

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
 Data File : BF091319.D
 Acq On : 29 Nov 2016 11:25
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

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 11/30/2016 10:32:14 AM

Quant Time: Nov 29 12:28:24 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 12:14:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	167362	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	640281	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	371117	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	601886	20.00	ng	0.00
75) Chrysene-d12	14.01	240	395513	20.00	ng	0.00
86) Perylene-d12	15.44	264	348317	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	803753	77.16	ng	0.00
7) Phenol-d6	6.49	99	945193	70.62	ng	0.00
23) Nitrobenzene-d5	7.43	82	881552	79.26	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	258428	69.05	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1634116	72.10	ng	0.00
78) Terphenyl-d14	12.97	244	1572629	90.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	179391	36.51	ng	89
3) Pyridine	3.19	79	520770	39.43	ng	87
4) n-Nitrosodimethylamine	3.13	42	265584	36.73	ng	98
6) Aniline	6.53	93	655290	38.30	ng	# 69
8) 2-Chlorophenol	6.65	128	438797	38.67	ng	98
9) Benzaldehyde	6.41	77	322290	44.50	ng	81
10) Phenol	6.50	94	568392	38.07	ng	93
11) bis(2-Chloroethyl)ether	6.61	93	389770	35.51	ng	88
12) 1,3-Dichlorobenzene	6.80	146	454866m	36.77	ng	
13) 1,4-Dichlorobenzene	6.88	146	466821	36.87	ng	97
14) 1,2-Dichlorobenzene	7.04	146	444982m	37.04	ng	
15) Benzyl Alcohol	7.01	79	413014	39.74	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	888921	36.94	ng	71
17) 2-Methylphenol	7.12	107	358803	39.97	ng	# 76
18) Hexachloroethane	7.38	117	177293	39.33	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	284658	33.91	ng	# 95
20) 3+4-Methylphenols	7.27	107	386488	35.07	ng	# 76
22) Acetophenone	7.28	105	626821	43.39	ng	97
24) Nitrobenzene	7.45	77	471220	40.04	ng	# 75
25) Isophorone	7.69	82	819028	39.42	ng	98
26) 2-Nitrophenol	7.76	139	200161	42.41	ng	98
27) 2,4-Dimethylphenol	7.81	122	417589	42.16	ng	94
28) bis(2-Chloroethoxy)methane	7.90	93	445284	36.00	ng	99
29) 2,4-Dichlorophenol	8.00	162	329103	37.60	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	391963	38.87	ng	99
31) Naphthalene	8.17	128	1193364	38.75	ng	99
32) Benzoic acid	7.92	122	315156	40.40	ng	92
33) 4-Chloroaniline	8.22	127	488098	36.43	ng	95
34) Hexachlorobutadiene	8.30	225	246608	41.37	ng	98
35) Caprolactam	8.58	113	102839	38.11	ng	91
36) 4-Chloro-3-methylphenol	8.70	107	368669	39.19	ng	97
37) 2-Methylnaphthalene	8.87	142	819961	38.79	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	365366	36.33	ng	99
40) Hexachlorocyclopentadiene	9.02	237	188921	41.97	ng	98

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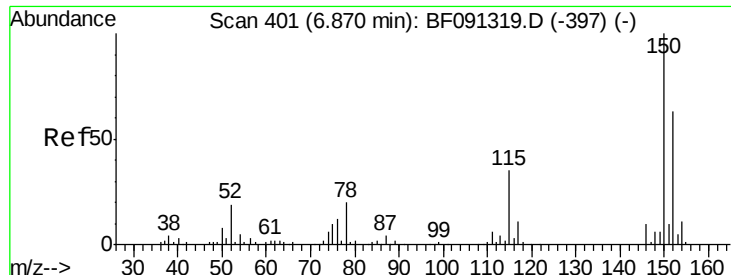
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	268879	38.77	ng	95
43) 2,4,5-Trichlorophenol	9.18	196	272250	40.86	ng	94
45) 1,1'-Biphenyl	9.33	154	917630	34.30	ng	98
46) 2-Chloronaphthalene	9.35	162	695783	35.50	ng	98
47) 2-Nitroaniline	9.44	65	249867	37.57	ng	# 75
48) Acenaphthylene	9.77	152	1179094	37.54	ng	99
49) Dimethylphthalate	9.64	163	890635	38.44	ng	99
50) 2,6-Dinitrotoluene	9.69	165	205765	40.65	ng	# 60
51) Acenaphthene	9.94	154	840911	39.34	ng	96
52) 3-Nitroaniline	9.85	138	194635	35.77	ng	89
53) 2,4-Dinitrophenol	9.96	184	94149	51.28	ng	91
54) Dibenzofuran	10.12	168	1072185	35.66	ng	# 89
55) 4-Nitrophenol	10.00	139	160461	40.88	ng	94
56) 2,4-Dinitrotoluene	10.09	165	267965	41.84	ng	# 88
57) Fluorene	10.45	166	799277	34.74	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	233782	39.90	ng	92
59) Diethylphthalate	10.33	149	858224	36.81	ng	95
60) 4-Chlorophenyl-phenylether	10.45	204	389038	36.70	ng	91
61) 4-Nitroaniline	10.47	138	221813	43.69	ng	92
62) Azobenzene	10.61	77	934253	39.50	ng	93
64) 4,6-Dinitro-2-methylphenol	10.49	198	129220	47.34	ng	# 77
65) n-Nitrosodiphenylamine	10.56	169	678308	37.12	ng	100
66) 4-Bromophenyl-phenylether	10.94	248	267940	40.73	ng	# 80
67) Hexachlorobenzene	11.00	284	253446	35.14	ng	# 72
68) Atrazine	11.09	200	204413	42.38	ng	98
69) Pentachlorophenol	11.19	266	178421	41.82	ng	95
70) Phenanthrene	11.41	178	1131492	36.24	ng	99
71) Anthracene	11.46	178	1293743	40.52	ng	99
72) Carbazole	11.61	167	1036888	36.49	ng	99
73) Di-n-butylphthalate	11.96	149	1314096	39.94	ng	100
74) Fluoranthene	12.60	202	1249163	39.33	ng	99
76) Benzidine	12.71	184	489642	63.88	ng	99
77) Pyrene	12.83	202	1301259	44.53	ng	99
79) Butylbenzylphthalate	13.44	149	448714	38.37	ng	# 84
80) Benzo(a)anthracene	14.00	228	913671	40.70	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	311747	42.11	ng	# 98
82) Chrysene	14.05	228	947739	44.68	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	591024	40.59	ng	# 92
84) Di-n-octyl phthalate	14.62	149	885676	38.65	ng	97
85) Indeno(1,2,3-cd)pyrene	16.85	276	881820	48.27	ng	96
87) Benzo(b)fluoranthene	15.03	252	953302m	43.38	ng	
88) Benzo(k)fluoranthene	15.07	252	608353m	33.90	ng	
89) Benzo(a)pyrene	15.39	252	740392	39.61	ng	# 96
90) Dibenzo(a,h)anthracene	16.87	278	742284	43.01	ng	# 95
91) Benzo(g,h,i)perylene	17.27	276	782617	45.72	ng	99

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



#1

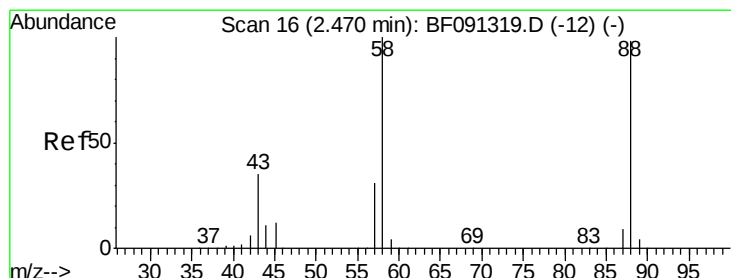
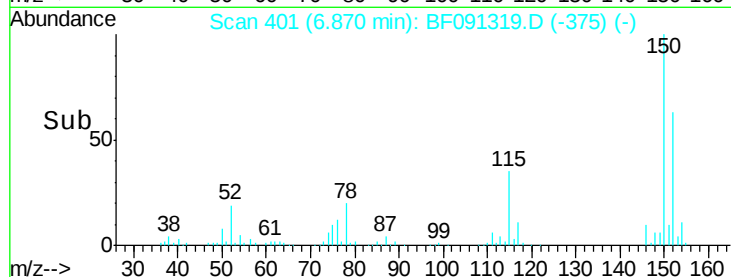
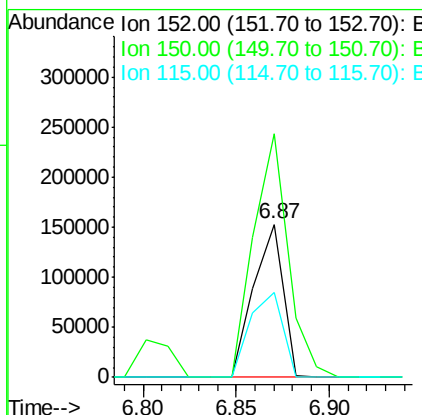
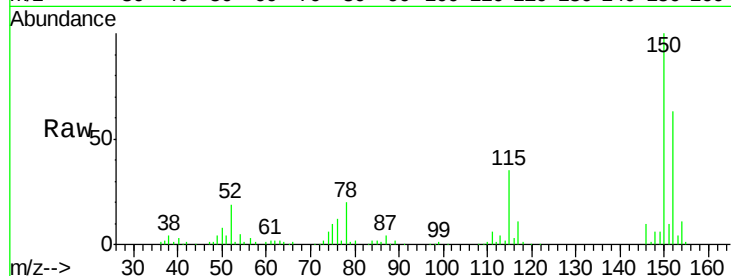
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.0	122.5	183.7
115	55.1	51.8	77.8

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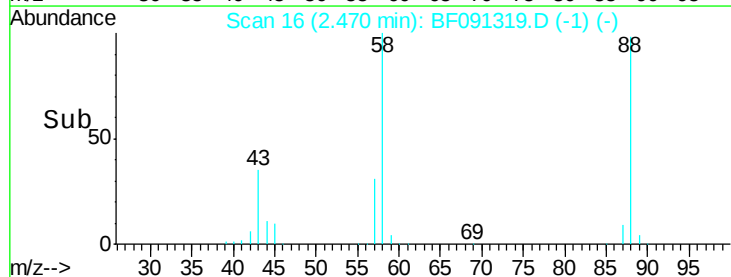
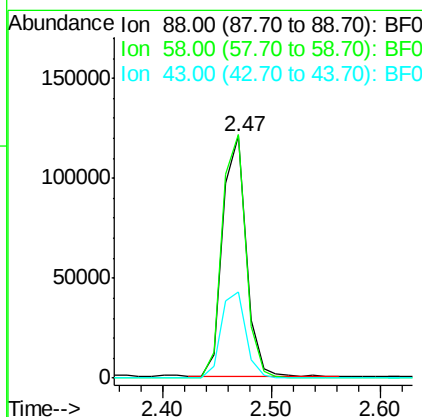
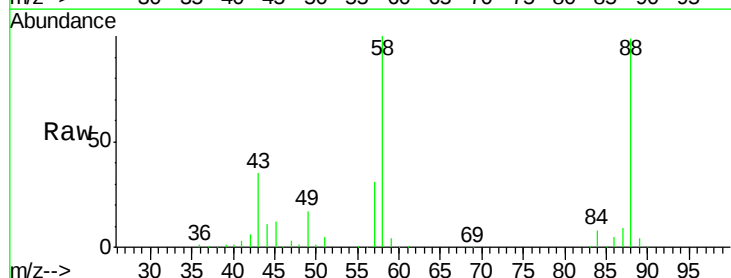
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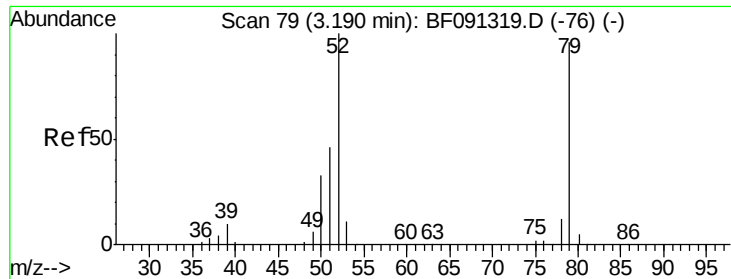


#2

1,4-Dioxane
Concen: 36.51 ng
RT: 2.47 min Scan# 16
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.4	70.3	105.5
43	38.0	31.3	46.9





#3

Pyridine

Concen: 39.43 ng

RT: 3.19 min Scan# 79

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

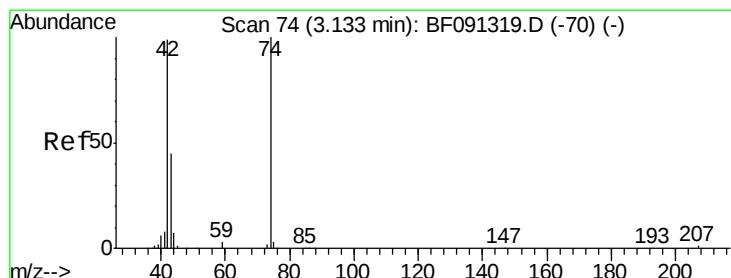
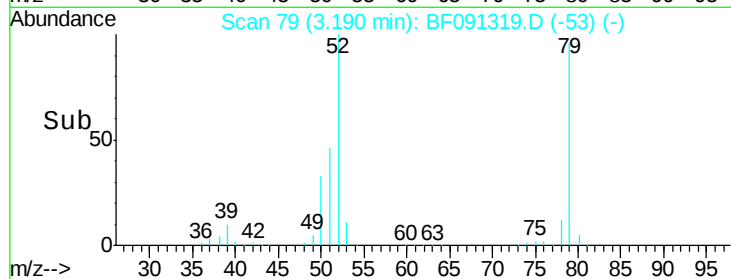
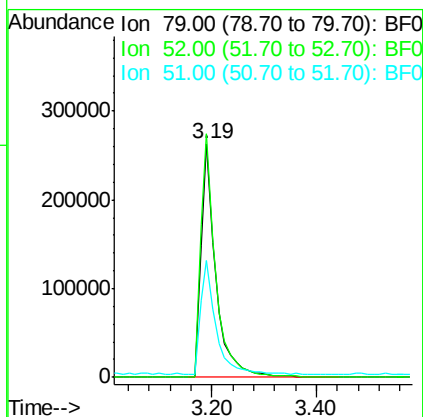
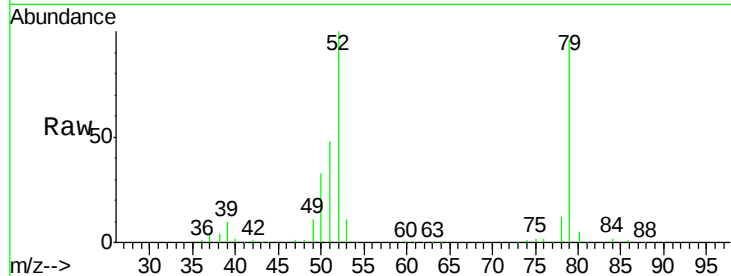
ClientSampleId :

