

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
 Data File : BF091366.D
 Acq On : 30 Nov 2016 20:42
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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 12/1/2016 3:28:26 PM

Quant Time: Dec 01 00:53:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	180412	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	688048	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	360741	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	510919	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	346092	20.00	ng	-0.03
86) Perylene-d12	15.44	264	388426	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	895726	81.11	ng	0.00
7) Phenol-d6	6.49	99	1080756	79.50	ng	0.00
23) Nitrobenzene-d5	7.43	82	942679	76.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	223728	65.51	ng	-0.02
44) 2-Fluorobiphenyl	9.24	172	1788649	89.78	ng	0.00
78) Terphenyl-d14	12.97	244	1257836	78.99	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	198674	39.77	ng	88
3) Pyridine	3.19	79	575762	40.72	ng	88
4) n-Nitrosodimethylamine	3.14	42	302724	40.81	ng	93
6) Aniline	6.53	93	690702	38.25	ng	# 71
8) 2-Chlorophenol	6.65	128	489232	40.40	ng	99
9) Benzaldehyde	6.41	77	259809	29.72	ng	78
10) Phenol	6.50	94	557016	34.82	ng	96
11) bis(2-Chloroethyl)ether	6.61	93	473910	41.46	ng	89
12) 1,3-Dichlorobenzene	6.80	146	512031m	38.02	ng	
13) 1,4-Dichlorobenzene	6.88	146	515321	38.46	ng	97
14) 1,2-Dichlorobenzene	7.04	146	515282	41.29	ng	94
15) Benzyl Alcohol	7.01	79	425541	39.11	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	986012	40.12	ng	71
17) 2-Methylphenol	7.12	107	390131	40.76	ng	# 76
18) Hexachloroethane	7.38	117	191296	40.21	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	313305	36.58	ng	96
20) 3+4-Methylphenols	7.27	107	443446	37.95	ng	# 76
22) Acetophenone	7.28	105	647603	39.71	ng	# 94
24) Nitrobenzene	7.45	77	564572	44.91	ng	# 81
25) Isophorone	7.69	82	891402	40.98	ng	99
26) 2-Nitrophenol	7.76	139	221135	38.60	ng	96
27) 2,4-Dimethylphenol	7.81	122	450251	42.02	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	503185	38.43	ng	100
29) 2,4-Dichlorophenol	8.00	162	357229	37.89	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	431366	40.82	ng	98
31) Naphthalene	8.17	128	1286015	39.33	ng	100
32) Benzoic acid	7.92	122	298137	37.74	ng	94
33) 4-Chloroaniline	8.22	127	510000	36.48	ng	95
34) Hexachlorobutadiene	8.30	225	279491	43.01	ng	98
35) Caprolactam	8.60	113	113117	41.75	ng	# 86
36) 4-Chloro-3-methylphenol	8.70	107	375347	36.88	ng	98
37) 2-Methylnaphthalene	8.87	142	853880	38.44	ng	93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	414854	40.79	ng	97
40) Hexachlorocyclopentadiene	9.02	237	90226	19.14	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	263065	39.80	nq	97
43) 2,4,5-Trichlorophenol	9.18	196	265952	40.15	nq	# 92
45) 1,1'-Biphenyl	9.33	154	1003751	38.70	nq	97
46) 2-Chloronaphthalene	9.35	162	728595	37.72	nq	99
47) 2-Nitroaniline	9.44	65	259843	37.45	nq	# 75
48) Acenaphthylene	9.76	152	1163758	38.27	nq	99
49) Dimethylphthalate	9.64	163	927146	42.45	nq	99
50) 2,6-Dinitrotoluene	9.69	165	213752	43.78	nq	# 58
51) Acenaphthene	9.94	154	807724	39.38	nq	95
52) 3-Nitroaniline	9.85	138	196024	34.69	nq	88
53) 2,4-Dinitrophenol	9.96	184	46060	21.57	nq	91
54) Dibenzofuran	10.10	168	1036560	37.74	nq	98
55) 4-Nitrophenol	10.00	139	131170	32.14	nq	92
56) 2,4-Dinitrotoluene	10.08	165	240112	37.91	nq	# 52
57) Fluorene	10.45	166	747461	35.45	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	188331	33.30	nq	94
59) Diethylphthalate	10.33	149	892333	41.39	nq	# 93
60) 4-Chlorophenyl-phenylether	10.45	204	401617	37.98	nq	93
61) 4-Nitroaniline	10.46	138	179826	33.89	nq	87
62) Azobenzene	10.61	77	913825	41.54	nq	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	80779	28.70	nq	# 57
65) n-Nitrosodiphenylamine	10.56	169	682472	44.06	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	245732	44.75	nq	# 74
67) Hexachlorobenzene	11.00	284	234286	39.48	nq	# 80
68) Atrazine	11.09	200	66238	13.20	nq	91
69) Pentachlorophenol	11.19	266	115102	32.95	nq	94
70) Phenanthrene	11.41	178	1005309	37.87	nq	99
71) Anthracene	11.46	178	1097222	41.64	nq	98
72) Carbazole	11.61	167	949316	39.71	nq	97
73) Di-n-butylphthalate	11.96	149	1177320	43.45	nq	99
74) Fluoranthene	12.60	202	985624	39.19	nq	96
76) Benzidine	12.71	184	138539	13.64	nq	99
77) Pyrene	12.82	202	1003395	38.20	nq	98
79) Butylbenzylphthalate	13.44	149	378188	38.45	nq	91
80) Benzo(a)anthracene	14.00	228	826763	40.85	nq	100
81) 3,3'-Dichlorobenzidine	13.97	252	302332	42.40	nq	# 98
82) Chrysene	14.05	228	867614	43.32	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	539545	43.28	nq	# 91
84) Di-n-octyl phthalate	14.62	149	967803	51.30	nq	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	847143	46.19	nq	96
87) Benzo(b)fluoranthene	15.03	252	1064674	44.10	nq	99
88) Benzo(k)fluoranthene	15.07	252	739220m	36.41	nq	
89) Benzo(a)pyrene	15.39	252	871071	40.18	nq	97
90) Dibenzo(a,h)anthracene	16.87	278	730189	36.41	nq	# 95
91) Benzo(g,h,i)perylene	17.27	276	703961	34.05	nq	100

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

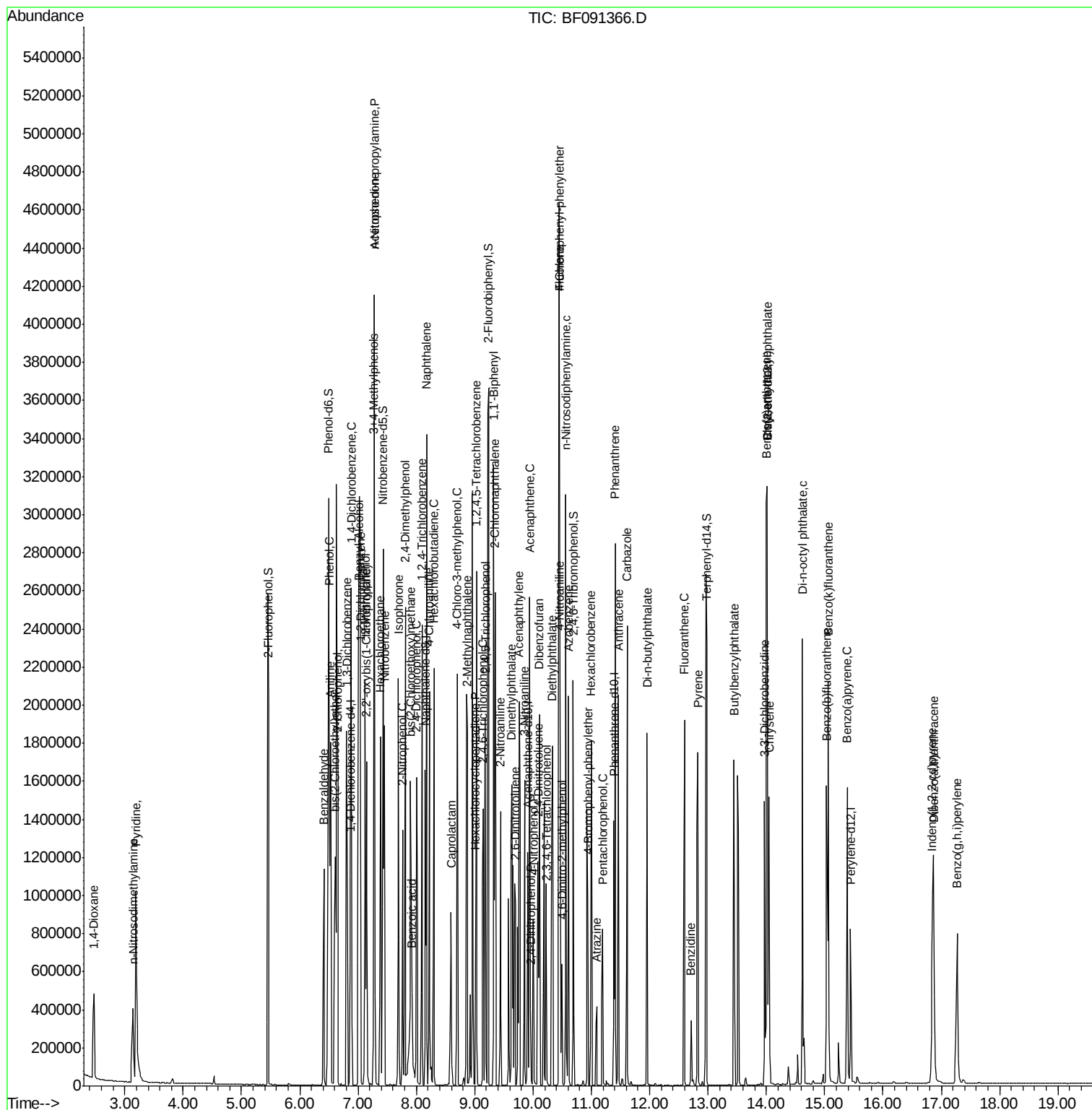
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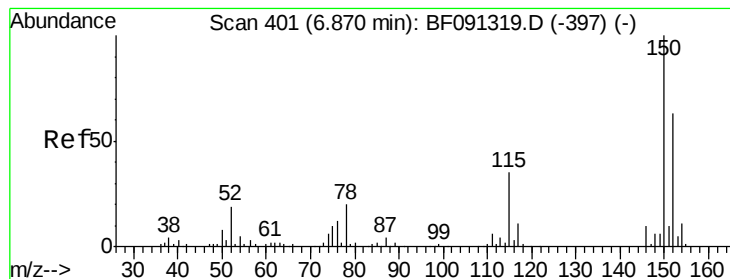
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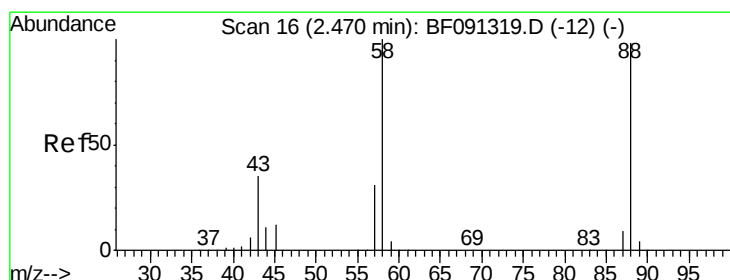
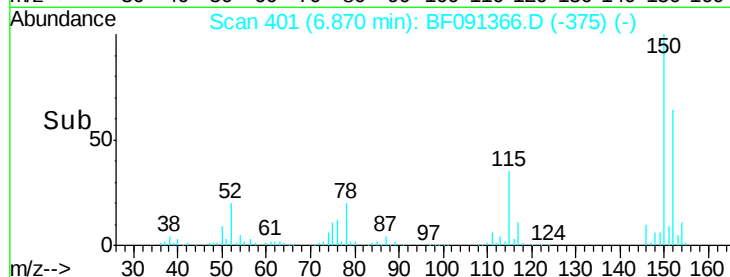
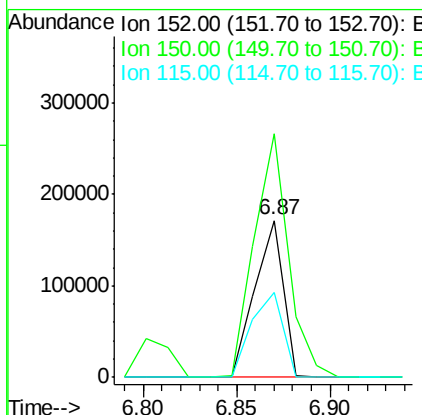
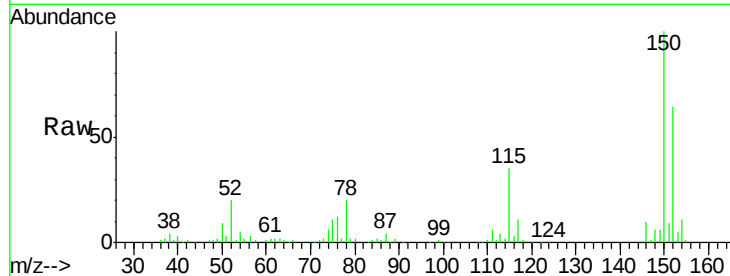
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.87 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	122.5	183.7
115	54.0	51.8	77.8

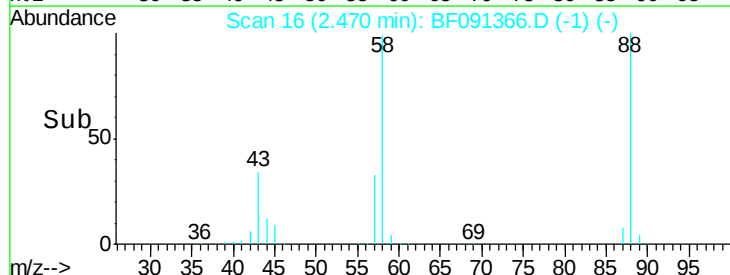
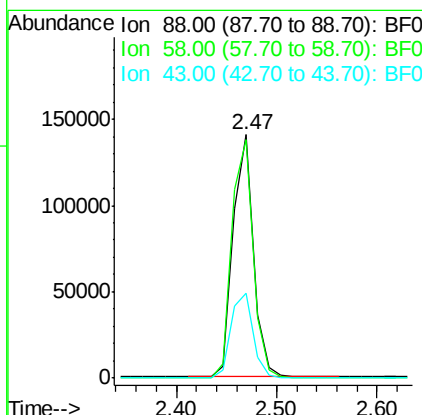
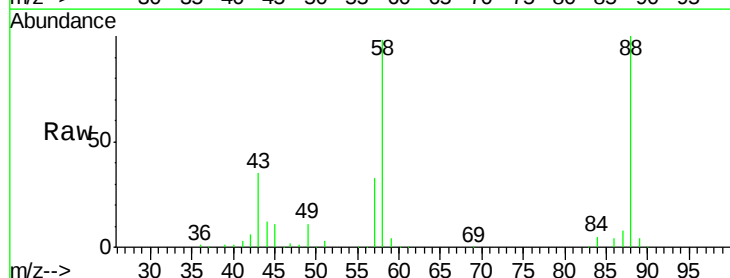
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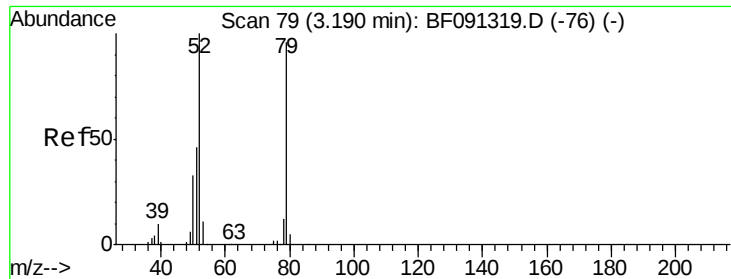
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#2
 1,4-Dioxane
 Concen: 39.77 ng
 RT: 2.47 min Scan# 16
 Delta R.T. -0.03 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.2	70.3	105.5
43	37.8	31.3	46.9





#3

Pvridine

Concen: 40.72 ng

RT: 3.19 min Scan# 79

Delta R.T. -0.03 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

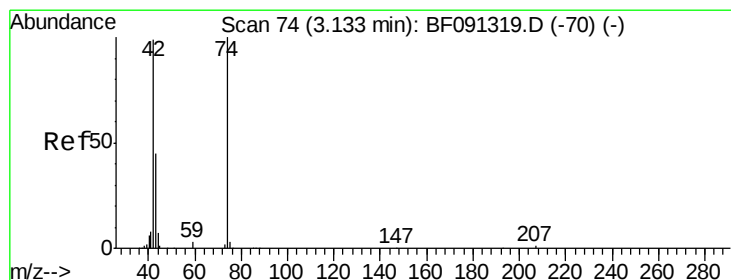
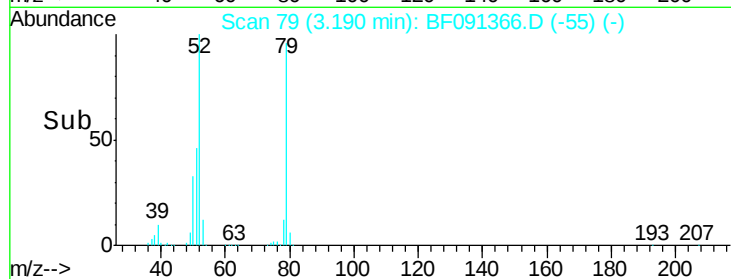
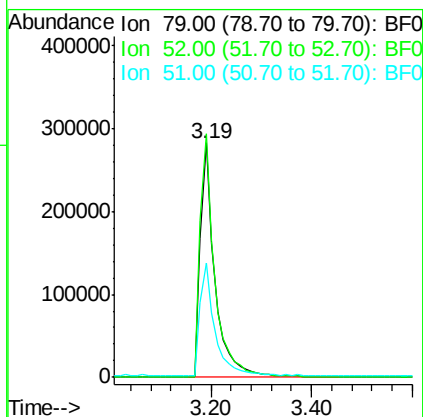
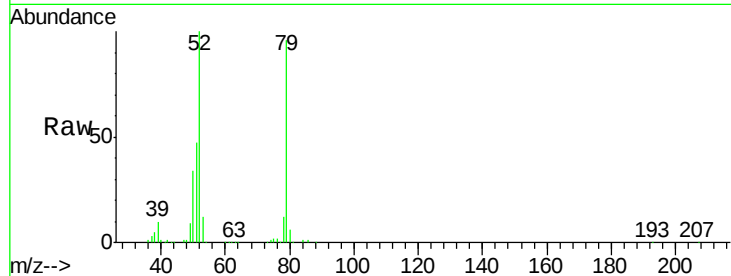
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	575762
Ion	Ratio	Lower	Upper
79	100		
52	103.9	71.0	106.4
51	48.9	37.0	55.4

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#4

n-Nitrosodimethylamine

Concen: 40.81 ng

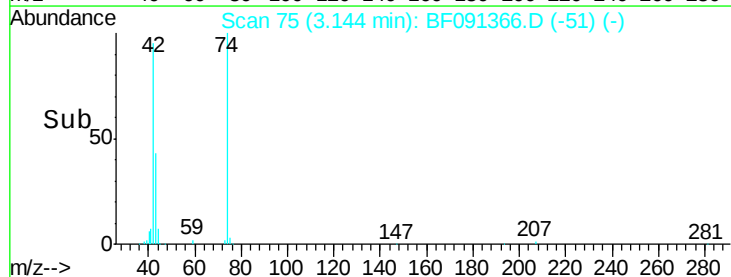
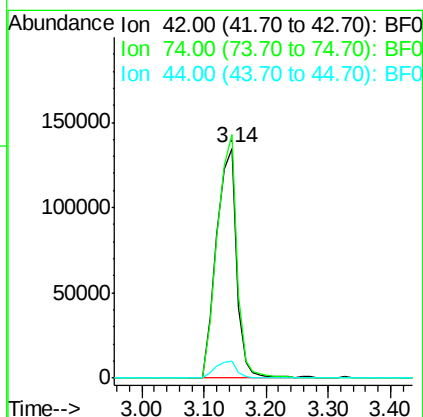
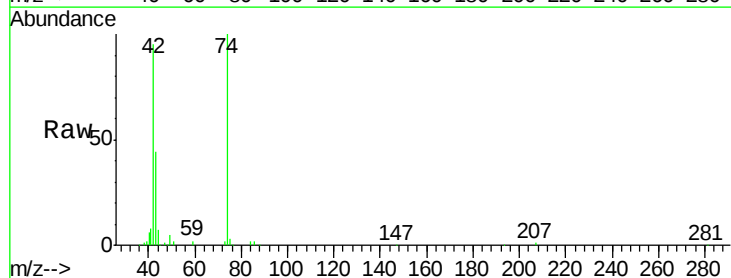
RT: 3.14 min Scan# 75

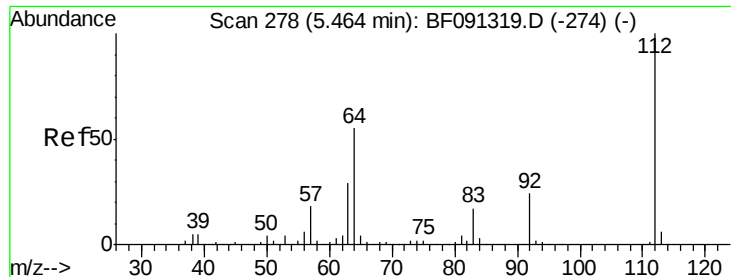
Delta R.T. -0.03 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Tgt Ion:	42	Resp:	302724
Ion	Ratio	Lower	Upper
42	100		
74	105.8	78.9	118.3
44	7.2	5.8	8.6





#5

2-Fluorophenol

Concen: 81.11 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

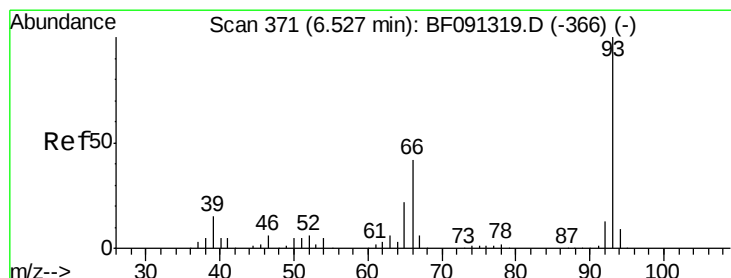
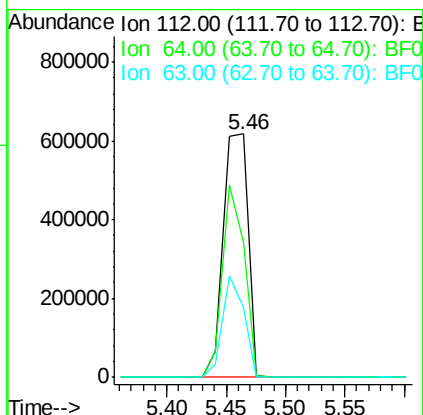
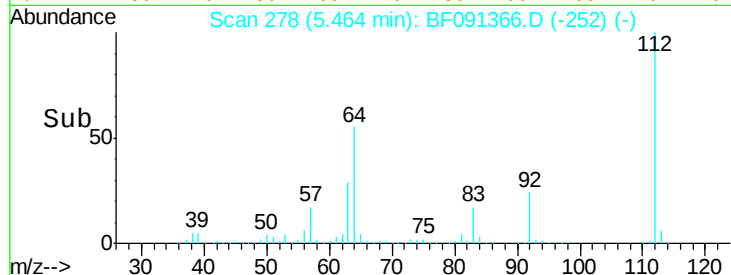
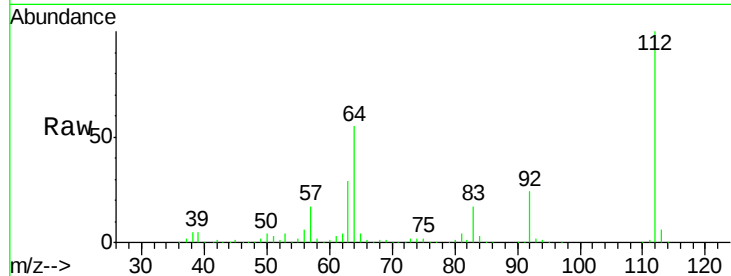
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	895726
Ion Ratio	Lower	Upper	
112	100		
64	55.3	61.5	92.3#
63	28.7	33.3	49.9#

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#6

Aniline

Concen: 38.25 ng

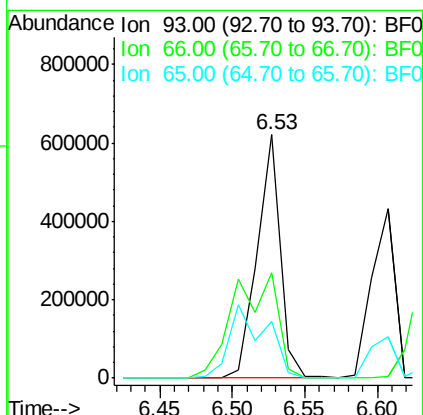
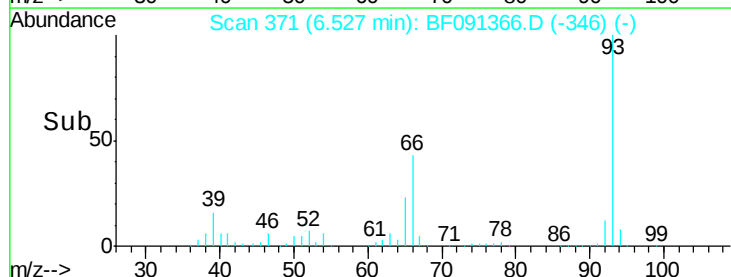
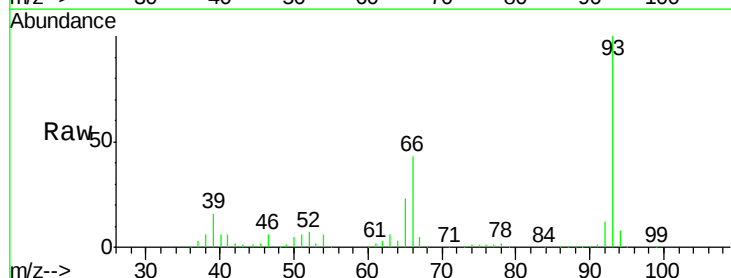
RT: 6.53 min Scan# 371

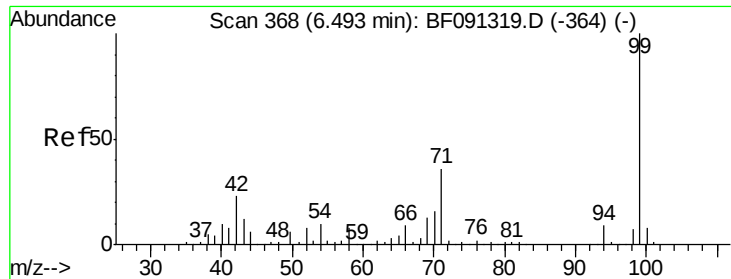
Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Tgt Ion:	93	Resp:	690702
Ion Ratio	Lower	Upper	
93	100		
66	43.1	55.8	83.6#
65	23.1	29.9	44.9#





#7

Phenol-d6

Concen: 79.50 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1080756

Ion Ratio Lower Upper

99 100

42 23.7 20.6 31.0

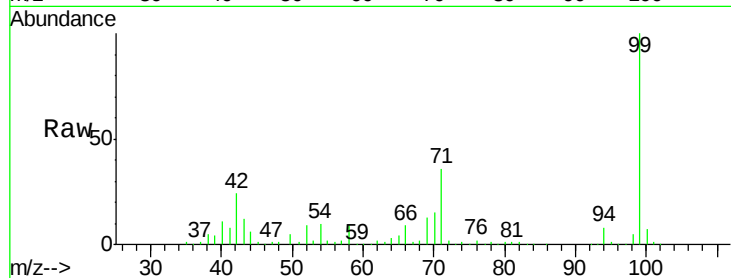
71 36.1 29.9 44.9

Manual Integrations

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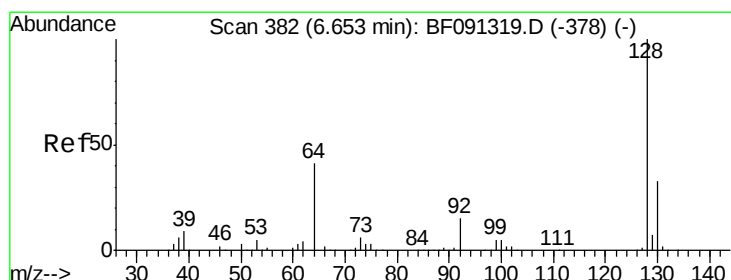
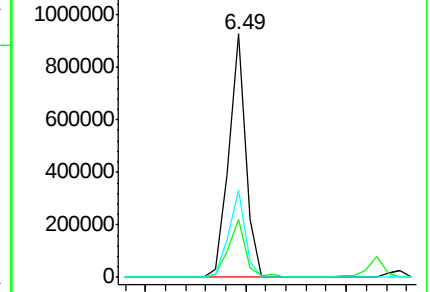
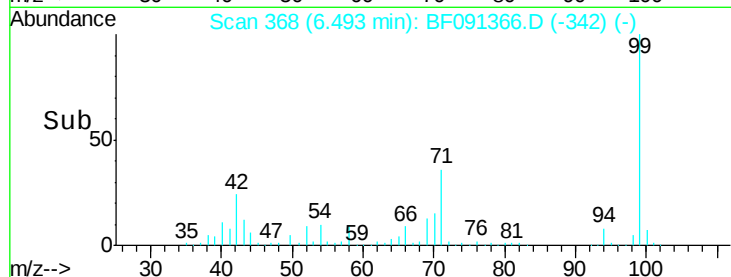
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.40 ng

