99
13) 1,4-Dichlorobenzene	6.97	146	607479	37.62	ng	98
14) 1,2-Dichlorobenzene	7.13	146	632330	43.10	ng	99
15) Benzyl Alcohol	7.09	79	507234	37.97	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	819488	38.92	ng	89
17) 2-Methylphenol	7.21	107	459071	38.48	ng	99
18) Hexachloroethane	7.47	117	241935	40.60	ng	99
19) n-Nitroso-di-n-propylamine	7.37	70	407143	36.69	ng	# 81
20) 3+4-Methylphenols	7.37	107	610872	40.44	ng	# 59
22) Acetophenone	7.37	105	797422	41.75	ng	# 90
24) Nitrobenzene	7.54	77	713887	41.61	ng	93
25) Isophorone	7.78	82	1125033	38.65	ng	99
26) 2-Nitrophenol	7.86	139	330089	42.17	ng	97
27) 2,4-Dimethylphenol	7.89	122	541376	40.69	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	644287	35.84	ng	# 96
29) 2,4-Dichlorophenol	8.10	162	470702	42.30	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	490576	38.38	ng	98
31) Naphthalene	8.27	128	1678281	38.83	ng	97
32) Benzoic acid	8.02	122	439435	41.85	ng	97
33) 4-Chloroaniline	8.31	127	725010	39.62	ng	# 86
34) Hexachlorobutadiene	8.38	225	294255	41.17	ng	99
35) Caprolactam	8.68	113	139842	38.76	ng	# 77
36) 4-Chloro-3-methylphenol	8.79	107	542251	41.73	ng	90
37) 2-Methylnaphthalene	8.95	142	1088966	37.54	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	517230	41.98	ng	99
40) Hexachlorocyclopentadiene	9.11	237	261451	42.75	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	314546	37.87	nq	97
43) 2,4,5-Trichlorophenol	9.27	196	351974	42.81	nq #	87
45) 1,1'-Biphenyl	9.42	154	1457576	43.36	nq	95
46) 2-Chloronaphthalene	9.45	162	1074407	42.96	nq	98
47) 2-Nitroaniline	9.54	65	382179	42.84	nq	95
48) Acenaphthylene	9.86	152	1520709	37.69	nq	99
49) Dimethylphthalate	9.72	163	1163701	39.31	nq	99
50) 2,6-Dinitrotoluene	9.78	165	247433	37.86	nq	93
51) Acenaphthene	10.03	154	1055483	39.03	nq	99
52) 3-Nitroaniline	9.95	138	322324	39.75	nq	97
53) 2,4-Dinitrophenol	10.05	184	160834	44.35	nq	95
54) Dibenzofuran	10.20	168	1347490	37.45	nq	93
55) 4-Nitrophenol	10.11	139	278345	44.17	nq #	66
56) 2,4-Dinitrotoluene	10.18	165	327187	37.85	nq #	37
57) Fluorene	10.54	166	1105636	37.64	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	278168	40.56	nq	93
59) Diethylphthalate	10.42	149	1176482	39.08	nq #	93
60) 4-Chlorophenyl-phenylether	10.54	204	583404	43.04	nq #	87
61) 4-Nitroaniline	10.57	138	361576	43.70	nq	90
62) Azobenzene	10.70	77	1372989	41.76	nq	84
64) 4,6-Dinitro-2-methylphenol	10.59	198	194797	38.90	nq #	73
65) n-Nitrosodiphenylamine	10.66	169	976375	40.05	nq	98
66) 4-Bromophenyl-phenylether	11.03	248	342302	41.20	nq #	85
67) Hexachlorobenzene	11.10	284	365798	39.86	nq #	81
68) Atrazine	11.18	200	280426	37.17	nq	99
69) Pentachlorophenol	11.29	266	216406	39.63	nq	99
70) Phenanthrene	11.51	178	1731311	41.90	nq	97
71) Anthracene	11.56	178	1539032	36.77	nq	98
72) Carbazole	11.72	167	1626361	41.14	nq	96
73) Di-n-butylphthalate	12.05	149	1946499	40.88	nq #	96
74) Fluoranthene	12.70	202	1838127	43.58	nq	93
76) Benzidine	12.82	184	801300	34.29	nq	96
77) Pyrene	12.93	202	1825924	39.23	nq	99
79) Butylbenzylphthalate	13.55	149	868768	39.87	nq	93
80) Benzo(a)anthracene	14.12	228	1640292	37.02	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	660486	41.42	nq #	99
82) Chrysene	14.16	228	1365718	33.11	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	1162316	36.55	nq #	99
84) Di-n-octyl phthalate	14.73	149	1892849	38.44	nq #	87
85) Indeno(1,2,3-cd)pyrene	17.08	276	1296801	37.76	nq	97
87) Benzo(b)fluoranthene	15.17	252	1647822	44.29	nq #	95
88) Benzo(k)fluoranthene	15.21	252	1145486m	34.56	nq	
89) Benzo(a)pyrene	15.55	252	1366111	41.81	nq	98
90) Dibenzo(a,h)anthracene	17.10	278	1131921	40.79	nq #	95
91) Benzo(g,h,i)perylene	17.54	276	1037861	40.44	nq	98

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

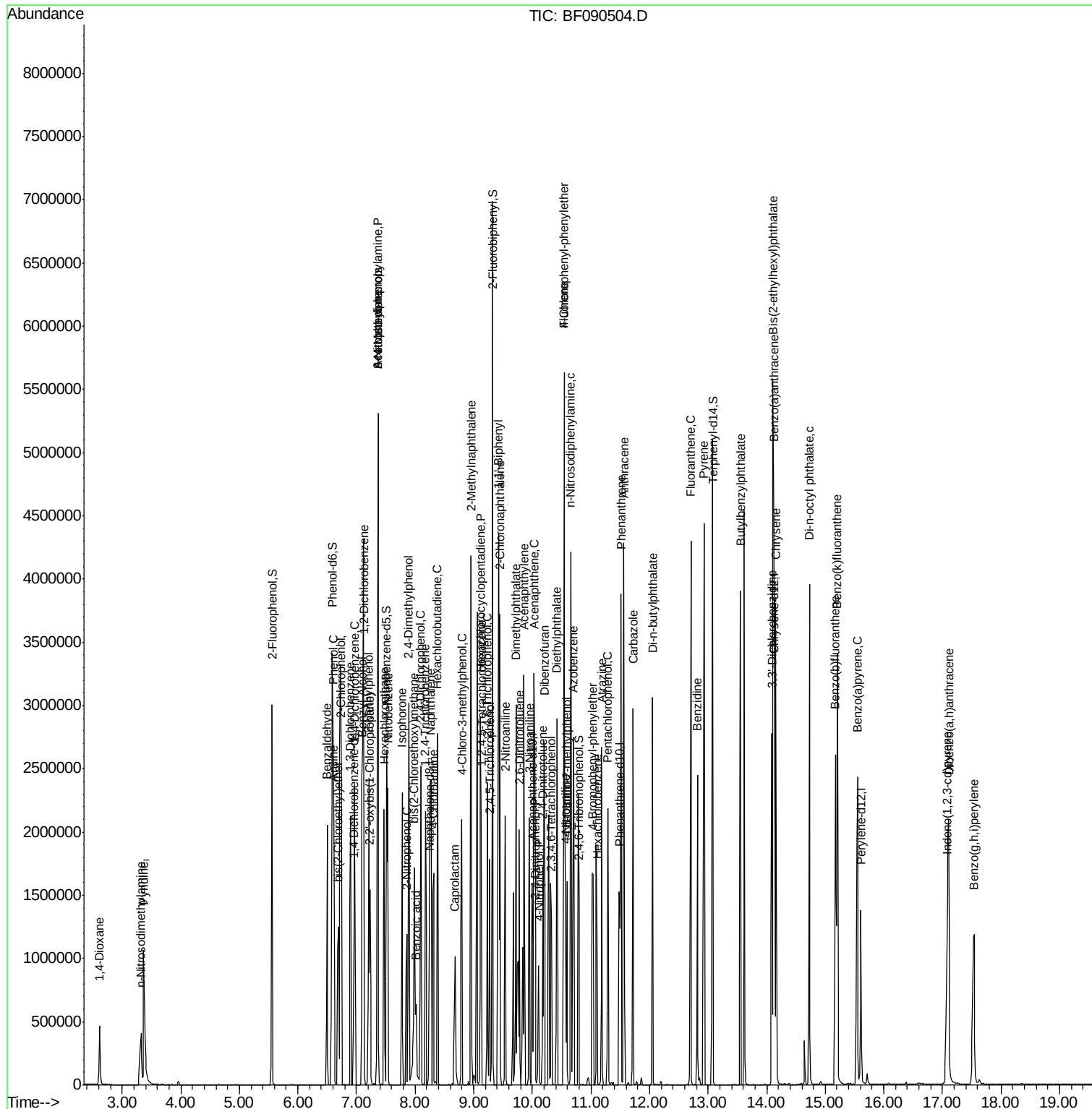
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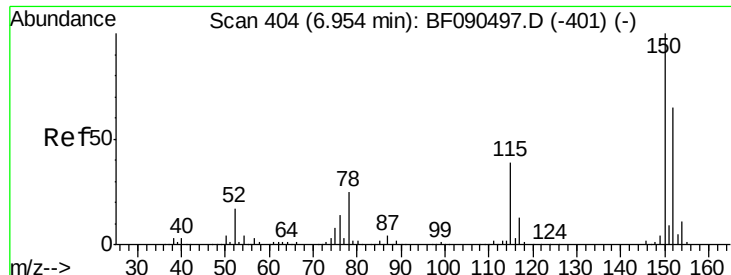
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#1

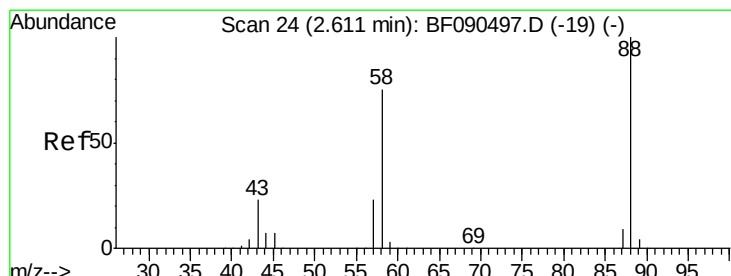
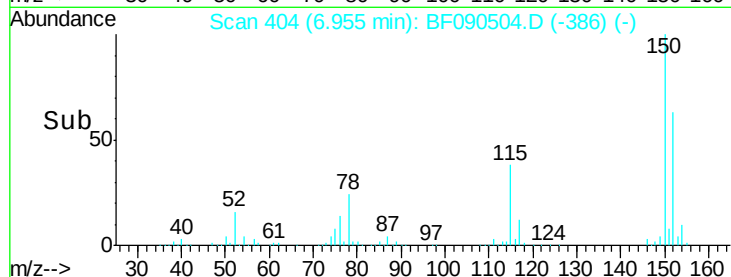
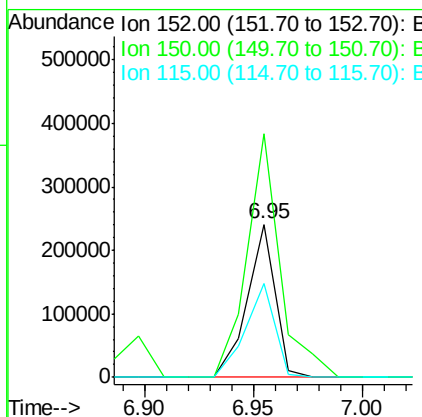
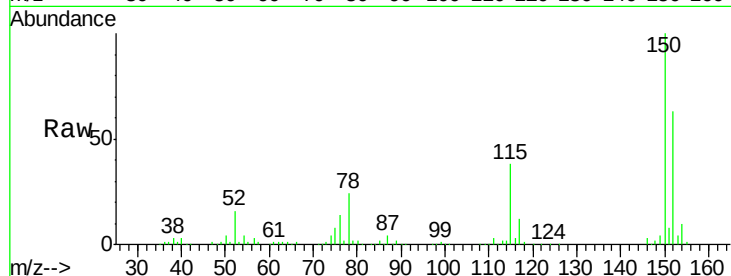
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Instrument :
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ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	61.1	46.2	69.4

Manual Integrations
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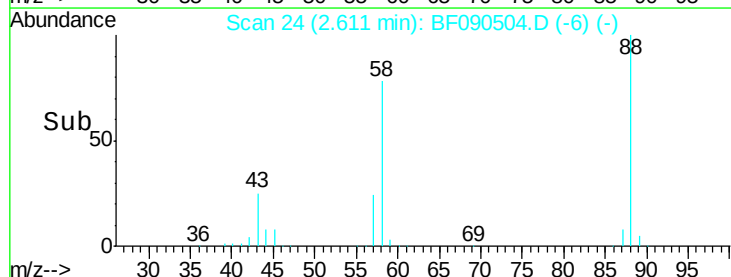
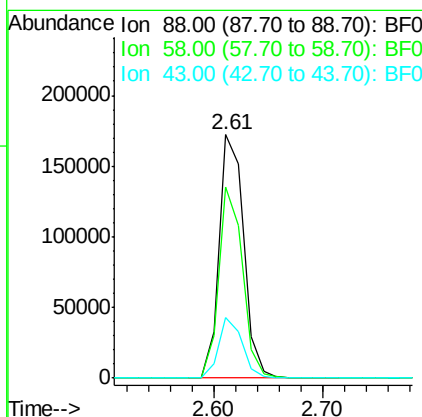
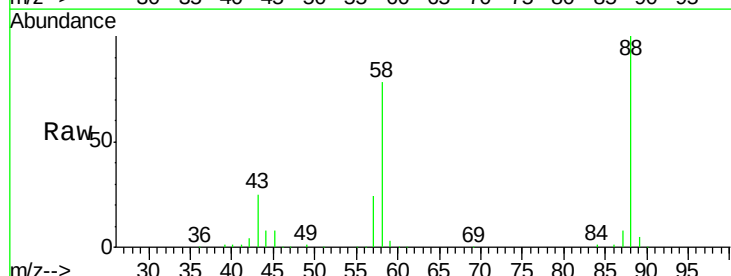
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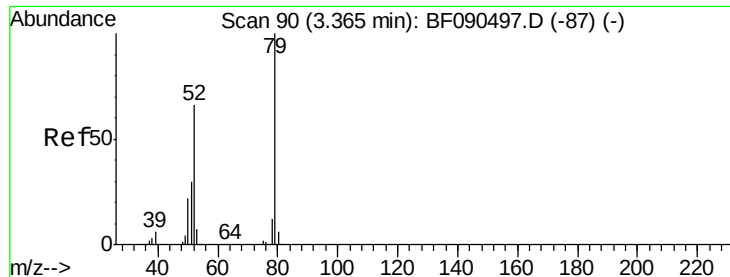


#2

1,4-Dioxane
Concen: 39.79 ng
RT: 2.61 min Scan# 24
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.9	71.2	106.8
43	24.1	29.8	44.6





#3

Pvridine

Concen: 38.98 ng

RT: 3.37 min Scan# 90

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 728600
Ion Ratio Lower Upper

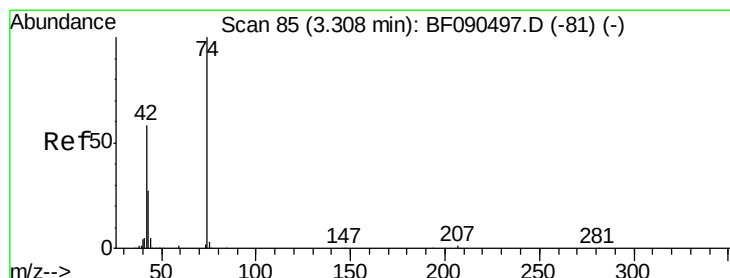
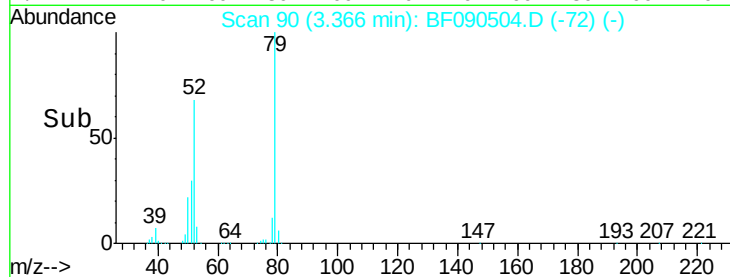
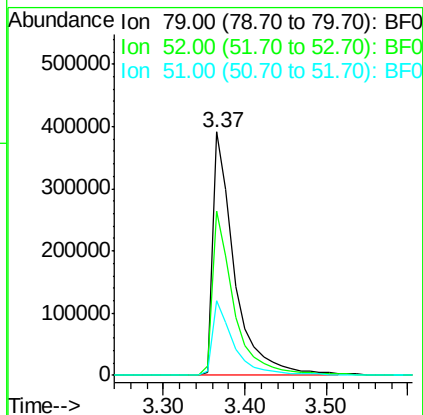
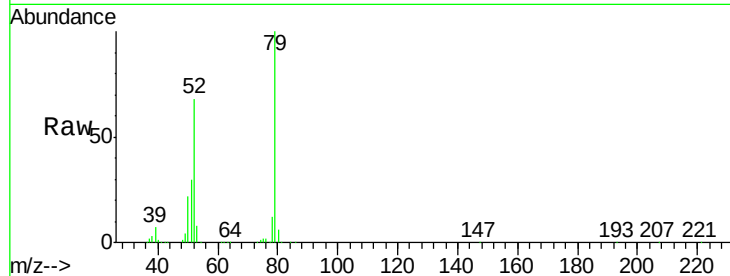
79 100

52 67.6 71.3 106.9#

51 30.5 34.5 51.7#

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#4

n-Nitrosodimethylamine

Concen: 40.37 ng

RT: 3.32 min Scan# 86

Delta R.T. 0.01 min

Lab File: BF090504.D

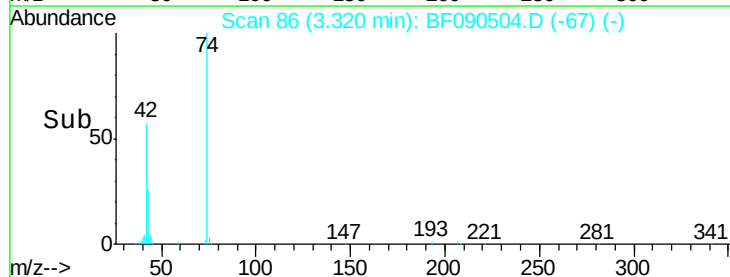
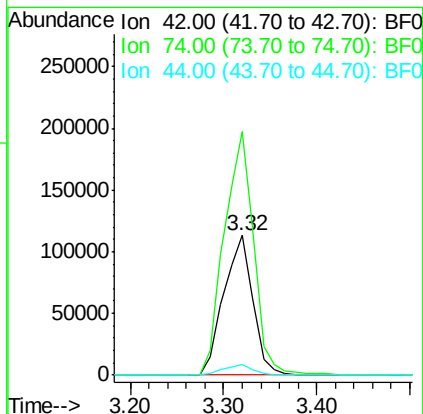
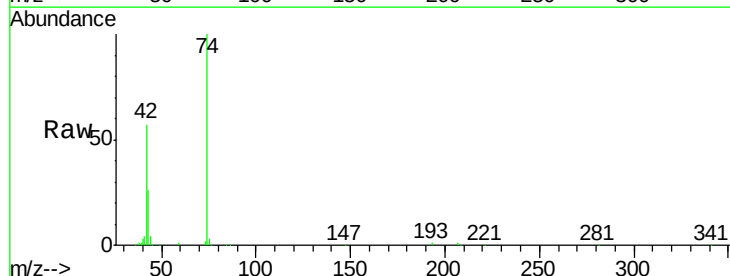
Acq: 11 Oct 2016 16:18

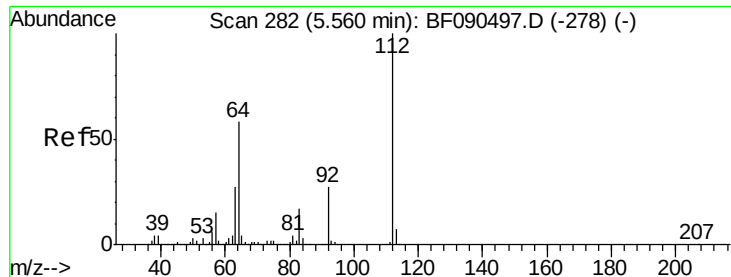
Tgt Ion: 42 Resp: 247336
Ion Ratio Lower Upper

42 100

74 174.2 88.9 133.3#

44 7.8 6.5 9.7





#5

2-Fluorophenol

Concen: 83.79 ng

RT: 5.56 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1155345

Ion Ratio Lower Upper

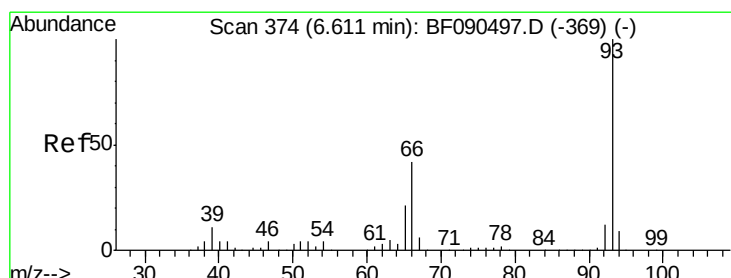
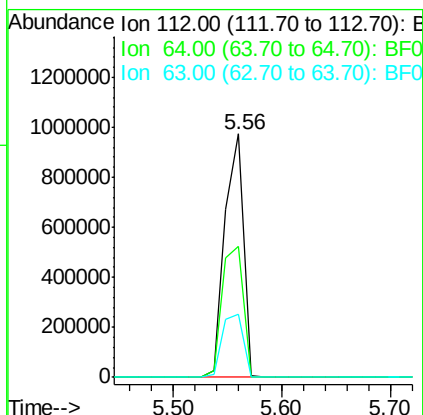
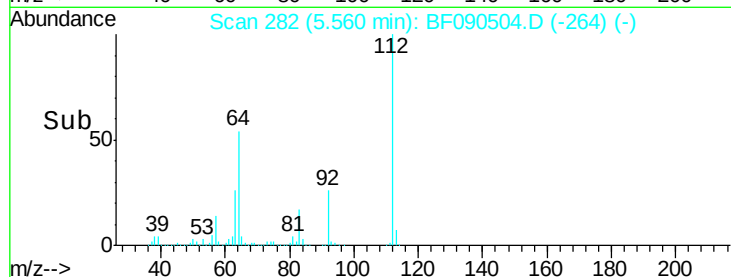
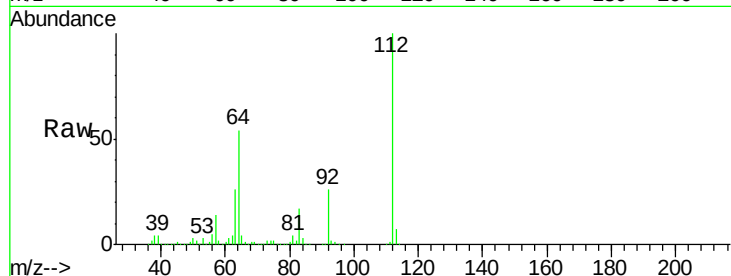
112 100

64 53.8 57.9 86.9#

63 25.8 29.6 44.4#

Manual Integrations
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#6

Aniline

Concen: 39.45 ng

RT: 6.61 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

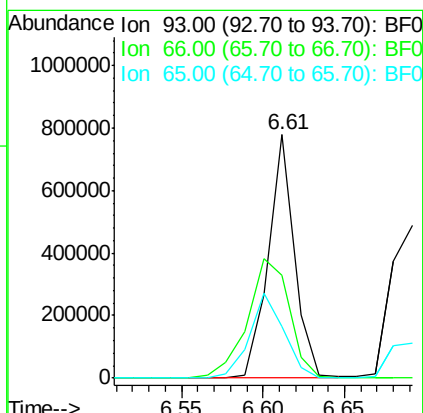
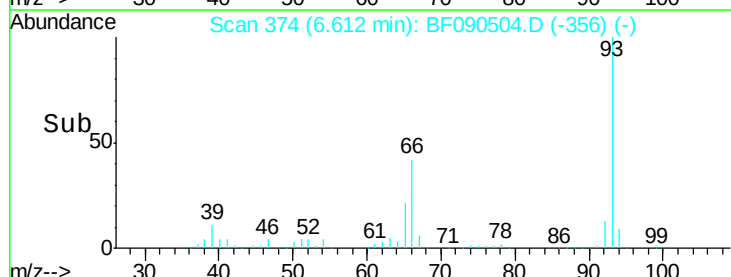
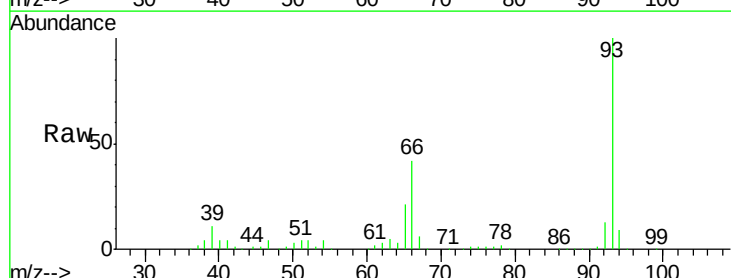
Tgt Ion: 93 Resp: 870791

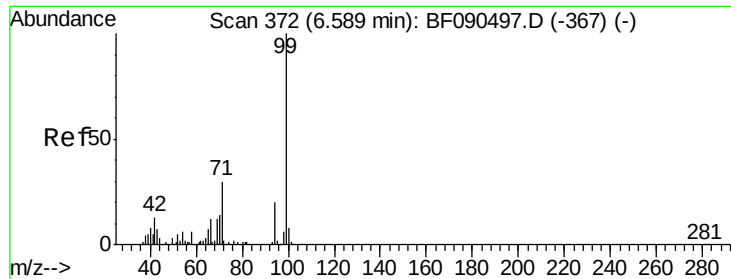
Ion Ratio Lower Upper

93 100

66 42.0 34.5 51.7

65 21.0 18.2 27.2





#7

Phenol-d6

Concen: 83.68 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1455980

Ion Ratio Lower Upper

99 100

42 13.3 20.0 30.0#

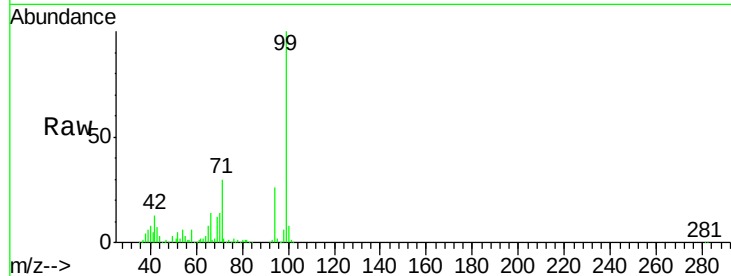
71 29.9 27.9 41.9

Manual Integrations

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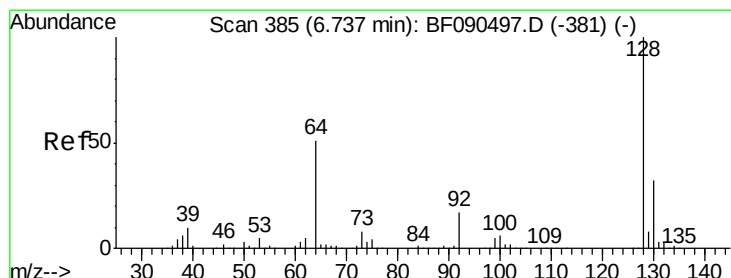
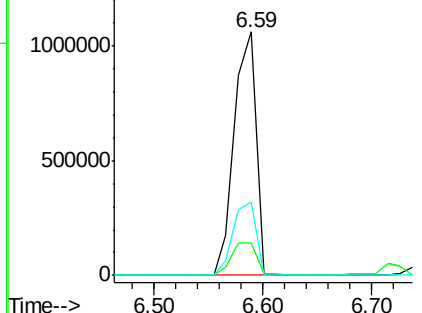
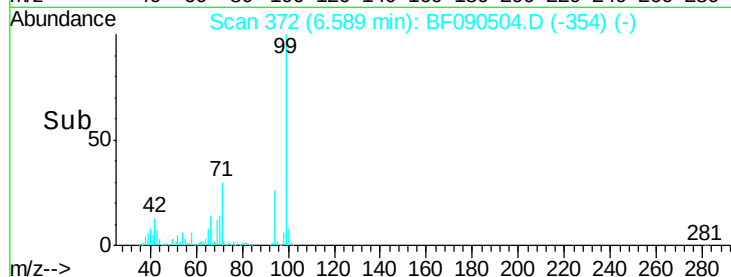
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.69 ng

RT: 6.74 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF090504.D

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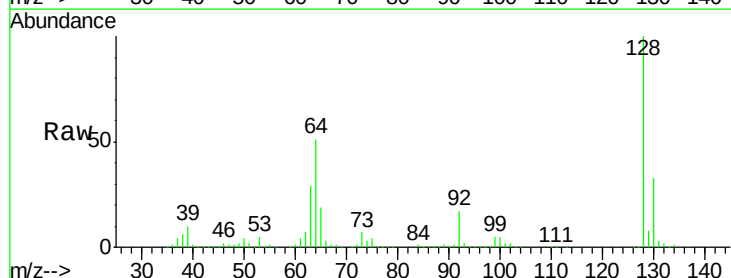
Tgt Ion: 128 Resp: 596764

Ion Ratio Lower Upper

128 100

130 32.8 13.3 53.3

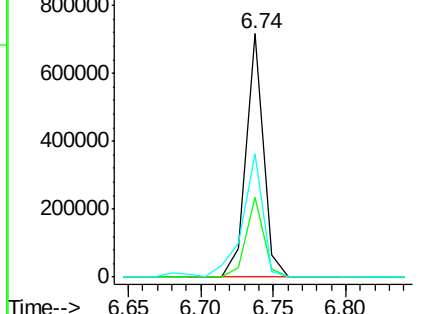
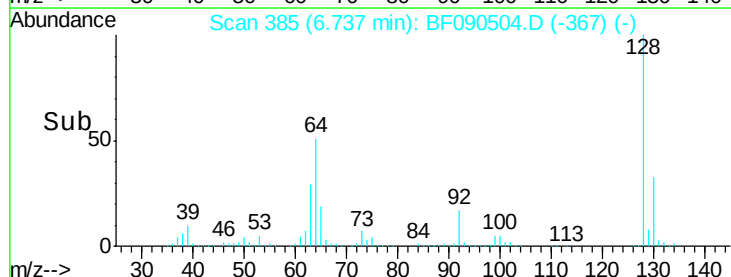
64 50.7 36.0 76.0

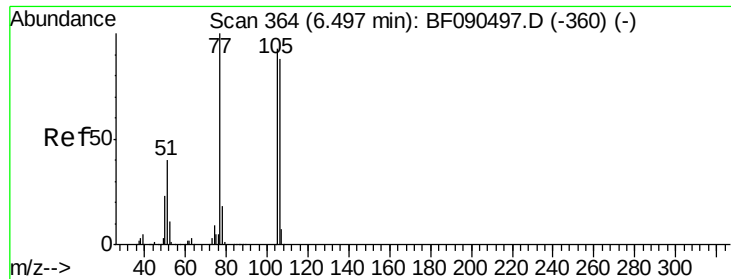


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.28 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