SSTDICCC040

Tgt Ion:	79	Resp:	520770
Ion	Ratio	Lower	Upper
79	100		
52	104.1	71.0	106.4
51	49.9	37.0	55.4

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#4

n-Nitrosodimethylamine

Concen: 36.73 ng

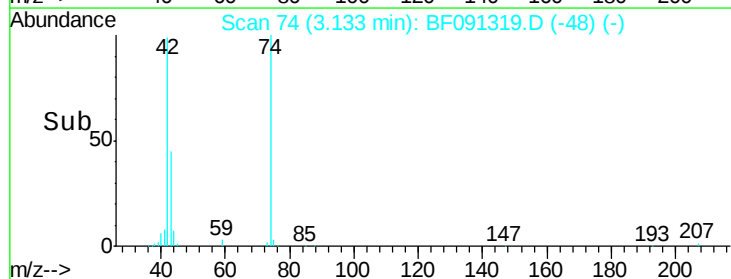
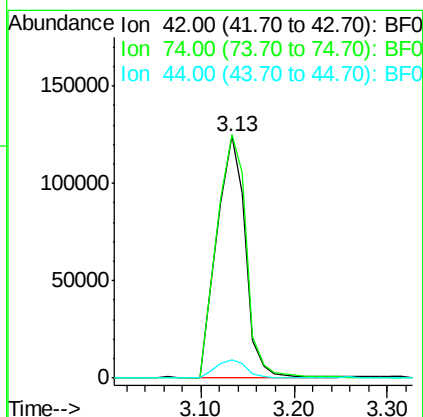
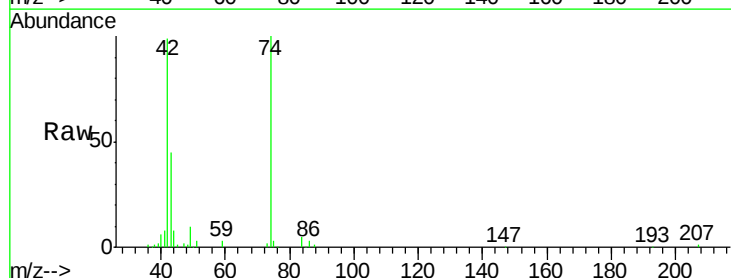
RT: 3.13 min Scan# 74

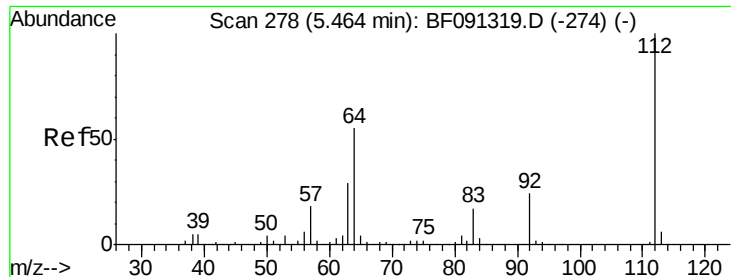
Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Tgt Ion:	42	Resp:	265584
Ion	Ratio	Lower	Upper
42	100		
74	100.7	78.9	118.3
44	7.6	5.8	8.6





#5

2-Fluorophenol

Concen: 77.16 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

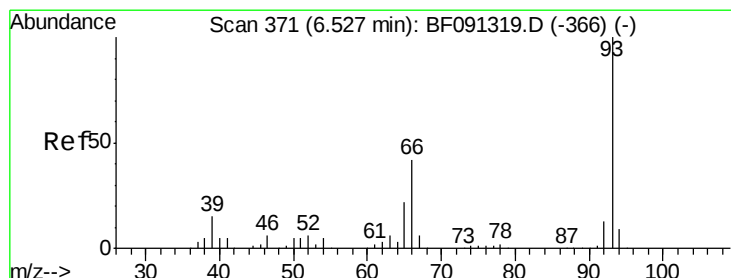
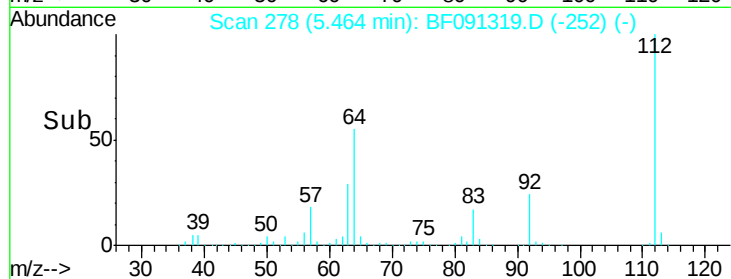
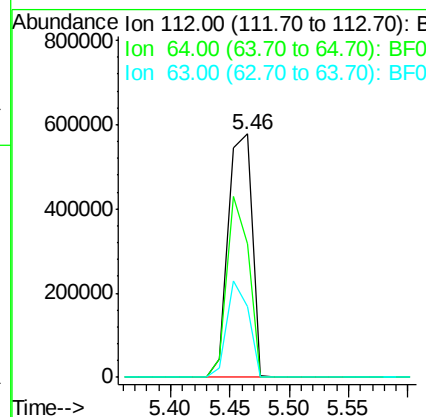
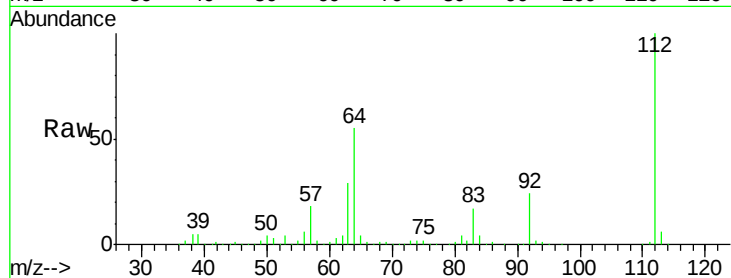
ClientSampleId :

SSTDICCC040

Tgt Ion:	112	Resp:	803753
Ion Ratio	Lower	Upper	
112	100		
64	54.9	61.5	92.3#
63	29.0	33.3	49.9#

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#6

Aniline

Concen: 38.30 ng

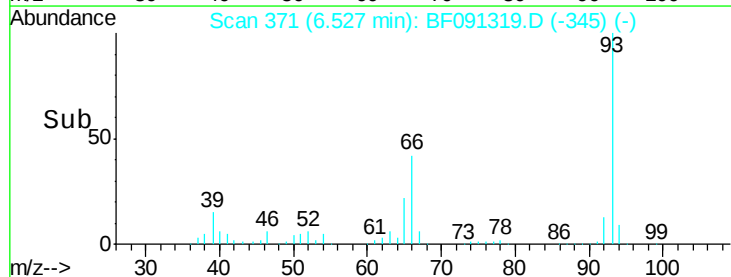
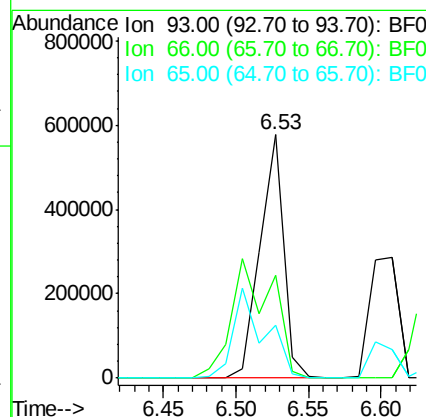
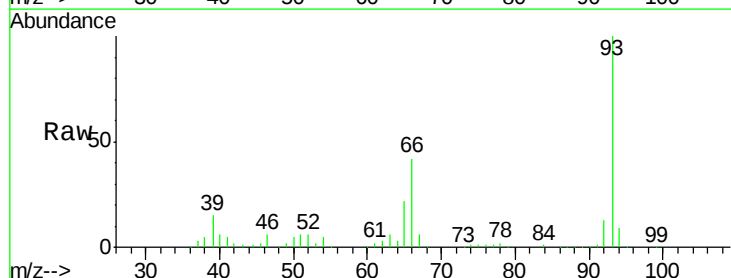
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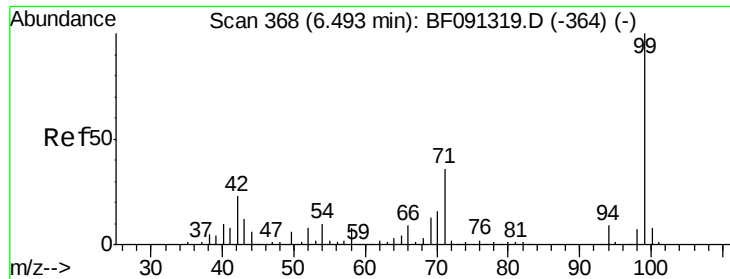
Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Tgt Ion:	93	Resp:	655290
Ion Ratio	Lower	Upper	
93	100		
66	42.5	55.8	83.6#
65	21.9	29.9	44.9#





#7

Phenol-d6

Concen: 70.62 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

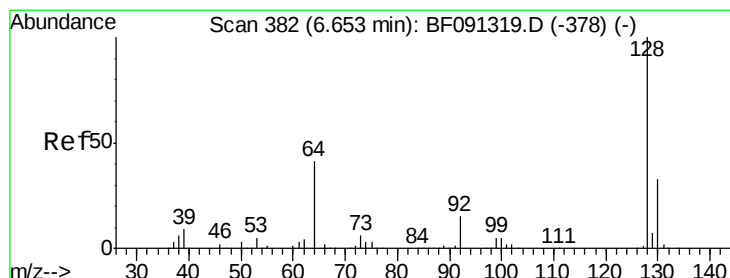
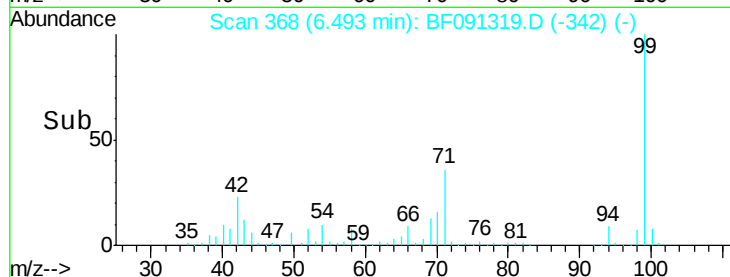
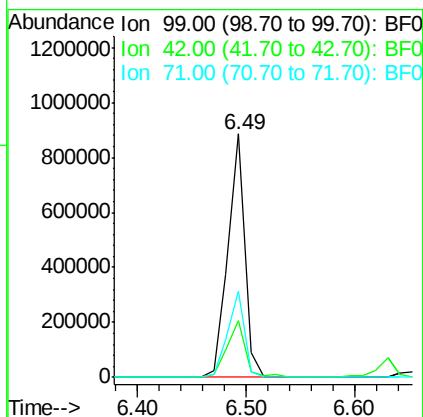
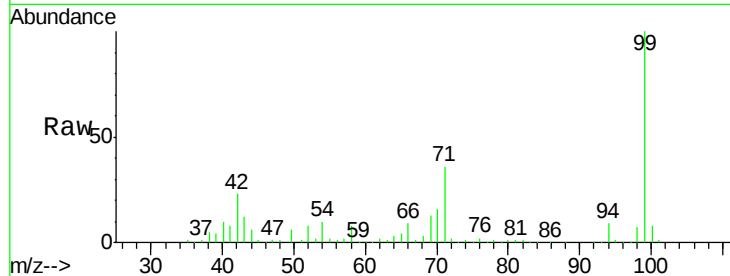
ClientSampleId :

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Tgt Ion:	99	Resp:	945193
Ion Ratio	Lower	Upper	
99	100		
42	23.1	20.6	31.0
71	35.5	29.9	44.9

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#8

2-Chlorophenol

Concen: 38.67 ng

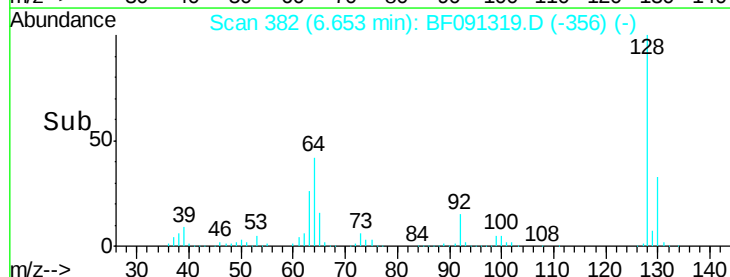
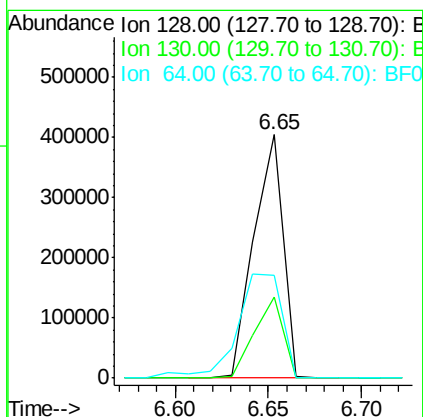
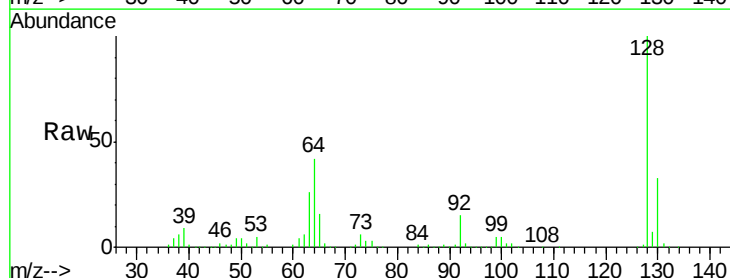
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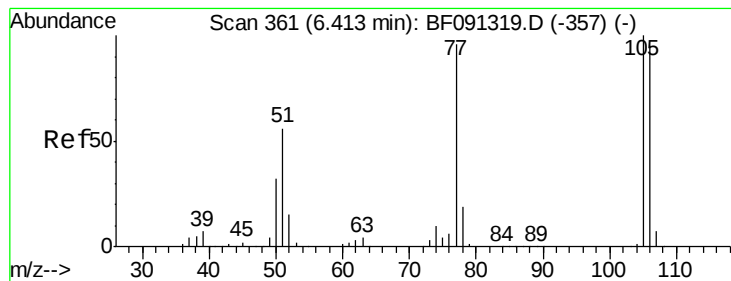
Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Tgt Ion:	128	Resp:	438797
Ion Ratio	Lower	Upper	
128	100		
130	33.4	13.1	53.1
64	42.3	24.1	64.1