RT: 6.65 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

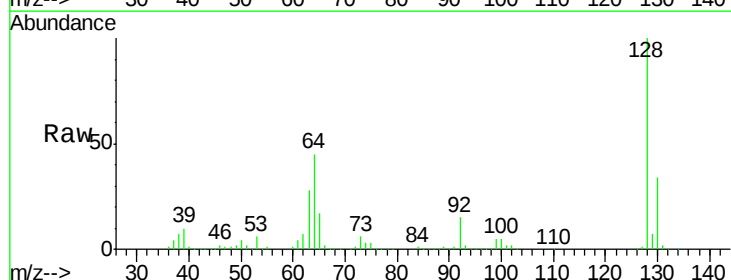
Tgt Ion: 128 Resp: 489232

Ion Ratio Lower Upper

128 100

130 33.6 13.1 53.1

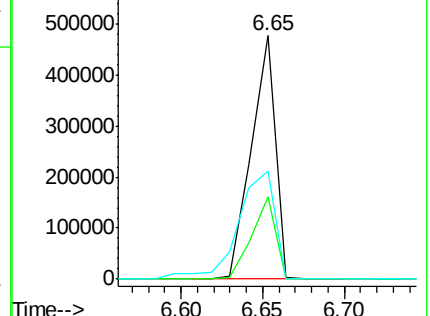
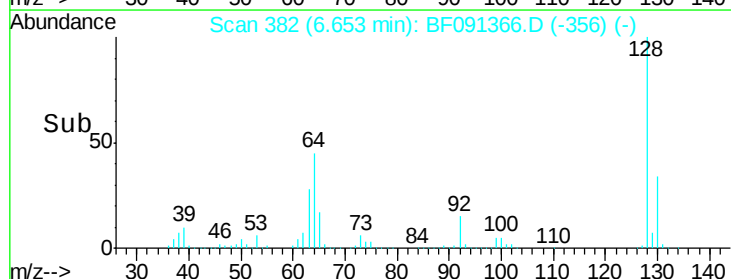
64 44.6 24.1 64.1

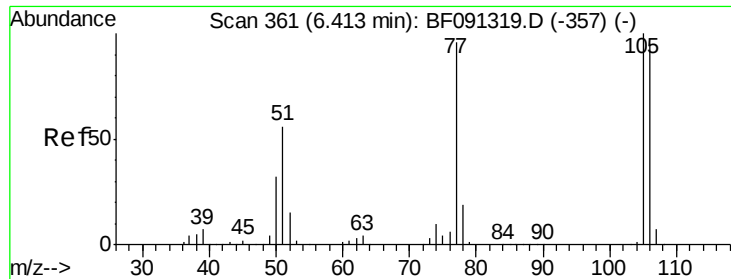


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





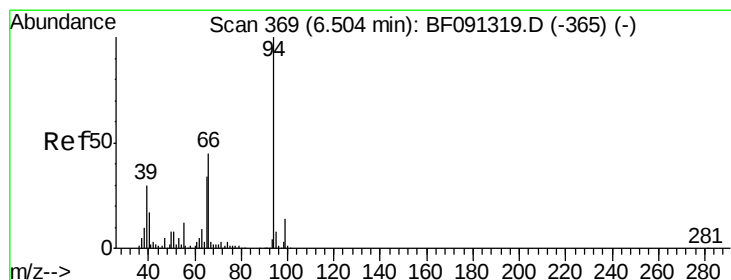
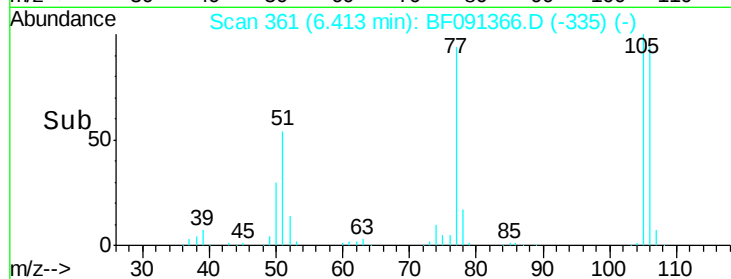
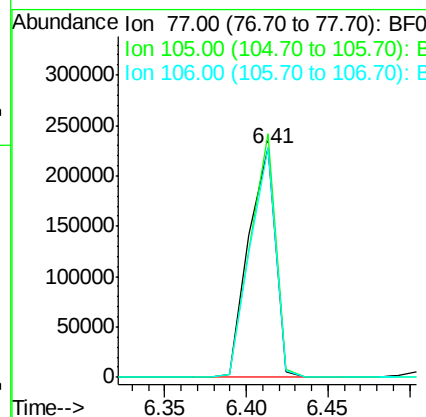
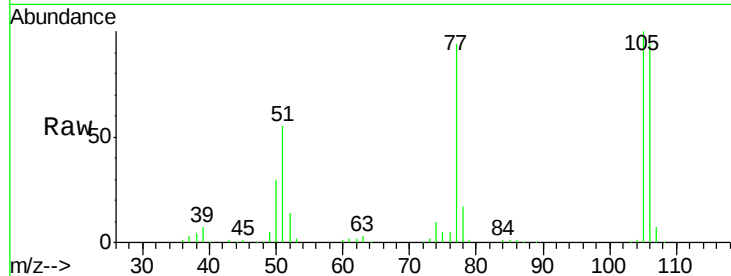
#9
Benzaldehyde
Concen: 29.72 ng
RT: 6.41 min Scan# 361
Delta R.T. -0.01 min
Lab File: BF091366.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	106.2	66.4	106.4		
106	100.1	60.9	100.9		

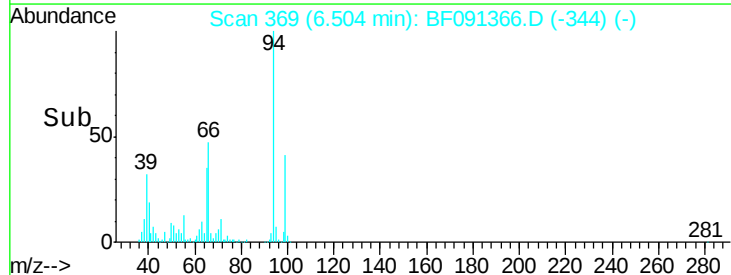
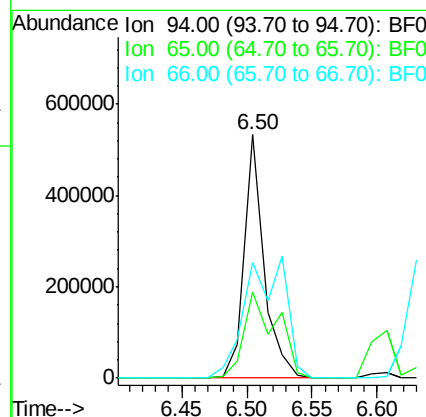
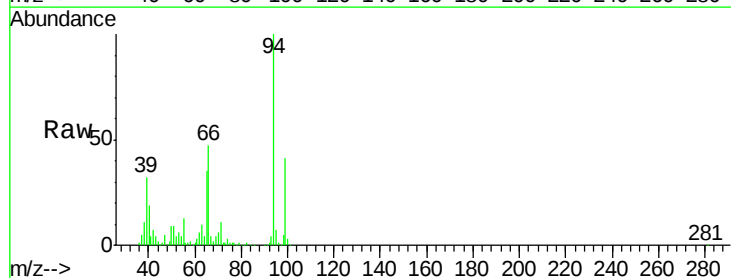
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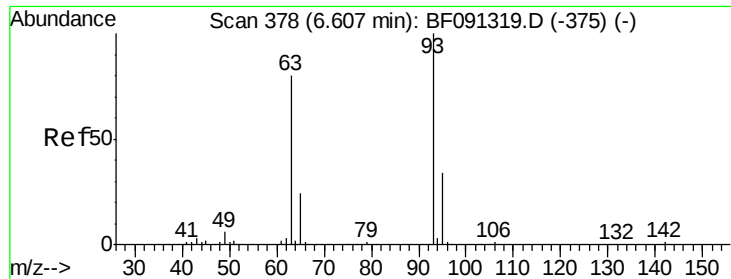
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#10
Phenol
Concen: 34.82 ng
RT: 6.50 min Scan# 369
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	35.4	16.9	56.9		
66	47.3	30.6	70.6		





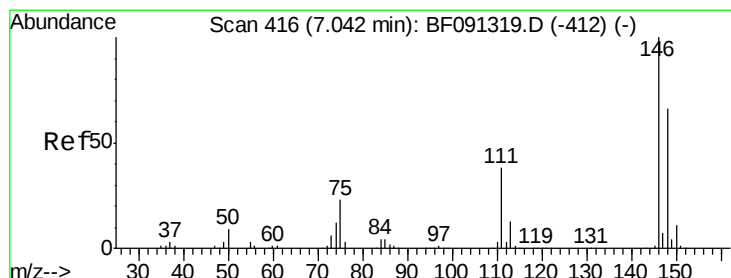
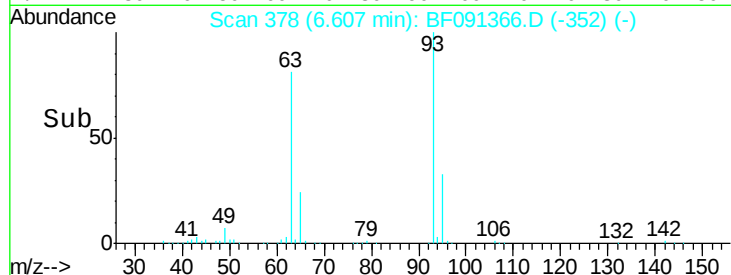
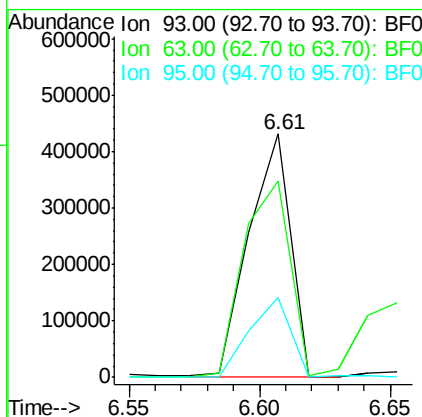
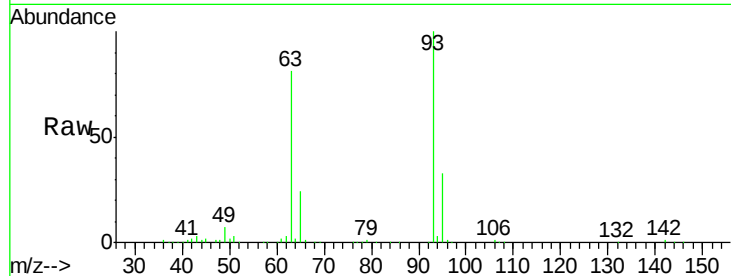
#11
bis(2-Chloroethyl)ether
Concen: 41.46 ng
RT: 6.61 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	473910
Ion	Ratio	Lower	Upper
93	100		
63	80.6	74.8	114.8
95	32.5	12.4	52.4

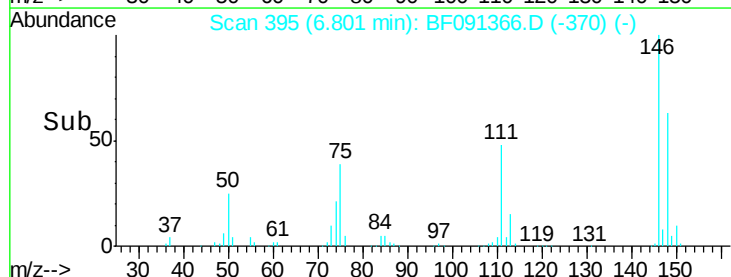
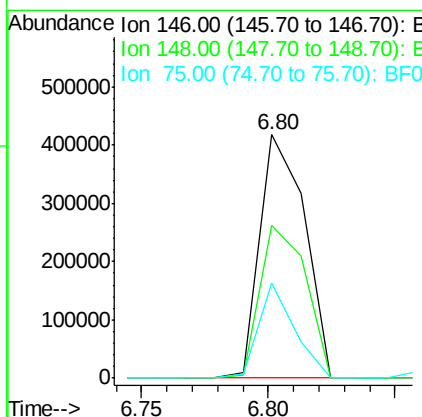
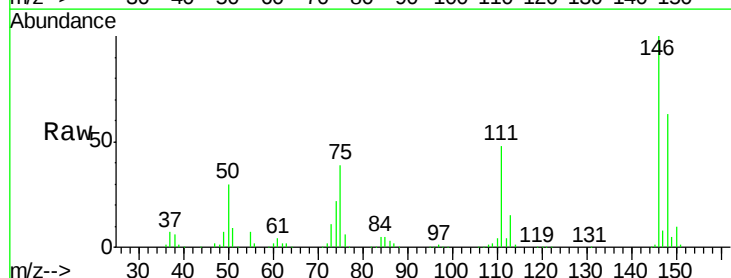
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#12
1,3-Dichlorobenzene
Concen: 38.02 ng m
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion:	146	Resp:	512031
Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.4	77.0
75	39.3	23.6	35.4#





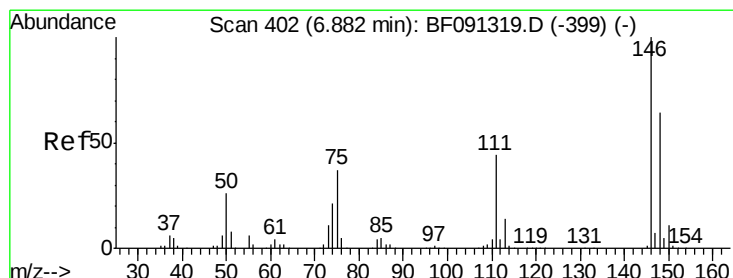
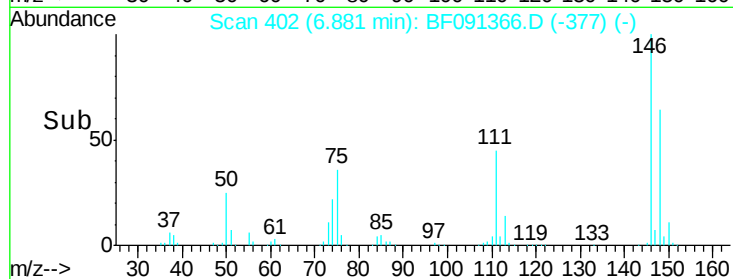
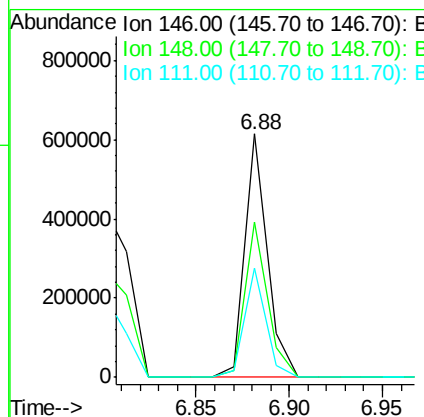
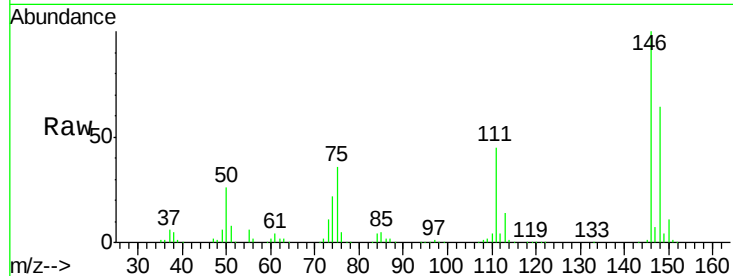
#13
1,4-Dichlorobenzene
Concen: 38.46 ng
RT: 6.88 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
111	45.0	32.2	48.2

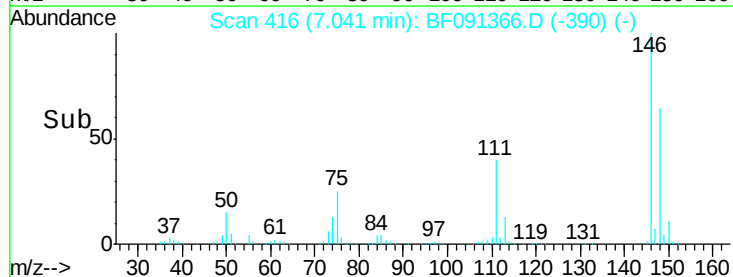
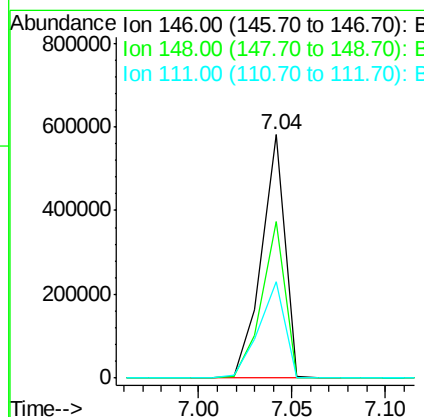
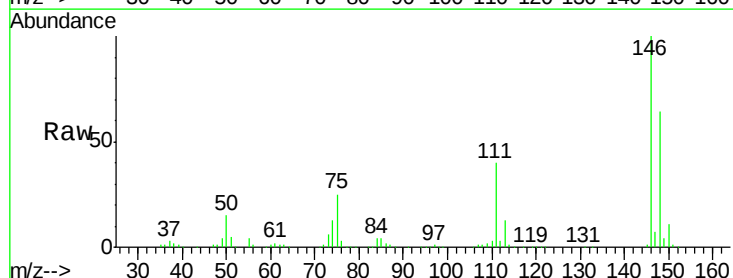
Manual Integrations
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#14
1,2-Dichlorobenzene
Concen: 41.29 ng
RT: 7.04 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.6
111	39.6	38.9	58.3





#15

Benzyl Alcohol

Concen: 39.11 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

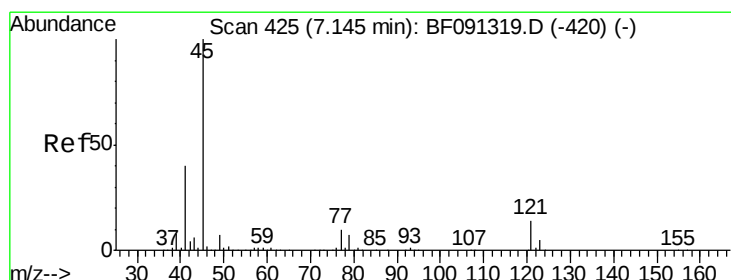
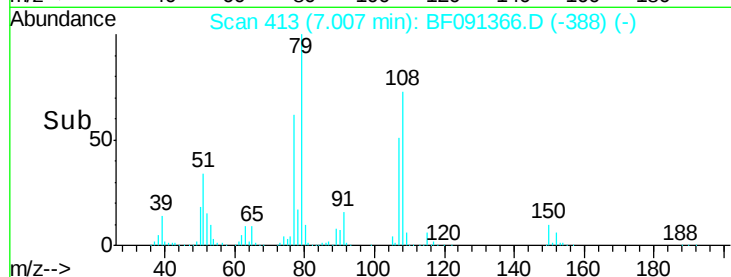
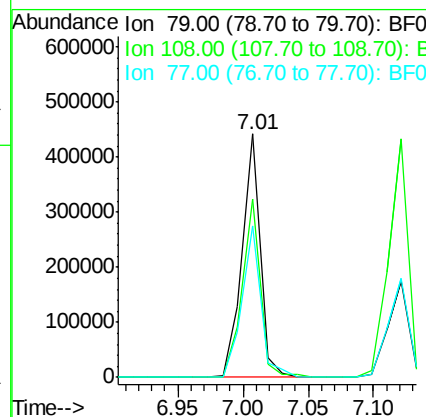
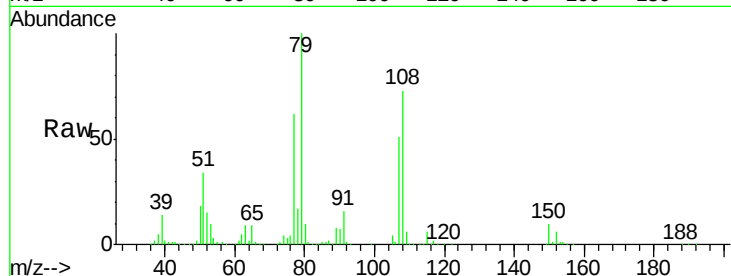
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	425541
Ion	Ratio	Lower	Upper
79	100		
108	73.5	62.7	94.1
77	62.1	51.7	77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.12 ng

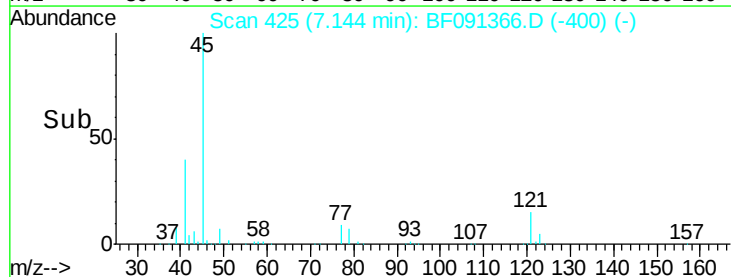
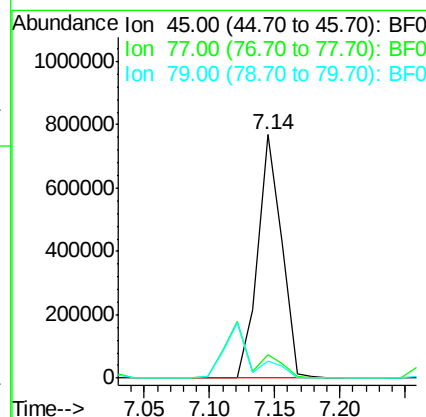
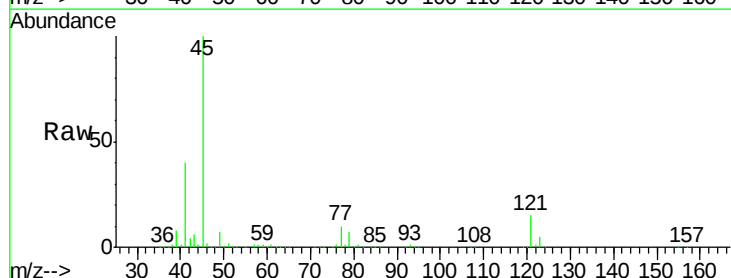
RT: 7.14 min Scan# 425

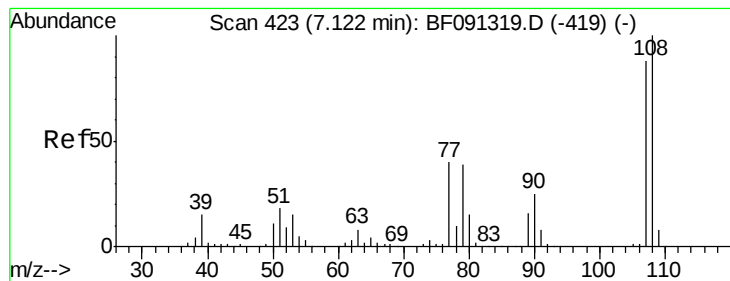
Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Tgt Ion:	45	Resp:	986012
Ion	Ratio	Lower	Upper
45	100		
77	9.5	3.8	43.8
79	7.1	0.2	40.2





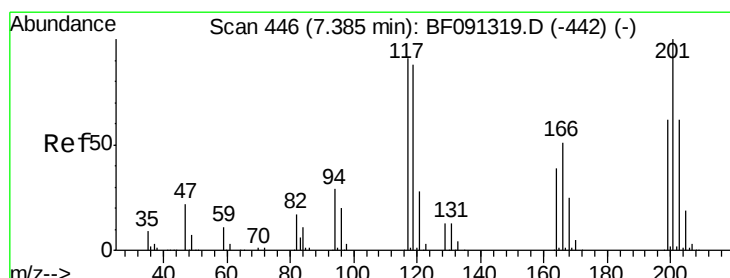
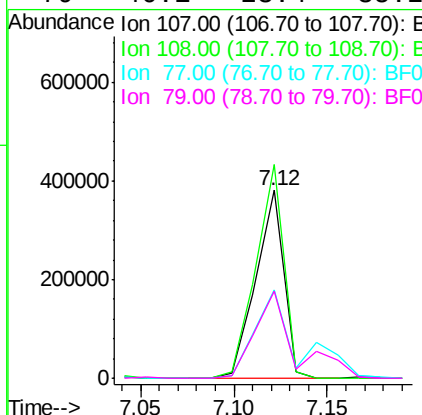
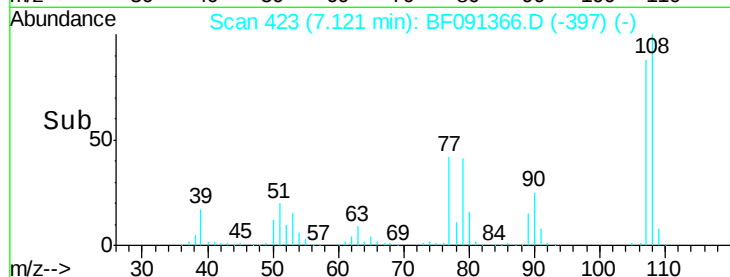
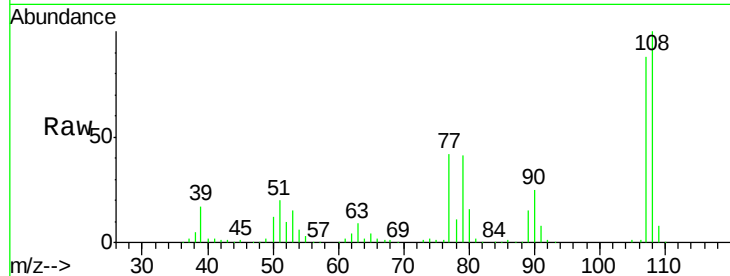
#17
2-Methylphenol
Concen: 40.76 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	67.7	101.5#	
77	47.3	40.7	61.1	
79	46.1	23.4	35.2#	

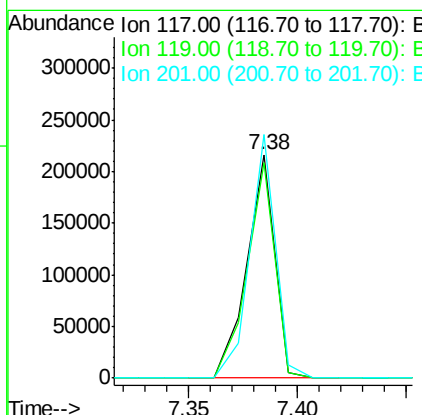
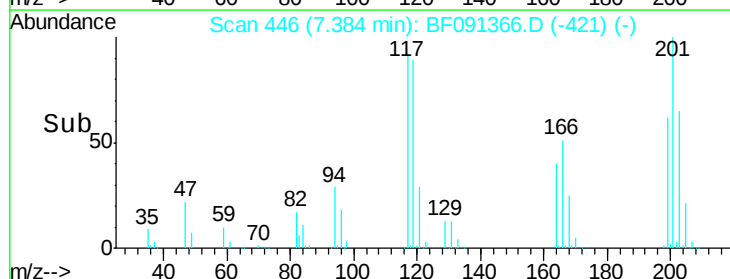
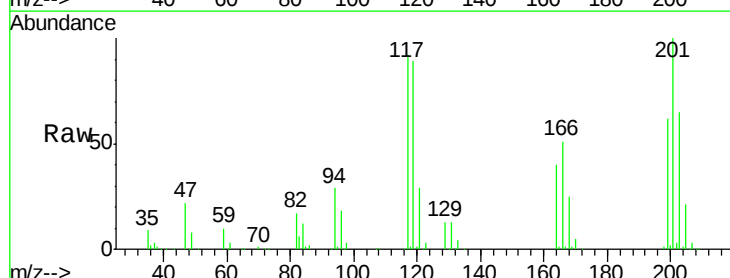
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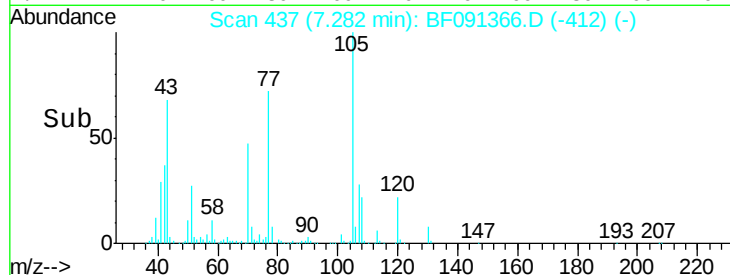
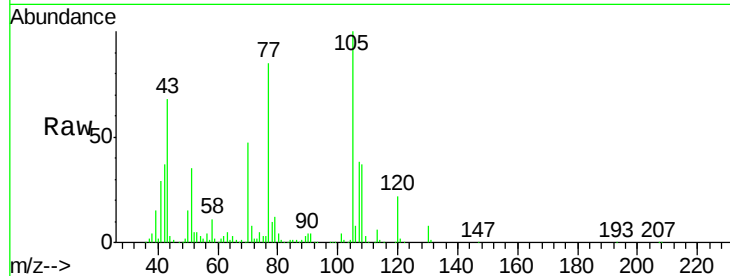
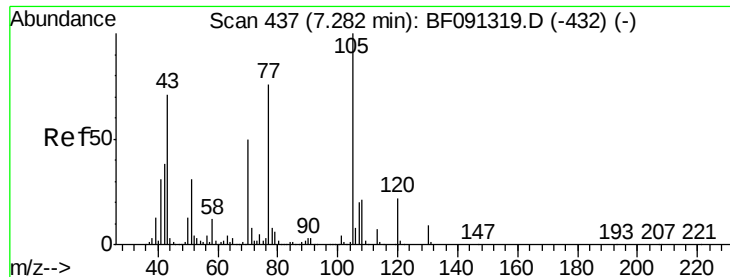
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#18
Hexachloroethane
Concen: 40.21 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	78.6	118.0	
201	109.0	86.7	130.1	





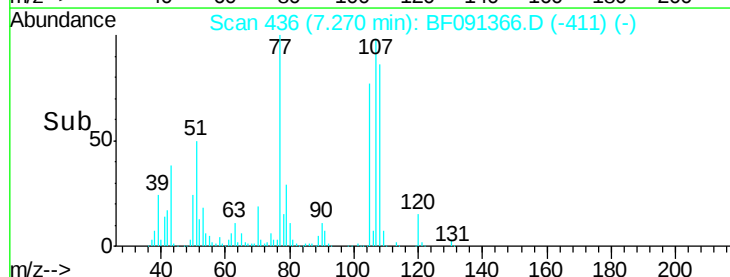
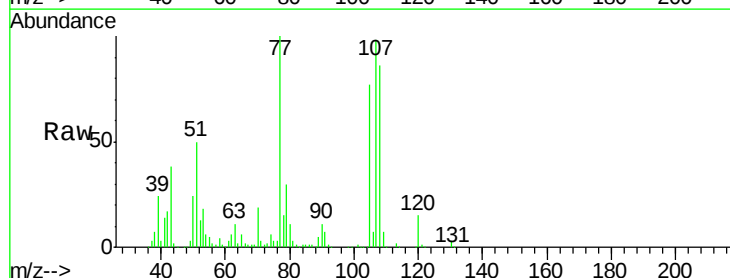
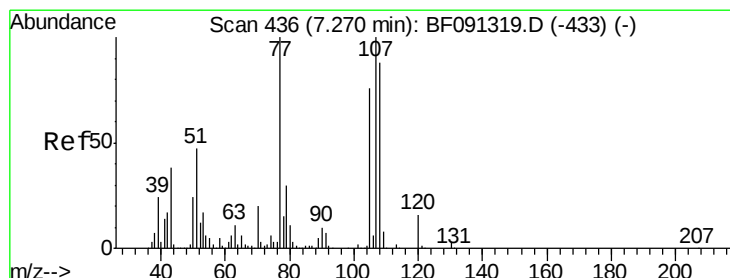
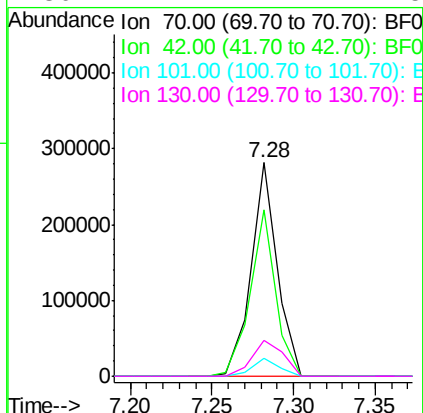
#19
n-Nitroso-di-n-propylamine
Concen: 36.58 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	77.8	64.8	97.2	
101	8.4	6.2	9.4	
130	17.1	11.7	17.5	