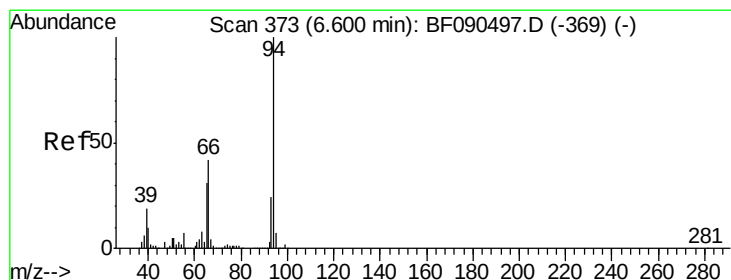
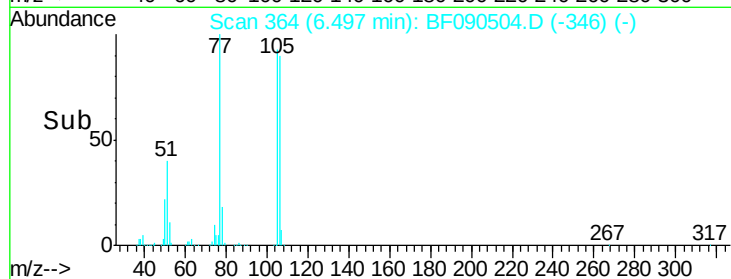
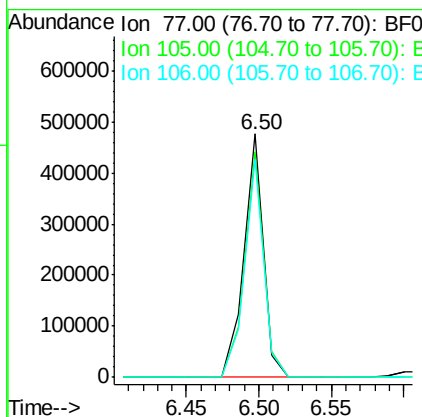
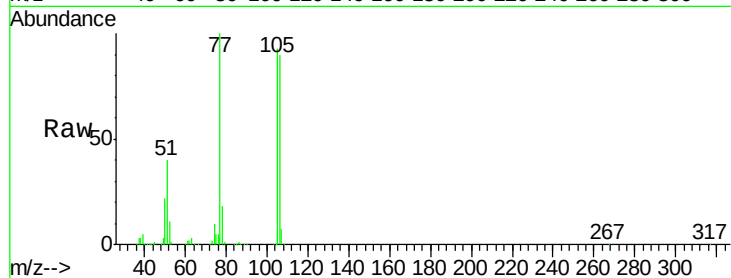
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	441553
Ion Ratio	Lower	Upper	
77	100		
105	92.8	73.1	113.1
106	89.7	70.2	110.2

Manual Integrations
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#10

Phenol

Concen: 44.34 ng

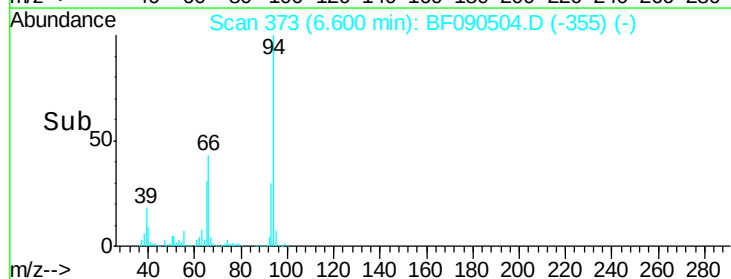
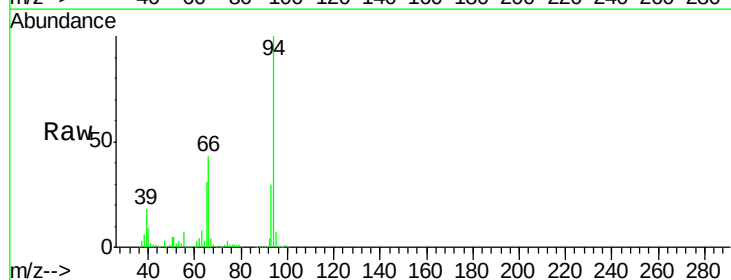
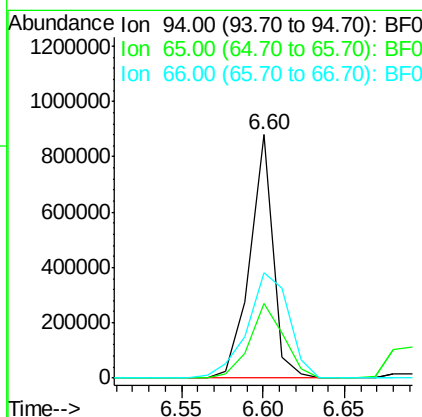
RT: 6.60 min Scan# 373

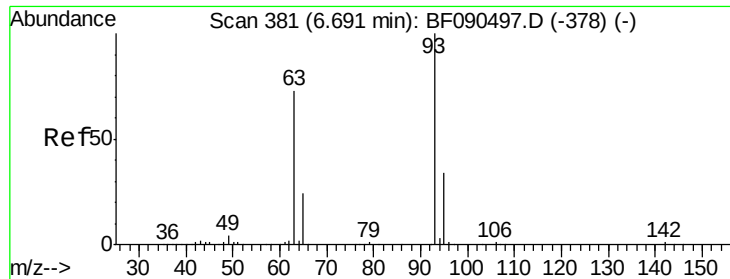
Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Tgt Ion:	94	Resp:	870319
Ion Ratio	Lower	Upper	
94	100		
65	30.9	13.3	53.3
66	43.3	20.4	60.4





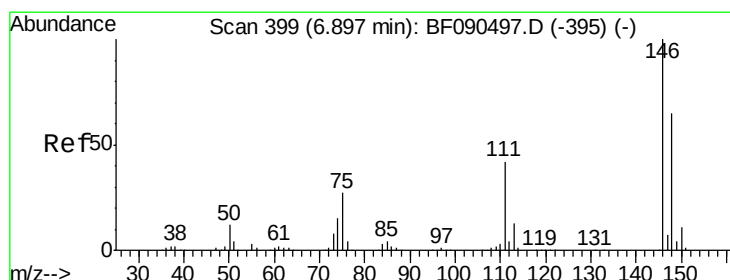
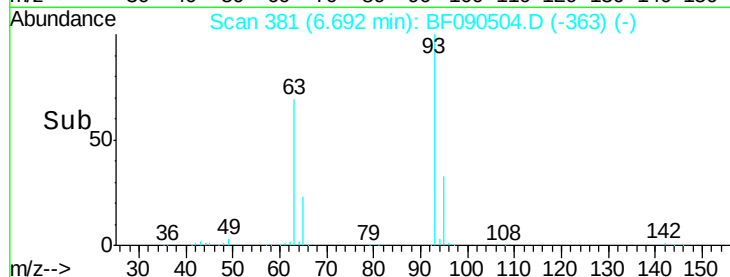
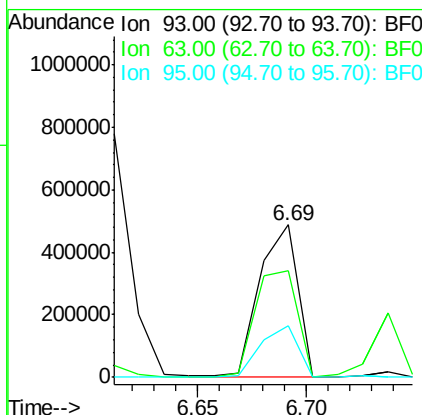
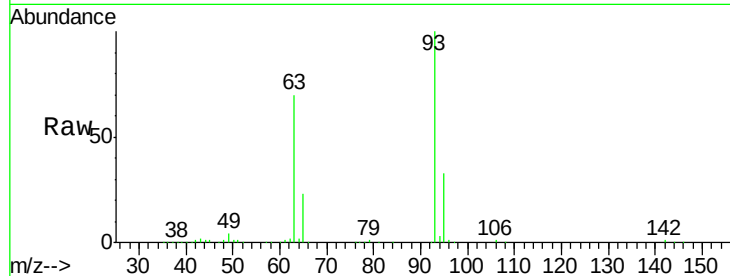
#11
bis(2-Chloroethyl)ether
Concen: 40.75 ng
RT: 6.69 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	598635		
63	70.1	59.7	99.7	
95	33.4	14.0	54.0	

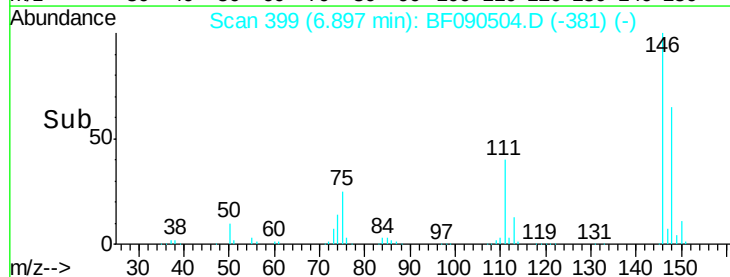
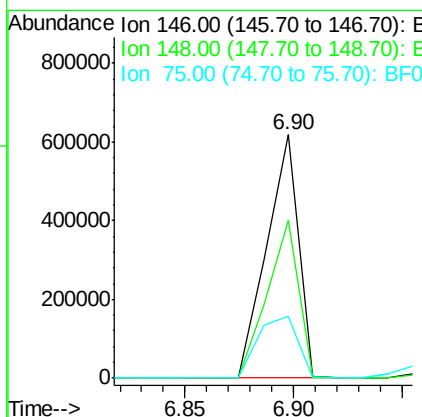
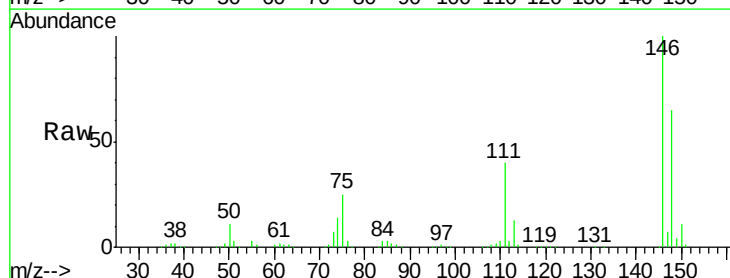
Manual Integrations
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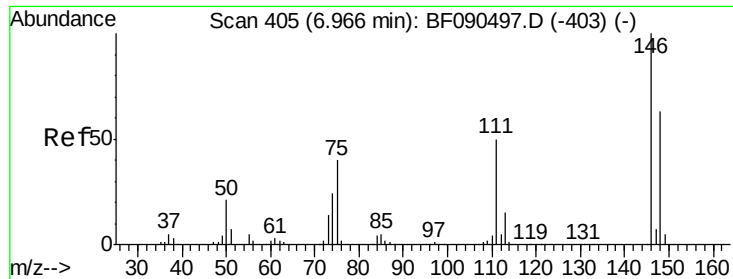
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#12
1,3-Dichlorobenzene
Concen: 40.21 ng
RT: 6.90 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	636273		
148	64.9	52.2	78.4	
75	25.2	21.4	32.2	





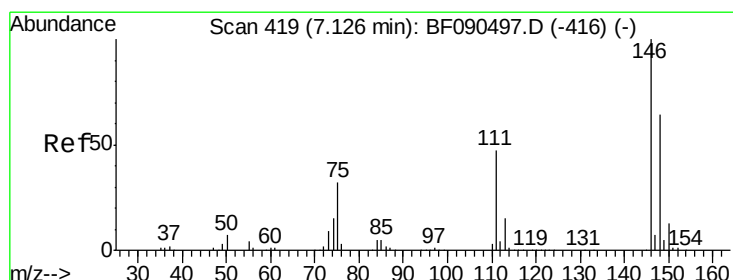
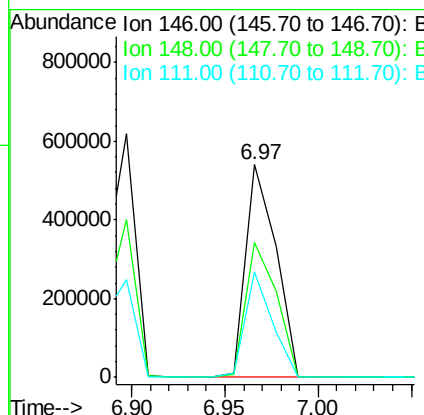
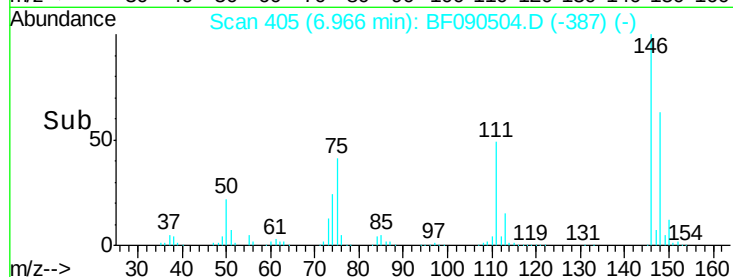
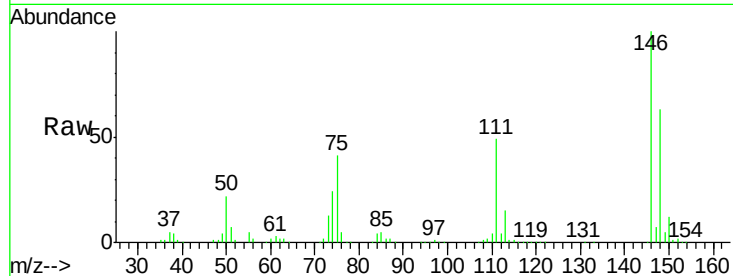
#13
 1,4-Dichlorobenzene
 Concen: 37.62 ng
 RT: 6.97 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	49.3	37.8	56.6

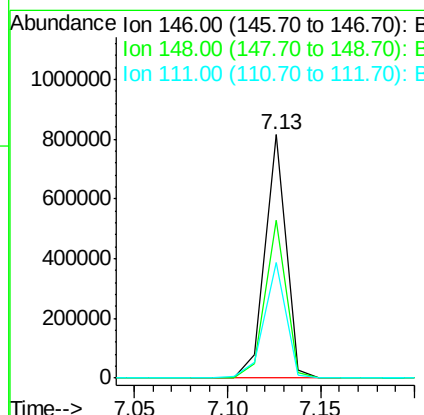
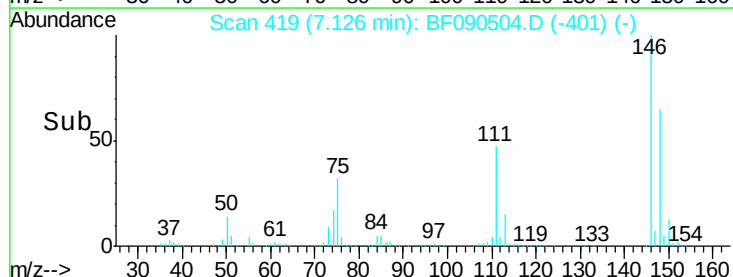
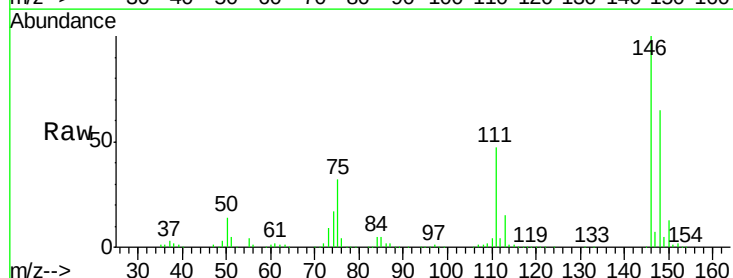
Manual Integrations
 APPROVED

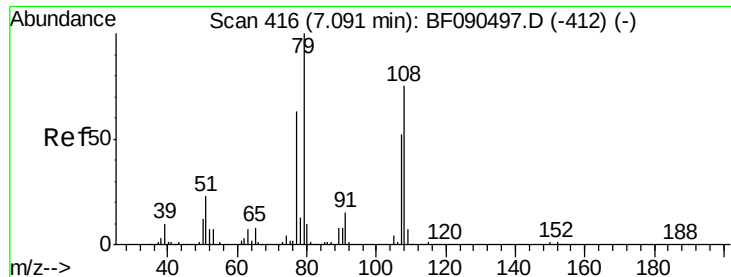
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#14
 1,2-Dichlorobenzene
 Concen: 43.10 ng
 RT: 7.13 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.3	78.5
111	47.4	38.2	57.4





#15

Benzyl Alcohol

Concen: 37.97 ng

RT: 7.09 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

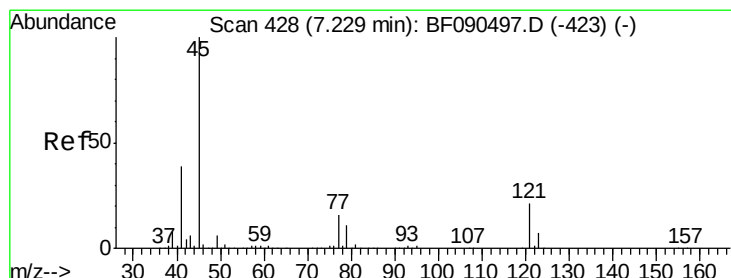
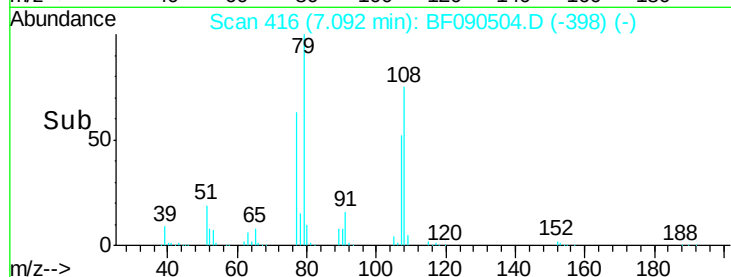
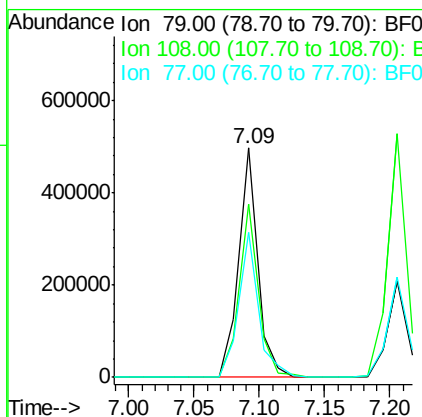
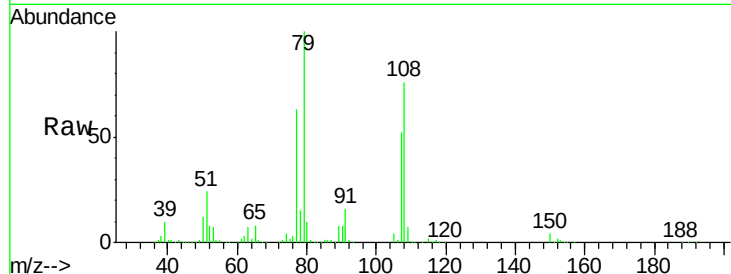
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	507234
Ion Ratio	Lower	Upper	
79	100		
108	75.6	60.9	91.3
77	63.3	51.5	77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.92 ng

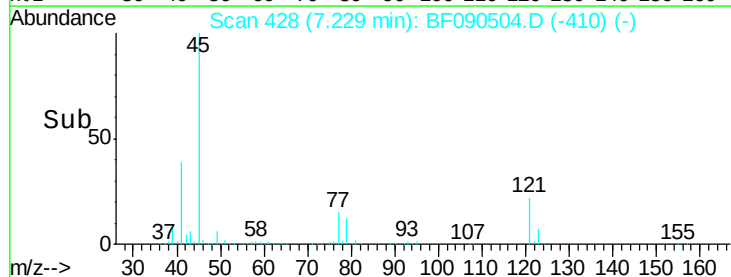
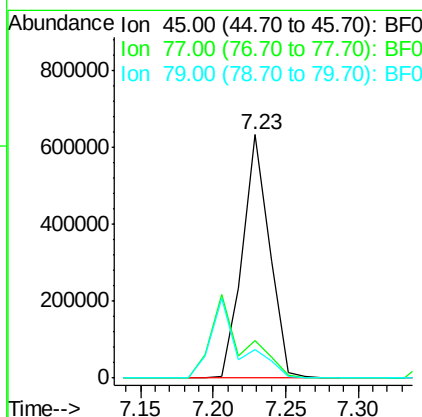
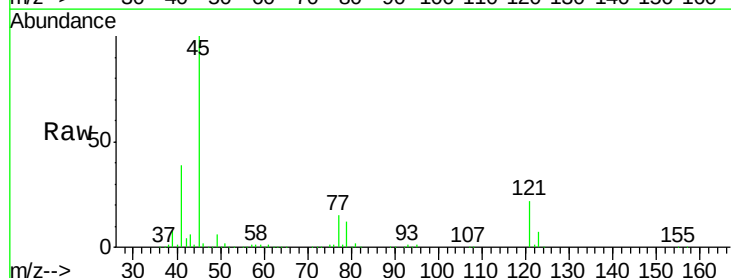
RT: 7.23 min Scan# 428

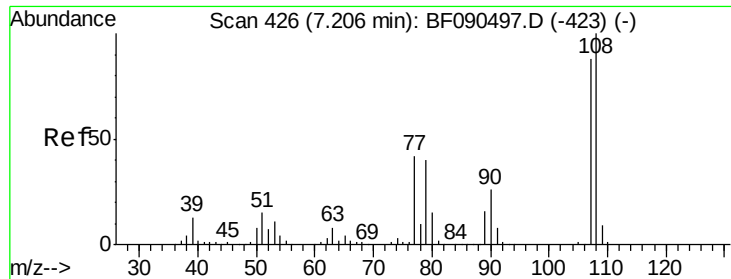
Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Tgt Ion:	45	Resp:	819488
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	30.8
79	11.7	0.0	28.2





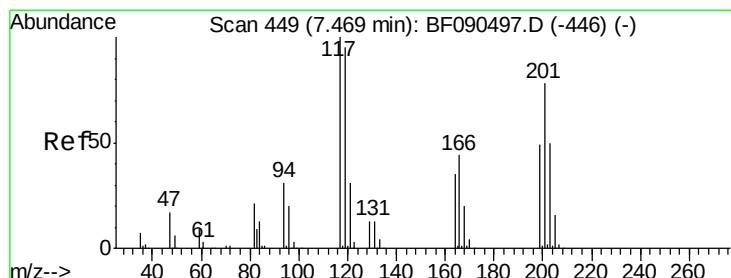
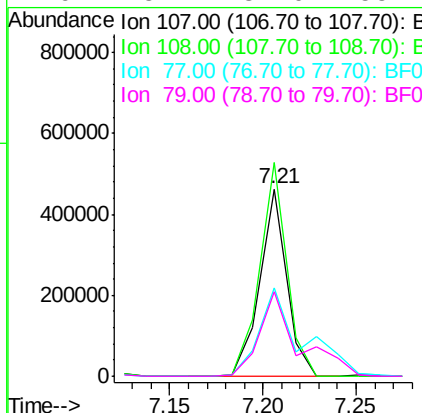
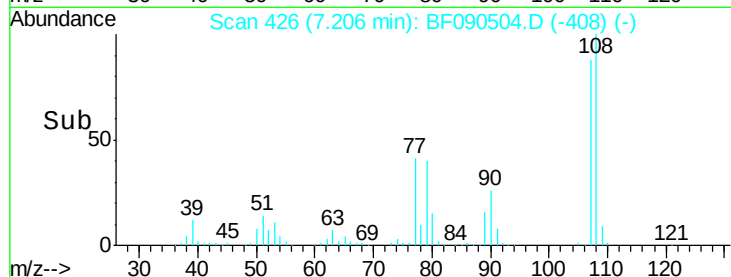
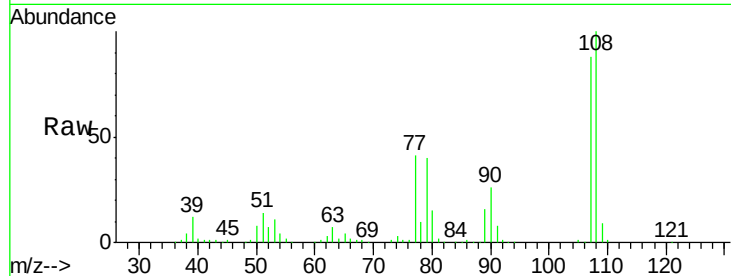
#17
2-Methylphenol
Concen: 38.48 ng
RT: 7.21 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	459071		
108	114.1	90.9	136.3	
77	47.0	38.2	57.4	
79	45.2	37.0	55.4	

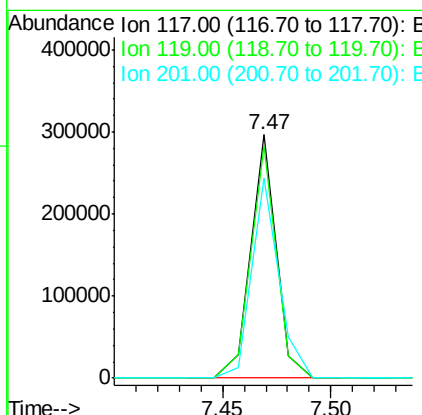
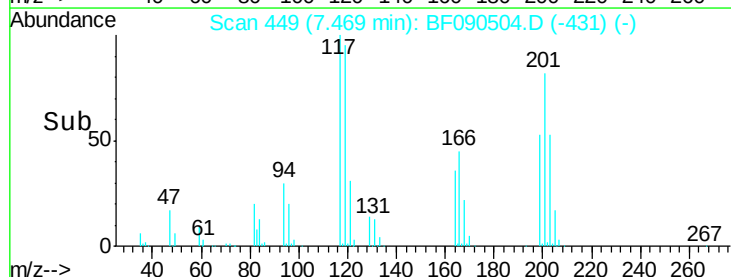
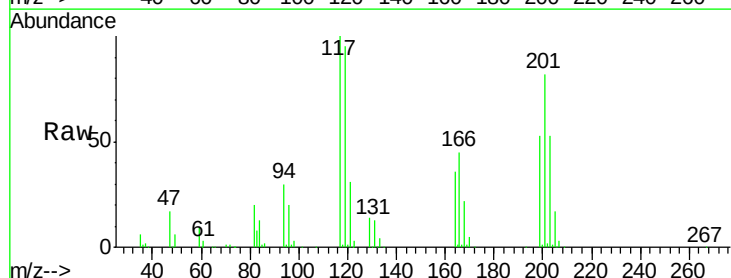
Manual Integrations
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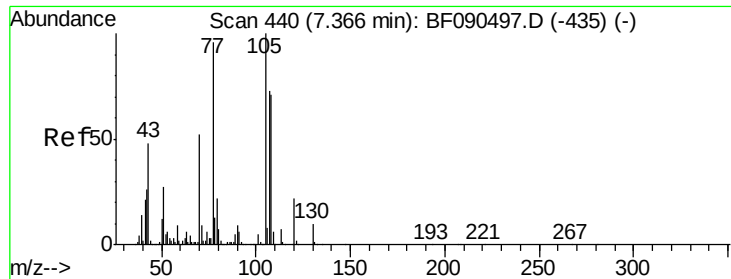
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#18
Hexachloroethane
Concen: 40.60 ng
RT: 7.47 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	241935		
119	95.4	75.9	113.9	
201	82.2	66.5	99.7	





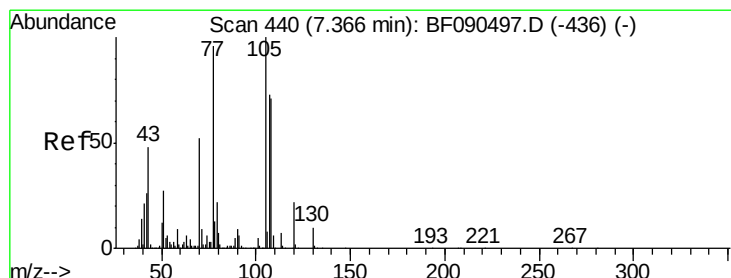
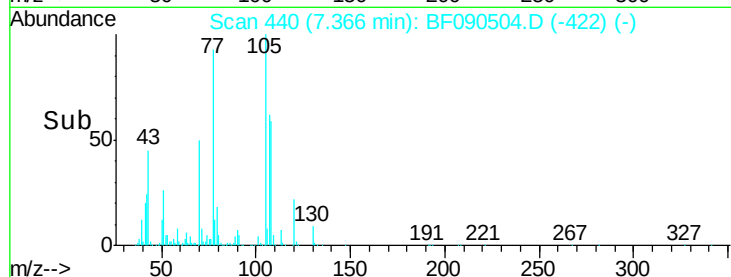
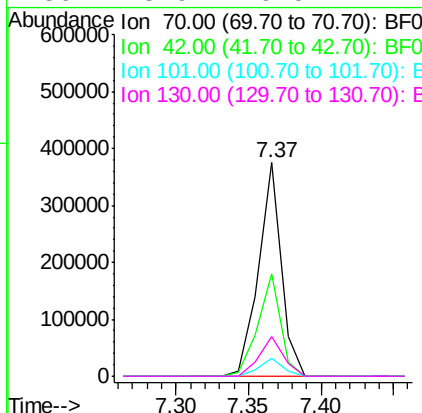
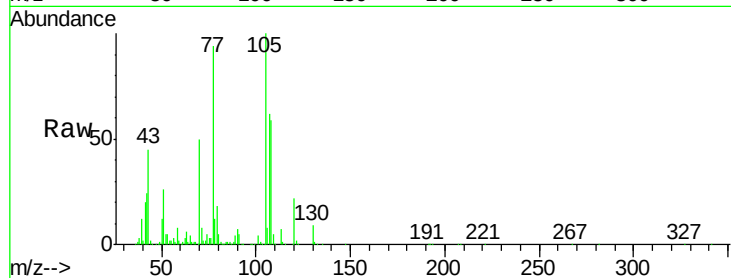
#19
n-Nitroso-di-n-propylamine
Concen: 36.69 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	48.1	55.4	83.2#	
101	8.6	7.6	11.4	
130	18.9	16.5	24.7	

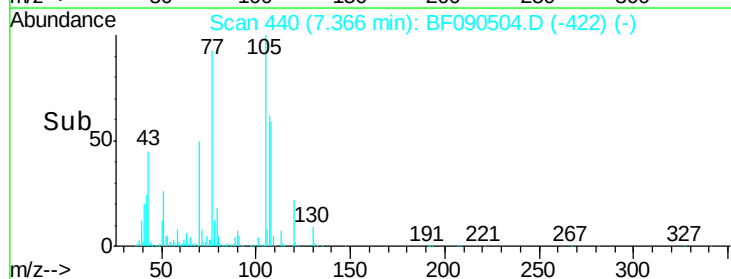
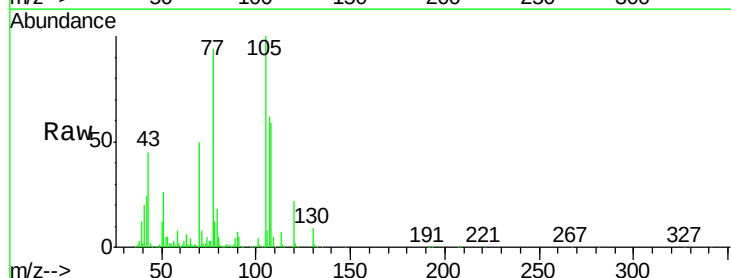
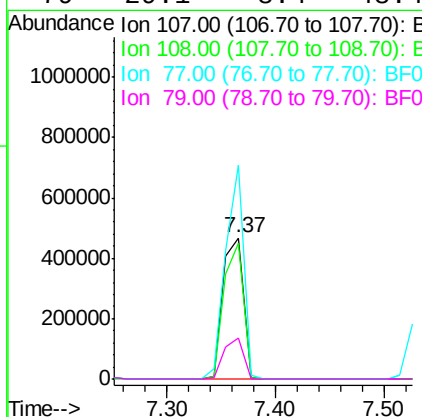
Manual Integrations
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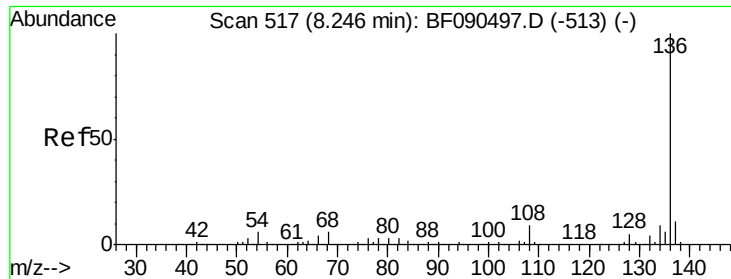
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#20
3+4-Methylphenols
Concen: 40.44 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	96.0	66.7	106.7	
77	151.3	53.7	93.7#	
79	29.1	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