#9

Benzaldehyde

Concen: 44.50 ng

RT: 6.41 min Scan# 361

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

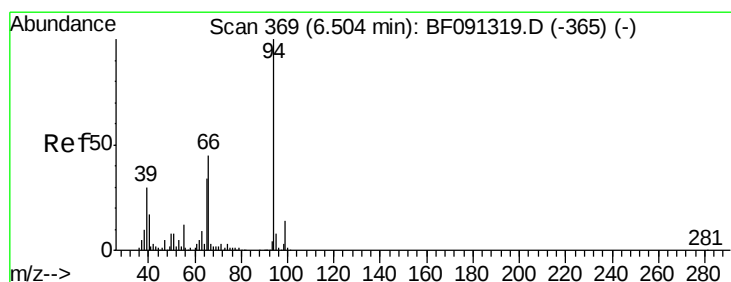
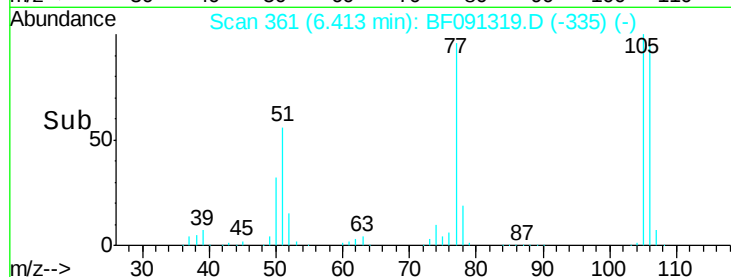
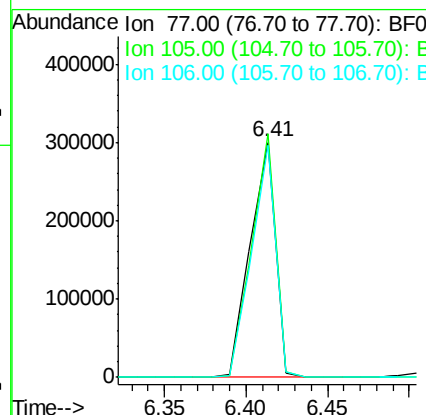
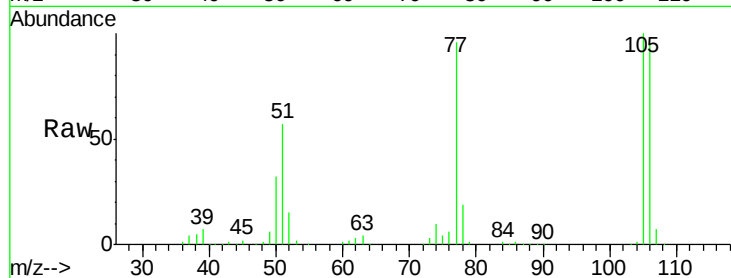
ClientSampleId :

SSTDICCC040

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	322290		
105	103.7	66.4	106.4	
106	98.8	60.9	100.9	

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#10

Phenol

Concen: 38.07 ng

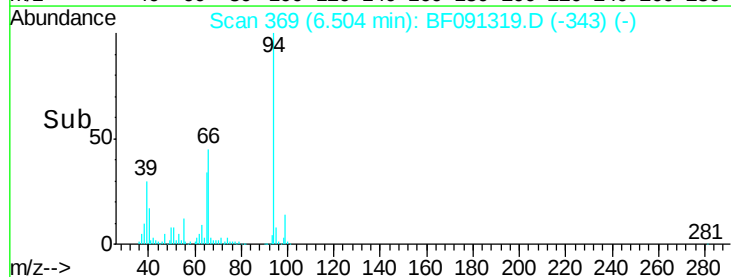
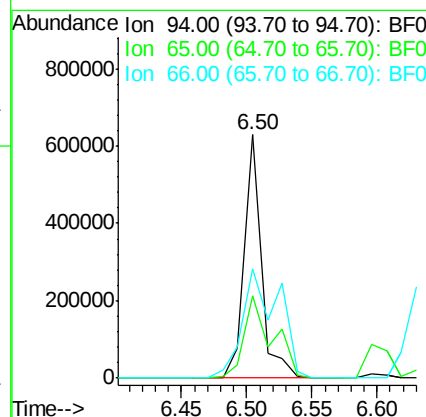
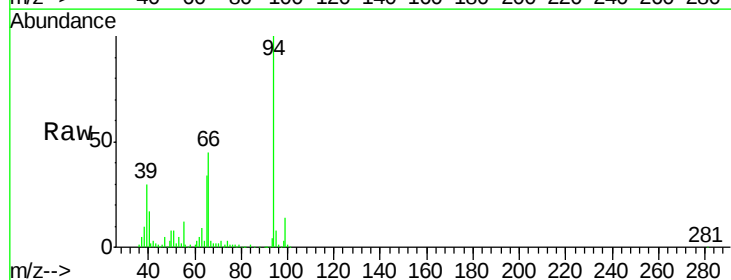
RT: 6.50 min Scan# 369

Delta R.T. 0.00 min

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Tgt Ion	Ratio	Resp	Lower	Upper
94	100	568392		
65	33.9	16.9	56.9	
66	44.9	30.6	70.6	





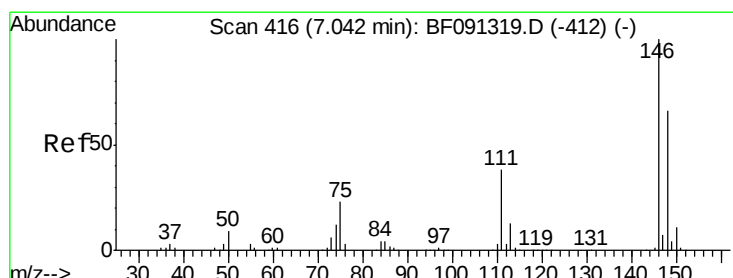
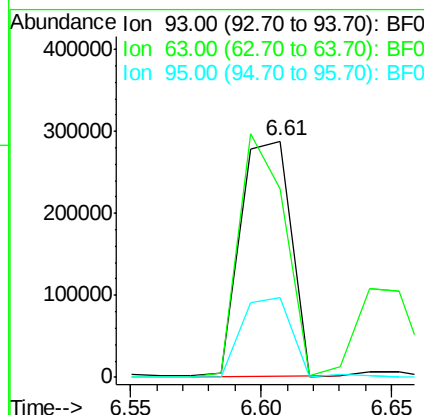
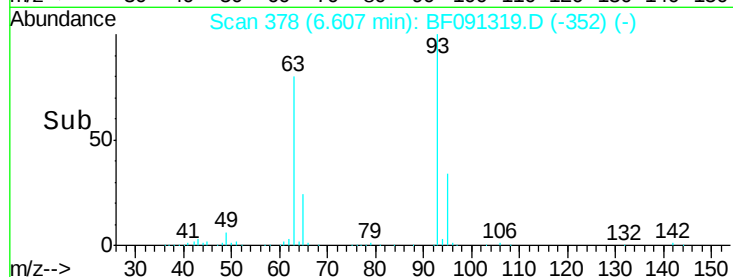
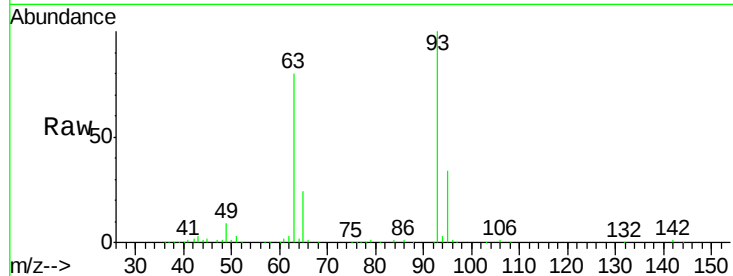
#11
bis(2-Chloroethyl)ether
Concen: 35.51 ng
RT: 6.61 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	79.9	74.8	114.8
95	34.1	12.4	52.4

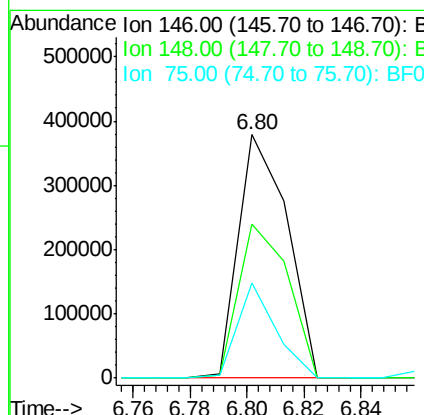
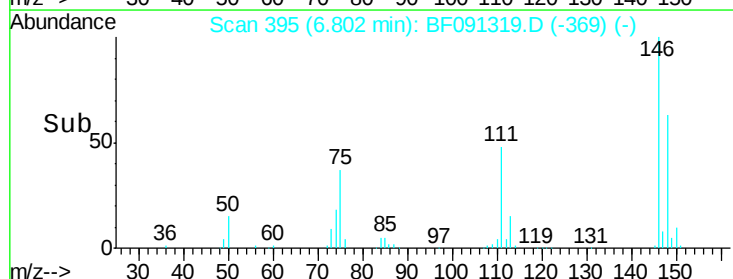
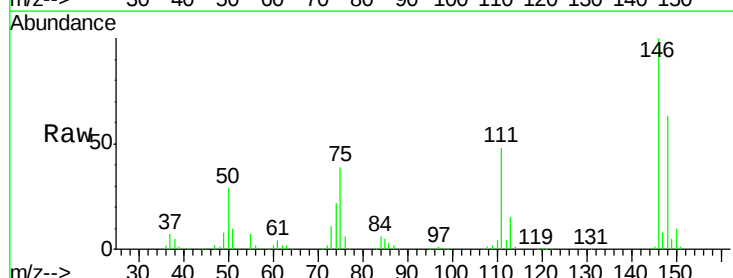
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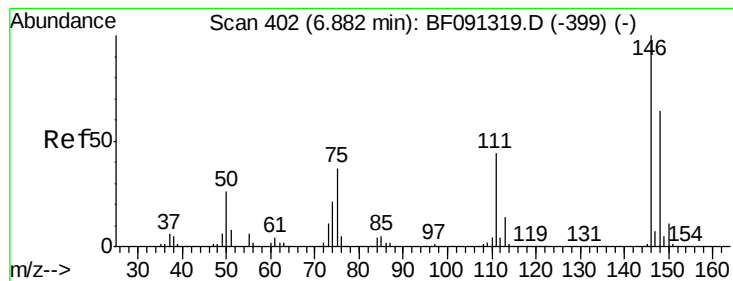
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#12
1,3-Dichlorobenzene
Concen: 36.77 ng m
RT: 6.80 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.4	77.0
75	38.9	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 36.87 ng

RT: 6.88 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

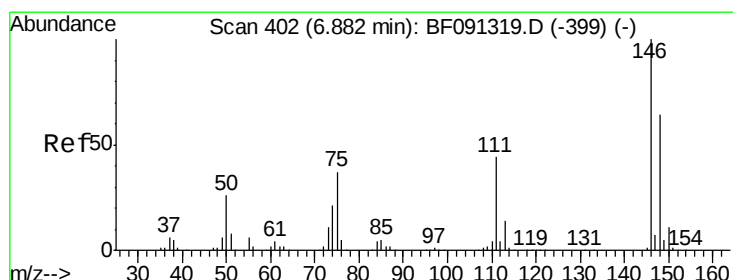
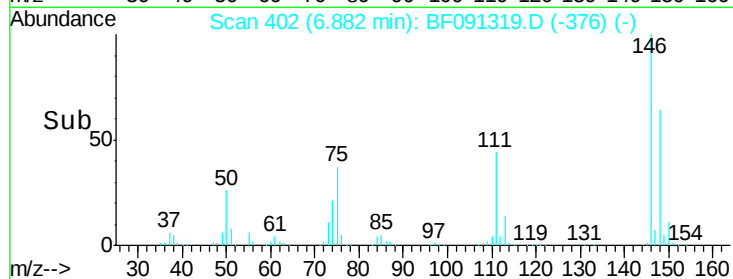
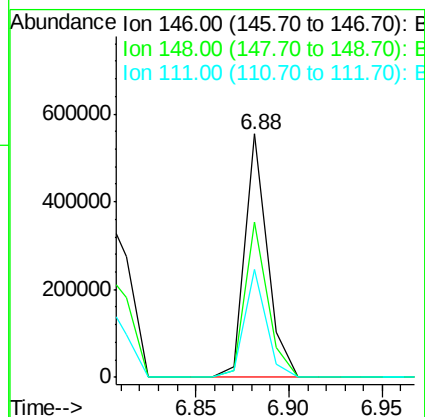
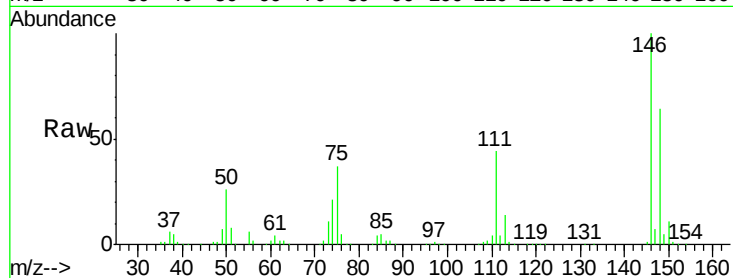
ClientSampleId :

SSTDICCC040

Tgt Ion:	146	Resp:	466821
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.4	77.0
111	44.3	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 37.04 ng m

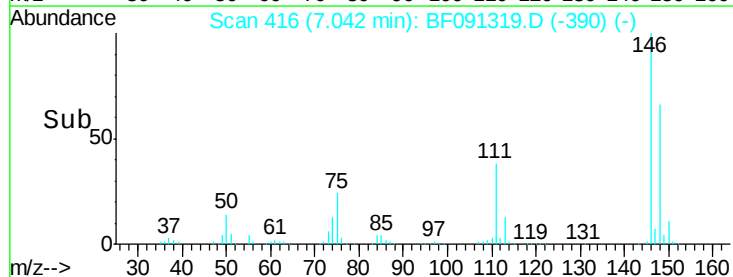
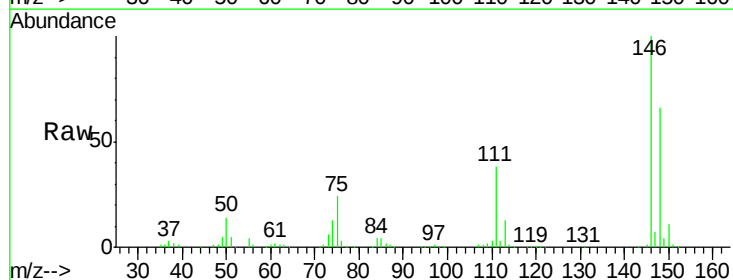
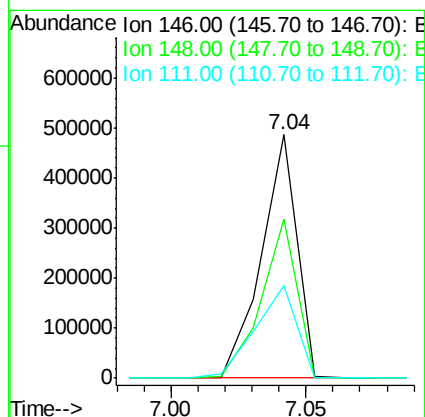
RT: 7.04 min Scan# 416