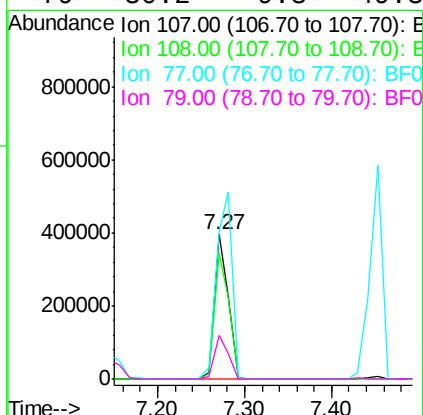
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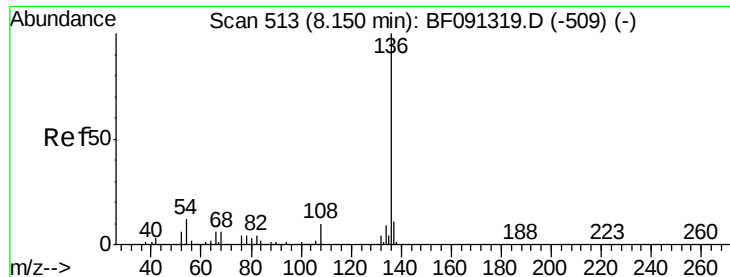
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#20
3+4-Methylphenols
Concen: 37.95 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.2	64.6	104.6	
77	101.7	30.9	70.9	
79	30.2	9.3	49.3	





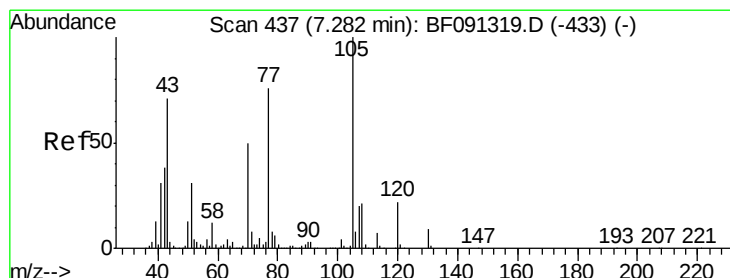
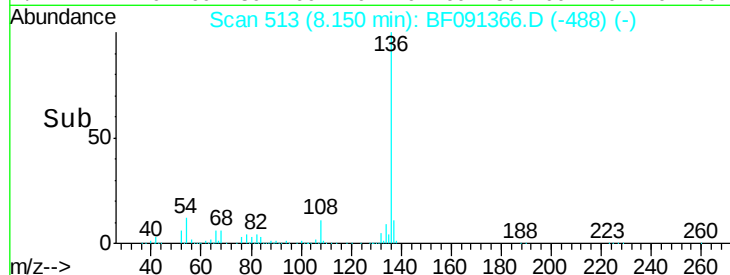
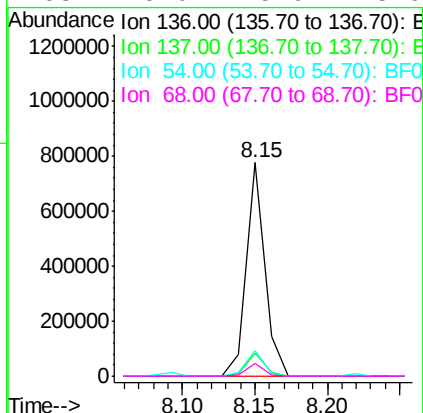
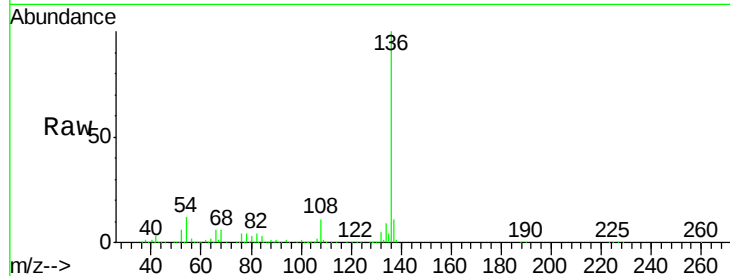
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	688048		
137	10.9		9.1	13.7
54	11.7		9.1	13.7
68	6.0		5.9	8.9

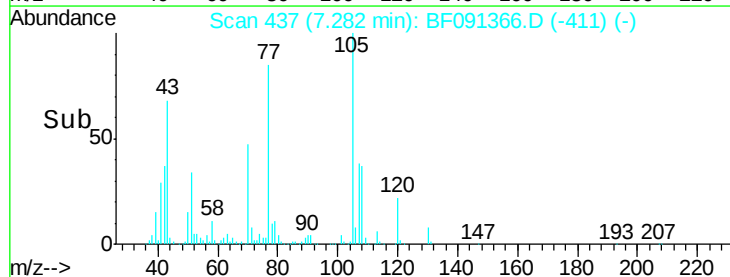
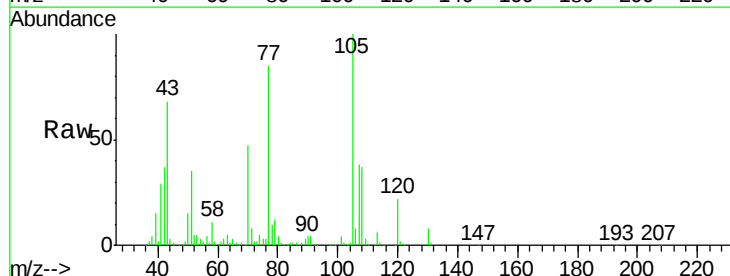
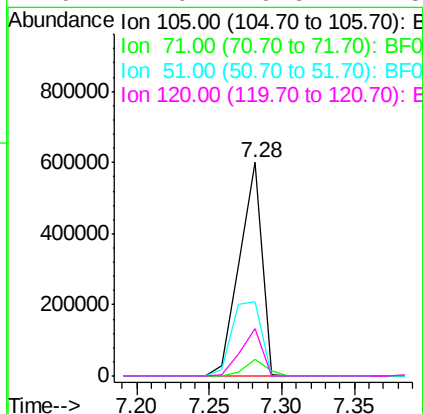
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#22
Acetophenone
Concen: 39.71 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	647603		
71	7.7		7.9	11.9#
51	34.7		24.5	36.7
120	22.0		16.6	24.8





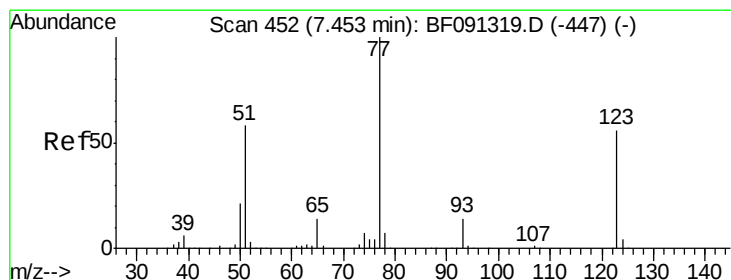
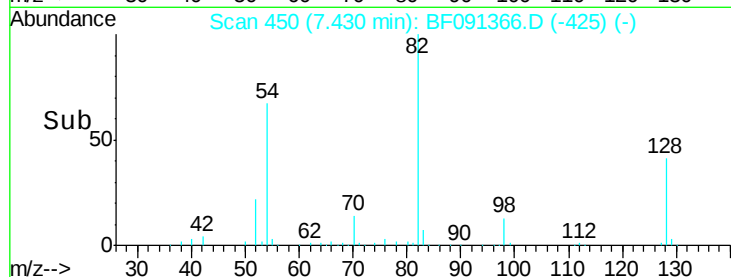
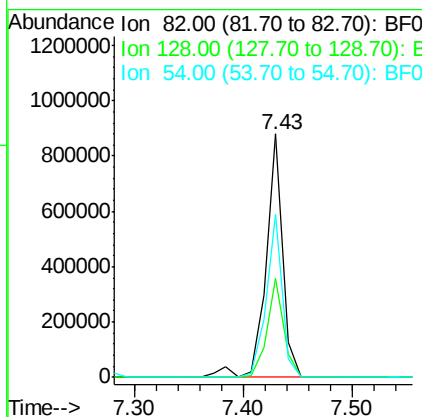
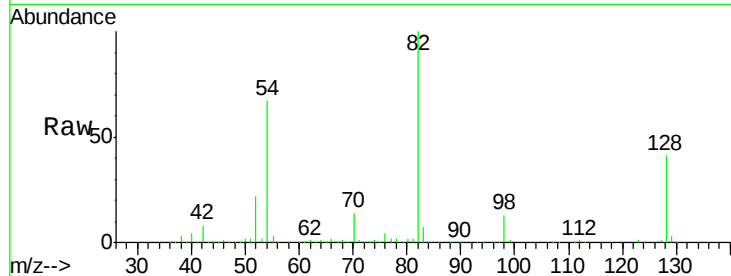
#23
Nitrobenzene-d5
Concen: 76.78 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	31.8	47.6
54	67.2	49.1	73.7

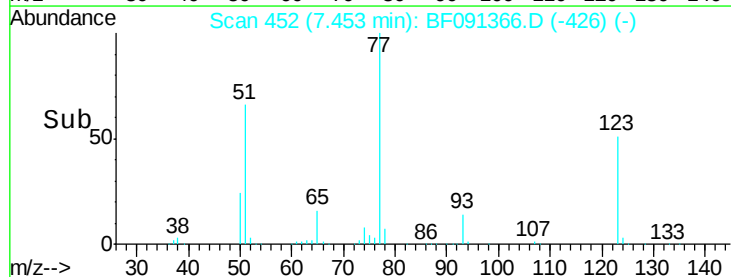
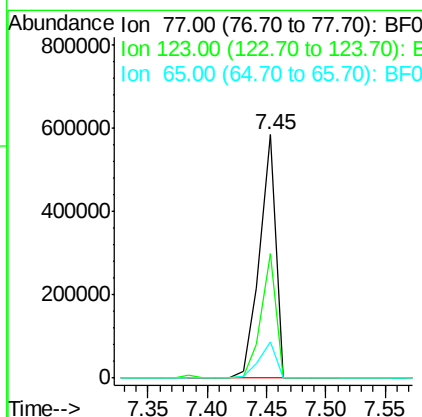
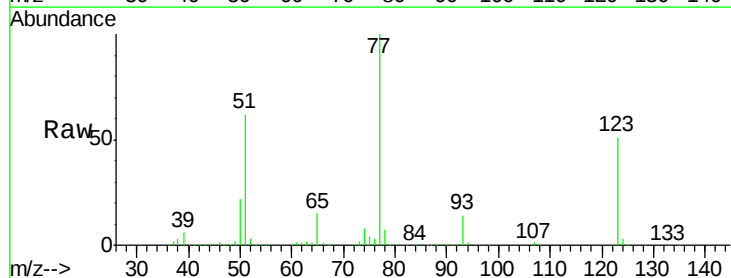
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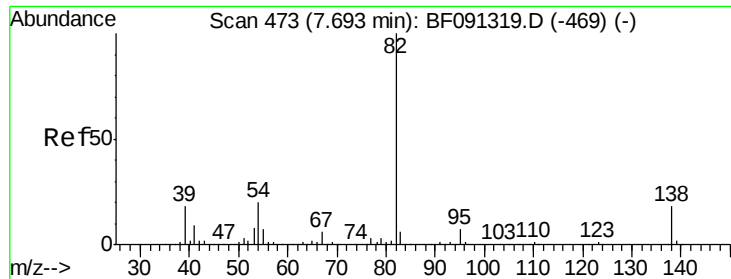
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#24
Nitrobenzene
Concen: 44.91 ng
RT: 7.45 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.1	28.5	42.7#
65	14.9	12.5	18.7





#25

Isophorone

Concen: 40.98 ng

RT: 7.69 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

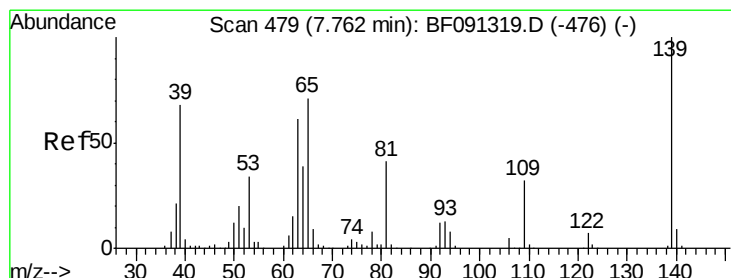
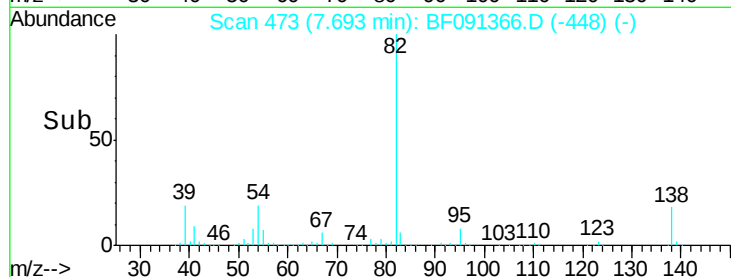
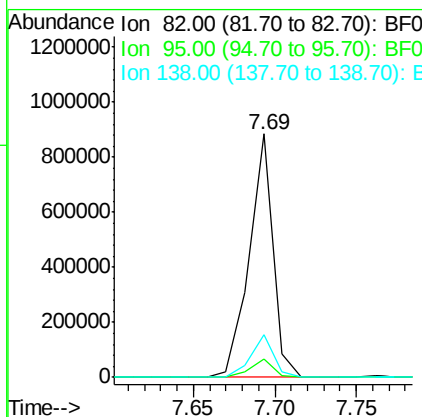
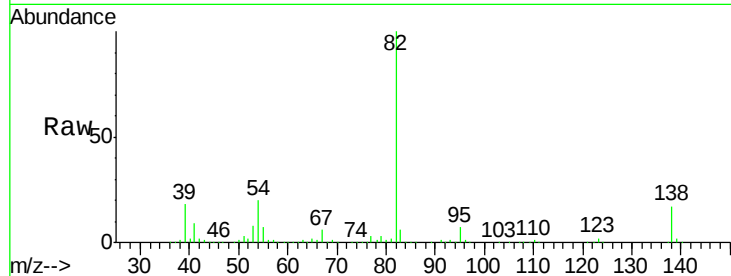
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	891402
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.7	8.5
138	17.4	13.4	20.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.60 ng

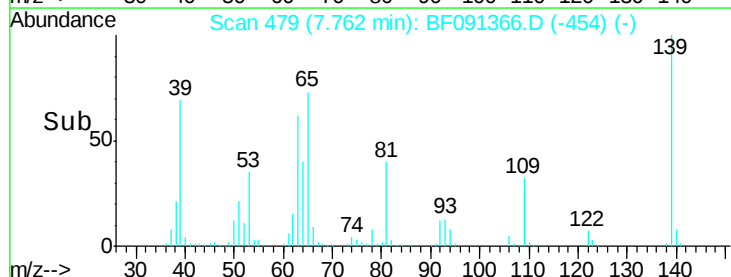
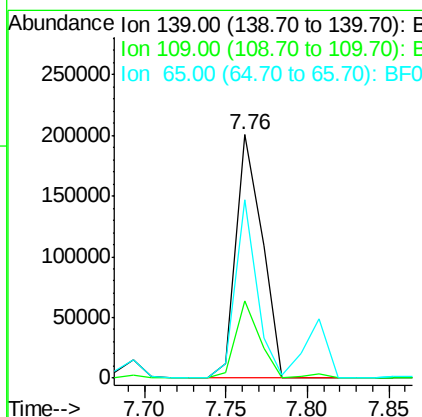
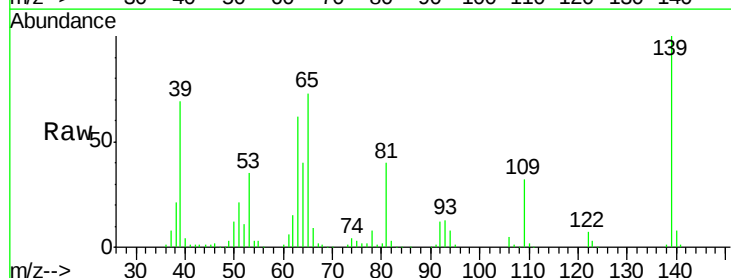
RT: 7.76 min Scan# 479

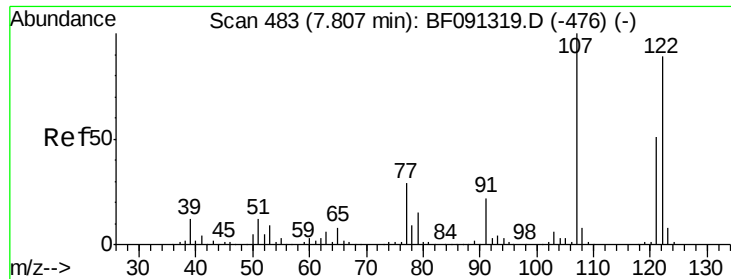
Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Tgt Ion:	139	Resp:	221135
Ion Ratio	Lower	Upper	
139	100		
109	31.9	25.3	37.9
65	73.4	55.4	83.2





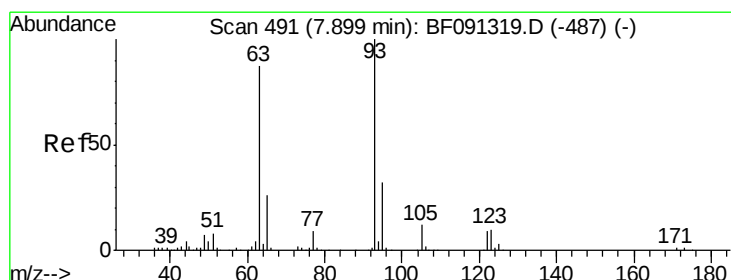
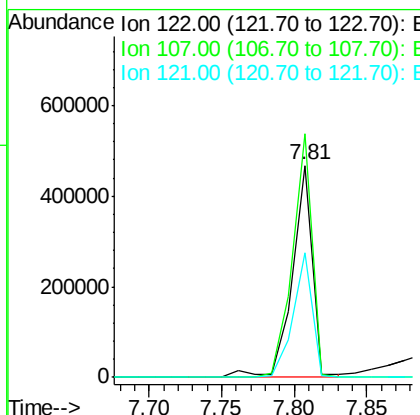
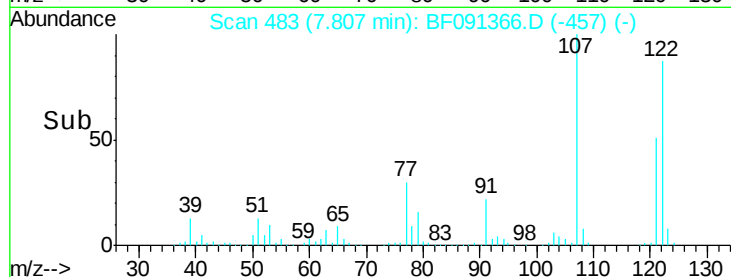
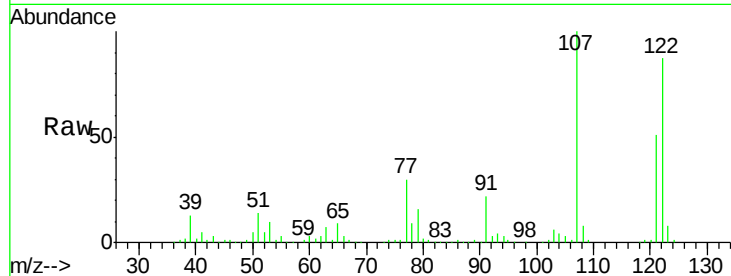
#27
2,4-Dimethylphenol
Concen: 42.02 ng
RT: 7.81 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	450251		
107	114.8	96.8	145.2	
121	58.9	47.7	71.5	

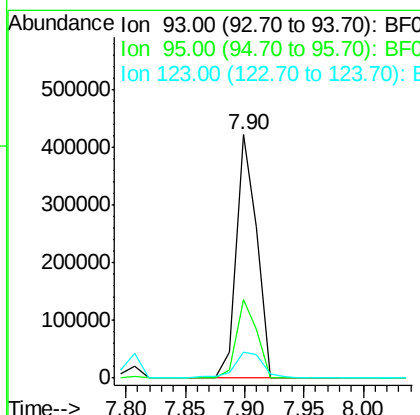
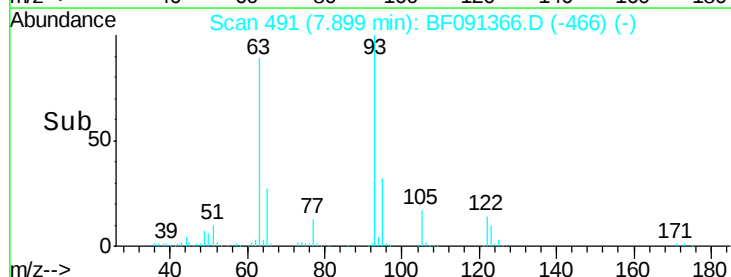
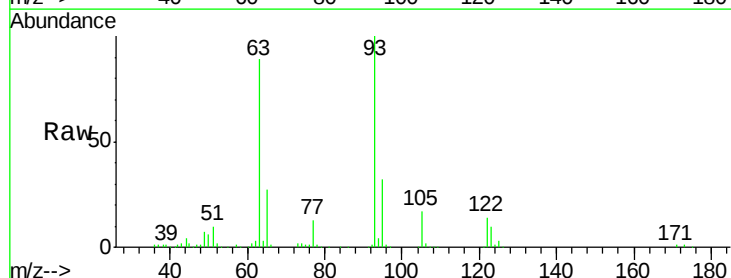
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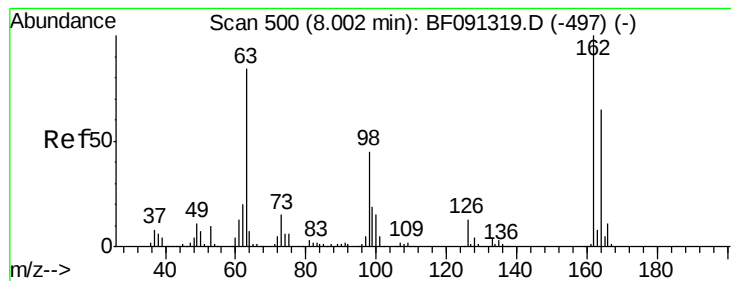
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#28
bis(2-Chloroethoxy)methane
Concen: 38.43 ng
RT: 7.90 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	503185		
95	32.3	26.0	39.0	
123	10.5	8.6	12.8	





#29

2,4-Dichlorophenol

Concen: 37.89 ng

RT: 8.00 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:162 Resp: 357229

Ion Ratio Lower Upper

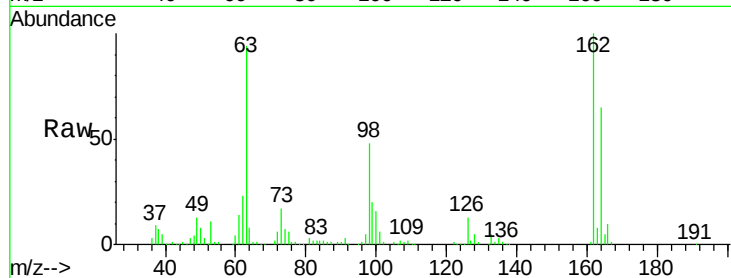
162 100

164 64.7 45.0 85.0

98 48.2 21.3 61.3

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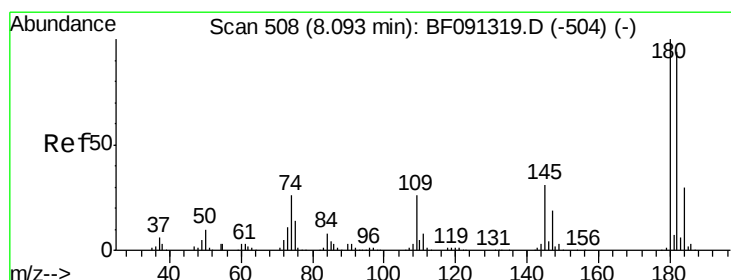
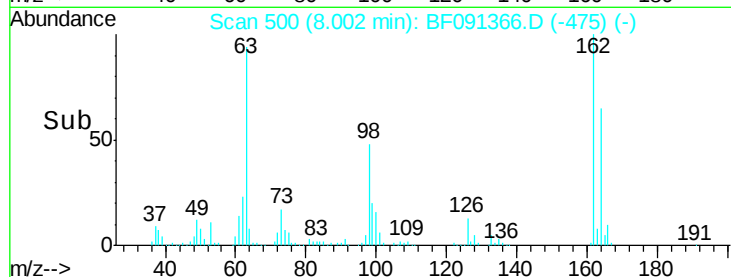
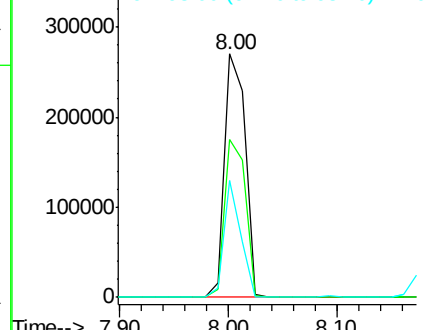
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.82 ng

RT: 8.09 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

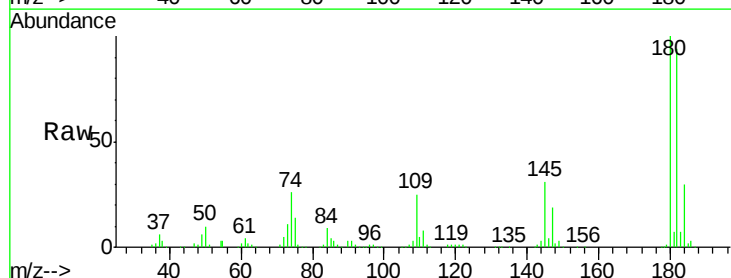
Tgt Ion:180 Resp: 431366

Ion Ratio Lower Upper

180 100

182 94.2 75.8 113.8

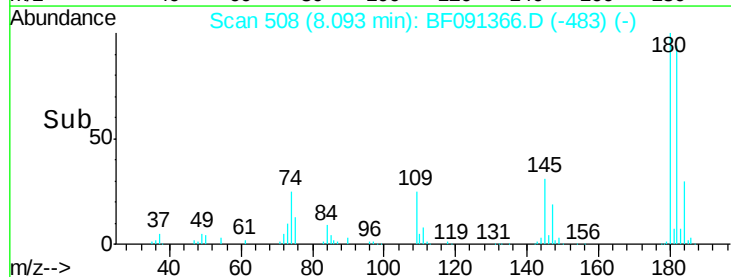
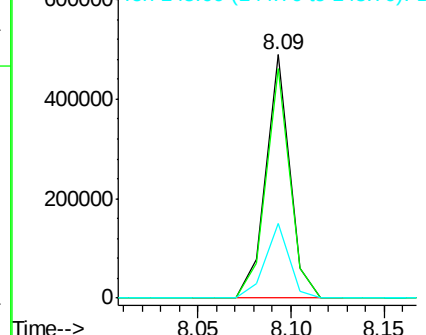
145 30.8 27.0 40.4

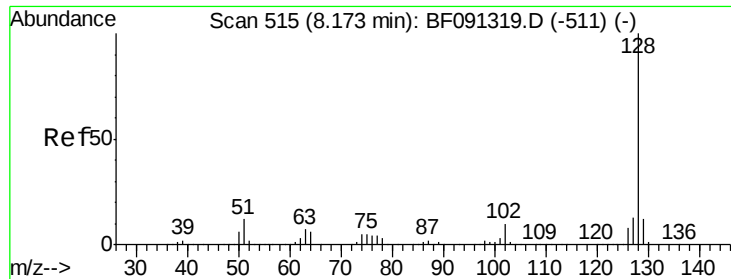


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





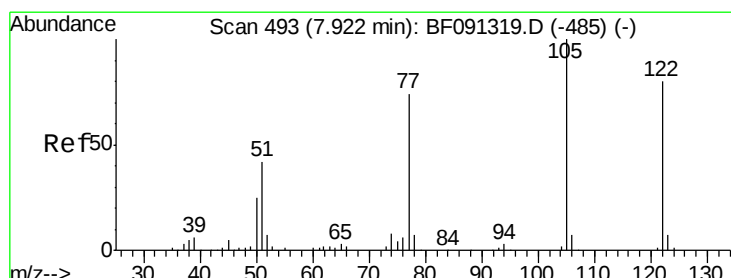
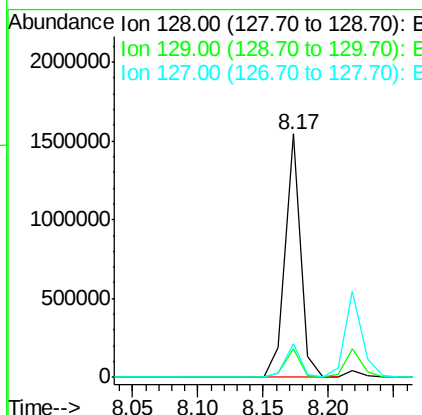
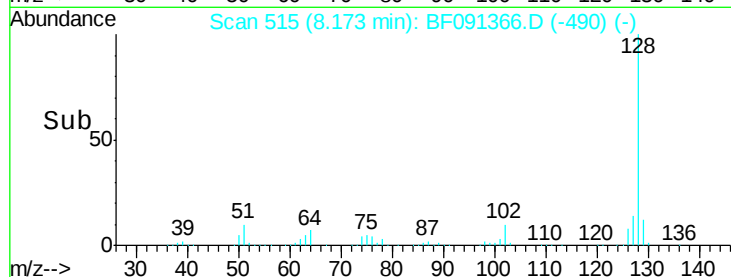
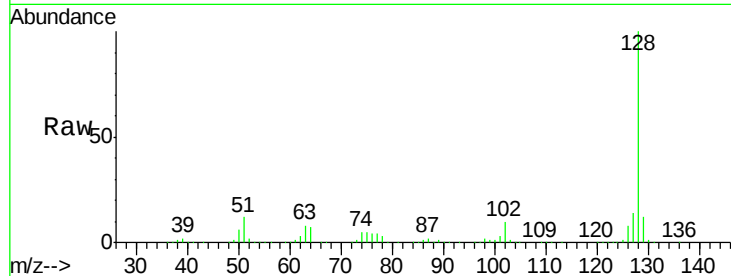
#31
Naphthalene
Concen: 39.33 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.7	11.0	16.4