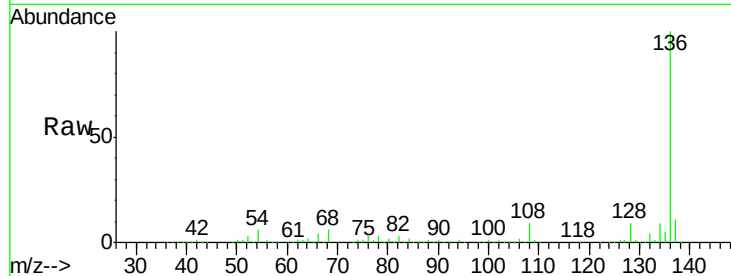
ClientSampleId :

SSTDCCC040

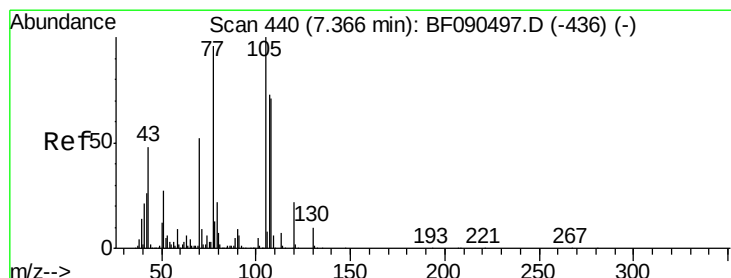
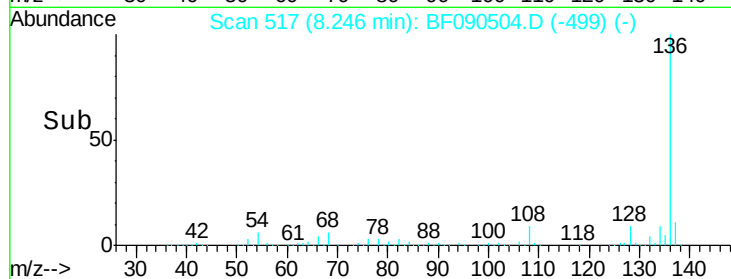
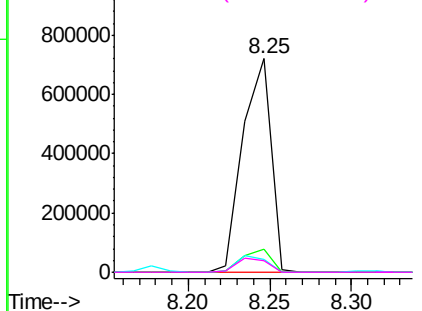
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		867572		
137	10.7		9.0	13.6	
54	6.0		6.6	10.0	
68	5.7		5.0	7.6	

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Abundance Ion 136.00 (135.70 to 136.70): E



#22

Acetophenone

Concen: 41.75 ng

RT: 7.37 min Scan# 440

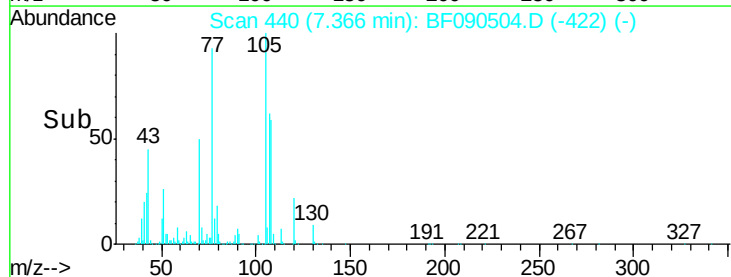
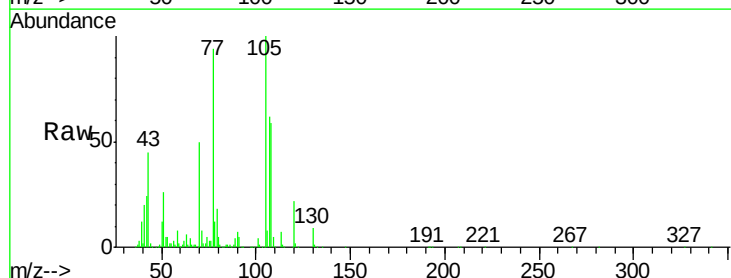
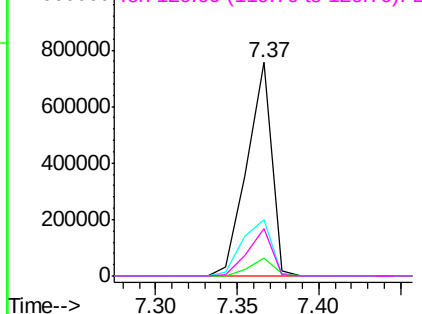
Delta R.T. 0.00 min

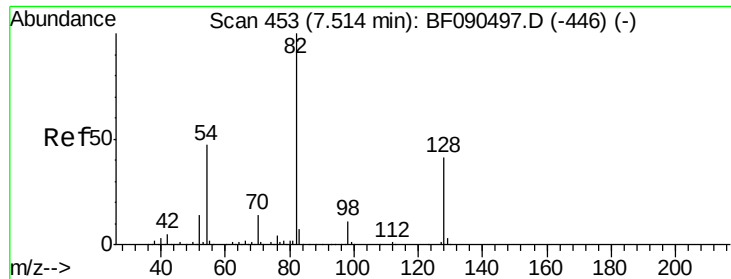
Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		797422		
71	8.5		3.8	5.6	
51	26.5		28.2	42.4	
120	22.0		17.4	26.2	

Abundance Ion 105.00 (104.70 to 105.70): E





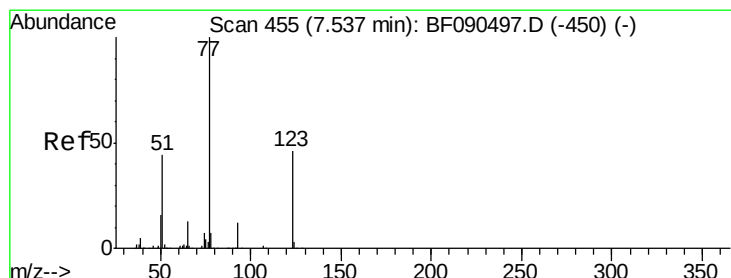
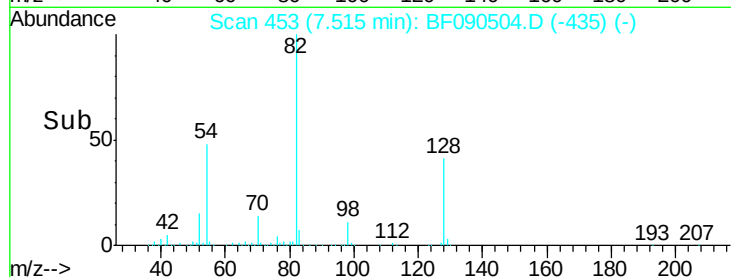
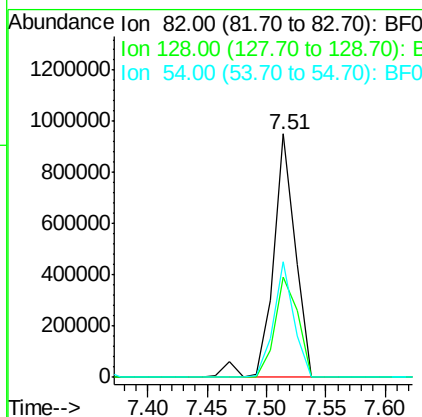
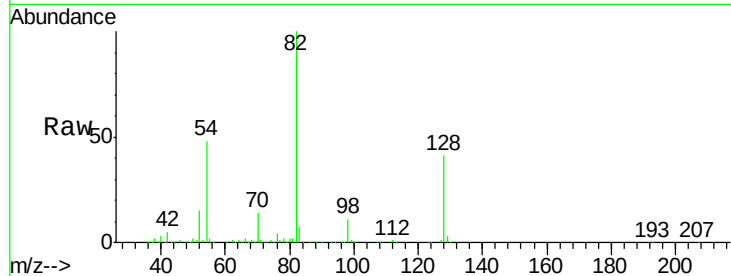
#23
 Nitrobenzene-d5
 Concen: 76.19 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	1218744
Ion Ratio	100	Lower	Upper
82	100		
128	41.2	40.0	60.0
54	47.5	42.6	64.0

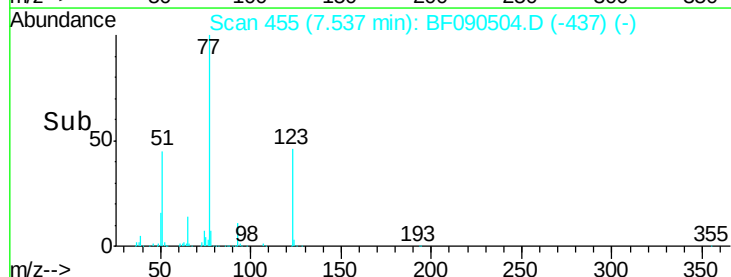
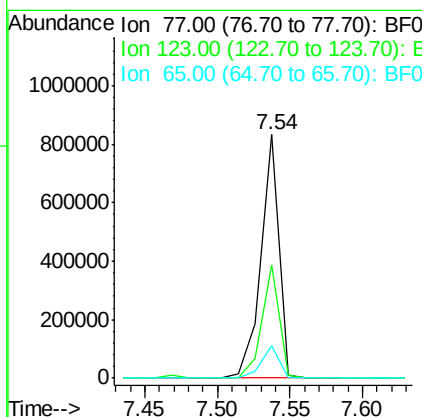
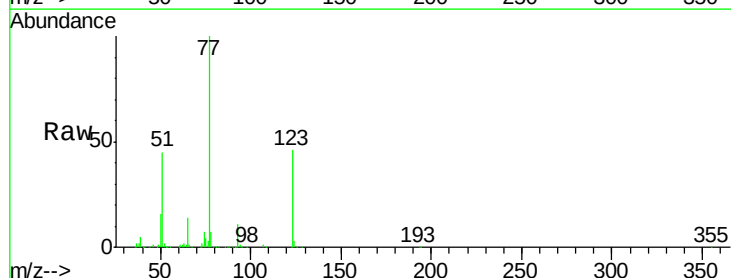
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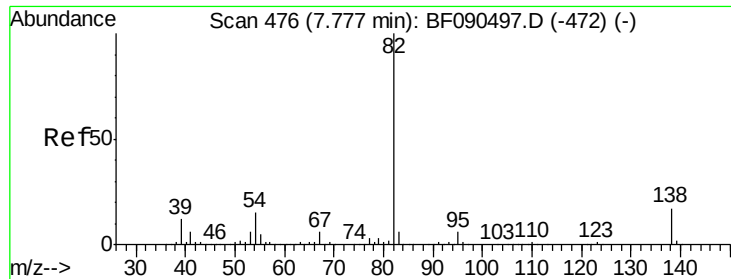
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#24
 Nitrobenzene
 Concen: 41.61 ng
 RT: 7.54 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion	77	Resp	713887
Ion Ratio	100	Lower	Upper
77	100		
123	46.4	33.0	49.4
65	13.5	12.0	18.0





#25

Isophorone

Concen: 38.65 ng

RT: 7.78 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1125033

Ion Ratio Lower Upper

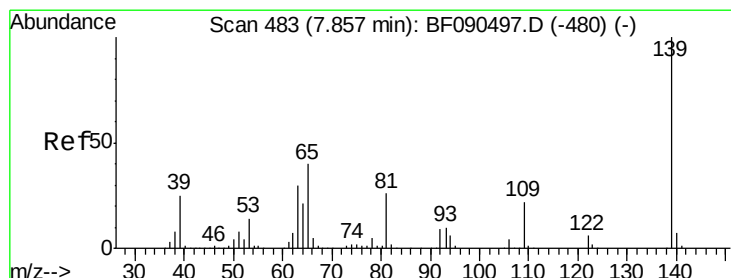
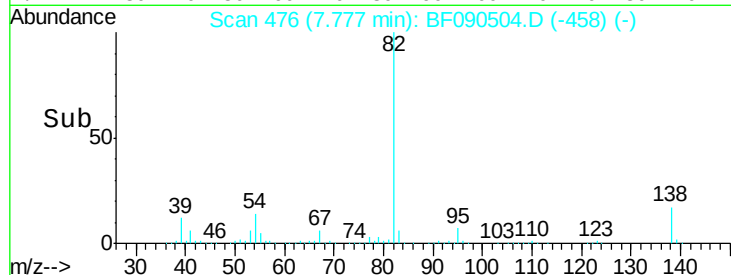
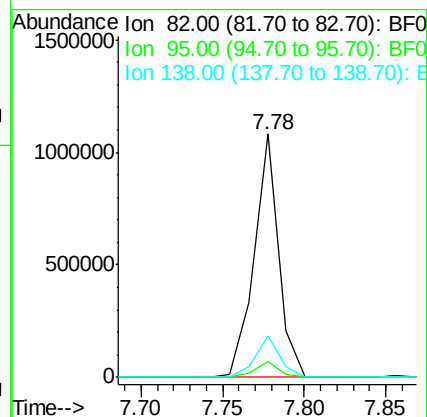
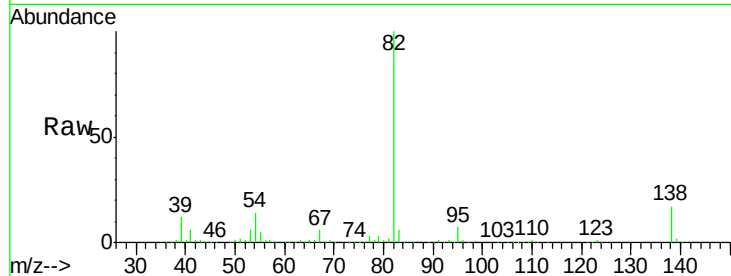
82 100

95 6.5 5.2 7.8

138 16.9 13.0 19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.17 ng

RT: 7.86 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

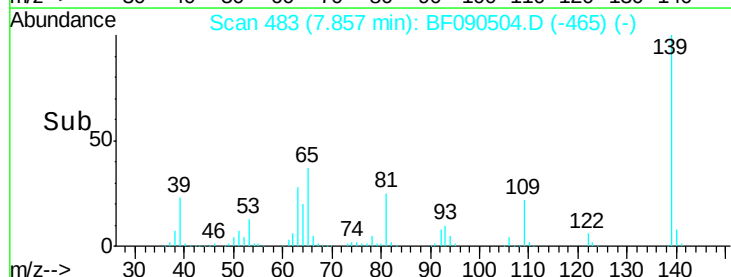
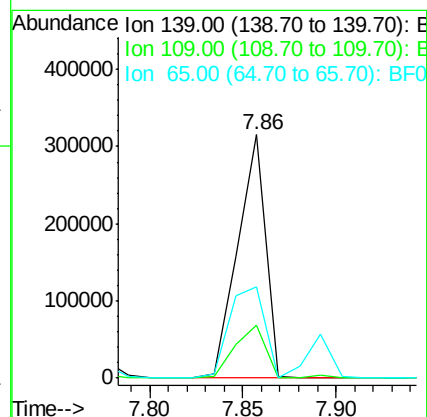
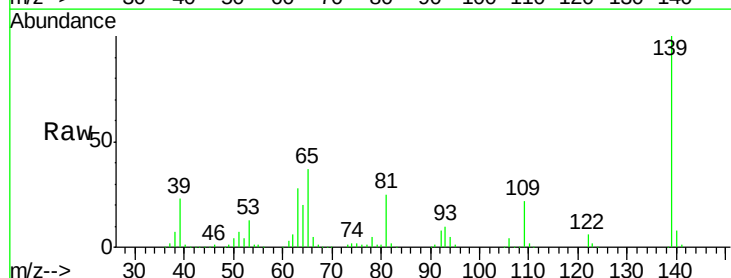
Tgt Ion: 139 Resp: 330089

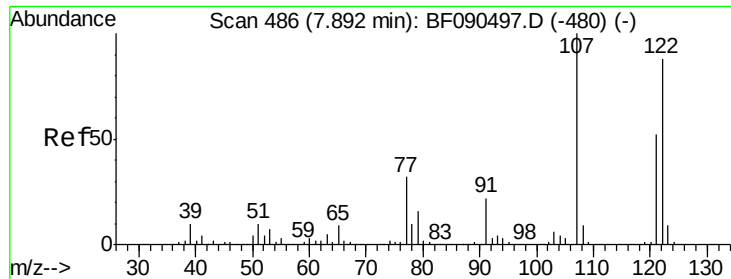
Ion Ratio Lower Upper

139 100

109 21.9 18.9 28.3

65 37.5 31.6 47.4





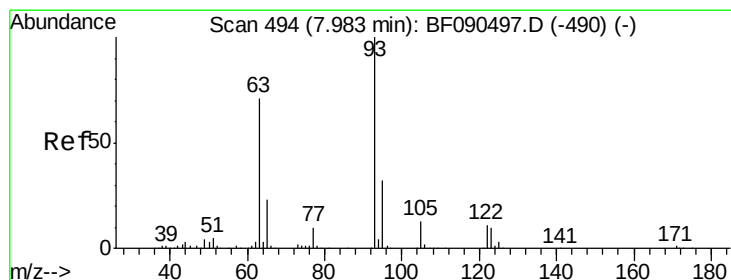
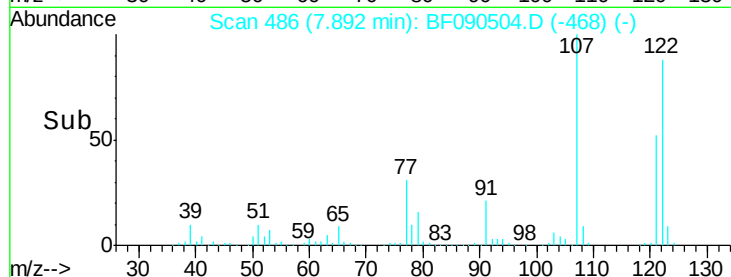
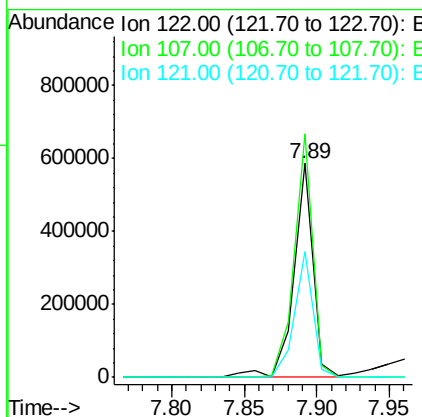
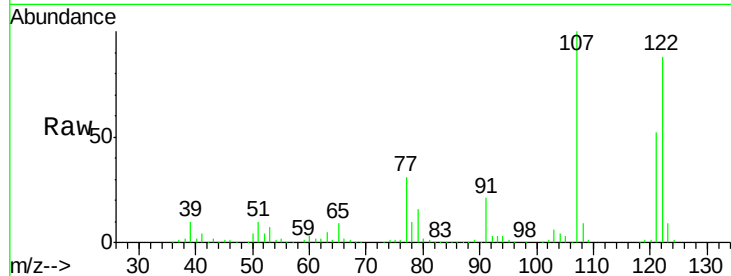
#27
 2,4-Dimethylphenol
 Concen: 40.69 ng
 RT: 7.89 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	541376		
107	113.9	88.6	132.8	
121	59.1	47.5	71.3	

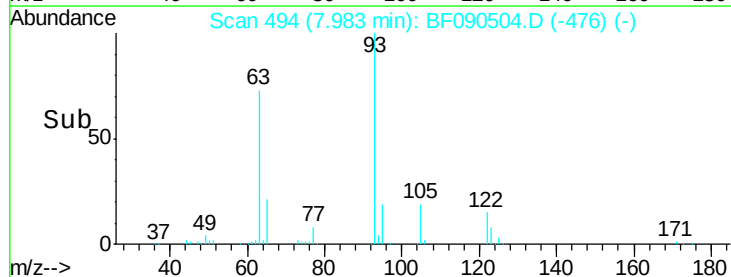
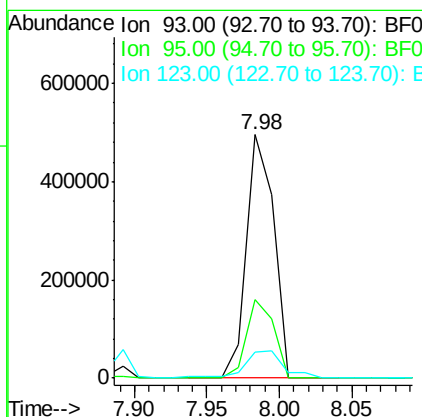
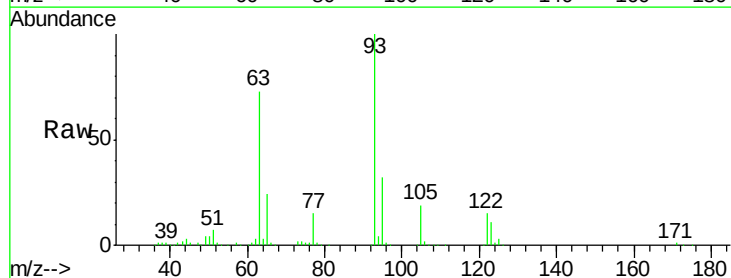
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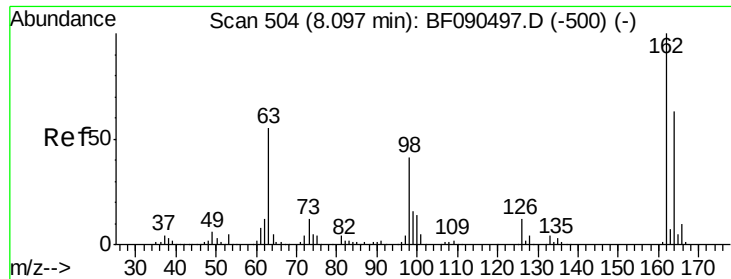
sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 35.84 ng
 RT: 7.98 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	644287		
95	32.5	27.0	40.4	
123	10.8	11.1	16.7	





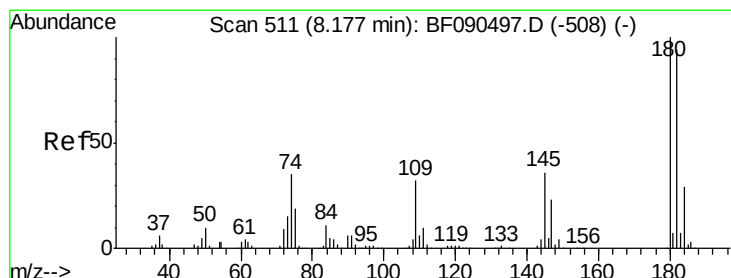
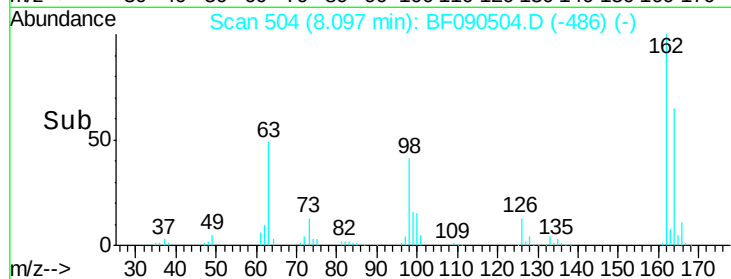
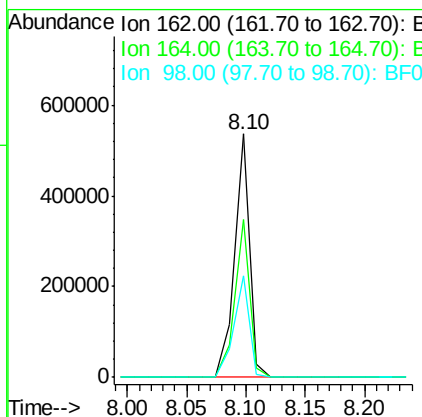
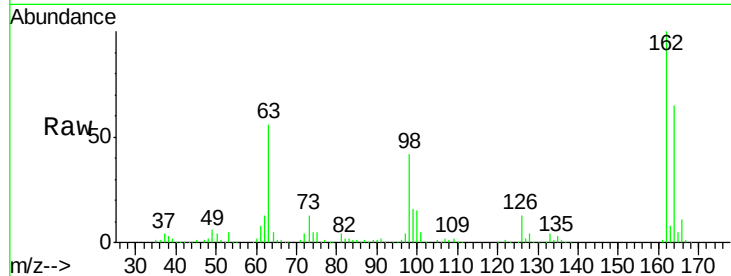
#29
2,4-Dichlorophenol
Concen: 42.30 ng
RT: 8.10 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	470702		
164	65.0		45.7	85.7
98	41.6		13.3	53.3

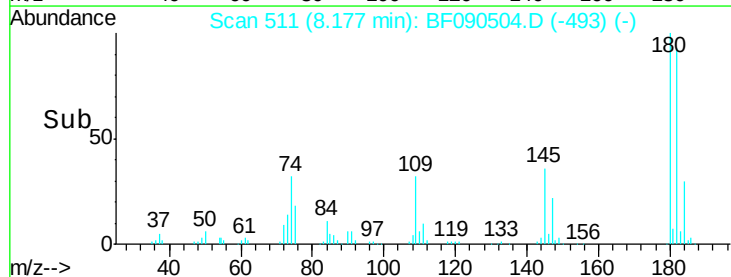
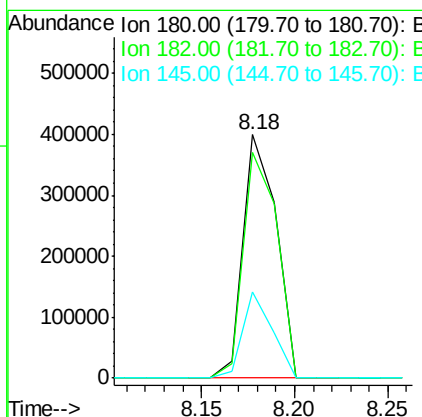
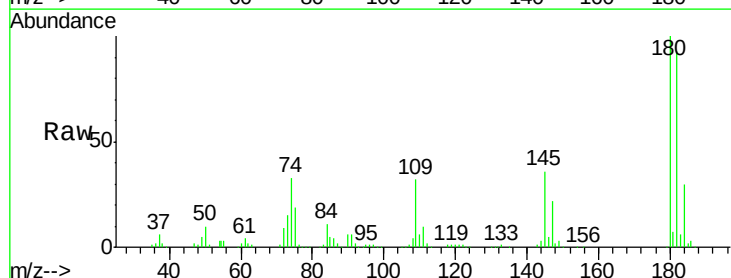
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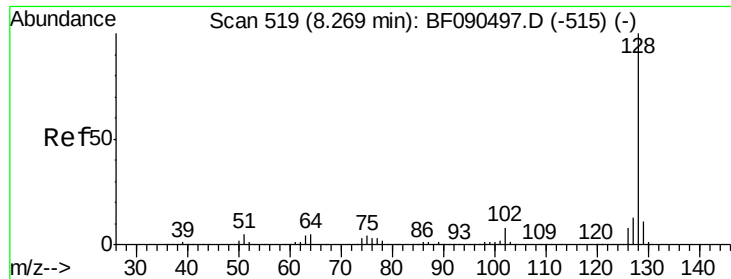
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#30
1,2,4-Trichlorobenzene
Concen: 38.38 ng
RT: 8.18 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	490576		
182	92.6		75.3	112.9
145	35.6		27.7	41.5





#31

Naphthalene

Concen: 38.83 ng

RT: 8.27 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1678281

Ion Ratio Lower Upper

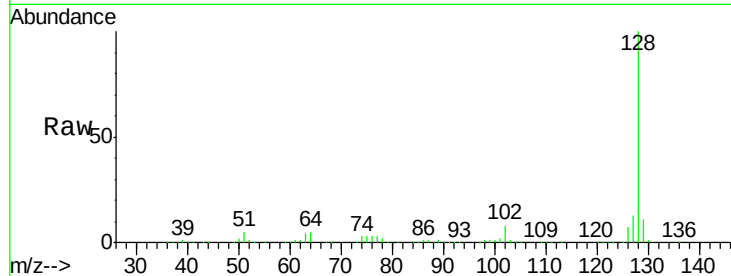
128 100

129 10.9 9.7 14.5

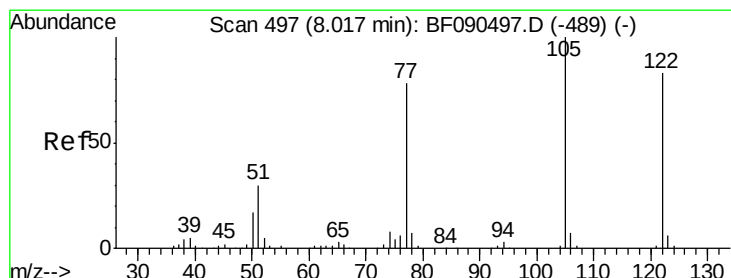
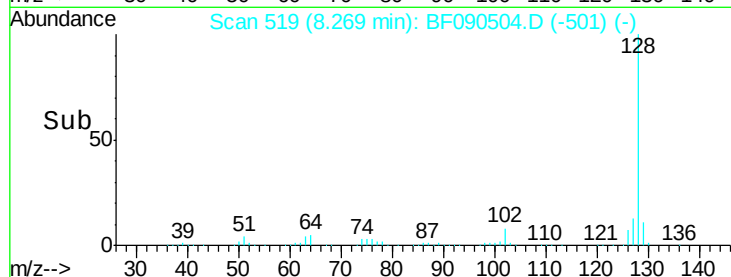
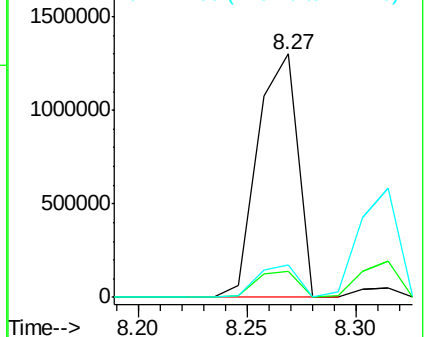
127 13.3 11.7 17.5