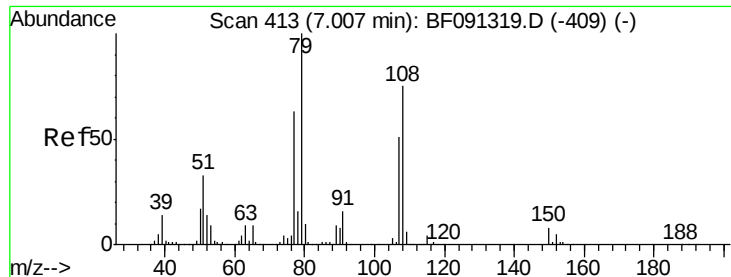
Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Tgt Ion:	146	Resp:	444982
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.0	76.6
111	37.9	38.9	58.3#





#15

Benzyl Alcohol

Concen: 39.74 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 413014
Ion Ratio Lower Upper

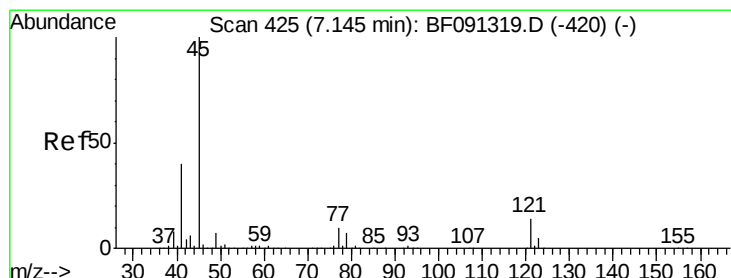
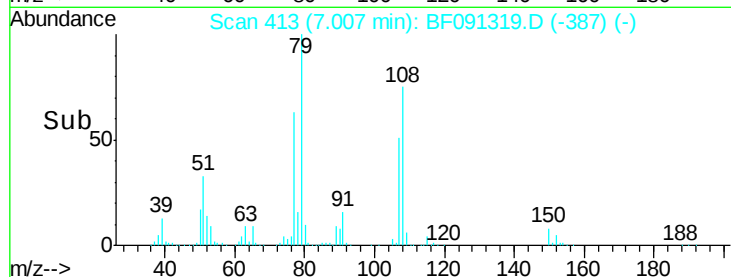
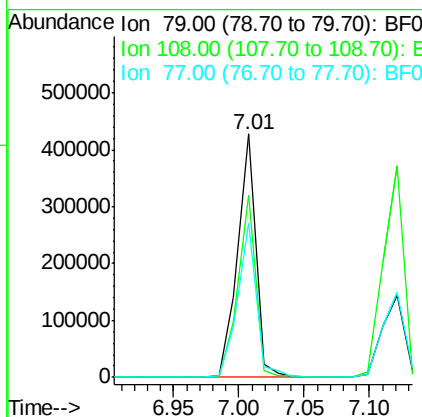
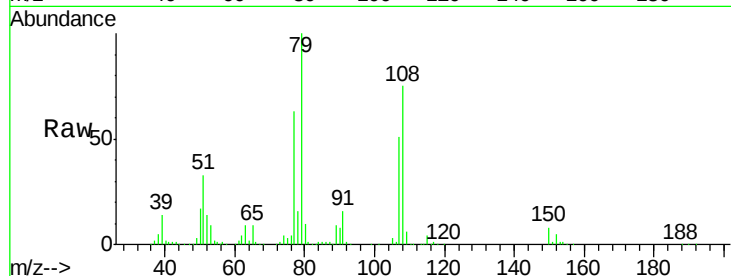
79 100

108 74.7 62.7 94.1

77 63.1 51.7 77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.94 ng

RT: 7.14 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF091319.D

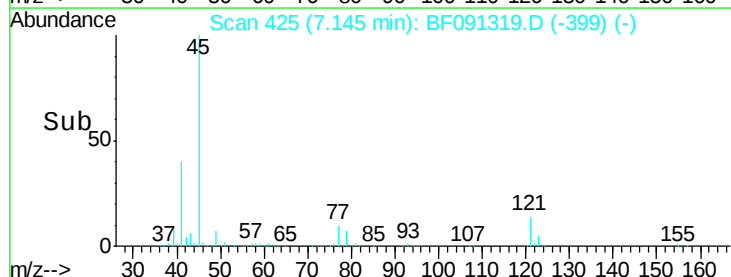
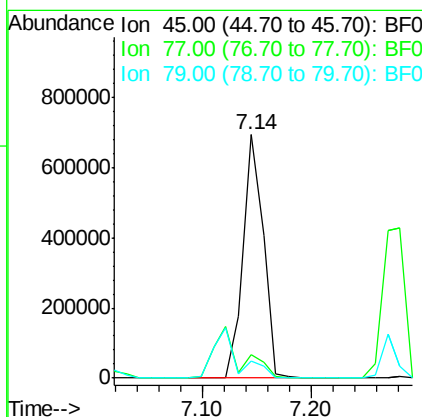
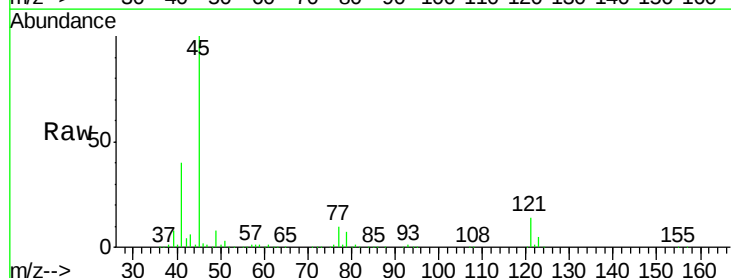
Acq: 29 Nov 2016 11:25

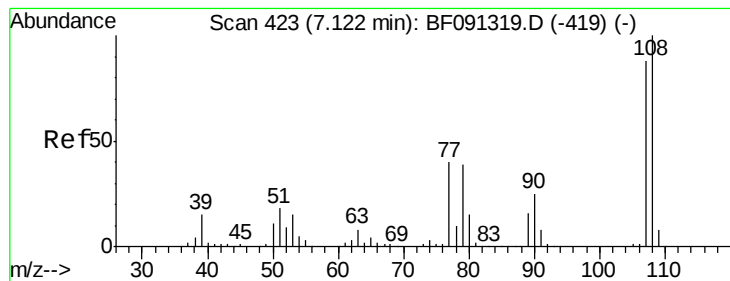
Tgt Ion: 45 Resp: 888921
Ion Ratio Lower Upper

45 100

77 9.7 3.8 43.8

79 7.1 0.2 40.2





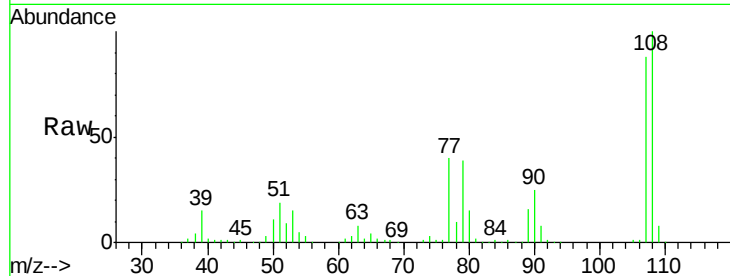
#17
2-Methylphenol
Concen: 39.97 ng
RT: 7.12 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	67.7	101.5#	
77	45.3	40.7	61.1	
79	44.1	23.4	35.2#	

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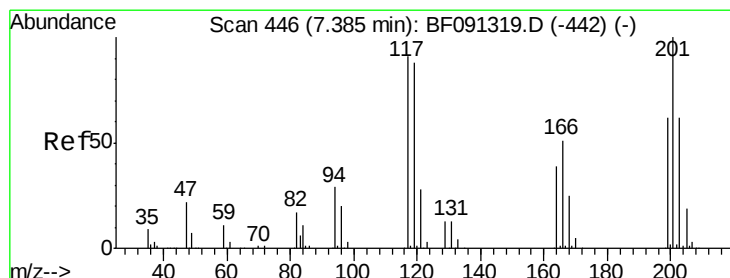
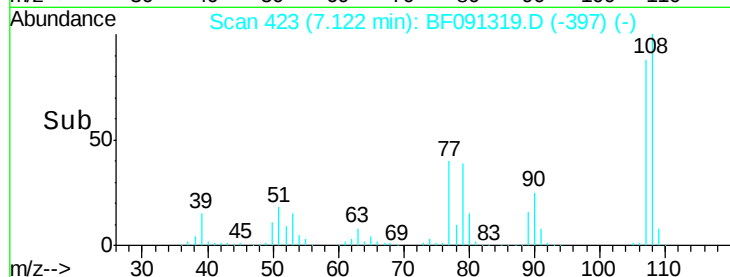
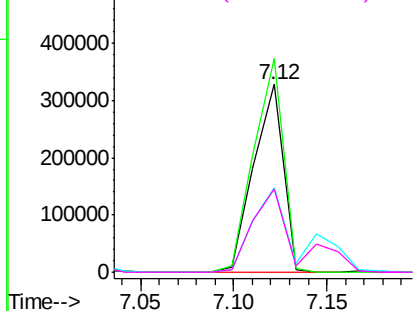
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 39.33 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

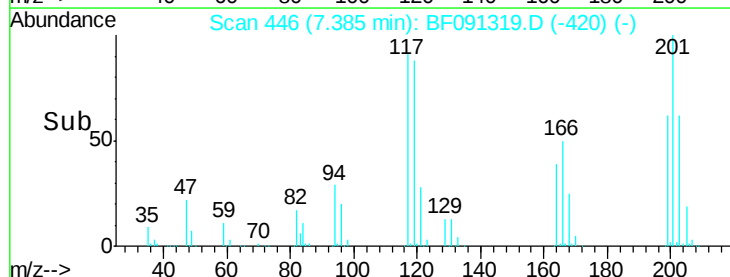
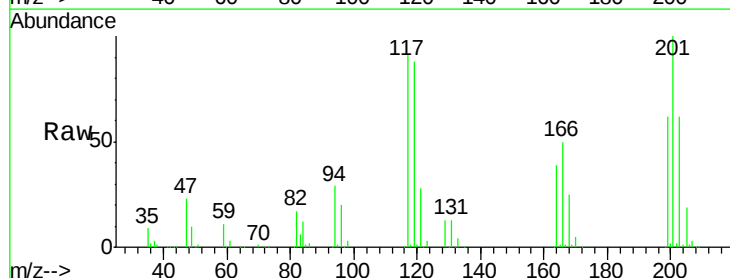
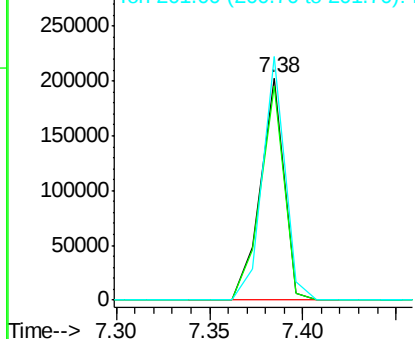
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	78.6	118.0	
201	109.5	86.7	130.1	

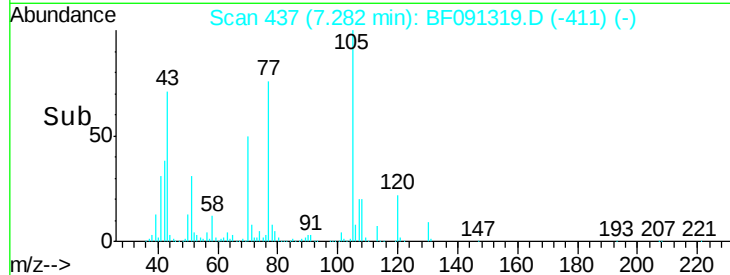
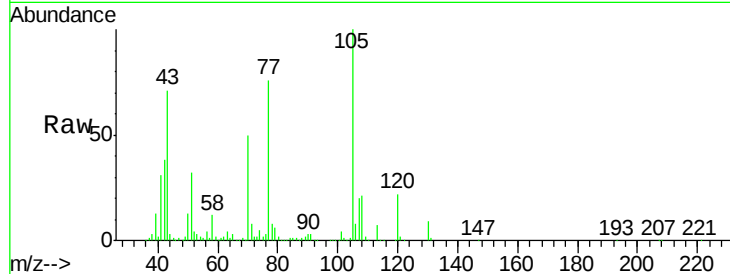
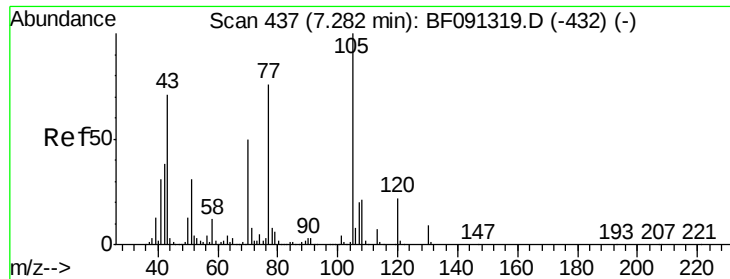
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