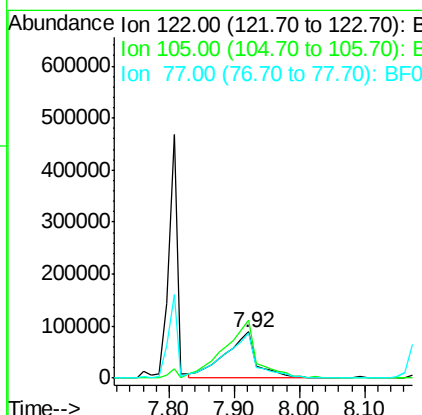
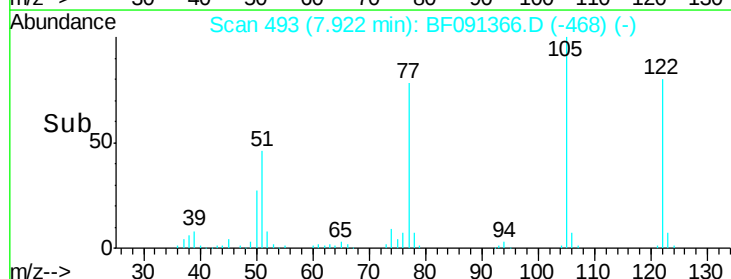
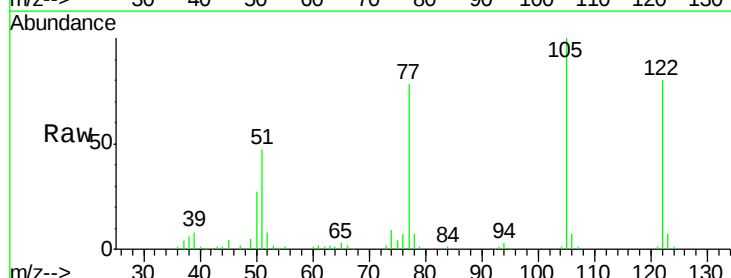
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#32
Benzoic acid
Concen: 37.74 ng
RT: 7.92 min Scan# 493
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.7	113.0	153.0
77	97.0	82.0	122.0





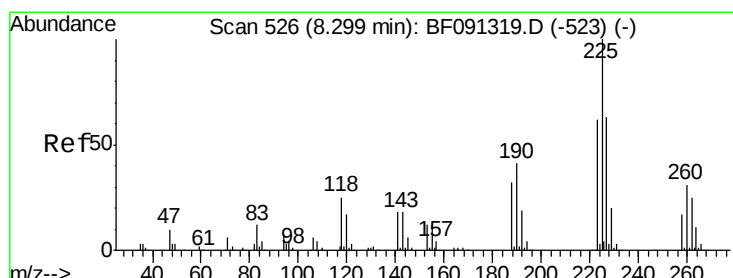
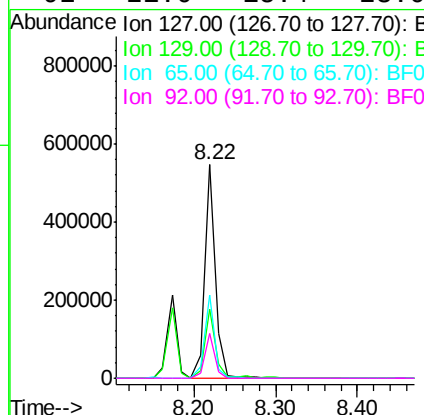
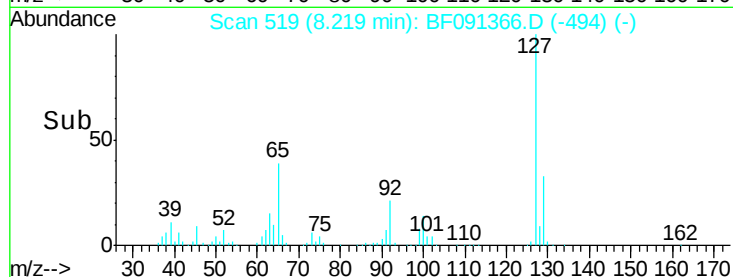
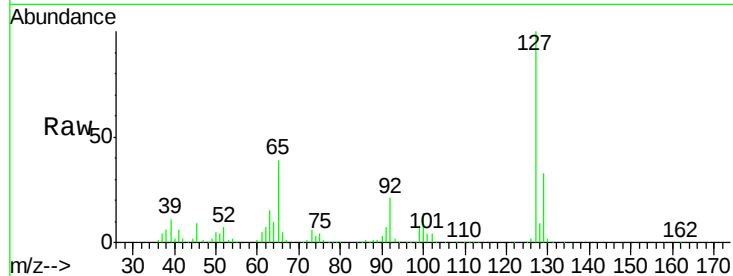
#33
4-Chloroaniline
Concen: 36.48 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.2	39.4		
65	39.2	26.6	39.8		
92	21.0	15.4	23.0		

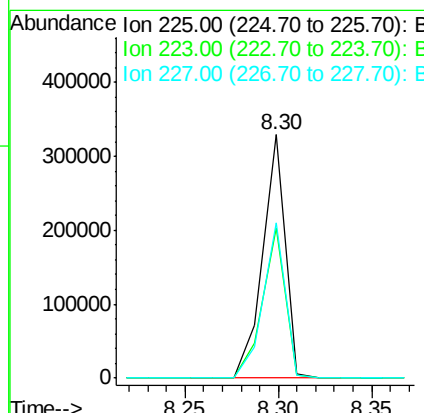
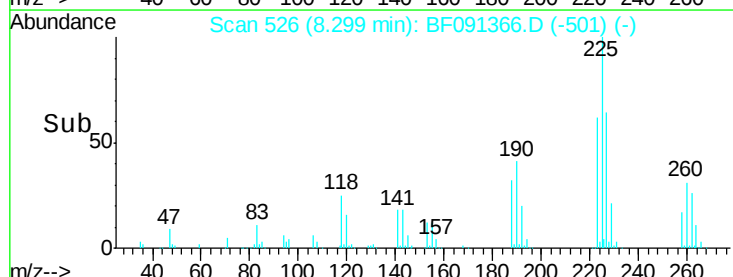
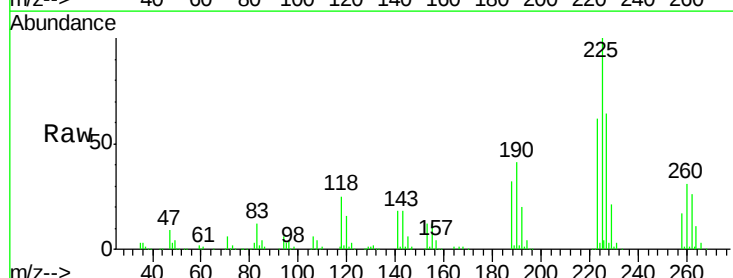
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#34
Hexachlorobutadiene
Concen: 43.01 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.6	49.8	74.6		
227	63.9	52.6	79.0		





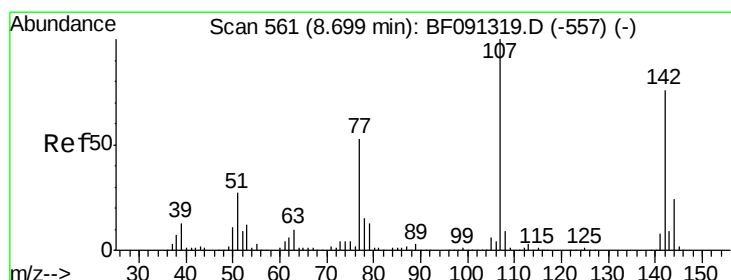
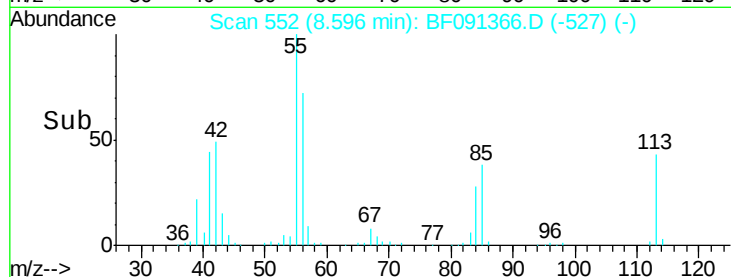
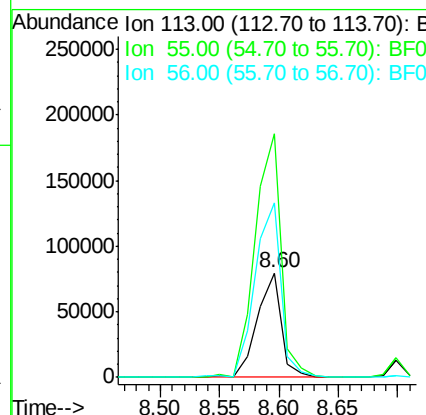
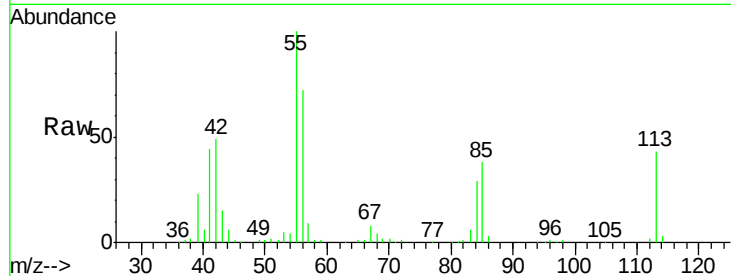
#35
 Caprolactam
 Concen: 41.75 ng
 RT: 8.60 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	233.1	239.8	279.8#
56	167.2	165.6	205.6

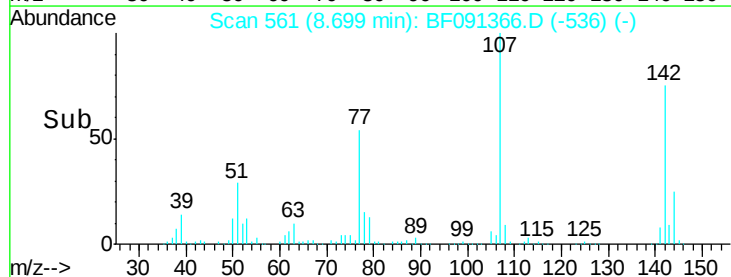
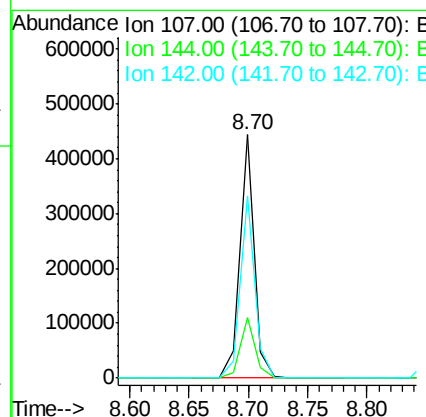
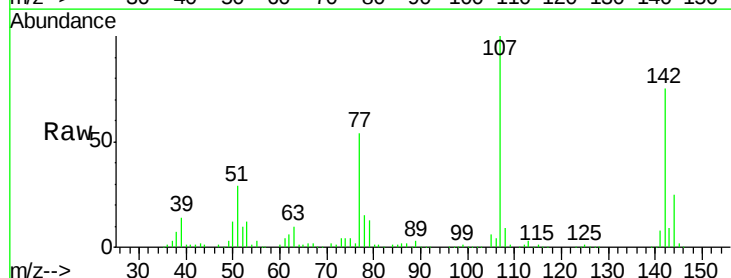
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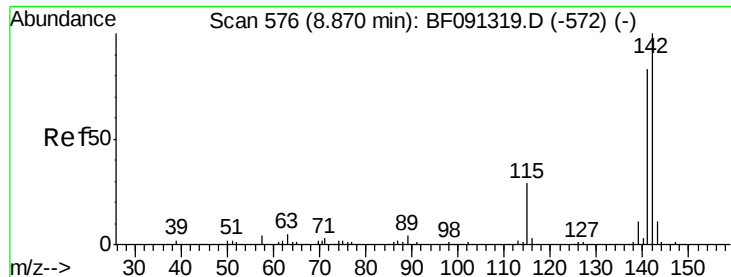
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#36
 4-Chloro-3-methylphenol
 Concen: 36.88 ng
 RT: 8.70 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	18.9	28.3
142	74.8	58.5	87.7





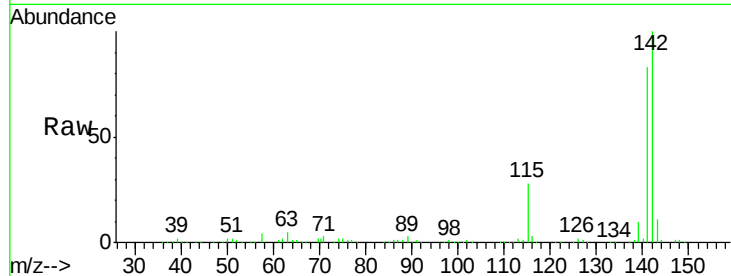
#37
2-Methylnaphthalene
Concen: 38.44 ng
RT: 8.87 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

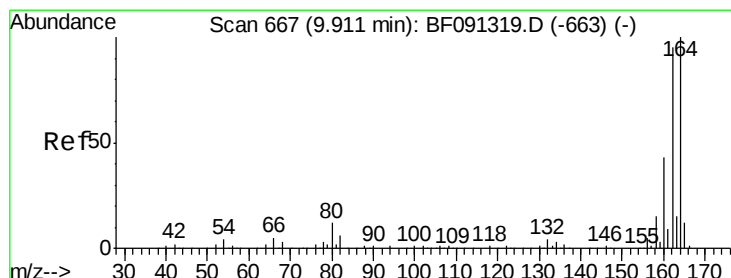
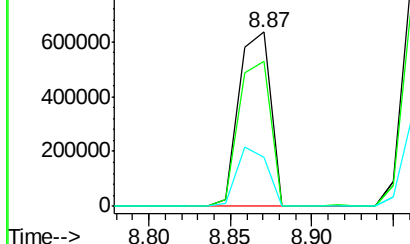
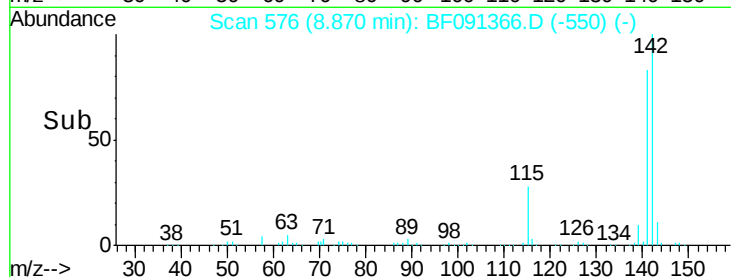
Tot Ion	Ratio	Lower	Upper
142	100		
141	83.0	71.7	107.5
115	28.2	25.0	37.6

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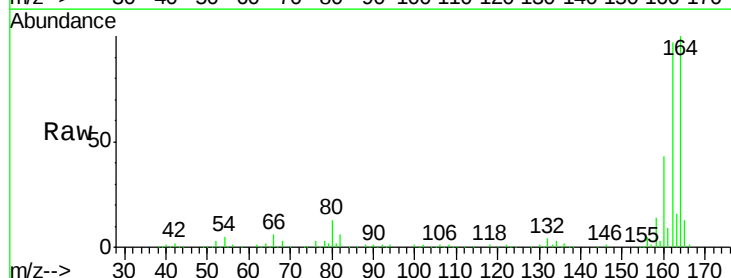


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

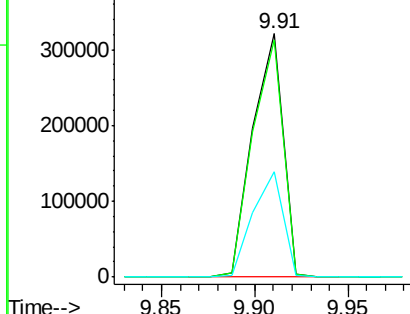
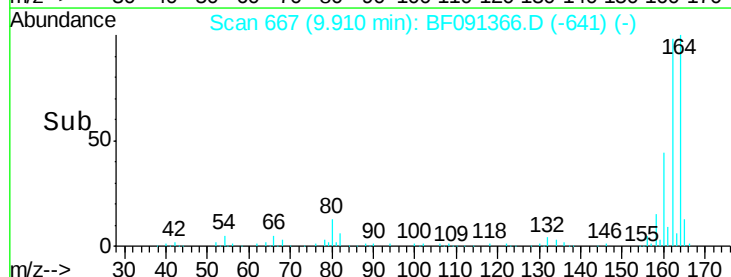


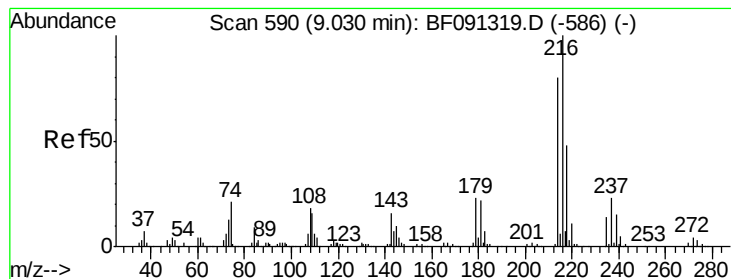
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.2	82.6	124.0
160	43.2	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: 40.79 ng

RT: 9.03 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

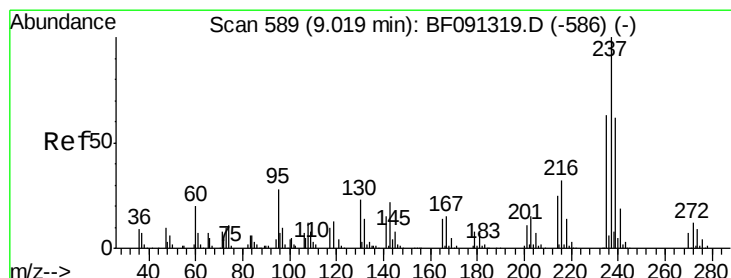
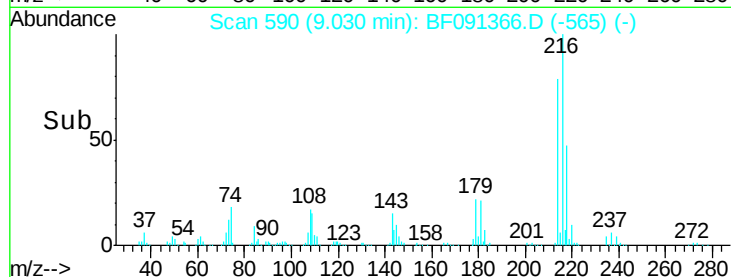
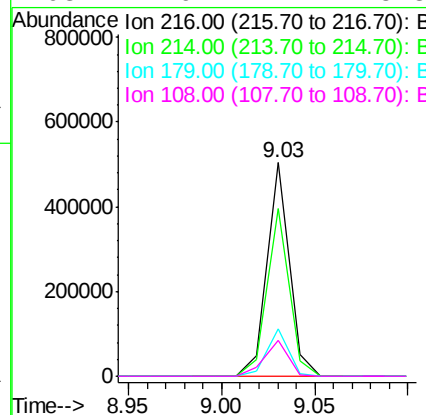
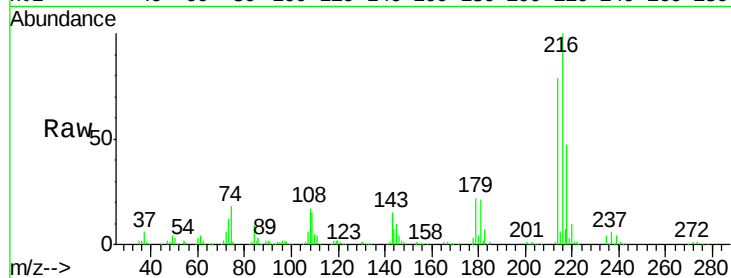
ClientSampleId :

SSTDCCC040

Tot Ion:	216	Resp:	414854
Ion Ratio		Lower	Upper
216	100		
214	78.4	63.8	95.8
179	21.7	18.2	27.2
108	17.9	17.2	25.8

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#40

Hexachlorocyclopentadiene

Concen: 19.14 ng

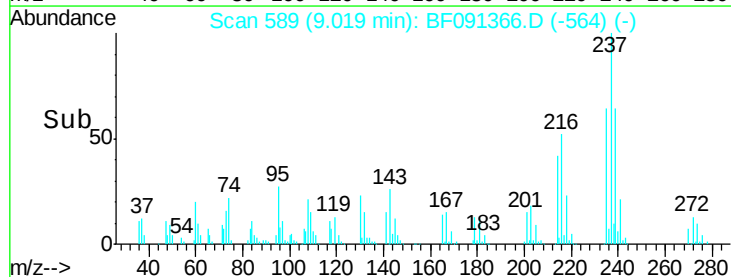
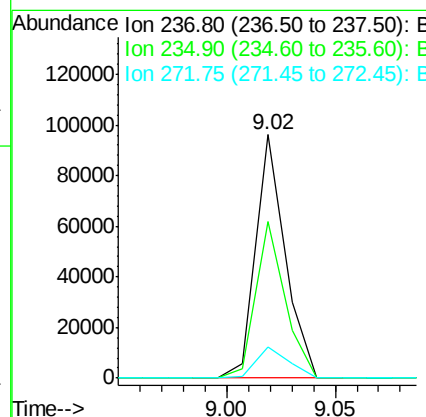
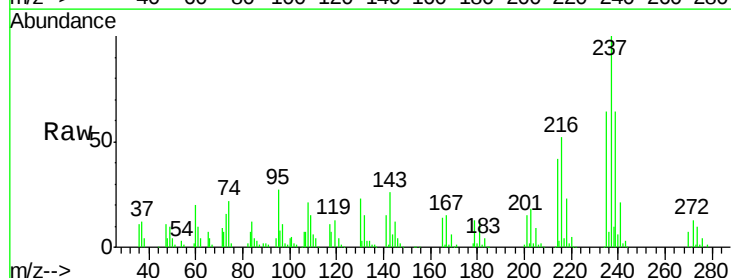
RT: 9.02 min Scan# 589

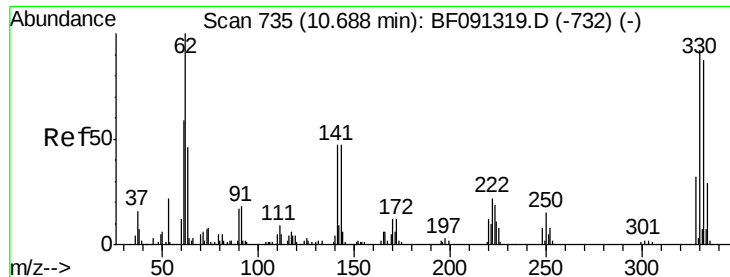
Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Tgt Ion:	237	Resp:	90226
Ion Ratio		Lower	Upper
237	100		
235	64.3	43.9	83.9
272	12.8	0.0	33.1





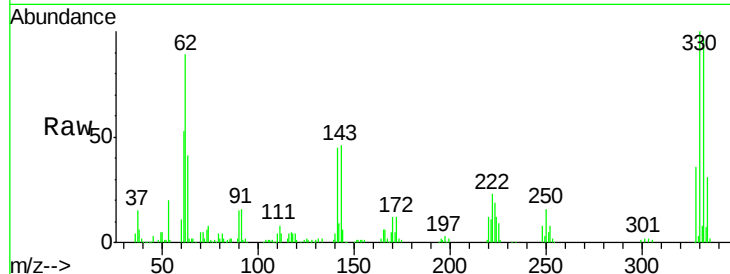
#41
 2,4,6-Tribromophenol
 Concen: 65.51 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

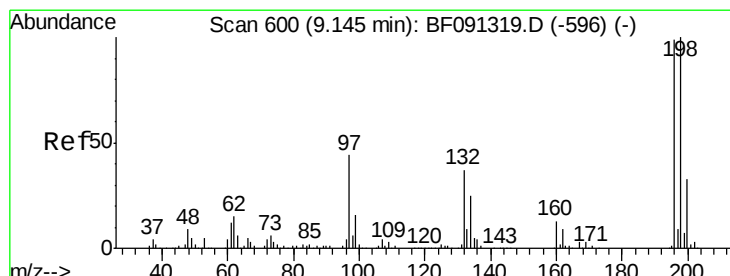
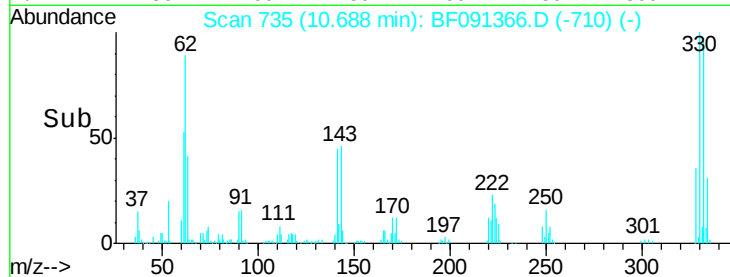
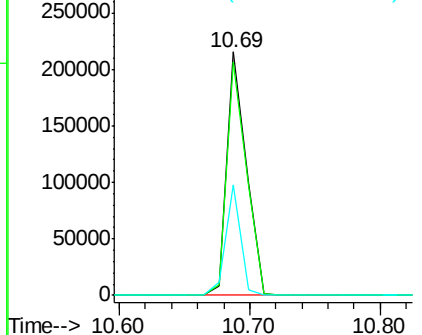
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.2	114.4
141	35.5	33.6	50.4

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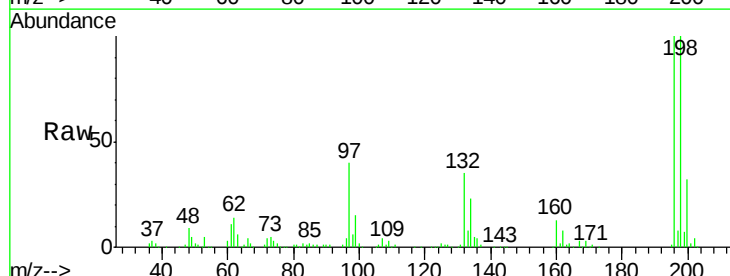


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

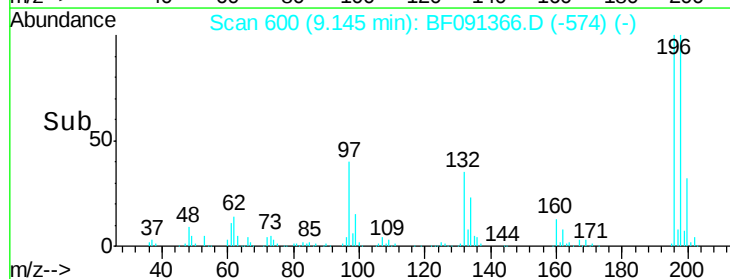
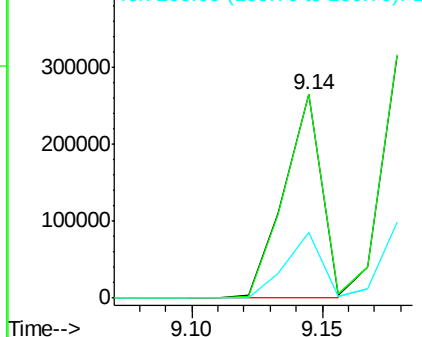


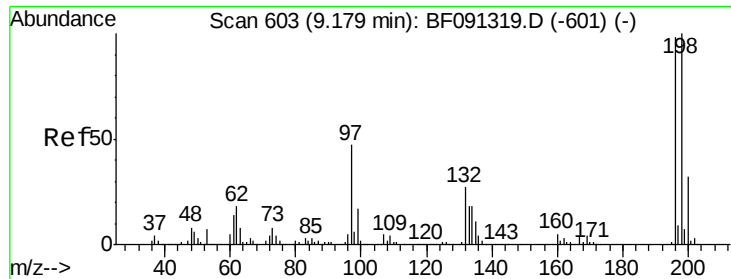
#42
 2,4,6-Trichlorophenol
 Concen: 39.80 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.9	77.4	116.0
200	32.1	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





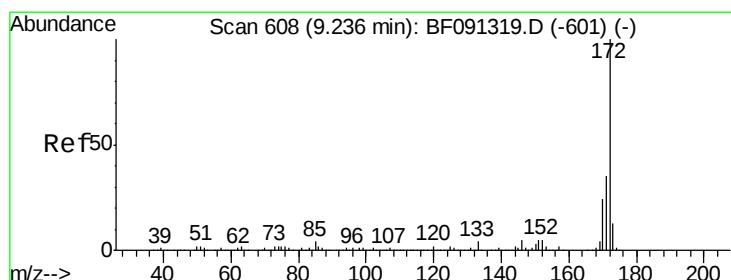
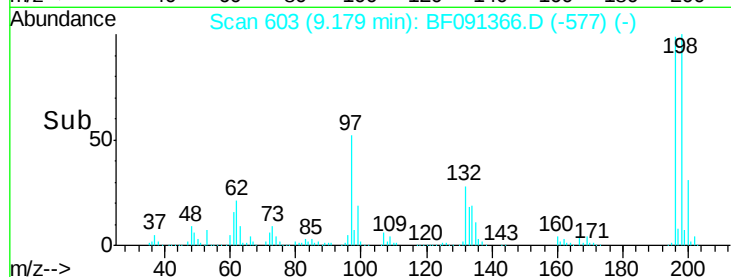
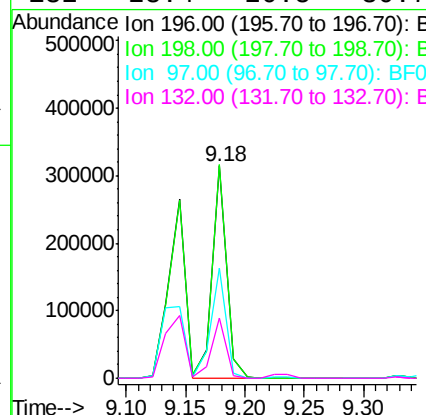
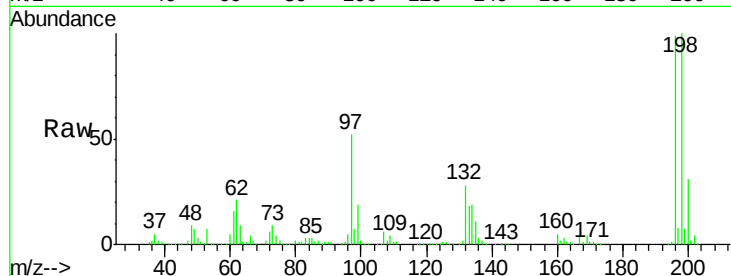
#43
2,4,5-Trichlorophenol
Concen: 40.15 ng
RT: 9.18 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		265952		
198	100.6	77.0	115.6		
97	52.0	33.5	50.3		
132	28.4	20.5	30.7		