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



#32

Benzoic acid

Concen: 41.85 ng

RT: 8.02 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

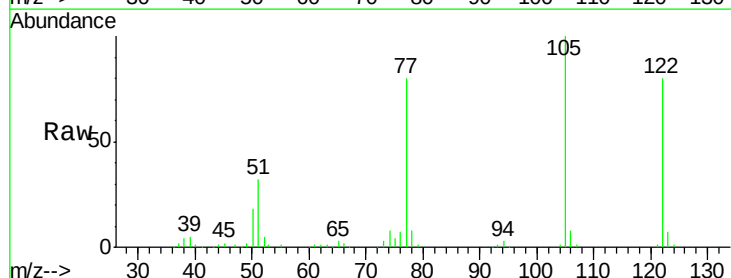
Tgt Ion:122 Resp: 439435

Ion Ratio Lower Upper

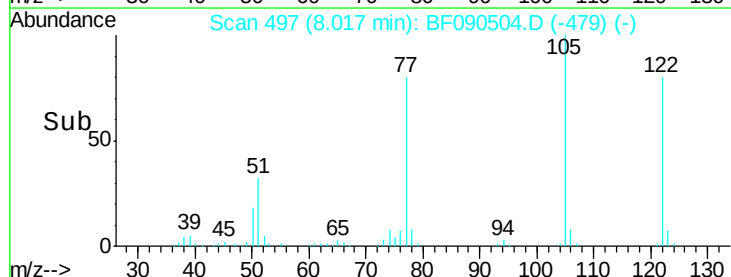
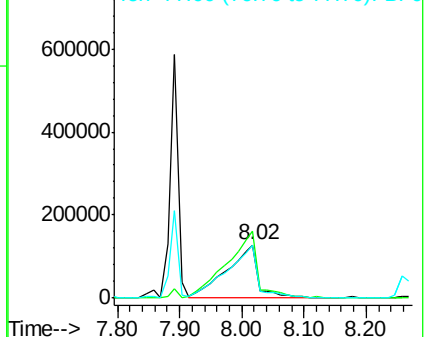
122 100

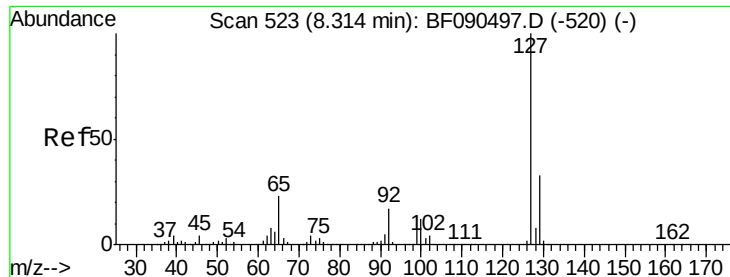
105 124.9 103.9 143.9

77 100.1 74.6 114.6



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





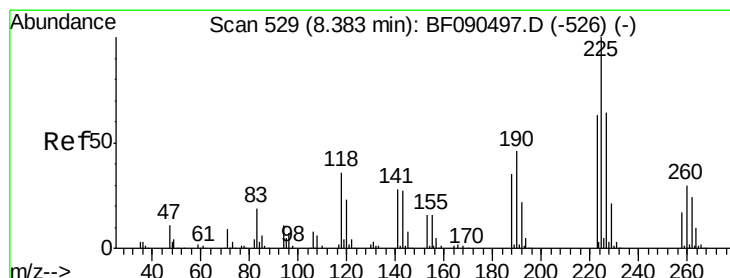
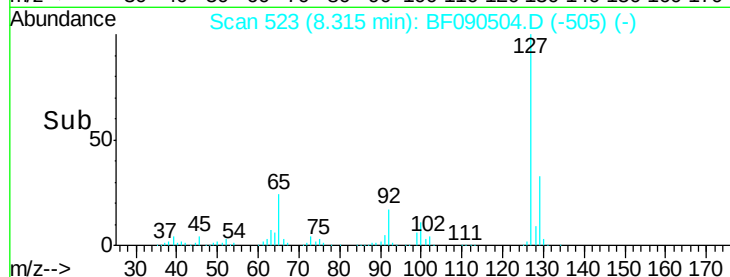
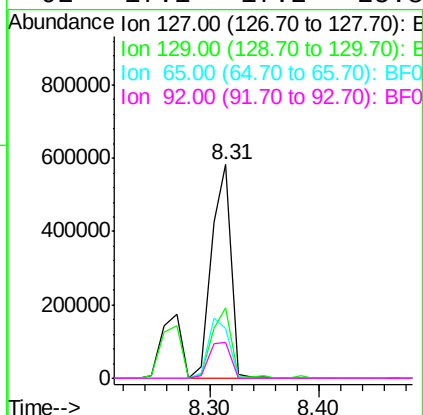
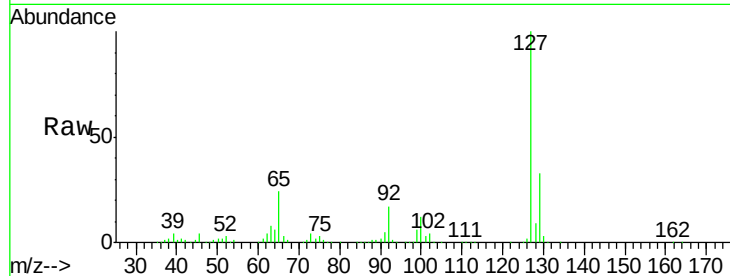
#33
4-Chloroaniline
Concen: 39.62 ng
RT: 8.31 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.2	39.4		
65	23.6	32.5	48.7		
92	17.1	17.2	25.8		

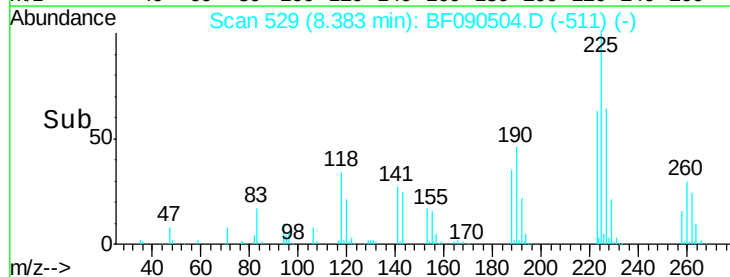
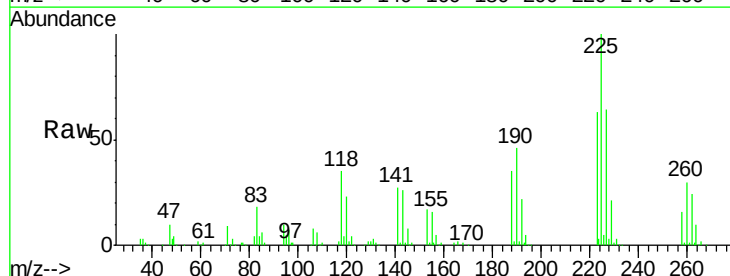
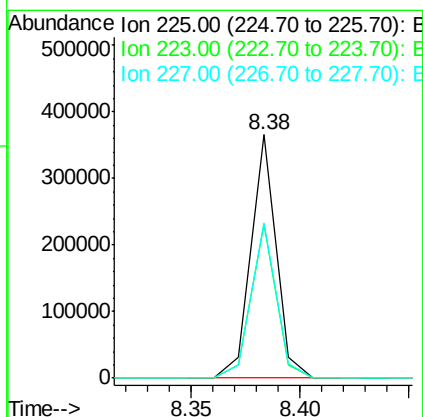
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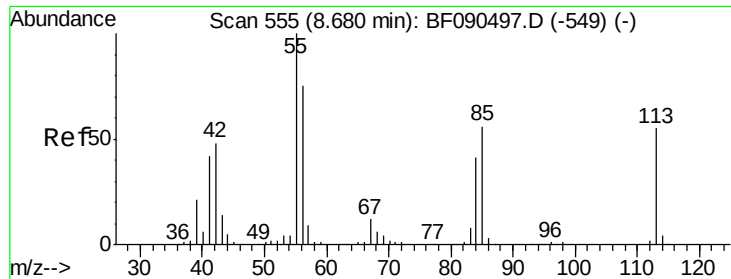
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#34
Hexachlorobutadiene
Concen: 41.17 ng
RT: 8.38 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	51.0	76.4		
227	63.7	50.8	76.2		





#35

Caprolactam

Concen: 38.76 ng

RT: 8.68 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 139842

Ion Ratio Lower Upper

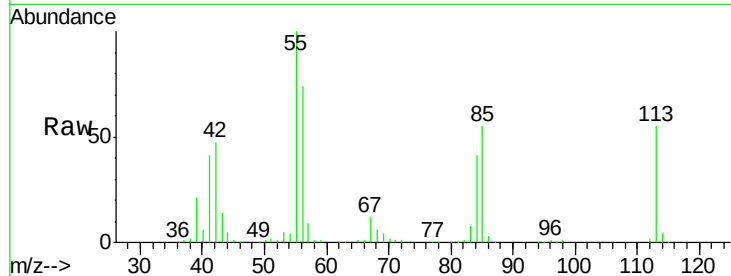
113 100

55 183.2 203.3 243.3#

56 134.7 140.5 180.5#

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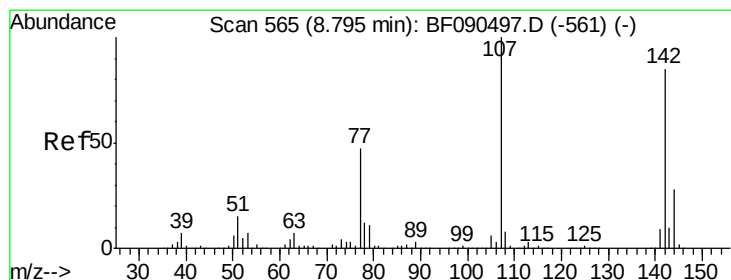
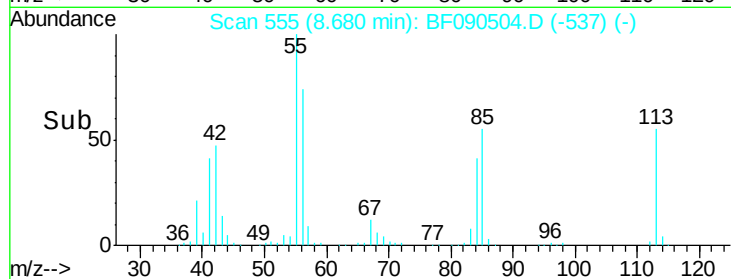
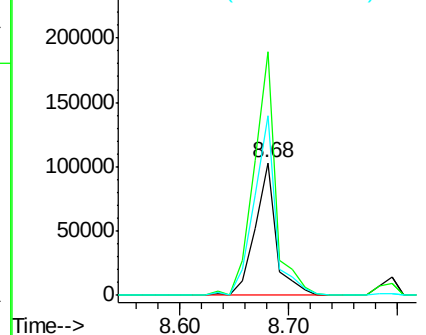
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.73 ng

RT: 8.79 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

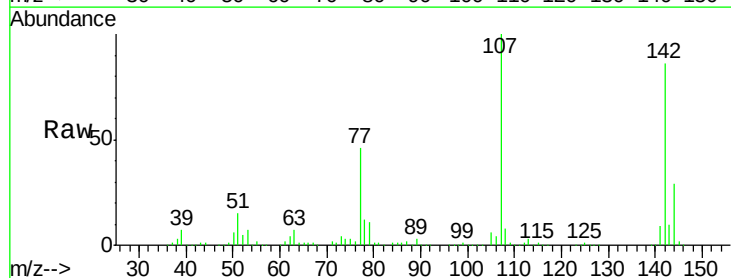
Tgt Ion:107 Resp: 542251

Ion Ratio Lower Upper

107 100

144 28.6 19.8 29.8

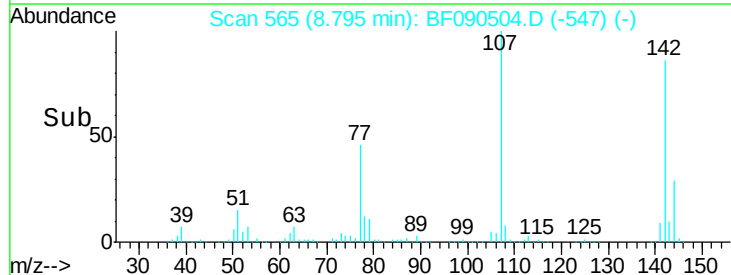
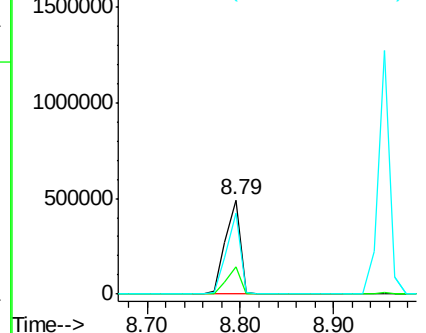
142 85.6 60.7 91.1

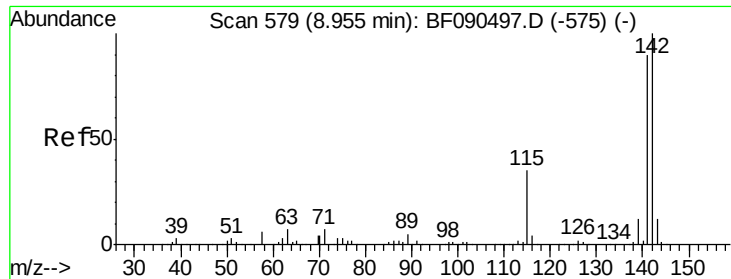


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





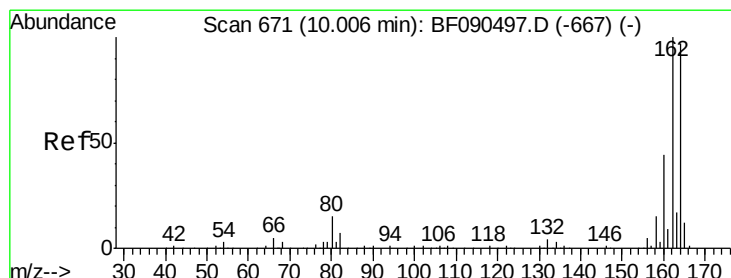
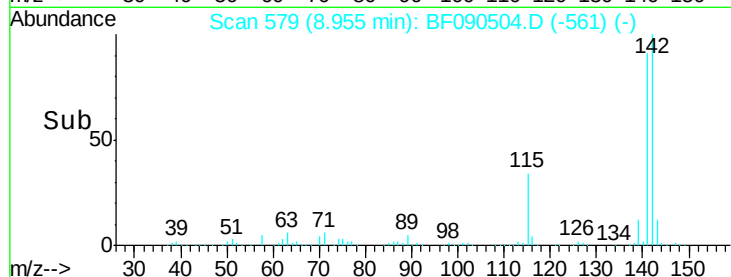
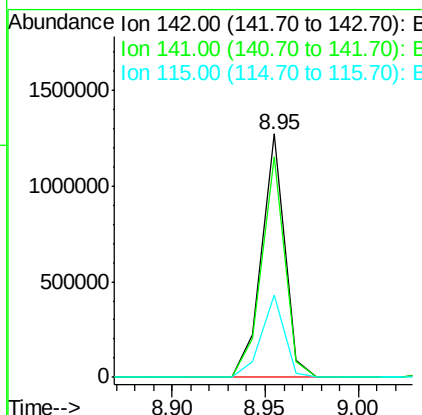
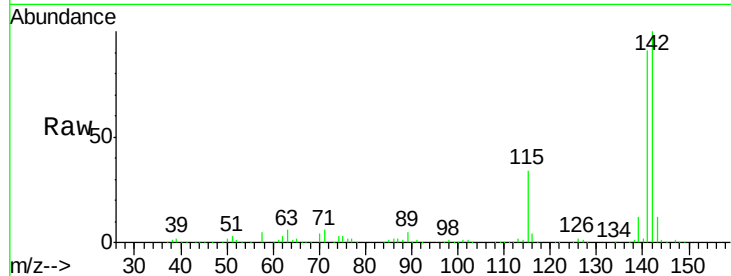
#37
 2-Methylnaphthalene
 Concen: 37.54 ng
 RT: 8.95 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.8	107.8
115	33.8	28.8	43.2

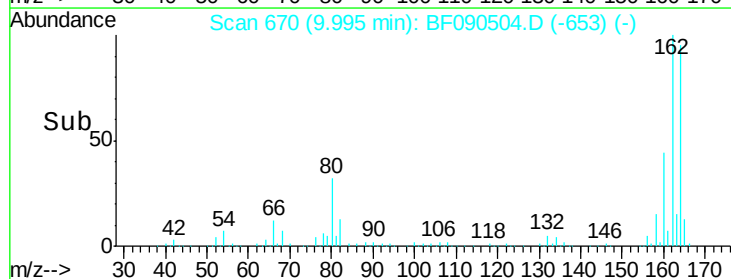
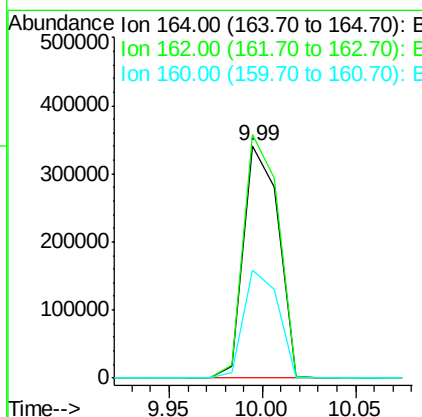
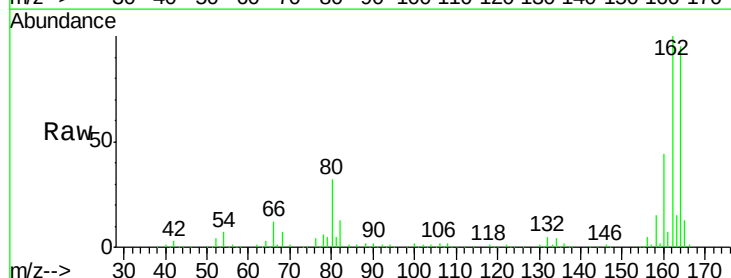
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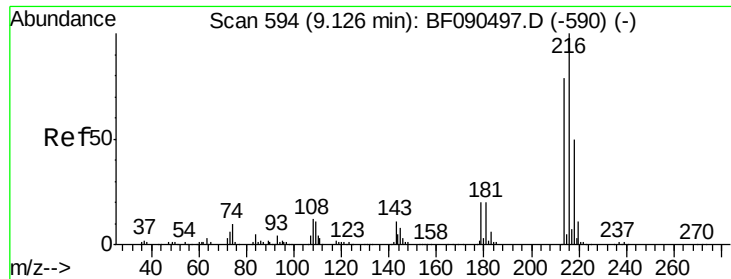
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.1	120.1
160	46.4	36.3	54.5





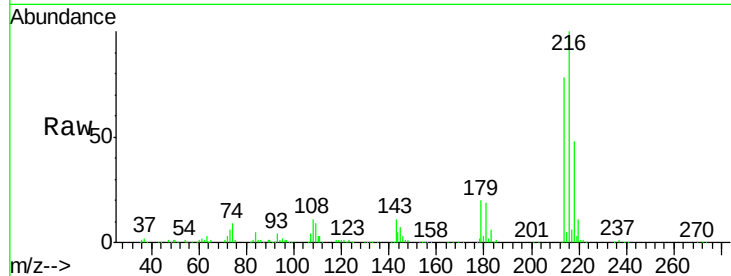
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.98 ng
 RT: 9.13 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

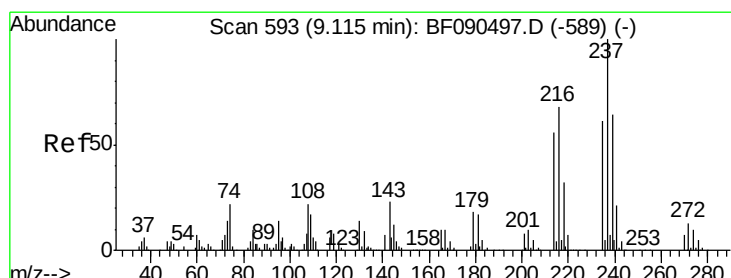
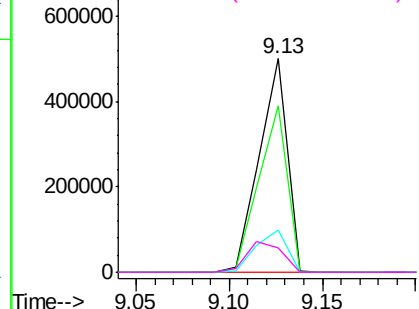
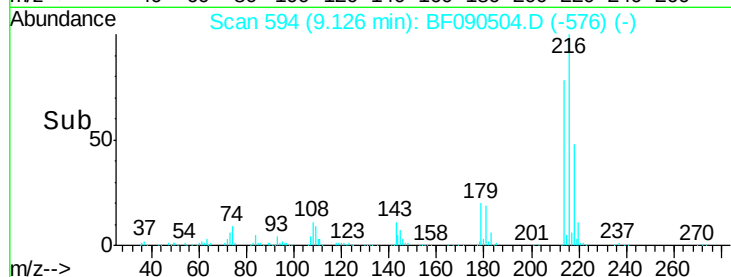
Tot Ion	Ratio	Resp	Lower	Upper
216	100	517230		
214	79.5	64.2	96.2	
179	21.8	18.0	27.0	
108	18.3	15.2	22.8	

Manual Integrations
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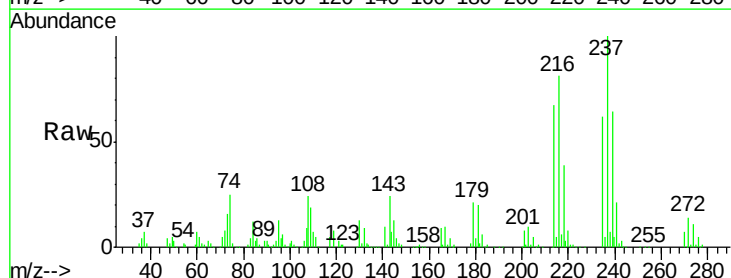


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

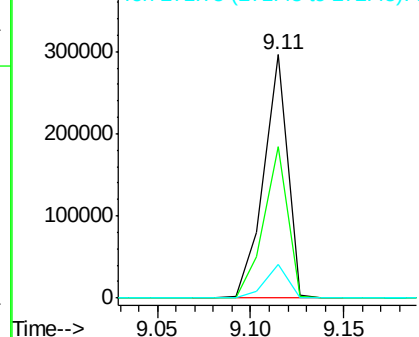
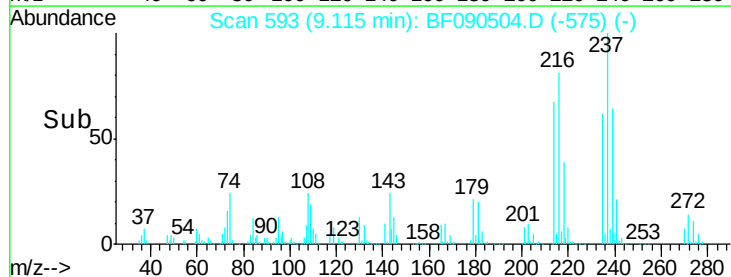


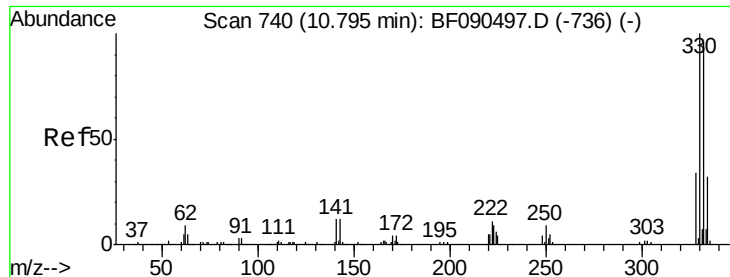
#40
 Hexachlorocyclopentadiene
 Concen: 42.75 ng
 RT: 9.11 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	261451		
235	62.4	43.6	83.6	
272	13.7	0.0	32.7	



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





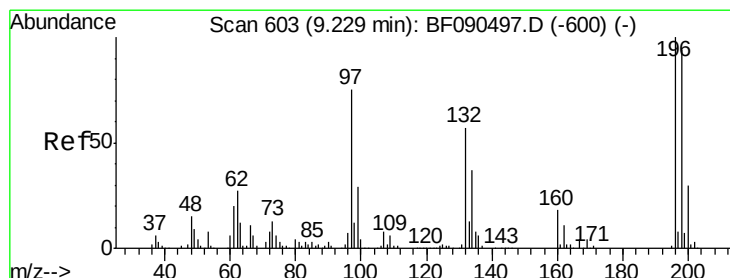
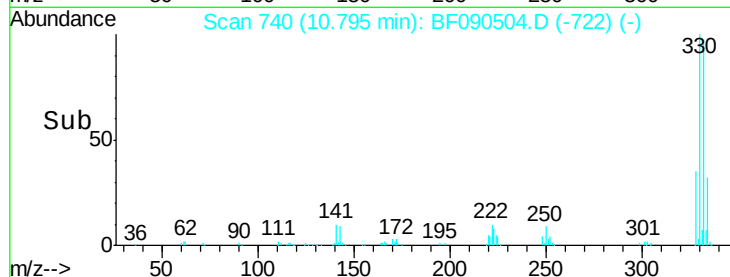
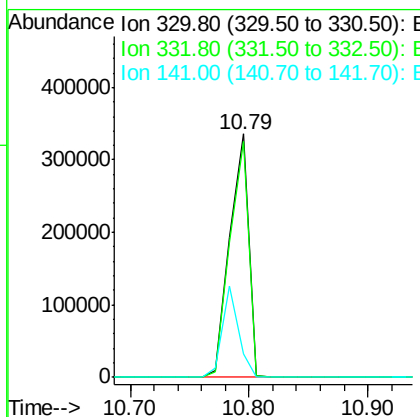
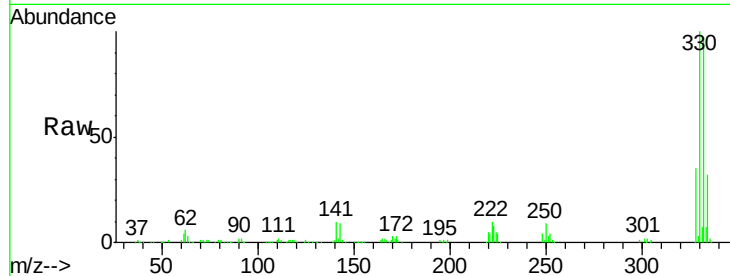
#41
 2,4,6-Tribromophenol
 Concen: 85.56 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	373298		
332	96.1		75.4	113.0
141	31.5		26.9	40.3

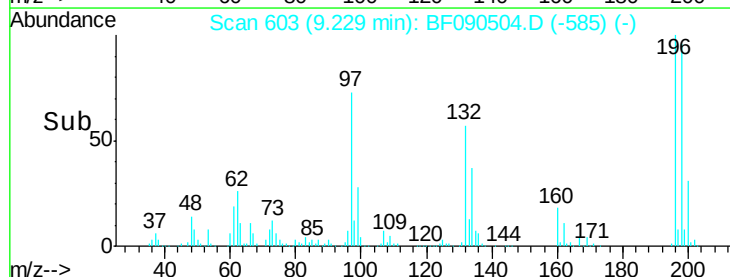
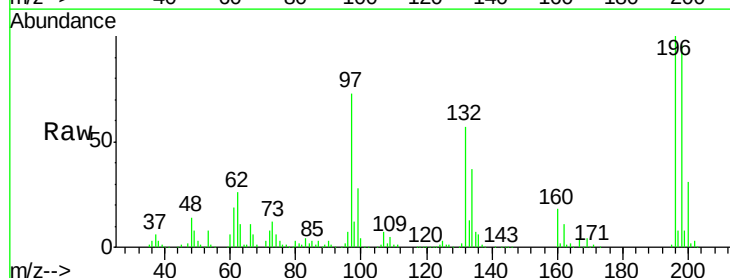
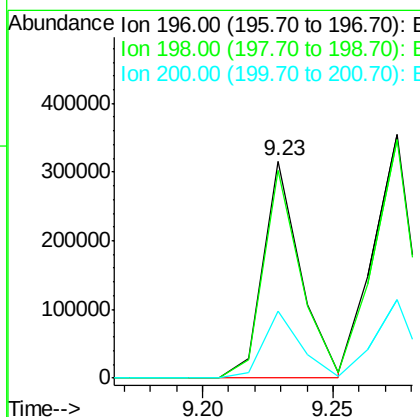
Manual Integrations
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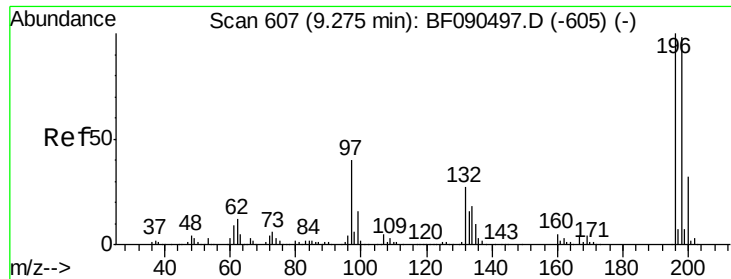
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#42
 2,4,6-Trichlorophenol
 Concen: 37.87 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	314546		
198	95.7		78.9	118.3
200	30.6		25.4	38.2





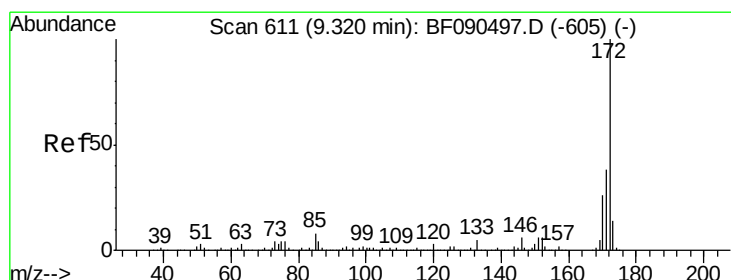
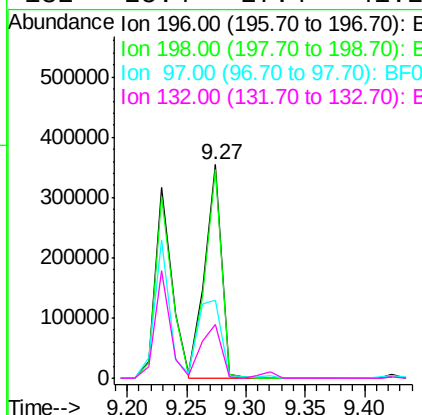
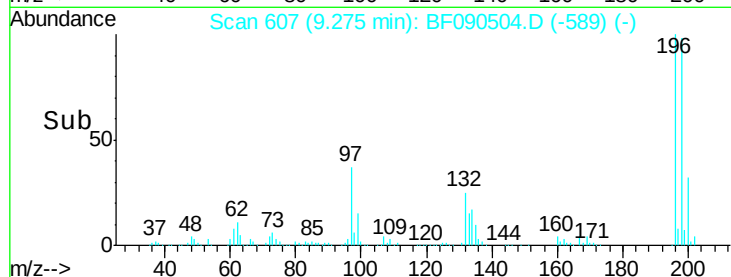
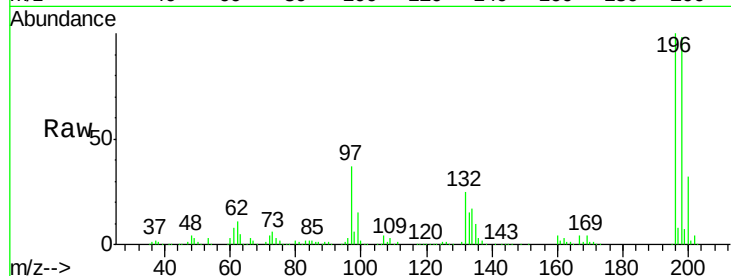
#43
 2,4,5-Trichlorophenol
 Concen: 42.81 ng
 RT: 9.27 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	351974		
198	97.9	78.1	117.1	
97	36.8	48.1	72.1	#
132	25.4	27.4	41.2	#

