

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091628.D
 Acq On : 15 Dec 2016 15:09
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

UMANGI
 12/16/2016 6:23:21 PM

Quant Time: Dec 16 12:12:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	296903	20.00	ng	-0.03
21) Naphthalene-d8	8.08	136	1197809	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	591420	20.00	ng	-0.03
63) Phenanthrene-d10	11.31	188	993459	20.00	ng	-0.02
75) Chrysene-d12	13.94	240	664462	20.00	ng	-0.02
86) Perylene-d12	15.35	264	591216	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	1345319	76.34	ng	-0.03
7) Phenol-d6	6.43	99	1769099	80.52	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1690228	78.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	386075	78.59	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	2421333	70.74	ng	-0.03
78) Terphenyl-d14	12.90	244	2390572	81.64	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	369025	39.68	ng	# 84
3) Pyridine	3.02	79	993160	40.08	ng	# 81
4) n-Nitrosodimethylamine	2.98	42	408534	38.37	ng	# 57
6) Aniline	6.45	93	1177445	40.88	ng	# 64
8) 2-Chlorophenol	6.57	128	784420	39.44	ng	87
9) Benzaldehyde	6.33	77	543607	35.95	ng	85
10) Phenol	6.44	94	1006812	39.19	ng	87
11) bis(2-Chloroethyl)ether	6.52	93	751889	38.96	ng	91
12) 1,3-Dichlorobenzene	6.73	146	876682	40.64	ng	99
13) 1,4-Dichlorobenzene	6.81	146	880336	41.38	ng	97
14) 1,2-Dichlorobenzene	6.96	146	774298	40.38	ng	99
15) Benzyl Alcohol	6.93	79	680731	39.24	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1195177	39.97	ng	79
17) 2-Methylphenol	7.05	107	677199	41.15	ng	# 76
18) Hexachloroethane	7.30	117	322814	38.88	ng	# 85
19) n-Nitroso-di-n-propylamine	7.21	70	525121	38.22	ng	# 82
20) 3+4-Methylphenols	7.21	107	750141	41.99	ng	# 77
22) Acetophenone	7.20	105	1129333	39.35	ng	# 95
24) Nitrobenzene	7.37	77	848184	37.41	ng	94
25) Isophorone	7.62	82	1572273	41.21	ng	97
26) 2-Nitrophenol	7.69	139	419146	41.88	ng	89
27) 2,4-Dimethylphenol	7.73	122	676976	38.51	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	862977	38.56	ng	100
29) 2,4-Dichlorophenol	7.94	162	663726	43.40	ng	94
30) 1,2,4-Trichlorobenzene	8.02	180	716391	41.22	ng	97
31) Naphthalene	8.10	128	2353740	42.23	ng	100
32) Benzoic acid	7.86	122	597923	47.46	ng	93
33) 4-Chloroaniline	8.14	127	914464	38.09	ng	98
34) Hexachlorobutadiene	8.21	225	358957	36.03	ng	96
35) Caprolactam	8.52	113	194081	43.46	ng	# 64
36) 4-Chloro-3-methylphenol	8.64	107	718295	41.88	ng	98
37) 2-Methylnaphthalene	8.78	142	1372304	38.04	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	651192	40.14	ng	99
40) Hexachlorocyclopentadiene	8.94	237	293133	40.53	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
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 Operator : UM/SJ
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Manual Integrations
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Quant Time: Dec 16 12:12:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	460603m	44.19	nq	
43) 2,4,5-Trichlorophenol	9.10	196	440372m	41.12	nq	
45) 1,1'-Biphenyl	9.25	154	1765159	41.21	nq	97
46) 2-Chloronaphthalene	9.28	162	1337821	40.33	nq	98
47) 2-Nitroaniline	9.37	65	443672	39.77	nq	89
48) Acenaphthylene	9.69	152	1970016	38.96	nq	99
49) Dimethylphthalate	9.56	163	1633555	43.62	nq	99
50) 2,6-Dinitrotoluene	9.62	165	394142	47.95	nq	# 76
51) Acenaphthene	9.86	154	1326208	37.76	nq	97
52) 3-Nitroaniline	9.79	138	465943m	48.26	nq	
53) 2,4-Dinitrophenol	9.89	184	179346	46.15	nq	# 70
54) Dibenzofuran	10.03	168	1667089	38.37	nq	100
55) 4-Nitrophenol	9.95	139	306494	42.67	nq	87
56) 2,4-Dinitrotoluene	10.02	165	493697	47.92	nq	# 81
57) Fluorene	10.37	166	1268906	40.35	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	387393	46.20	nq	98
59) Diethylphthalate	10.26	149	1556284	43.16	nq	# 93
60) 4-Chlorophenyl-phenylether	10.37	204	613385	39.26	nq	100
61) 4-Nitroaniline	10.40	138	410068	42.74	nq	94
62) Azobenzene	10.53	77	1743275	42.66	nq	93
64) 4,6-Dinitro-2-methylphenol	10.43	198	270645	45.05	nq	# 38
65) n-Nitrosodiphenylamine	10.49	169	1157726	39.09	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	395649	38.84	nq	93
67) Hexachlorobenzene	10.92	284	428335	40.44	nq	# 85
68) Atrazine	11.01	200	376777	39.56	nq	98
69) Pentachlorophenol	11.12	266	259968	43.62	nq	94
70) Phenanthrene	11.33	178	2059871	41.87	nq	98
71) Anthracene	11.38	178	2031091	38.28	nq	99
72) Carbazole	11.54	167	1830984	39.37	nq	100
73) Di-n-butylphthalate	11.88	149	2363492	43.61	nq	99
74) Fluoranthene	12.52	202	2134068	41.43	nq	97
76) Benzidine	12.64	184	717605	34.93	nq	99
77) Pyrene	12.74	202	2143767	40.67	nq	99
79) Butylbenzylphthalate	13.37	149	904034	43.99	nq	91
80) Benzo(a)anthracene	13.93	228	1579483	40.93	nq	100
81) 3,3'-Dichlorobenzidine	13.89	252	581146	41.94	nq	# 97
82) Chrysene	13.96	228	1624544	40.24	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	1091673	41.41	nq	98
84) Di-n-octyl phthalate	14.55	149	1979086	44.23	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.71	276	1399693	38.53	nq	98
87) Benzo(b)fluoranthene	14.95	252	1391763m	39.49	nq	
88) Benzo(k)fluoranthene	14.98	252	1454948m	46.95	nq	
89) Benzo(a)pyrene	15.29	252	1322530	41.65	nq	99
90) Dibenzo(a,h)anthracene	16.72	278	1183064	41.59	nq	99
91) Benzo(g,h,i)perylene	17.12	276	1230424	42.51	nq	98

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

```