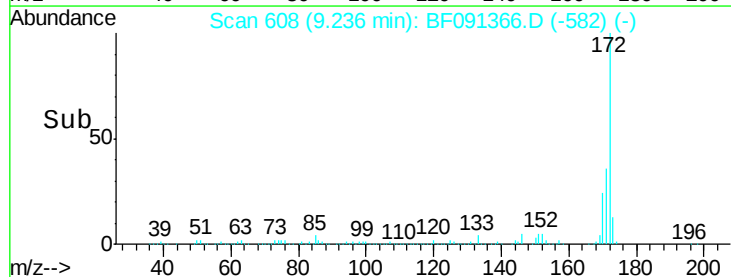
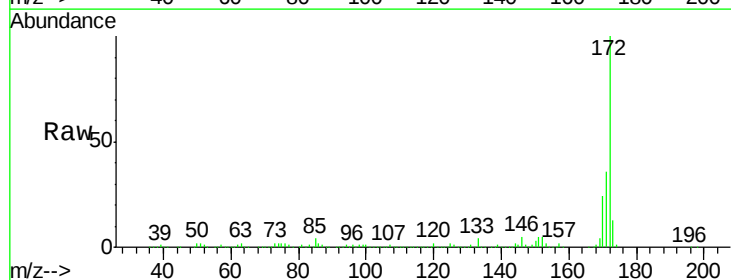
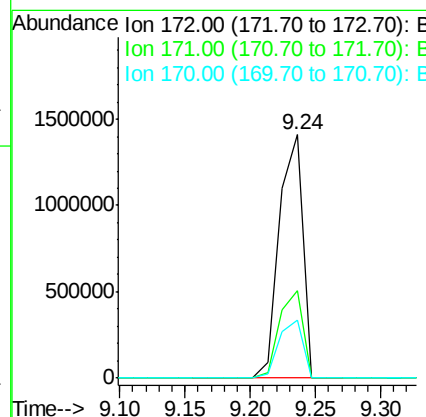
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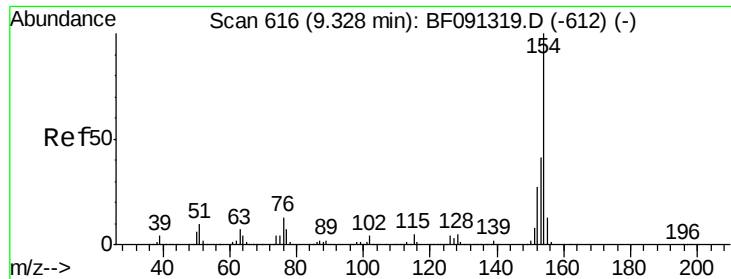
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#44
2-Fluorobiphenyl
Concen: 89.78 ng
RT: 9.24 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1788649		
171	35.8	29.4	44.0		
170	23.8	19.7	29.5		





#45

1,1'-Biphenyl

Concen: 38.70 ng

RT: 9.33 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1003751

Ion Ratio Lower Upper

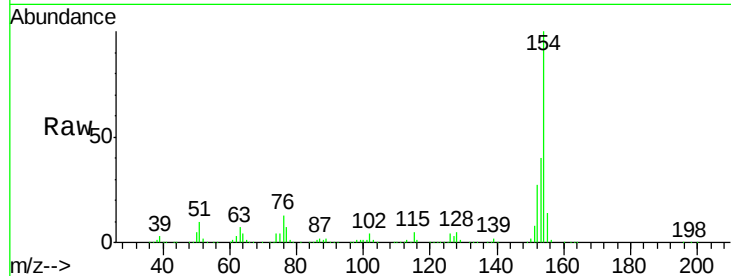
154 100

153 40.1 20.6 60.6

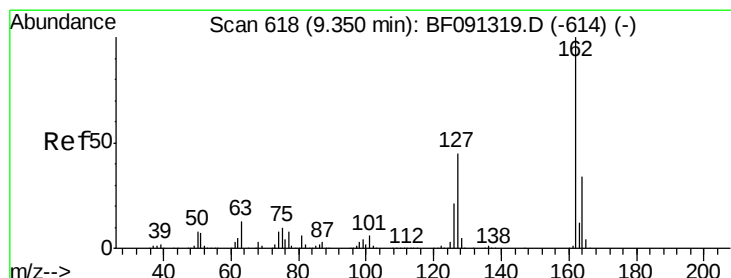
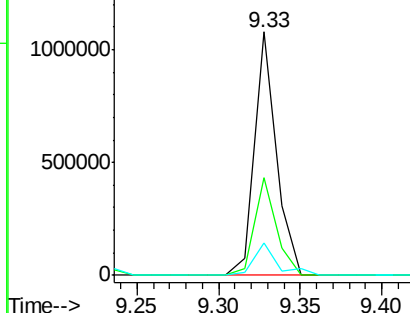
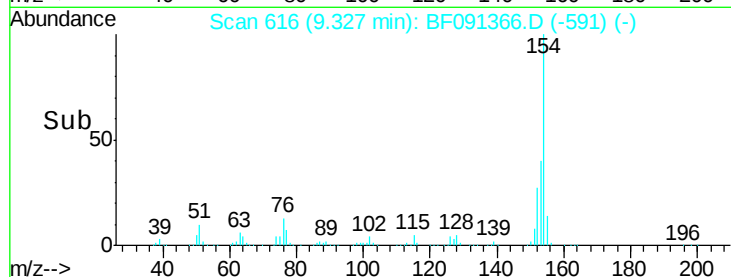
76 13.1 0.0 36.6

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



#46

2-Chloronaphthalene

Concen: 37.72 ng

RT: 9.35 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

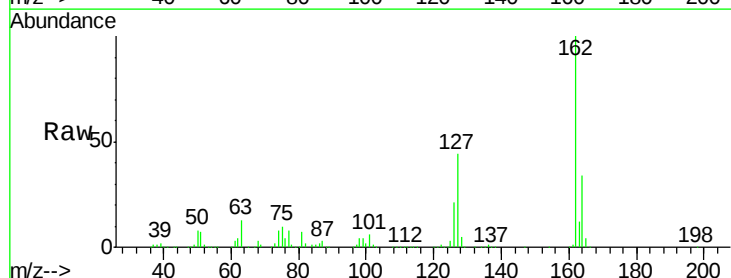
Tgt Ion:162 Resp: 728595

Ion Ratio Lower Upper

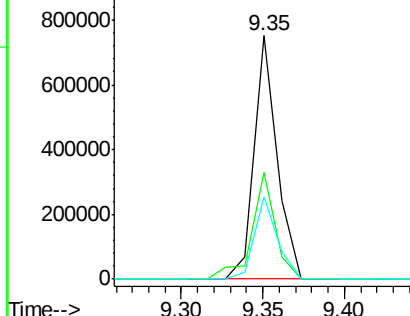
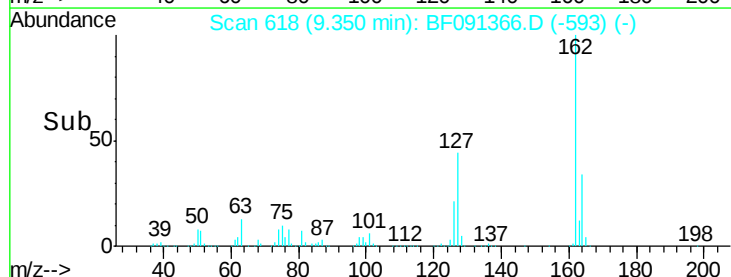
162 100

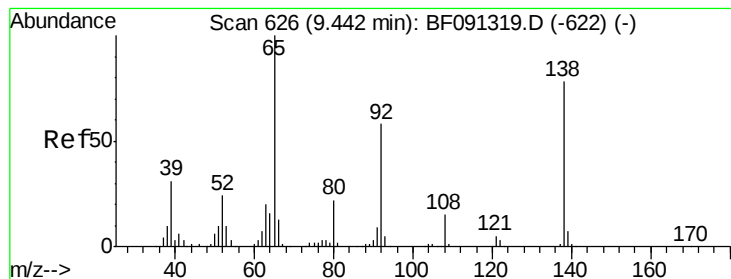
127 43.9 34.3 51.5

164 34.0 26.6 40.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.45 ng

RT: 9.44 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

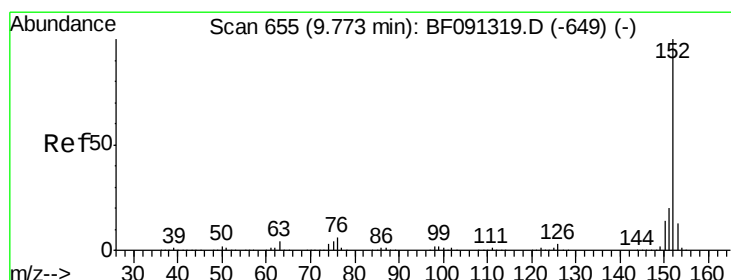
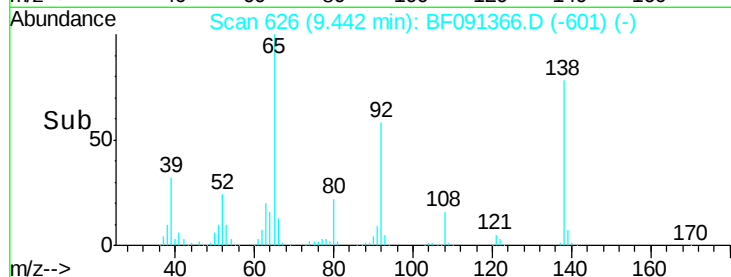
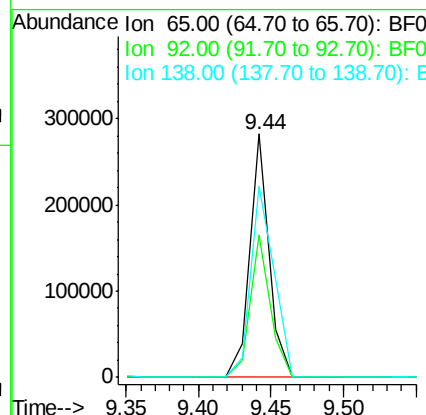
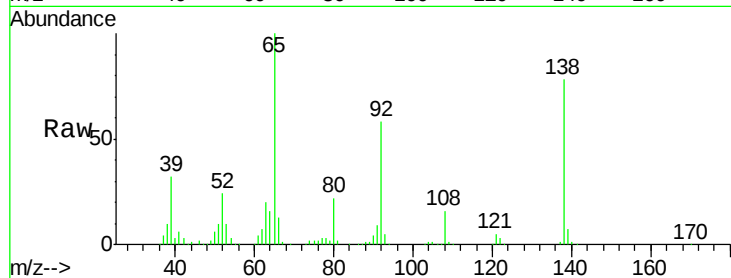
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	58.4	53.6	80.4
138	78.3	91.0	136.6

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#48

Acenaphthylene

Concen: 38.27 ng

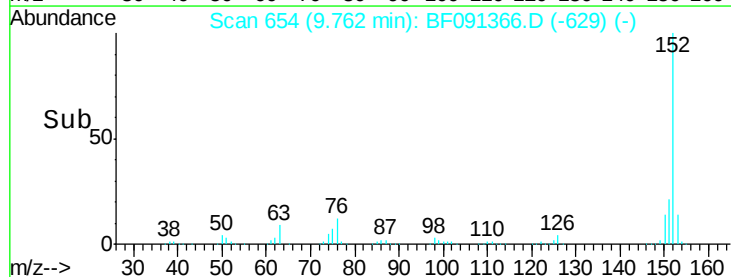
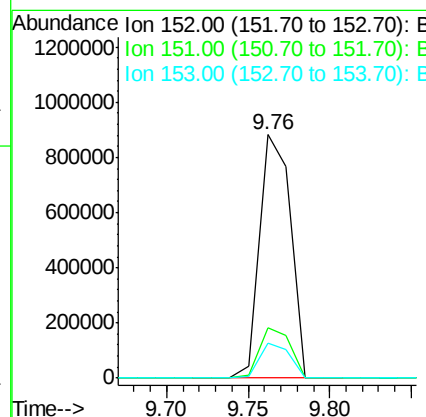
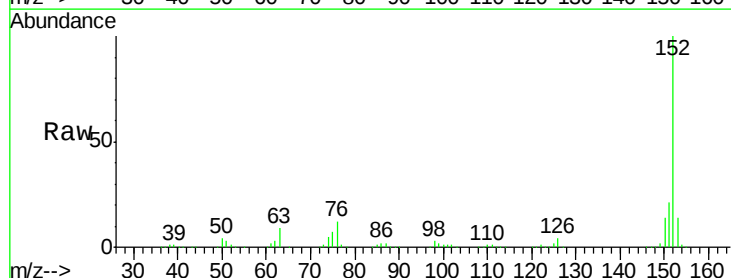
RT: 9.76 min Scan# 654

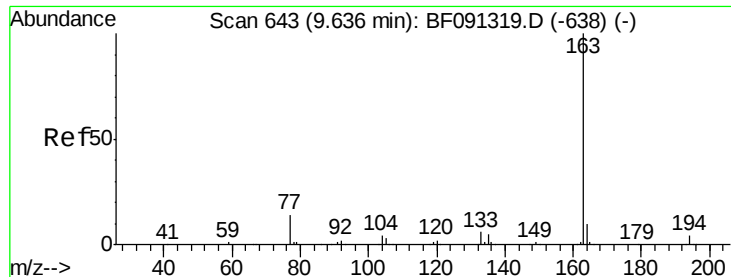
Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.6	24.8
153	14.4	10.7	16.1





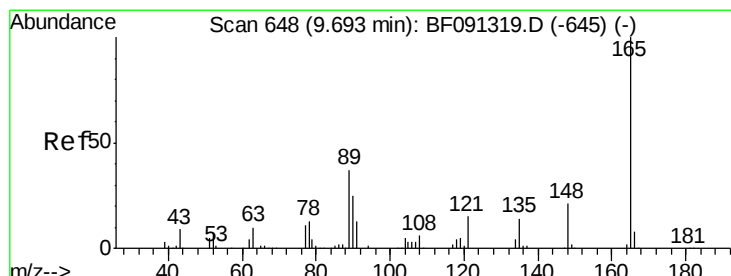
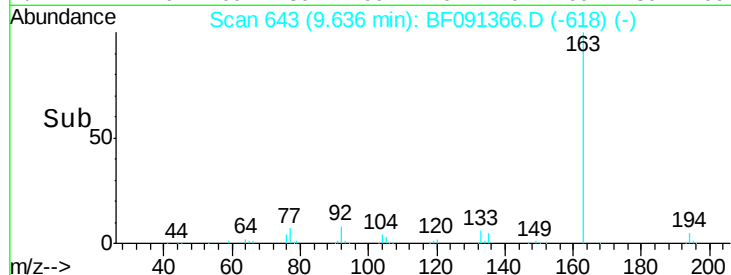
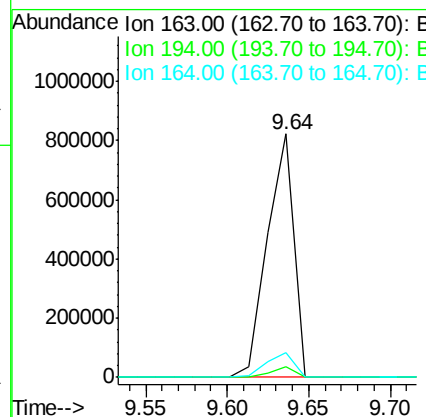
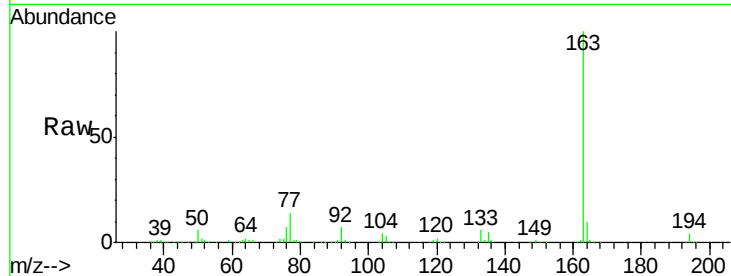
#49
Dimethylphthalate
Concen: 42.45 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	927146		
194	4.4		3.0	4.4
164	10.2		7.8	11.8

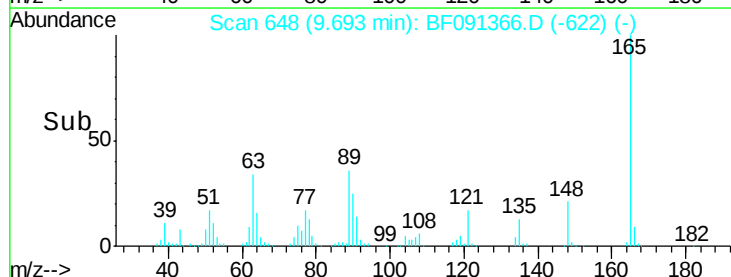
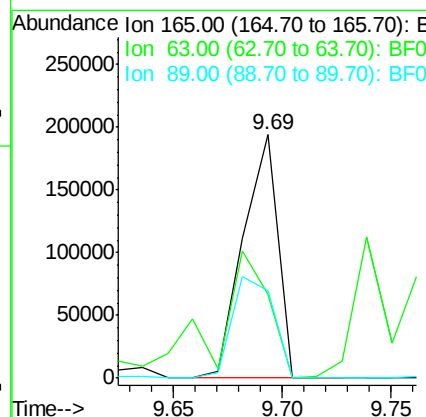
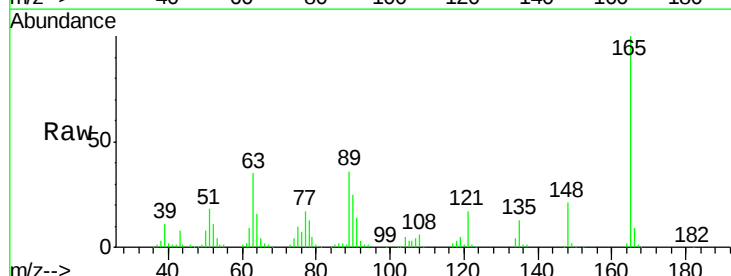
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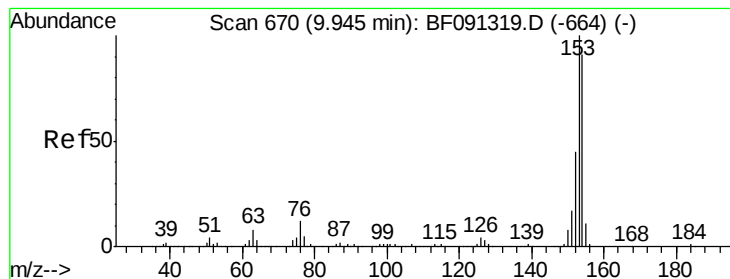
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#50
2,6-Dinitrotoluene
Concen: 43.78 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	213752		
63	34.5		59.4	89.0#
89	35.7		50.8	76.2#





#51

Acenaphthene

Concen: 39.38 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

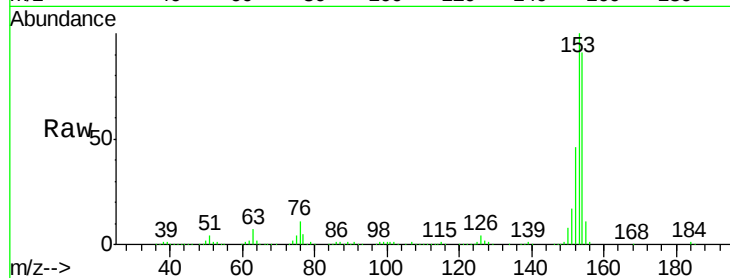
ClientSampleId :

SSTDCCC040

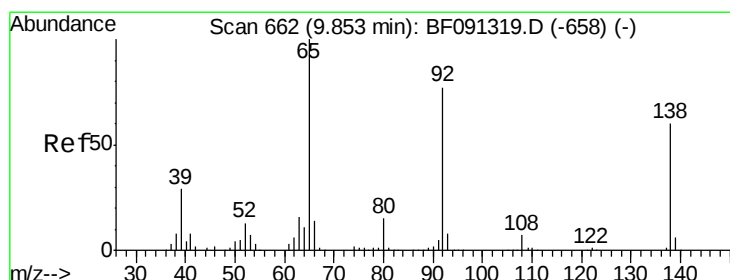
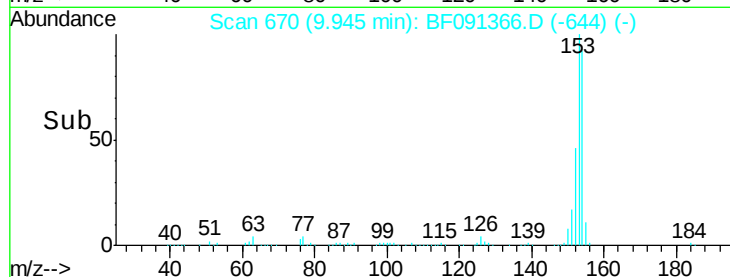
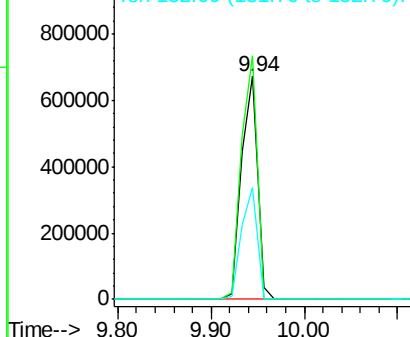
Tot Ion:	154	Resp:	807724
Ion	Ratio	Lower	Upper
154	100		
153	109.3	91.0	136.6
152	50.5	44.2	66.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.69 ng

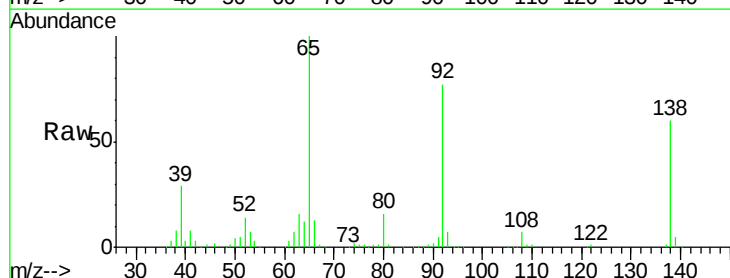
RT: 9.85 min Scan# 662

Delta R.T. -0.02 min

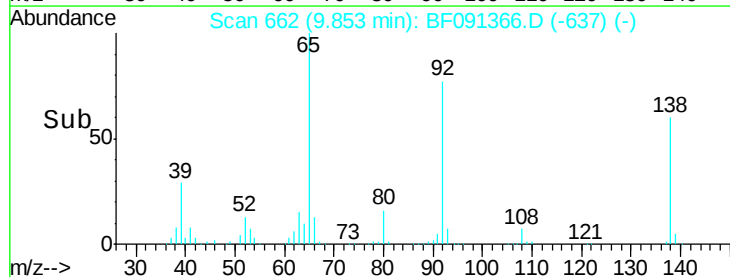
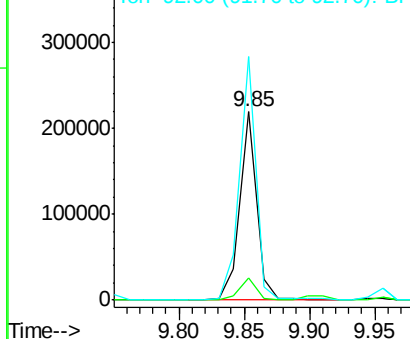
Lab File: BF091366.D

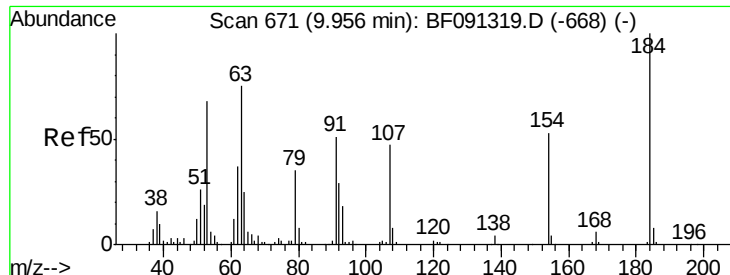
Acq: 30 Nov 2016 20:42

Tgt Ion:	138	Resp:	196024
Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.1	12.1
92	129.2	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





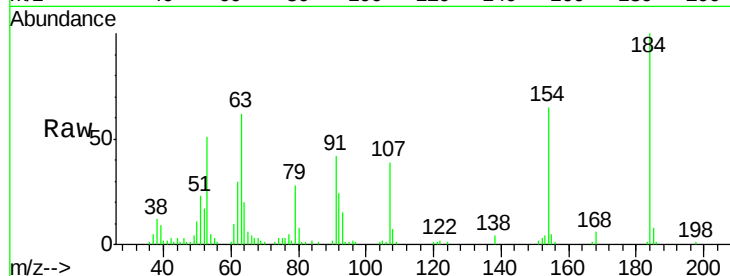
#53
2,4-Dinitrophenol
Concen: 21.57 ng
RT: 9.96 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

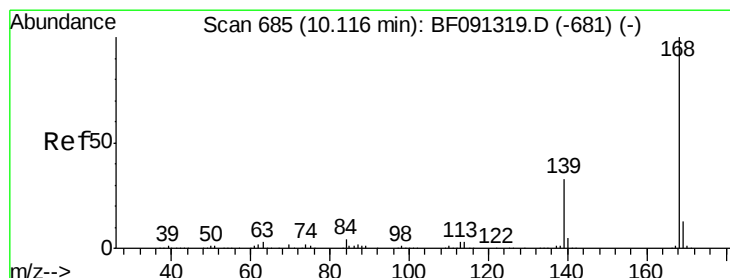
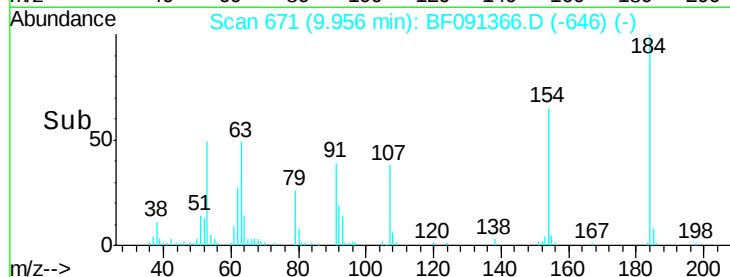
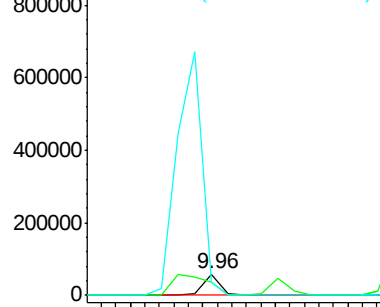
Tot Ion	Ratio	Lower	Upper
184	100		
63	62.2	58.3	87.5
154	64.9	48.6	73.0

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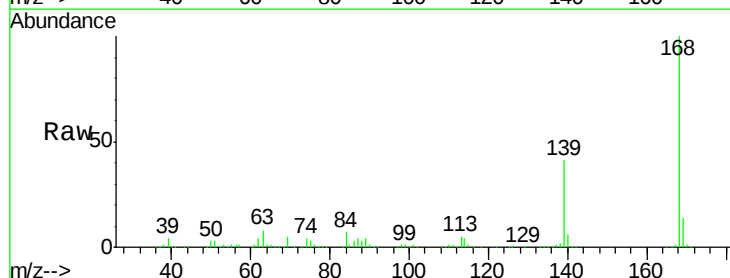


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

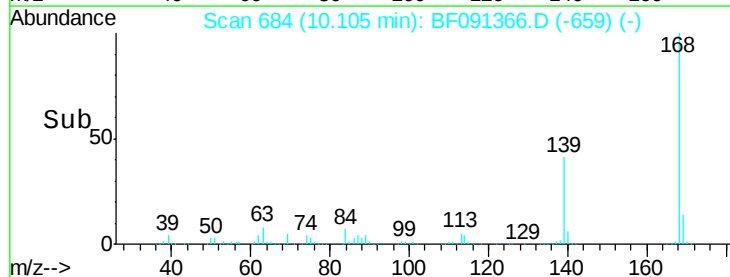
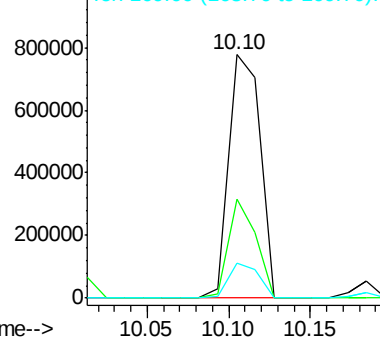


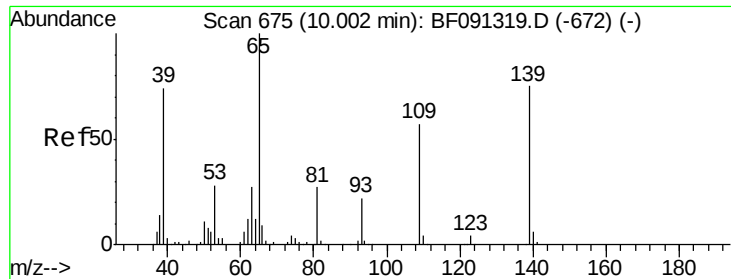
#54
Dibenzofuran
Concen: 37.74 ng
RT: 10.10 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.6	33.4	50.2
169	14.2	11.1	16.7