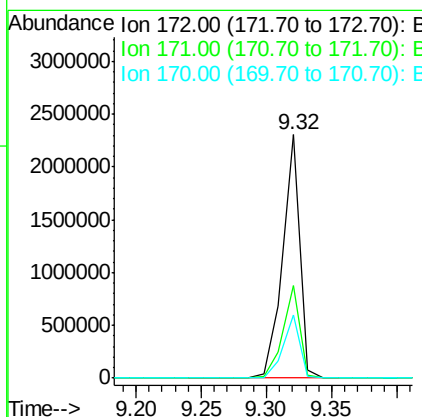
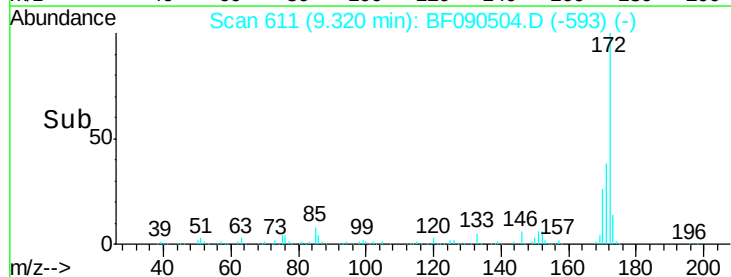
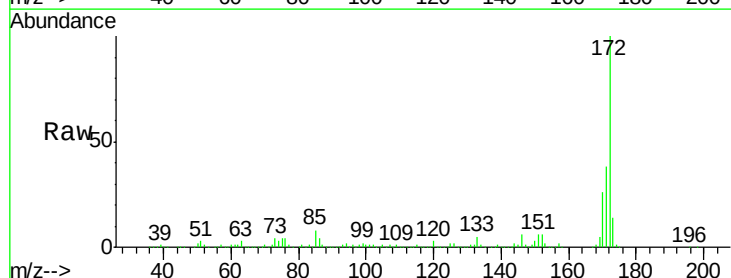
Manual Integrations
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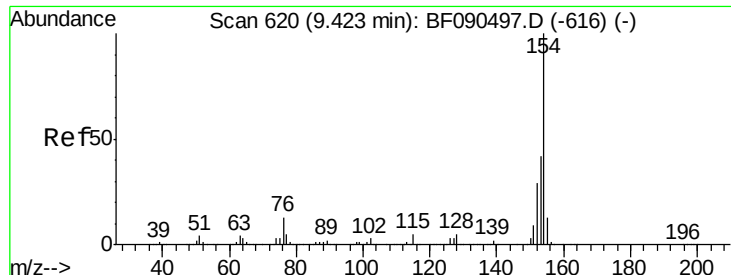
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#44
 2-Fluorobiphenyl
 Concen: 81.40 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2131964		
171	38.2	31.8	47.8	
170	26.0	21.7	32.5	





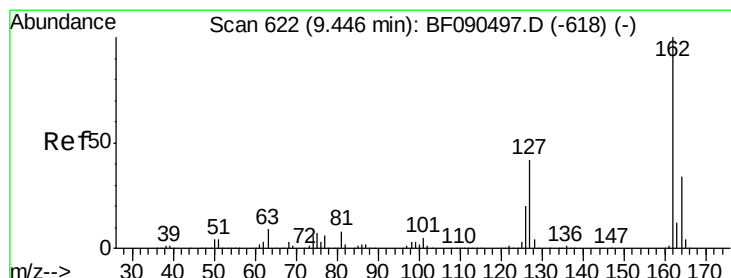
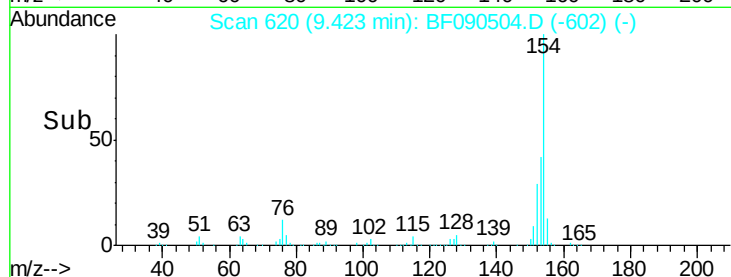
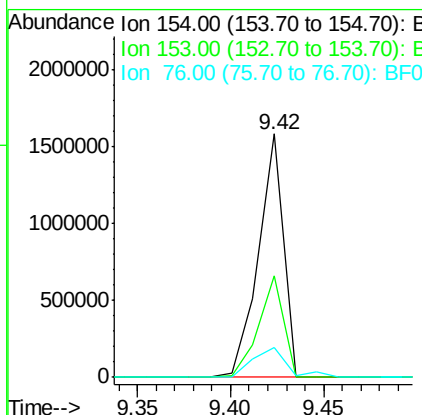
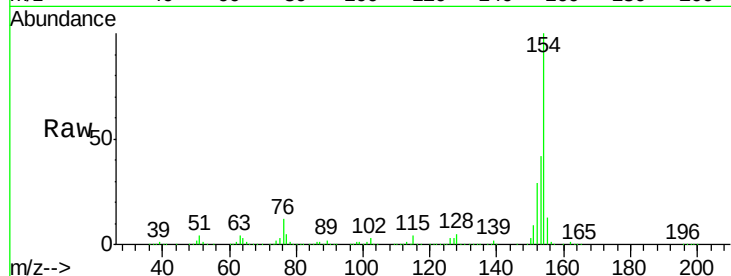
#45
1,1'-Biphenyl
Concen: 43.36 ng
RT: 9.42 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.8	23.8	63.8
76	12.0	0.0	35.8

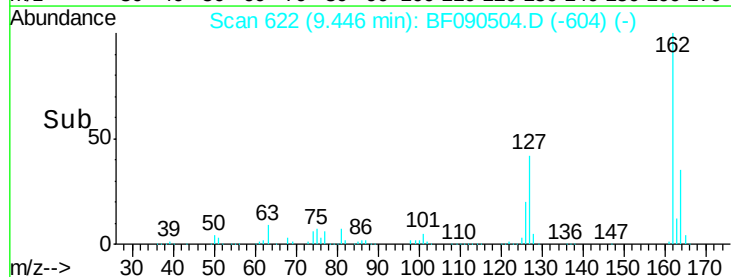
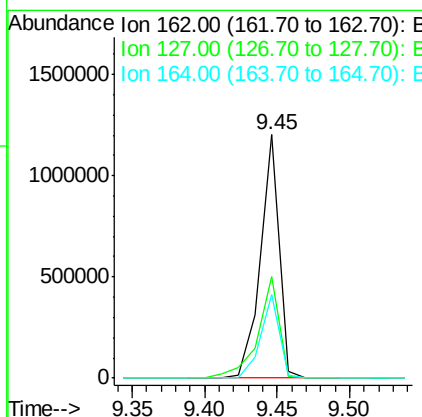
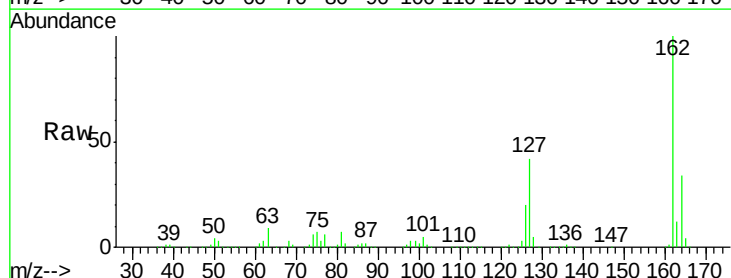
Manual Integrations
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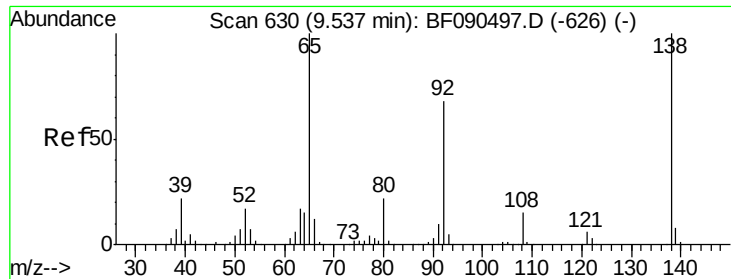
sohil
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#46
2-Chloronaphthalene
Concen: 42.96 ng
RT: 9.45 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	35.6	53.4
164	34.5	27.5	41.3





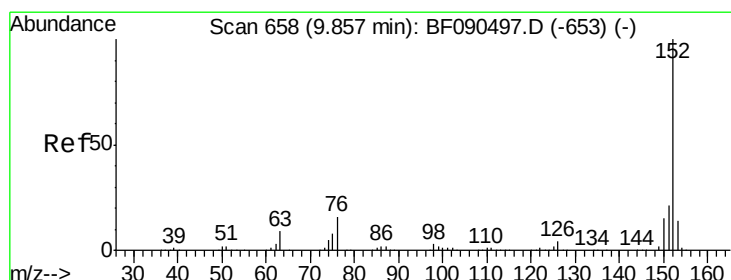
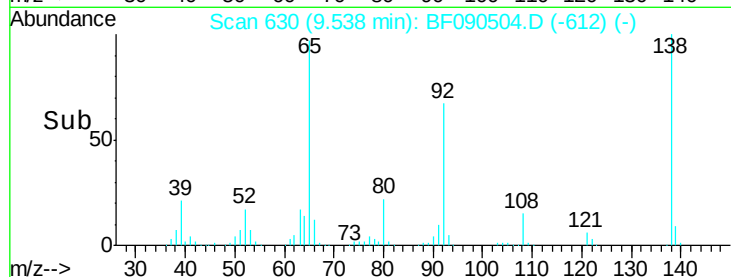
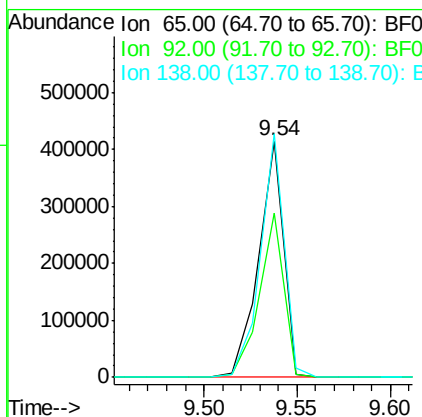
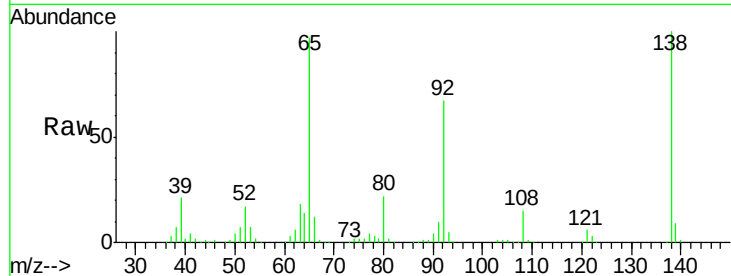
#47
2-Nitroaniline
Concen: 42.84 ng
RT: 9.54 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.4	51.7	77.5
138	103.0	79.0	118.4

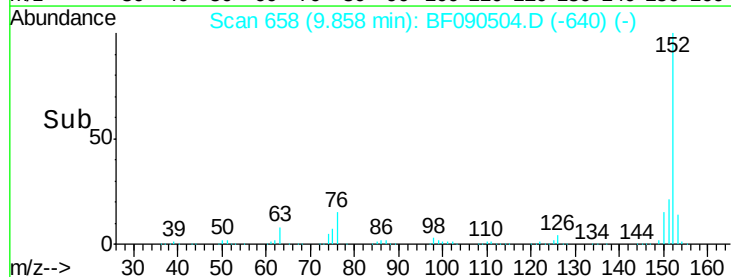
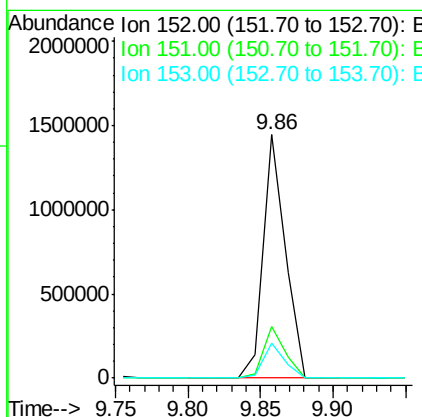
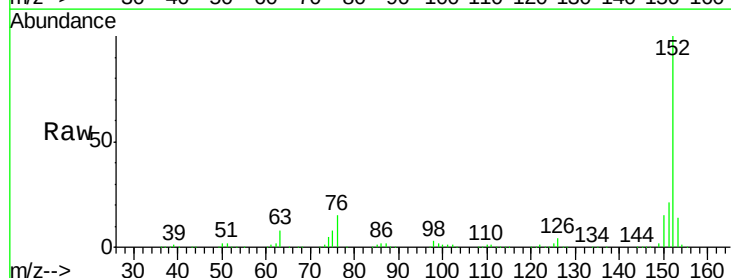
Manual Integrations
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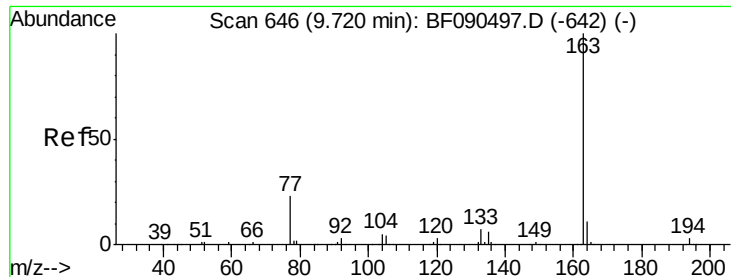
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#48
Acenaphthylene
Concen: 37.69 ng
RT: 9.86 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.4	26.0
153	14.4	11.6	17.4





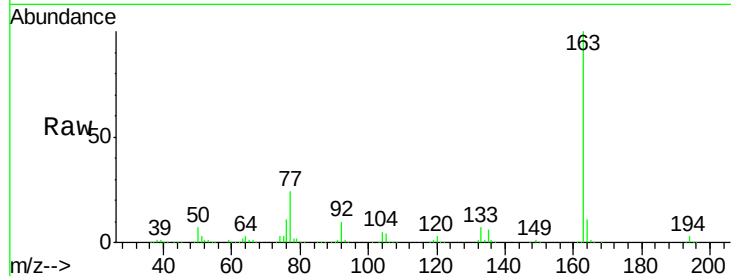
#49
Dimethylphthalate
Concen: 39.31 ng
RT: 9.72 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

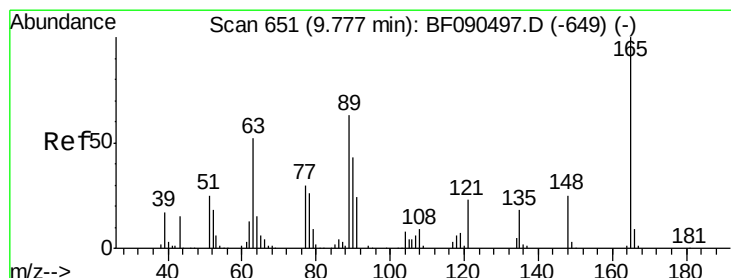
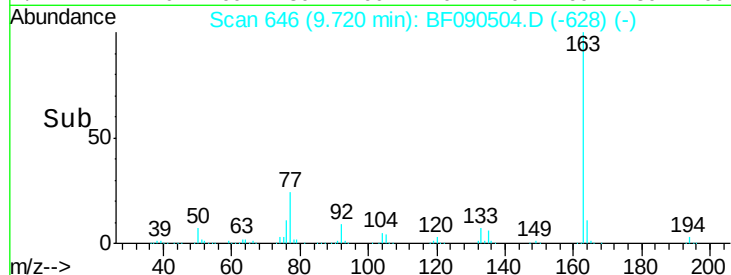
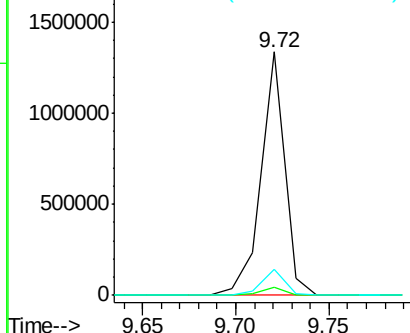
Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.4	2.8	4.2	
164	10.8	9.0	13.4	

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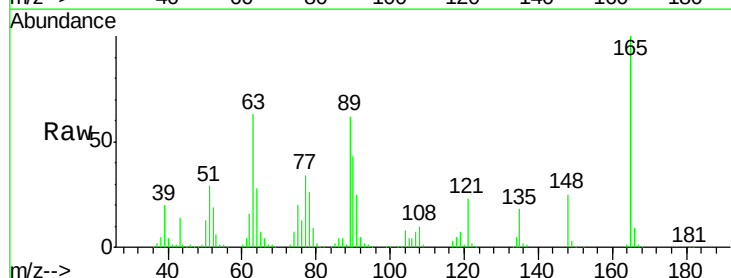


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

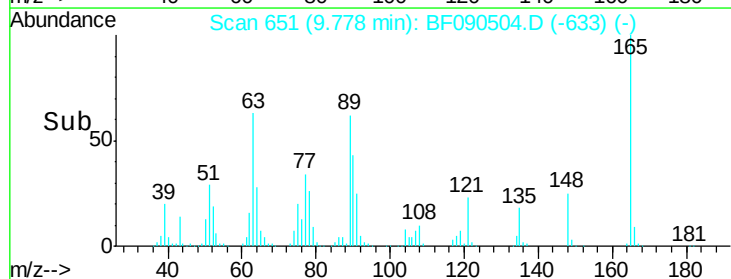
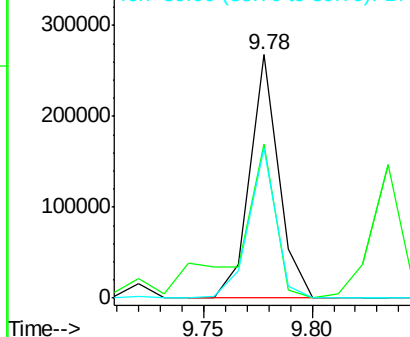


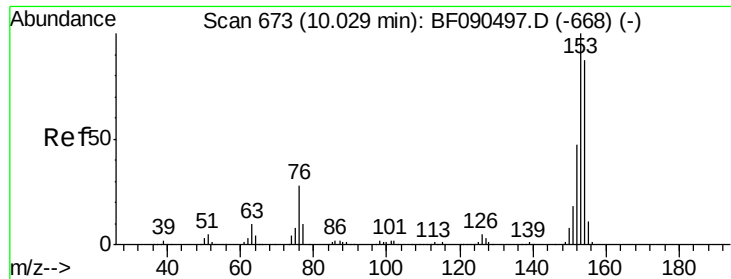
#50
2,6-Dinitrotoluene
Concen: 37.86 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion	Ion	Ratio	Lower	Upper
165	100			
63	63.2	58.0	87.0	
89	61.9	51.2	76.8	



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





#51

Acenaphthene

Concen: 39.03 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1055483

Ion Ratio Lower Upper

154 100

153 112.3 88.6 133.0

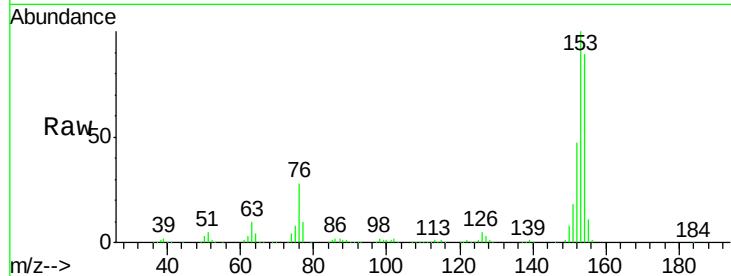
152 53.3 42.6 64.0

Manual Integrations

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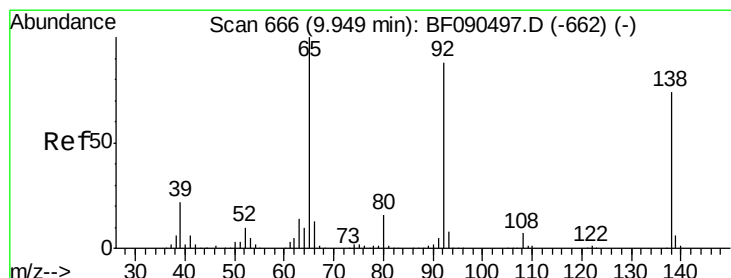
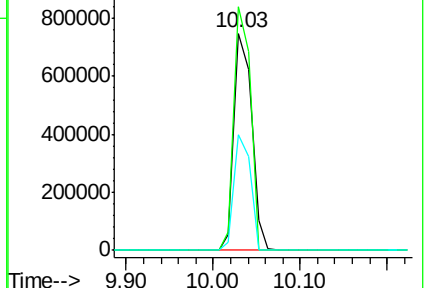
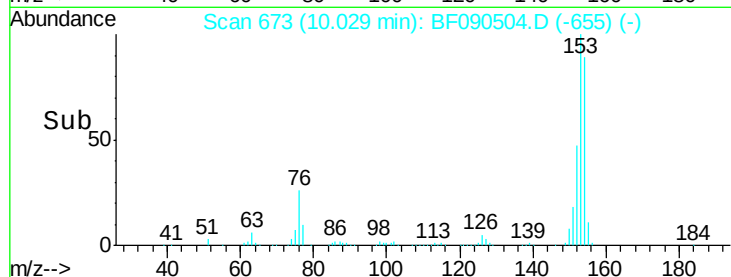
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.75 ng

RT: 9.95 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

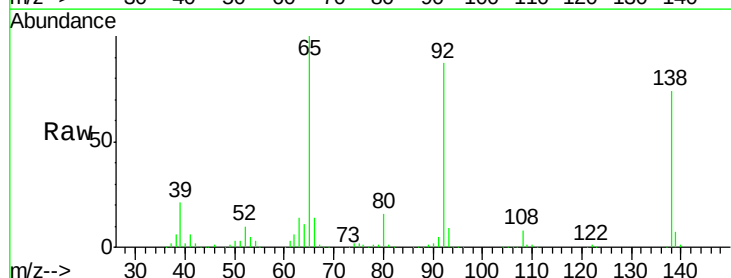
Tgt Ion:138 Resp: 322324

Ion Ratio Lower Upper

138 100

108 10.3 9.7 14.5

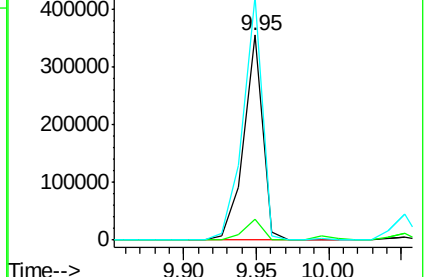
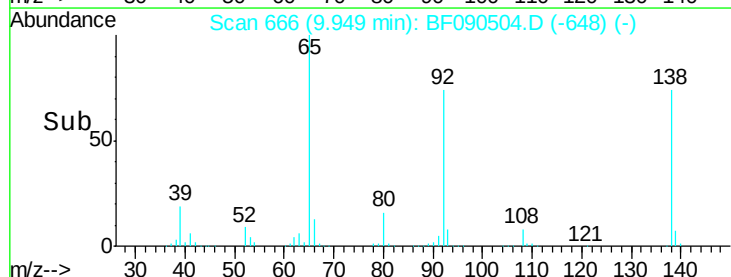
92 118.8 97.1 145.7

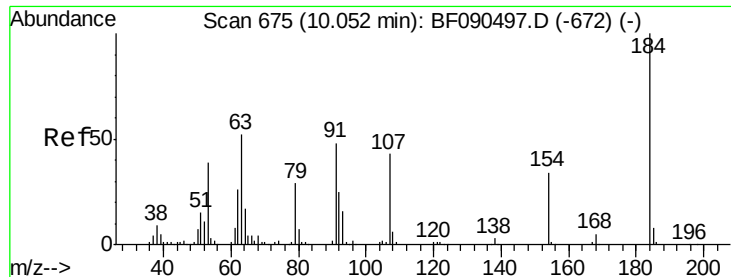


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





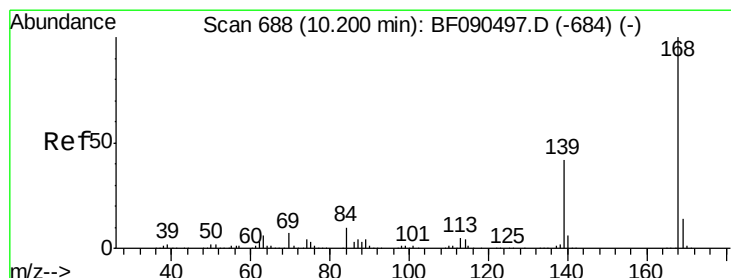
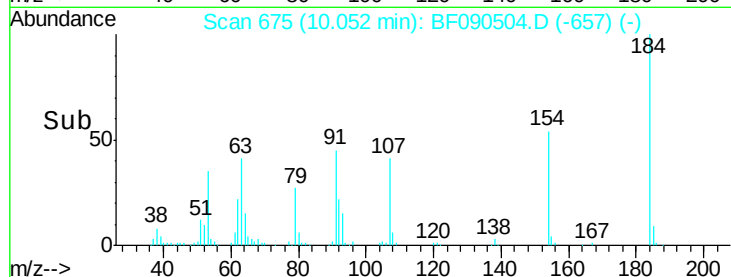
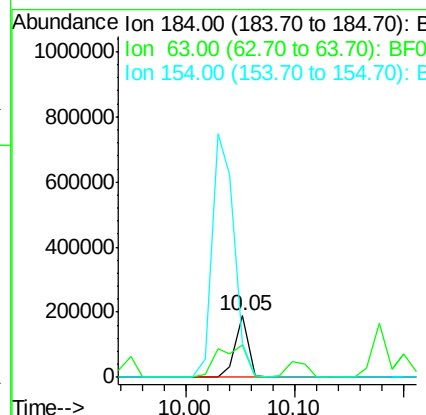
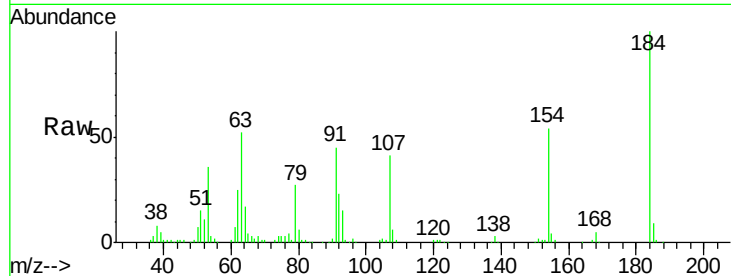
#53
 2,4-Dinitrophenol
 Concen: 44.35 ng
 RT: 10.05 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	160834		
63	51.7	41.9	62.9	
154	54.3	48.9	73.3	

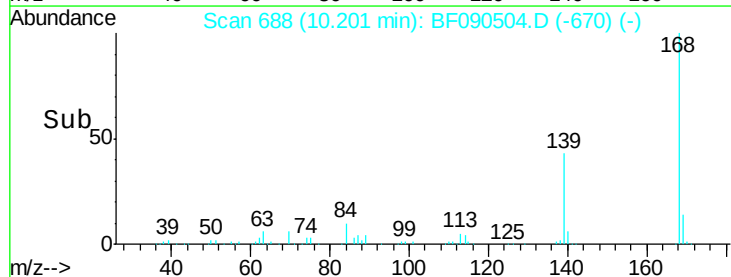
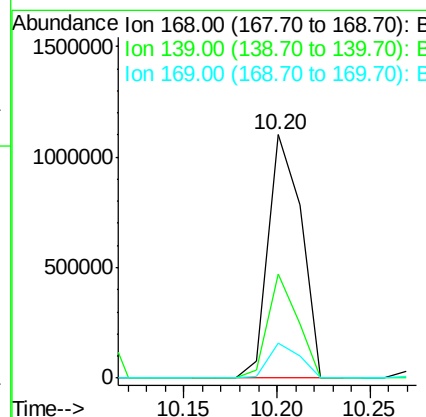
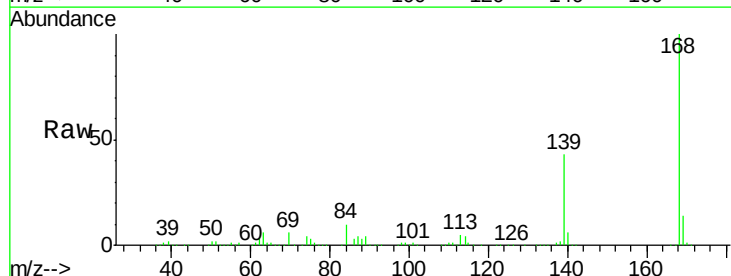
Manual Integrations
 APPROVED

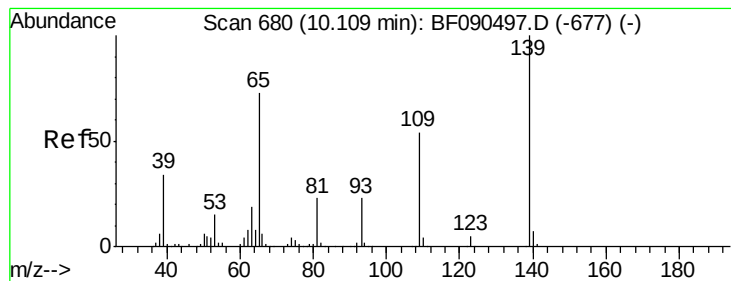
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#54
 Dibenzofuran
 Concen: 37.45 ng
 RT: 10.20 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1347490		
139	42.5	29.6	44.4	
169	14.3	11.3	16.9	





#55

4-Nitrophenol

Concen: 44.17 ng

RT: 10.11 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:139 Resp: 278345

Ion Ratio Lower Upper

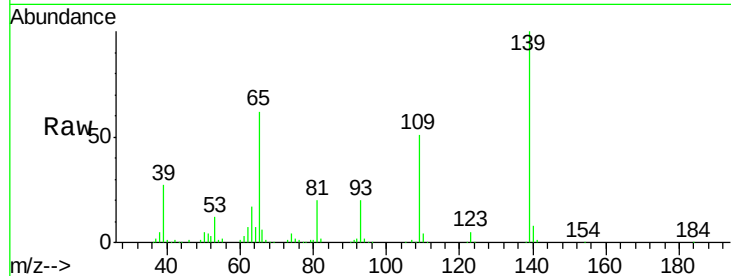
139 100

109 50.9 43.6 83.6

65 62.0 87.5 127.5#

Manual Integrations
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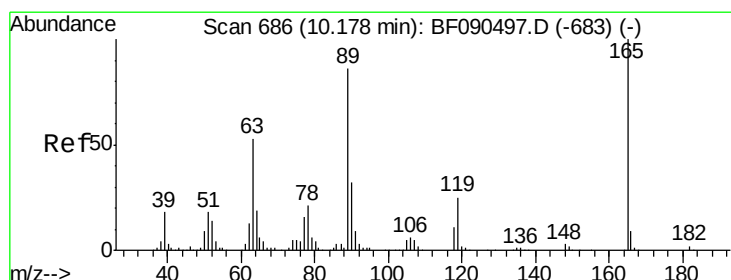
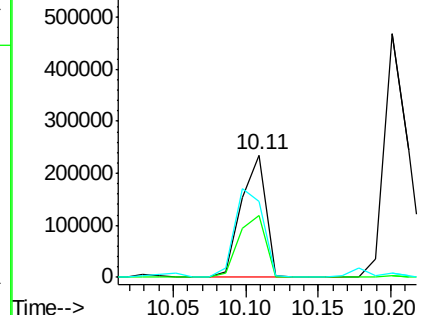
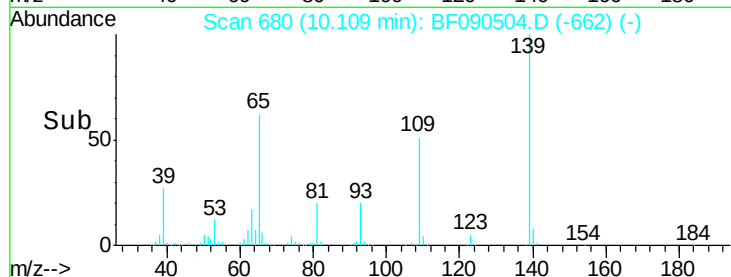
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.85 ng