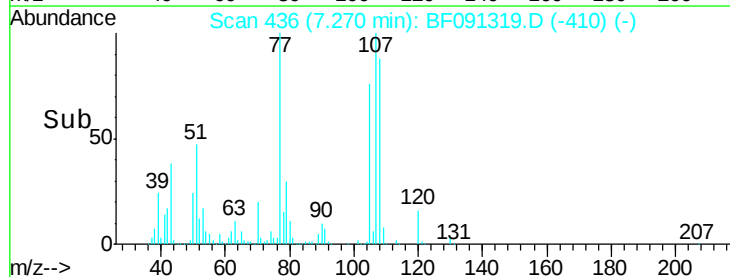
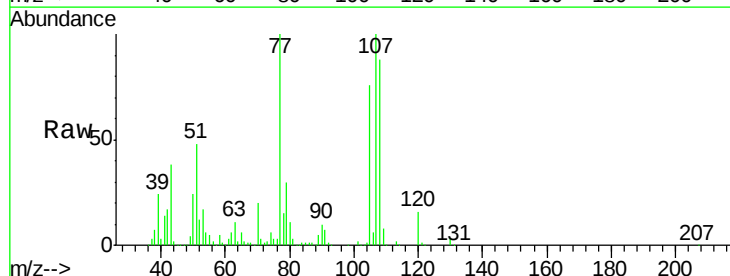
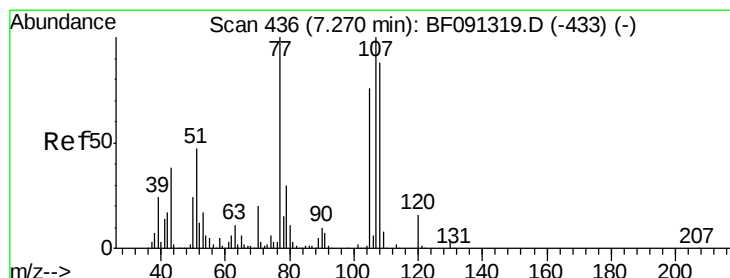
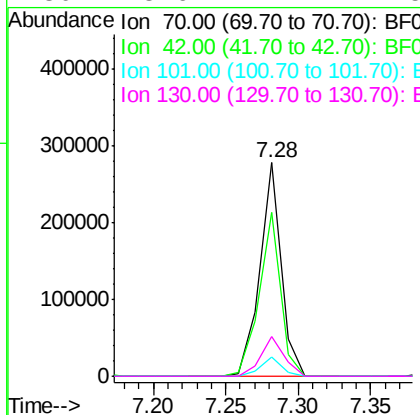
#19
n-Nitroso-di-n-propylamine
Concen: 33.91 ng
RT: 7.28 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	76.9	64.8	97.2
101	8.8	6.2	9.4
130	18.6	11.7	17.5#

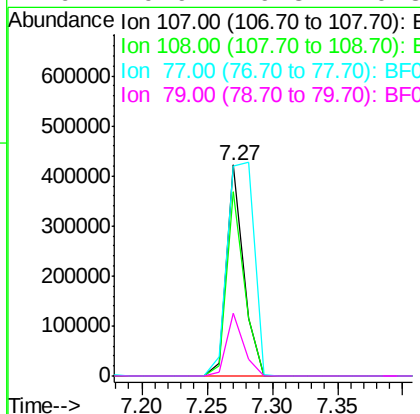
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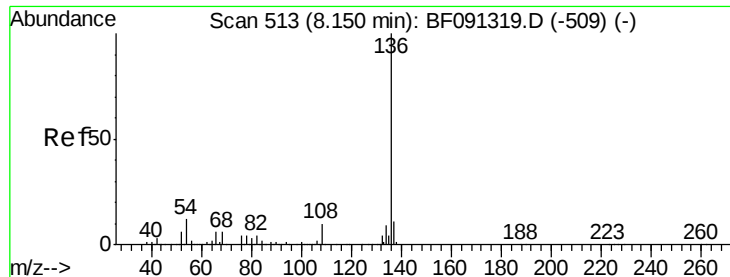
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#20
3+4-Methylphenols
Concen: 35.07 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	87.7	64.6	104.6
77	99.5	30.9	70.9#
79	29.9	9.3	49.3





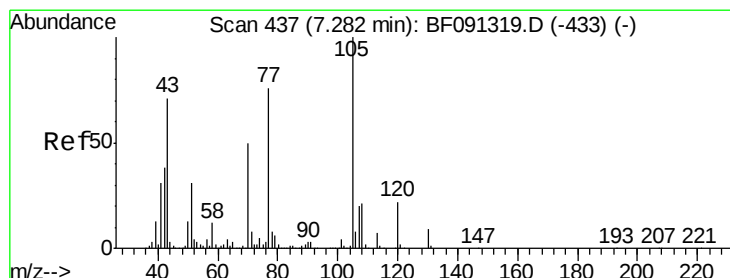
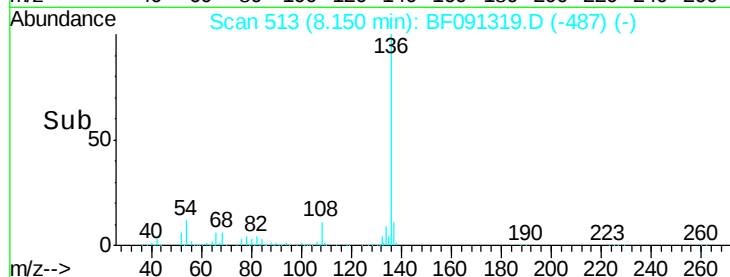
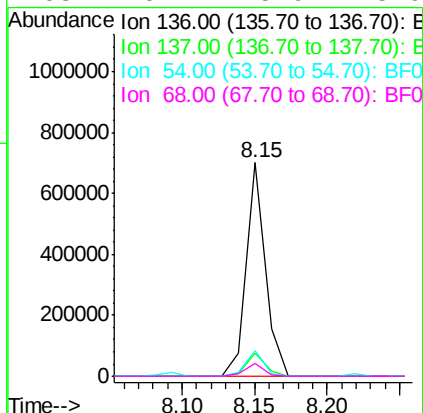
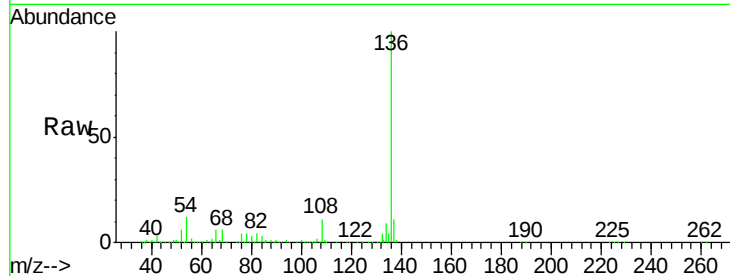
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	640281		
137	10.7	9.1	13.7	
54	12.2	9.1	13.7	
68	6.2	5.9	8.9	

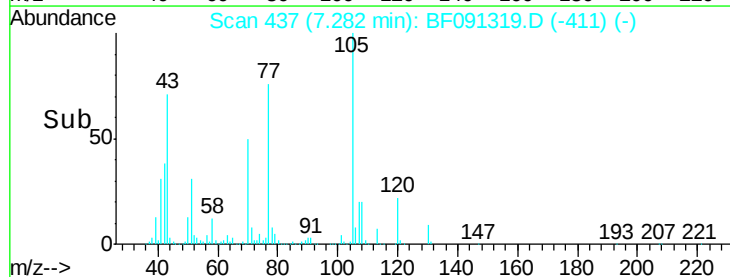
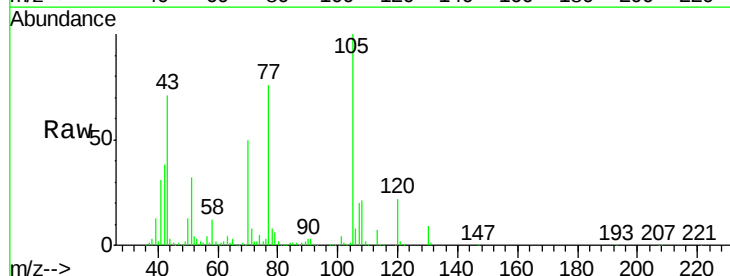
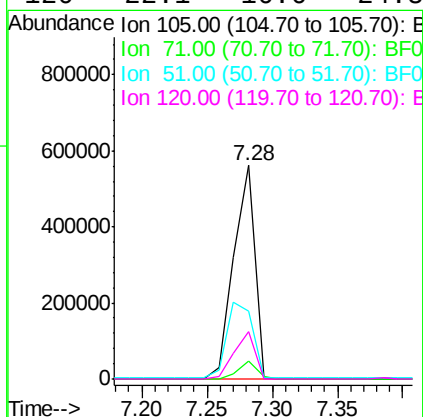
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#22
Acetophenone
Concen: 43.39 ng
RT: 7.28 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	626821		
71	8.3	7.9	11.9	
51	31.7	24.5	36.7	
120	22.1	16.6	24.8	





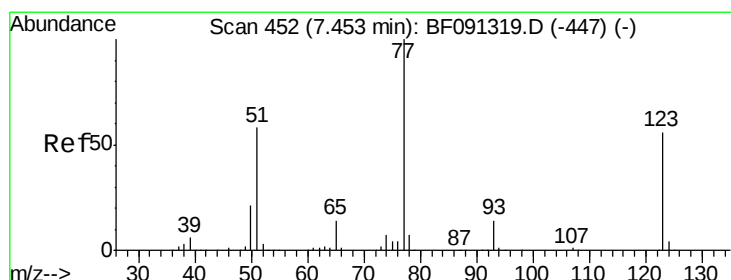
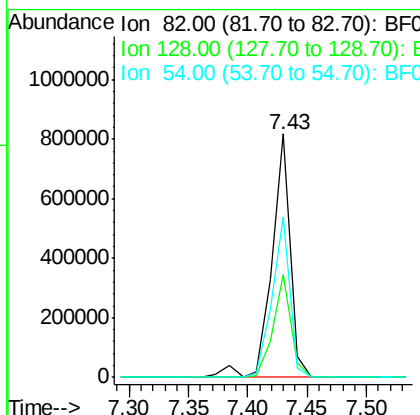
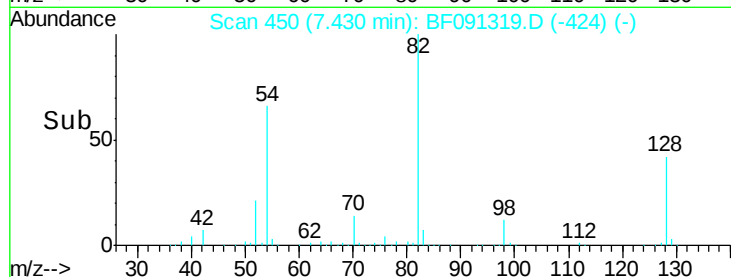
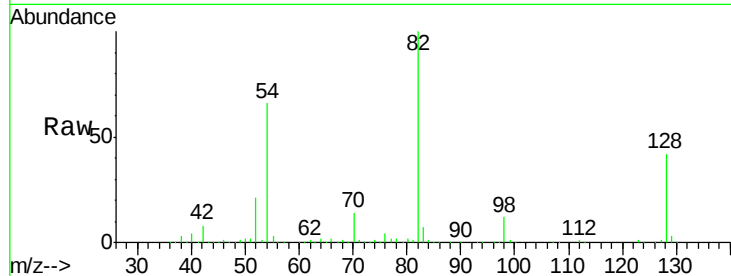
#23
 Nitrobenzene-d5
 Concen: 79.26 ng
 RT: 7.43 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	881552		
128	42.3	31.8	47.6	
54	66.0	49.1	73.7	

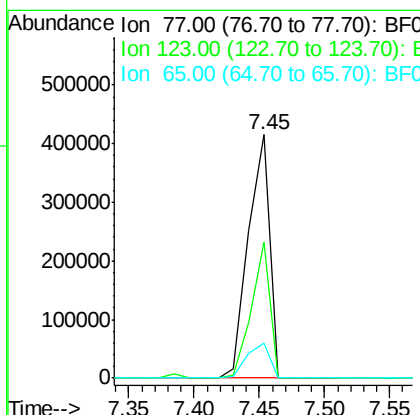
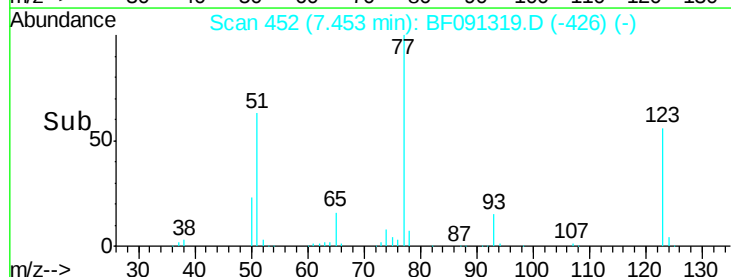
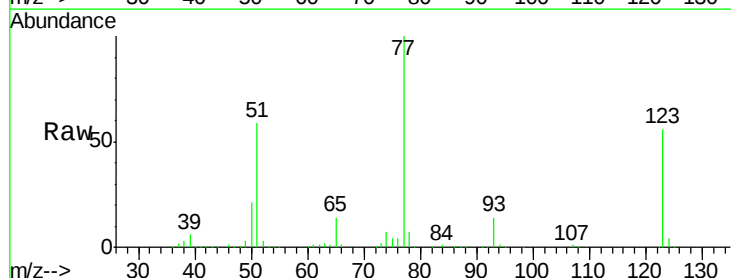
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#24
 Nitrobenzene
 Concen: 40.04 ng
 RT: 7.45 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	471220		
123	56.0	28.5	42.7#	
65	14.4	12.5	18.7	





#25

Isophorone

Concen: 39.42 ng

RT: 7.69 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 819028
Ion Ratio Lower Upper

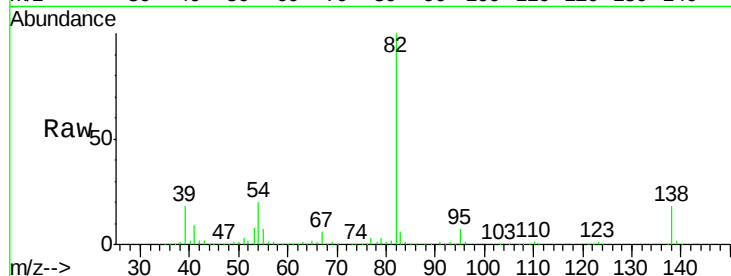
82 100

95 7.3 5.7 8.5

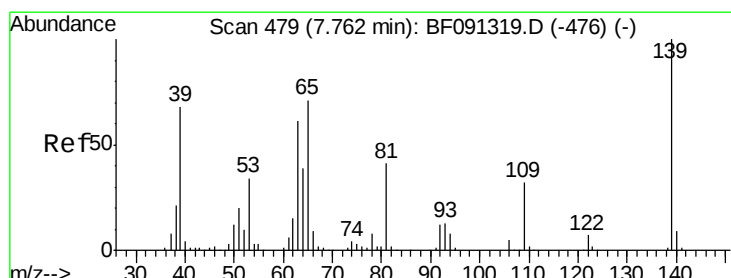
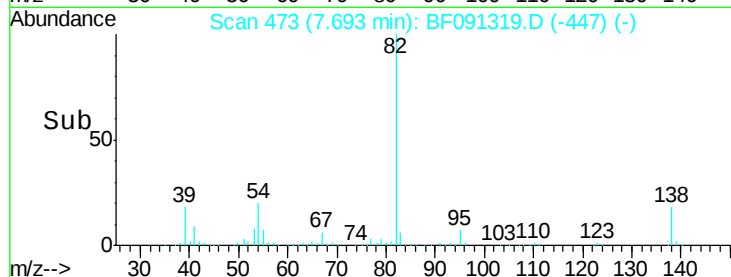
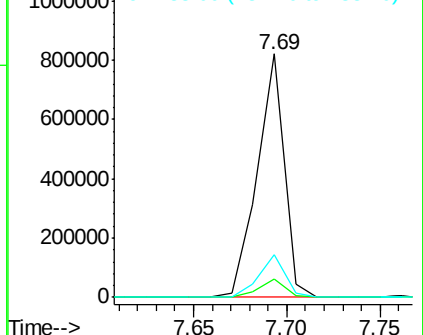
138 17.7 13.4 20.0