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091628.D
Acq On    : 15 Dec 2016   15:09
Operator  : UM/SJ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2      Sample Multiplier: 1

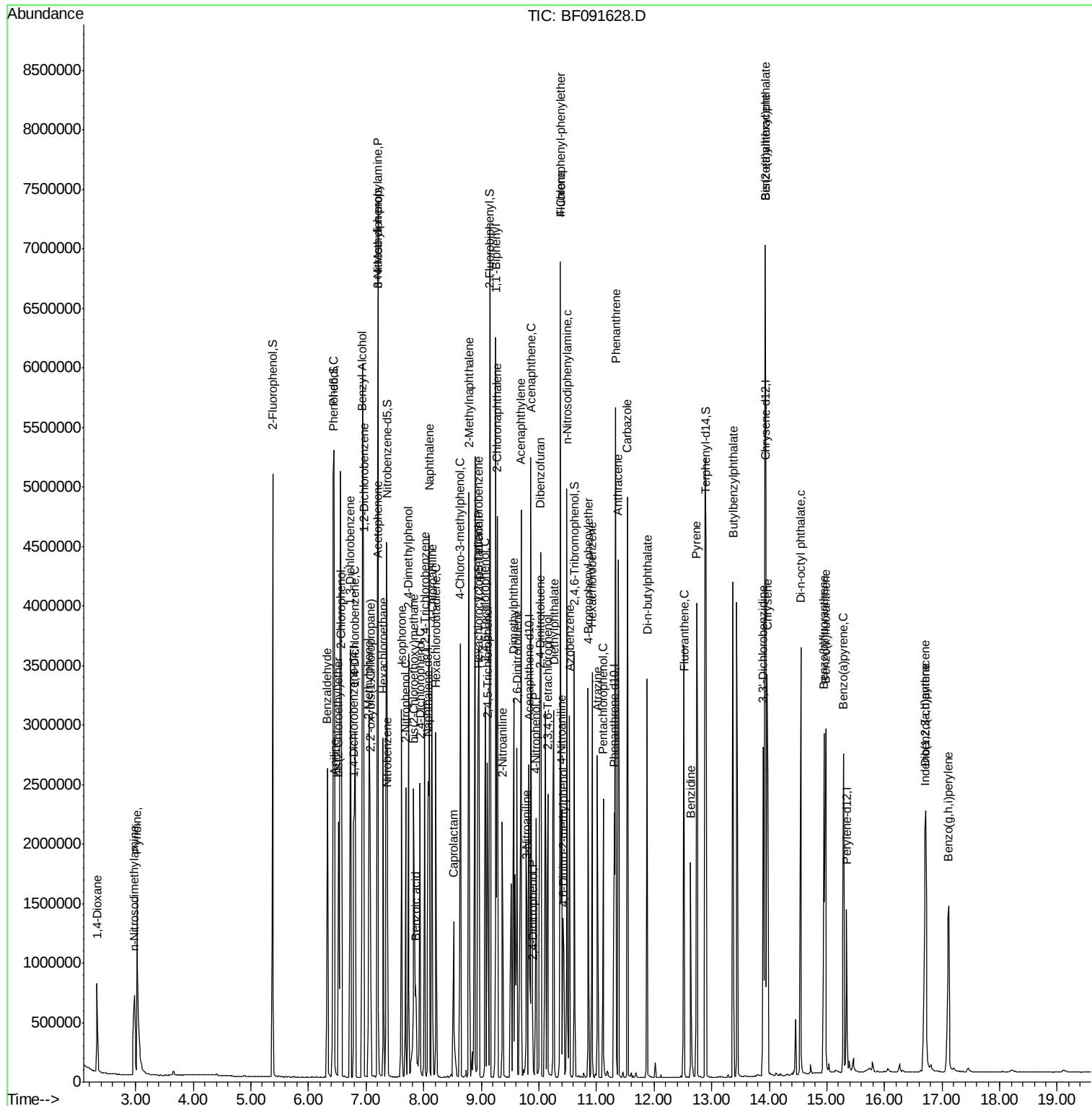
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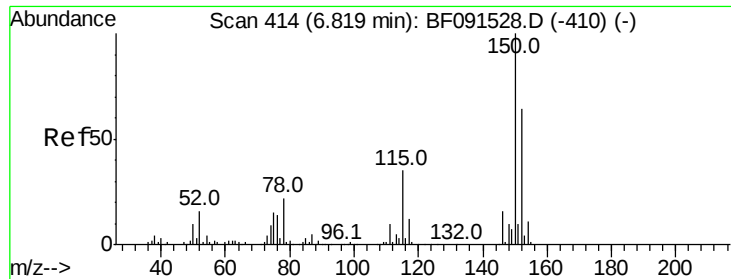
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

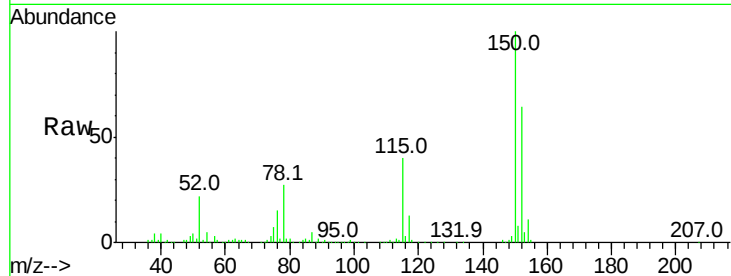
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.03 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

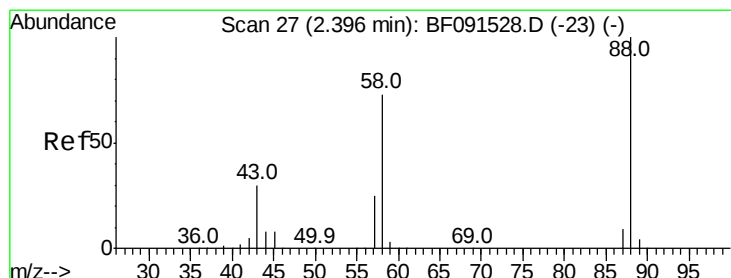
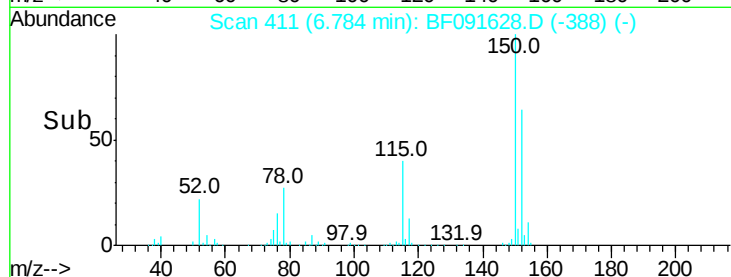
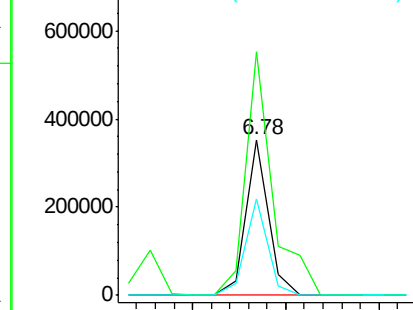
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	122.5	183.7
115	62.0	51.8	77.8

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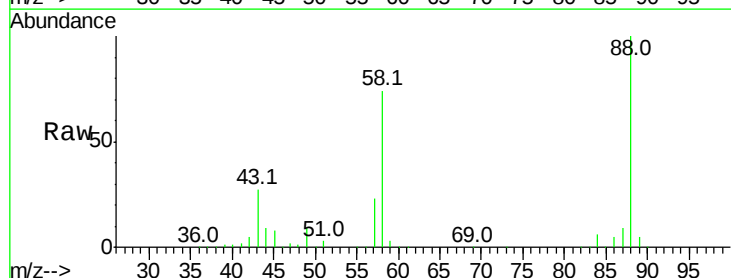
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



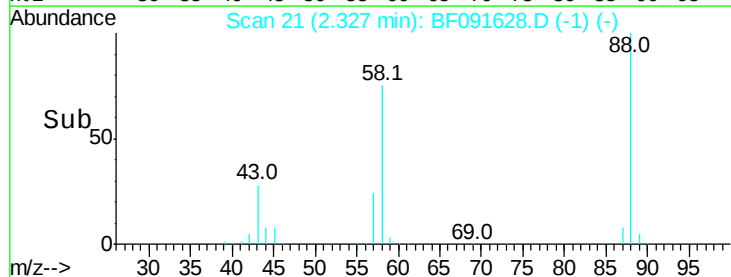
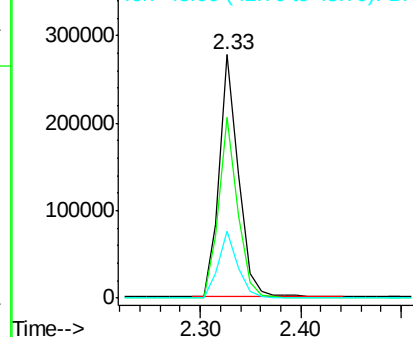
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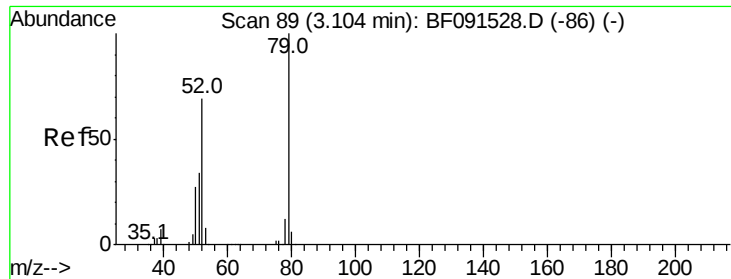
1,4-Dioxane
Concen: 39.68 ng
RT: 2.33 min Scan# 21
Delta R.T. -0.07 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.3	70.3	105.5
43	28.3	31.3	46.9#



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





#3

Pvridine

Concen: 40.08 ng

RT: 3.02 min Scan# 82

Delta R.T. -0.08 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA_F

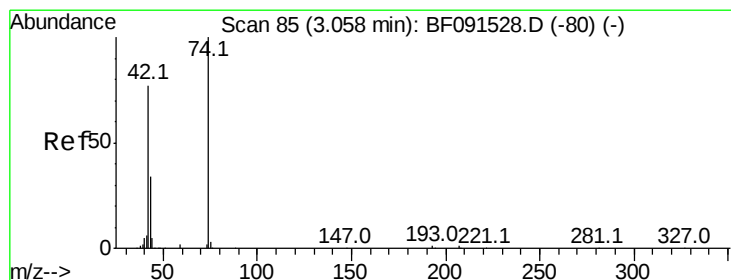
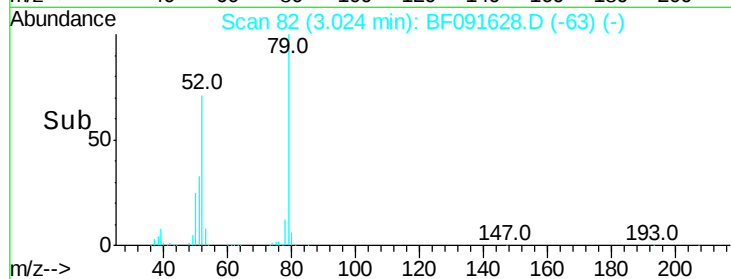
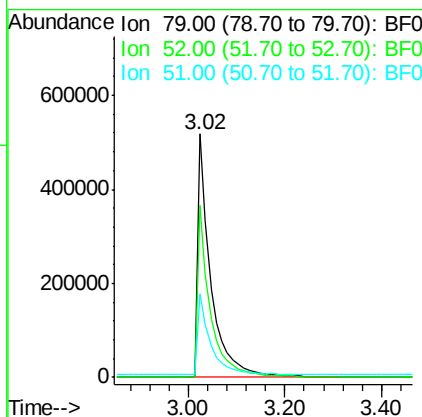
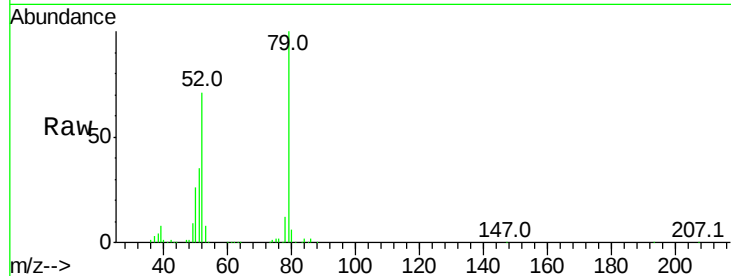
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.8	71.0	106.4#
51	34.5	37.0	55.4#

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#4

n-Nitrosodimethylamine

Concen: 38.37 ng

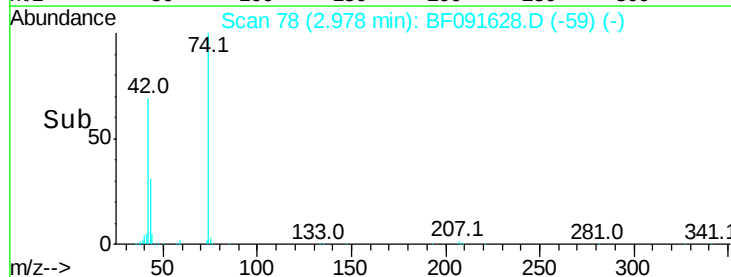
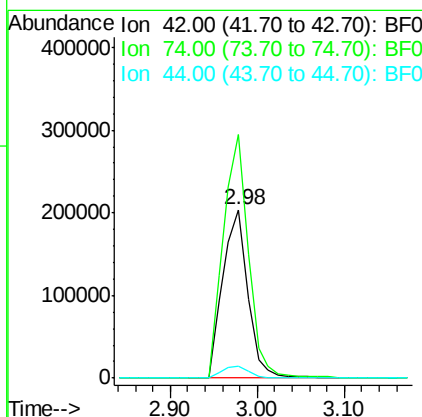
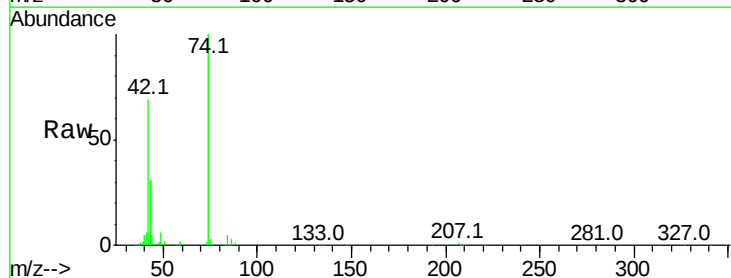
RT: 2.98 min Scan# 78

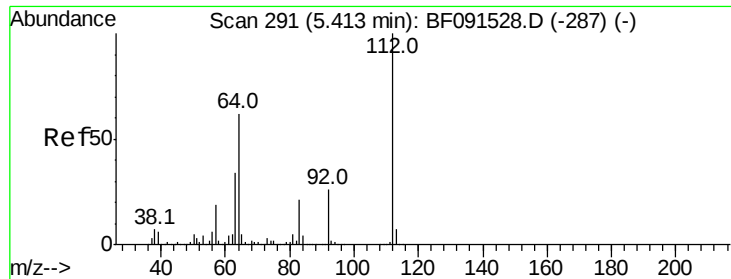
Delta R.T. -0.08 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.8	78.9	118.3#
44	7.1	5.8	8.6





#5

2-Fluorophenol

Concen: 76.34 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA_F

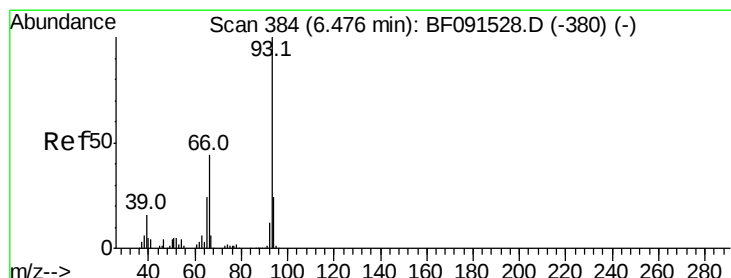
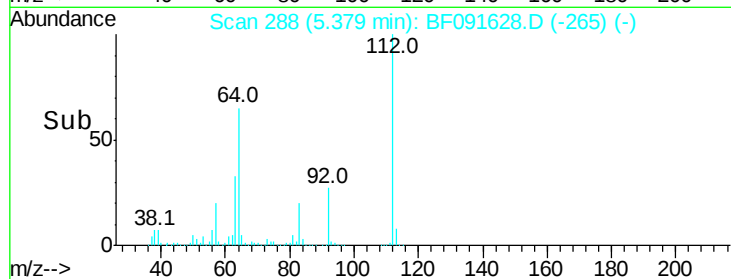
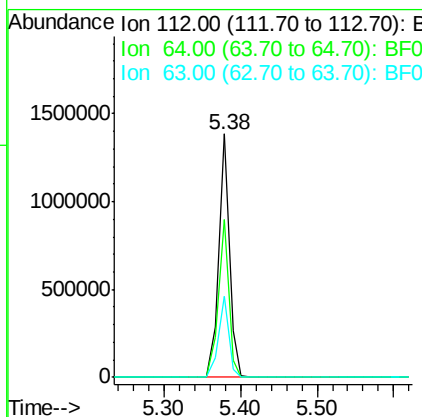
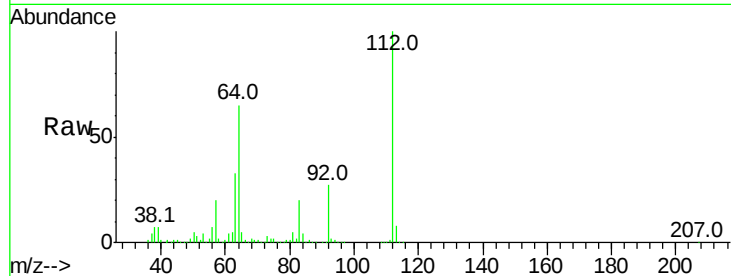
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	1345319
Ion	Ratio	Lower	Upper
112	100		
64	64.9	61.5	92.3
63	33.5	33.3	49.9

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#6

Aniline

Concen: 40.88 ng

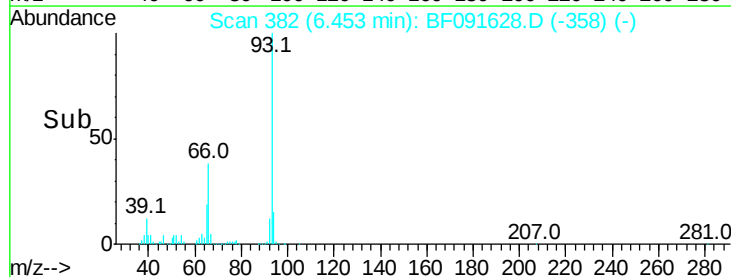
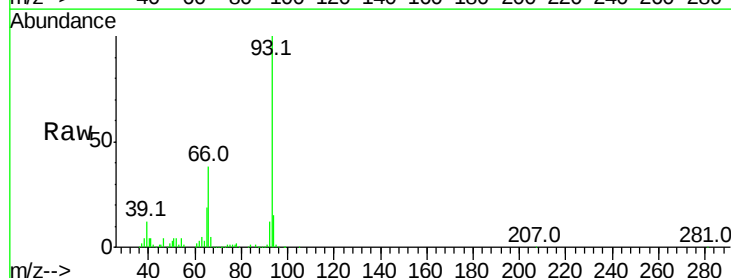
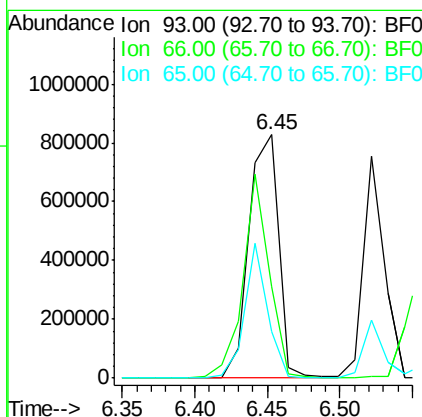
RT: 6.45 min Scan# 382

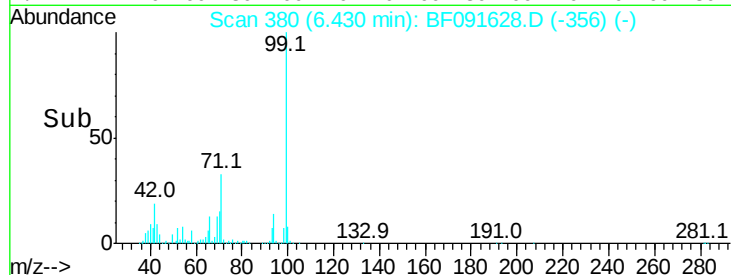
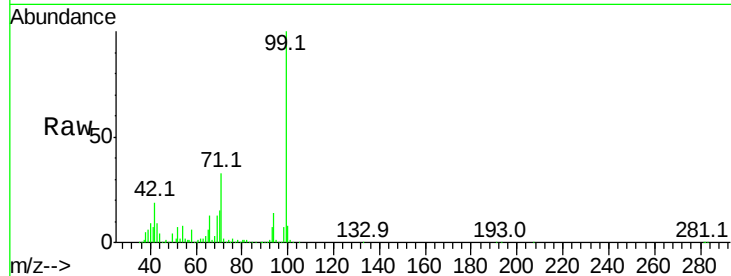
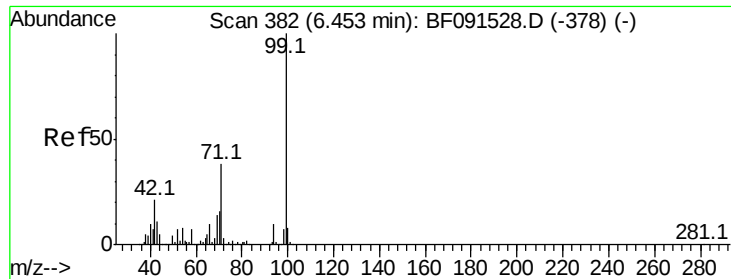
Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Tgt Ion:	93	Resp:	1177445
Ion	Ratio	Lower	Upper
93	100		
66	37.7	55.8	83.6#
65	19.0	29.9	44.9#





#7

Phenol-d6

Concen: 80.52 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Tot Ion: 99 Resp: 1769099

Ion Ratio Lower Upper

99 100

42 18.6 20.6 31.0#

71 33.1 29.9 44.9

Instrument :

BNA_F

ClientSampleId :

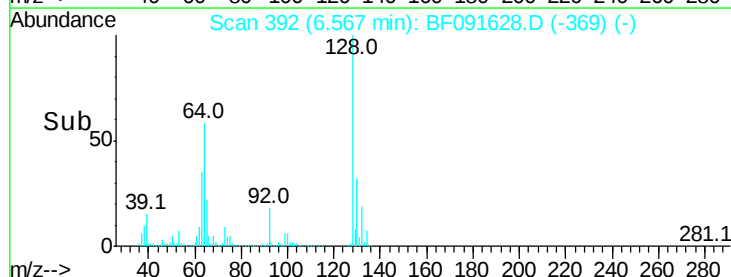
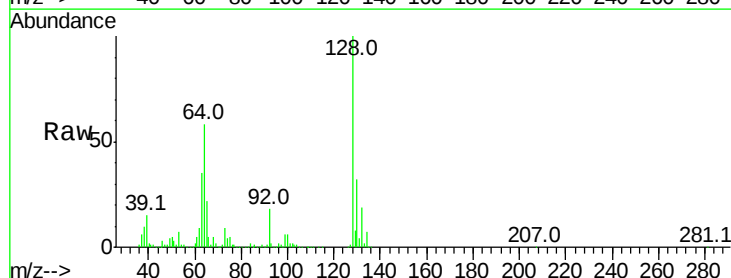
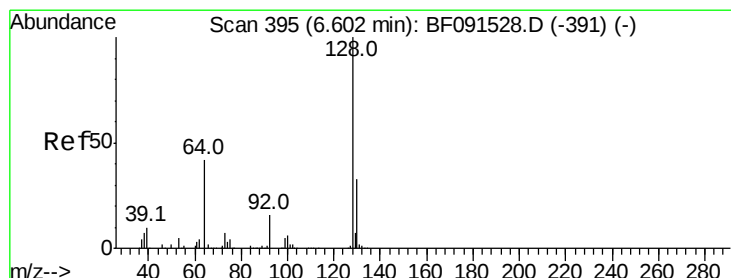
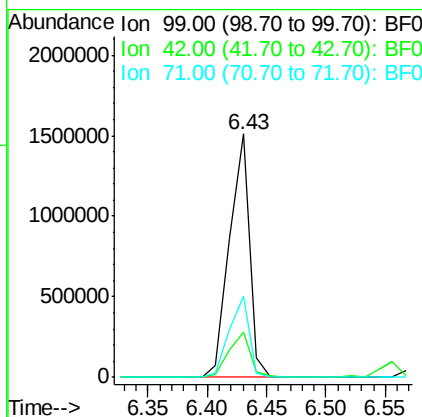
SSTDCCC040

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#8

2-Chlorophenol

Concen: 39.44 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

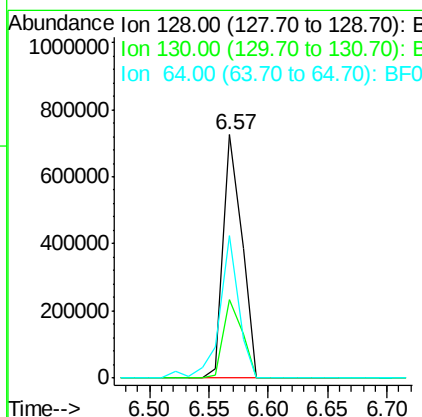
Tgt Ion:128 Resp: 784420

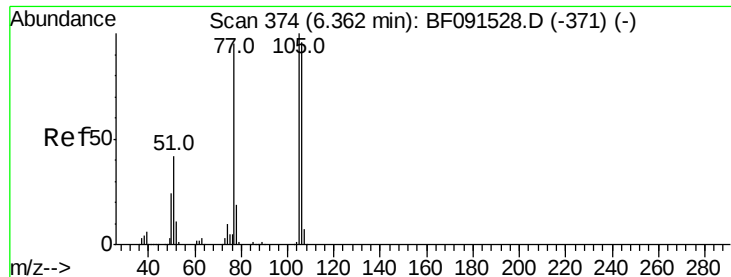
Ion Ratio Lower Upper

128 100

130 32.4 13.1 53.1

64 58.3 24.1 64.1





#9

Benzaldehyde

Concen: 35.95 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA_F

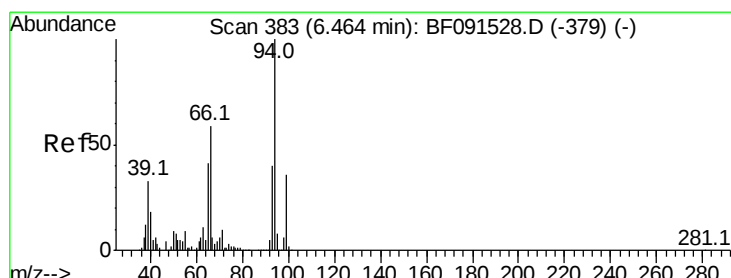
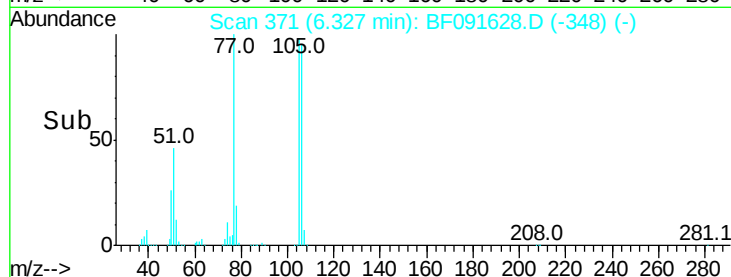
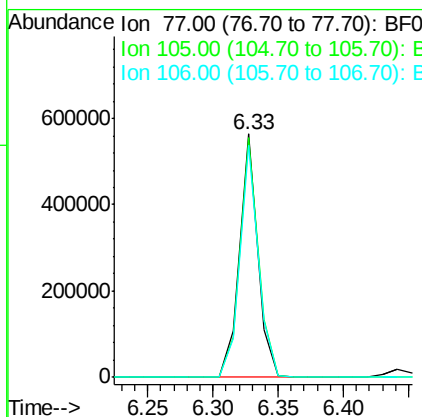
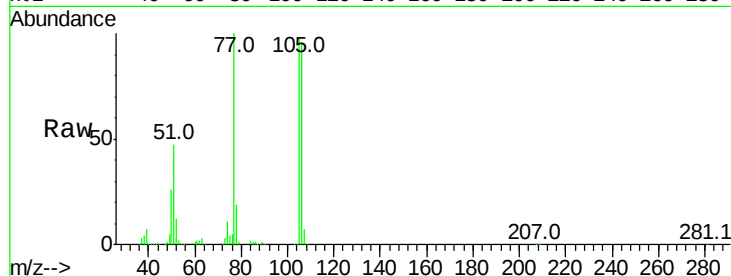
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	543607
Ion Ratio	Lower	Upper	
77	100		
105	98.5	66.4	106.4
106	95.4	60.9	100.9

Manual Integrations
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#10

Phenol

Concen: 39.19 ng

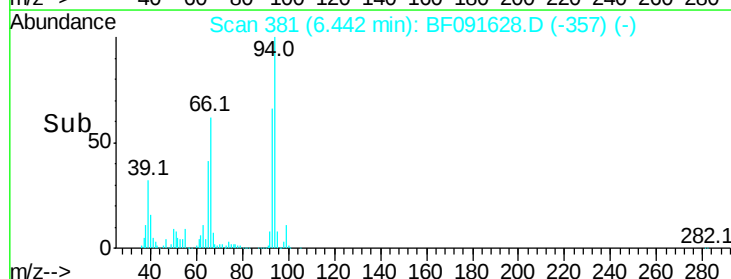
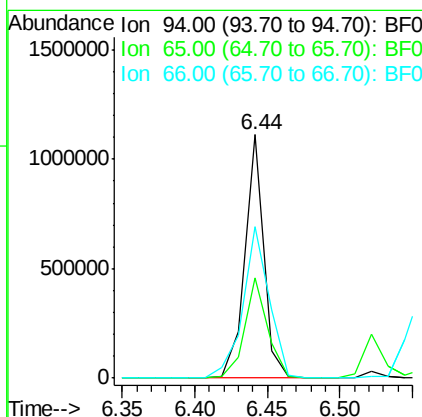
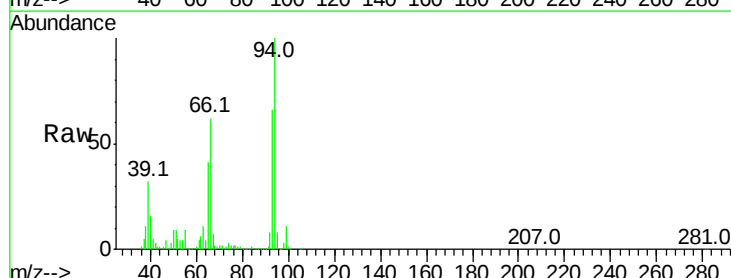
RT: 6.44 min Scan# 381

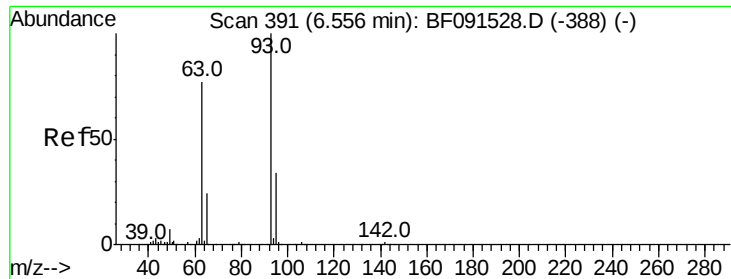
Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Tgt Ion:	94	Resp:	1006812
Ion Ratio	Lower	Upper	
94	100		
65	41.1	16.9	56.9
66	62.2	30.6	70.6





#11

bis(2-Chloroethyl)ether

Concen: 38.96 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA_F

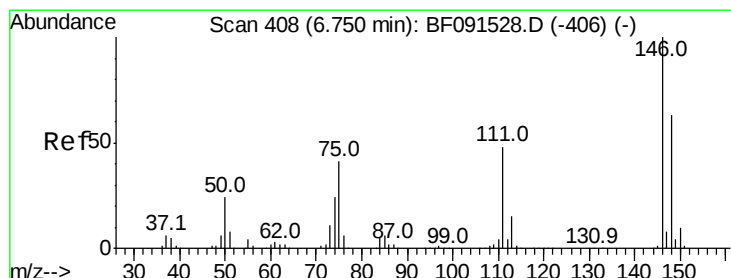
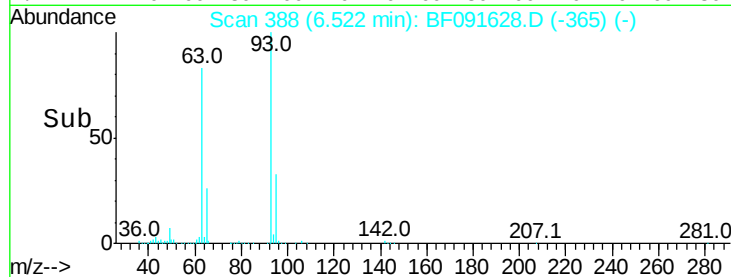
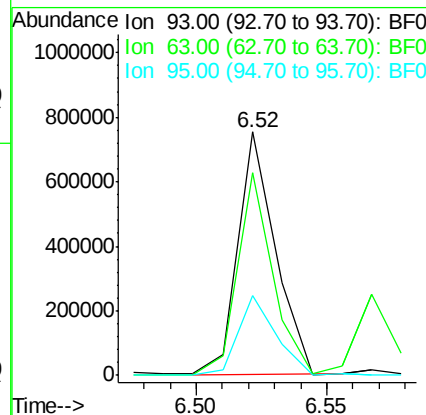
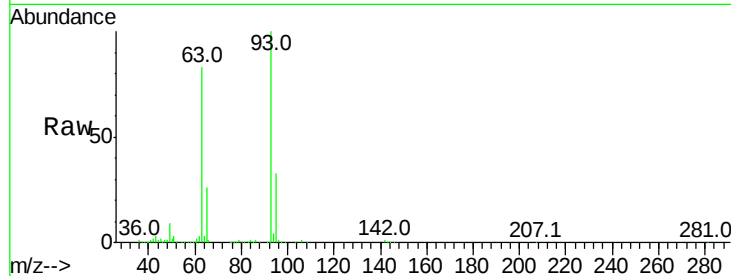
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	751889
Ion	Ratio	Lower	Upper
93	100		
63	83.0	74.8	114.8
95	32.9	12.4	52.4

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#12

1,3-Dichlorobenzene

Concen: 40.64 ng

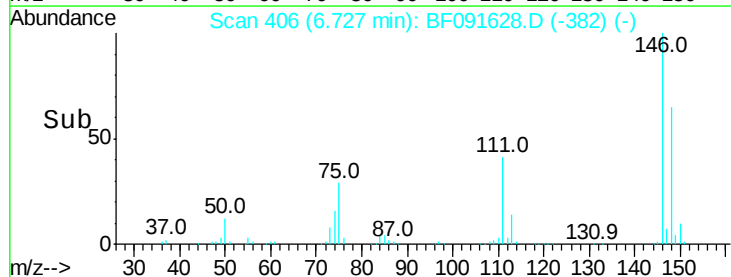
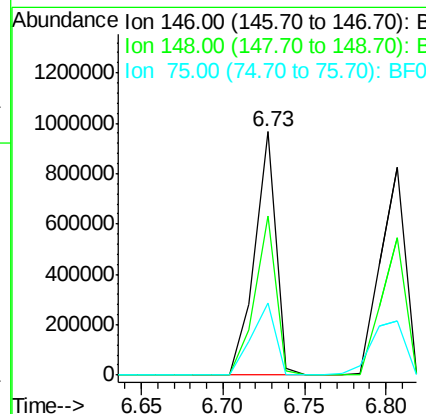
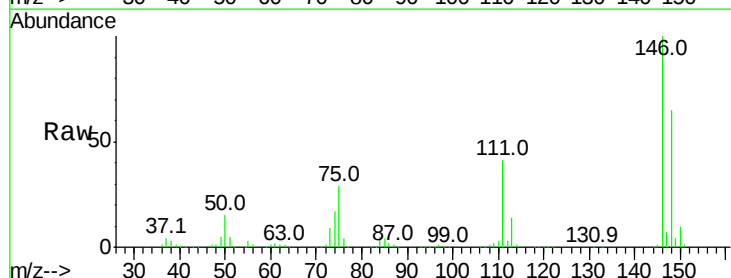
RT: 6.73 min Scan# 406

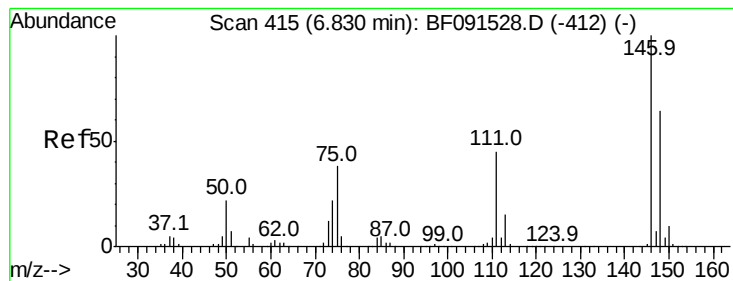
Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Tgt Ion:	146	Resp:	876682
Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.4	77.0
75	29.4	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 41.38 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA_F