RT: 10.18 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Tgt Ion:165 Resp: 327187

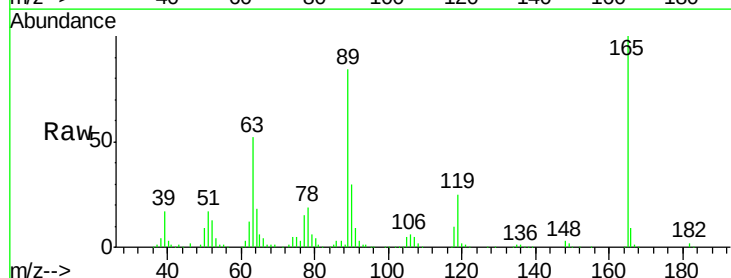
Ion Ratio Lower Upper

165 100

63 51.9 17.8 26.6#

89 84.2 33.2 49.8#

182 2.3 2.1 3.1

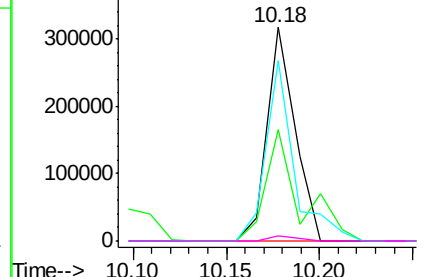
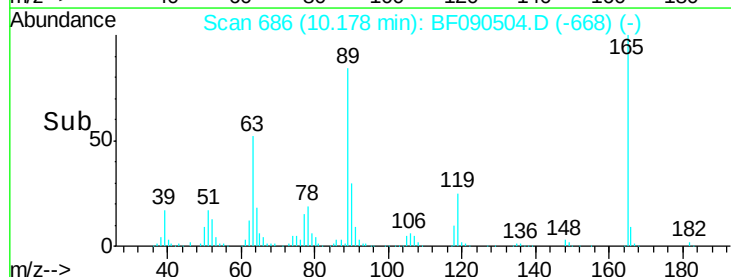


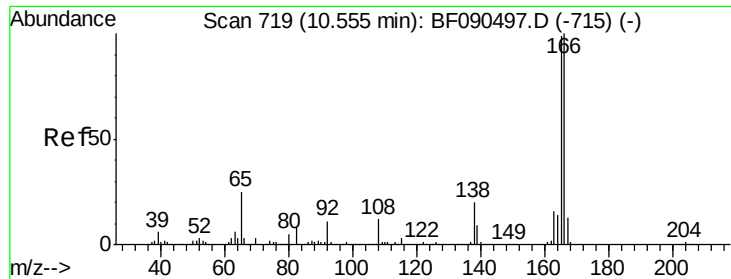
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.64 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1105636

Ion Ratio Lower Upper

166 100

165 98.4 79.2 118.8

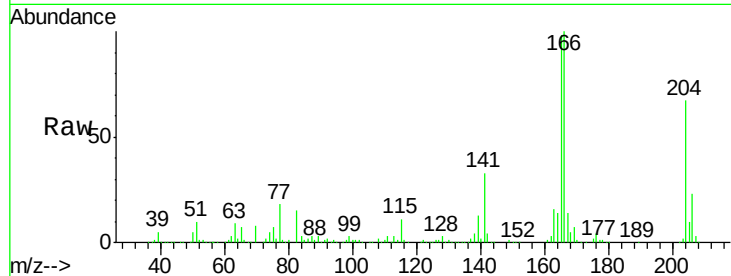
167 14.4 11.1 16.7

Manual Integrations

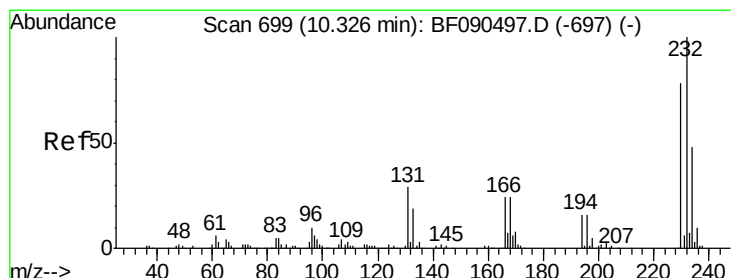
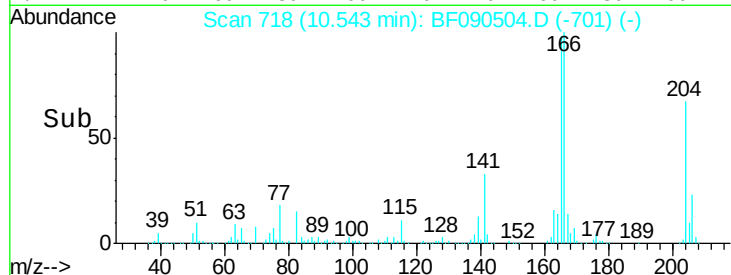
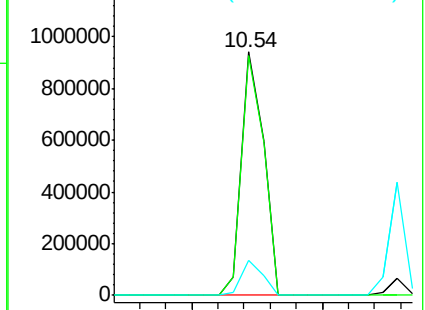
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.56 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Tgt Ion:232 Resp: 278168

Ion Ratio Lower Upper

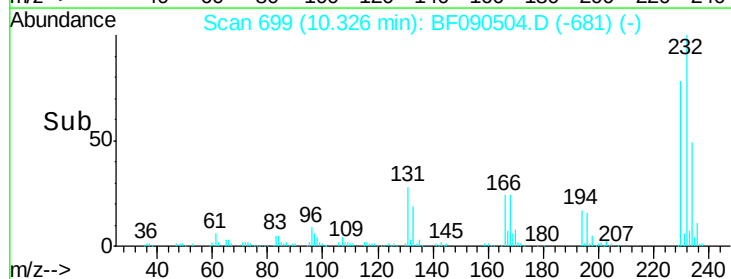
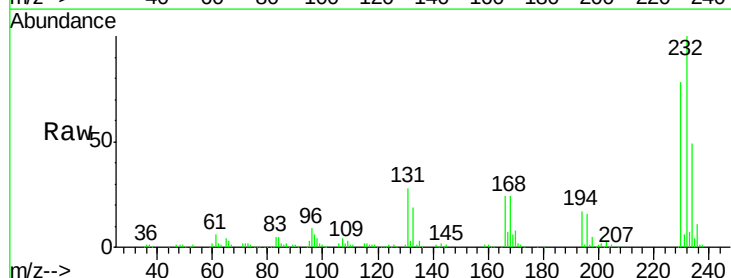
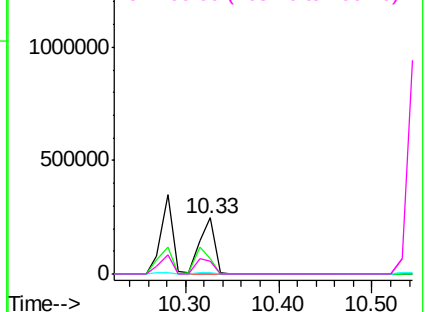
232 100

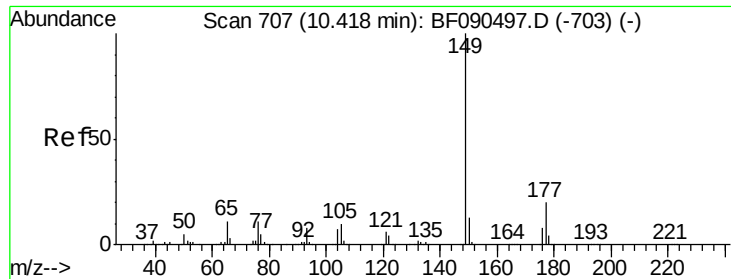
131 48.4 34.5 51.7

130 2.1 1.6 2.4

166 33.1 23.8 35.8

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





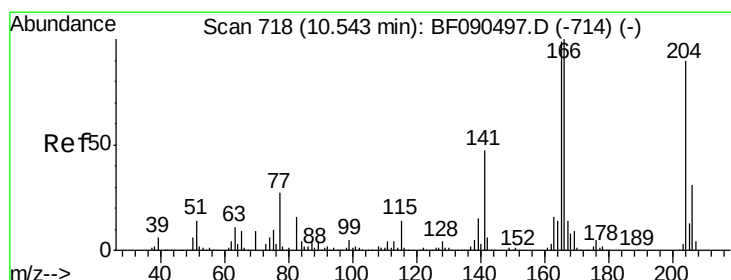
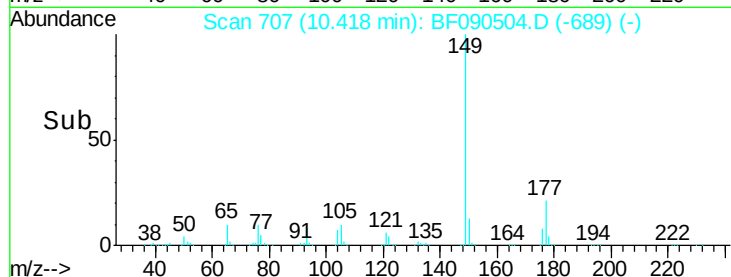
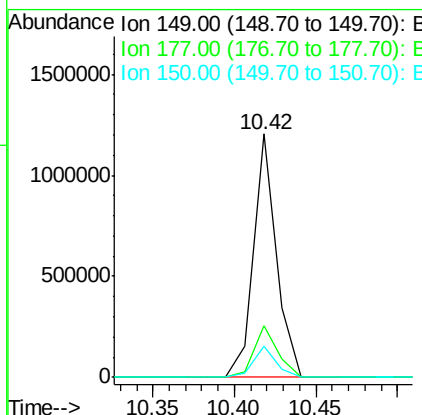
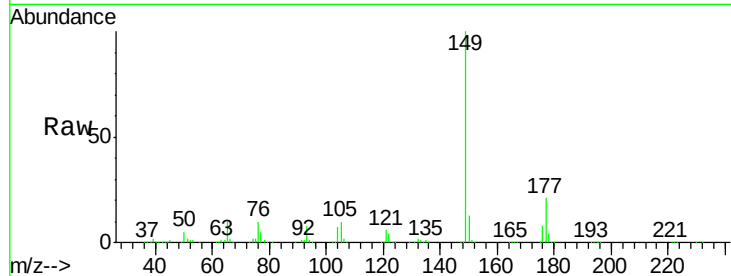
#59
Diethylphthalate
Concen: 39.08 ng
RT: 10.42 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1176482
Ion Ratio Lower Upper
149 100
177 21.0 21.1 31.7#
150 12.9 10.2 15.2

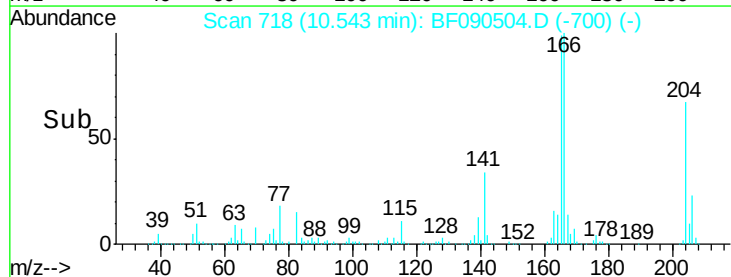
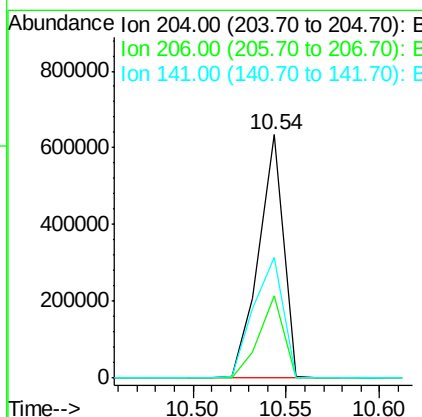
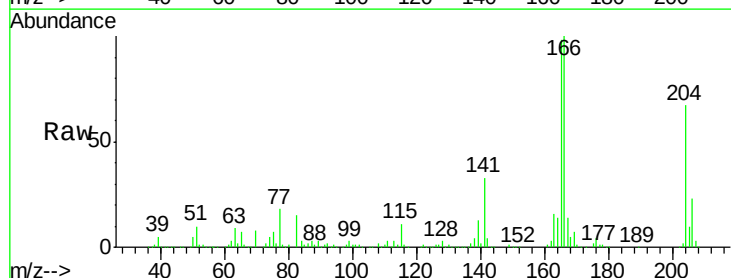
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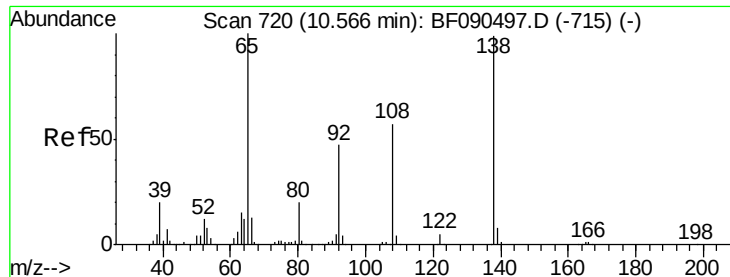
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#60
4-Chlorophenyl-phenylether
Concen: 43.04 ng
RT: 10.54 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion:204 Resp: 583404
Ion Ratio Lower Upper
204 100
206 34.0 26.7 40.1
141 49.7 51.7 77.5#





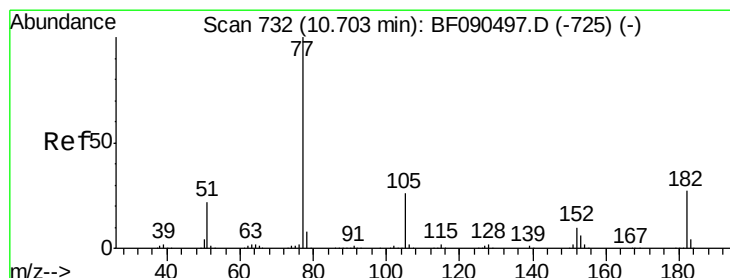
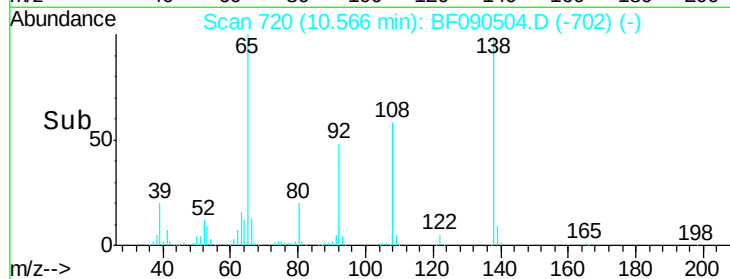
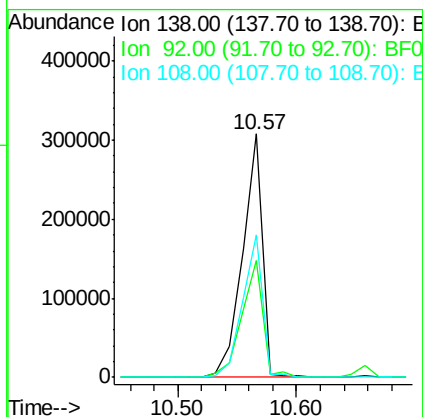
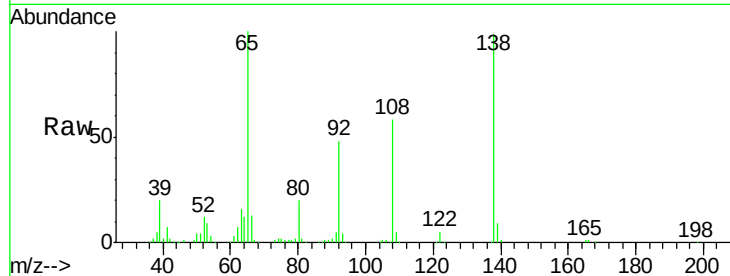
#61
4-Nitroaniline
Concen: 43.70 ng
RT: 10.57 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.2	33.2	73.2
108	58.4	48.5	88.5

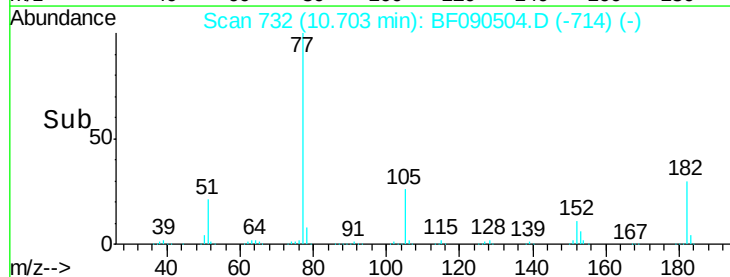
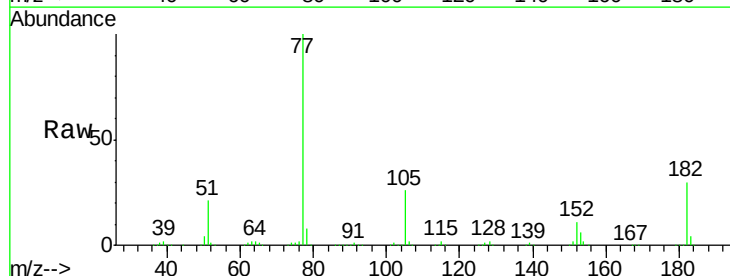
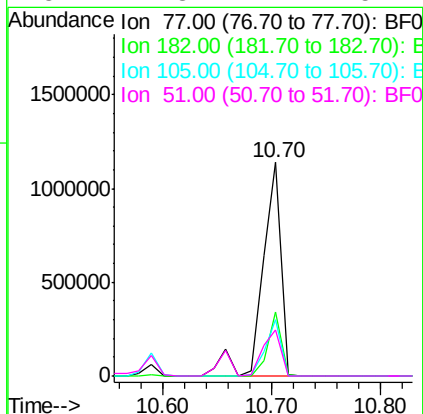
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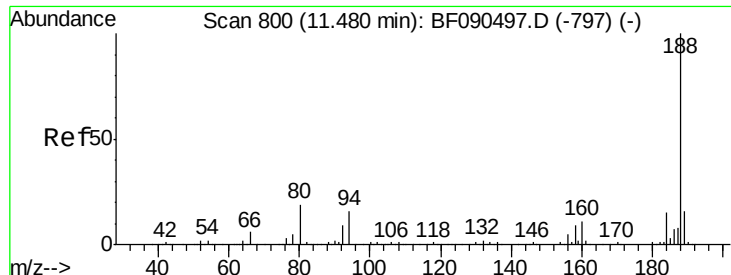
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#62
Azobenzene
Concen: 41.76 ng
RT: 10.70 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.1	3.2	43.2
105	26.3	2.9	42.9
51	21.3	14.2	54.2





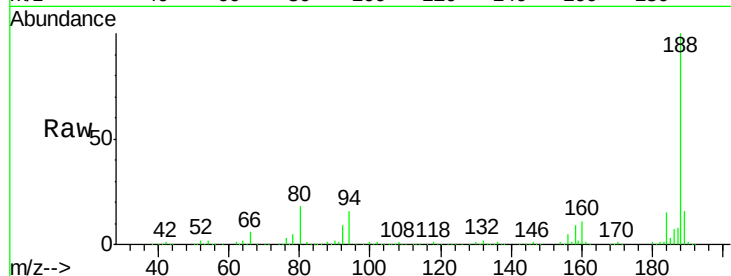
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	749742		
94	15.8		8.2	12.2#
80	18.1		8.8	13.2#

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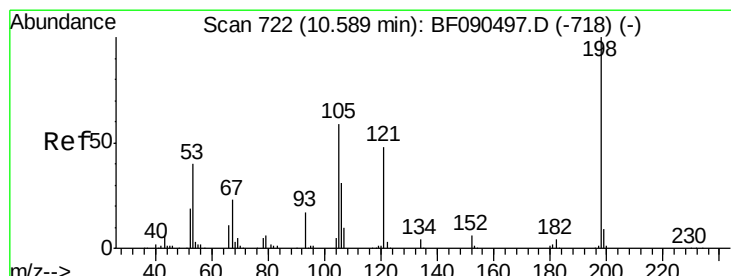
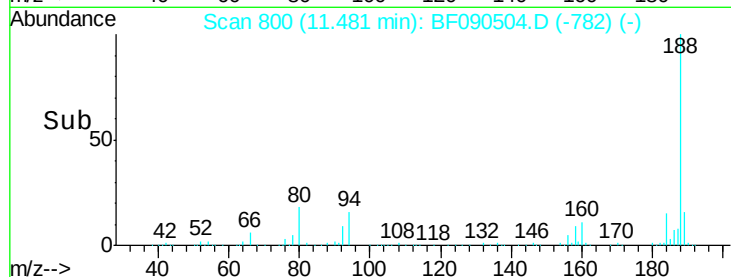
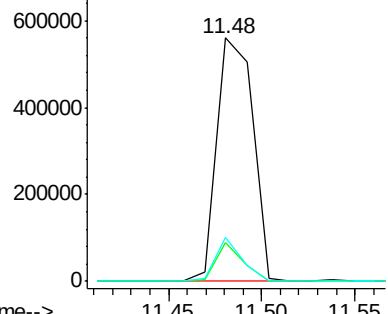
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Abundance Ion 188.00 (187.70 to 188.70): E

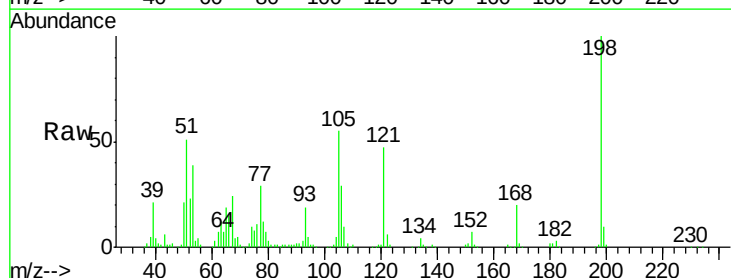
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 38.90 ng
RT: 10.59 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

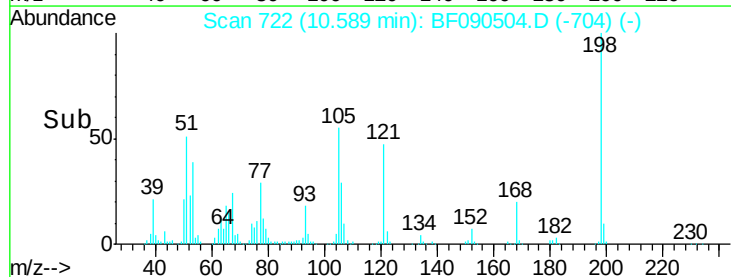
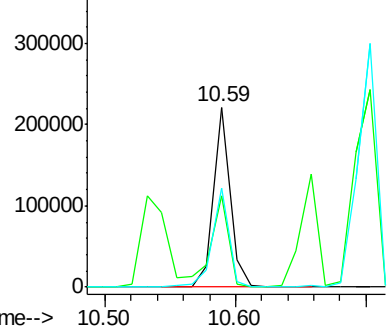
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	194797		
51	50.6		67.3	107.3#
105	55.3		42.6	82.6

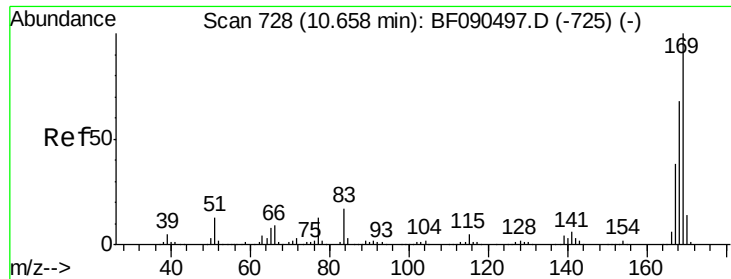


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.05 ng

RT: 10.66 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

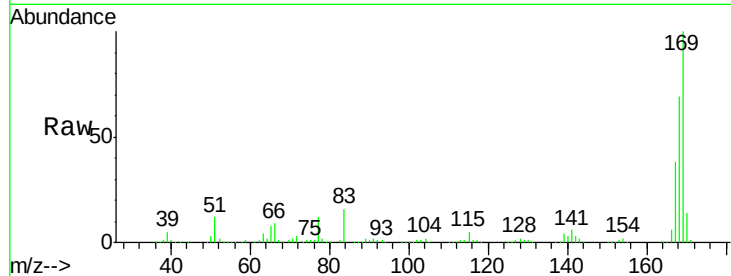
ClientSampled :

SSTDCCC040

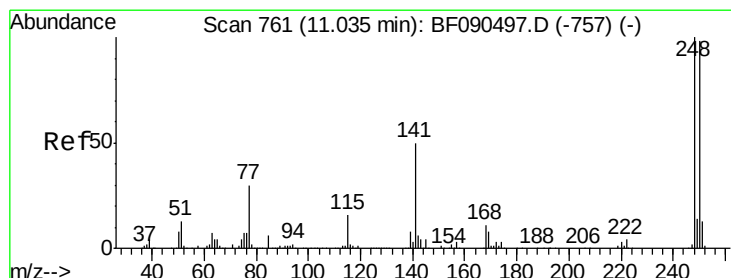
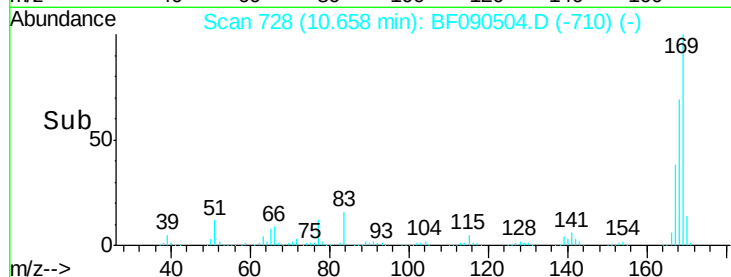
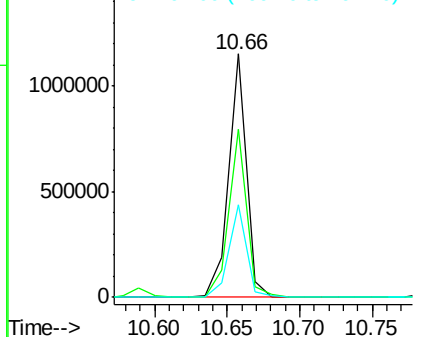
Tot Ion:	169	Resp:	976375
Ion Ratio	Lower	Upper	
169	100		
168	69.0	53.8	80.6
167	37.8	29.8	44.8

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



#66

4-Bromophenyl-phenylether

Concen: 41.20 ng

RT: 11.03 min Scan# 761

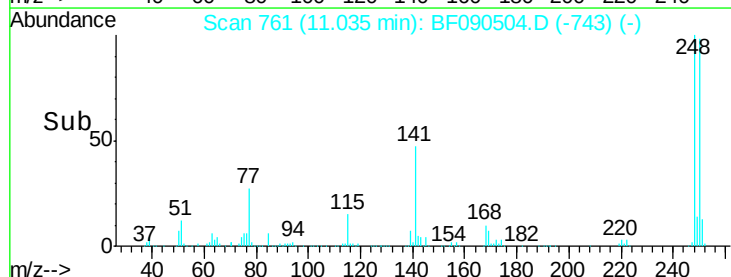
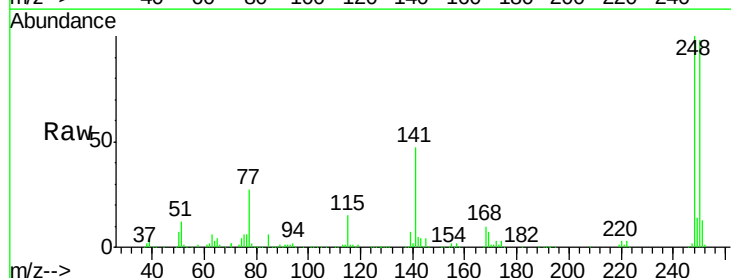
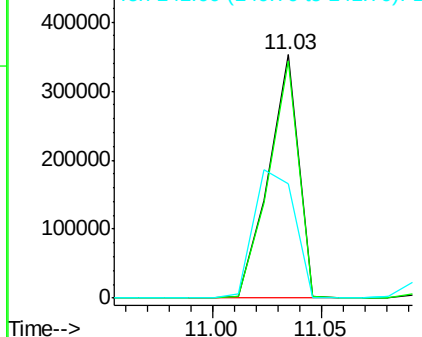
Delta R.T. 0.00 min

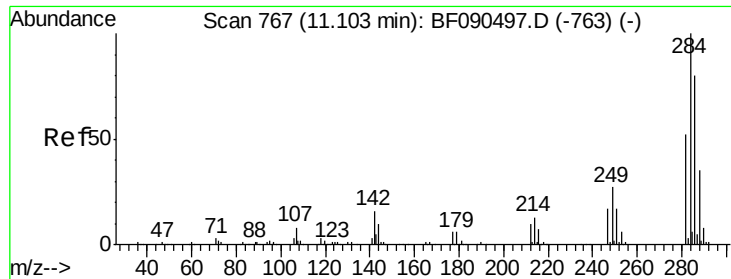
Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Tgt Ion:	248	Resp:	342302
Ion Ratio	Lower	Upper	
248	100		
250	97.6	76.5	114.7
141	47.1	59.8	89.6#

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: 39.86 ng

RT: 11.10 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

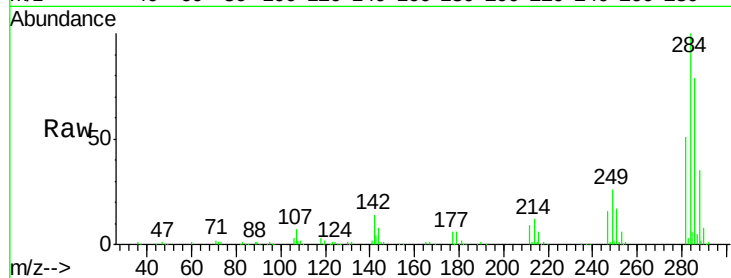
ClientSampleId :