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.41 ng

RT: 7.76 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF091319.D

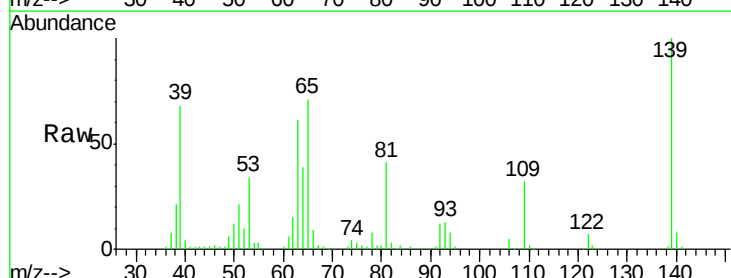
Acq: 29 Nov 2016 11:25

Tgt Ion: 139 Resp: 200161
Ion Ratio Lower Upper

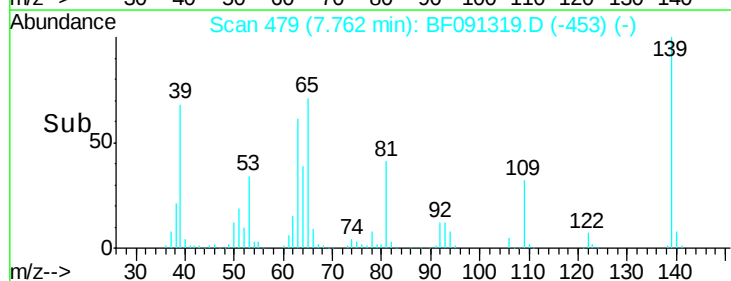
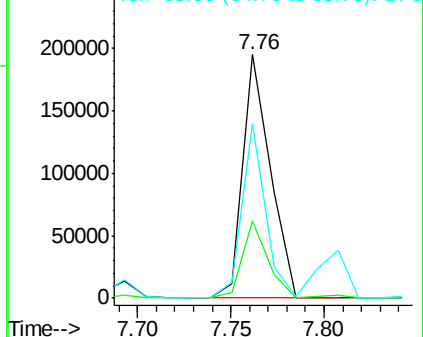
139 100

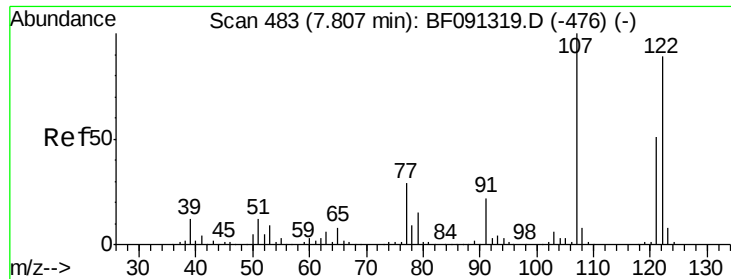
109 31.7 25.3 37.9

65 71.5 55.4 83.2



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





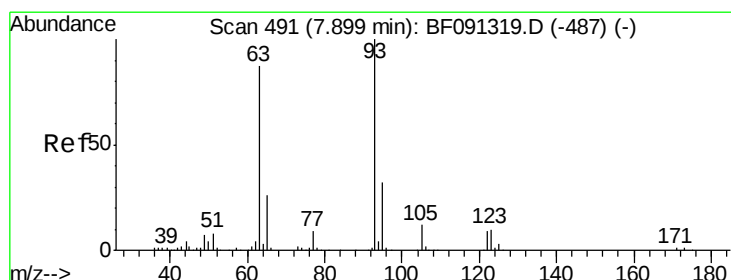
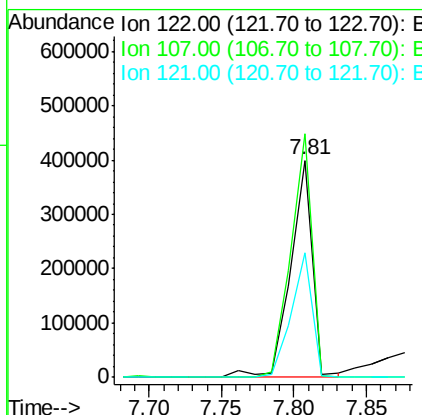
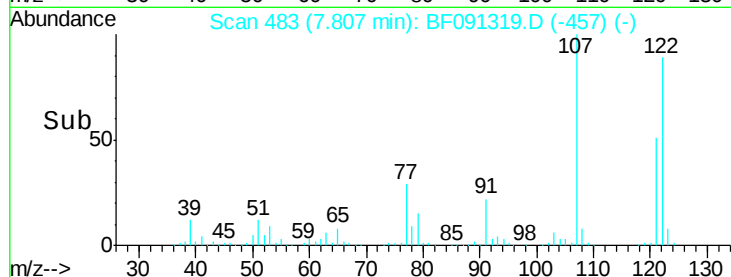
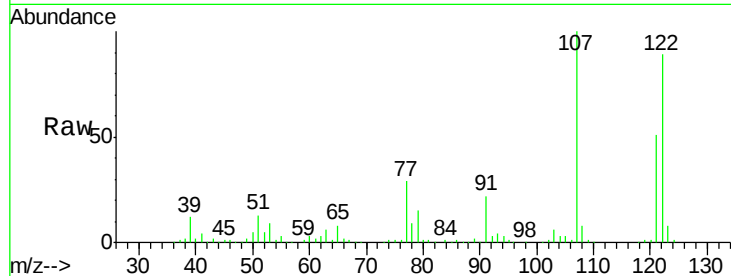
#27
2,4-Dimethylphenol
Concen: 42.16 ng
RT: 7.81 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	417589		
107	112.1	96.8	145.2	
121	57.3	47.7	71.5	

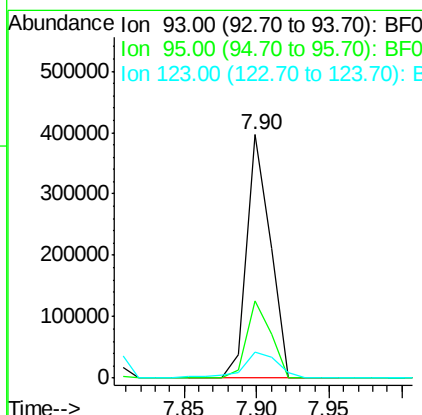
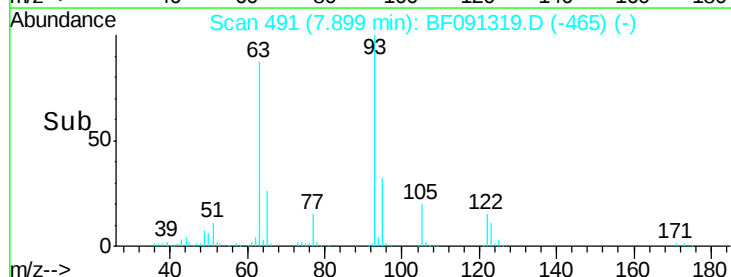
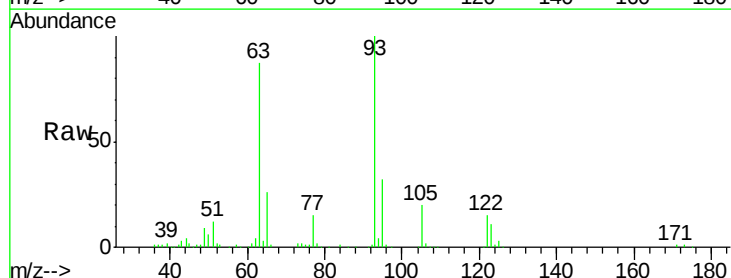
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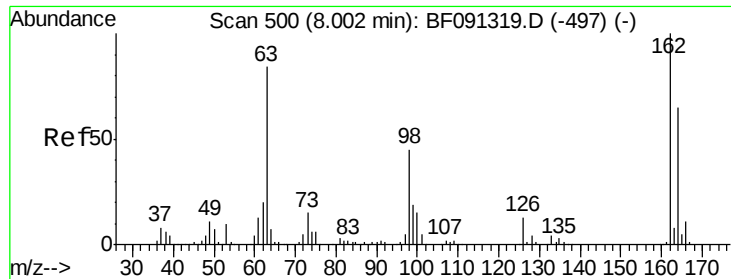
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#28
bis(2-Chloroethoxy)methane
Concen: 36.00 ng
RT: 7.90 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	445284		
95	31.6	26.0	39.0	
123	10.8	8.6	12.8	





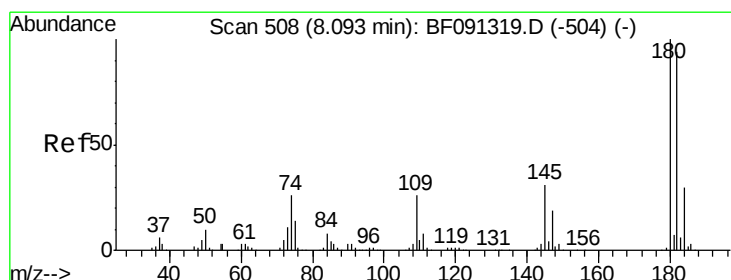
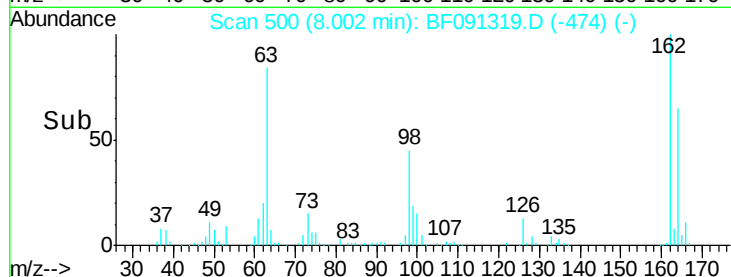
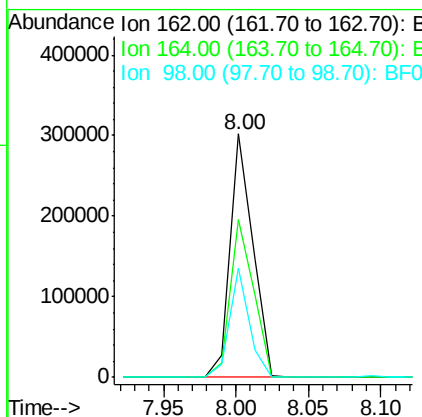
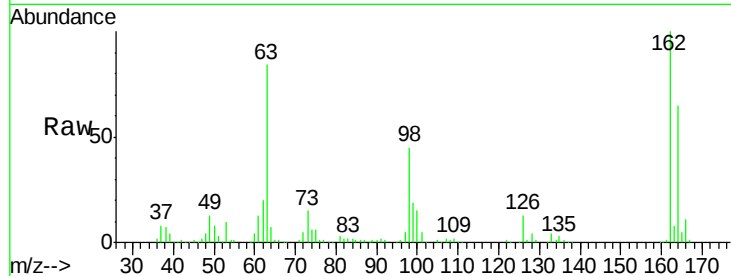
#29
2,4-Dichlorophenol
Concen: 37.60 ng
RT: 8.00 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.8	45.0	85.0
98	44.7	21.3	61.3

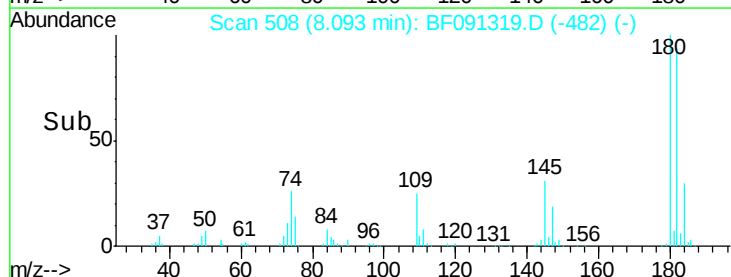
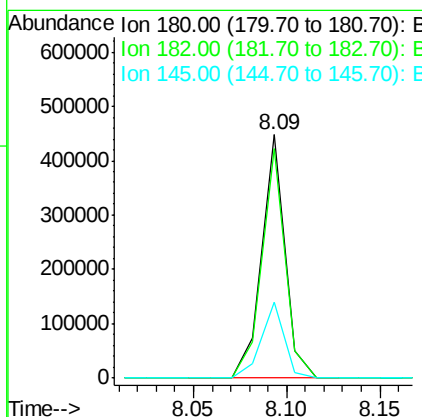
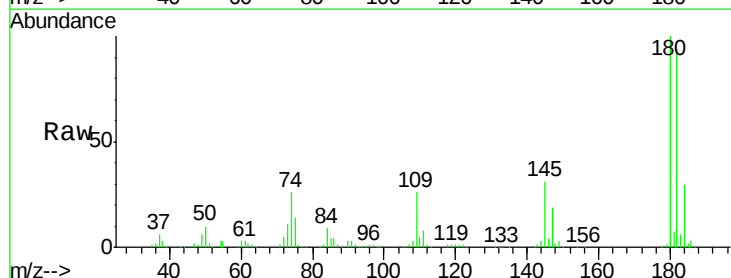
Manual Integrations
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#30
1,2,4-Trichlorobenzene
Concen: 38.87 ng
RT: 8.09 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.4	75.8	113.8
145	31.3	27.0	40.4





#31

Naphthalene

Concen: 38.75 ng

RT: 8.17 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampleId :