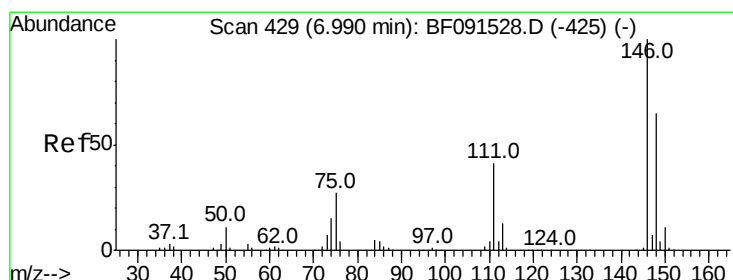
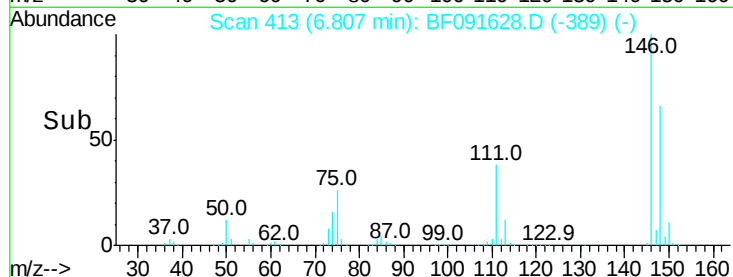
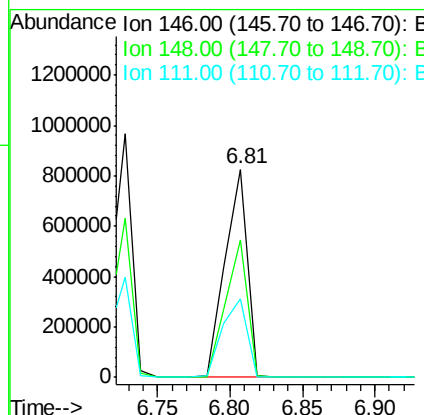
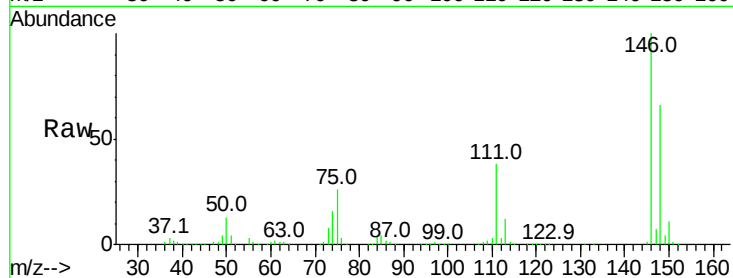
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.4	77.0
111	37.7	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 40.38 ng

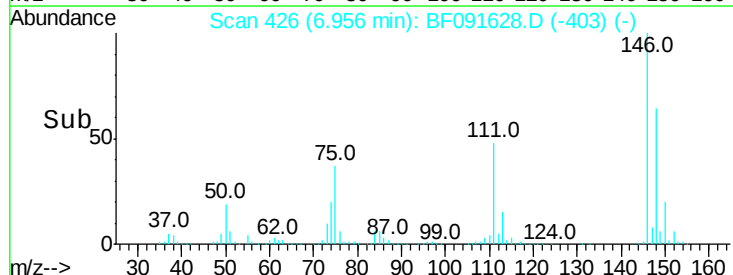
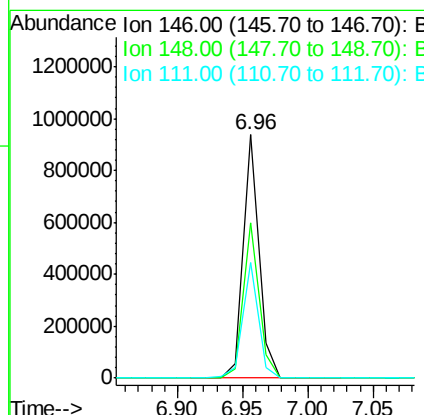
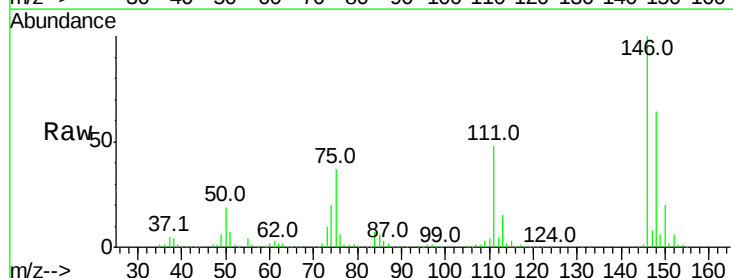
RT: 6.96 min Scan# 426

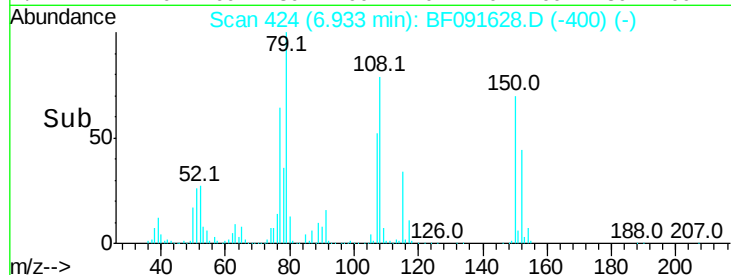
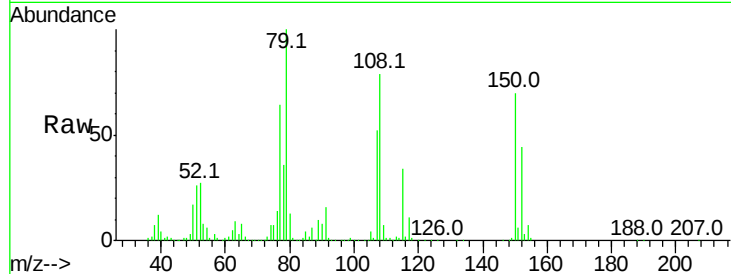
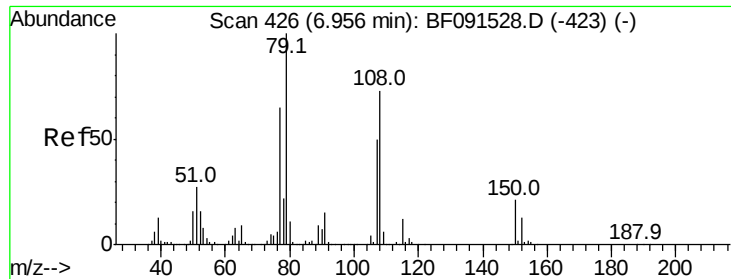
Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
111	47.6	38.9	58.3





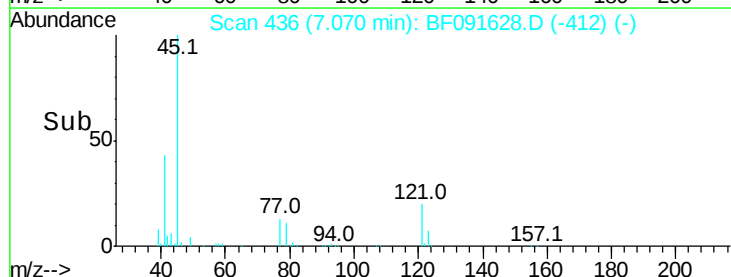
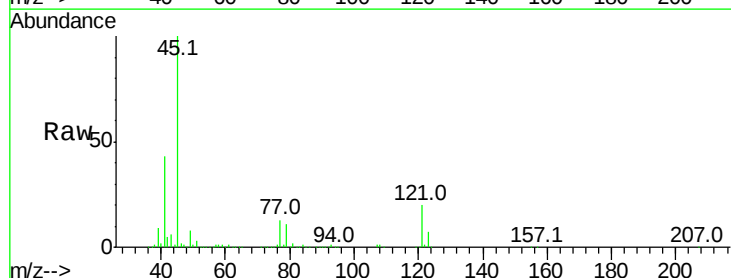
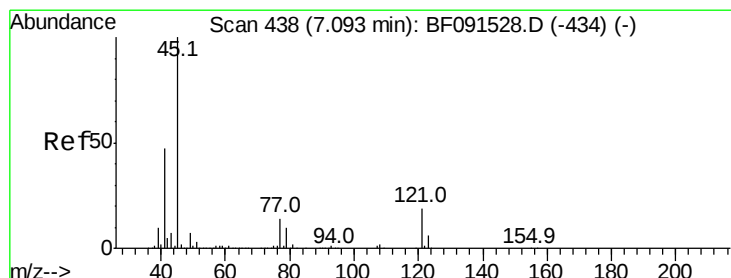
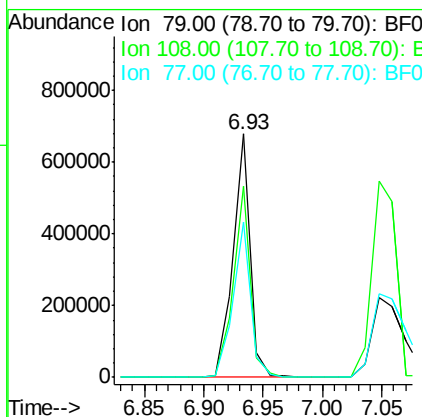
#15
Benzyl Alcohol
Concen: 39.24 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.02 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Tot Ion: 79 Resp: 680731
Ion Ratio Lower Upper
79 100
108 78.6 62.7 94.1
77 63.6 51.7 77.5

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

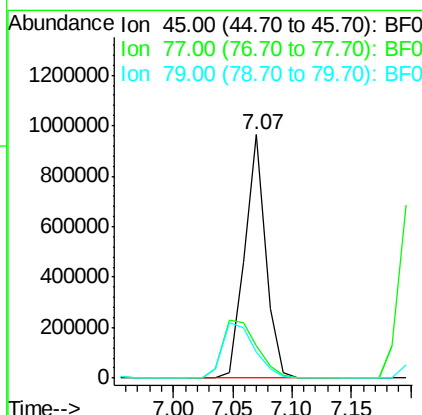
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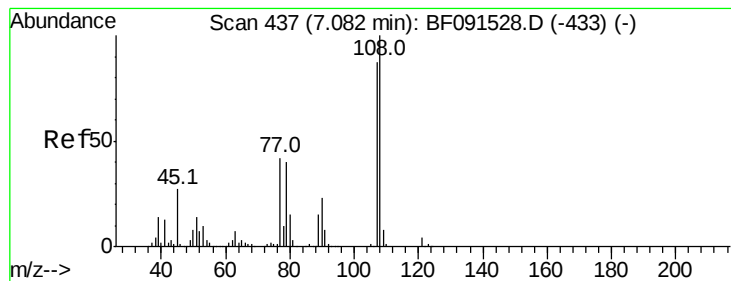
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.97 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Tgt Ion: 45 Resp: 1195177
Ion Ratio Lower Upper
45 100
77 13.5 3.8 43.8
79 10.6 0.2 40.2





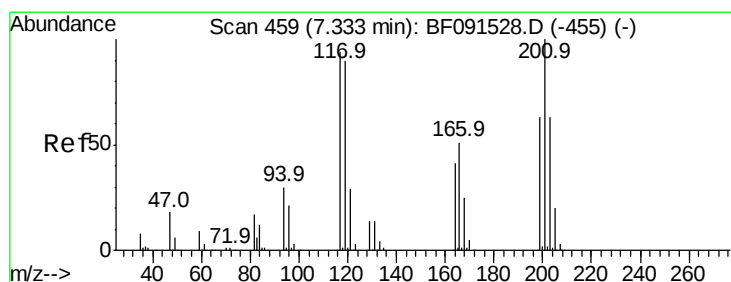
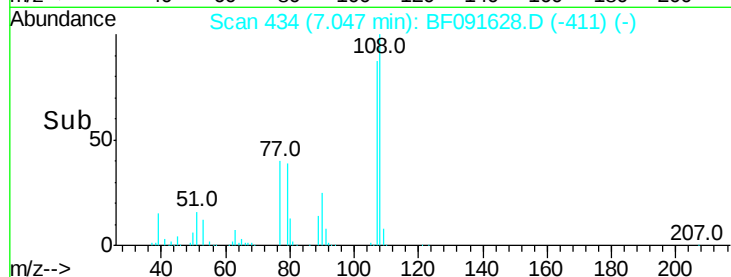
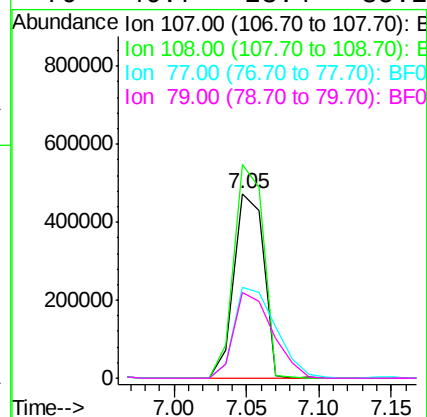
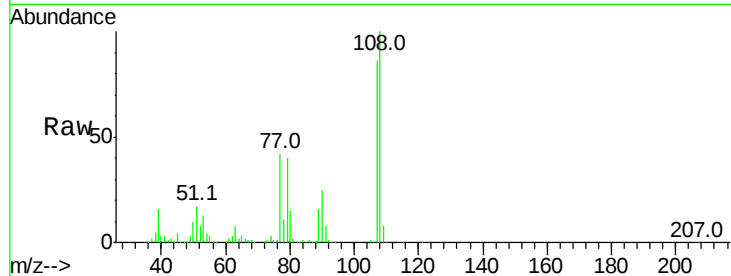
#17
2-Methylphenol
Concen: 41.15 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.03 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	677199		
108	115.7	67.7	101.5#	
77	48.9	40.7	61.1	
79	46.7	23.4	35.2#	

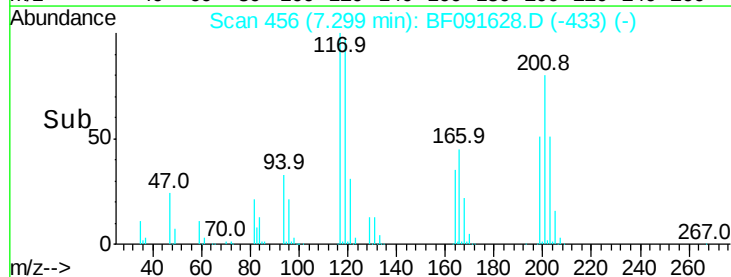
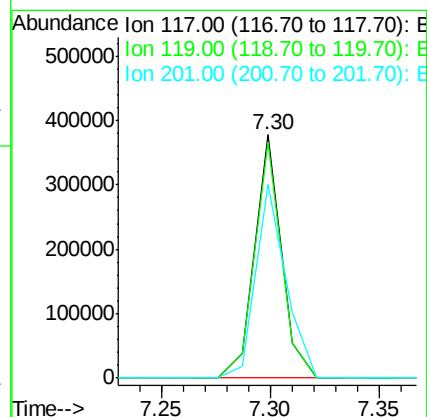
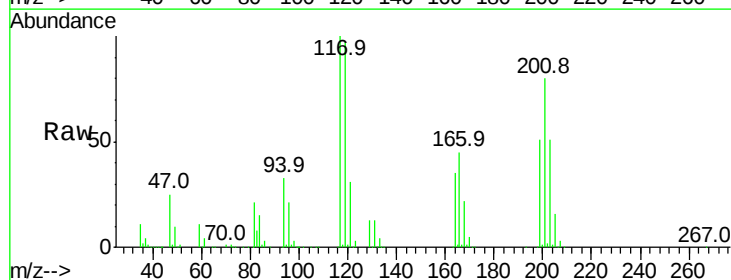
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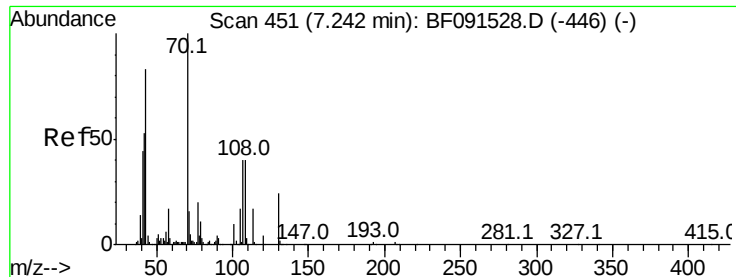
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#18
Hexachloroethane
Concen: 38.88 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.03 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	322814		
119	96.7	78.6	118.0	
201	79.7	86.7	130.1#	





#19

n-Nitroso-di-n-propylamine

Concen: 38.22 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA_F

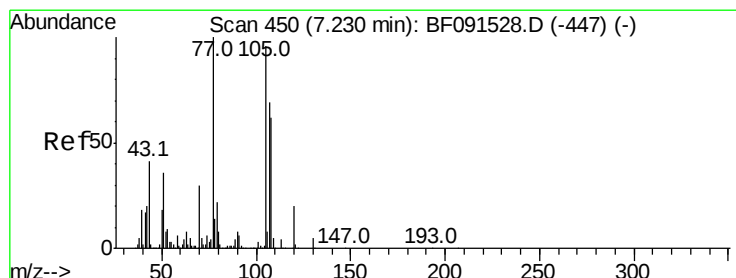
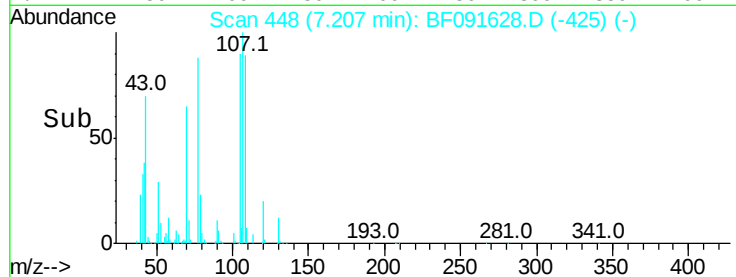
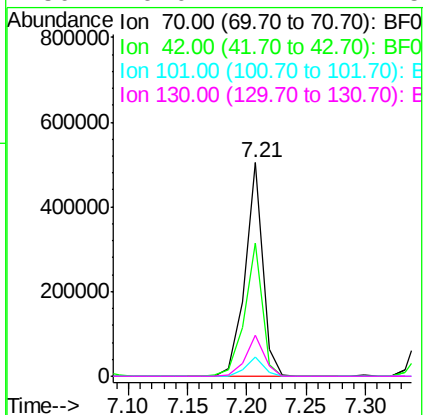
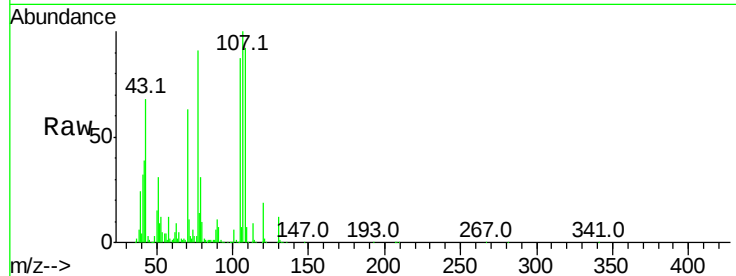
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.1	64.8	97.2#
101	9.0	6.2	9.4
130	19.0	11.7	17.5#

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#20

3+4-Methylphenols

Concen: 41.99 ng

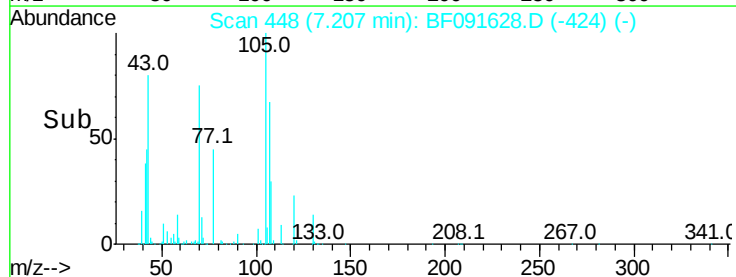
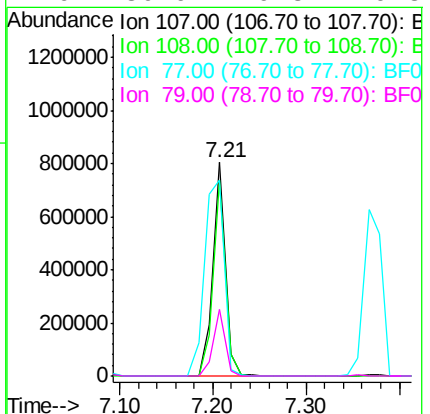
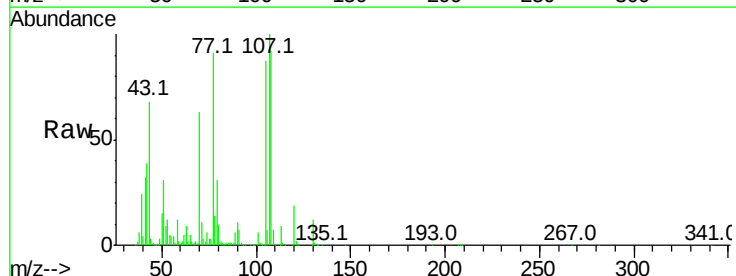
RT: 7.21 min Scan# 448

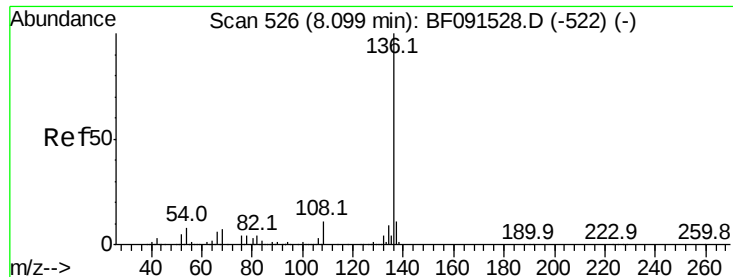
Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	64.6	104.6
77	91.4	30.9	70.9#
79	30.9	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1197809

Ion Ratio Lower Upper

136 100

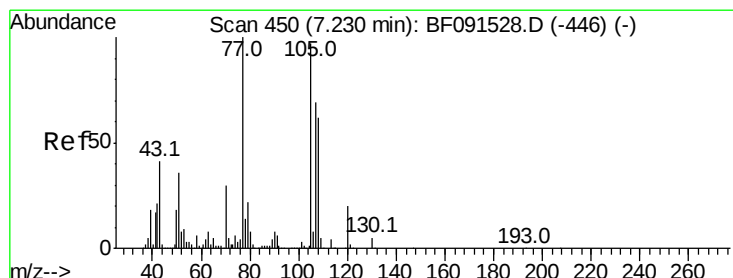
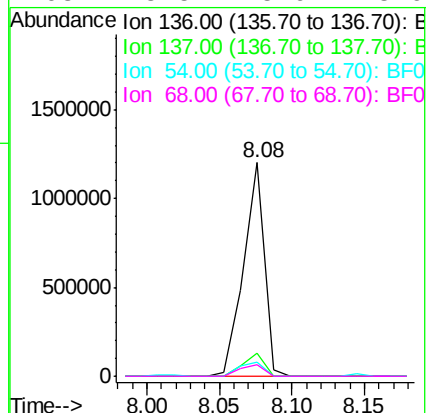
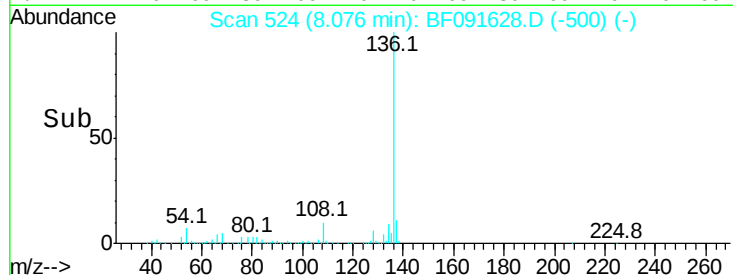
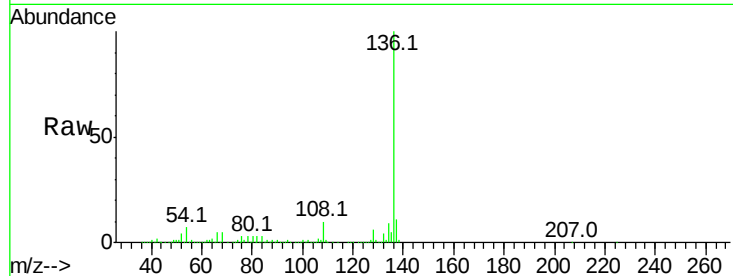
137 10.9 9.1 13.7

54 6.6 9.1 13.7#

68 5.5 5.9 8.9#

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#22

Acetophenone

Concen: 39.35 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Tgt Ion:105 Resp: 1129333

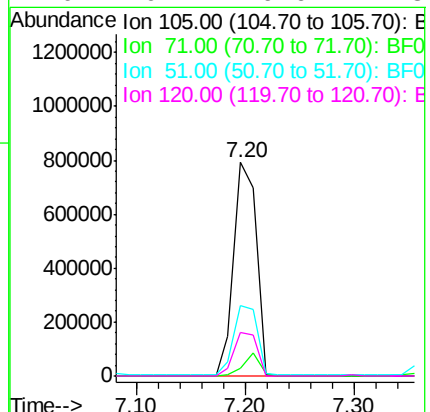
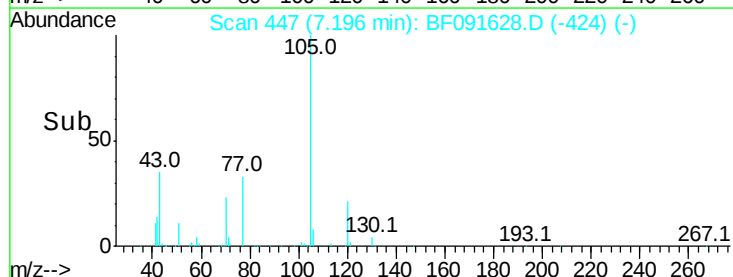
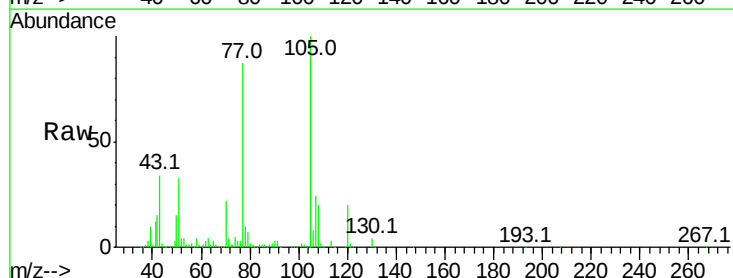
Ion Ratio Lower Upper

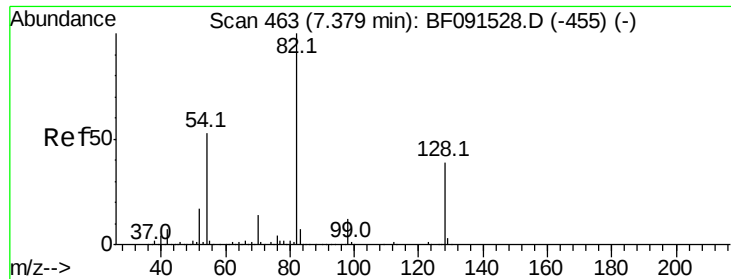
105 100

71 3.8 7.9 11.9#

51 33.1 24.5 36.7

120 20.4 16.6 24.8





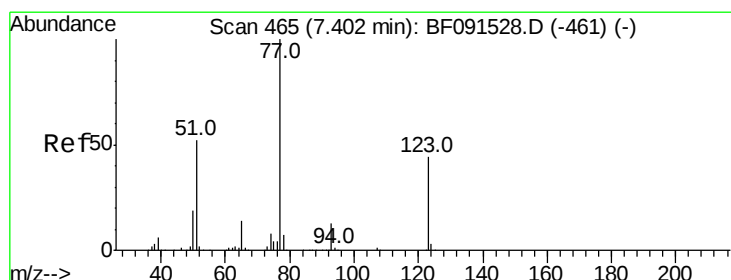
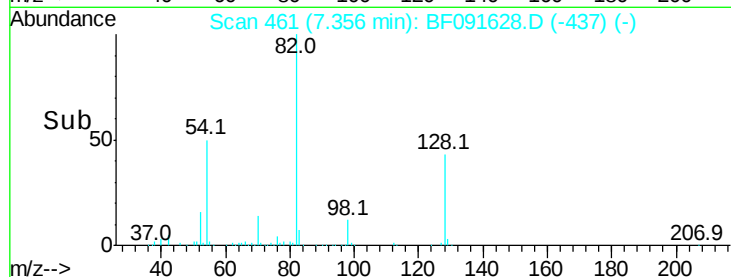
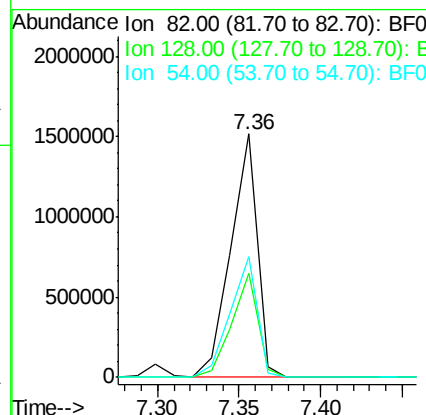
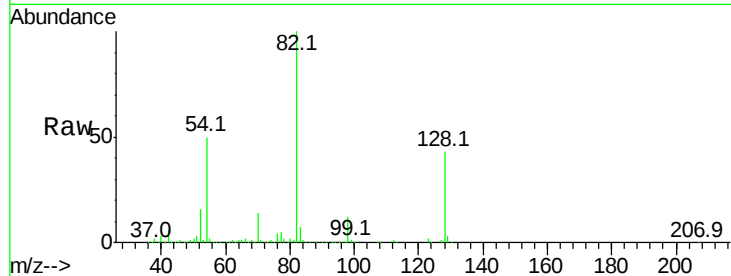
#23
Nitrobenzene-d5
Concen: 78.76 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	31.8	47.6
54	49.7	49.1	73.7

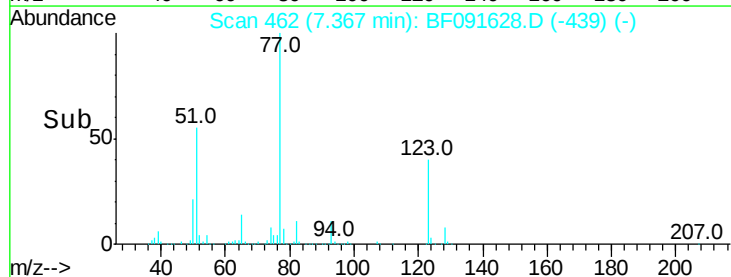
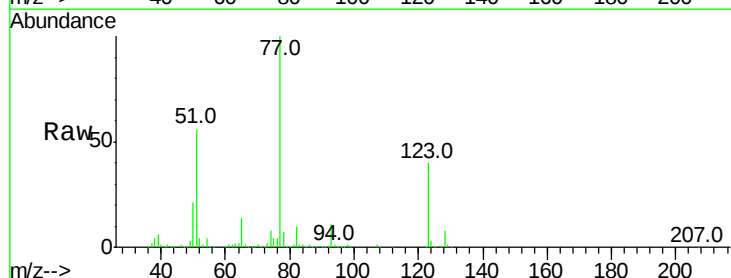
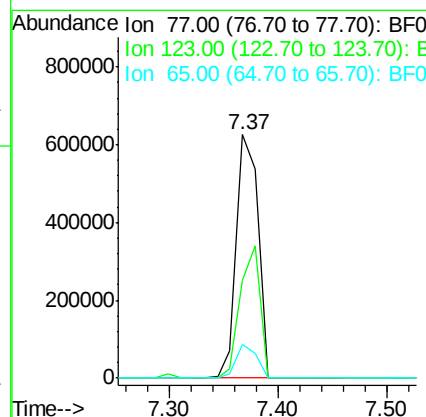
Manual Integrations
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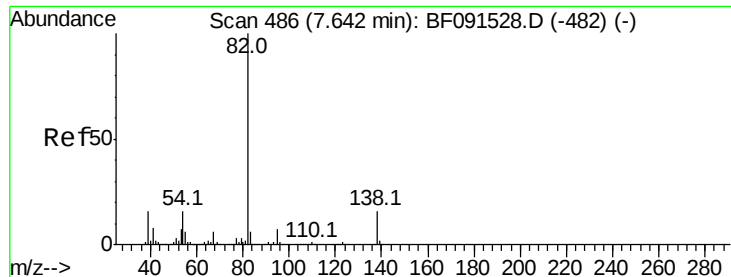
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#24
Nitrobenzene
Concen: 37.41 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.9	28.5	42.7
65	13.9	12.5	18.7





#25

Isophorone

Concen: 41.21 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1572273

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

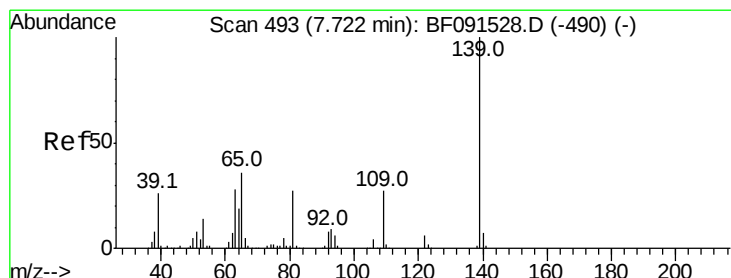
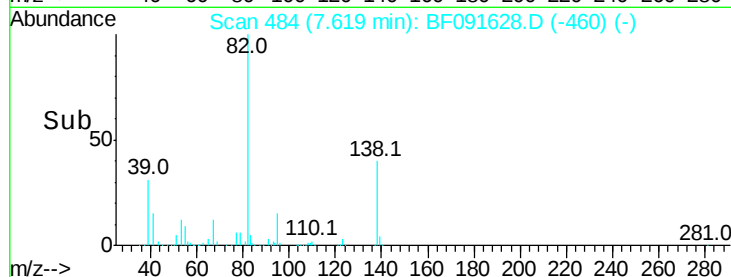
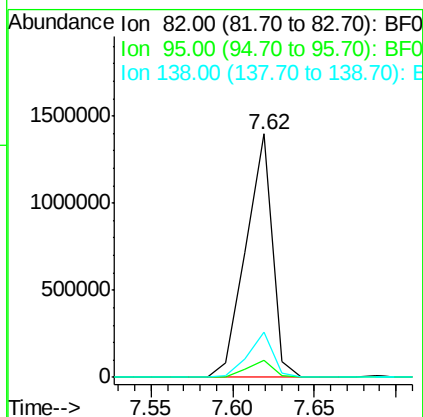
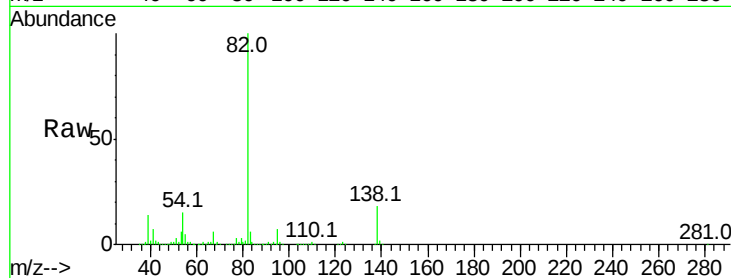
138 18.4 13.4 20.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 41.88 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

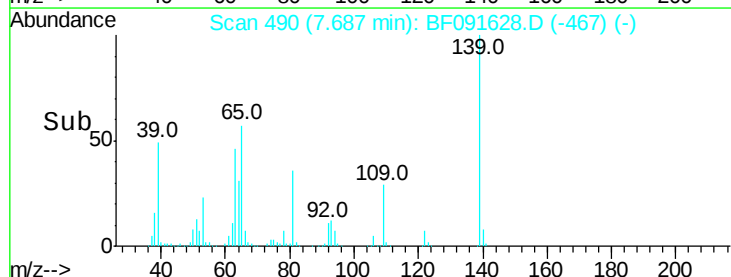
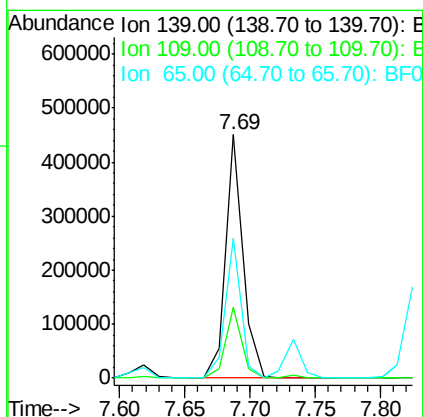
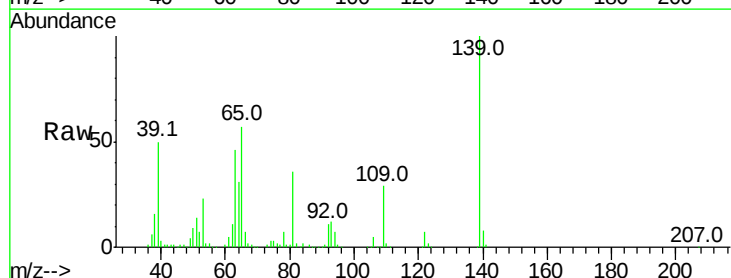
Tgt Ion: 139 Resp: 419146

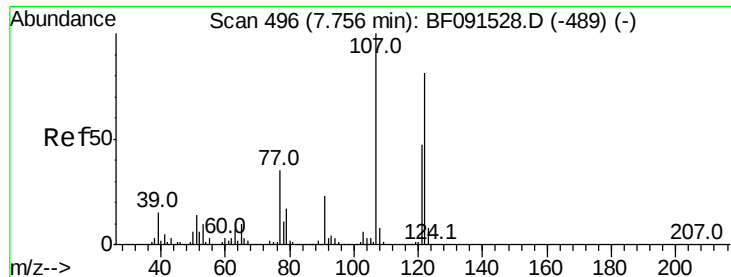
Ion Ratio Lower Upper

139 100

109 29.3 25.3 37.9

65 57.2 55.4 83.2





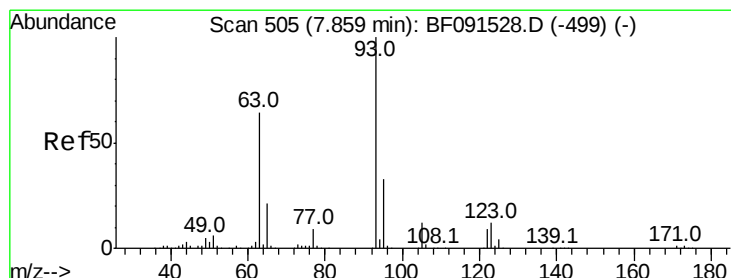
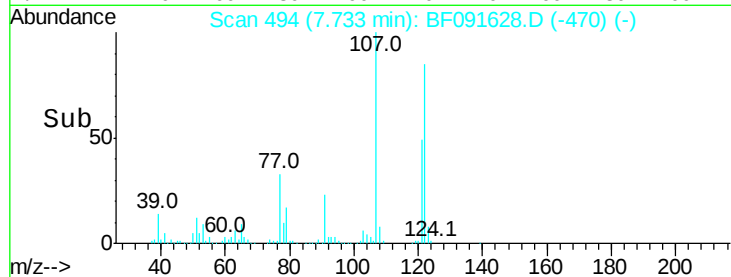
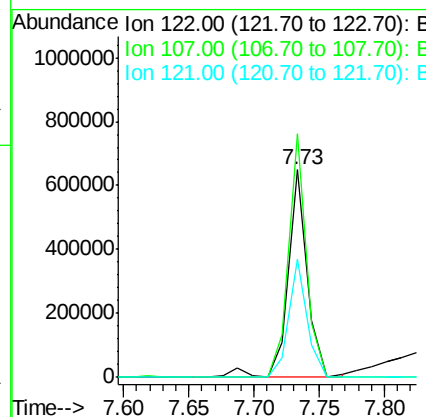