SSTDCCC040

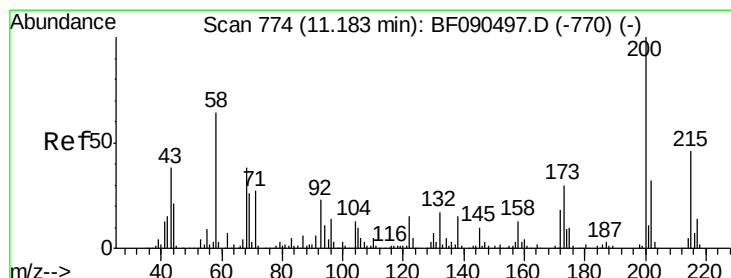
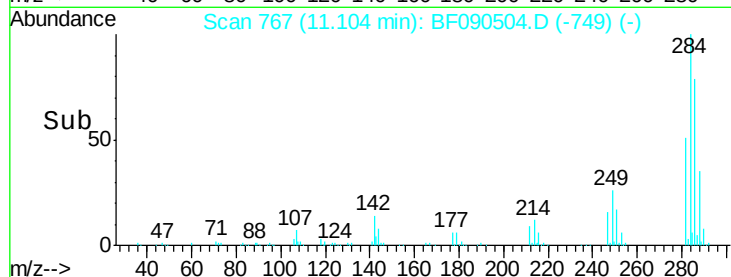
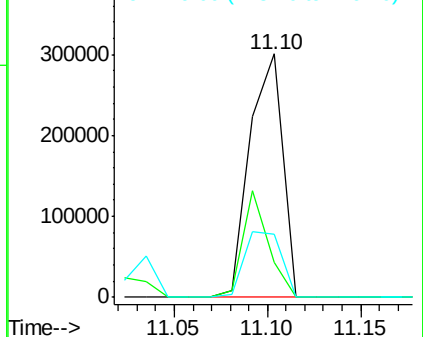
Tot Ion:	284	Resp:	365798
Ion Ratio	Lower	Upper	
284	100		
142	14.2	23.1	34.7#
249	26.0	26.3	39.5#

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



#68

Atrazine

Concen: 37.17 ng

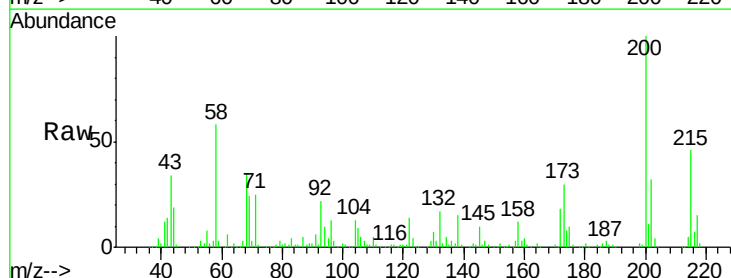
RT: 11.18 min Scan# 774

Delta R.T. 0.00 min

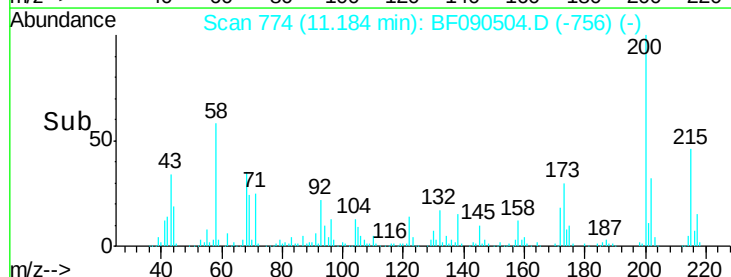
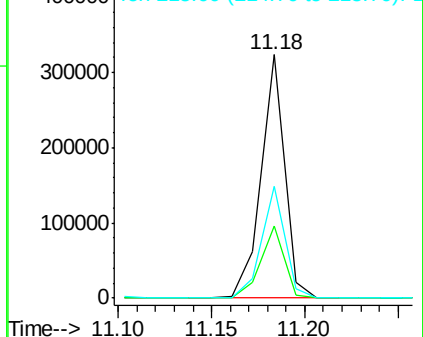
Lab File: BF090504.D

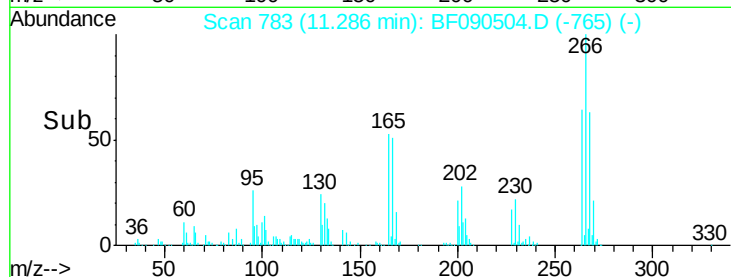
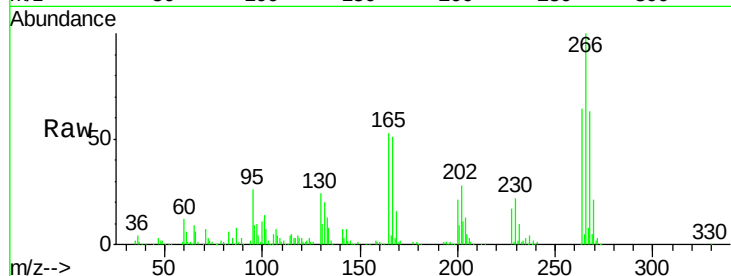
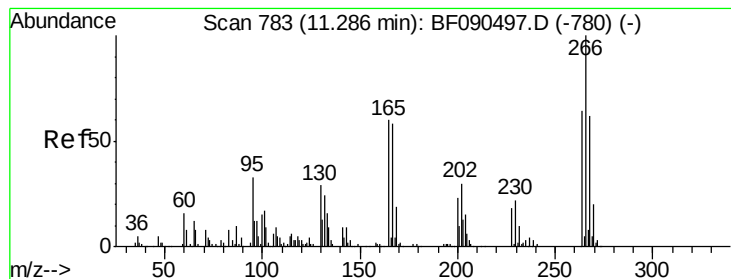
Acq: 11 Oct 2016 16:18

Tgt Ion:	200	Resp:	280426
Ion Ratio	Lower	Upper	
200	100		
173	29.9	9.0	49.0
215	45.7	24.8	64.8



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





#69

Pentachlorophenol

Concen: 39.63 ng

RT: 11.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Tot Ion:	266	Resp:	216406
Ion Ratio	Lower	Upper	
266	100		
268	63.4	50.9	76.3
264	63.6	51.5	77.3

Instrument :

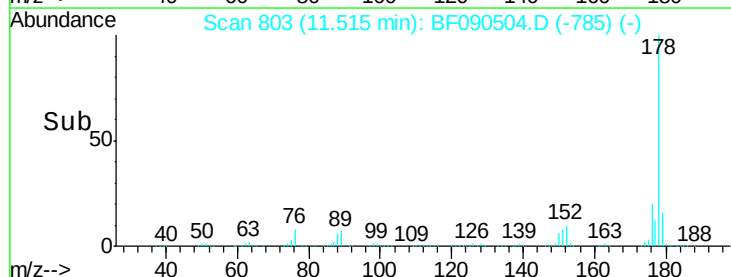
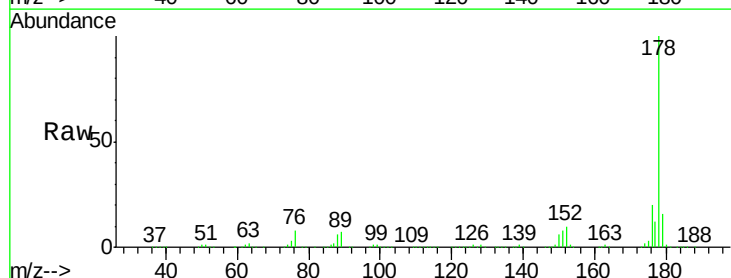
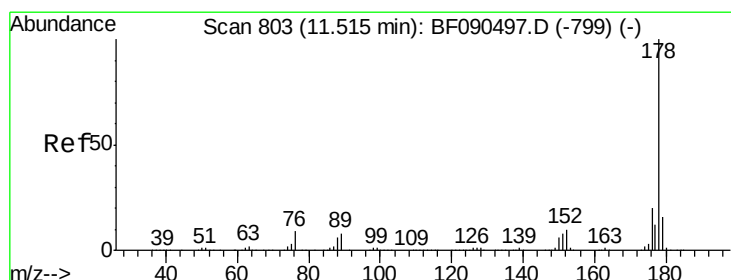
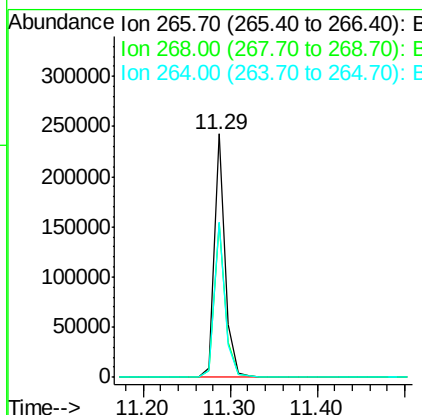
BNA_F

ClientSampleId :

SSTDCCC040

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#70

Phenanthrene

Concen: 41.90 ng

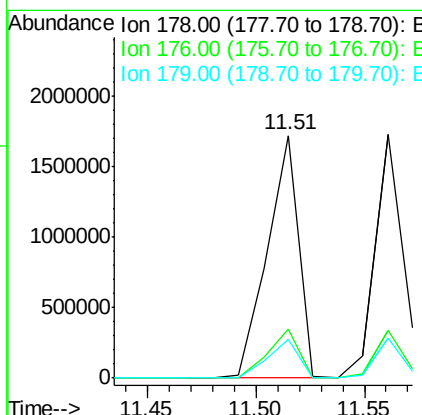
RT: 11.51 min Scan# 803

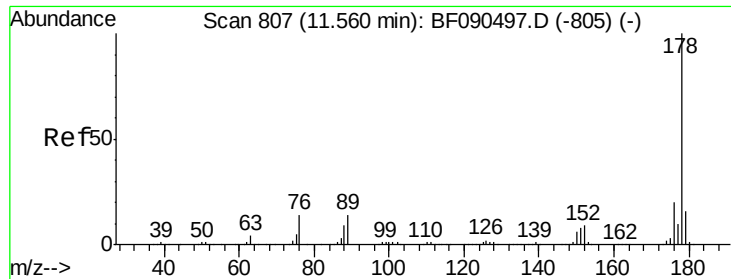
Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Tgt Ion:	178	Resp:	1731311
Ion Ratio	Lower	Upper	
178	100		
176	20.4	17.3	25.9
179	16.0	13.8	20.6





#71
 Anthracene
 Concen: 36.77 ng
 RT: 11.56 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

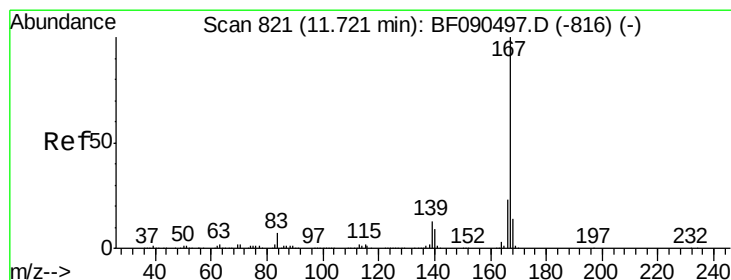
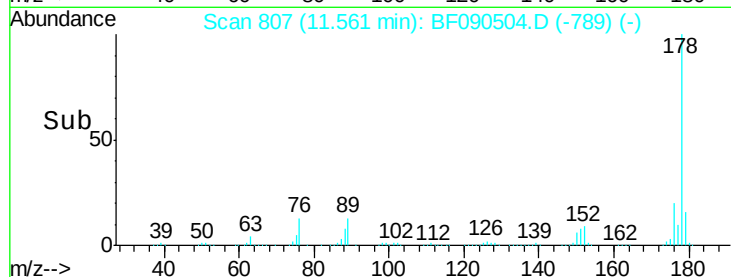
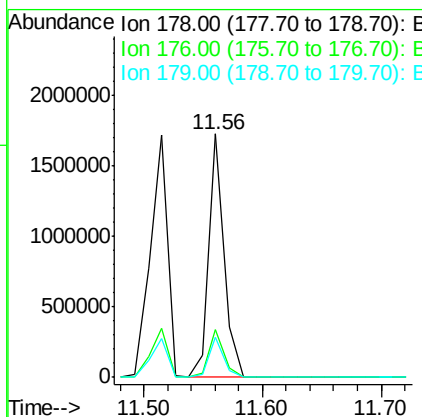
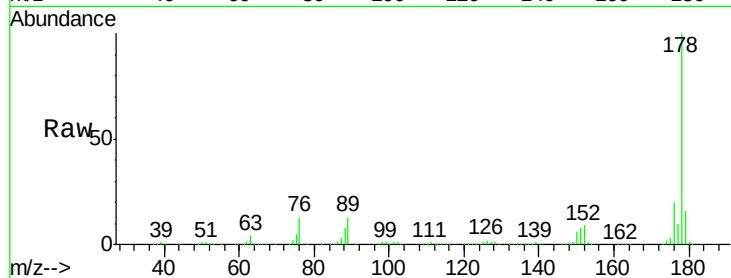
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1539032

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.8	25.2
179	16.4	13.4	20.2

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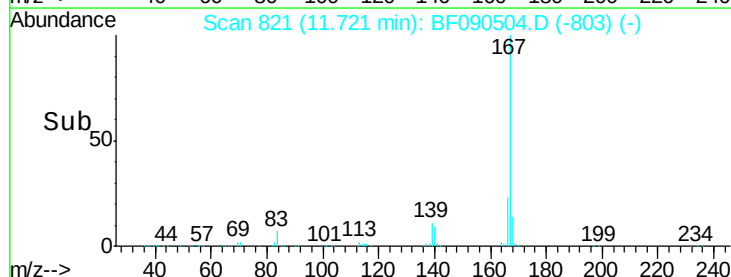
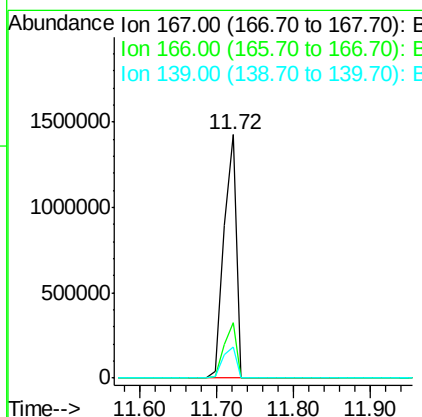
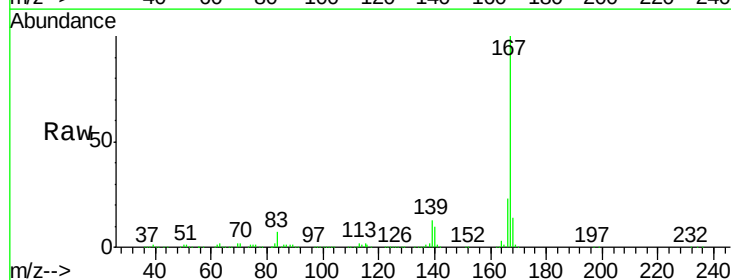
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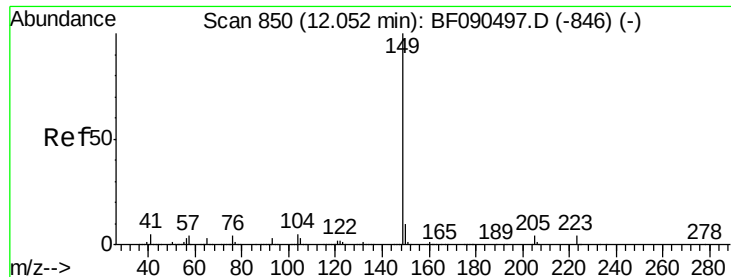


#72
 Carbazole
 Concen: 41.14 ng
 RT: 11.72 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion:167 Resp: 1626361

Ion	Ratio	Lower	Upper
167	100		
166	22.7	19.1	28.7
139	12.6	12.1	18.1





#73

Di-n-butylphthalate

Concen: 40.88 ng

RT: 12.05 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1946499

Ion Ratio Lower Upper

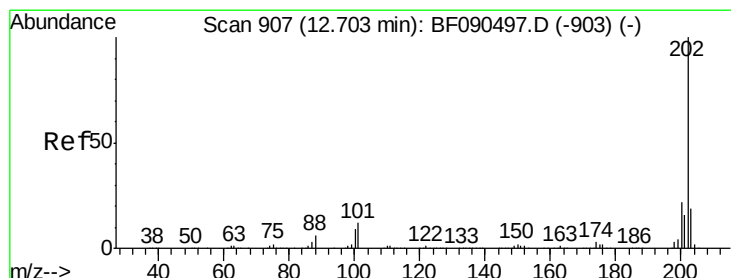
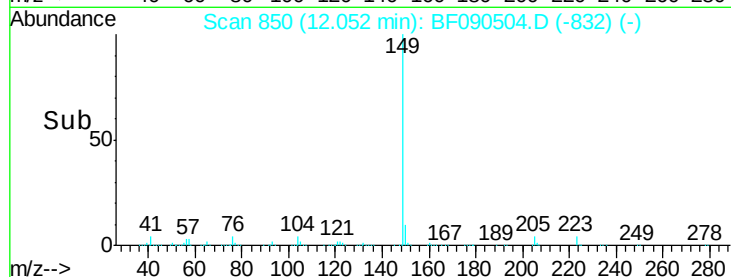
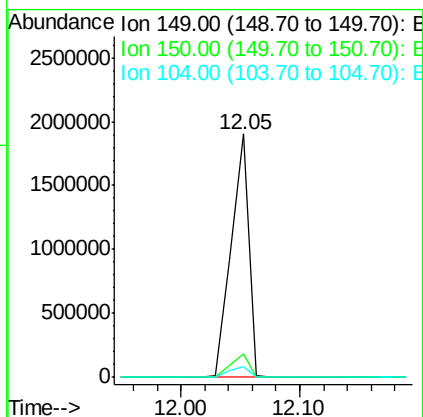
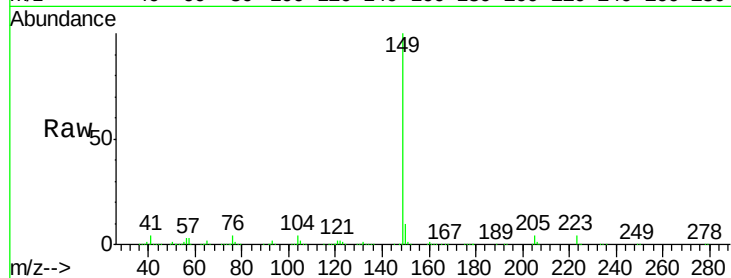
149 100

150 9.7 8.6 12.8

104 4.2 4.7 7.1#

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#74

Fluoranthene

Concen: 43.58 ng

RT: 12.70 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

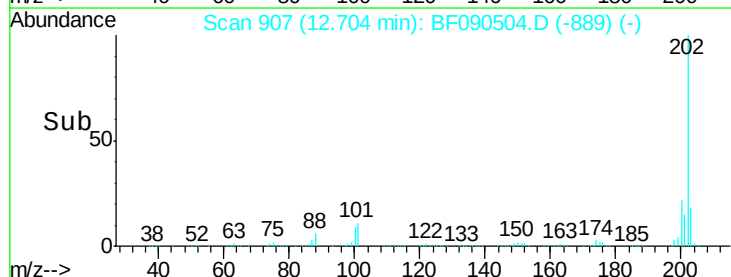
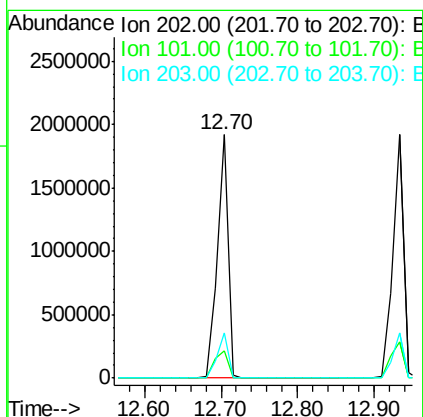
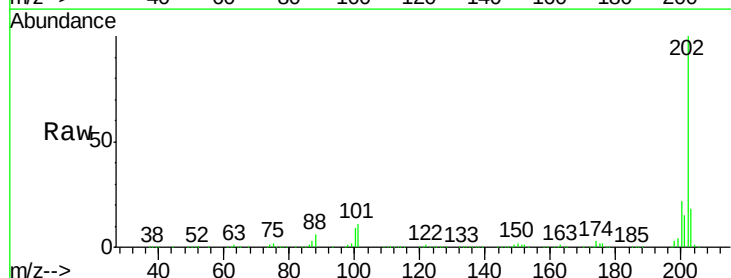
Tgt Ion:202 Resp: 1838127

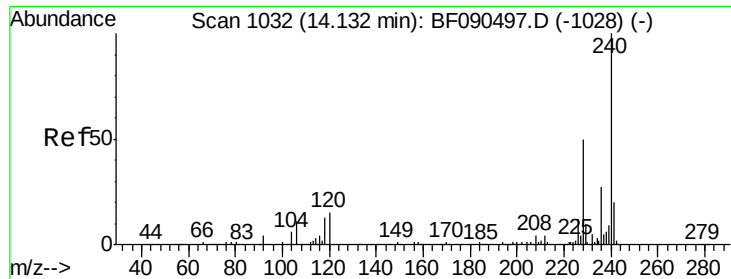
Ion Ratio Lower Upper

202 100

101 11.5 0.0 37.2

203 18.5 0.0 39.3





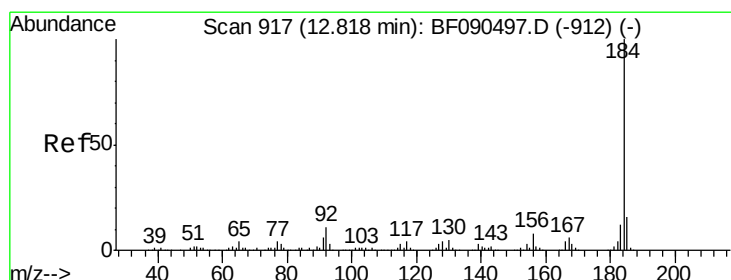
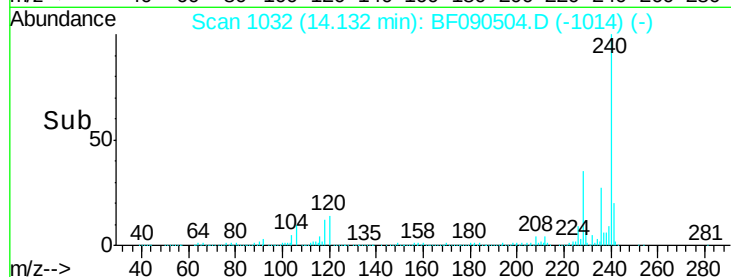
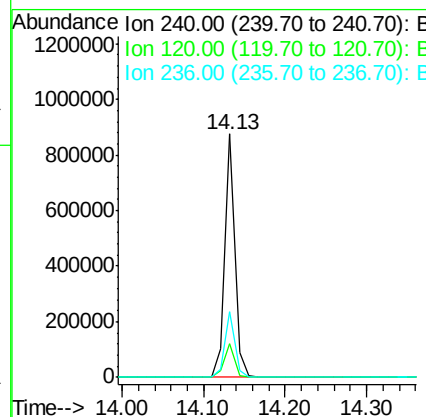
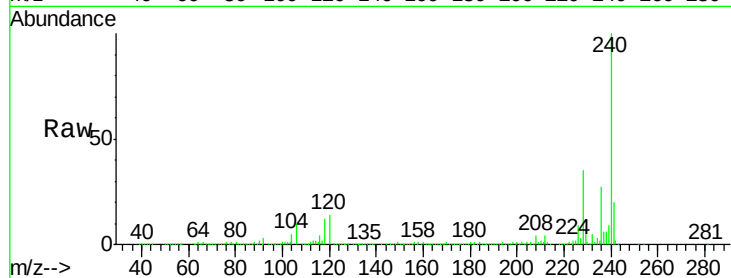
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.9	8.6	13.0#
236	27.2	21.6	32.4

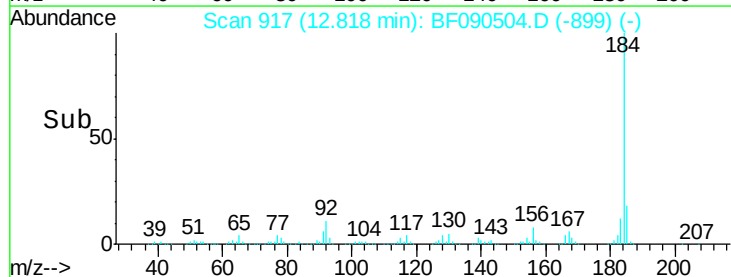
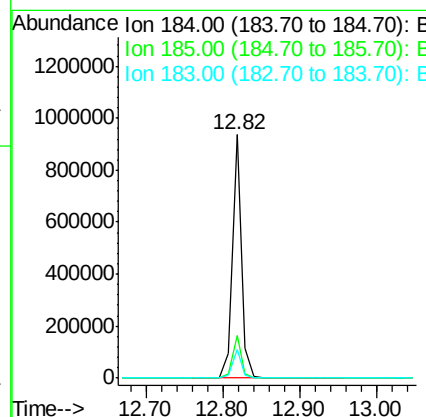
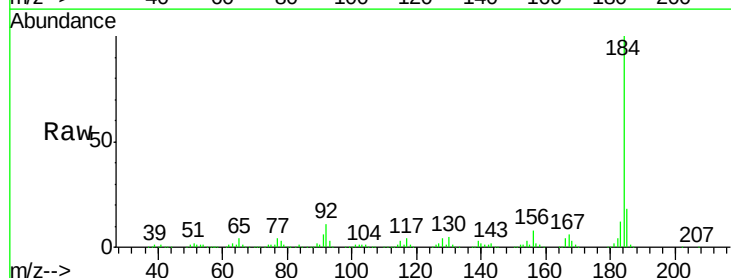
Manual Integrations
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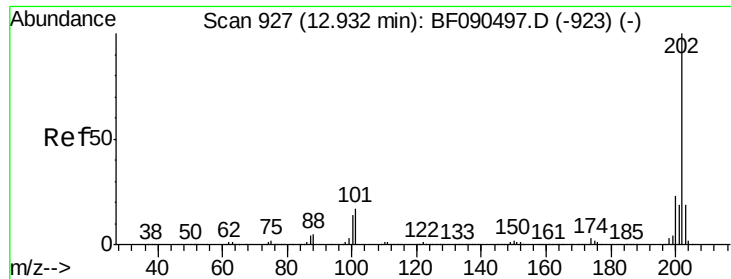
sohil
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#76
Benzidine
Concen: 34.29 ng
RT: 12.82 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.5	11.8	17.8
183	12.0	9.6	14.4





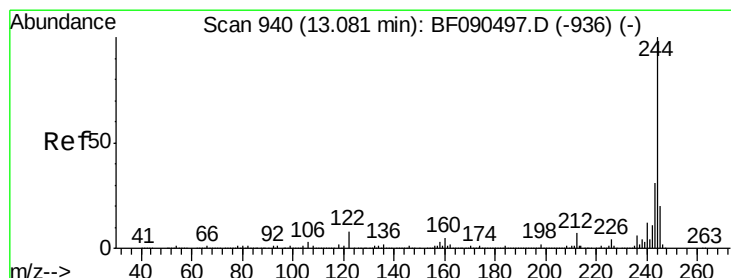
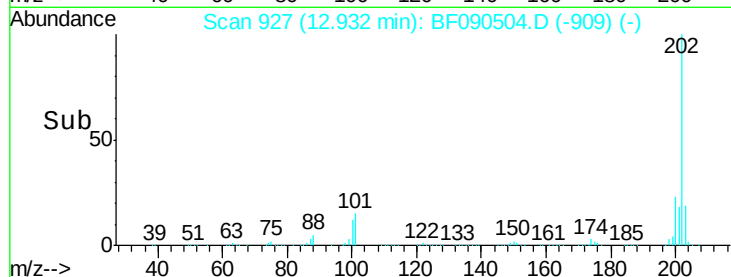
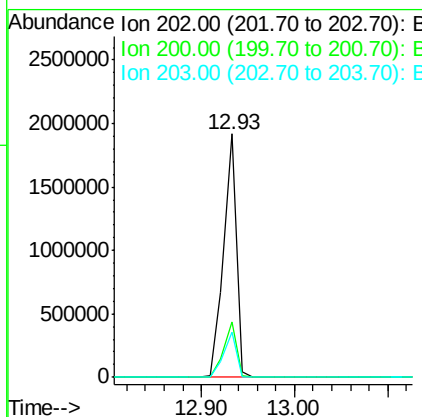
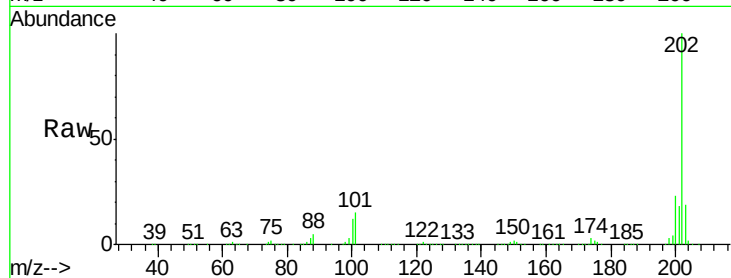
#77
Pvrene
Concen: 39.23 ng
RT: 12.93 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.5	27.7
203	18.5	15.0	22.6

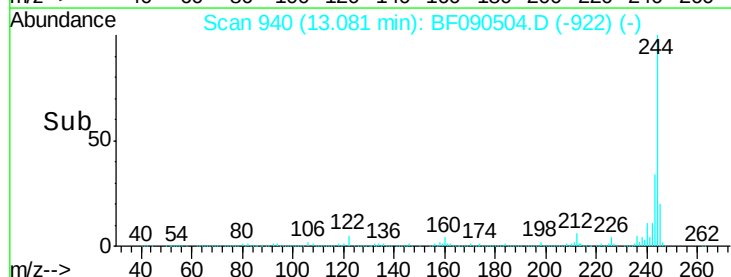
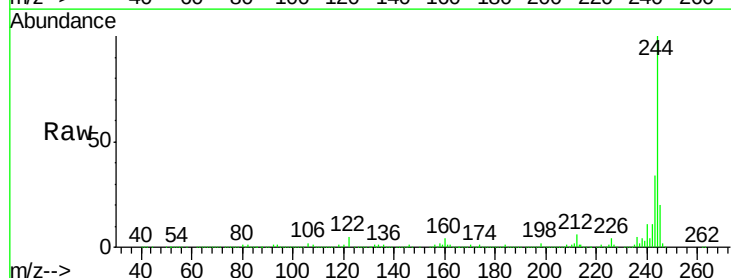
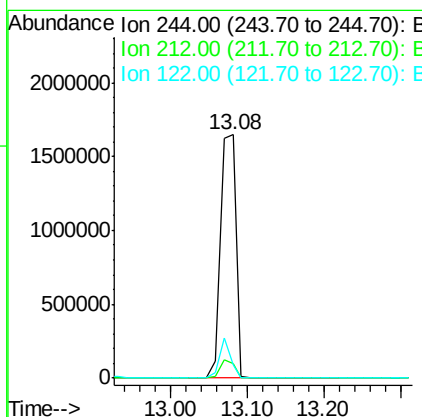
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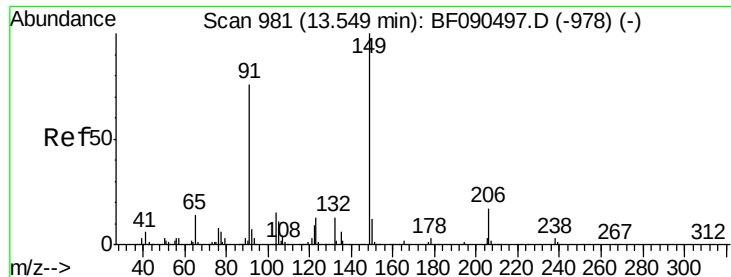
sohil
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#78
Terphenyl-d14
Concen: 76.78 ng
RT: 13.08 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	6.8	10.2#
122	5.5	13.3	19.9#