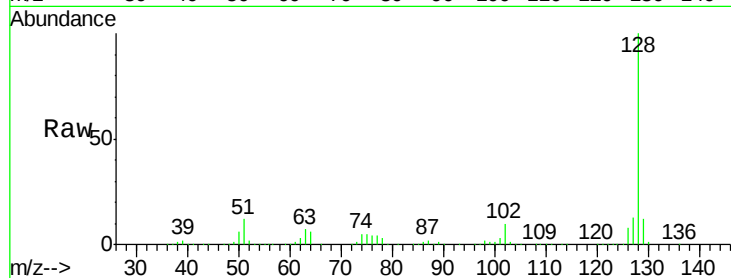
SSTDICCC040

Tgt Ion:128 Resp: 1193364

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.4	11.0	16.4

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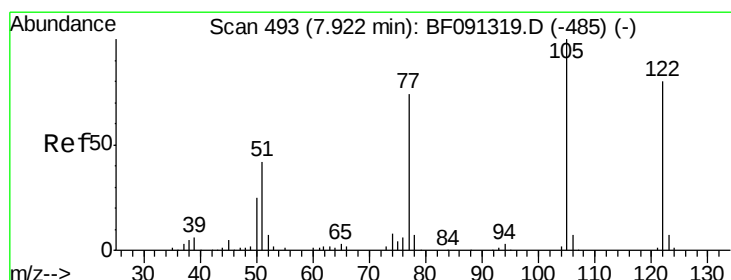
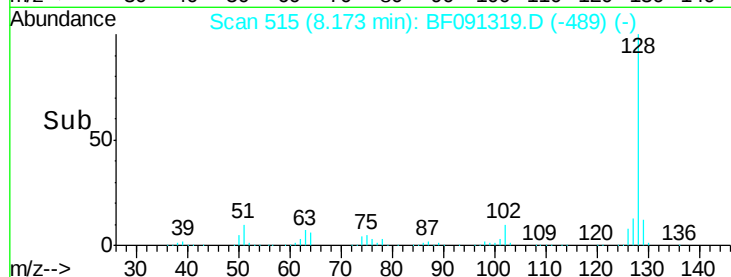
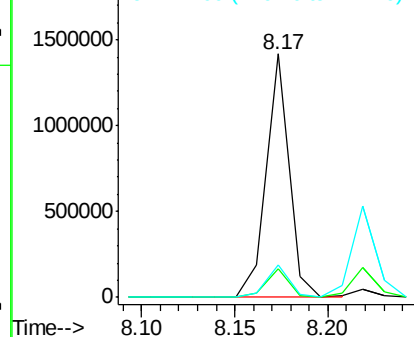
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.40 ng

RT: 7.92 min Scan# 493

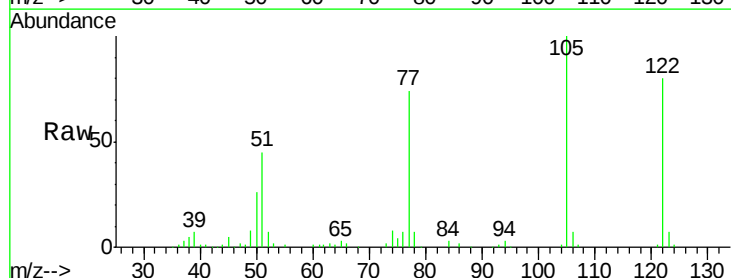
Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Tgt Ion:122 Resp: 315156

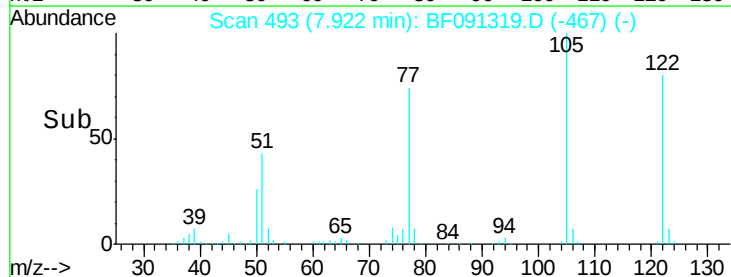
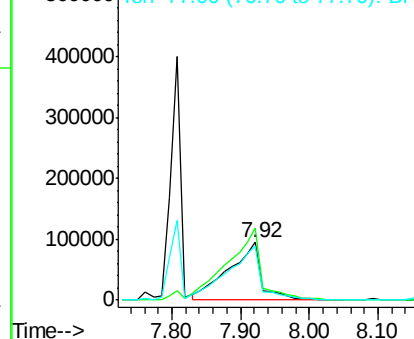
Ion	Ratio	Lower	Upper
122	100		
105	125.0	113.0	153.0
77	92.9	82.0	122.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





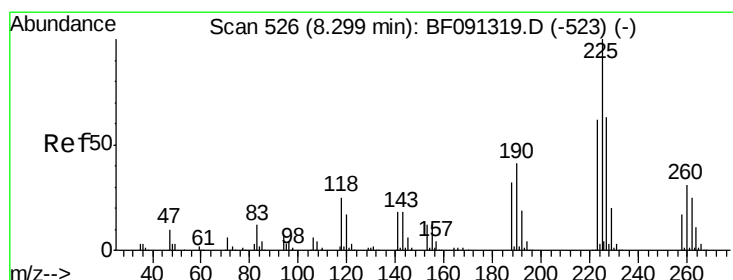
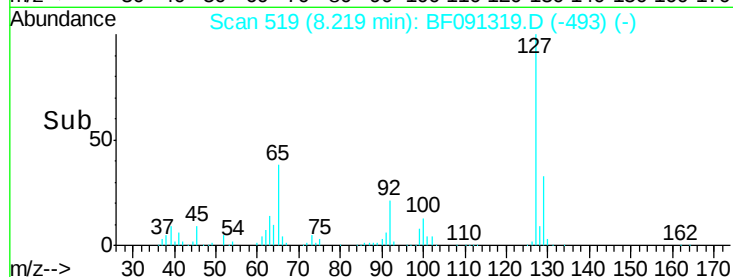
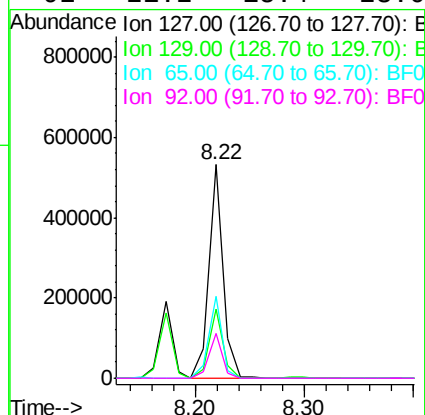
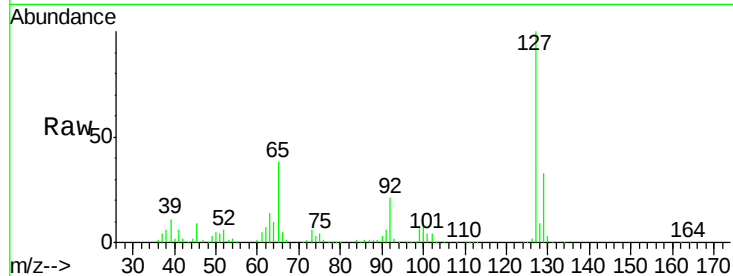
#33
4-Chloroaniline
Concen: 36.43 ng
RT: 8.22 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	488098		
129	32.5	26.2	39.4	
65	38.3	26.6	39.8	
92	21.2	15.4	23.0	

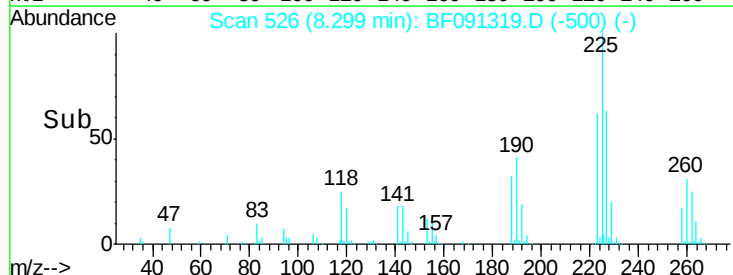
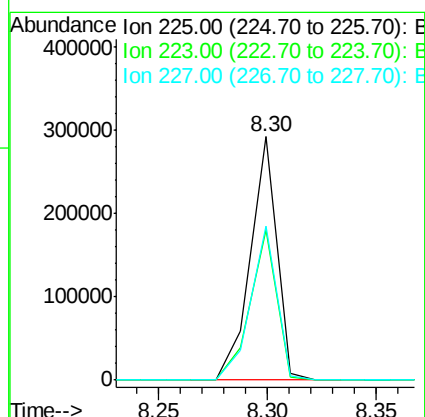
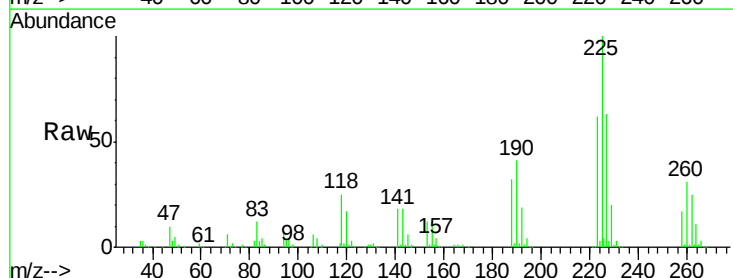
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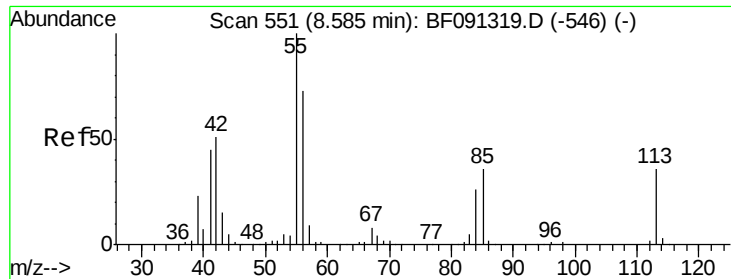
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#34
Hexachlorobutadiene
Concen: 41.37 ng
RT: 8.30 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	246608		
223	61.7	49.8	74.6	
227	63.4	52.6	79.0	





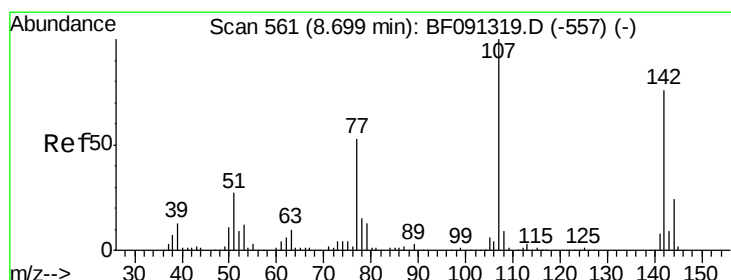
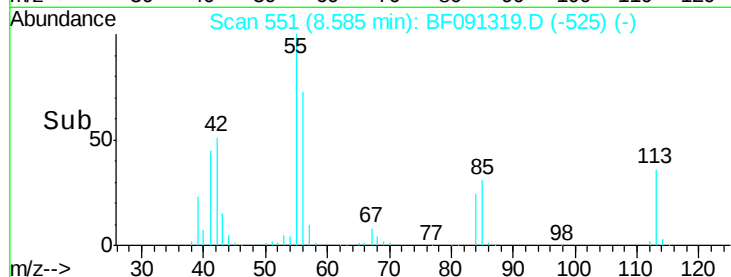
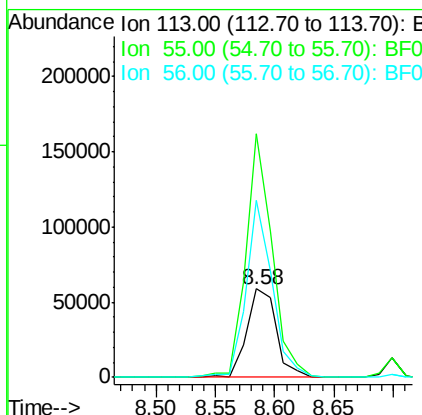
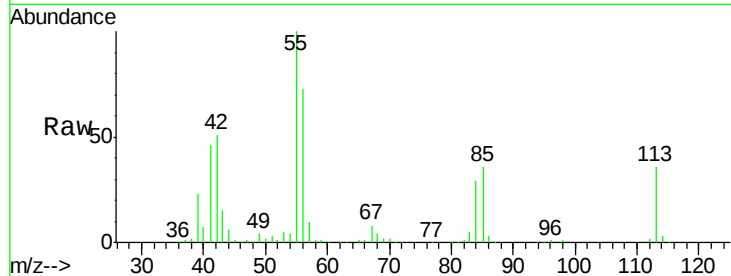
#35
 Caprolactam
 Concen: 38.11 ng
 RT: 8.58 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	274.9	239.8	279.8	
56	199.8	165.6	205.6	

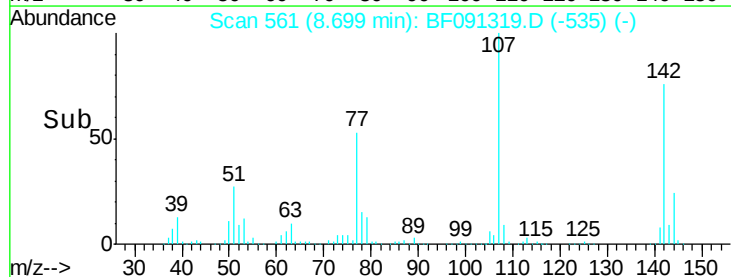
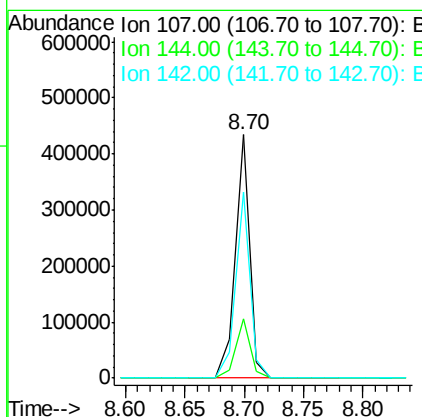
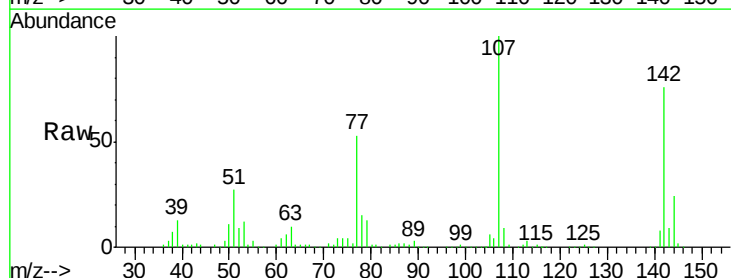
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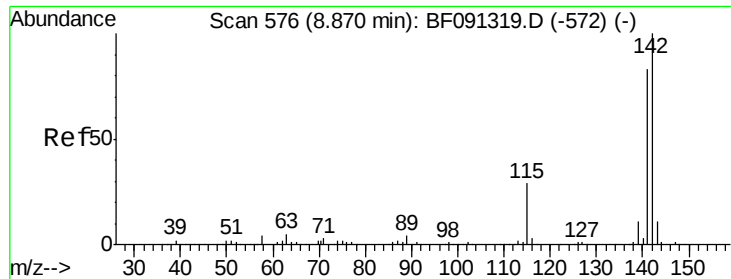
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#36
 4-Chloro-3-methylphenol
 Concen: 39.19 ng
 RT: 8.70 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.2	18.9	28.3	
142	76.2	58.5	87.7	