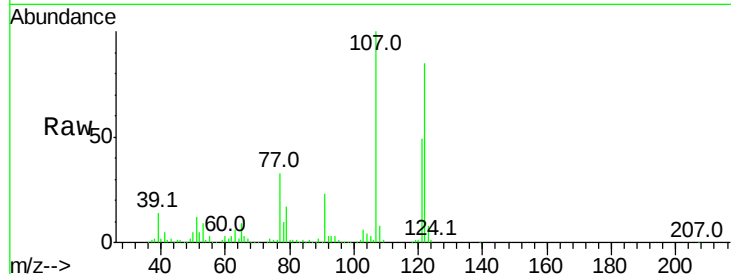
#27
 2,4-Dimethylphenol
 Concen: 38.51 ng
 RT: 7.73 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF091628.D
 Acq: 15 Dec 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	676976		
107	117.4	96.8	145.2	
121	57.3	47.7	71.5	

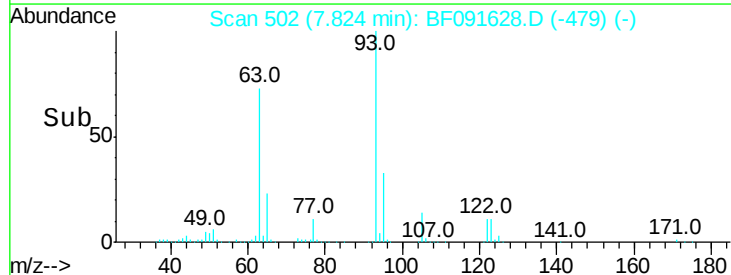
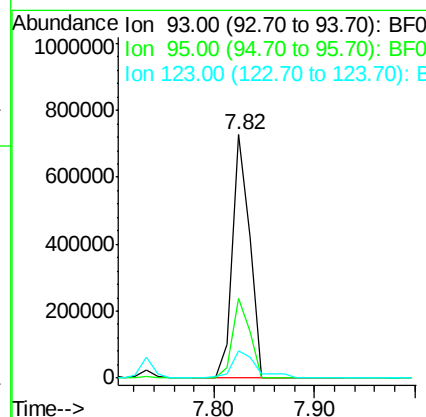
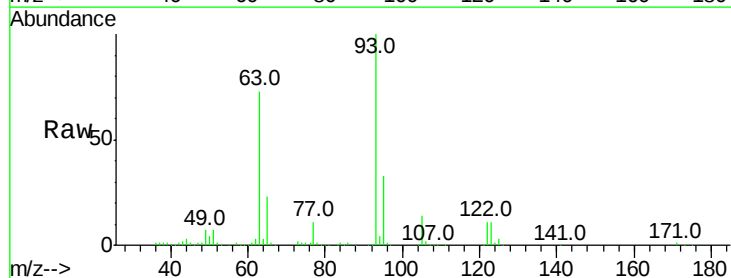
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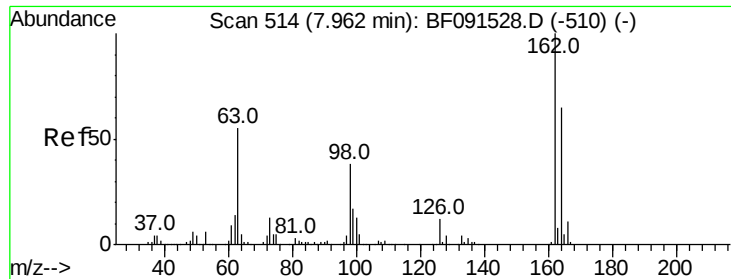
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.56 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.03 min
 Lab File: BF091628.D
 Acq: 15 Dec 2016 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	862977		
95	32.5	26.0	39.0	
123	11.0	8.6	12.8	





#29

2,4-Dichlorophenol

Concen: 43.40 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA_F

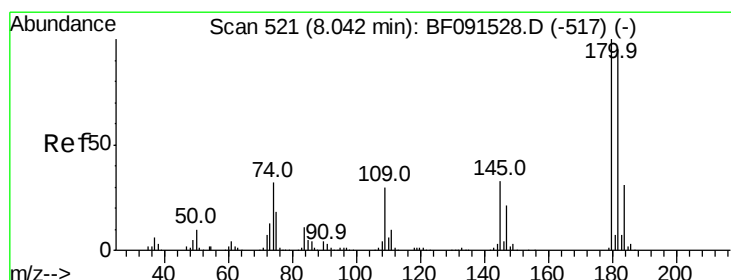
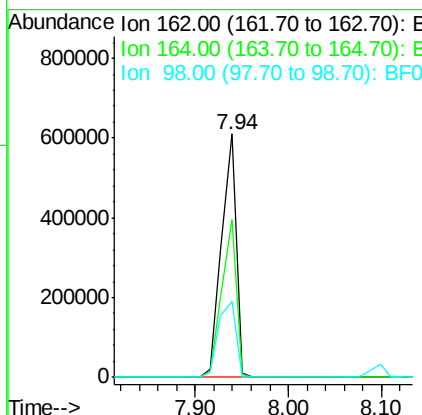
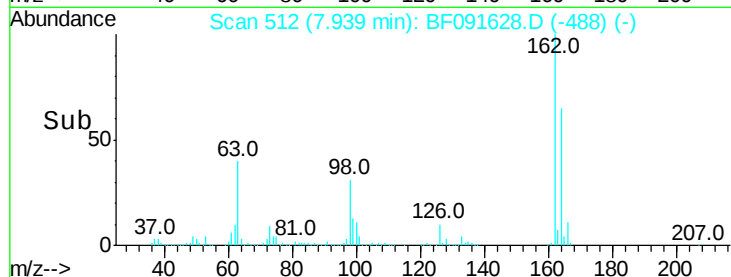
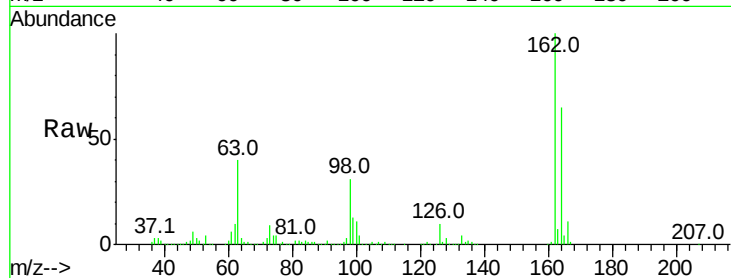
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	663726
Ion Ratio	Lower	Upper	
162	100		
164	64.7	45.0	85.0
98	31.4	21.3	61.3

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#30

1,2,4-Trichlorobenzene

Concen: 41.22 ng

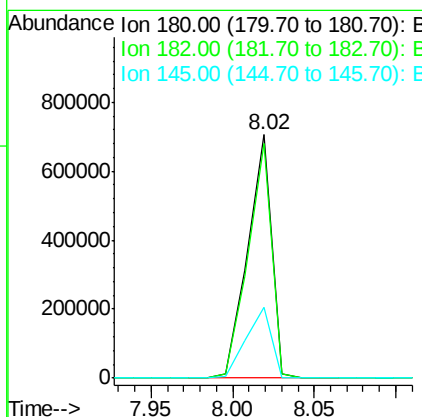
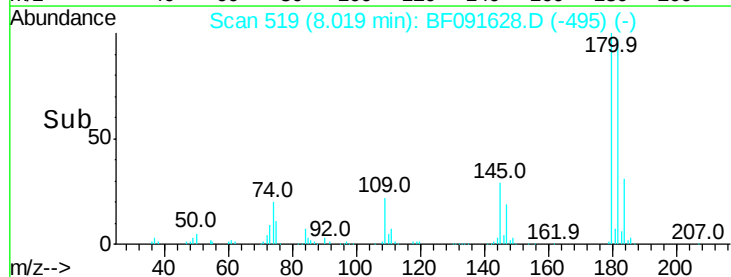
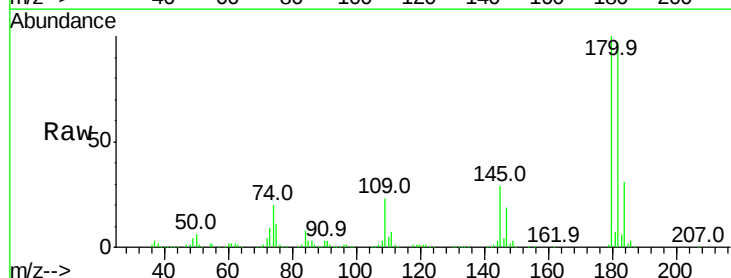
RT: 8.02 min Scan# 519

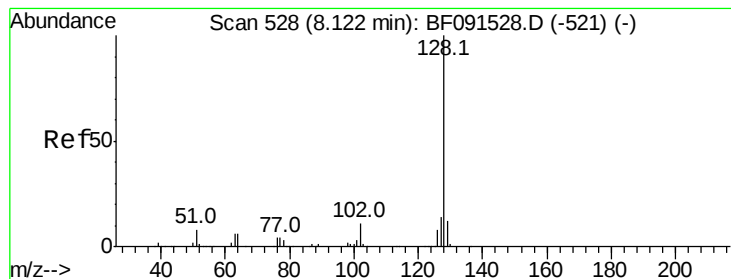
Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Tgt Ion:	180	Resp:	716391
Ion Ratio	Lower	Upper	
180	100		
182	96.6	75.8	113.8
145	29.1	27.0	40.4





#31

Naphthalene

Concen: 42.23 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2353740

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

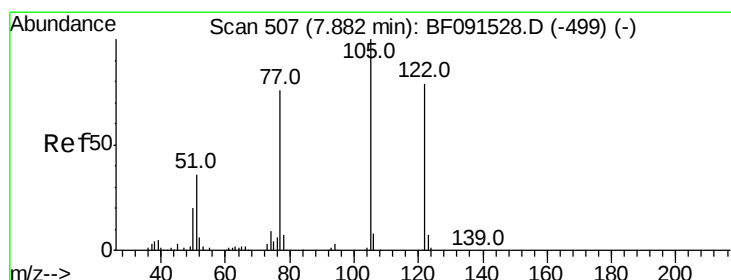
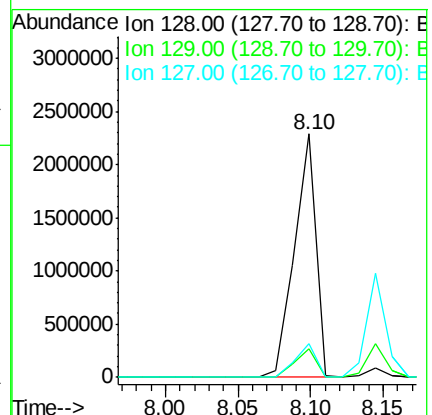
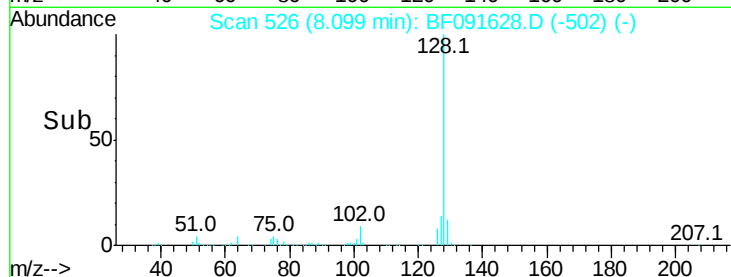
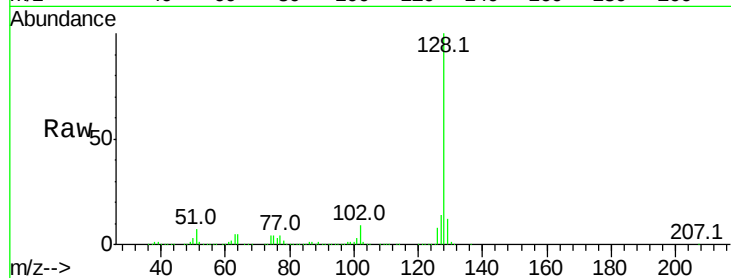
127 13.7 11.0 16.4

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#32

Benzoic acid

Concen: 47.46 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

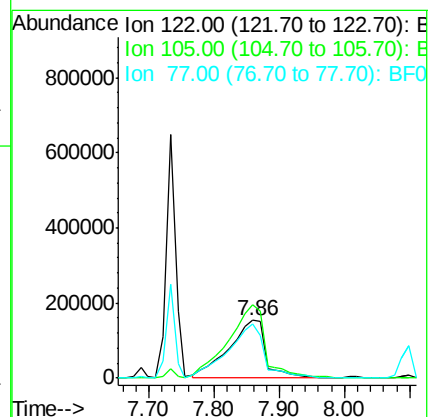
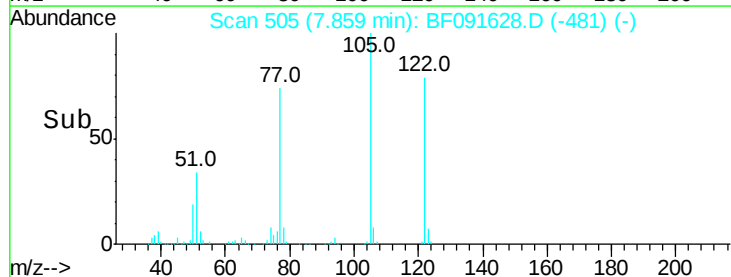
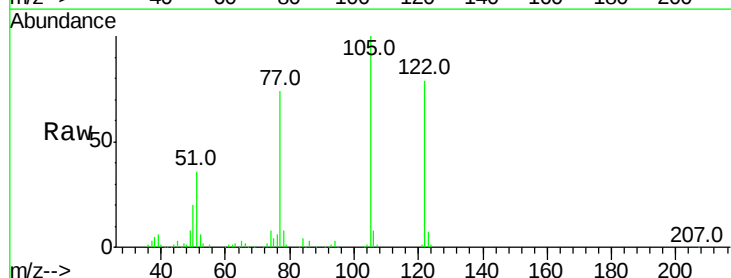
Tgt Ion:122 Resp: 597923

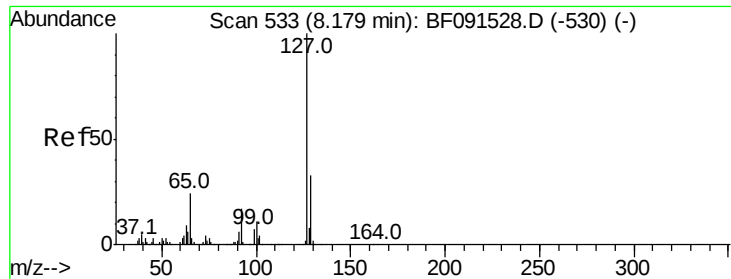
Ion Ratio Lower Upper

122 100

105 126.3 113.0 153.0

77 94.0 82.0 122.0





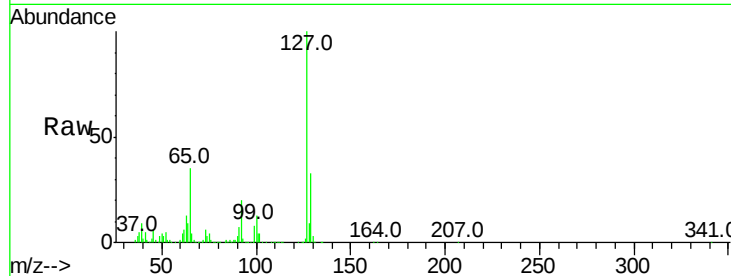
#33
4-Chloroaniline
Concen: 38.09 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

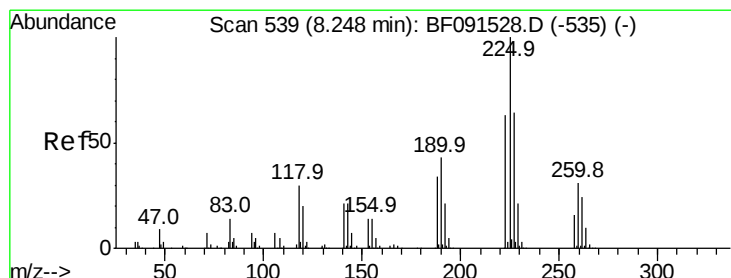
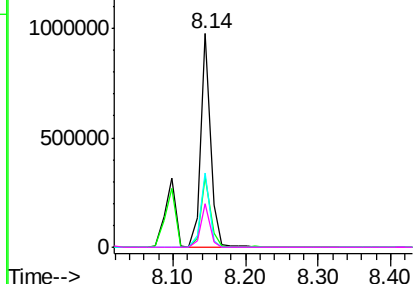
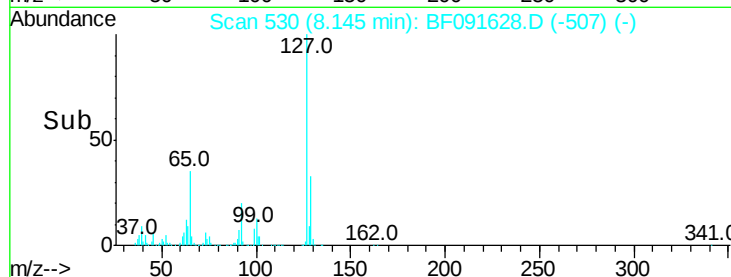
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.2	39.4		
65	34.8	26.6	39.8		
92	20.5	15.4	23.0		

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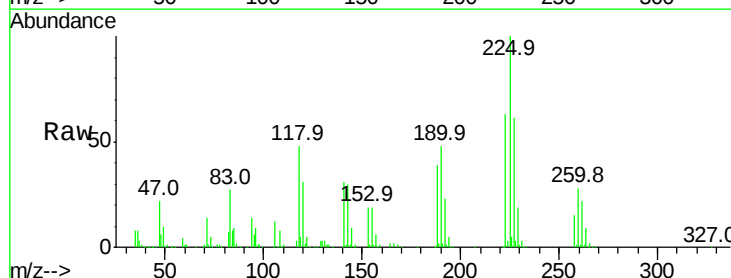


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

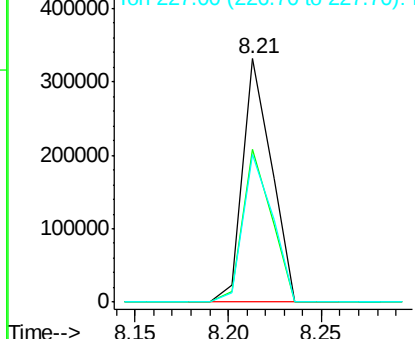
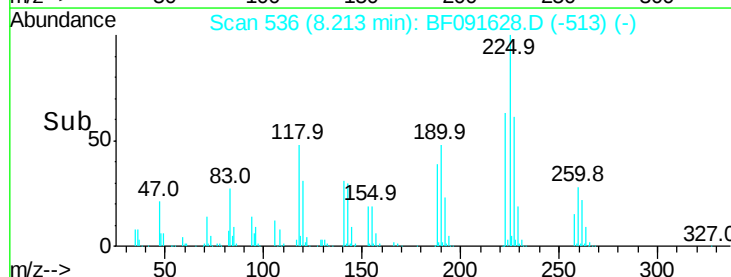


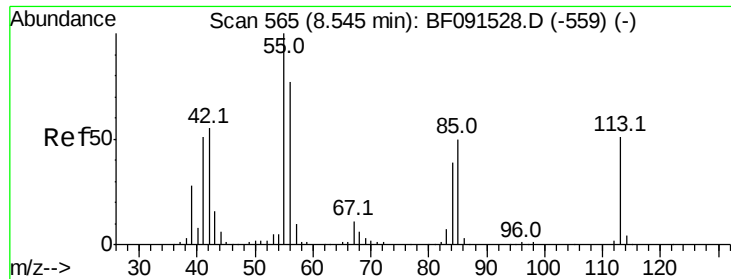
#34
Hexachlorobutadiene
Concen: 36.03 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.03 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	49.8	74.6		
227	60.6	52.6	79.0		



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





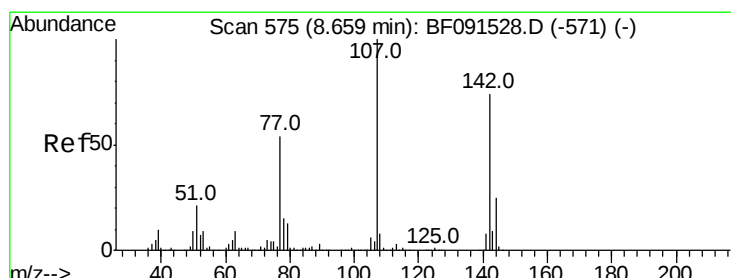
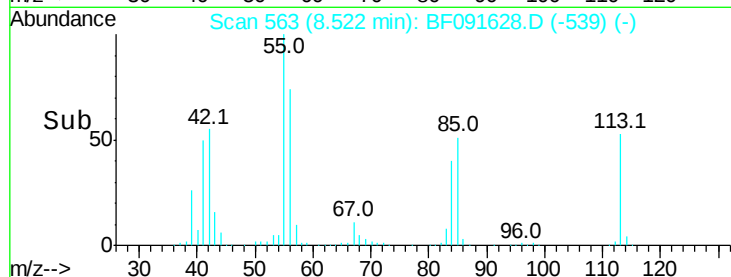
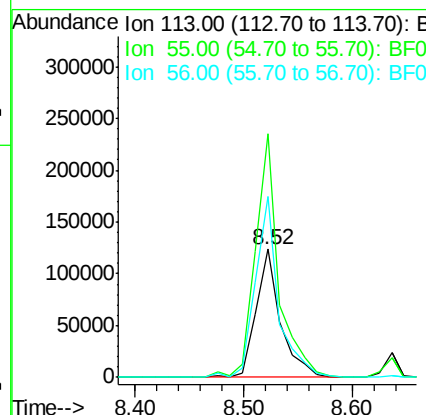
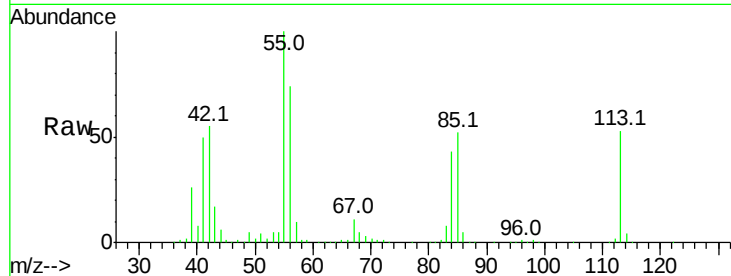
#35
 Caprolactam
 Concen: 43.46 ng
 RT: 8.52 min Scan# 563
 Delta R.T. -0.02 min
 Lab File: BF091628.D
 Acq: 15 Dec 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	190.3	239.8	279.8#
56	140.9	165.6	205.6#

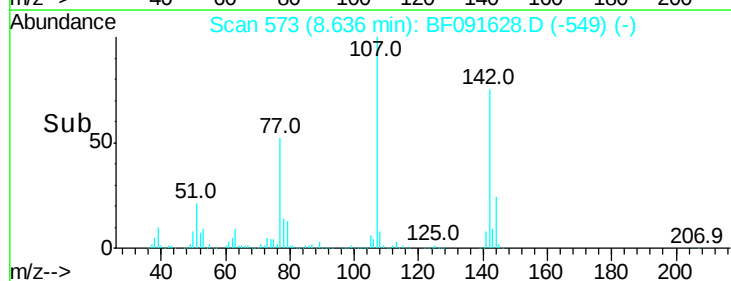
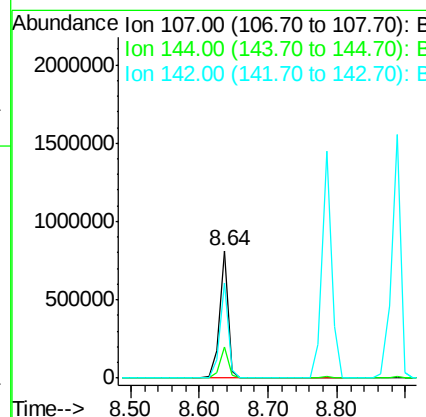
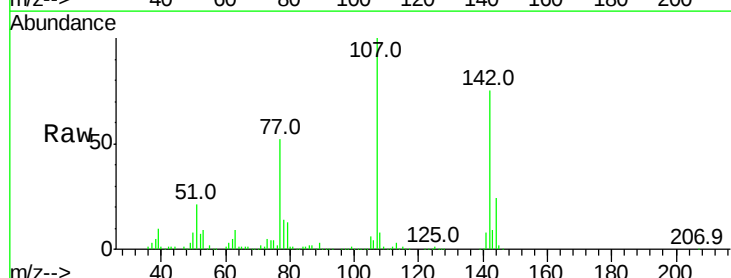
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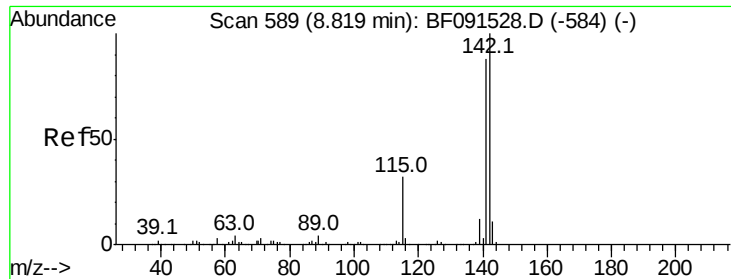
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#36
 4-Chloro-3-methylphenol
 Concen: 41.88 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.02 min
 Lab File: BF091628.D
 Acq: 15 Dec 2016 15:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	18.9	28.3
142	74.6	58.5	87.7





#37

2-Methylnaphthalene

Concen: 38.04 ng

RT: 8.78 min Scan# 586

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:142 Resp: 1372304

Ion Ratio Lower Upper

142 100

141 88.1 71.7 107.5

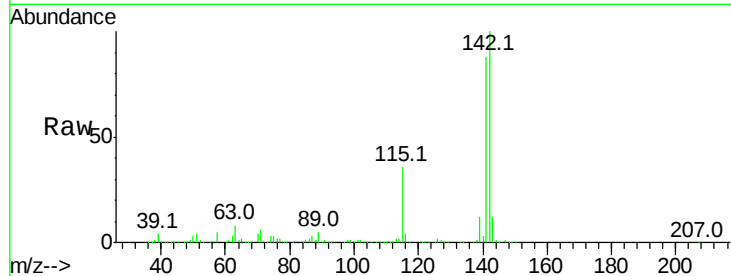
115 36.0 25.0 37.6

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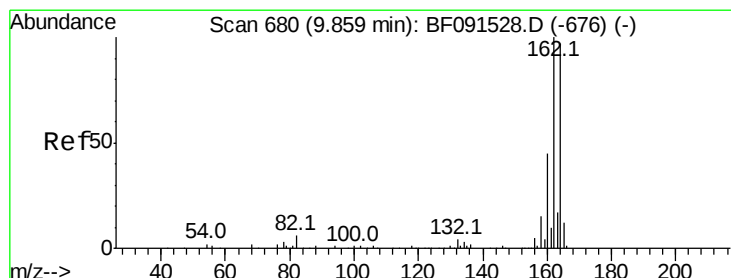
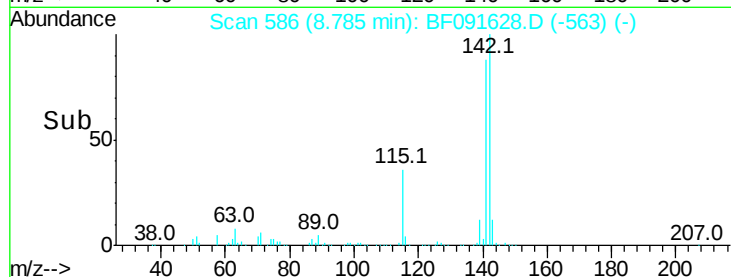
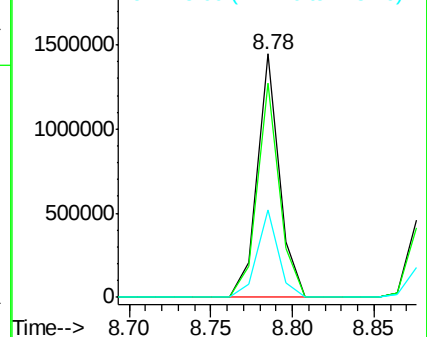
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

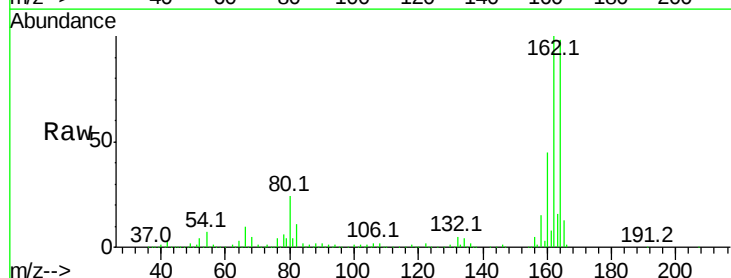
Tgt Ion:164 Resp: 591420

Ion Ratio Lower Upper

164 100

162 101.9 82.6 124.0

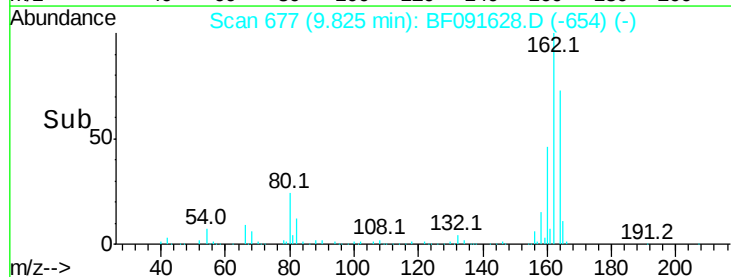
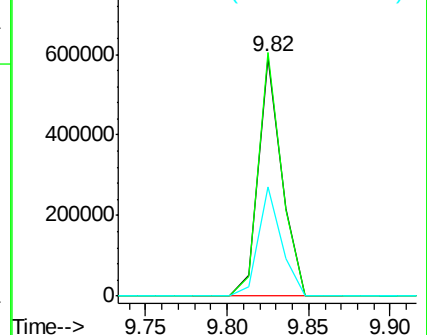
160 45.9 36.7 55.1

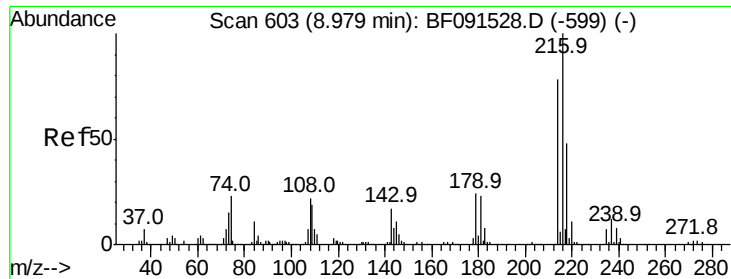


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





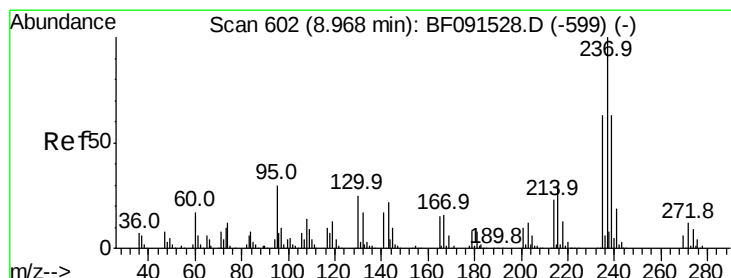
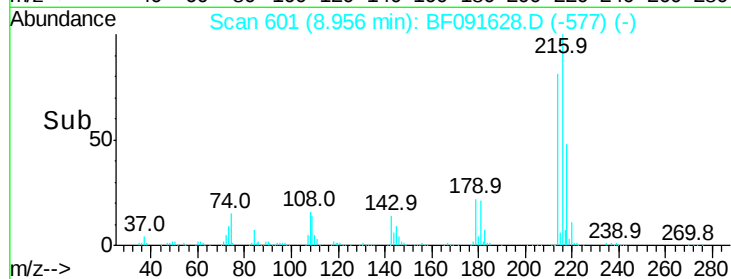
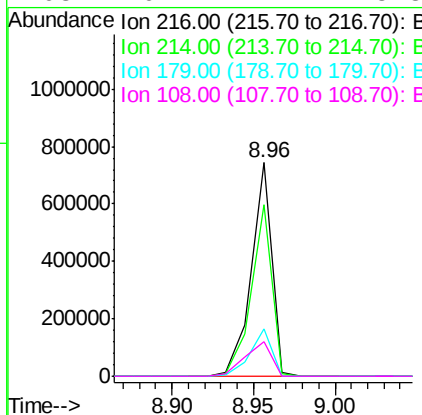
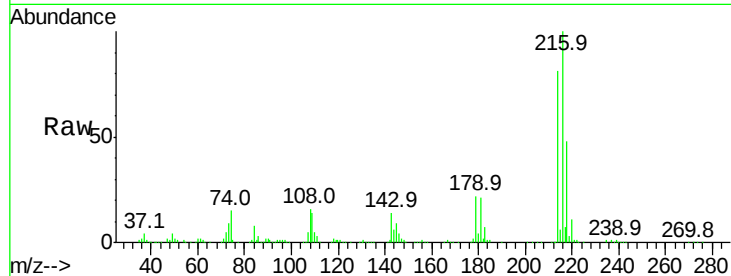
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.14 ng
RT: 8.96 min Scan# 601
Delta R.T. -0.02 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	216	Resp:	651192
Ion Ratio	Lower	Upper	
216	100		
214	80.6	63.8	95.8
179	23.0	18.2	27.2
108	20.7	17.2	25.8

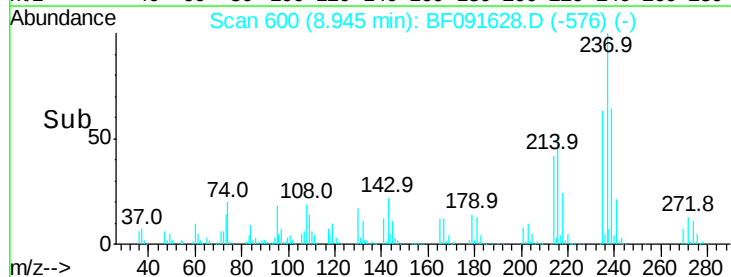