#79

Butylbenzylphthalate

Concen: 39.87 ng

RT: 13.55 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

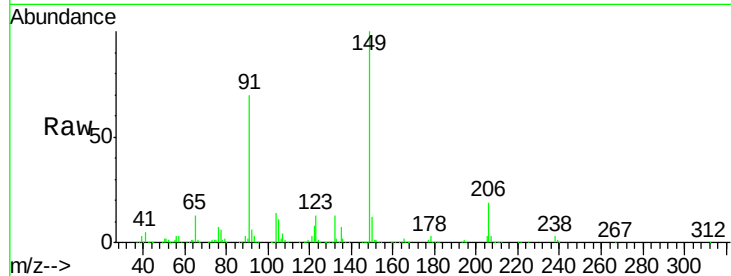
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	868768
Ion Ratio	Lower	Upper	
149	100		
91	70.5	51.8	77.8
206	18.9	18.0	27.0

Manual Integrations
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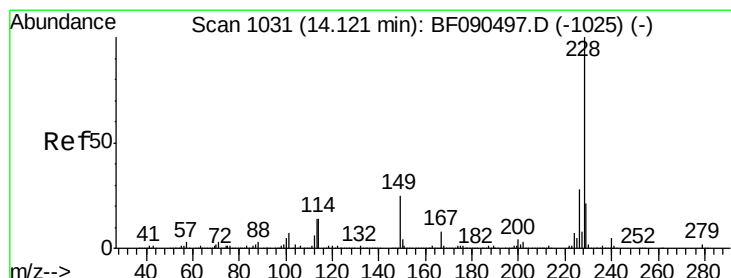
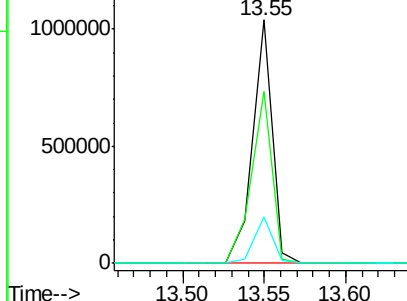
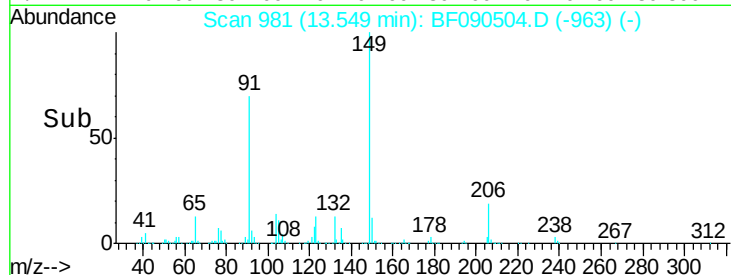
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.02 ng

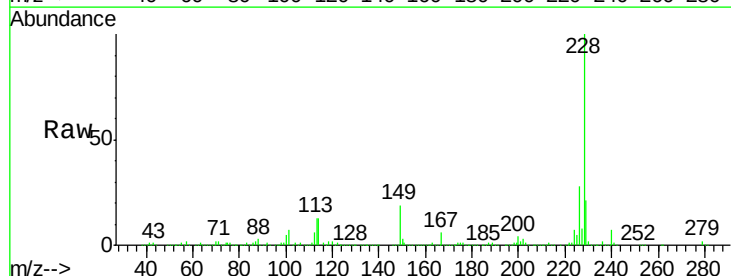
RT: 14.12 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

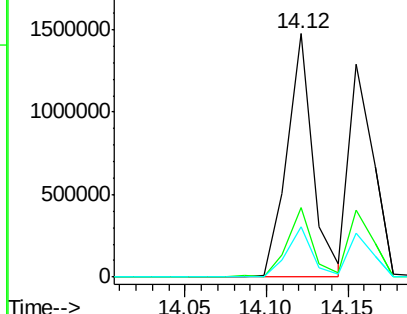
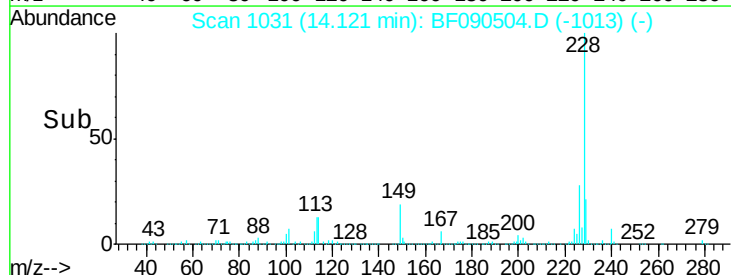
Tgt Ion:	228	Resp:	1640292
Ion Ratio	Lower	Upper	
228	100		
226	28.3	23.6	35.4
229	20.6	16.6	25.0

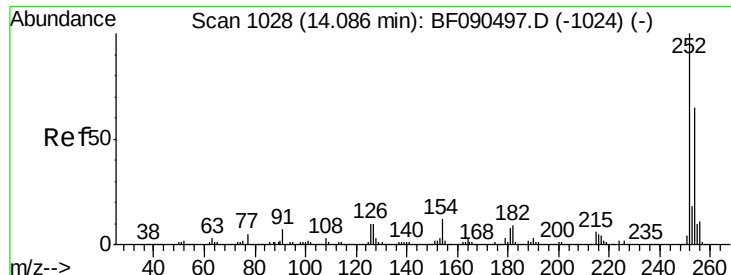


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





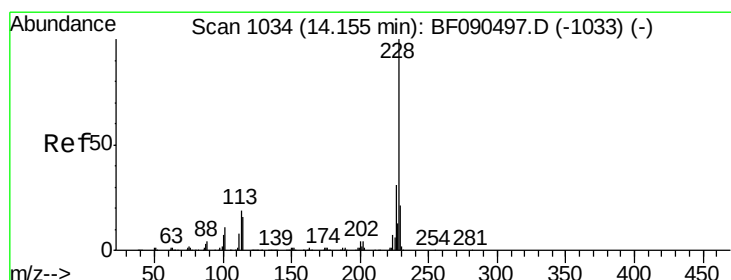
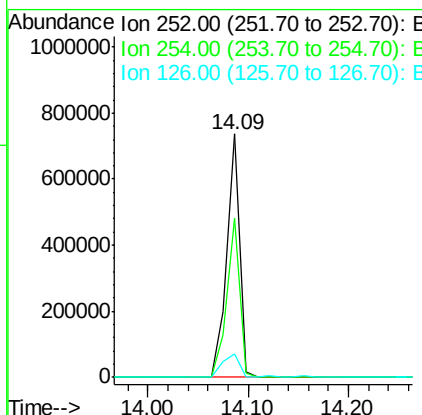
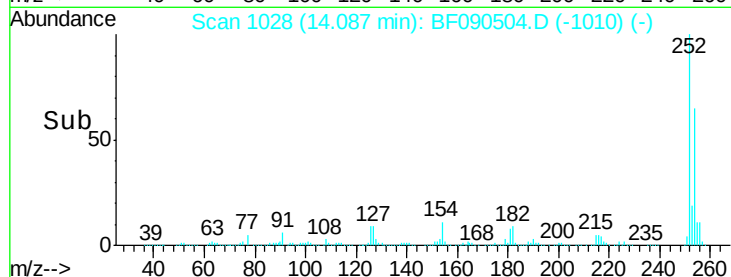
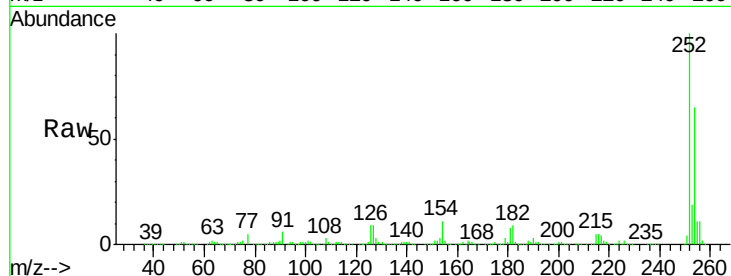
#81
 3,3'-Dichlorobenzidine
 Concen: 41.42 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.1	78.1
126	9.4	4.2	6.4

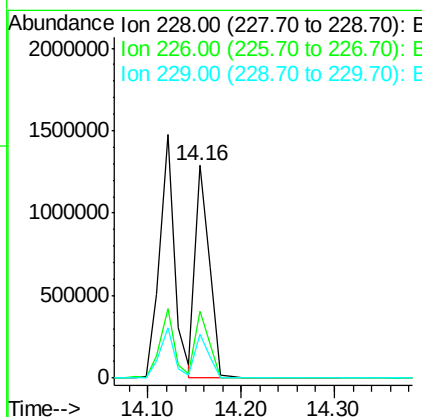
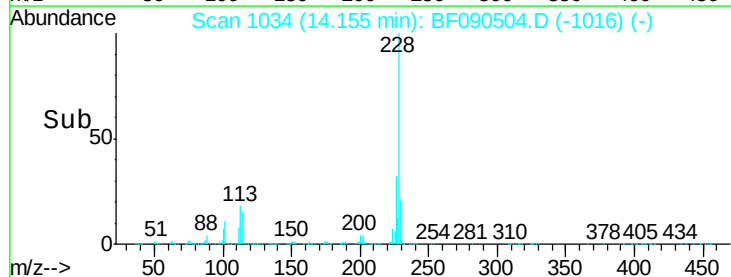
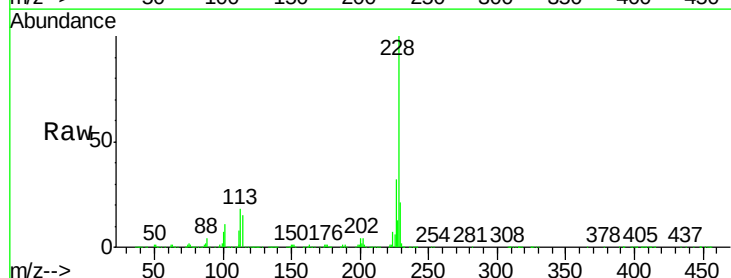
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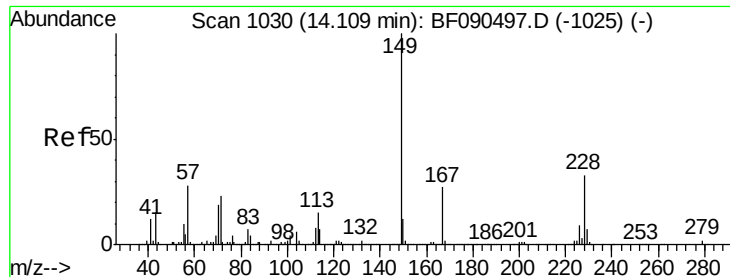
sohil
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#82
 Chrysene
 Concen: 33.11 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.8	38.6
229	20.6	16.9	25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.55 ng

RT: 14.11 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1162316

Ion Ratio Lower Upper

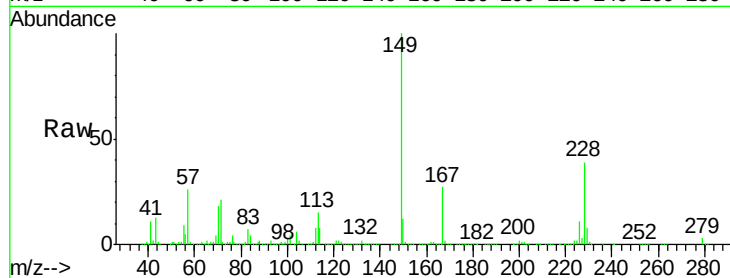
149 100

167 26.7 21.5 32.3

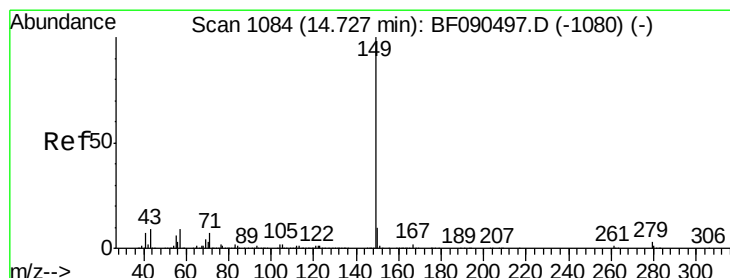
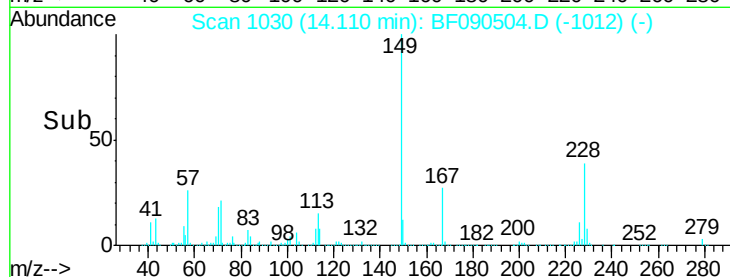
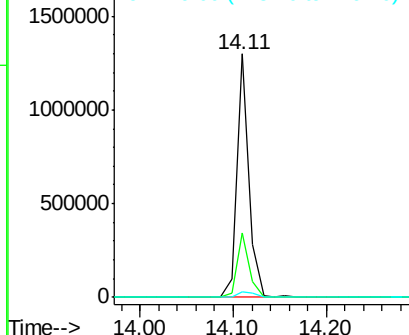
279 2.5 2.6 3.8#

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



#84

Di-n-octyl phthalate

Concen: 38.44 ng

RT: 14.73 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

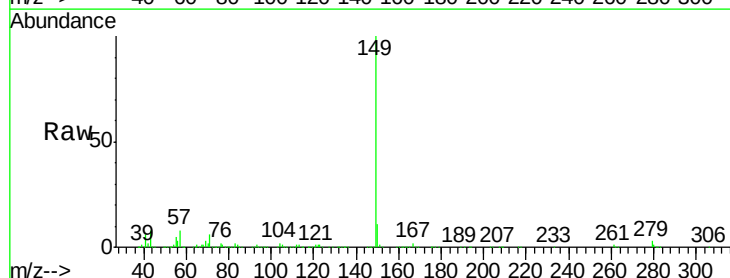
Tgt Ion:149 Resp: 1892849

Ion Ratio Lower Upper

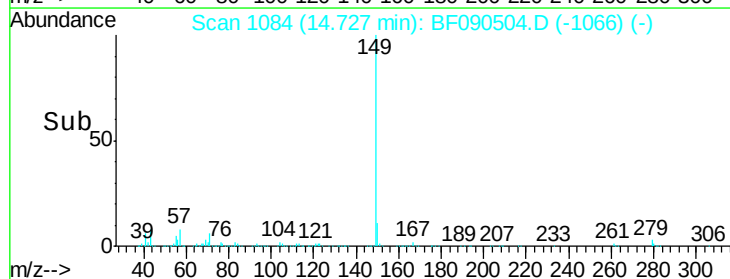
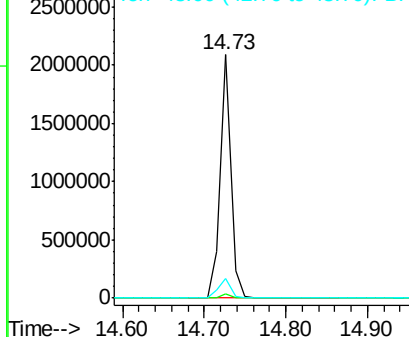
149 100

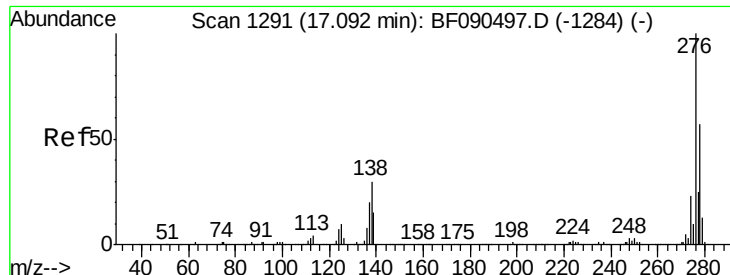
167 1.6 1.3 1.9

43 9.0 11.8 17.8#



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





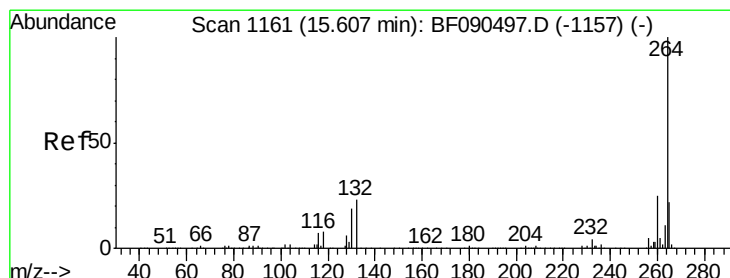
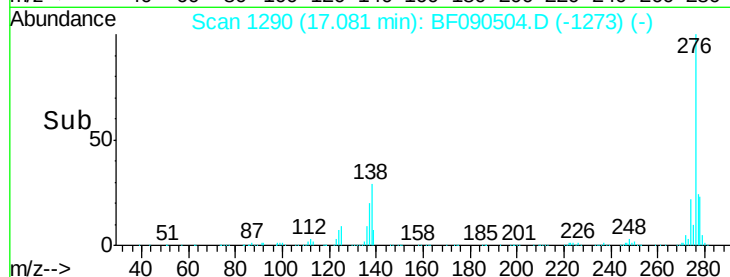
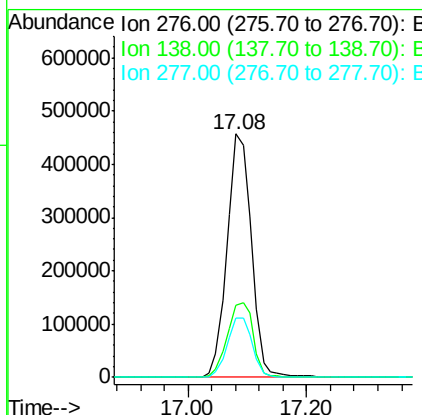
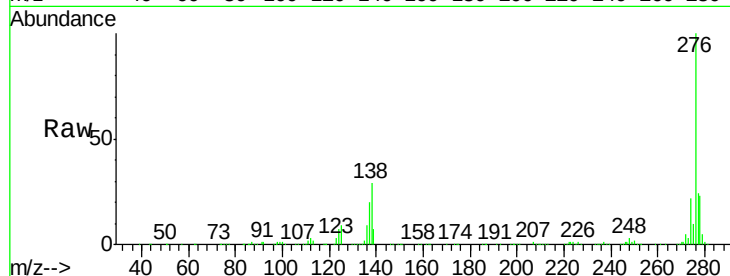
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.76 ng
RT: 17.08 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.9	23.8	35.8
277	25.3	20.4	30.6

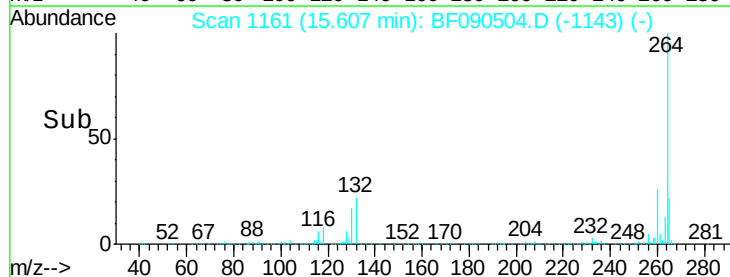
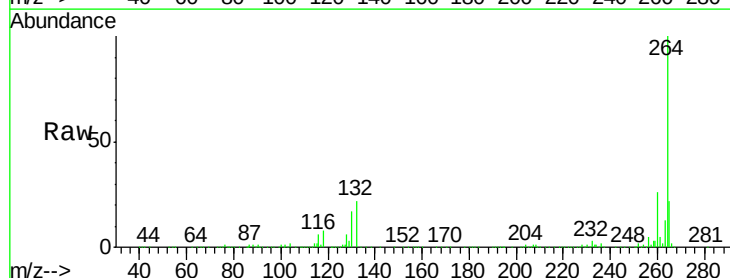
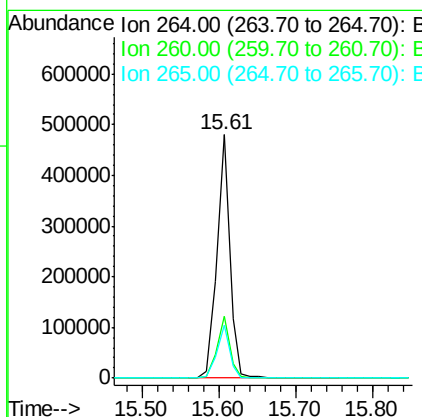
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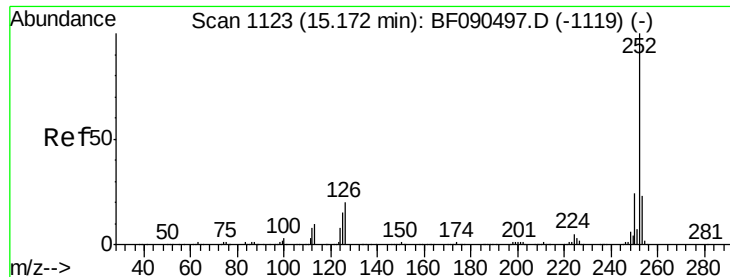
sohil
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.3	28.9
265	21.9	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 44.29 ng

RT: 15.17 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1647822

Ion Ratio Lower Upper

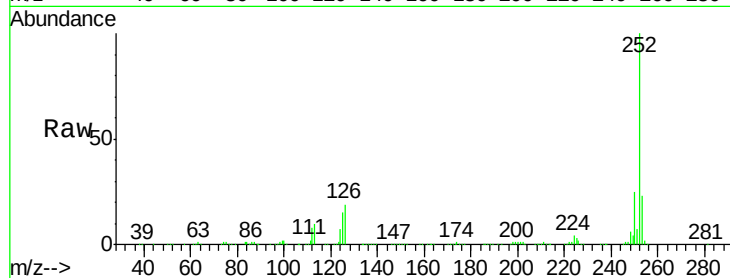
252 100

253 22.7 18.2 27.2

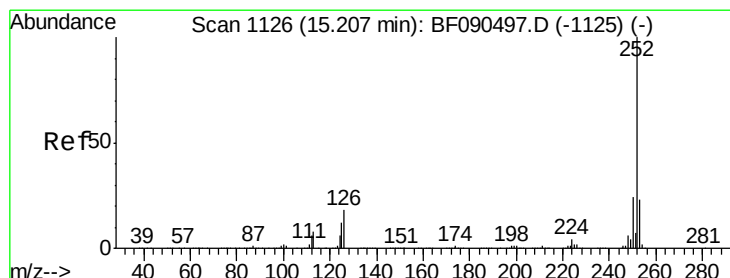
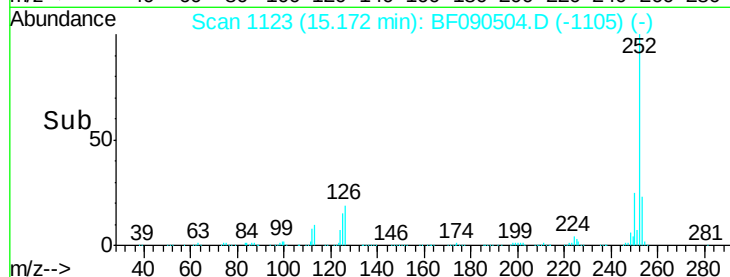
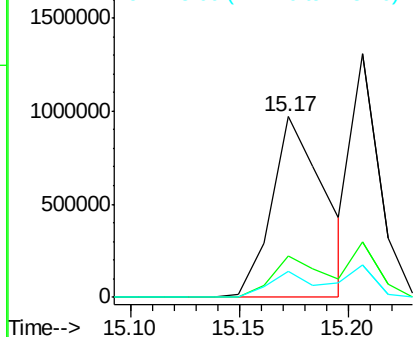
125 14.7 7.0 10.4#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 34.56 ng m

RT: 15.21 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Tgt Ion:252 Resp: 1145486

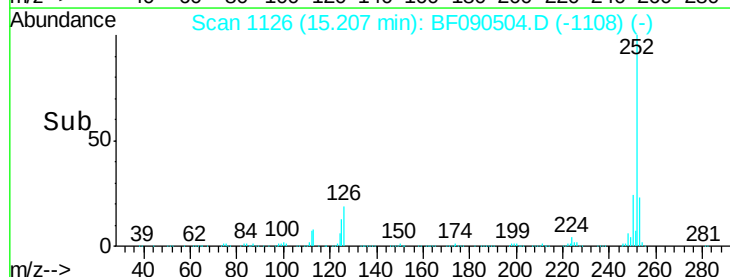
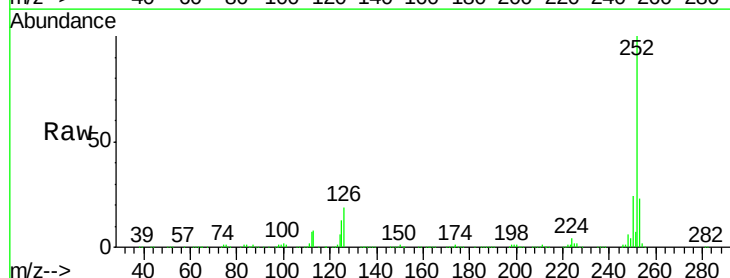
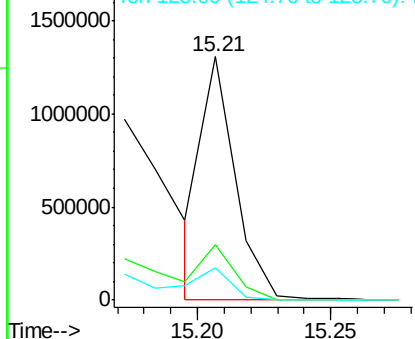
Ion Ratio Lower Upper

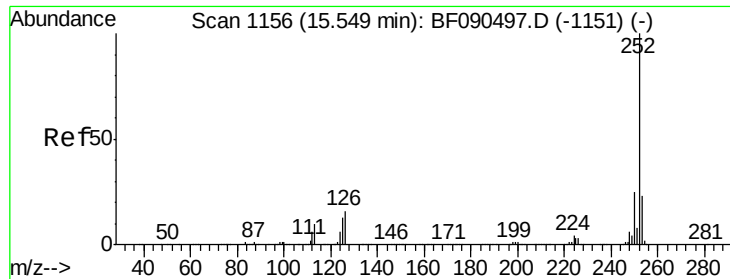
252 100

253 23.0 18.6 27.8

125 13.5 11.7 17.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





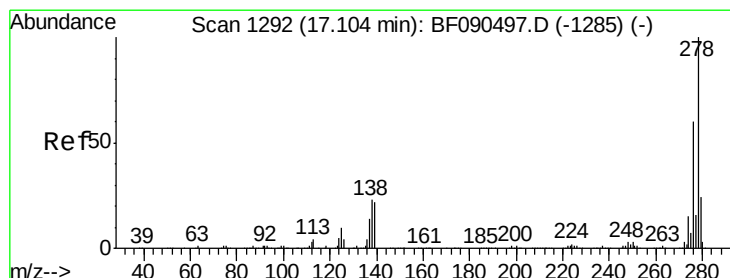
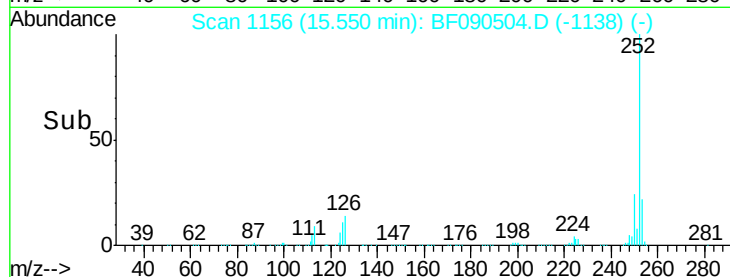
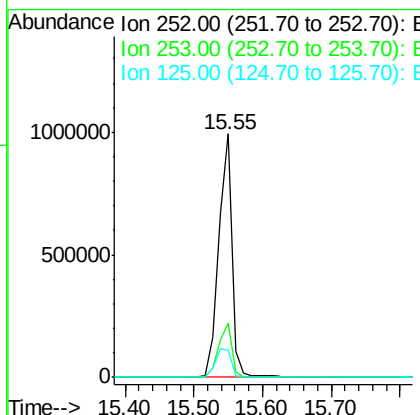
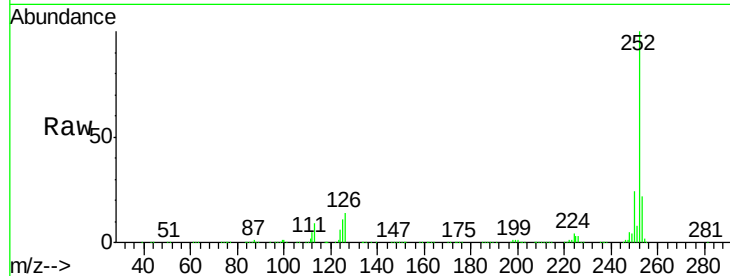
#89
Benzo(a)pyrene
Concen: 41.81 ng
RT: 15.55 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	11.3	9.8	14.8

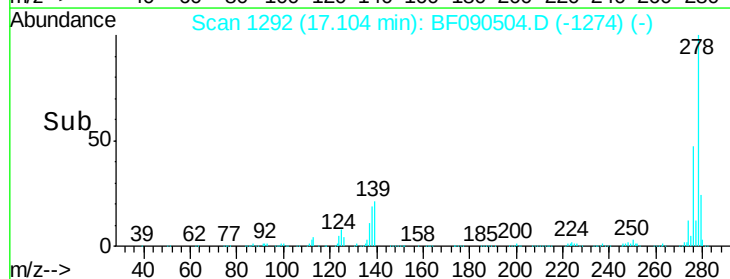
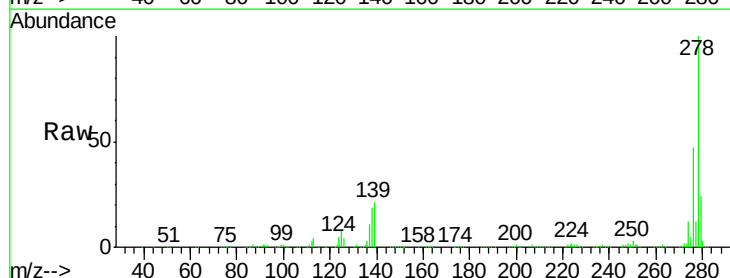
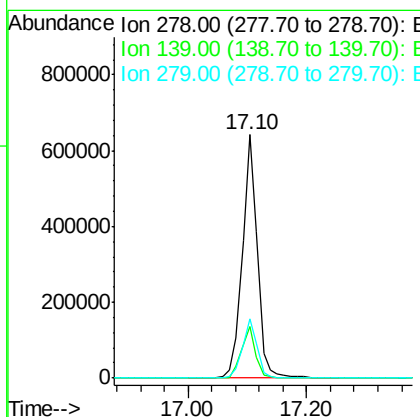
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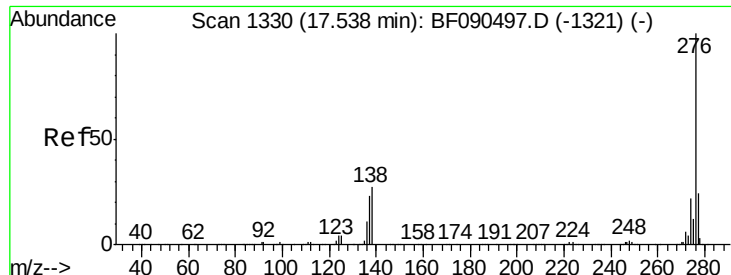
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 40.79 ng
RT: 17.10 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	12.8	19.2#
279	24.5	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.44 ng
 RT: 17.54 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	24.7	20.8	31.2

Manual Integrations
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sohil
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