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





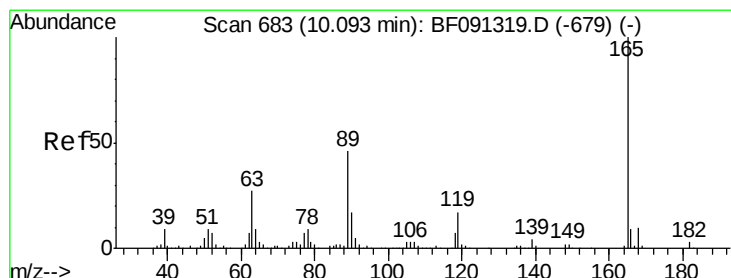
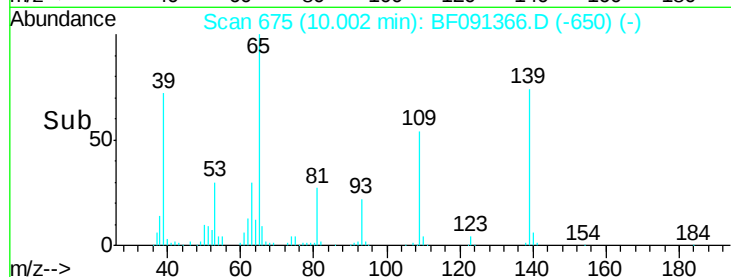
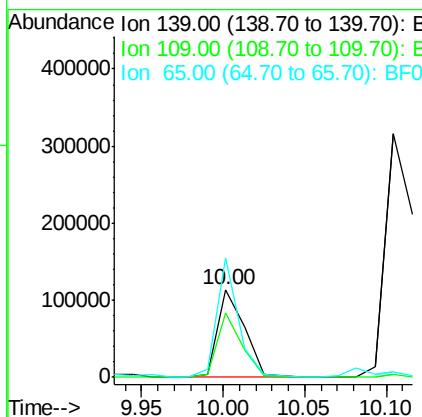
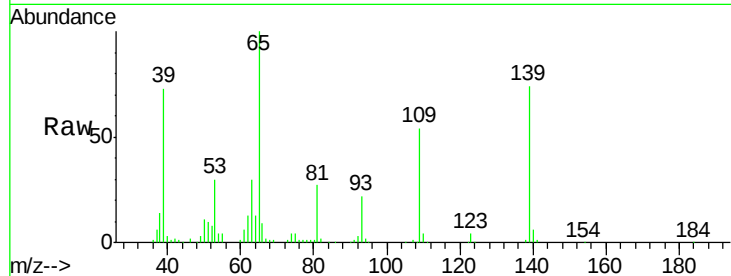
#55
4-Nitrophenol
Concen: 32.14 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	73.2	54.9	94.9	
65	135.7	102.2	142.2	

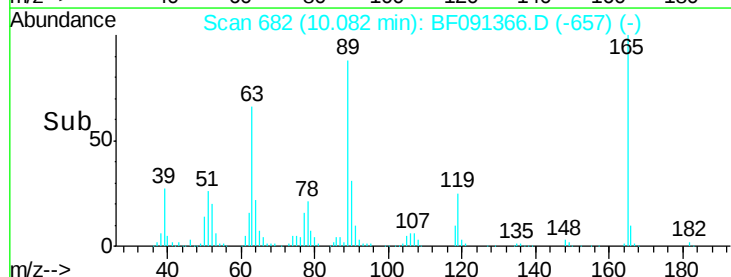
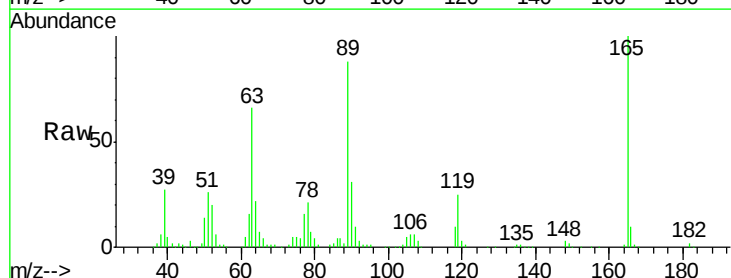
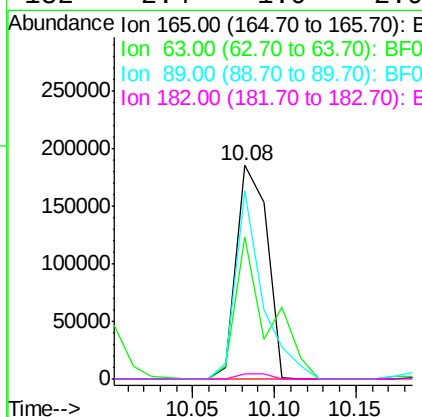
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#56
2,4-Dinitrotoluene
Concen: 37.91 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	66.5	29.0	43.4#	
89	87.8	43.1	64.7#	
182	2.4	1.9	2.9	





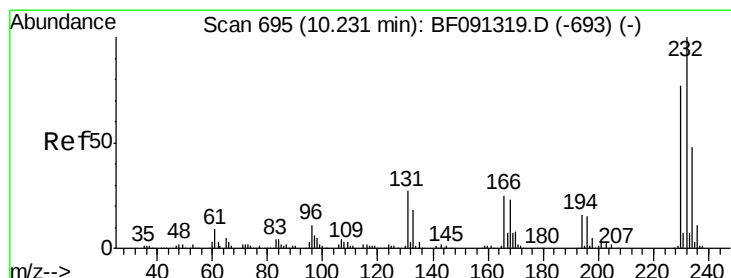
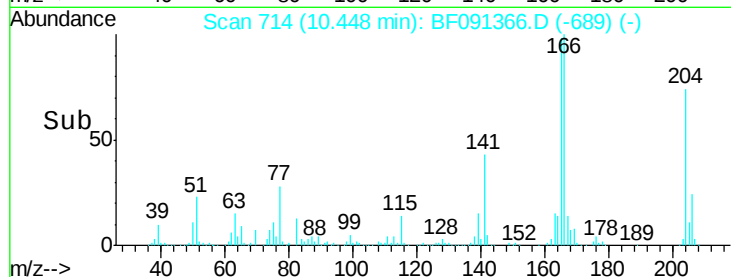
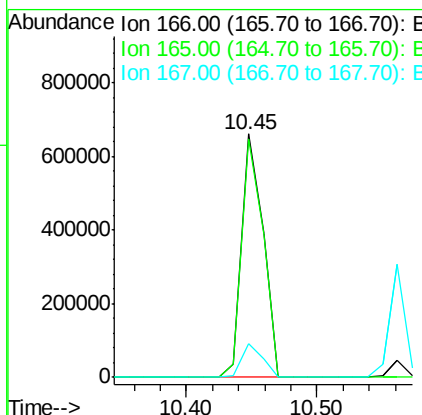
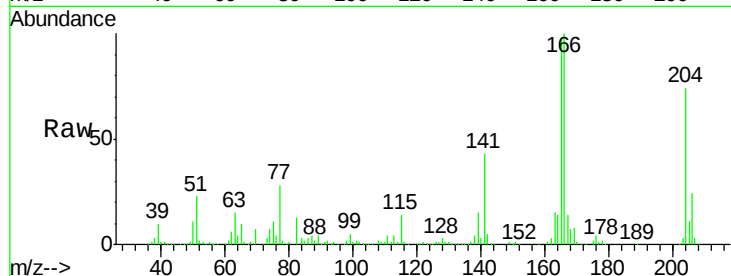
#57
Fluorene
 Concen: 35.45 ng
 RT: 10.45 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	747461		
165	98.0		80.0	120.0
167	14.0		10.8	16.2

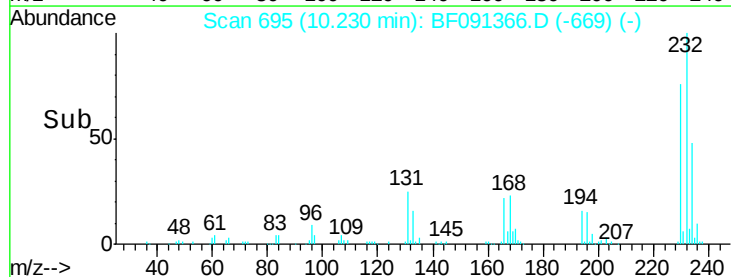
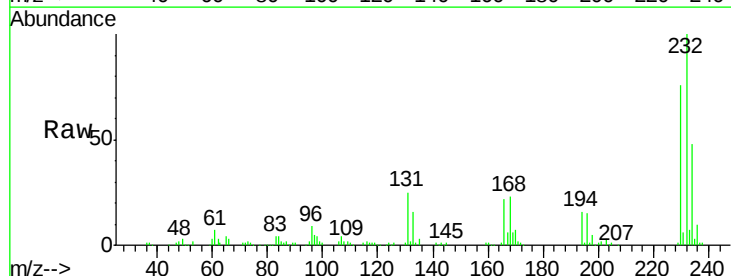
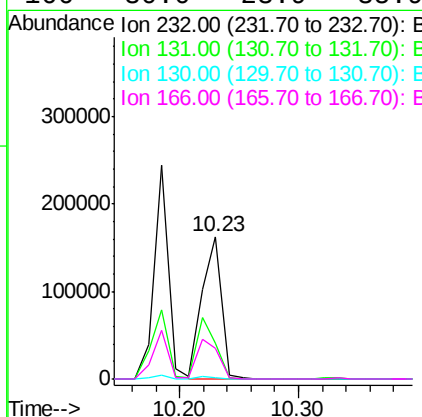
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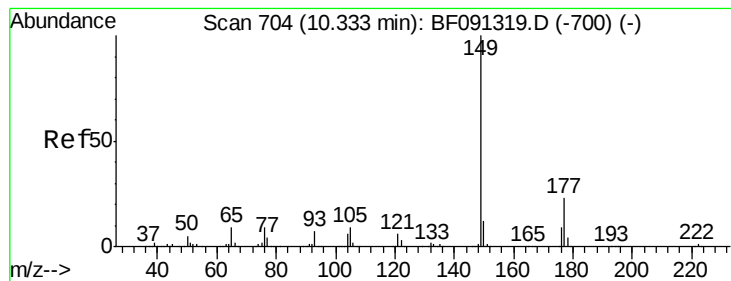
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.30 ng
 RT: 10.23 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	188331		
131	41.4		38.4	57.6
130	1.9		1.8	2.8
166	30.0		23.9	35.9





#59

Diethylphthalate

Concen: 41.39 ng

RT: 10.33 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

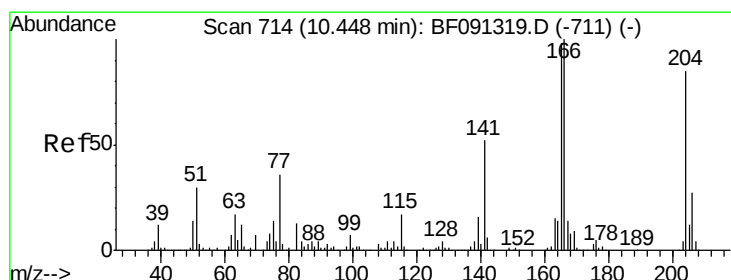
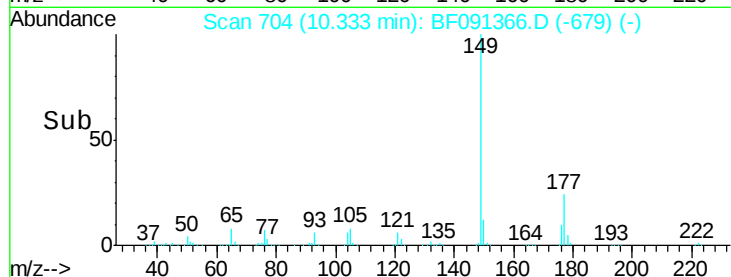
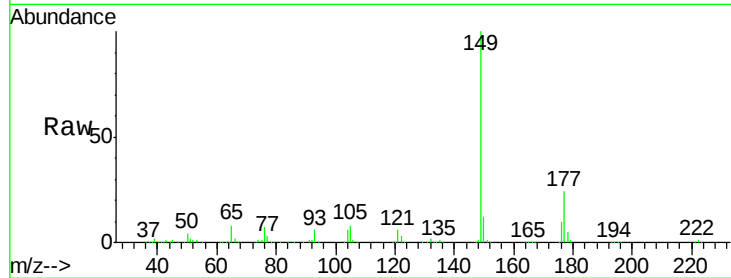
ClientSampled :

SSTDCCC040

Tot Ion:	149	Resp:	892333
Ion Ratio	Lower	Upper	
149	100		
177	24.3	15.7	23.5#
150	12.4	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 37.98 ng

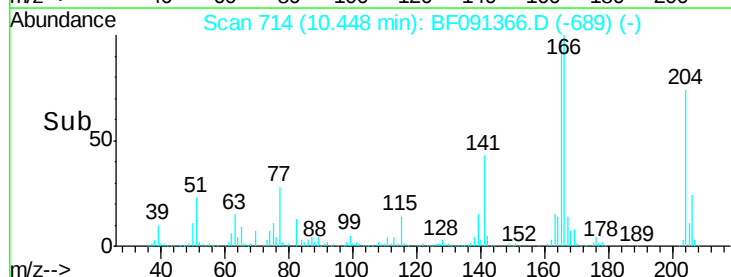
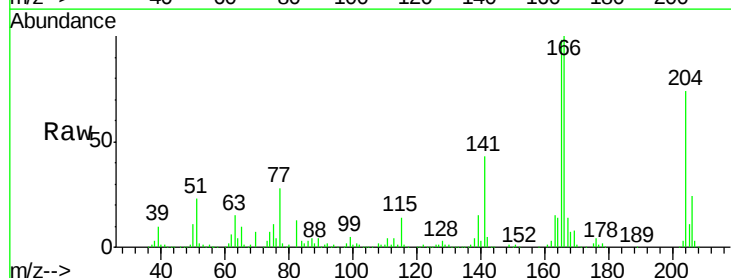
RT: 10.45 min Scan# 714

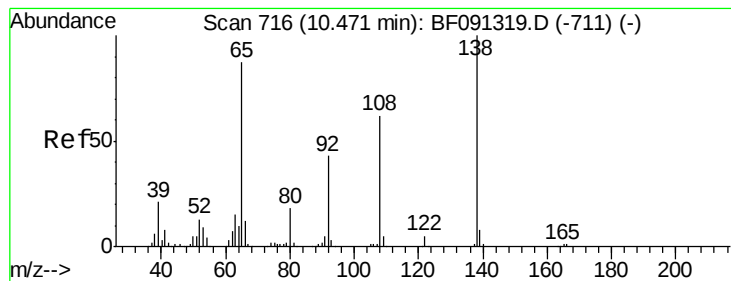
Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Tgt Ion:	204	Resp:	401617
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.1	39.1
141	58.0	40.6	61.0





#61

4-Nitroaniline

Concen: 33.89 ng

RT: 10.46 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

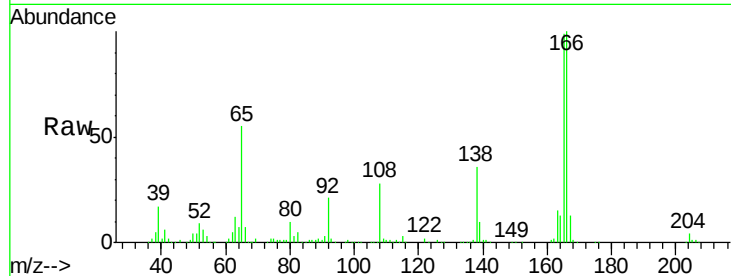
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	179826
Ion Ratio	Lower	Upper	
138	100		
92	58.1	26.9	66.9
108	78.3	49.1	89.1

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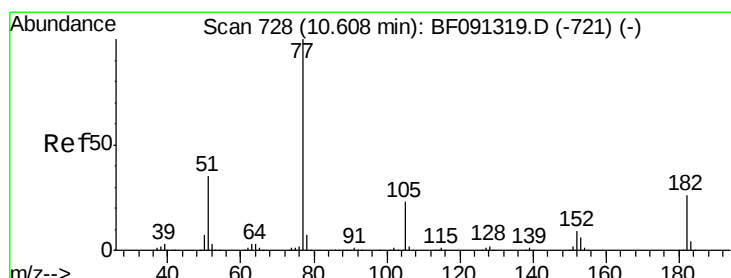
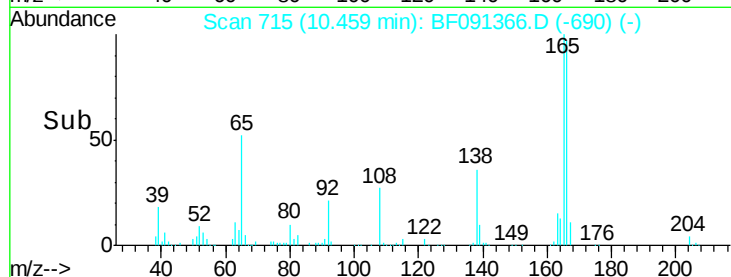
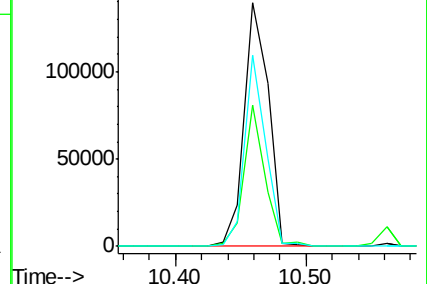
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.54 ng

RT: 10.61 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

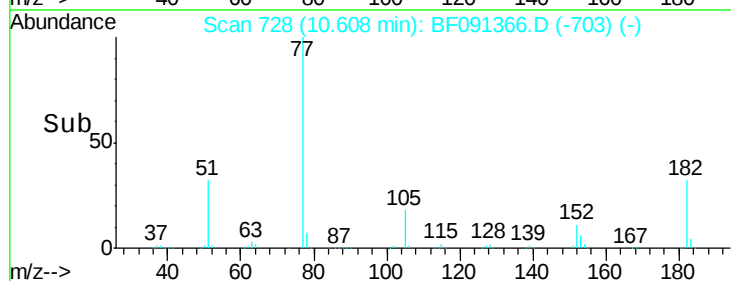
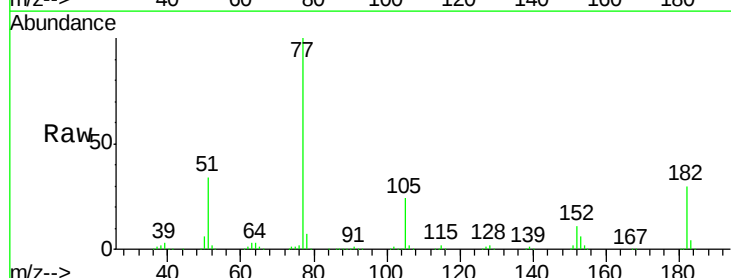
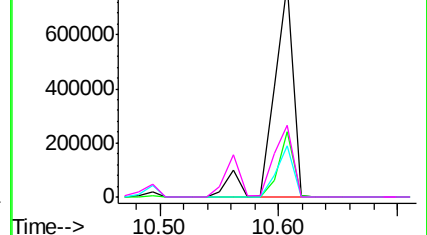
Tgt Ion:	77	Resp:	913825
Ion Ratio	Lower	Upper	
77	100		
182	30.5	12.5	52.5
105	23.9	3.7	43.7
51	33.7	11.9	51.9

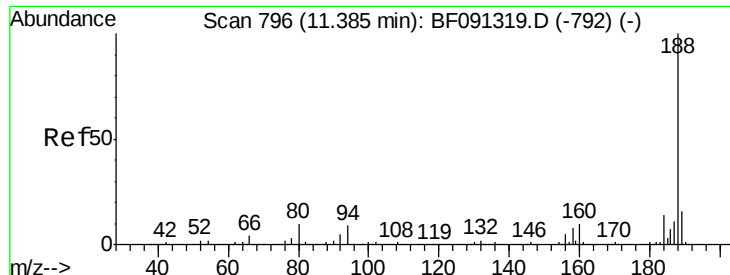
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





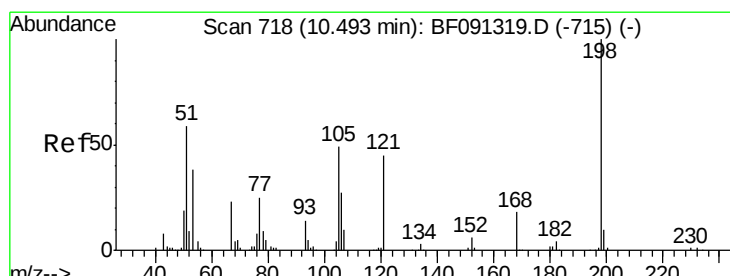
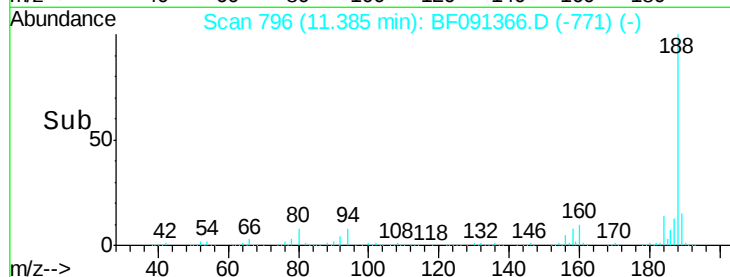
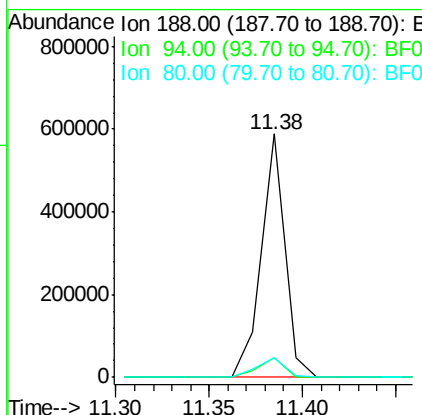
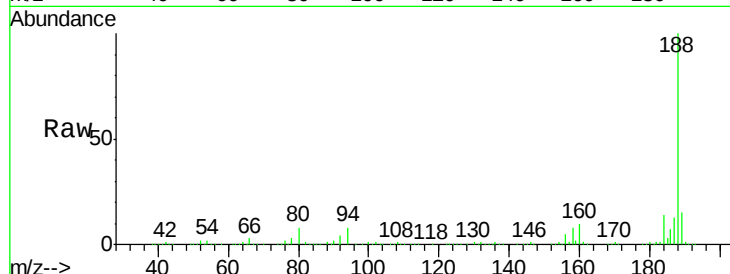
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.8	9.2	13.8#
80	8.0	10.5	15.7#

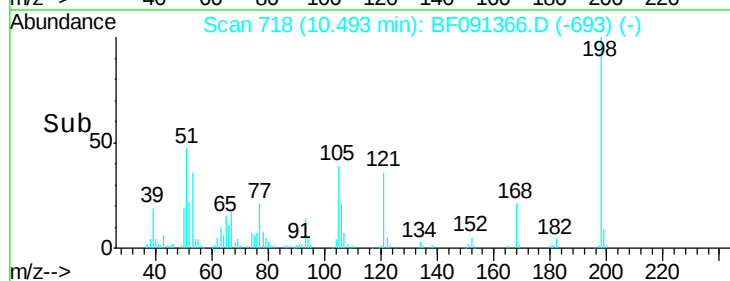
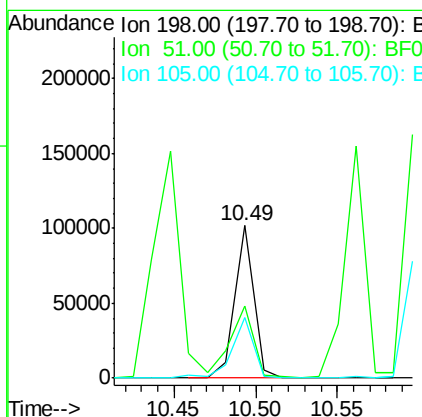
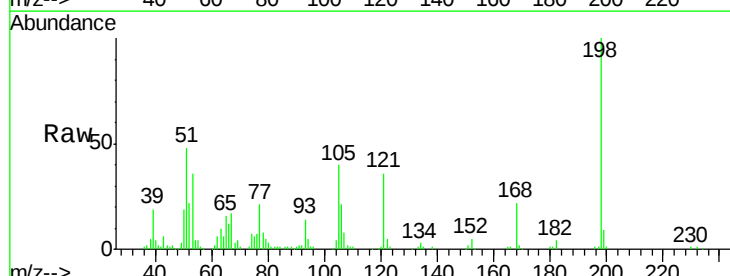
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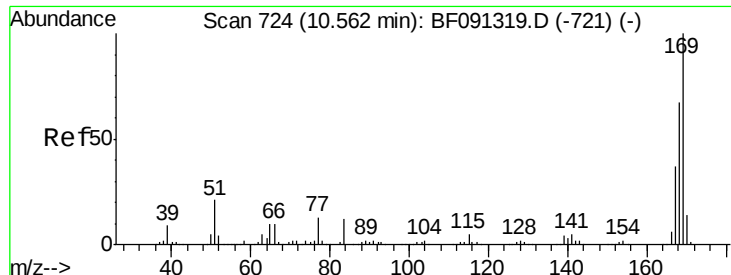
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 28.70 ng
 RT: 10.49 min Scan# 718
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	47.5	77.1	117.1#
105	39.8	44.8	84.8#





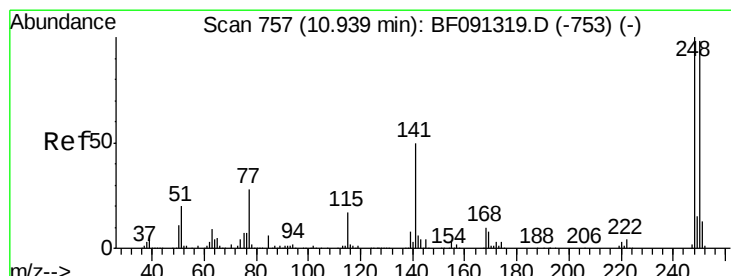
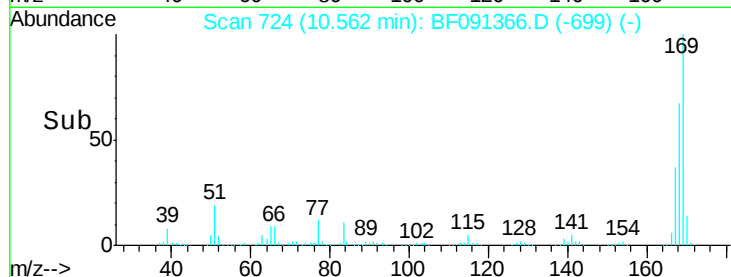
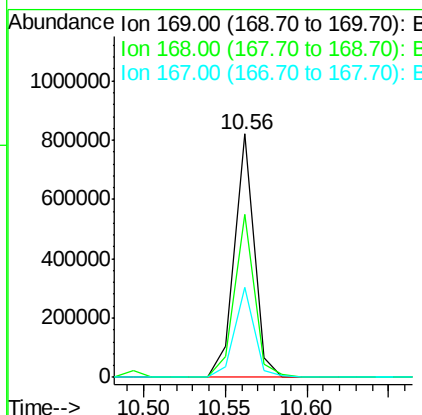
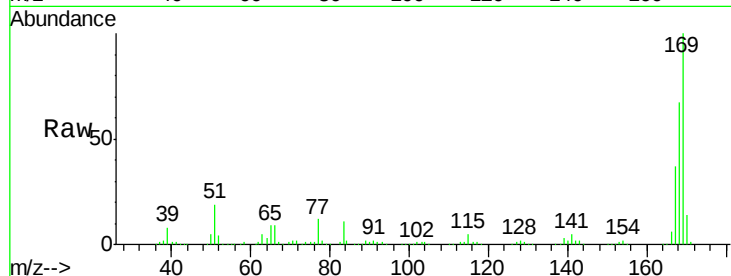
#65
 n-Nitrosodiphenylamine
 Concen: 44.06 ng
 RT: 10.56 min Scan# 724
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.8	80.8
167	37.2	29.8	44.8

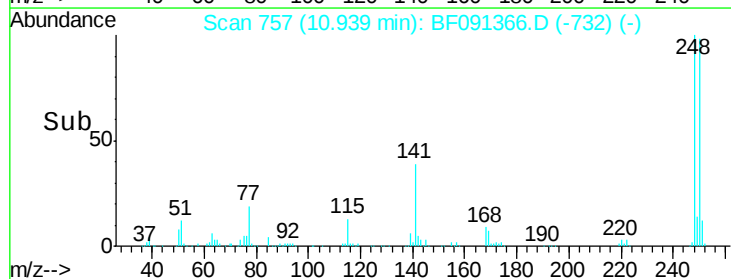
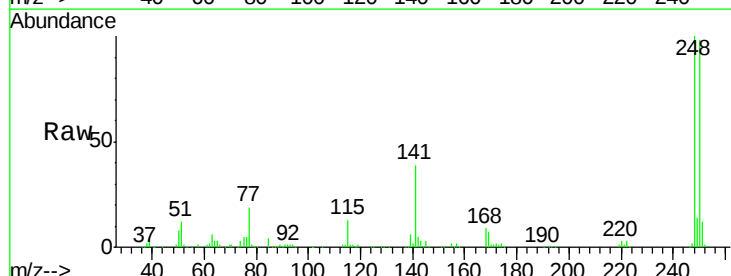
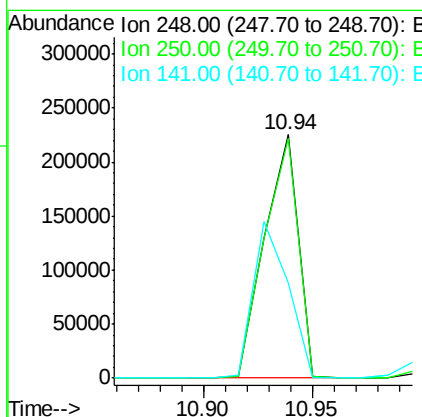
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#66
 4-Bromophenyl-phenylether
 Concen: 44.75 ng
 RT: 10.94 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.2	117.4
141	38.9	71.9	107.9#





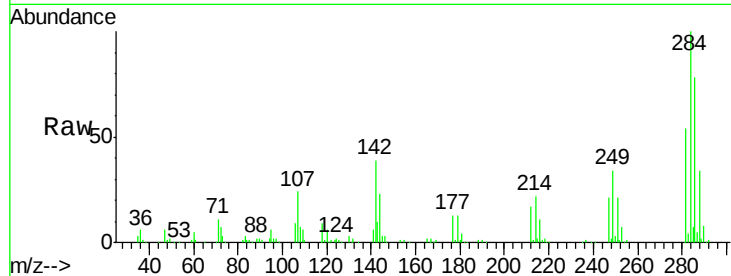
#67
Hexachlorobenzene
Concen: 39.48 ng
RT: 11.00 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