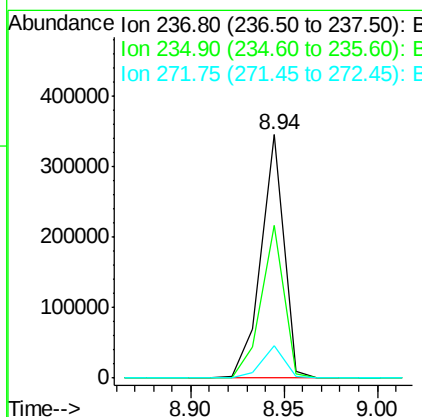
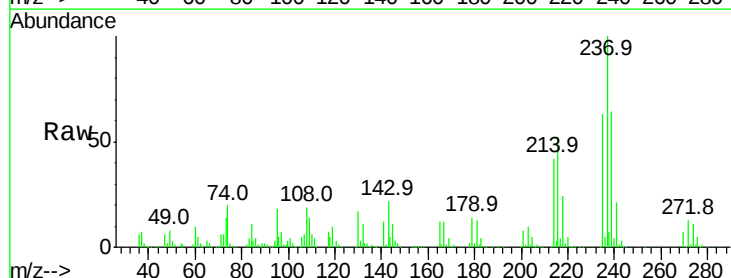
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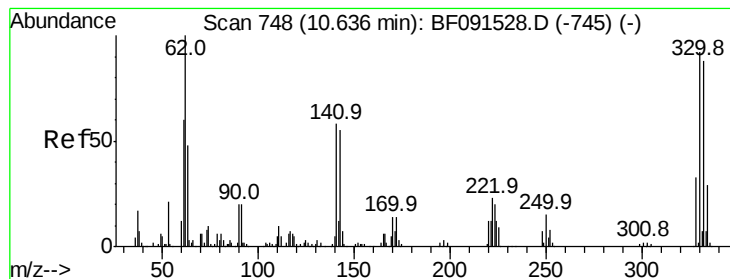
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#40
Hexachlorocyclopentadiene
Concen: 40.53 ng
RT: 8.94 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Tgt Ion:	237	Resp:	293133
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.9	83.9
272	13.2	0.0	33.1





#41

2,4,6-Tribromophenol

Concen: 78.59 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA_F

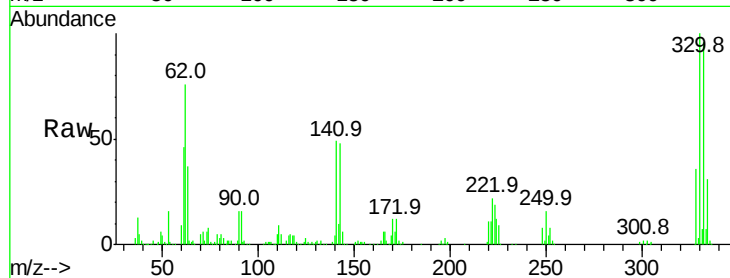
ClientSampleId :

SSTDCCC040

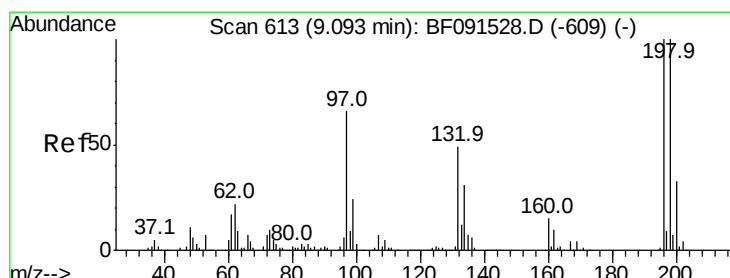
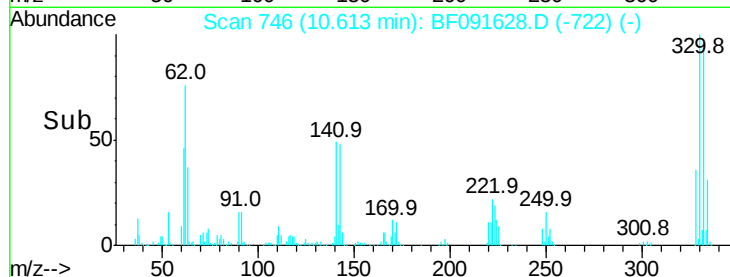
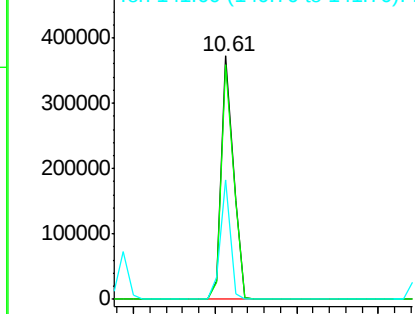
Tot Ion:	330	Resp:	386075
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.2	114.4
141	40.5	33.6	50.4

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 44.19 ng m

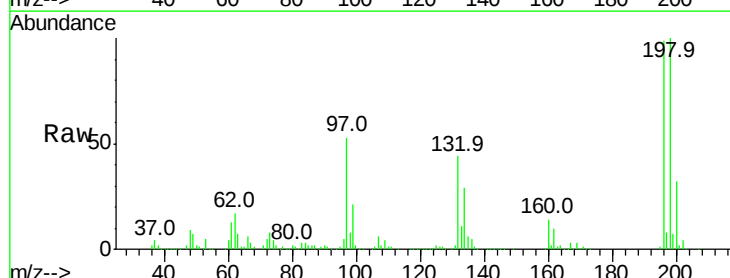
RT: 9.07 min Scan# 611

Delta R.T. -0.02 min

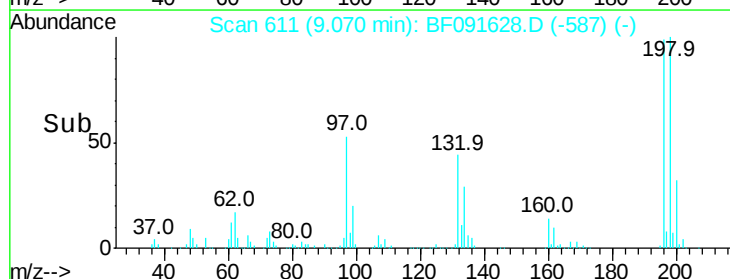
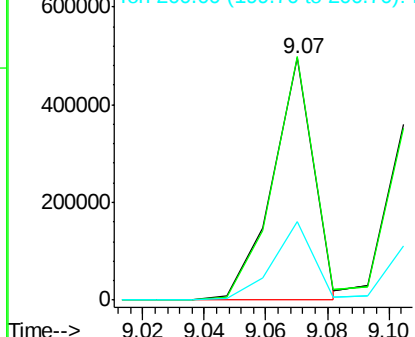
Lab File: BF091628.D

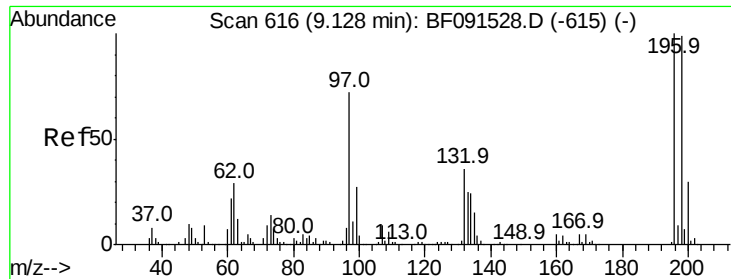
Acq: 15 Dec 2016 15:09

Tgt Ion:	196	Resp:	460603
Ion Ratio	Lower	Upper	
196	100		
198	100.5	77.4	116.0
200	32.3	25.2	37.8



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





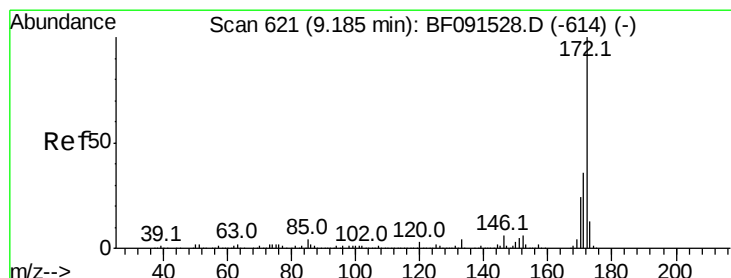
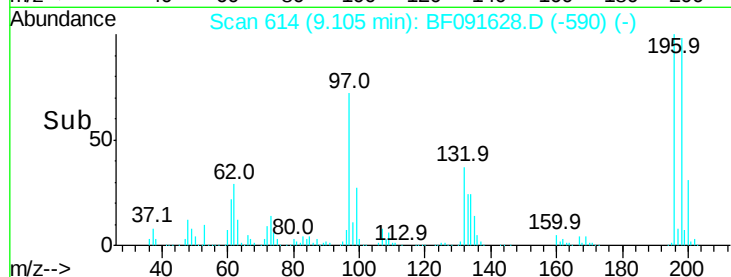
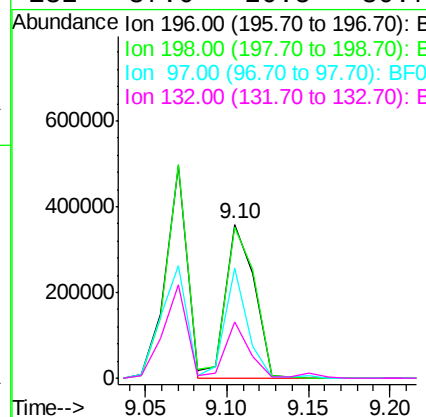
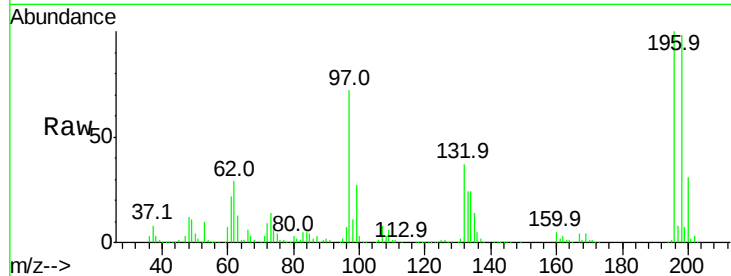
#43
2,4,5-Trichlorophenol
Concen: 41.12 ng/ml
RT: 9.10 min Scan# 614
Delta R.T. -0.02 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	440372		
198	98.1	77.0	115.6	
97	71.9	33.5	50.3	
132	37.0	20.5	30.7	

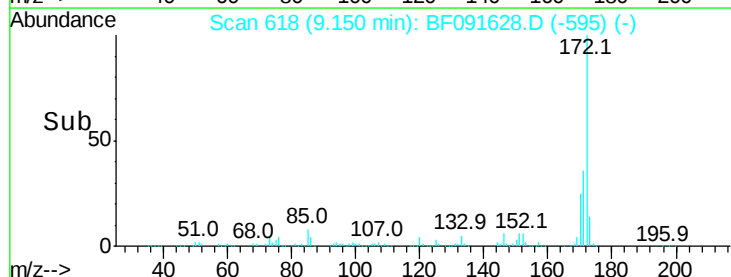
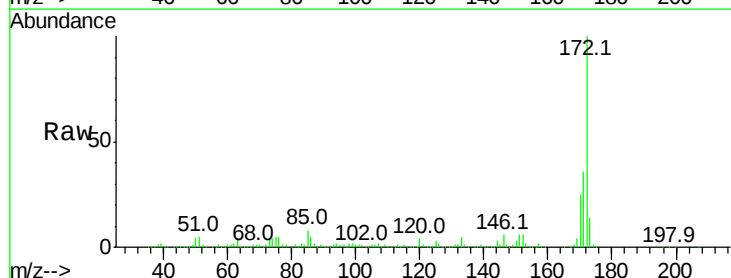
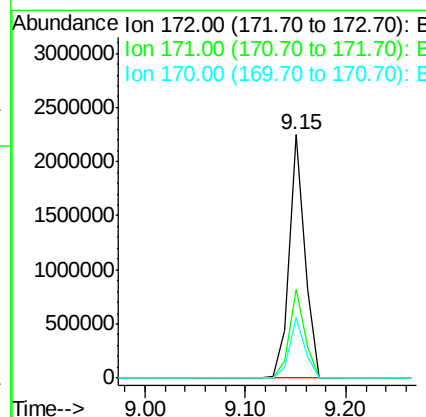
Manual Integrations
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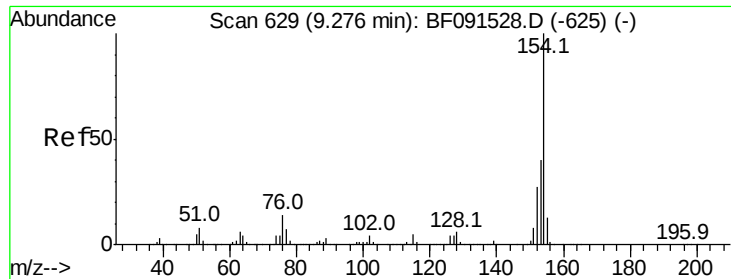
UMANGI
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#44
2-Fluorobiphenyl
Concen: 70.74 ng/ml
RT: 9.15 min Scan# 618
Delta R.T. -0.03 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2421333		
171	36.5	29.4	44.0	
170	25.0	19.7	29.5	





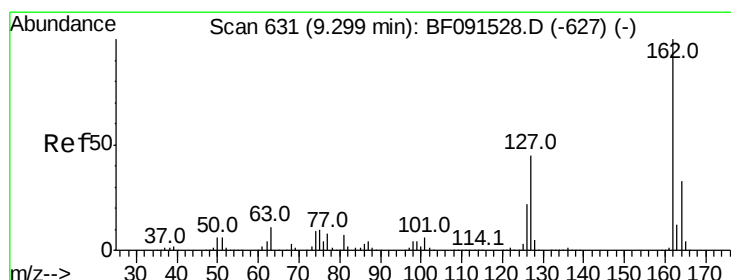
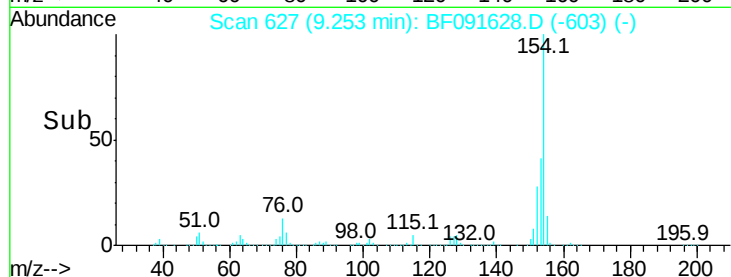
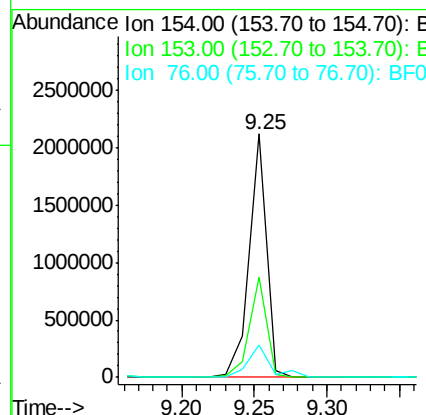
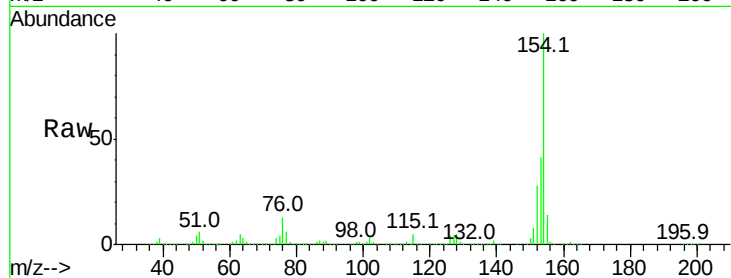
#45
 1,1'-Biphenyl
 Concen: 41.21 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF091628.D
 Acq: 15 Dec 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.6	60.6
76	13.1	0.0	36.6

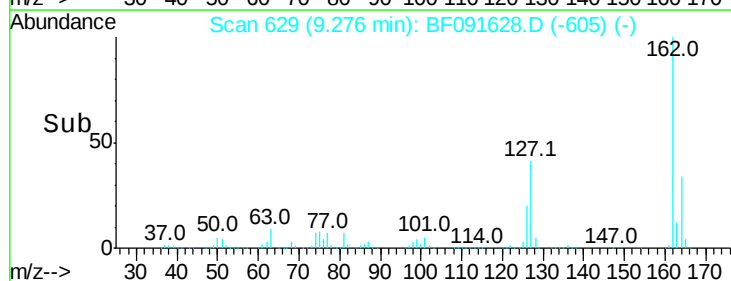
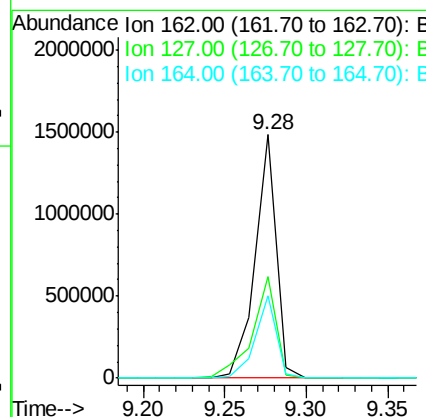
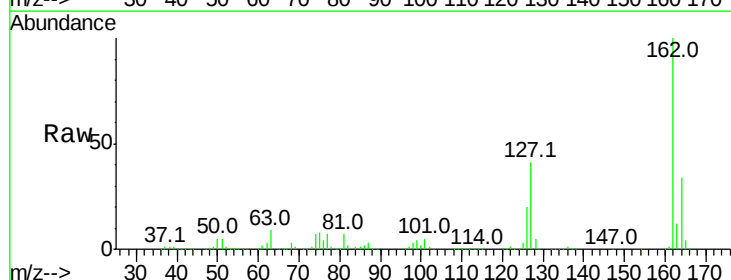
Manual Integrations
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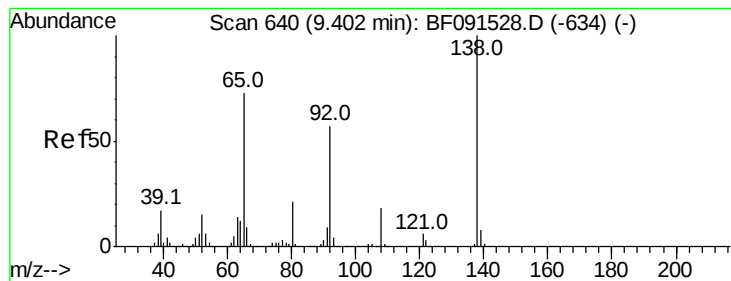
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#46
 2-Chloronaphthalene
 Concen: 40.33 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.02 min
 Lab File: BF091628.D
 Acq: 15 Dec 2016 15:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	34.3	51.5
164	33.9	26.6	40.0





#47

2-Nitroaniline

Concen: 39.77 ng

RT: 9.37 min Scan# 637

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 65 Resp: 443672

Ion Ratio Lower Upper

65 100

92 67.3 53.6 80.4

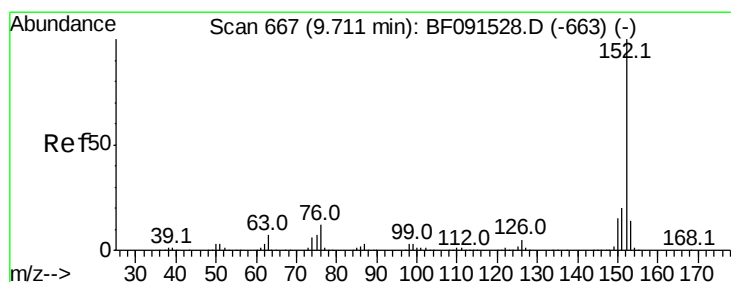
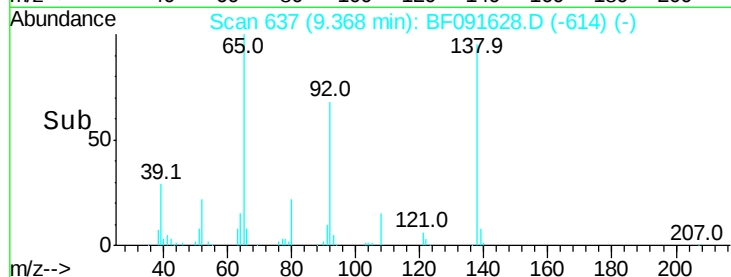
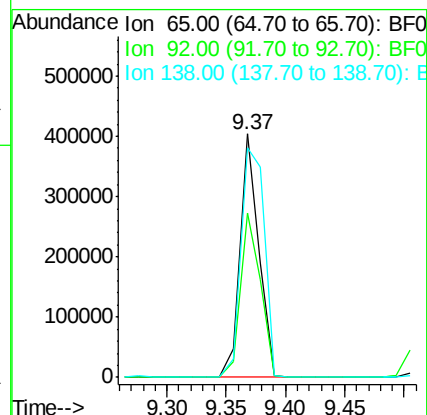
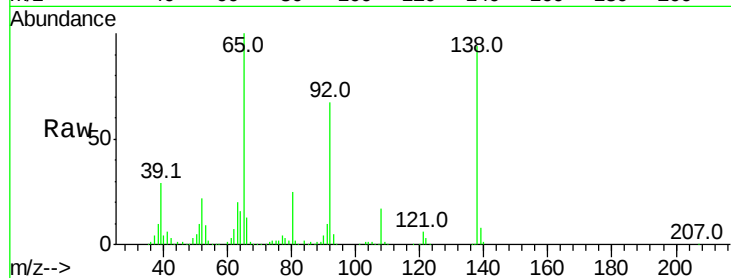
138 94.4 91.0 136.6

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#48

Acenaphthylene

Concen: 38.96 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

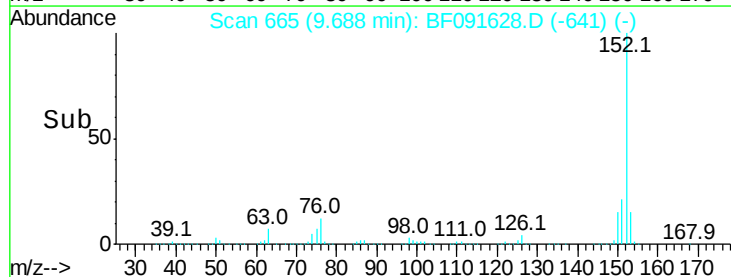
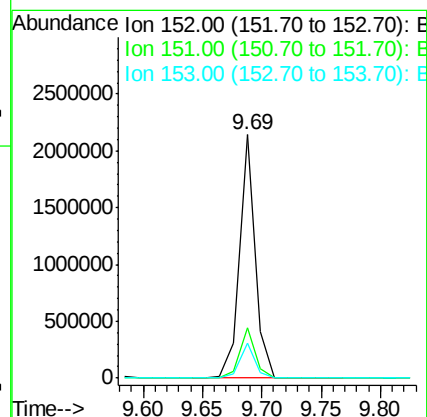
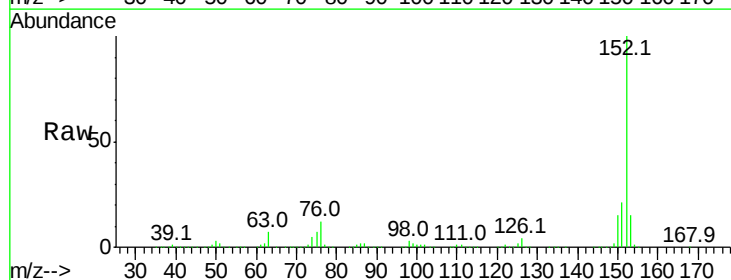
Tgt Ion: 152 Resp: 1970016

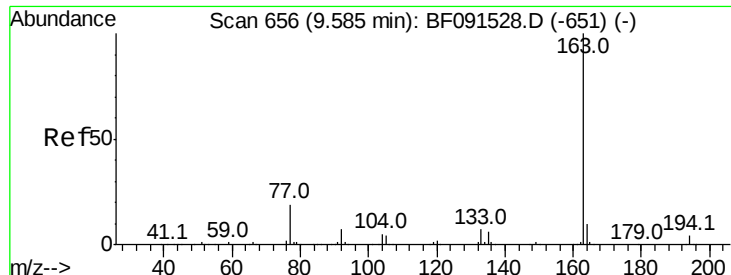
Ion Ratio Lower Upper

152 100

151 20.9 16.6 24.8

153 14.6 10.7 16.1





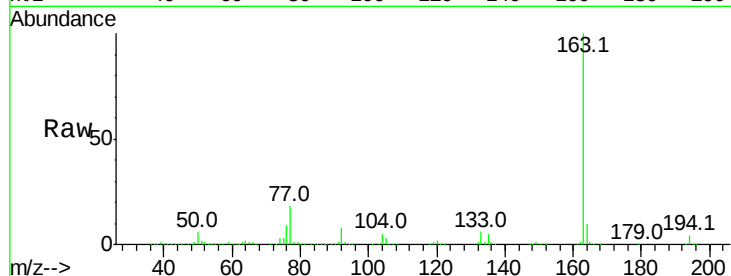
#49
Dimethylphthalate
Concen: 43.62 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

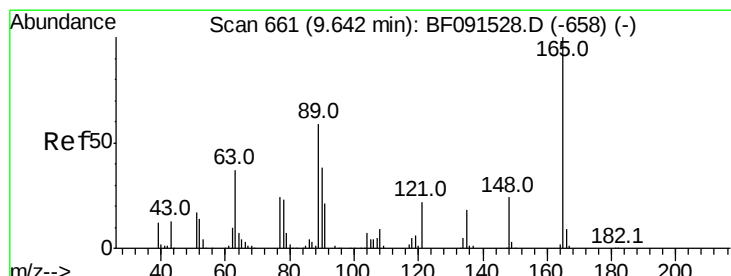
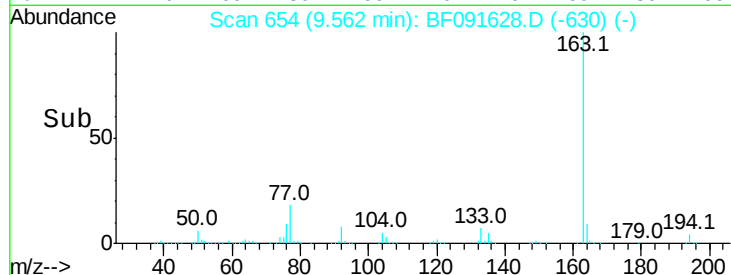
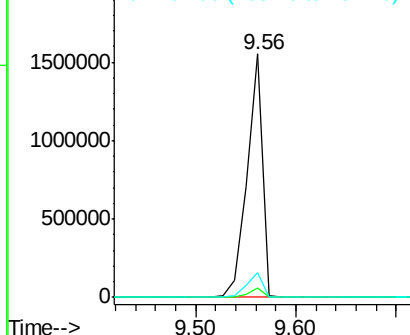
Tot Ion:163 Resp: 1633555
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.2 7.8 11.8

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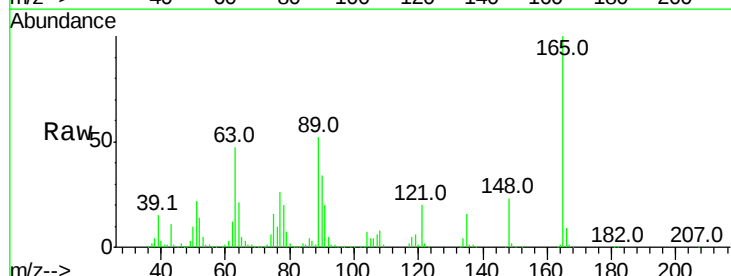


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

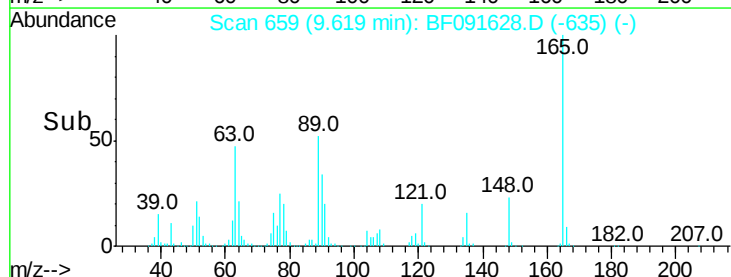
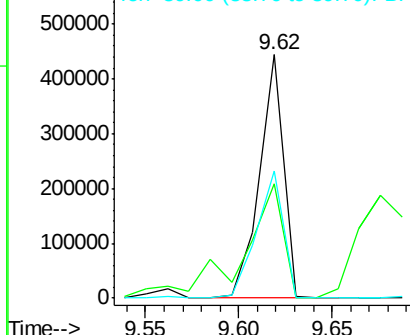


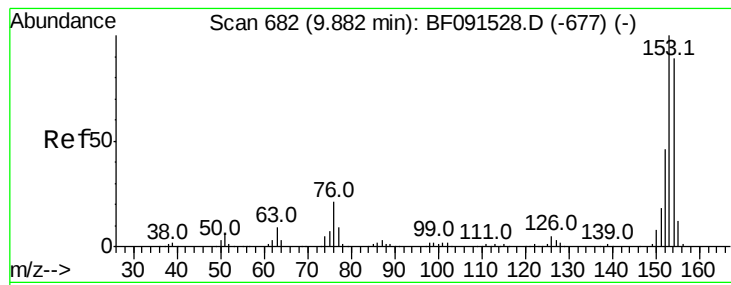
#50
2,6-Dinitrotoluene
Concen: 47.95 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Tgt Ion:165 Resp: 394142
Ion Ratio Lower Upper
165 100
63 46.8 59.4 89.0#
89 52.2 50.8 76.2



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





#51

Acenaphthene

Concen: 37.76 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1326208

Ion Ratio Lower Upper

154 100

153 111.2 91.0 136.6

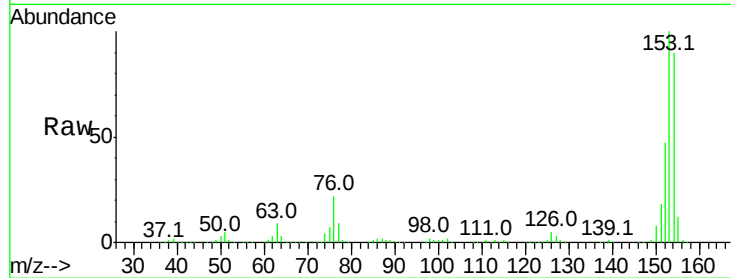
152 52.1 44.2 66.2

Manual Integrations

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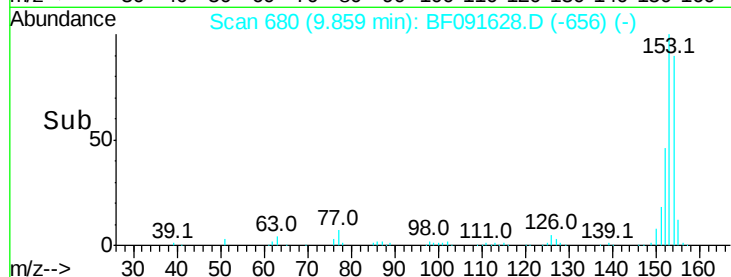
12/16/2016 6:23:21 PM



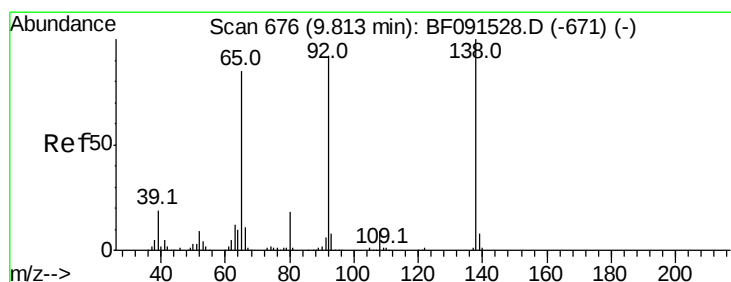
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#52

3-Nitroaniline

Concen: 48.26 ng m

RT: 9.79 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

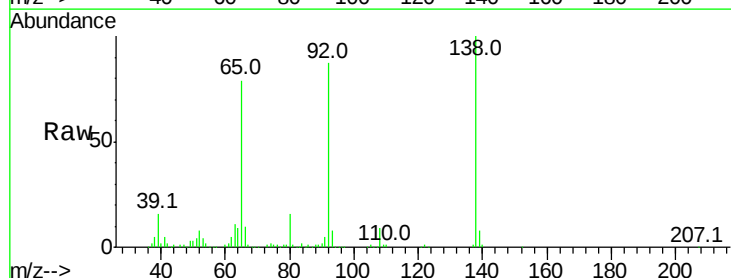
Tgt Ion:138 Resp: 465943

Ion Ratio Lower Upper

138 100

108 8.6 8.1 12.1

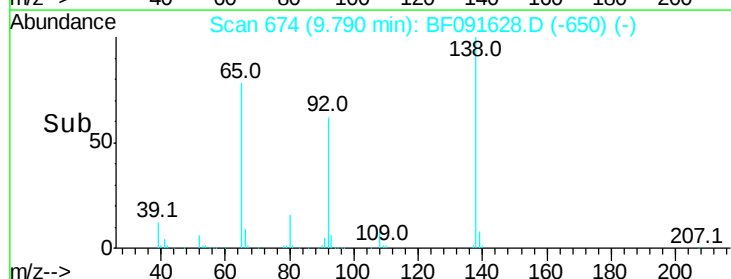
92 86.6 92.5 138.7#



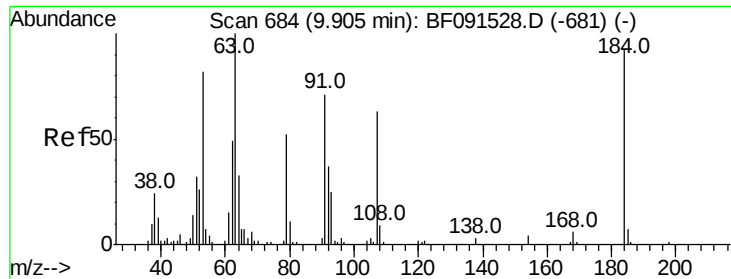
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



Time-->



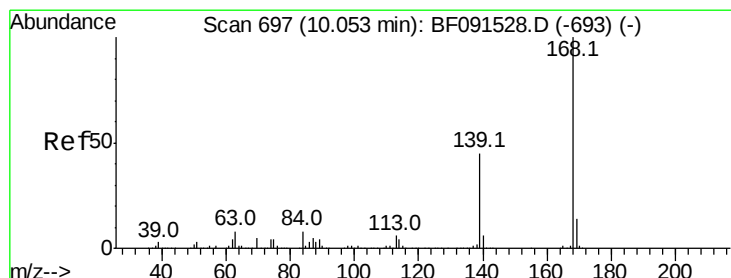
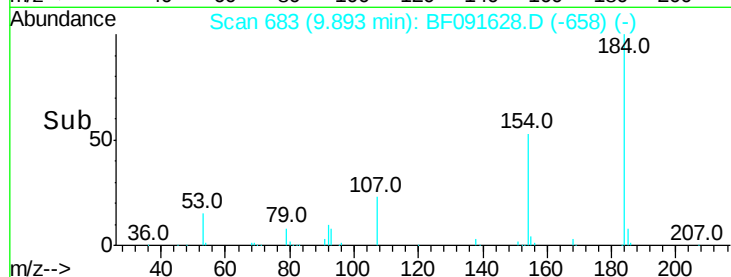
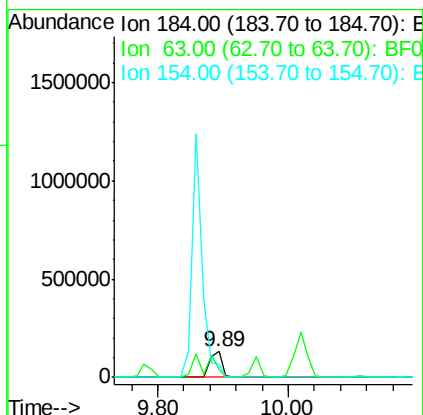
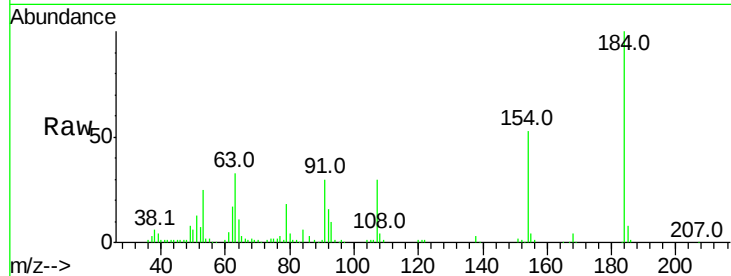
#53
2,4-Dinitrophenol
Concen: 46.15 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	33.1	58.3	87.5#
154	53.4	48.6	73.0

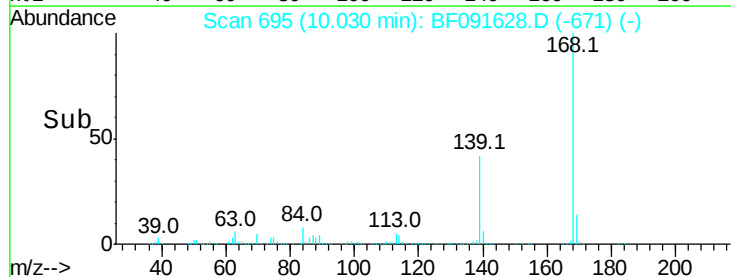
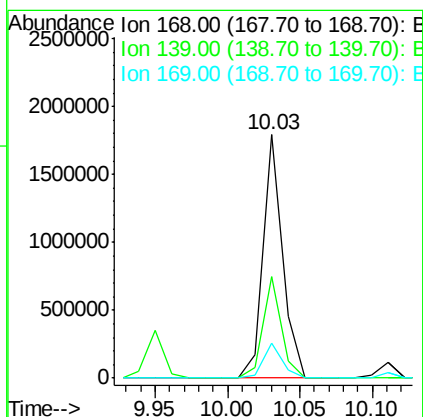
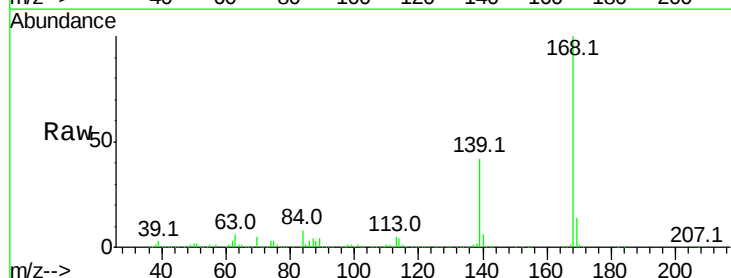
Manual Integrations
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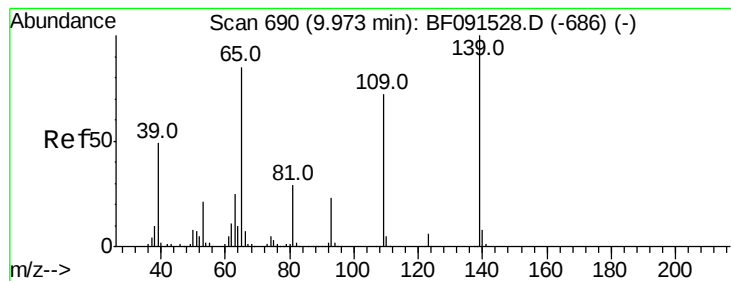
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#54
Dibenzofuran
Concen: 38.37 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.7	33.4	50.2
169	14.3	11.1	16.7





#55

4-Nitrophenol

Concen: 42.67 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA_F

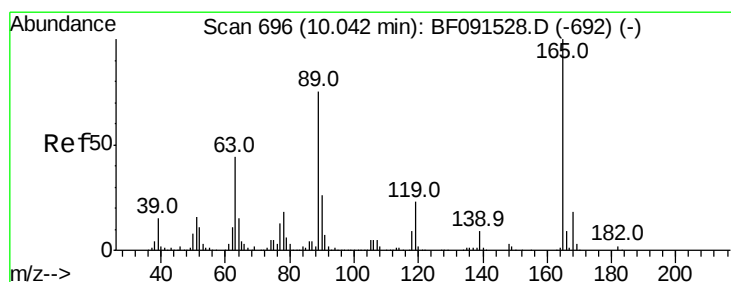
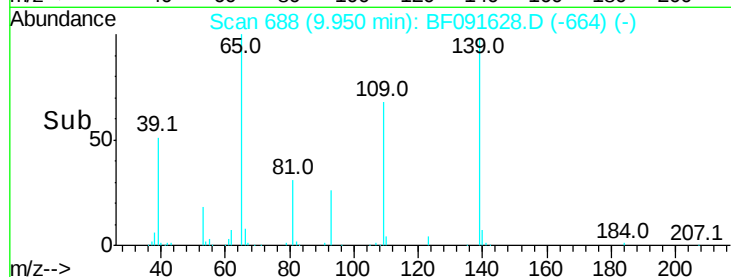
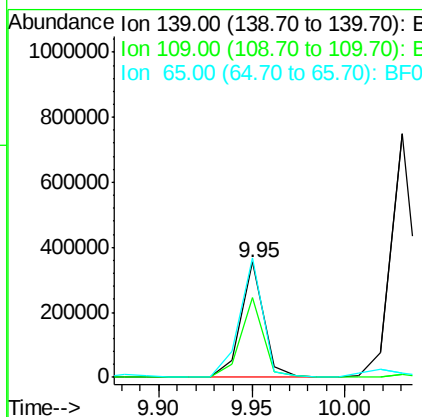
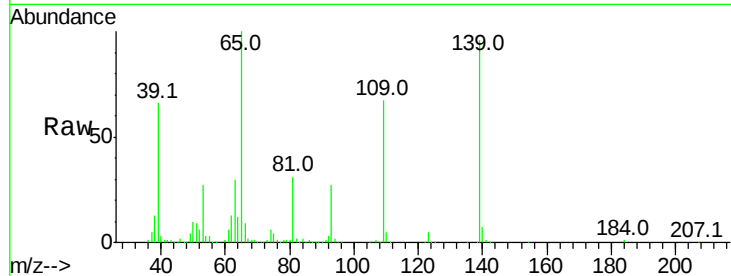
ClientSampleId :

SSTDCCC040

Tot Ion:	139	Resp:	306494
Ion Ratio	Lower	Upper	
139	100		
109	69.4	54.9	94.9
65	103.7	102.2	142.2

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#56

2,4-Dinitrotoluene

Concen: 47.92 ng

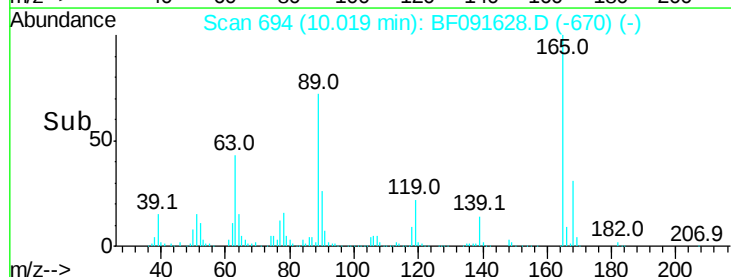
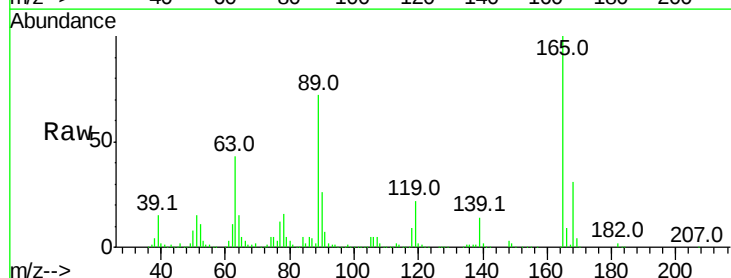
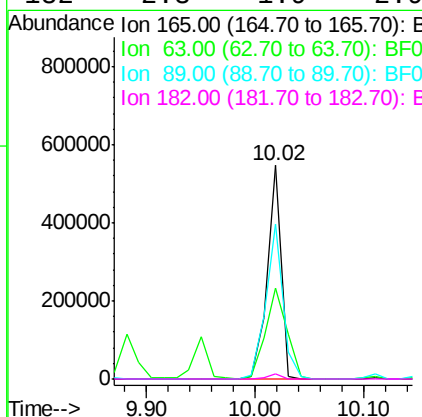
RT: 10.02 min Scan# 694

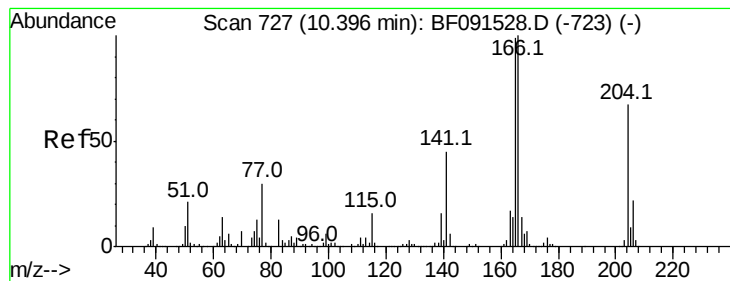
Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Tgt Ion:	165	Resp:	493697
Ion Ratio	Lower	Upper	
165	100		
63	42.6	29.0	43.4
89	72.3	43.1	64.7#
182	2.3	1.9	2.9





#57

Fluorene

Concen: 40.35 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1268906

Ion Ratio Lower Upper

166 100

165 99.3 80.0 120.0

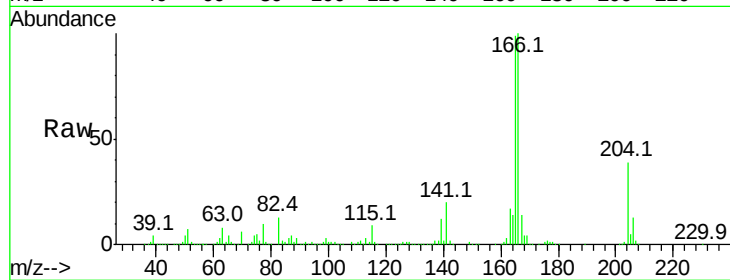
167 13.8 10.8 16.2

Manual Integrations

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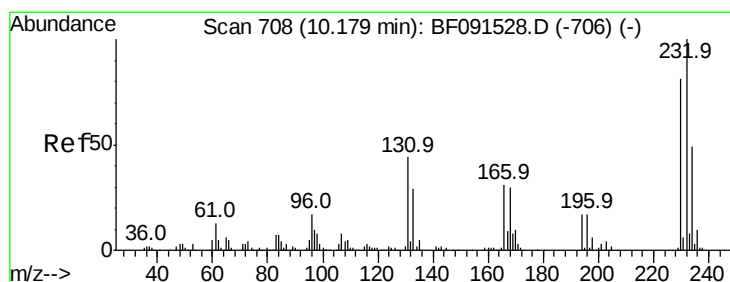
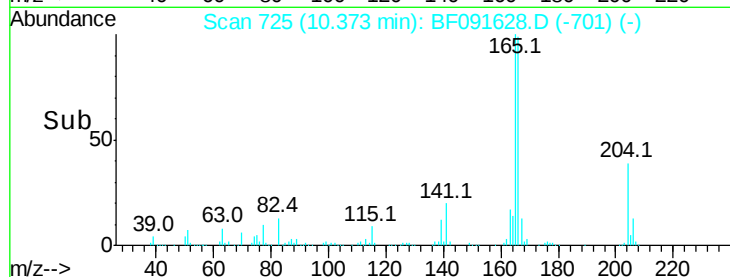
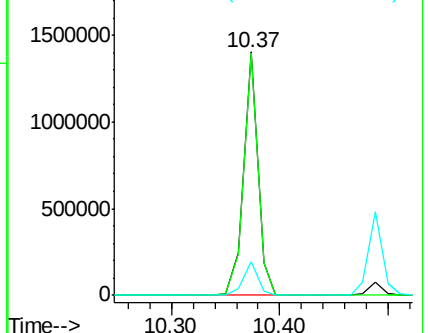
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.20 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Tgt Ion:232 Resp: 387393

Ion Ratio Lower Upper

232 100

131 47.2 38.4 57.6

130 2.2 1.8 2.8

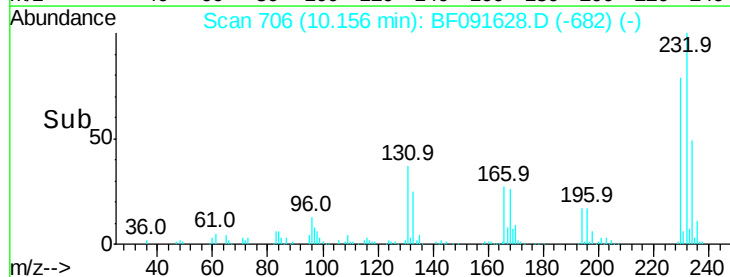
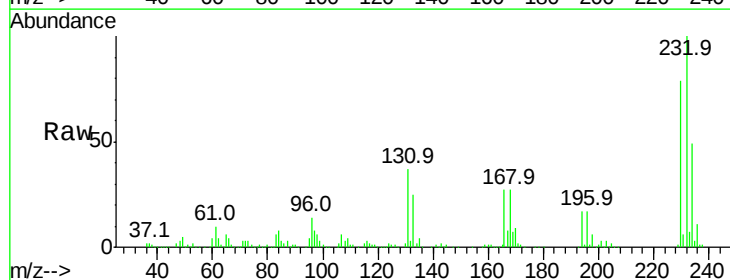
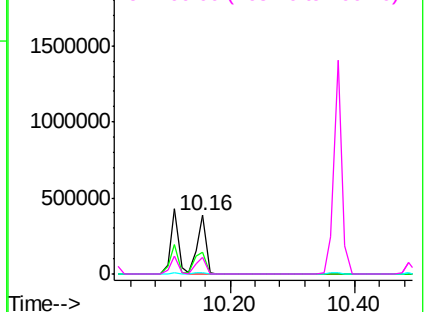
166 31.7 23.9 35.9

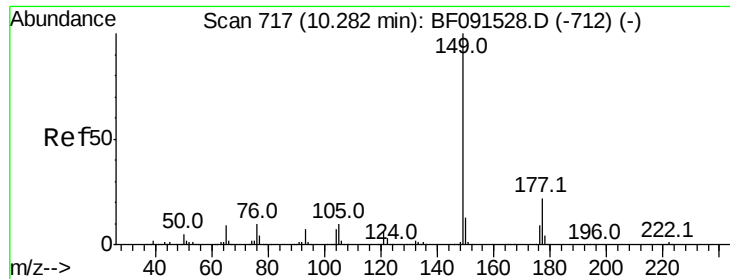
Abundance Ion 232.00 (231.70 to 232.70): E

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





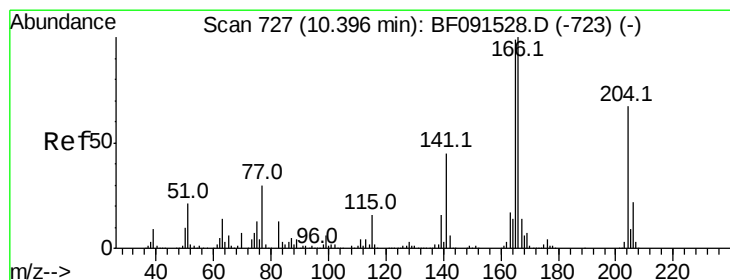
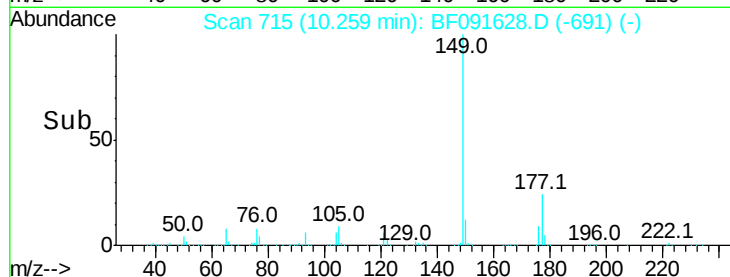
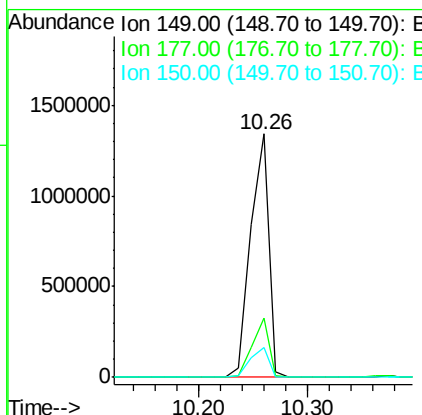
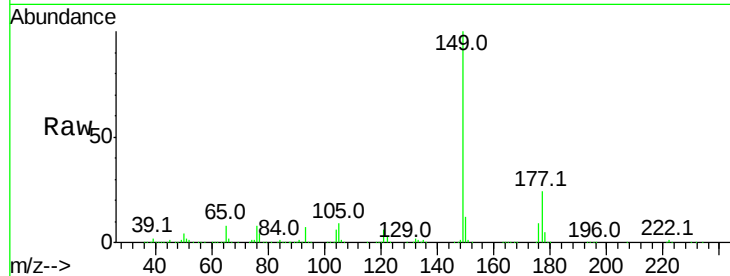
#59
Diethylphthalate
Concen: 43.16 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.02 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1556284
Ion Ratio Lower Upper
149 100
177 24.2 15.7 23.5#
150 12.3 10.2 15.2

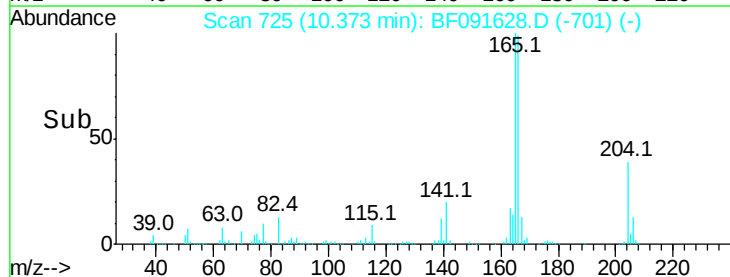
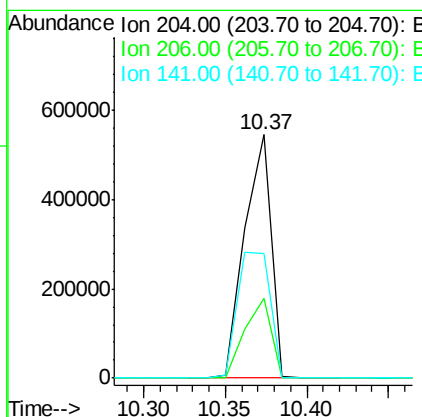
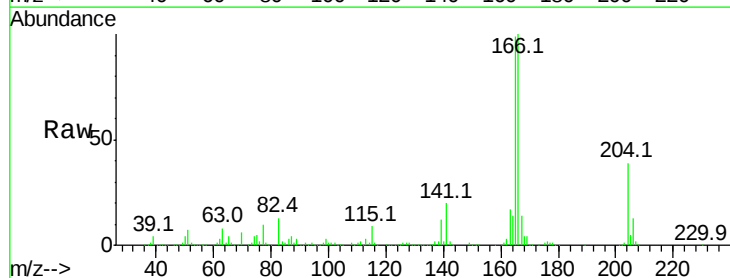
Manual Integrations
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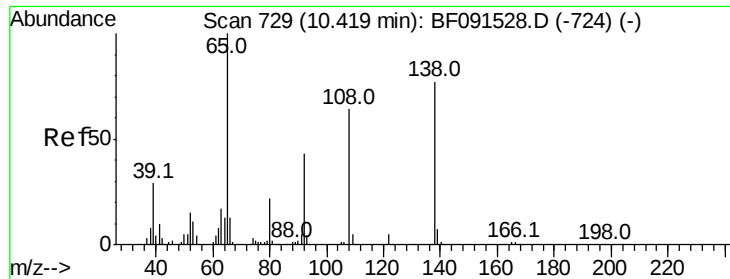
UMANGI
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#60
4-Chlorophenyl-phenylether
Concen: 39.26 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Tgt Ion:204 Resp: 613385
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 50.9 40.6 61.0





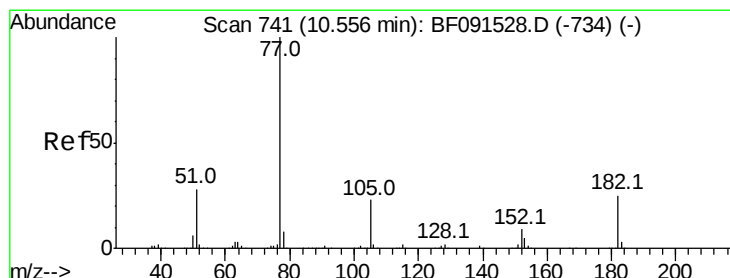
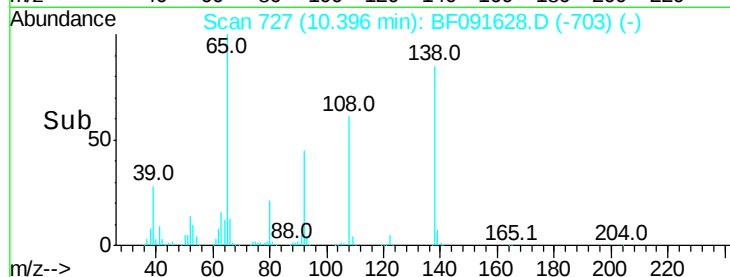
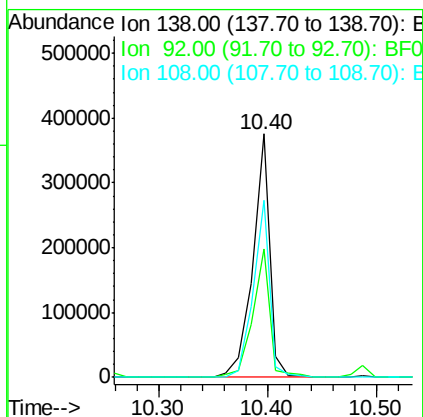
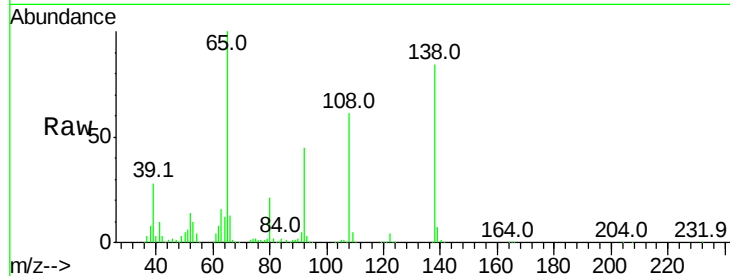
#61
4-Nitroaniline
Concen: 42.74 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.9	26.9	66.9
108	72.7	49.1	89.1

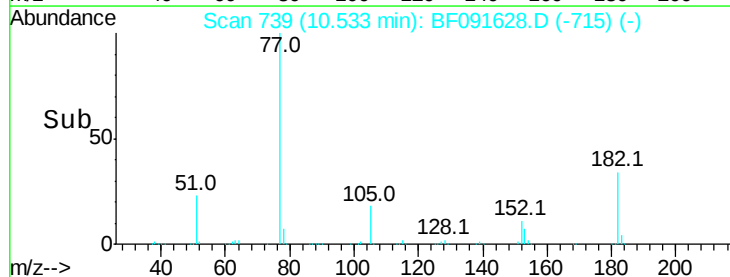
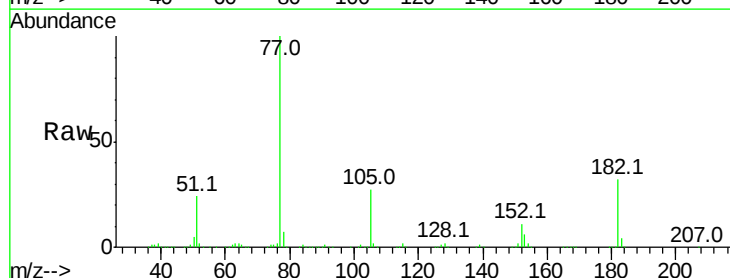
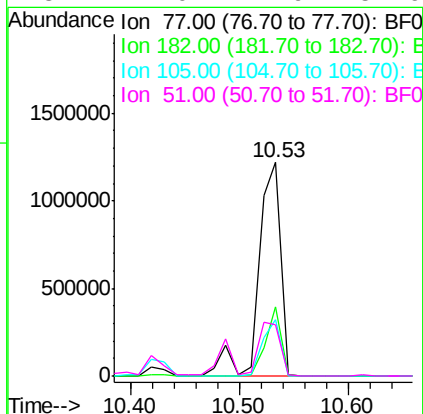
Manual Integrations
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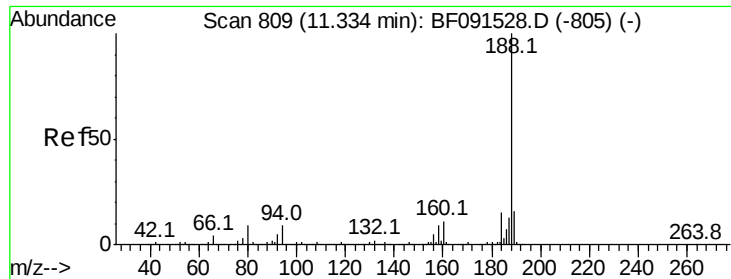
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#62
Azobenzene
Concen: 42.66 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.5	12.5	52.5
105	26.5	3.7	43.7
51	24.0	11.9	51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA_F

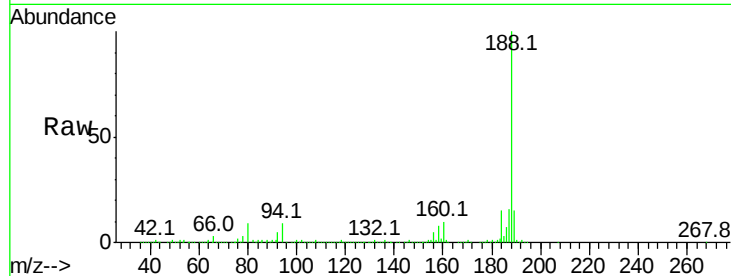
ClientSampleId :

SSTDCCC040

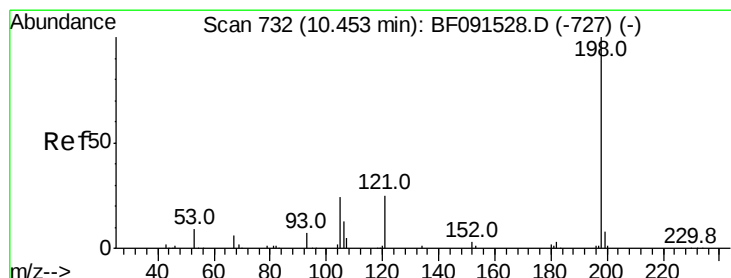
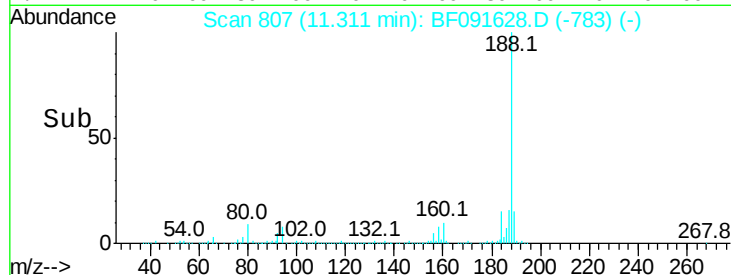
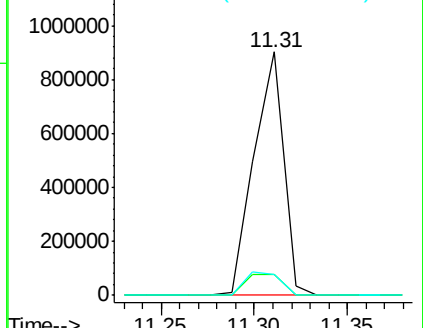
Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.5	9.2	13.8#	
80	8.8	10.5	15.7#	

Manual Integrations
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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 45.05 ng

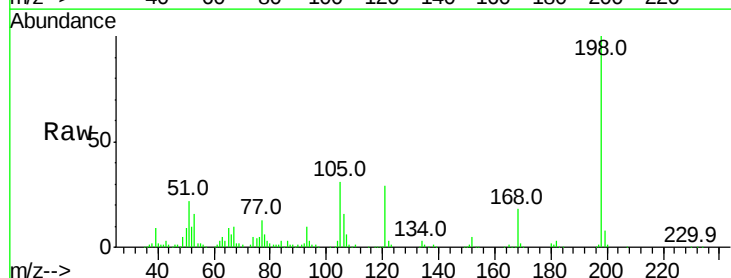
RT: 10.43 min Scan# 730

Delta R.T. -0.02 min

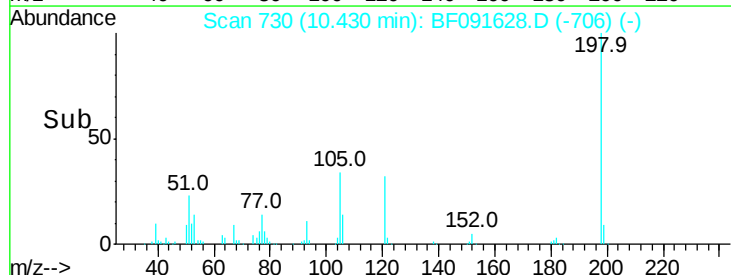
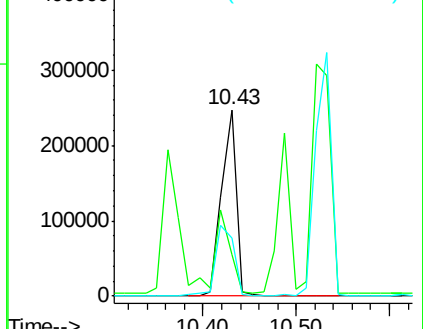
Lab File: BF091628.D

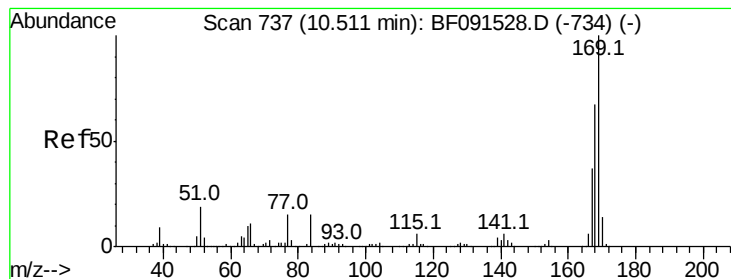
Acq: 15 Dec 2016 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	22.5	77.1	117.1#	
105	31.4	44.8	84.8#	



Abundance Ion 198.00 (197.70 to 198.70): E





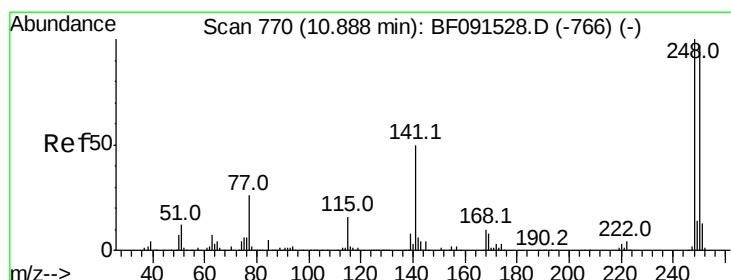
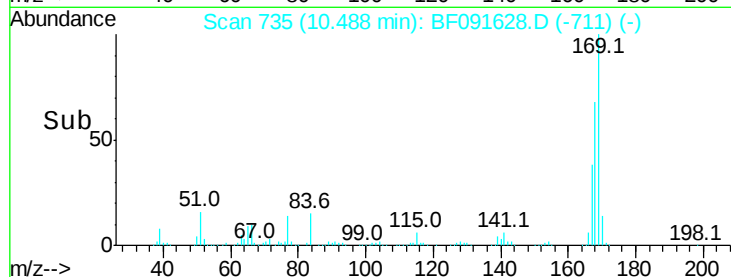
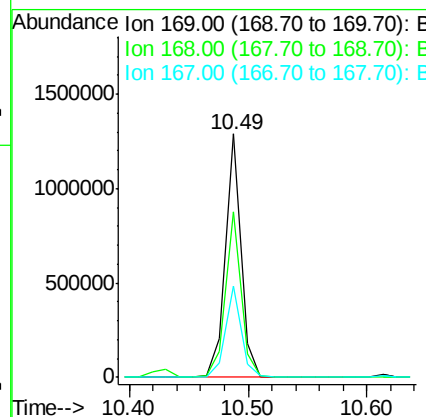
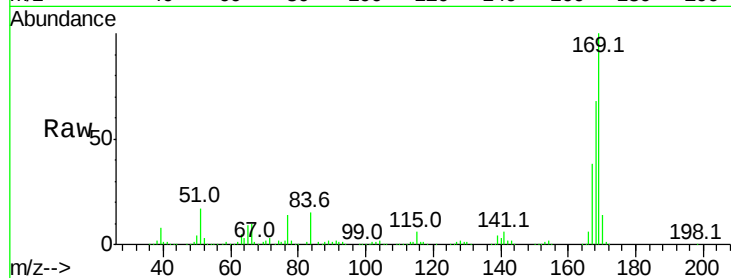
#65
n-Nitrosodiphenylamine
Concen: 39.09 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:169 Resp: 1157726
Ion Ratio Lower Upper