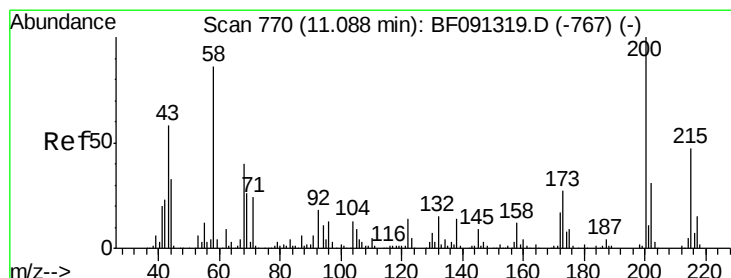
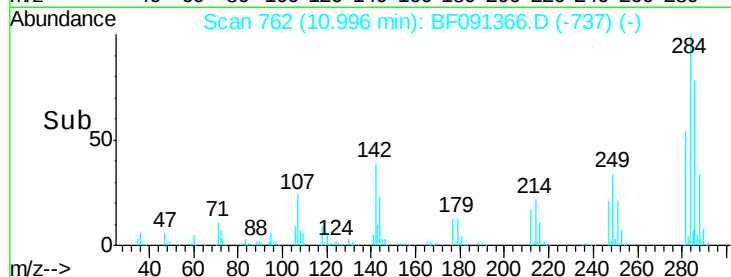
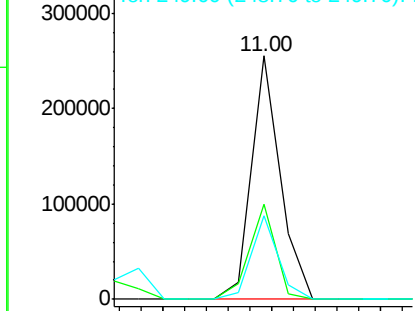
Tot Ion	Ratio	Resp	Lower	Upper
284	100	234286		
142	39.1	17.9	26.9#	
249	34.1	23.6	35.4	

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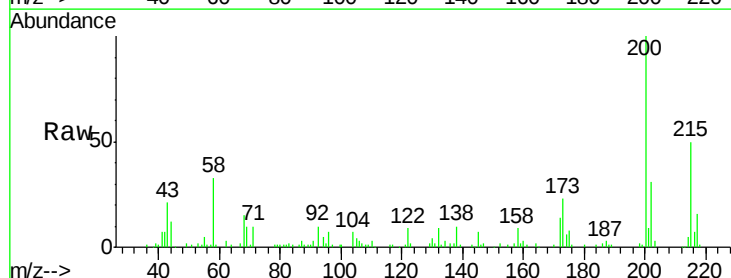


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

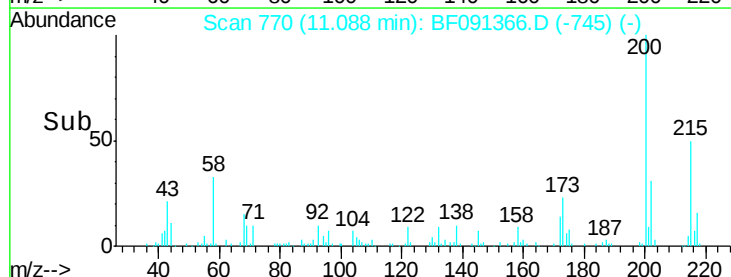
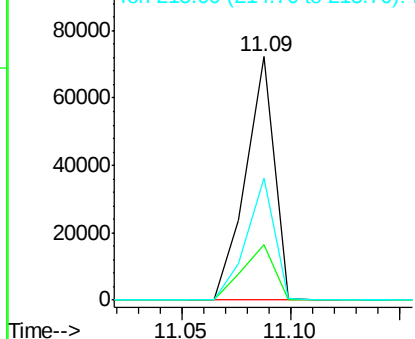


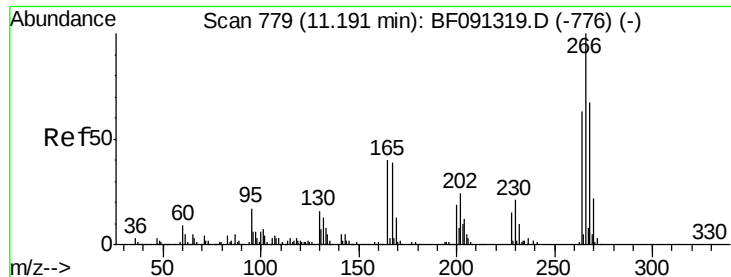
#68
Atrazine
Concen: 13.20 ng
RT: 11.09 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	66238		
173	22.7	7.8	47.8	
215	49.9	24.3	64.3	



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





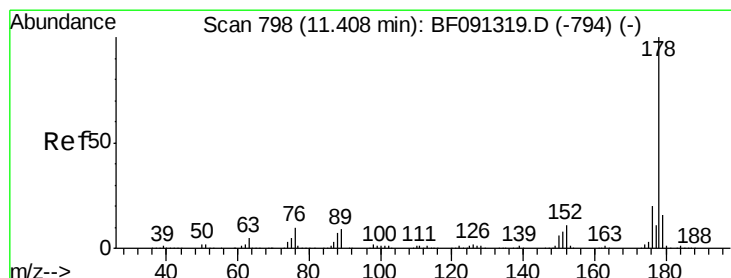
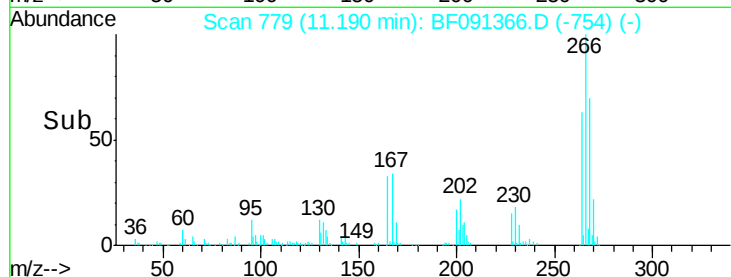
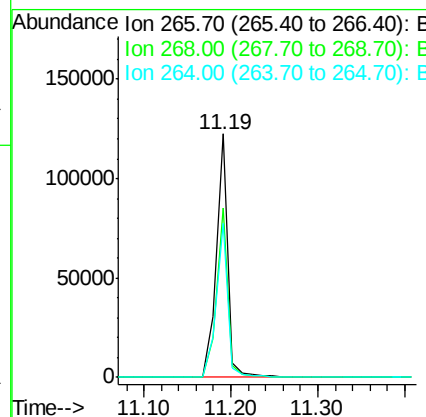
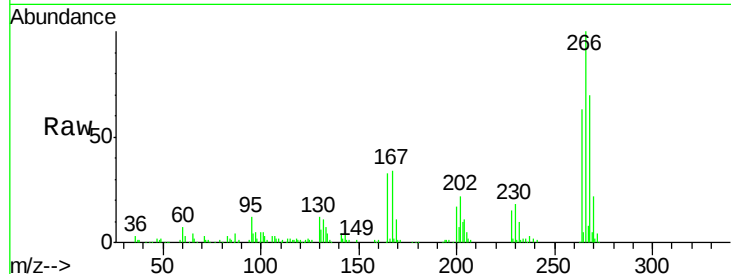
#69
 Pentachlorophenol
 Concen: 32.95 ng
 RT: 11.19 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	69.5	50.3	75.5
264	63.5	48.2	72.2

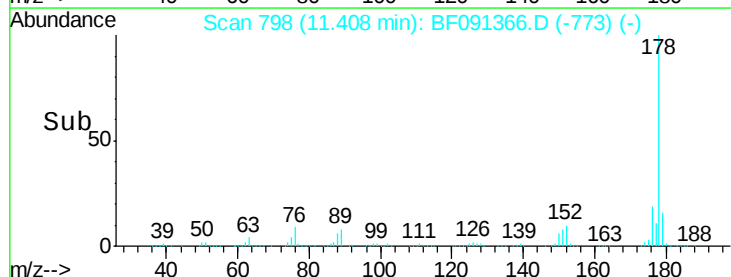
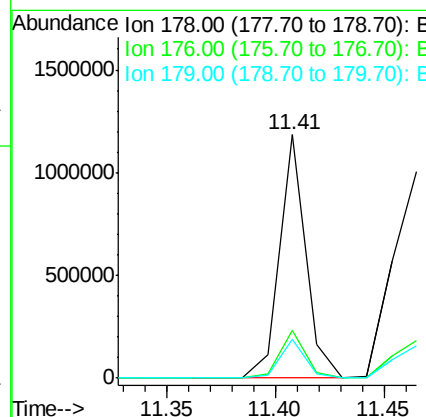
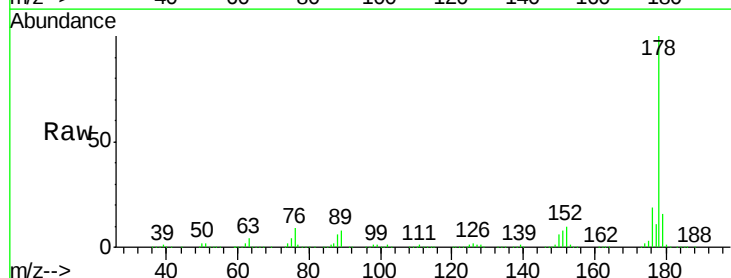
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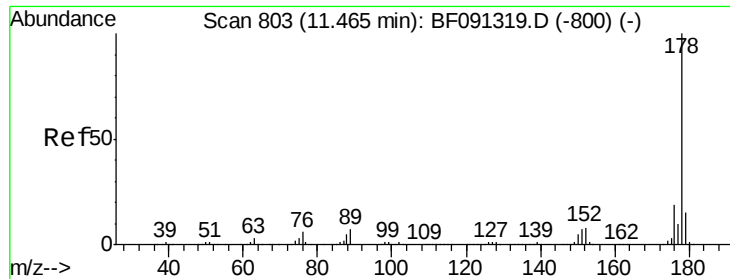
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#70
 Phenanthrene
 Concen: 37.87 ng
 RT: 11.41 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	16.0	12.6	18.8





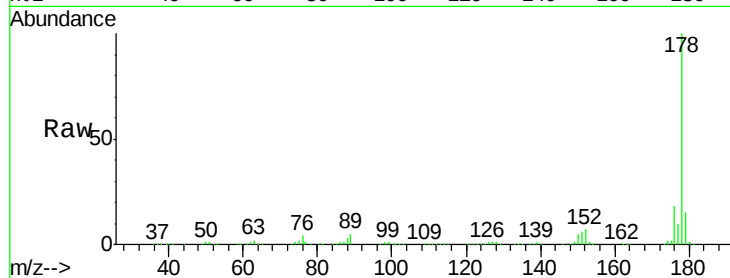
#71
 Anthracene
 Concen: 41.64 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

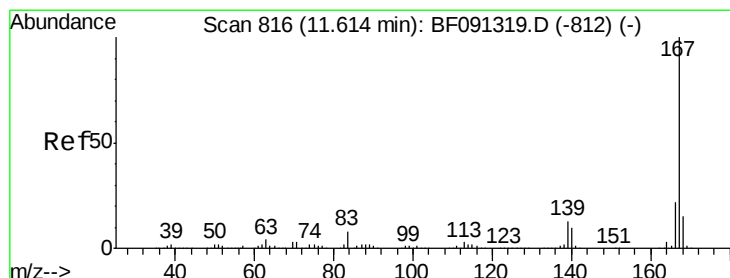
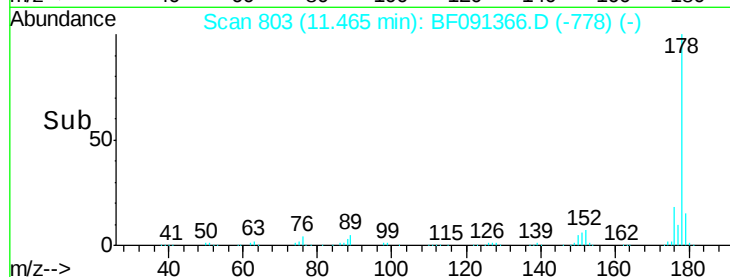
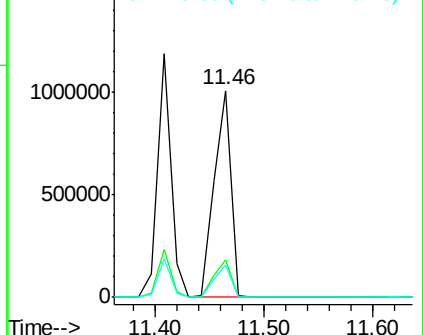
Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.4	15.8	23.6	
179	15.4	12.7	19.1	

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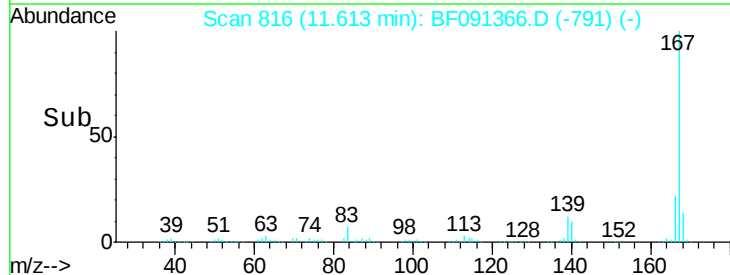
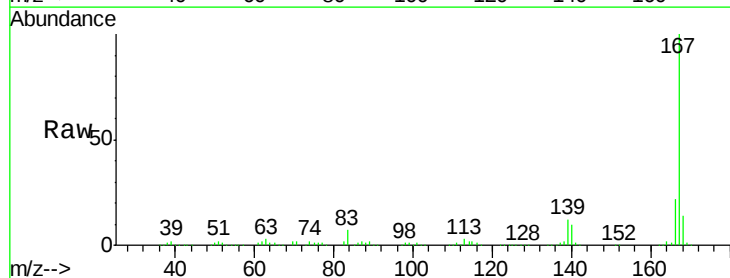
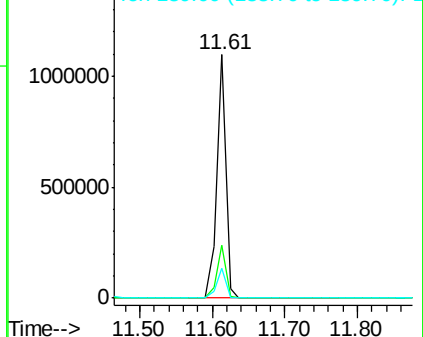
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

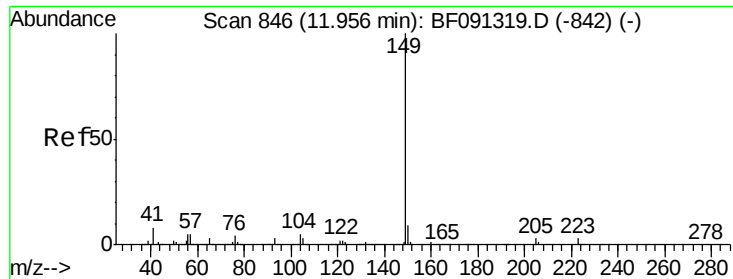


#72
 Carbazole
 Concen: 39.71 ng
 RT: 11.61 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.9	18.1	27.1	
139	12.4	11.5	17.3	

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.45 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1177320

Ion Ratio Lower Upper

149 100

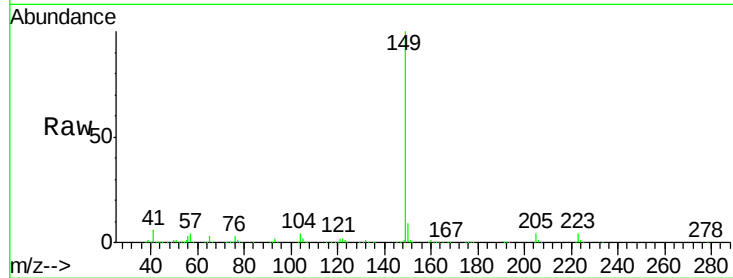
150 9.4 7.5 11.3

104 4.0 4.0 6.0

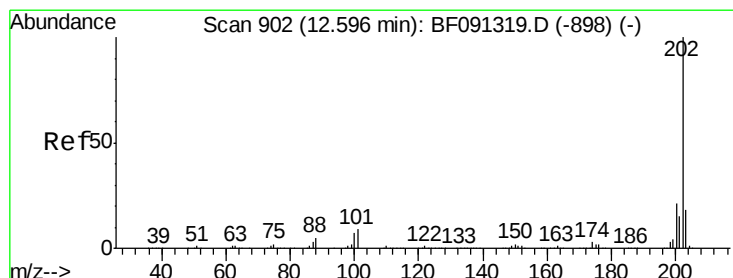
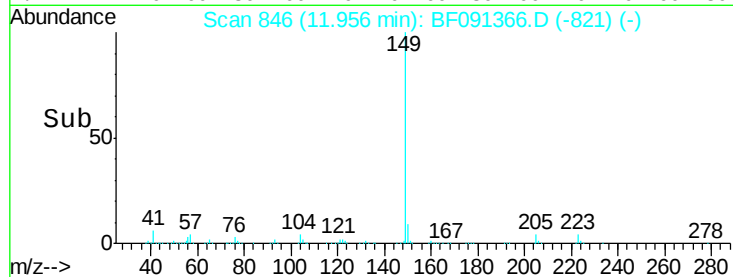
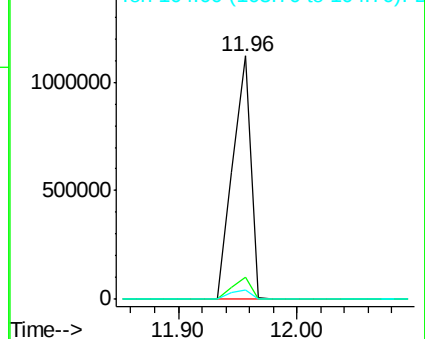
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Abundance Ion 149.00 (148.70 to 149.70): E
1500000 Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.19 ng

RT: 12.60 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

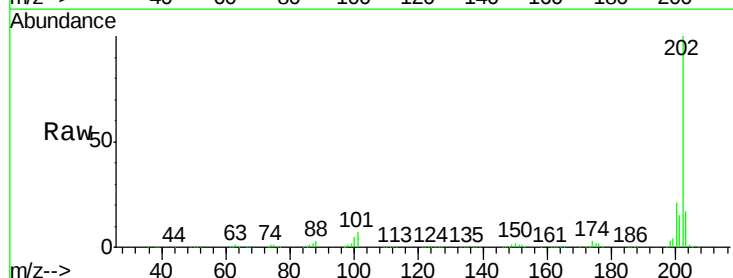
Tgt Ion:202 Resp: 985624

Ion Ratio Lower Upper

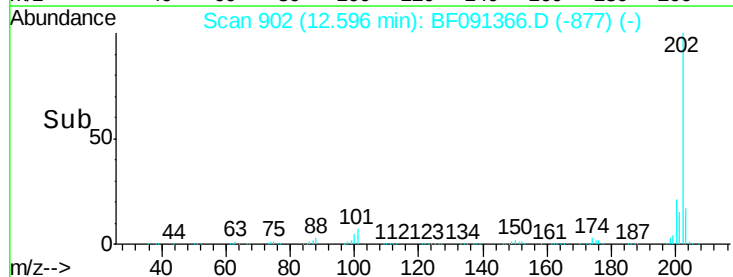
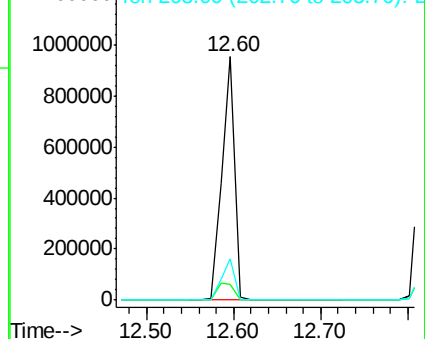
202 100

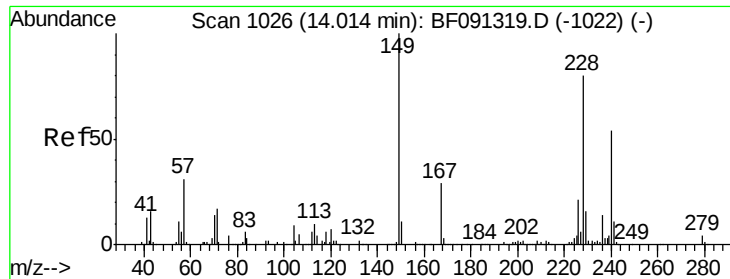
101 6.5 0.0 29.5

203 17.2 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E
1200000 Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

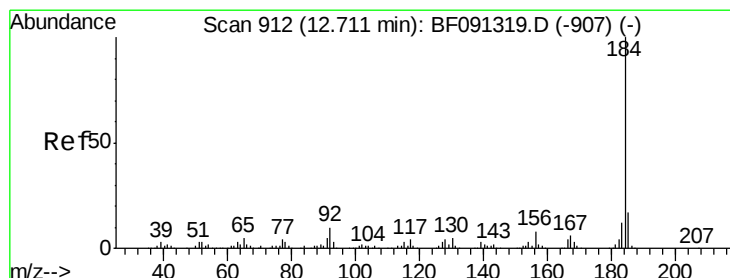
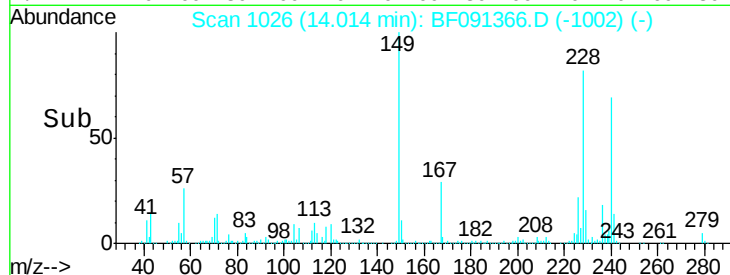
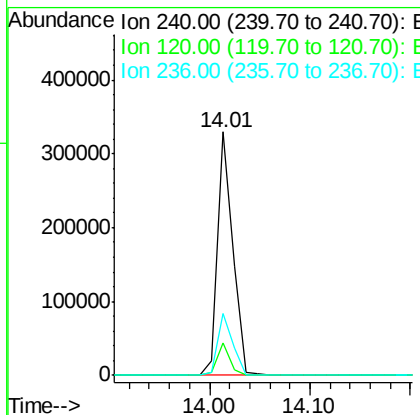
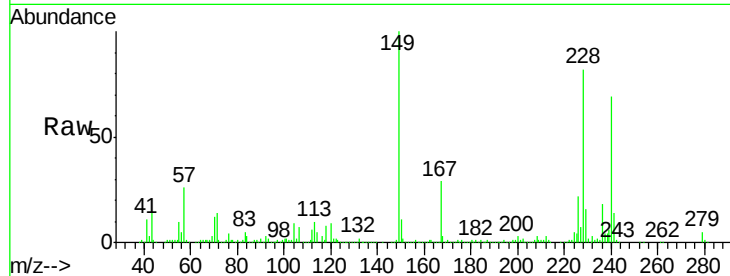
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	346092
Ion Ratio	Lower	Upper	
240	100		
120	13.1	12.1	18.1
236	25.6	21.0	31.6

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#76

Benzidine

Concen: 13.64 ng

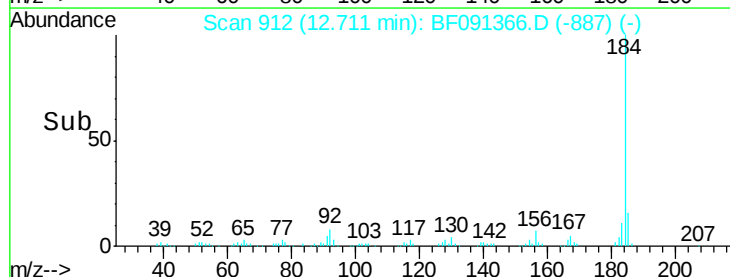
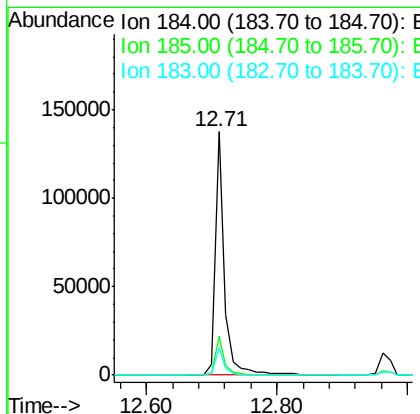
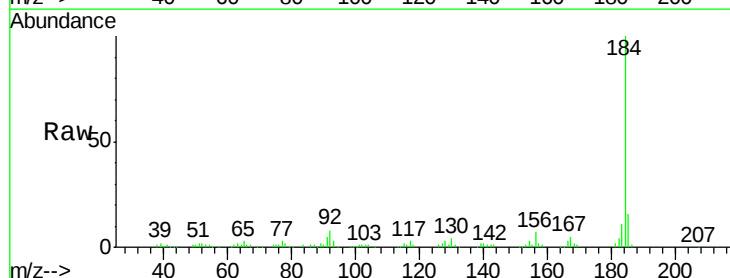
RT: 12.71 min Scan# 912

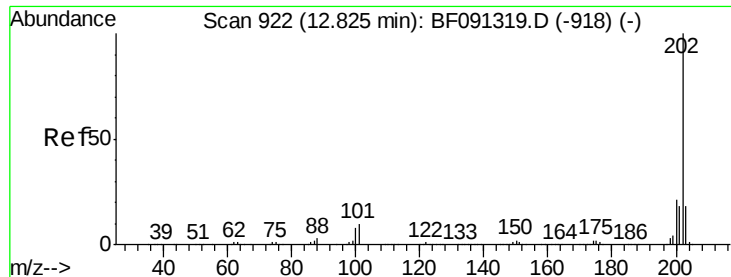
Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Tgt Ion:	184	Resp:	138539
Ion Ratio	Lower	Upper	
184	100		
185	16.0	13.1	19.7
183	11.0	8.9	13.3





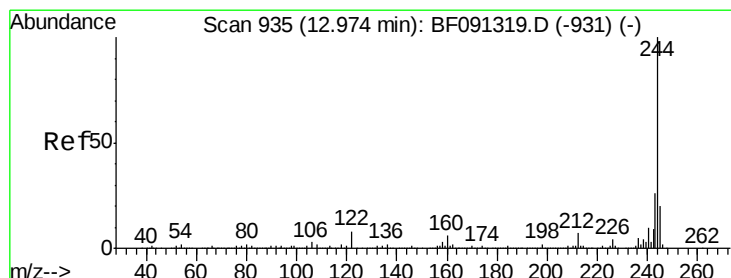
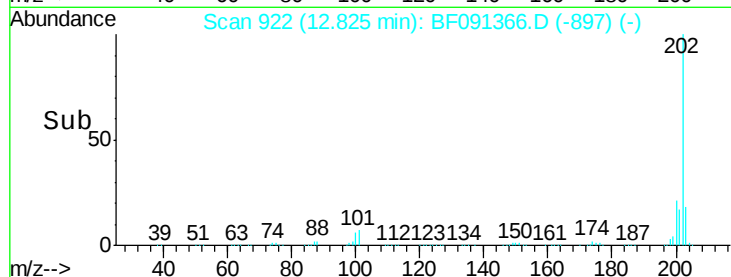
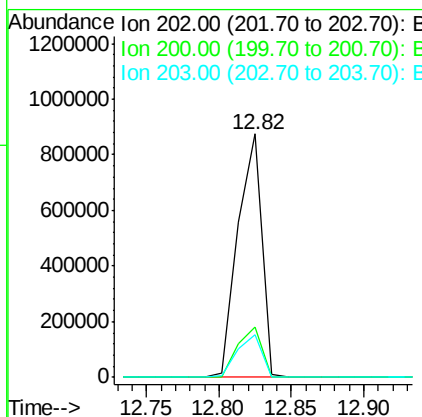
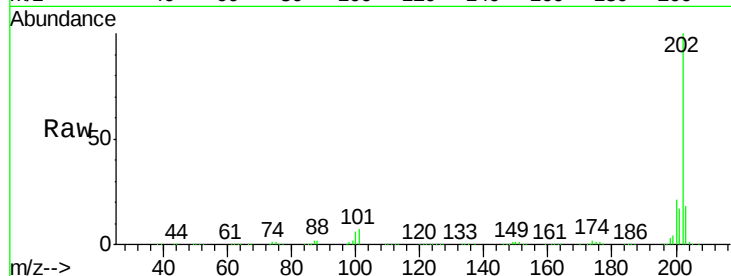
#77
Pvrene
Concen: 38.20 ng
RT: 12.82 min Scan# 922
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	17.6	14.0	21.0

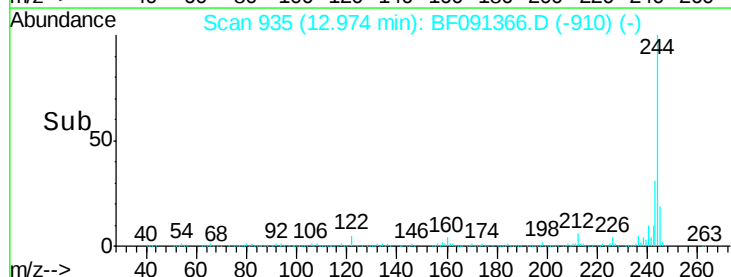
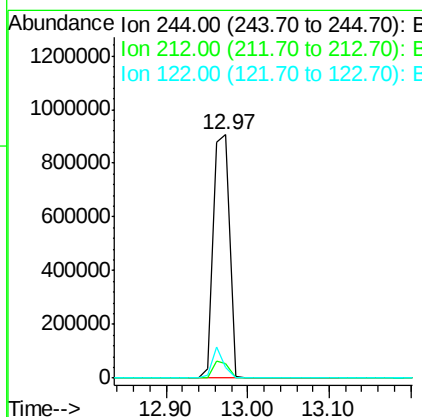
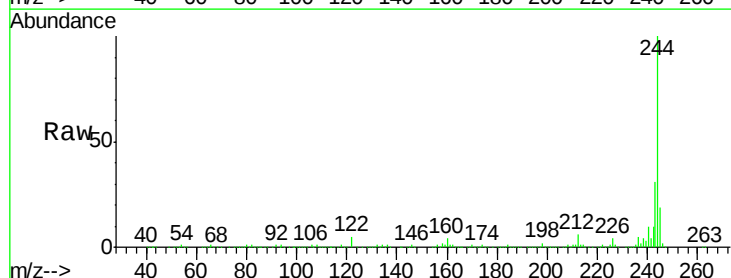
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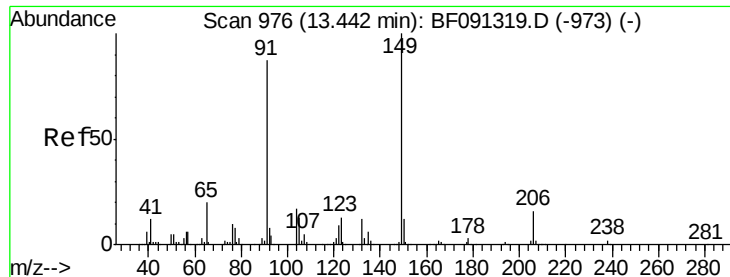
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#78
Terphenyl-d14
Concen: 78.99 ng
RT: 12.97 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.0	6.5	9.7#
122	4.6	9.5	14.3#





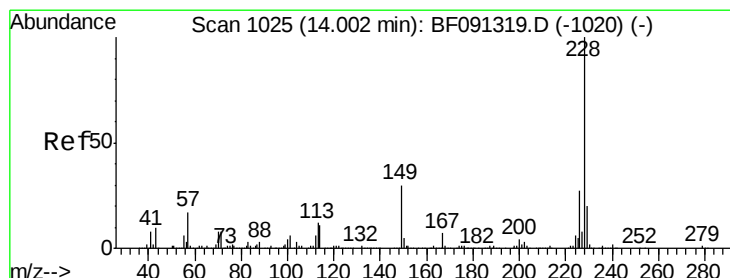
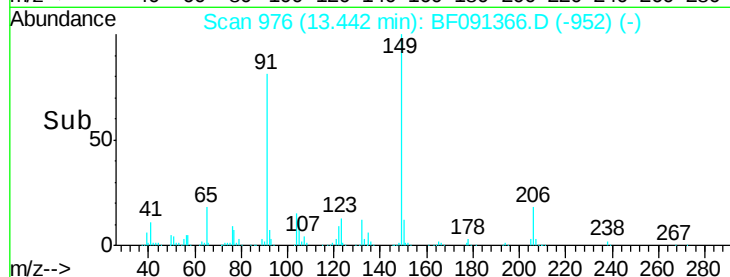
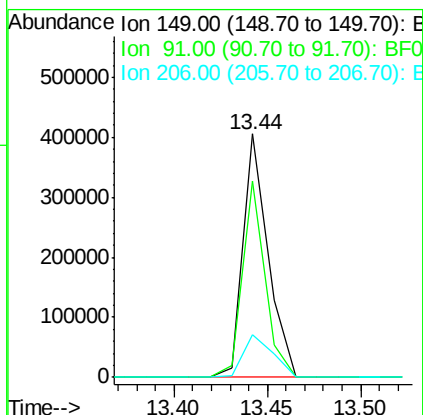
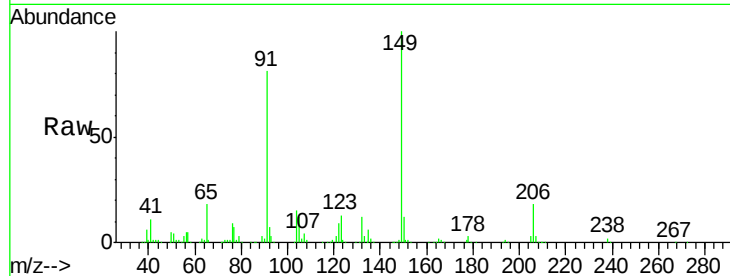
#79
Butylbenzylphthalate
Concen: 38.45 ng
RT: 13.44 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		378188		
91	80.6		57.4	86.2	
206	17.7		15.4	23.2	

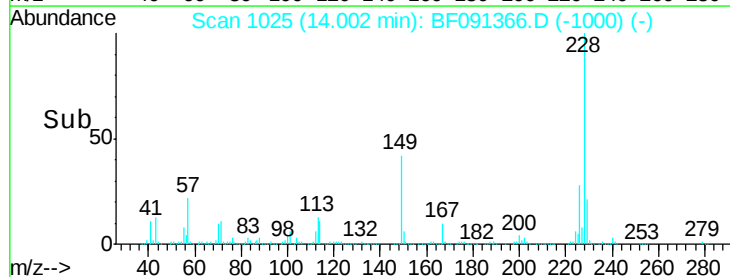
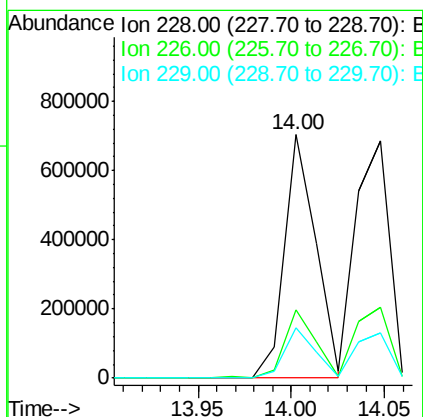
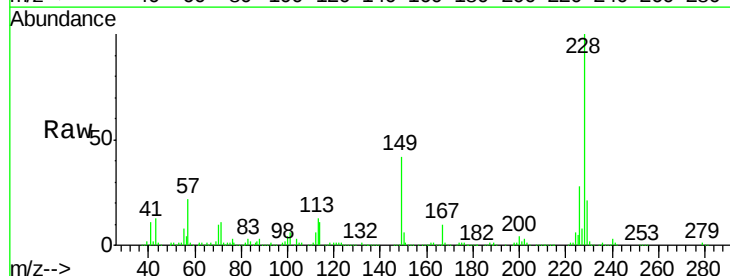
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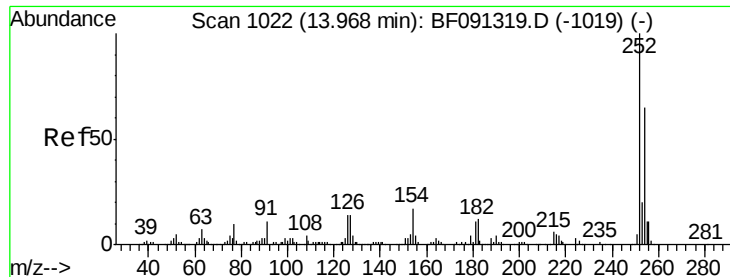
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#80
Benzo(a)anthracene
Concen: 40.85 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		826763		
226	27.8		22.5	33.7	
229	20.6		16.4	24.6	





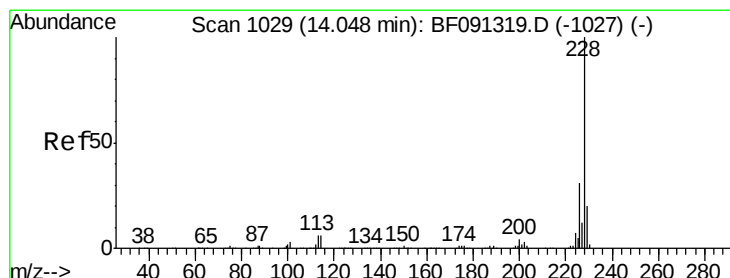
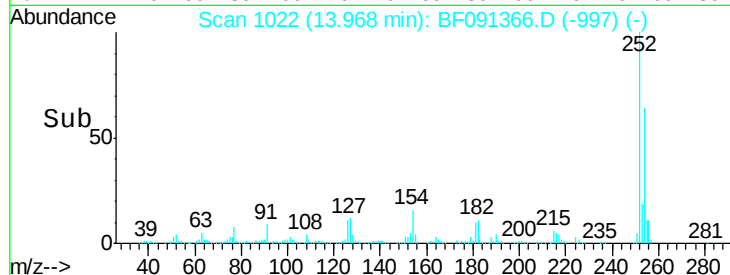
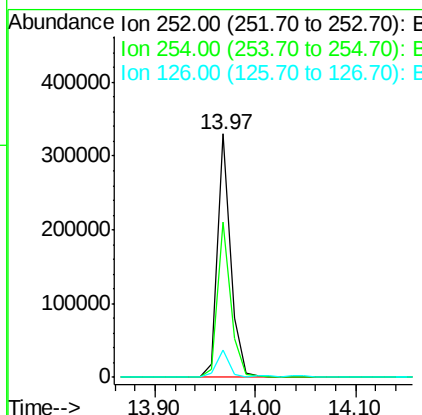
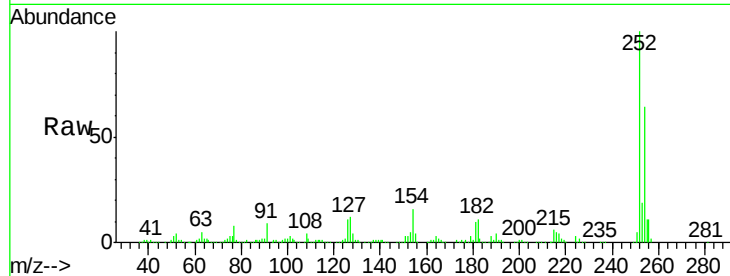
#81
 3,3'-Dichlorobenzidine
 Concen: 42.40 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.9	52.1	78.1
126	11.5	7.5	11.3

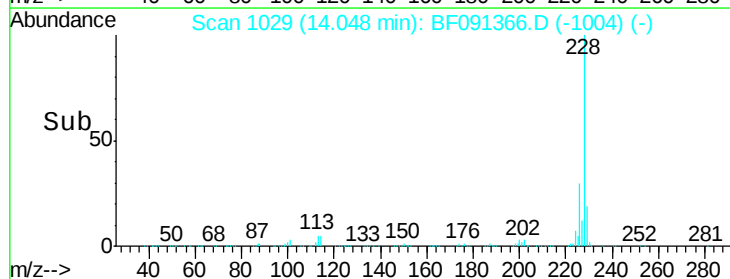
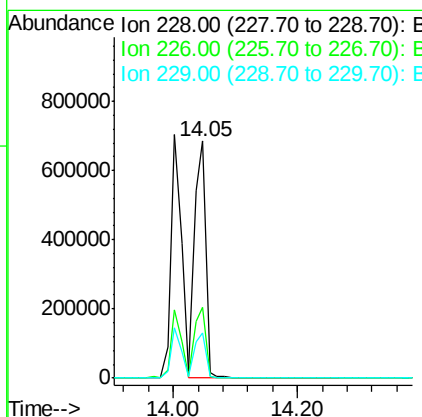
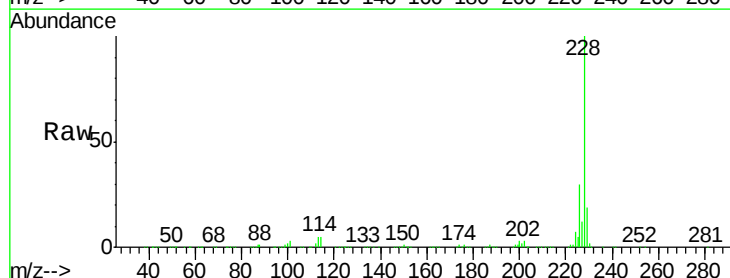
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#82
 Chrysene
 Concen: 43.32 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.0	25.0	37.4
229	19.3	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.28 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 539545

Ion Ratio Lower Upper

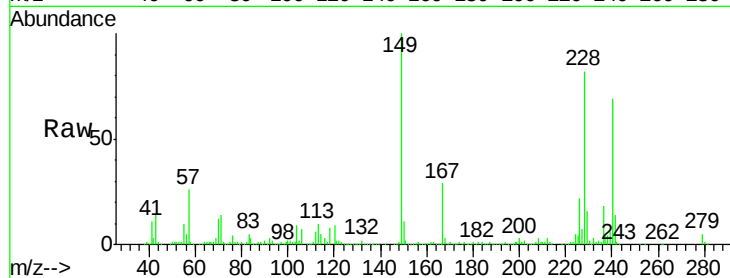
149 100

167 29.0 19.6 29.4

279 4.8 1.9 2.9#

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

600000

500000

400000

300000

200000

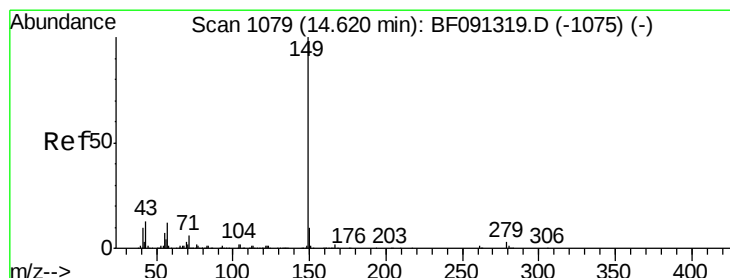
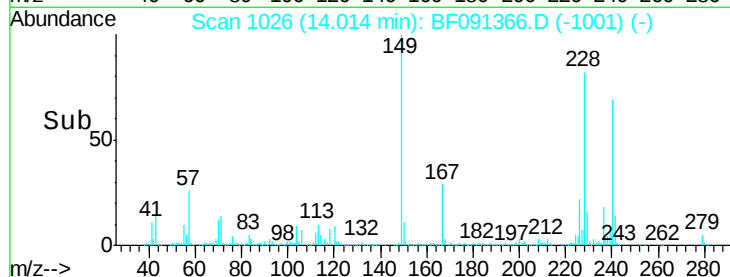
100000

0

14.01

13.90 14.00 14.10

Time-->



#84

Di-n-octyl phthalate

Concen: 51.30 ng

RT: 14.62 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF091366.D

Acq: 30 Nov 2016 20:42

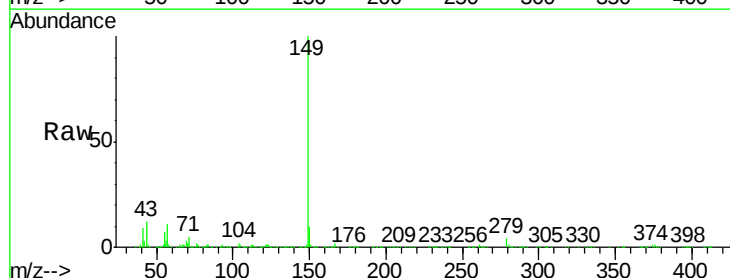
Tgt Ion:149 Resp: 967803

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 15.6 11.9 17.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

1500000

1000000

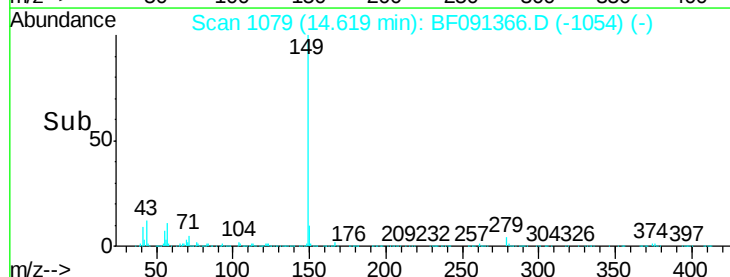
500000

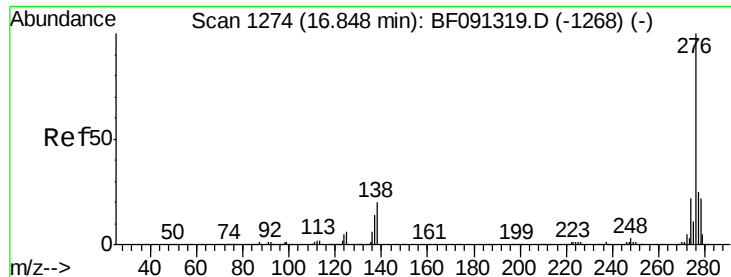
0

14.62

14.50 14.60 14.70

Time-->





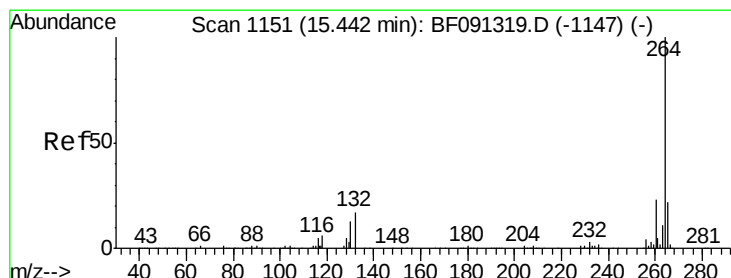
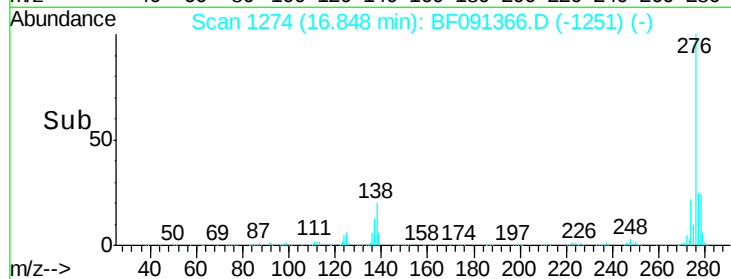
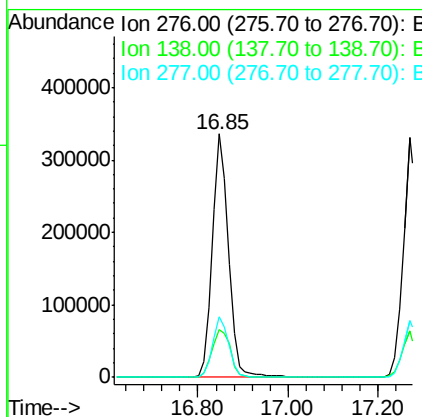
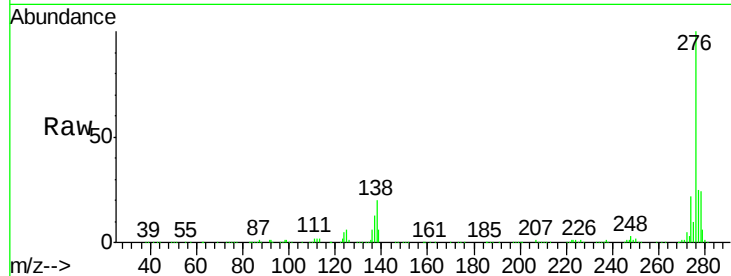
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.19 ng
RT: 16.85 min Scan# 1274
Delta R.T. -0.04 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	21.0	31.4
277	25.0	20.2	30.2

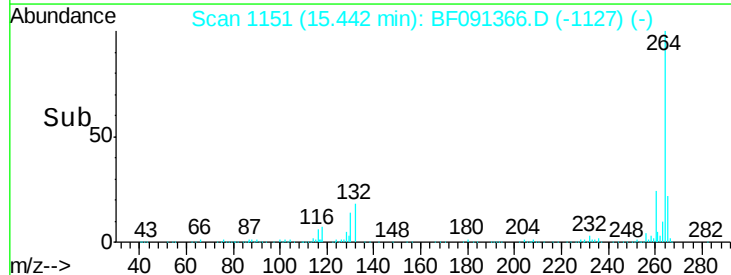
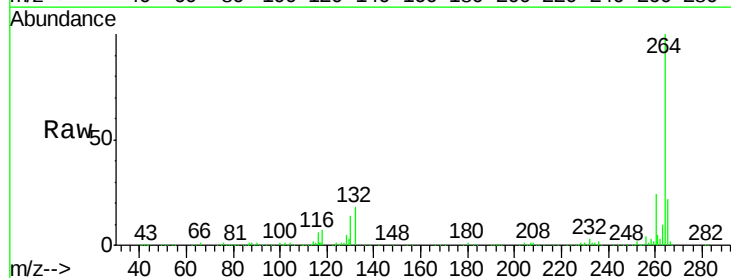
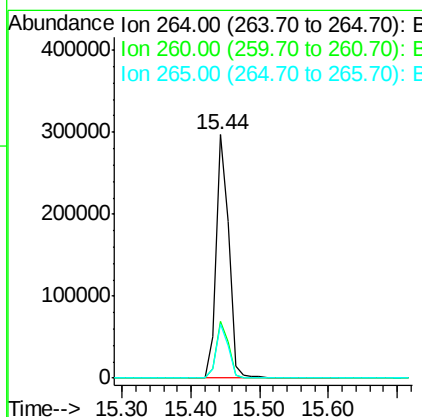
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	22.4	17.0	25.6





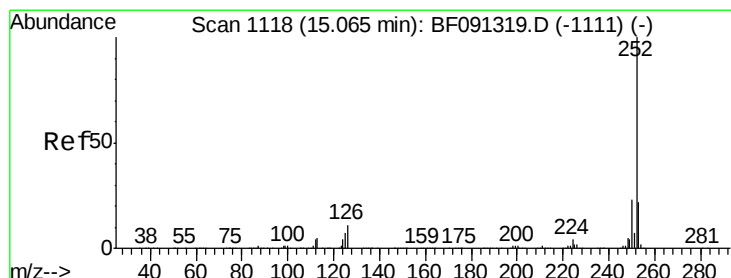
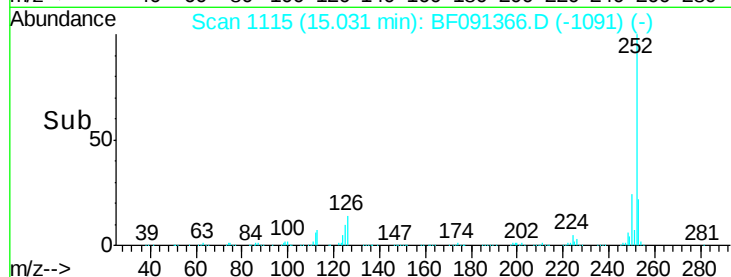
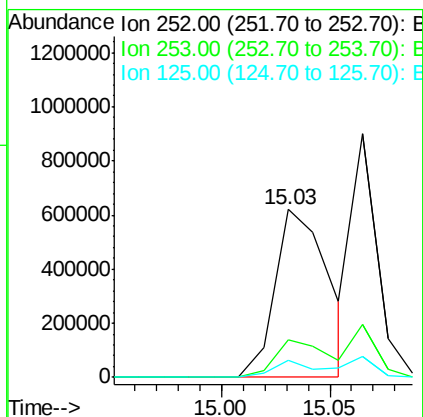
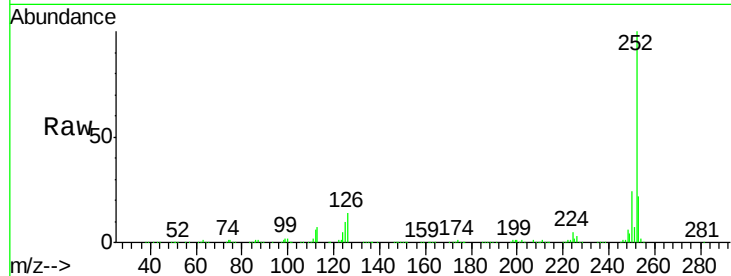
#87
Benzo(b)fluoranthene
Concen: 44.10 ng
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	10.3	8.6	13.0

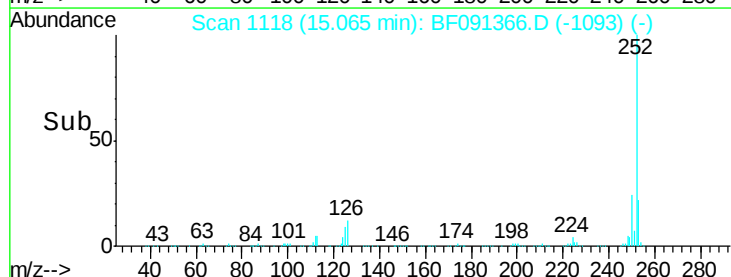
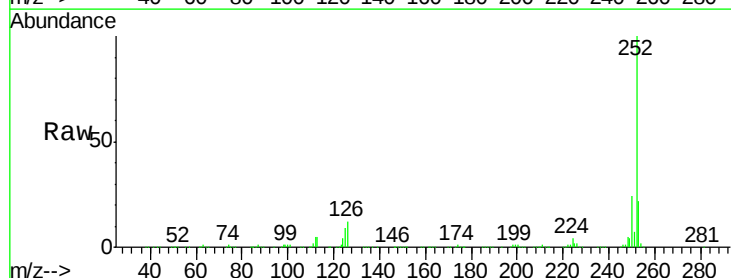
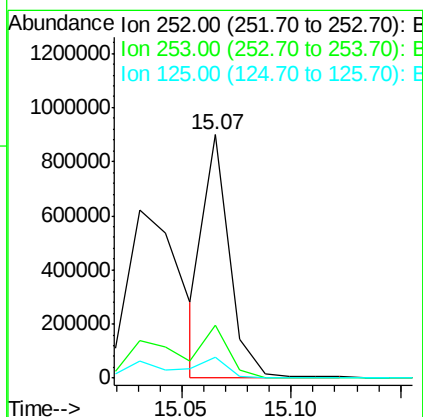
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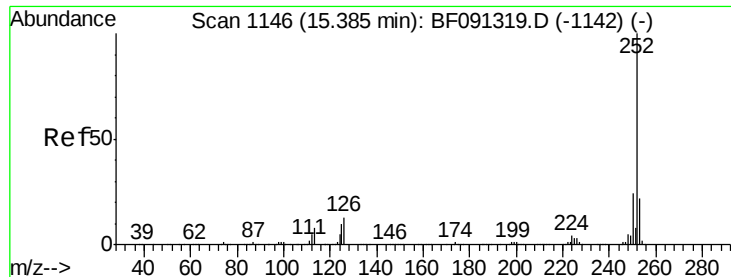
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#88
Benzo(k)fluoranthene
Concen: 36.41 ng m
RT: 15.07 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	8.5	9.6	14.4#





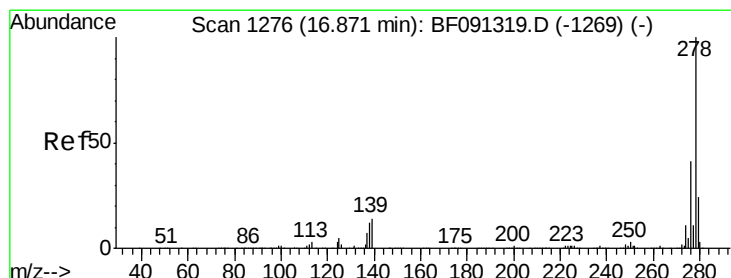
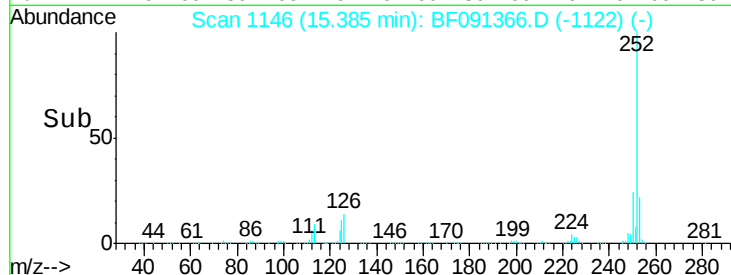
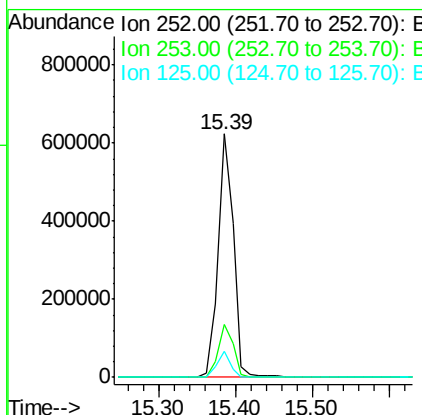
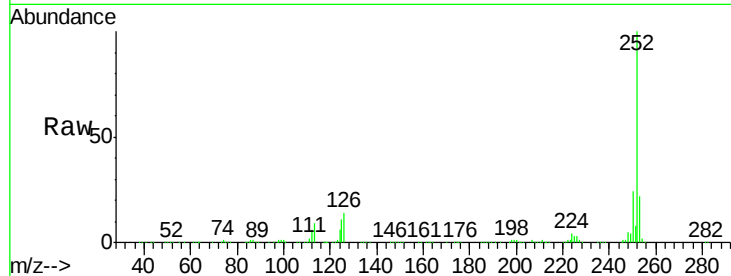
#89
Benzo(a)pyrene
Concen: 40.18 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	10.7	10.4	15.6

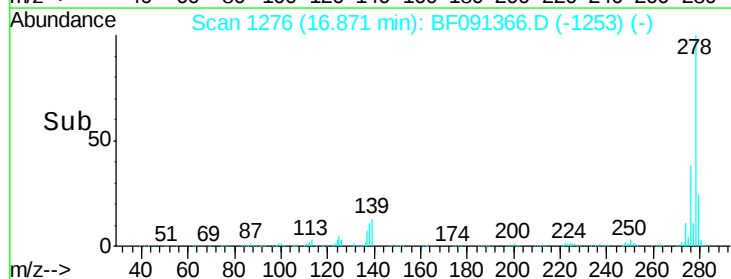
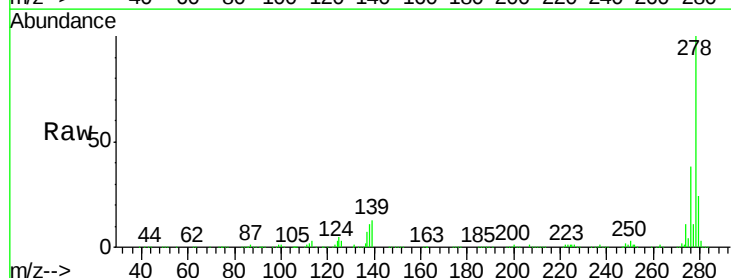
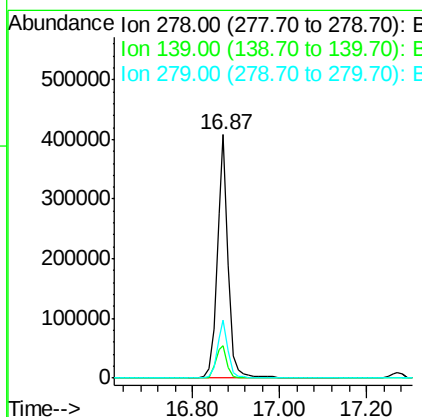
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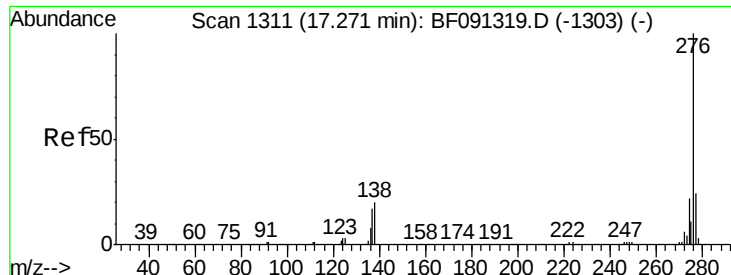
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#90
Dibenzo(a,h)anthracene
Concen: 36.41 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF091366.D
Acq: 30 Nov 2016 20:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.5	15.1	22.7#
279	23.8	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 34.05 ng
 RT: 17.27 min Scan# 1311
 Delta R.T. -0.04 min
 Lab File: BF091366.D
 Acq: 30 Nov 2016 20:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	703961
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.0	28.4
138	19.3	15.4	23.0

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