169 100
168 68.0 53.8 80.8
167 37.6 29.8 44.8

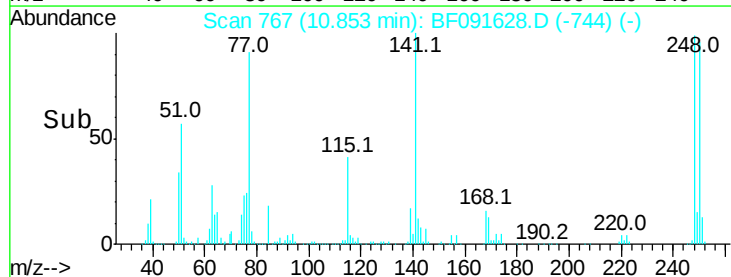
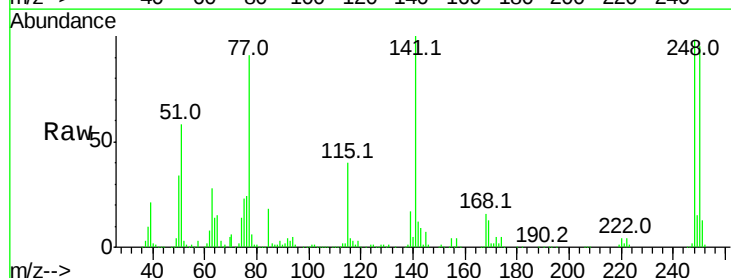
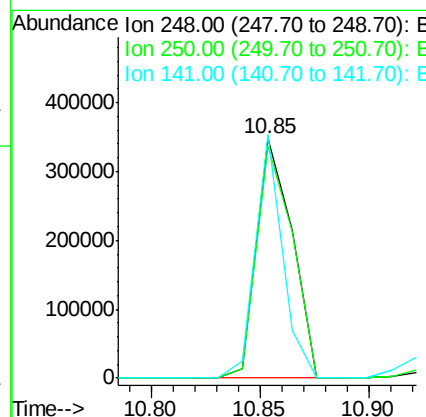
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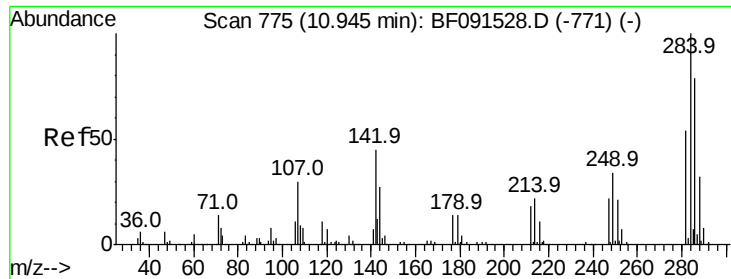
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#66
4-Bromophenyl-phenylether
Concen: 38.84 ng
RT: 10.85 min Scan# 767
Delta R.T. -0.03 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Tgt Ion:248 Resp: 395649
Ion Ratio Lower Upper
248 100
250 96.8 78.2 117.4
141 101.7 71.9 107.9





#67

Hexachlorobenzene

Concen: 40.44 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA_F

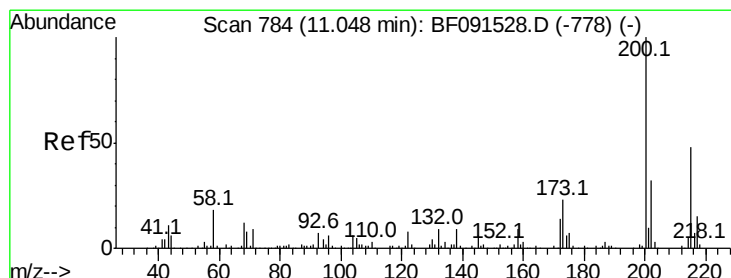
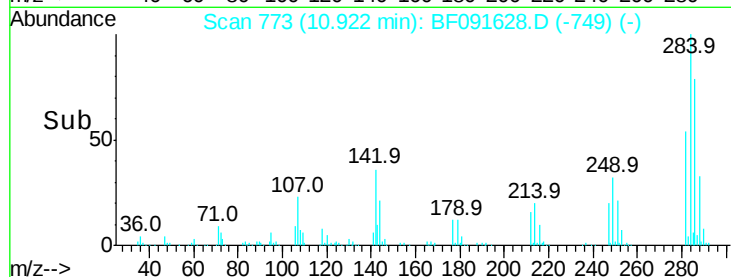
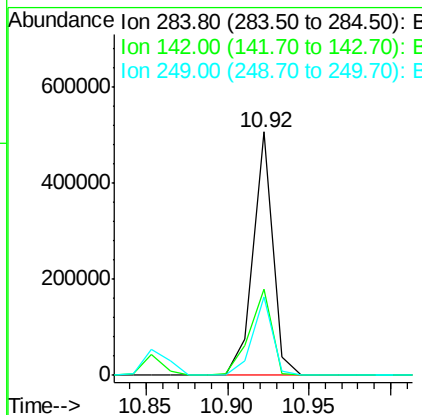
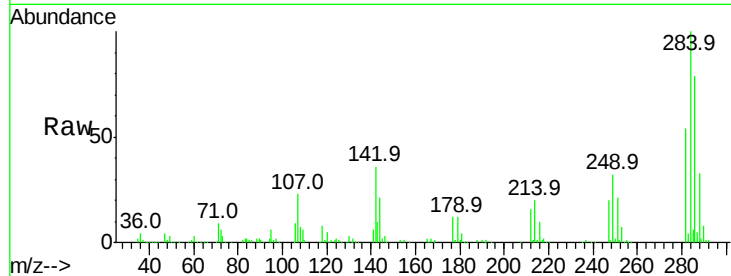
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	35.6	17.9	26.9#	
249	32.3	23.6	35.4	

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#68

Atrazine

Concen: 39.56 ng

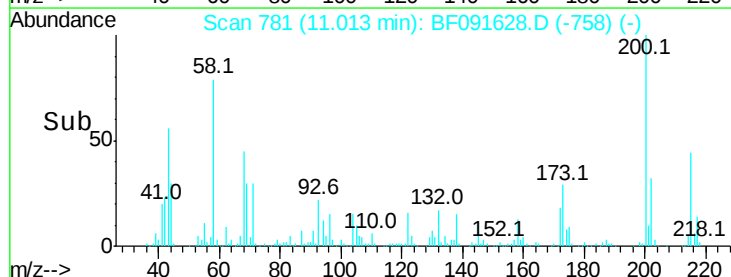
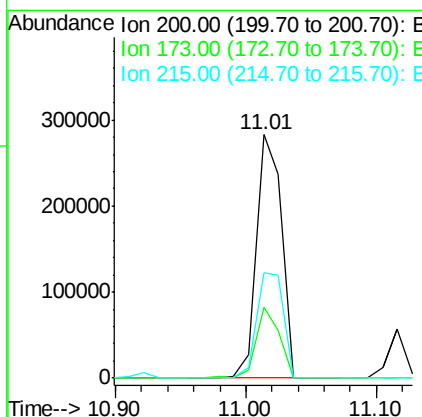
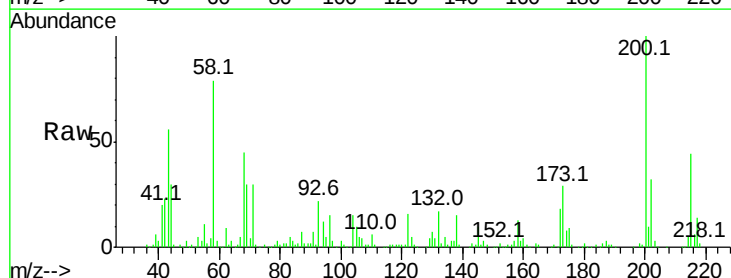
RT: 11.01 min Scan# 781

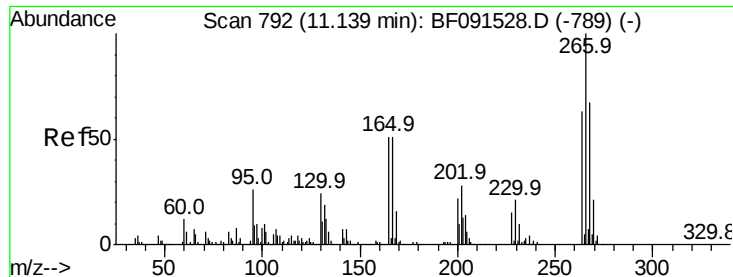
Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.1	7.8	47.8	
215	43.5	24.3	64.3	





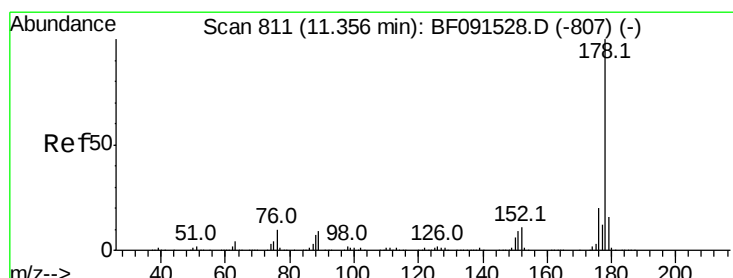
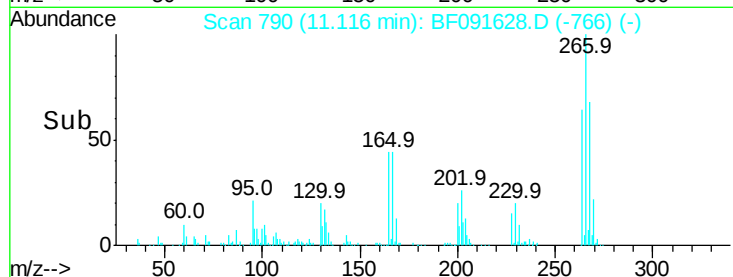
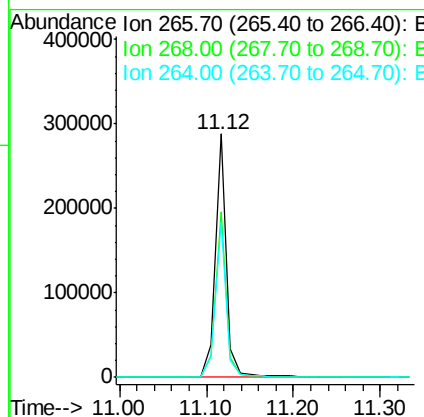
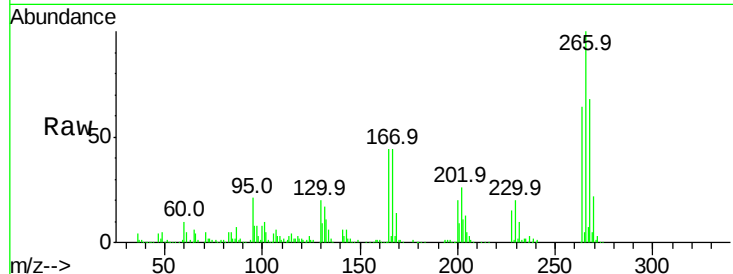
#69
 Pentachlorophenol
 Concen: 43.62 ng
 RT: 11.12 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF091628.D
 Acq: 15 Dec 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	259968		
268	68.0		50.3	75.5
264	63.6		48.2	72.2

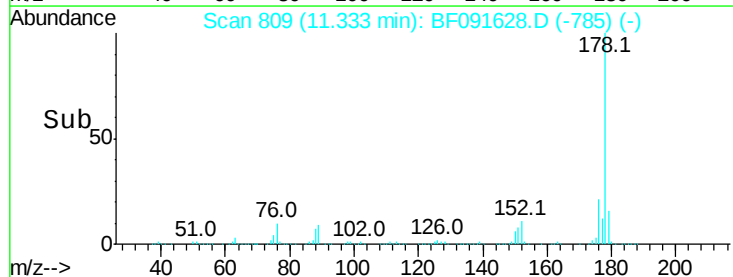
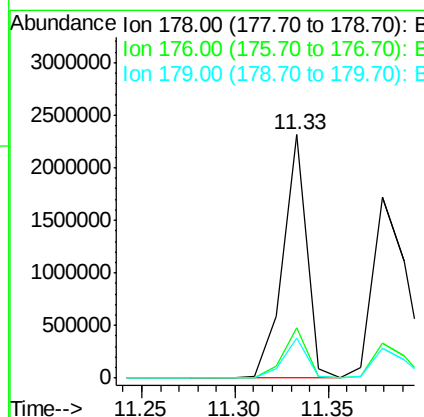
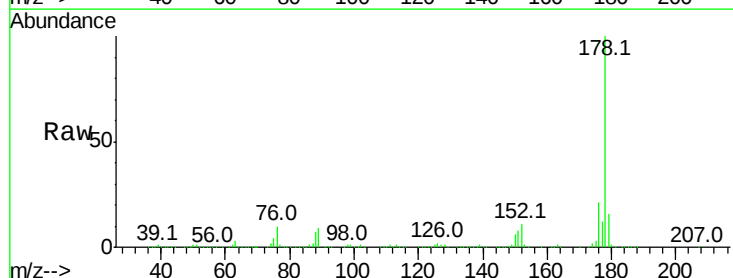
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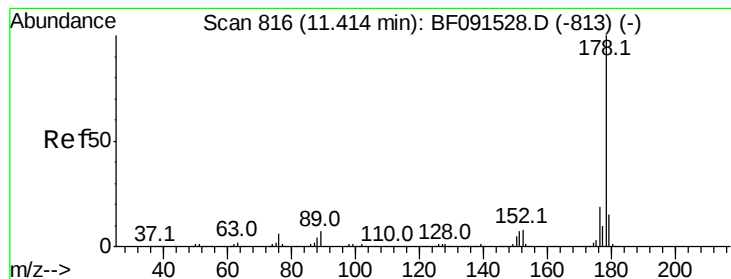
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#70
 Phenanthrene
 Concen: 41.87 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF091628.D
 Acq: 15 Dec 2016 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2059871		
176	20.7		15.9	23.9
179	16.3		12.6	18.8





#71
 Anthracene
 Concen: 38.28 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF091628.D
 Acq: 15 Dec 2016 15:09

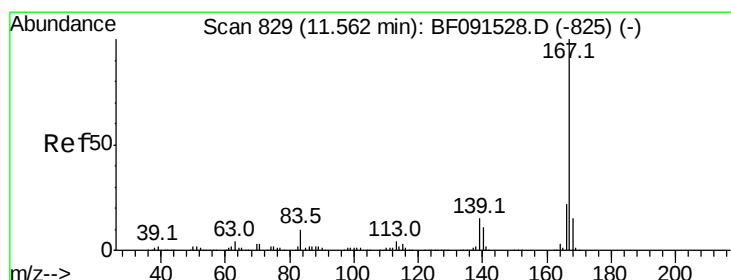
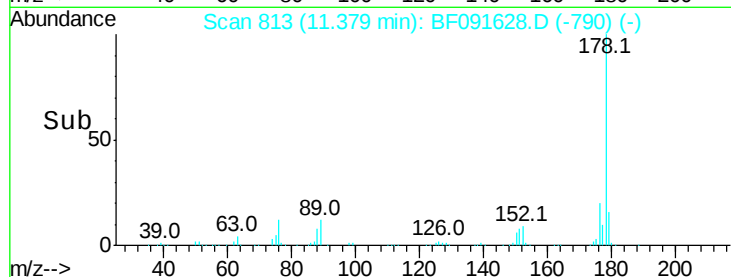
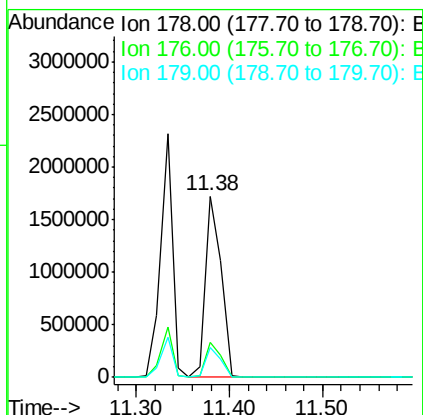
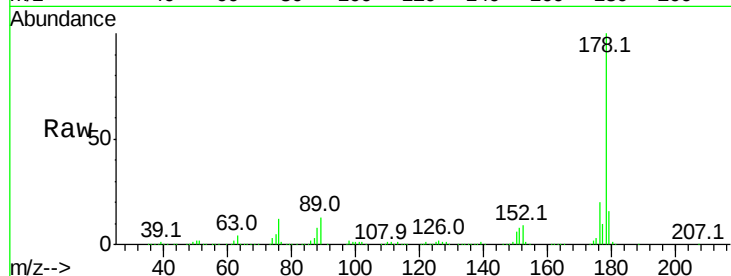
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 2031091

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	16.3	12.7	19.1

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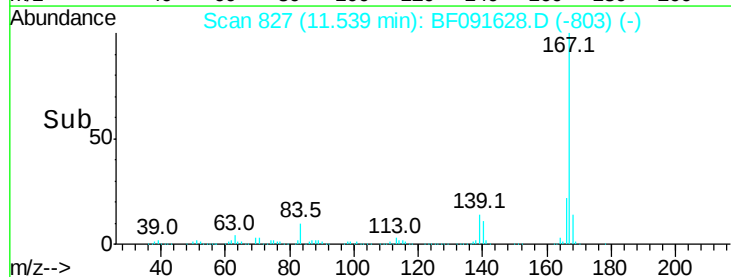
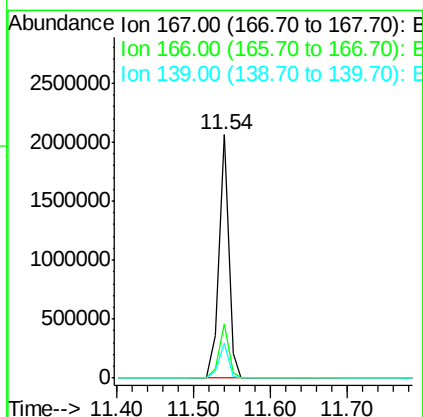
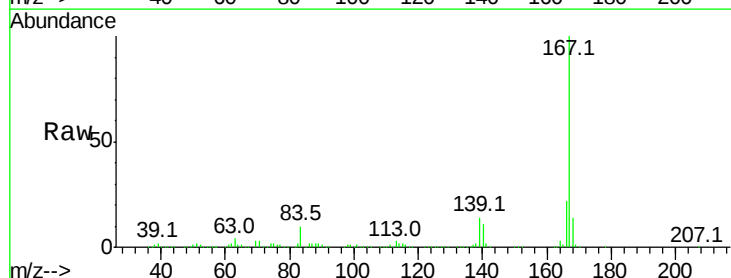
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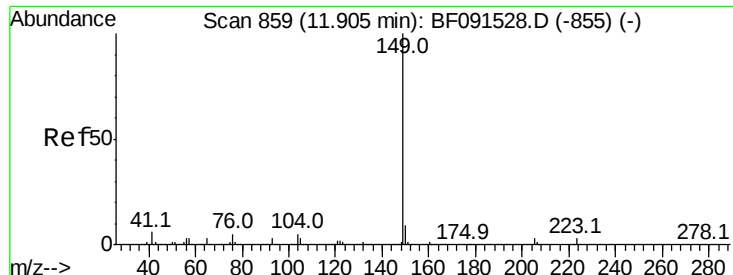


#72
 Carbazole
 Concen: 39.37 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BF091628.D
 Acq: 15 Dec 2016 15:09

Tgt Ion:167 Resp: 1830984

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	14.4	11.5	17.3





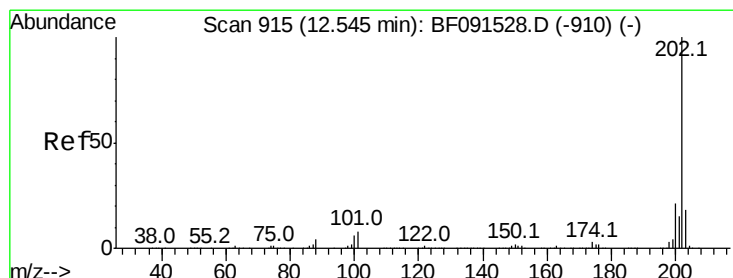
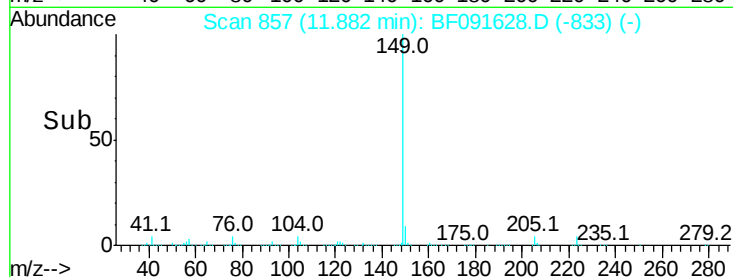
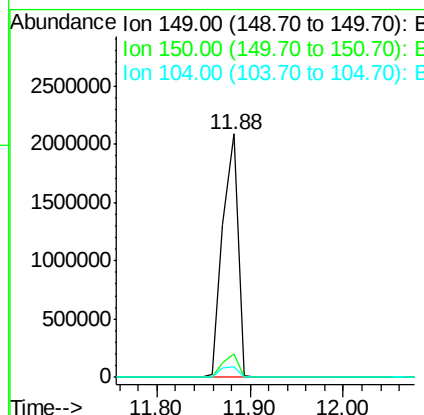
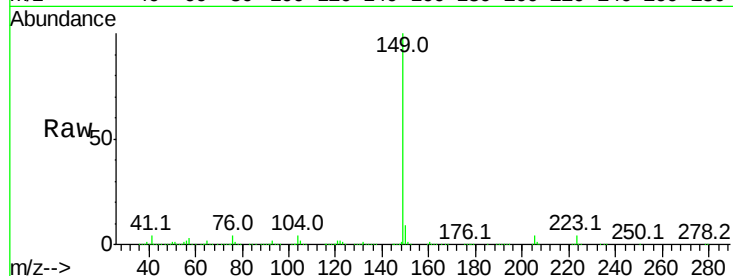
#73
Di-n-butylphthalate
Concen: 43.61 ng
RT: 11.88 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 2363492
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 4.3 4.0 6.0

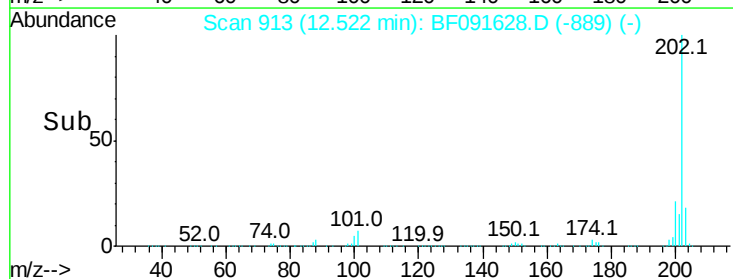
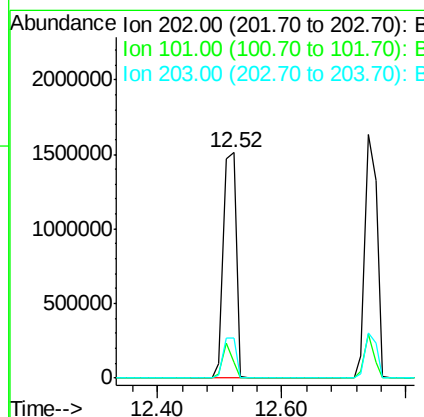
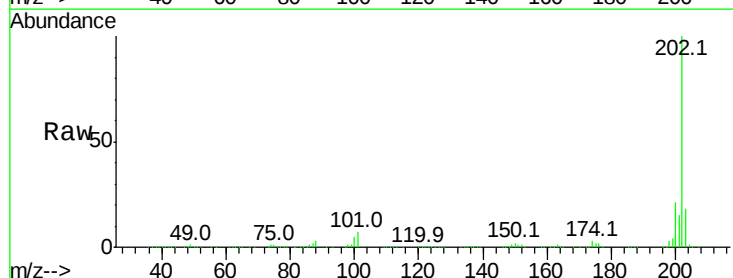
Manual Integrations
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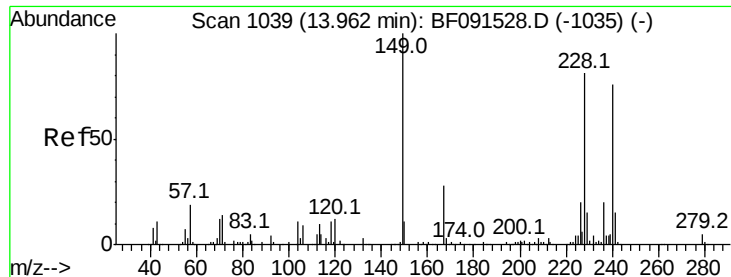
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#74
Fluoranthene
Concen: 41.43 ng
RT: 12.52 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Tgt Ion:202 Resp: 2134068
Ion Ratio Lower Upper
202 100
101 6.9 0.0 29.5
203 17.7 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA_F

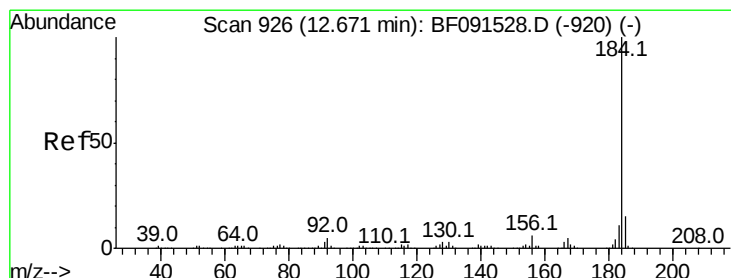
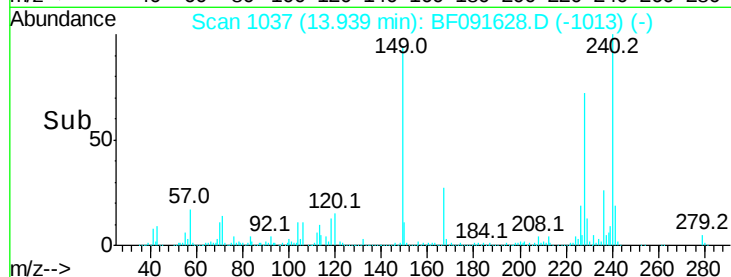
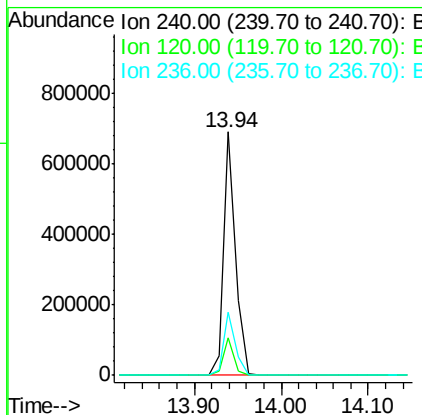
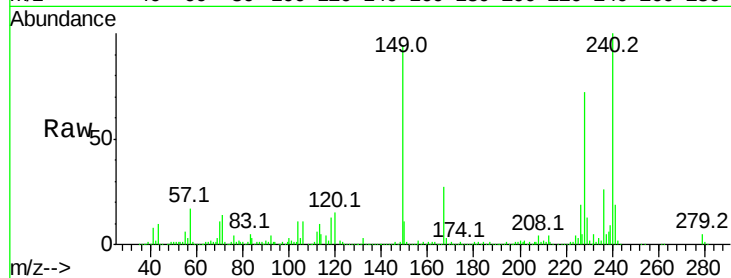
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.3	12.1	18.1
236	26.2	21.0	31.6

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#76

Benzidine

Concen: 34.93 ng

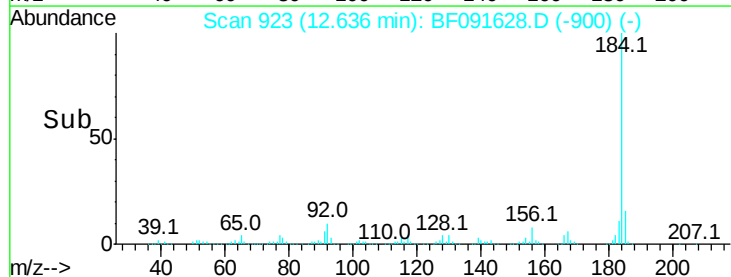
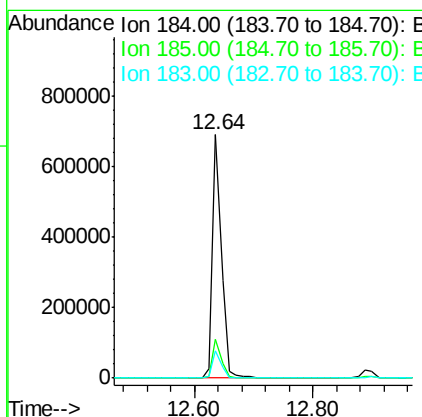
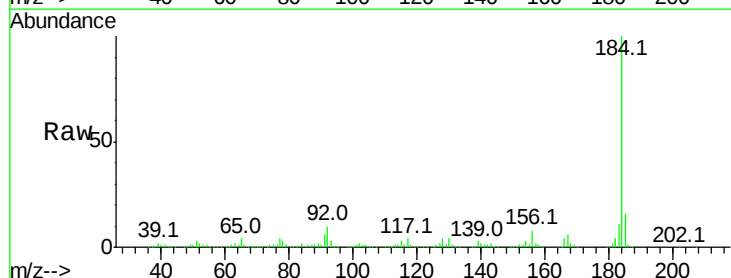
RT: 12.64 min Scan# 923

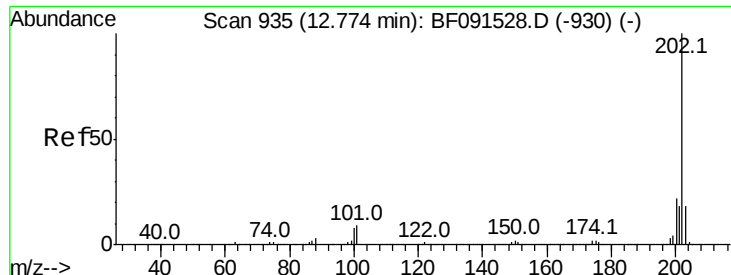
Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.7	13.1	19.7
183	11.4	8.9	13.3





#77

Pvrene

Concen: 40.67 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 2143767

Ion Ratio Lower Upper

202 100

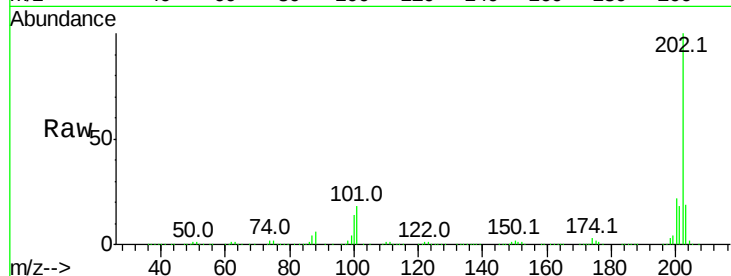
200 21.8 17.6 26.4

203 18.6 14.0 21.0

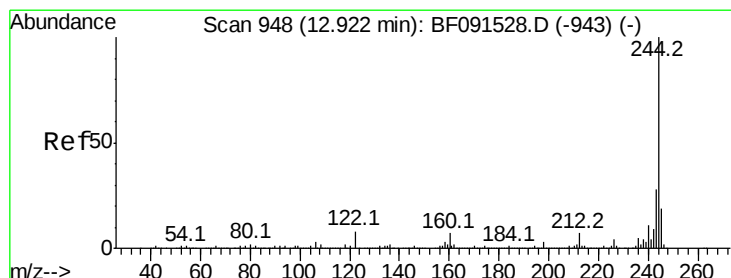
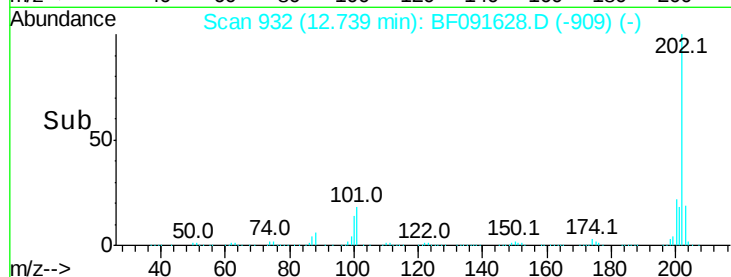
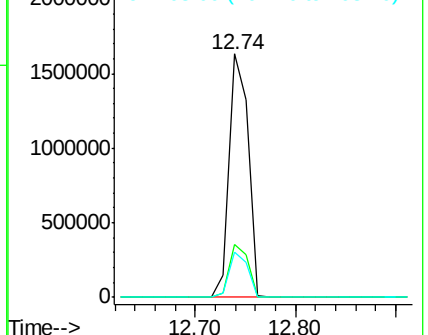
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.64 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

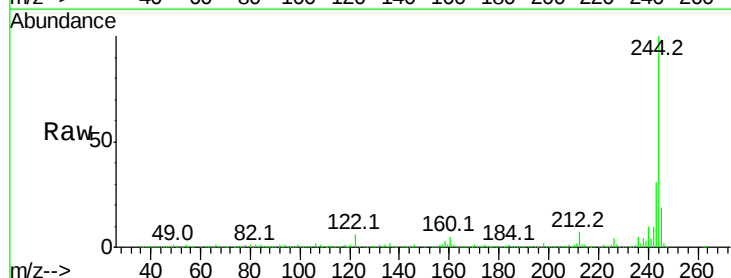
Tgt Ion:244 Resp: 2390572

Ion Ratio Lower Upper

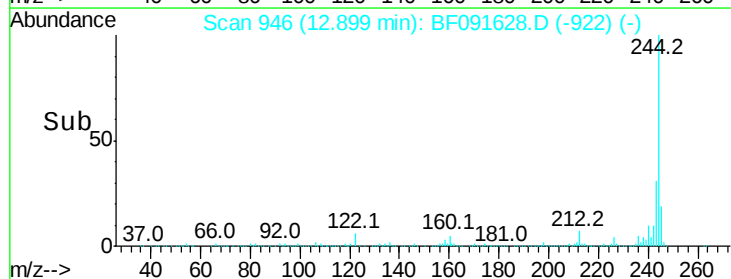
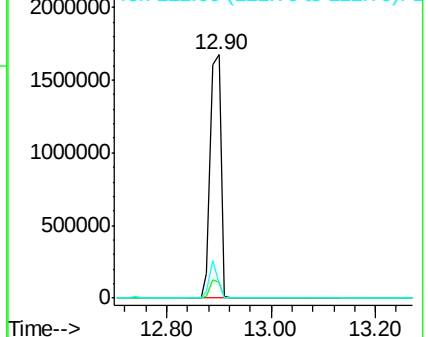
244 100

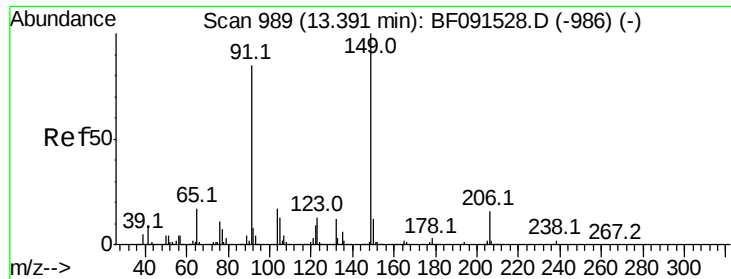
212 6.5 6.5 9.7

122 6.2 9.5 14.3#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





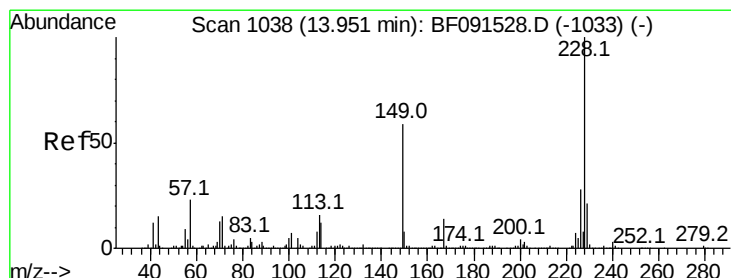
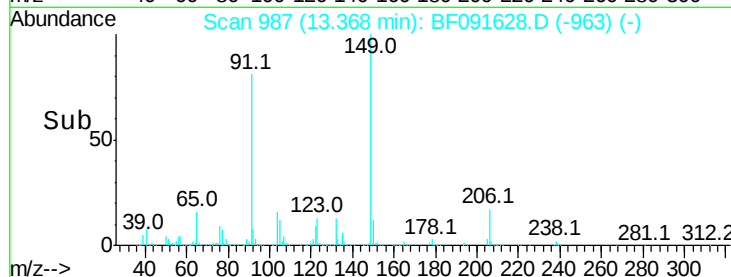
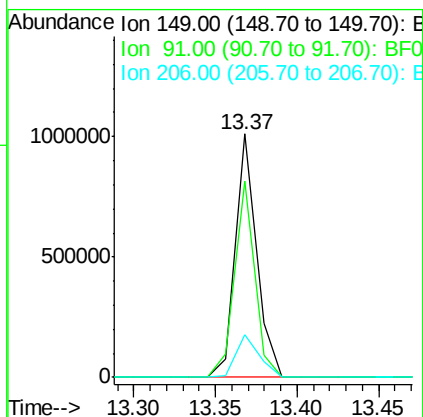
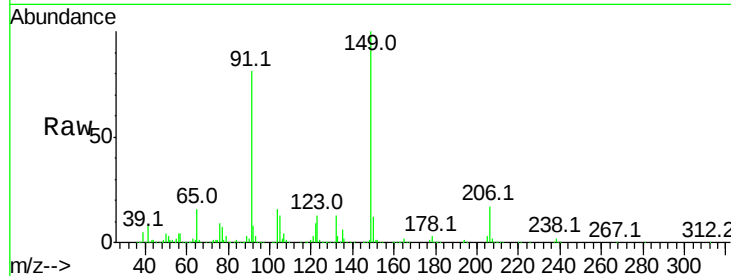
#79
Butylbenzylphthalate
Concen: 43.99 ng
RT: 13.37 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.6	57.4	86.2
206	17.3	15.4	23.2

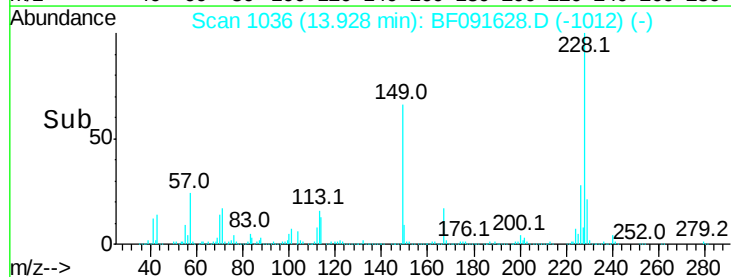
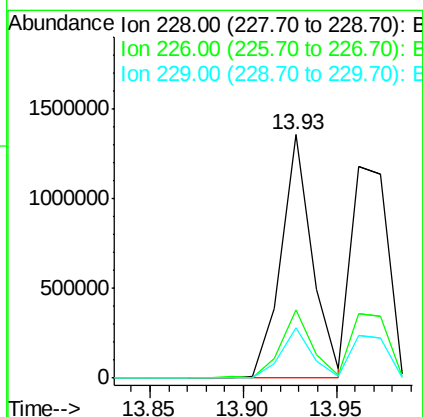
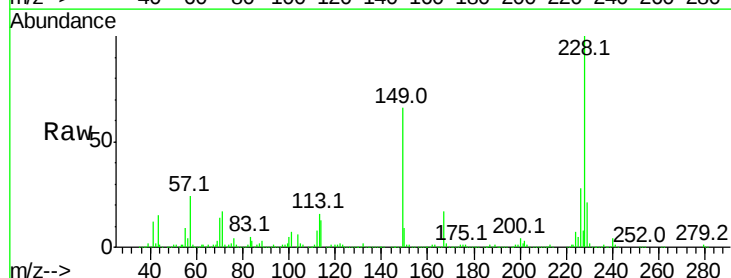
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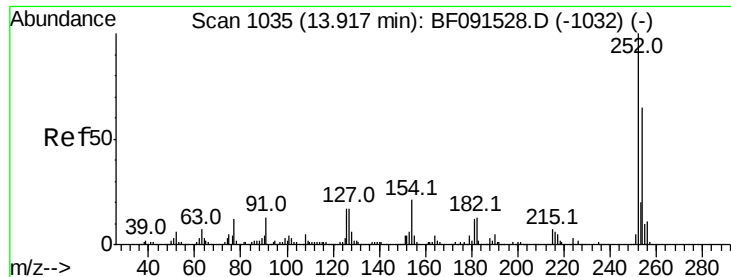
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#80
Benzo(a)anthracene
Concen: 40.93 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.5	33.7
229	20.7	16.4	24.6





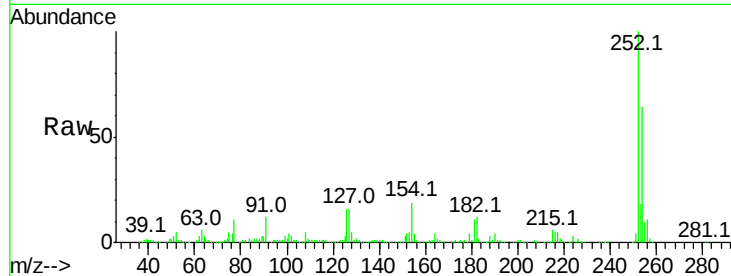
#81
 3,3'-Dichlorobenzidine
 Concen: 41.94 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BF091628.D
 Acq: 15 Dec 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

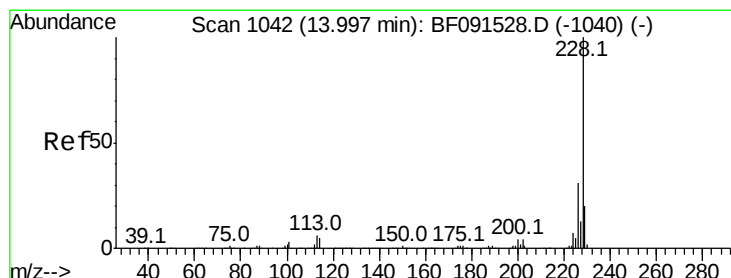
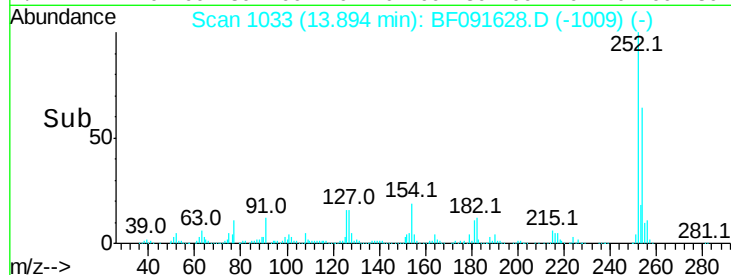
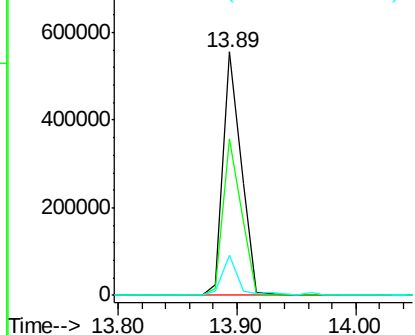
Tot Ion	Ratio	Resp	Lower	Upper
252	100	581146		
254	64.1	52.1	78.1	
126	16.4	7.5	11.3	

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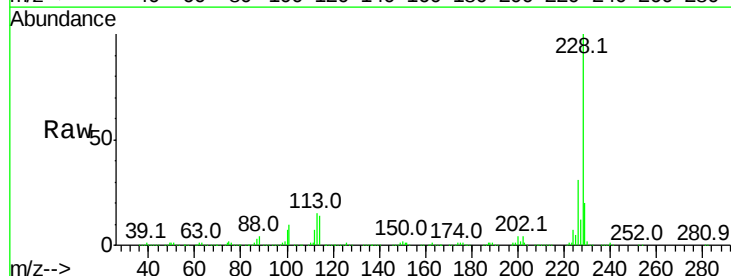


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

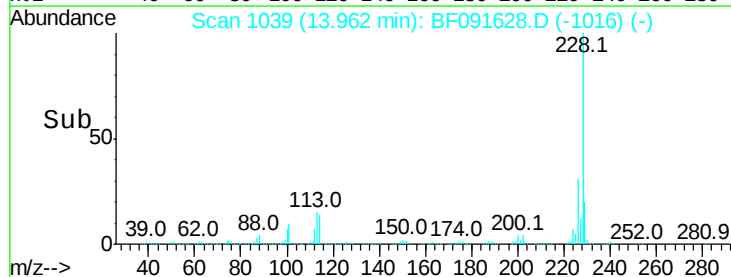
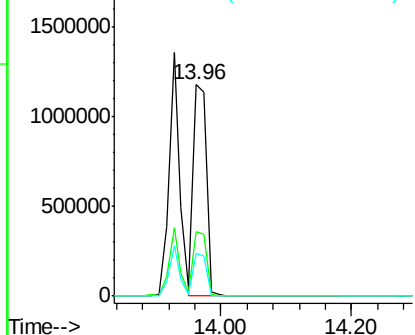


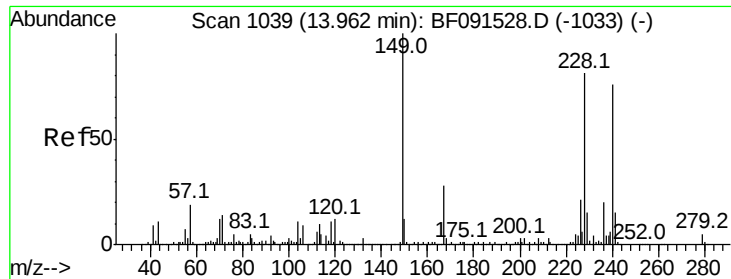
#82
 Chrysene
 Concen: 40.24 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.03 min
 Lab File: BF091628.D
 Acq: 15 Dec 2016 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1624544		
226	30.5	25.0	37.4	
229	20.2	16.0	24.0	



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





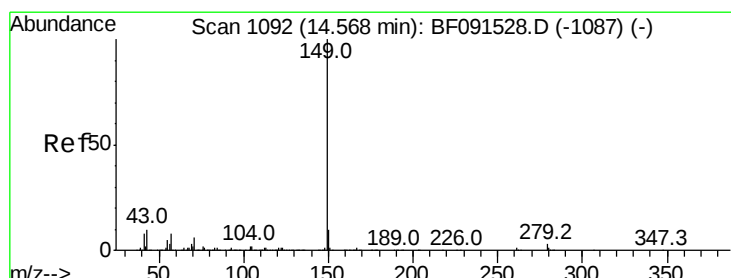
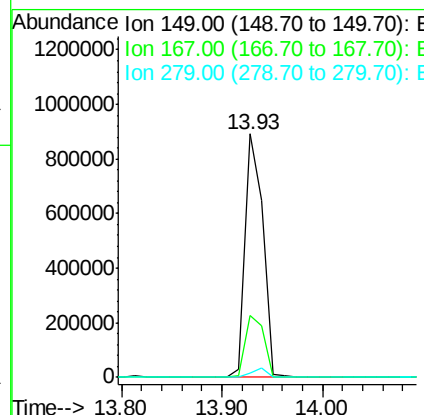
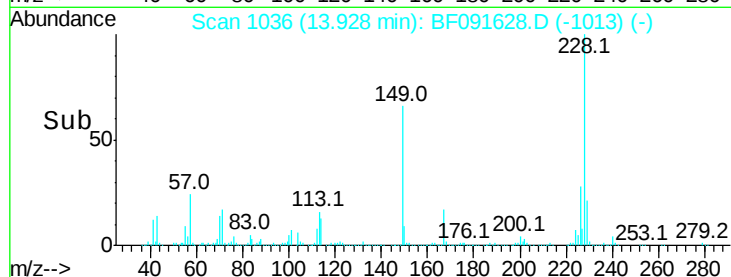
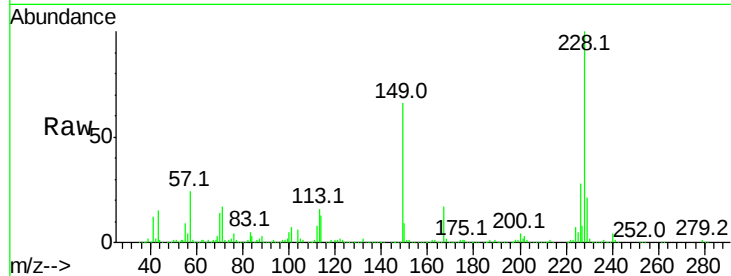
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.41 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BF091628.D
 Acq: 15 Dec 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 1091673
 Ion Ratio Lower Upper
 149 100
 167 25.3 19.6 29.4
 279 2.0 1.9 2.9

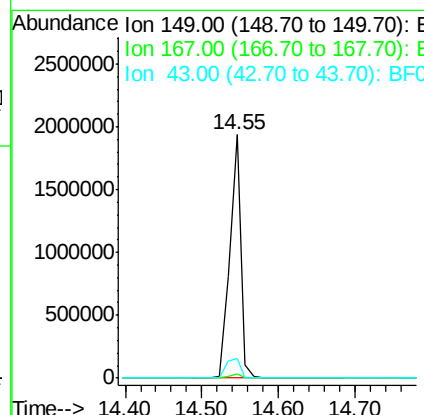
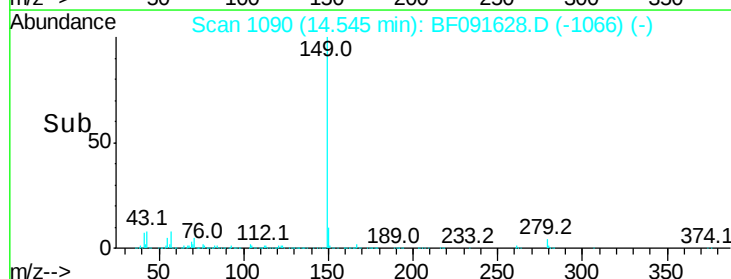
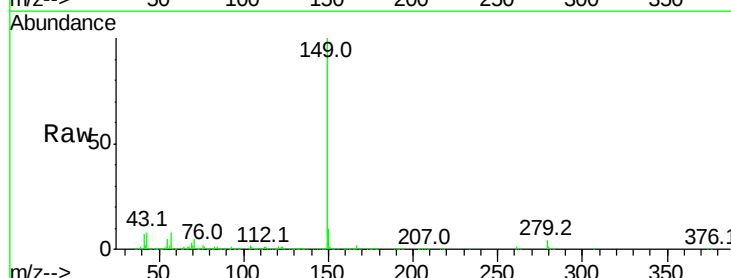
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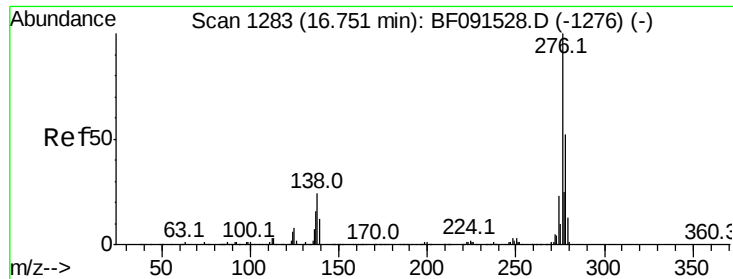
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#84
 Di-n-octyl phthalate
 Concen: 44.23 ng
 RT: 14.55 min Scan# 1090
 Delta R.T. -0.02 min
 Lab File: BF091628.D
 Acq: 15 Dec 2016 15:09

Tgt Ion:149 Resp: 1979086
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.6 11.9 17.9#





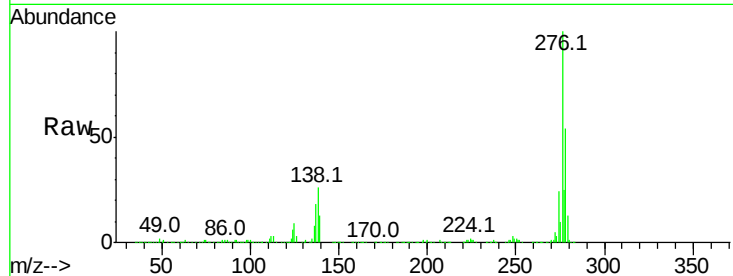
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.53 ng
RT: 16.71 min Scan# 1279
Delta R.T. -0.05 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

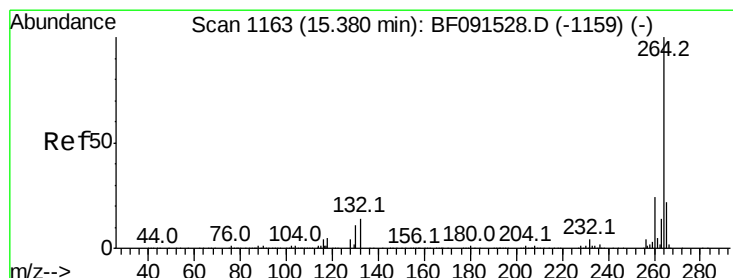
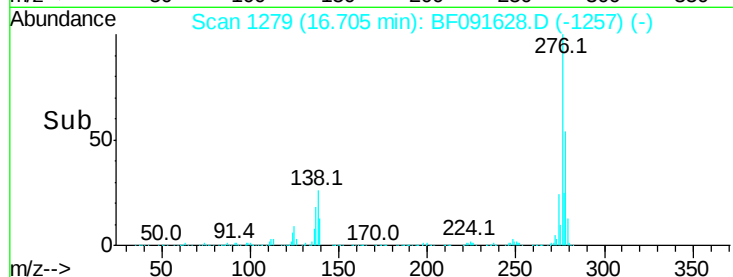
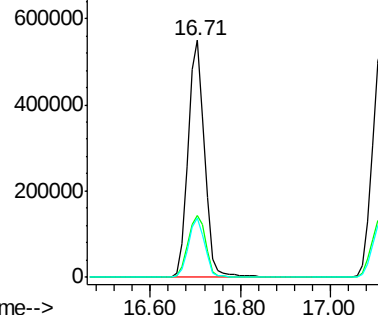
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.6	21.0	31.4
277	25.1	20.2	30.2

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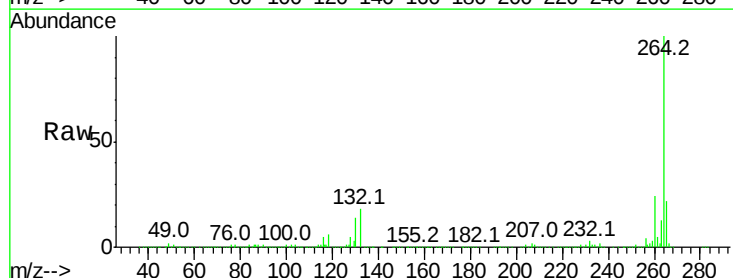


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

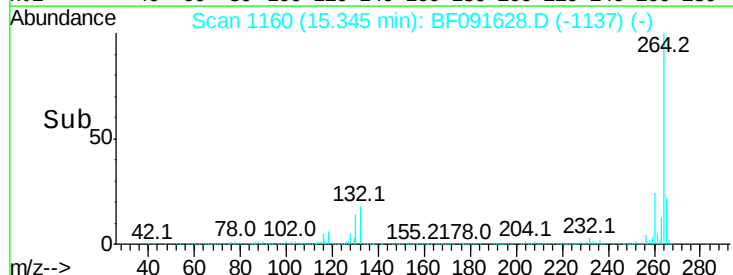
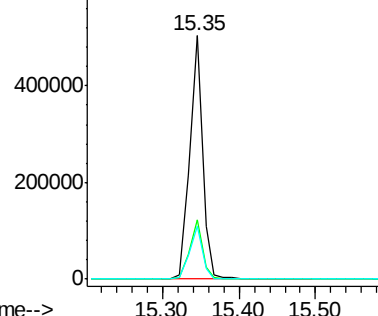


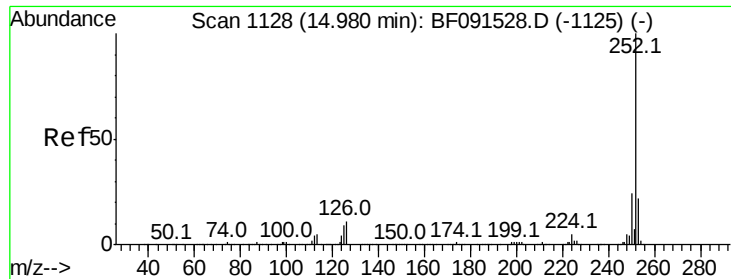
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	21.7	17.0	25.6



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





#87

Benzo(b)fluoranthene

Concen: 39.49 ng m

RT: 14.95 min Scan# 1125

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1391763

Ion Ratio Lower Upper

252 100

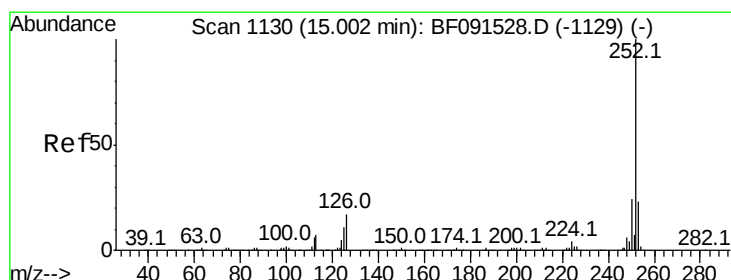
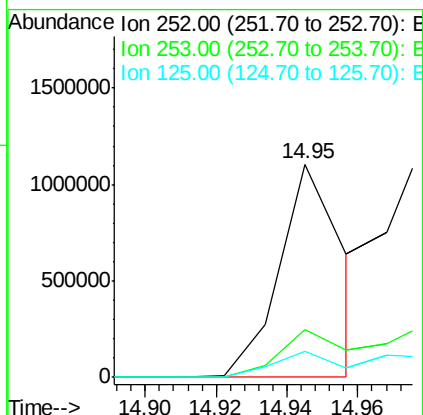
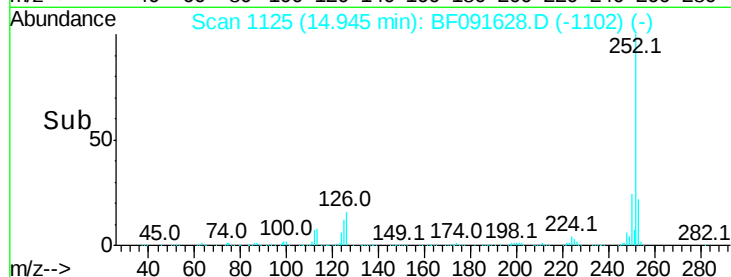
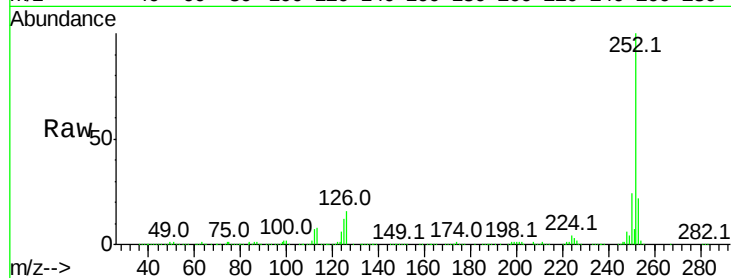
253 22.2 18.2 27.2

125 12.4 8.6 13.0

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#88

Benzo(k)fluoranthene

Concen: 46.95 ng m

RT: 14.98 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

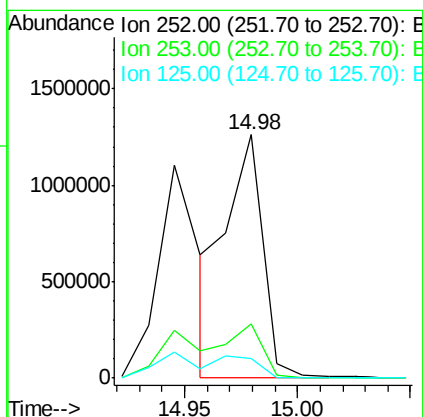
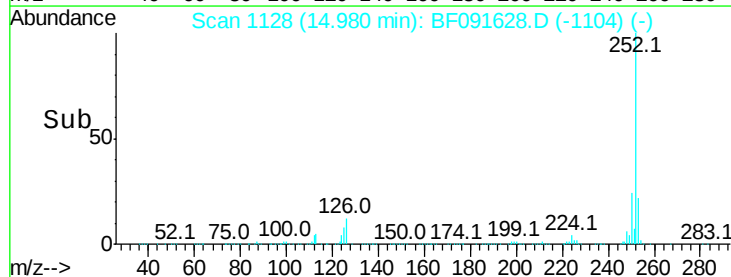
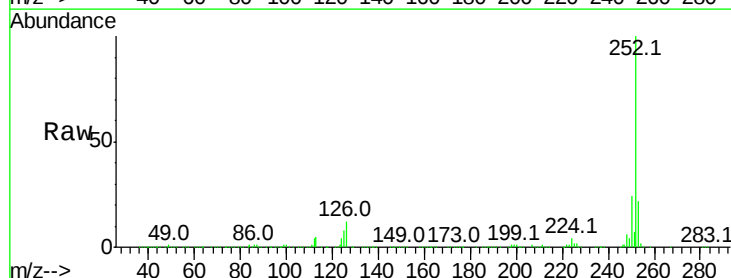
Tgt Ion:252 Resp: 1454948

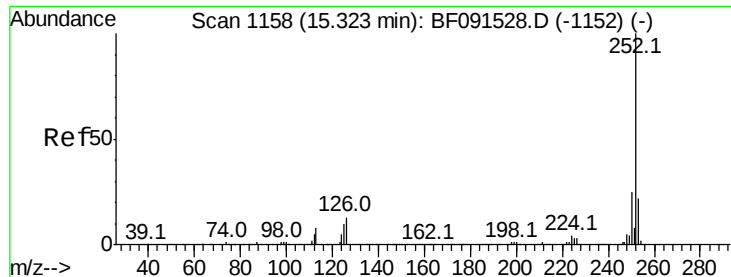
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 8.2 9.6 14.4#





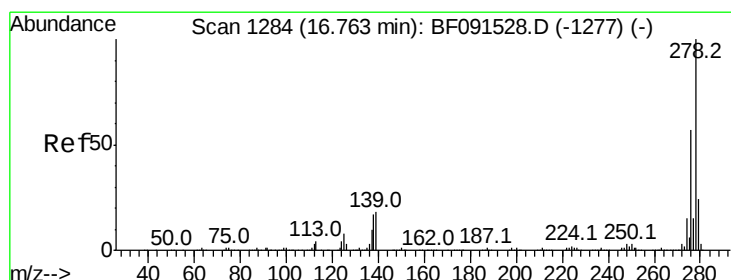
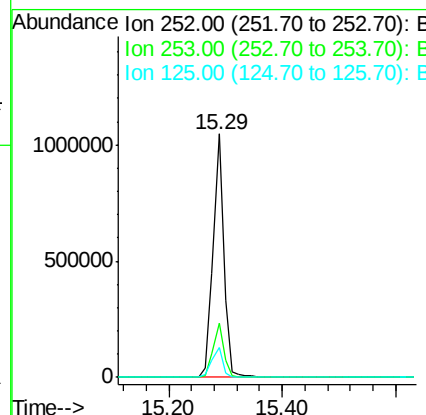
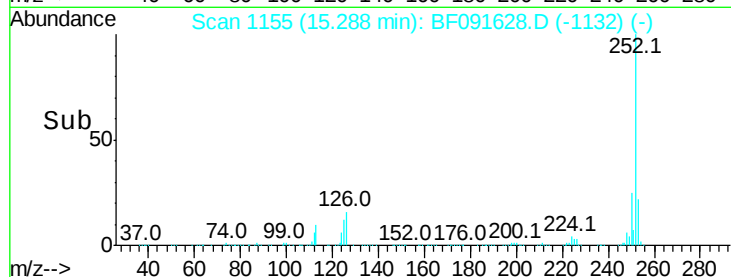
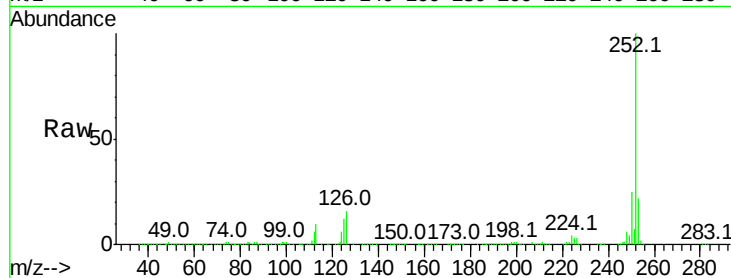
#89
Benzo(a)pyrene
Concen: 41.65 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.03 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	12.4	10.4	15.6

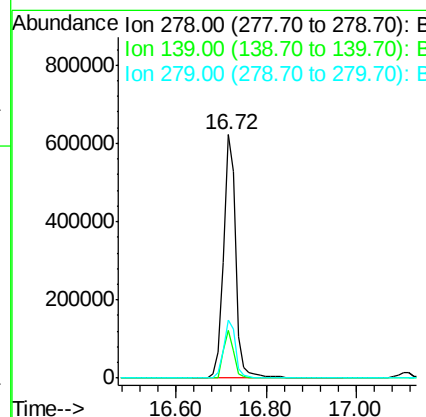
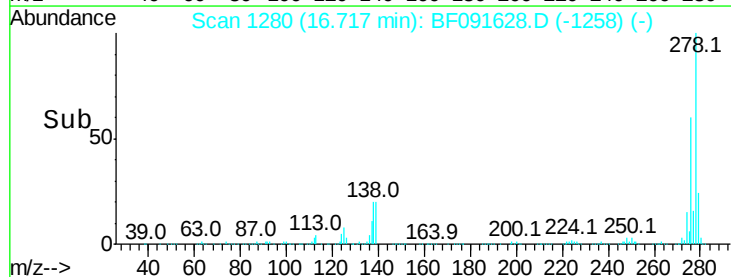
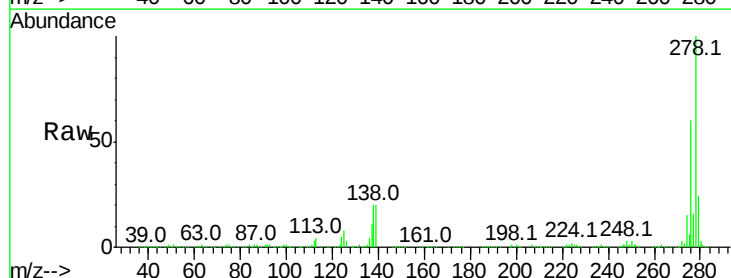
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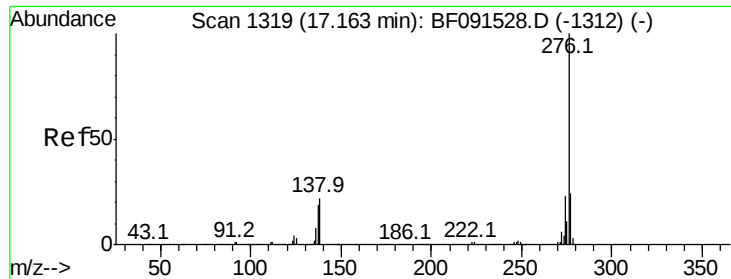
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#90
Dibenzo(a,h)anthracene
Concen: 41.59 ng
RT: 16.72 min Scan# 1280
Delta R.T. -0.05 min
Lab File: BF091628.D
Acq: 15 Dec 2016 15:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.8	15.1	22.7
279	24.0	19.0	28.6





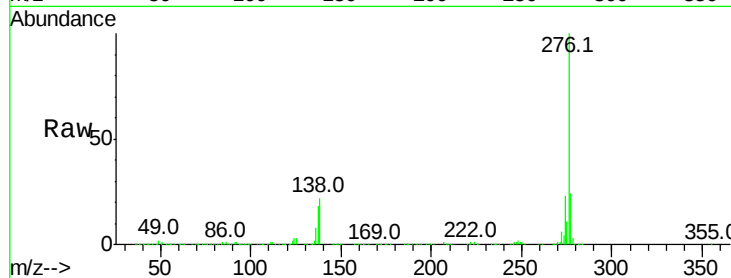
#91
 Benzo(a,h,i)perylene
 Concen: 42.51 ng
 RT: 17.12 min Scan# 1315
 Delta R.T. -0.05 min
 Lab File: BF091628.D
 Acq: 15 Dec 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	21.6	15.4	23.0

Manual Integrations
 APPROVED

UMANGI
 12/16/2016 6:23:21 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