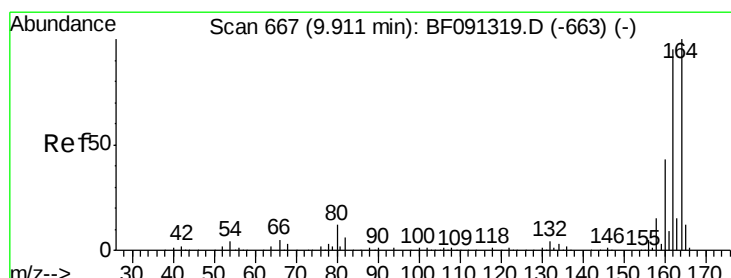
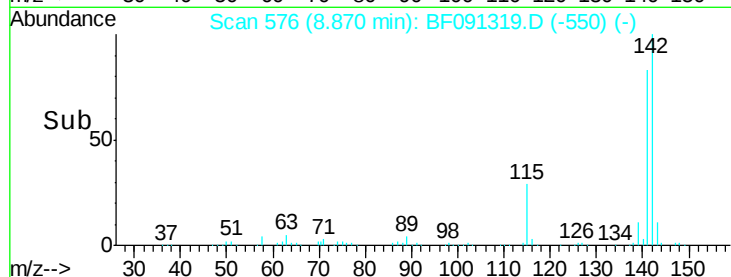
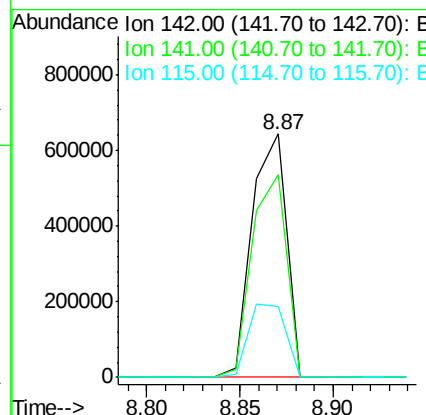
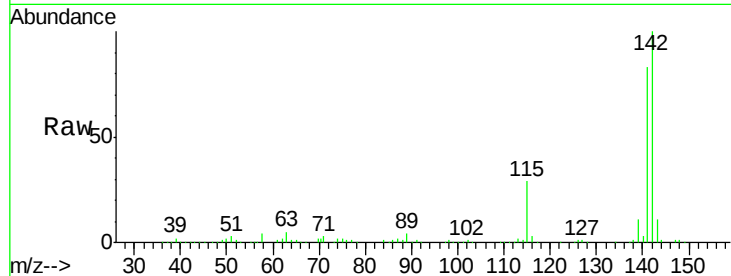
#37
 2-Methylnaphthalene
 Concen: 38.79 ng
 RT: 8.87 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.4	71.7	107.5
115	29.2	25.0	37.6

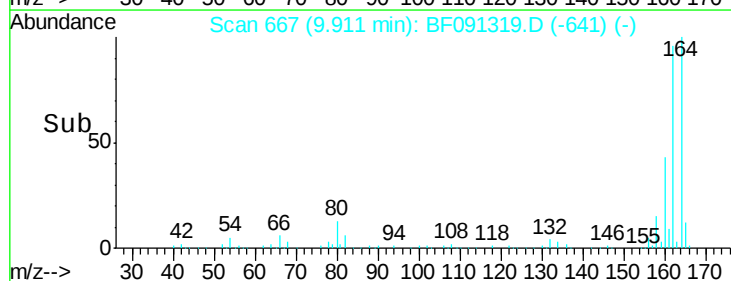
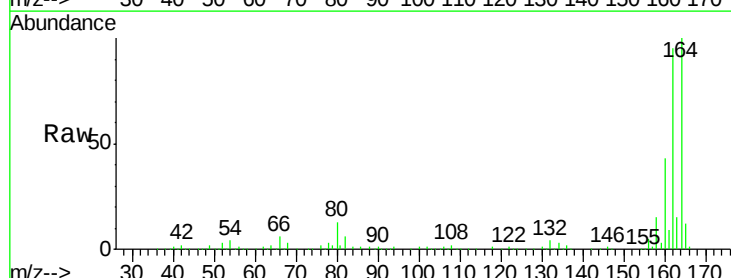
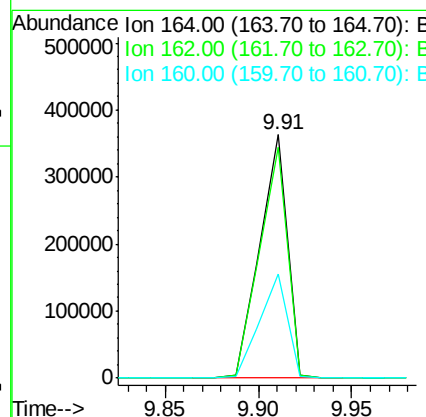
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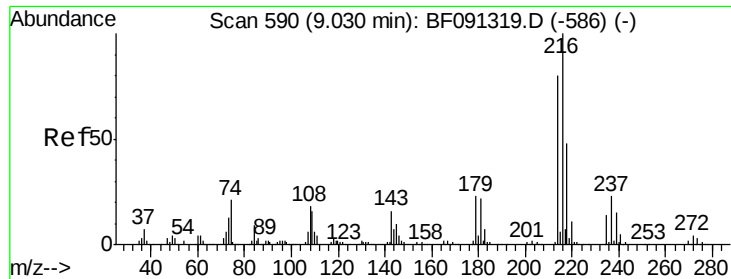
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.0	82.6	124.0
160	42.6	36.7	55.1





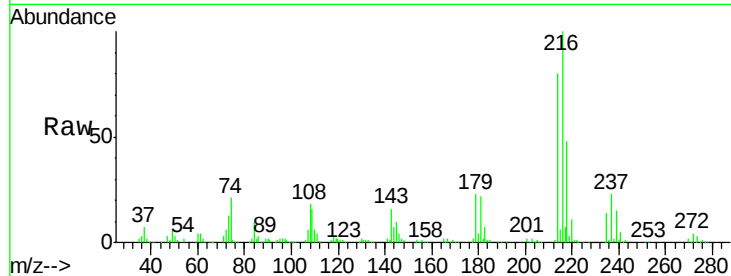
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.33 ng
 RT: 9.03 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

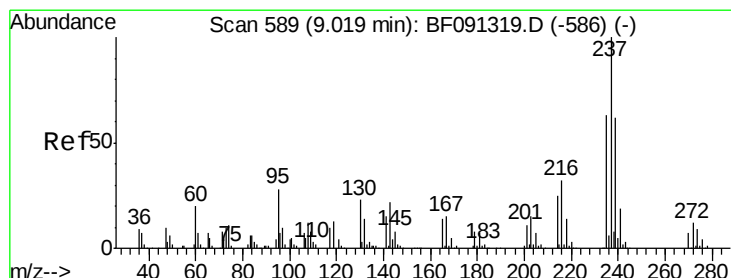
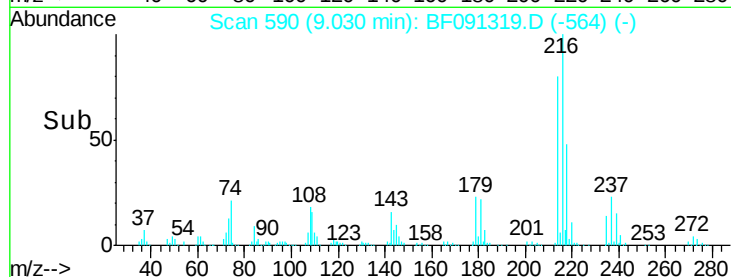
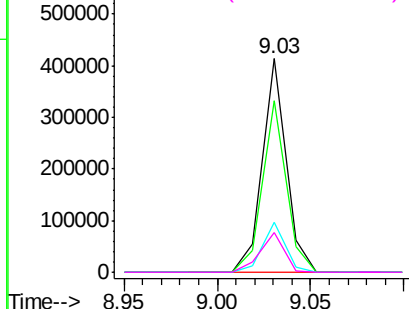
Tgt Ion:	216	Resp:	365366
Ion Ratio		Lower	Upper
216	100		
214	79.3	63.8	95.8
179	22.2	18.2	27.2
108	19.0	17.2	25.8

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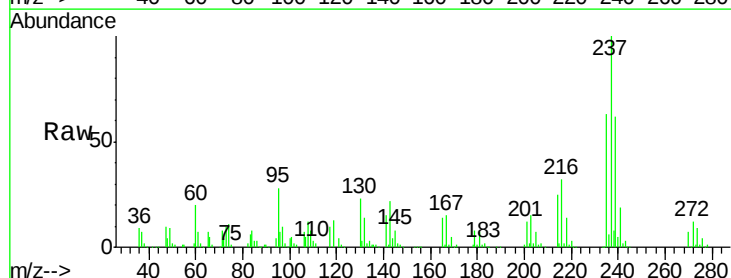


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

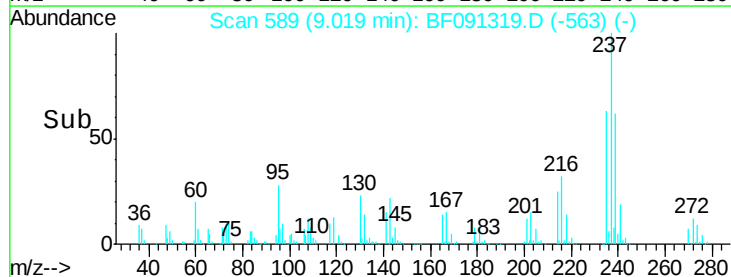
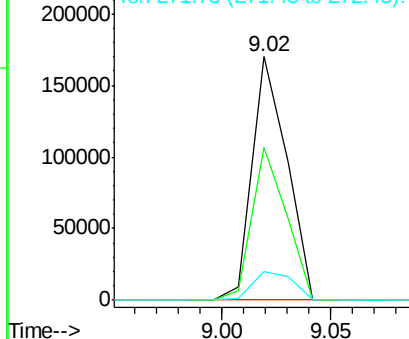


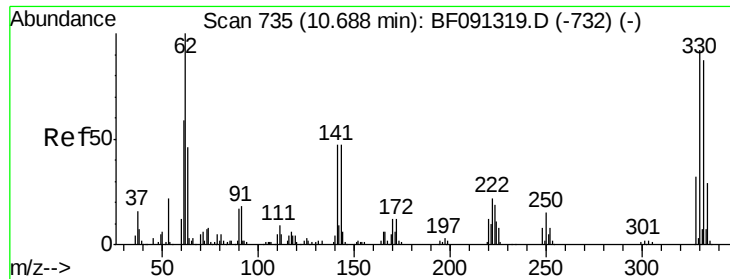
#40
 Hexachlorocyclopentadiene
 Concen: 41.97 ng
 RT: 9.02 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion:	237	Resp:	188921
Ion Ratio		Lower	Upper
237	100		
235	63.0	43.9	83.9
272	11.6	0.0	33.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





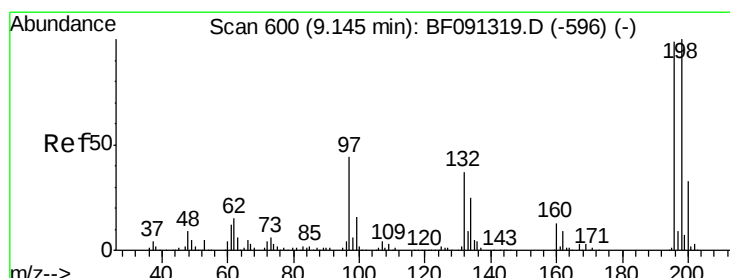
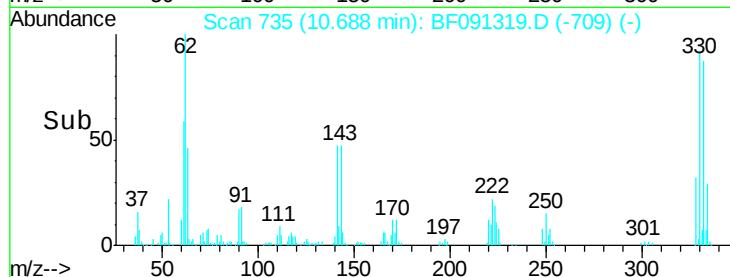
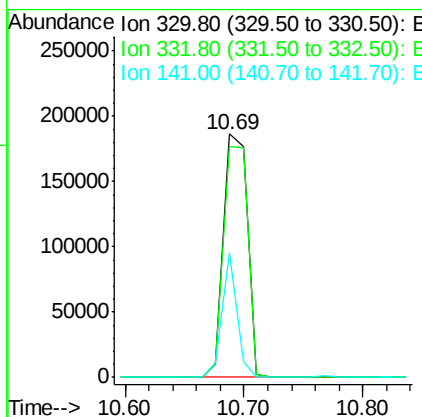
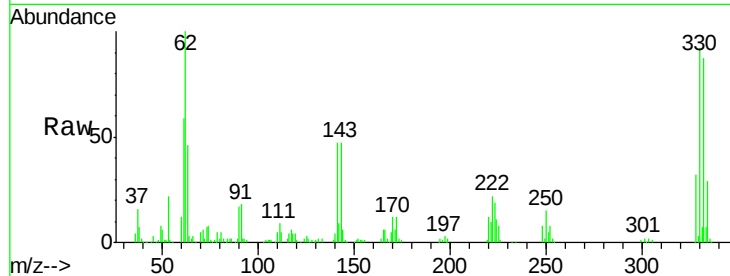
#41
 2,4,6-Tribromophenol
 Concen: 69.05 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	258428		
332	97.0	76.2	114.4	
141	31.7	33.6	50.4#	

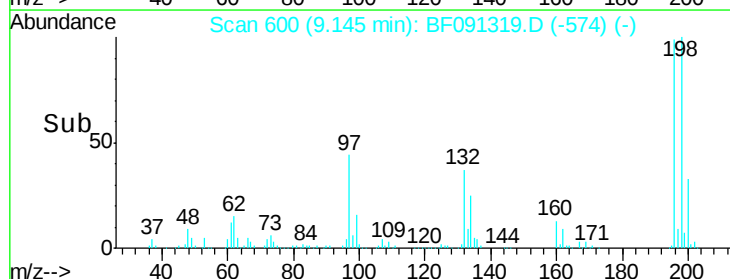
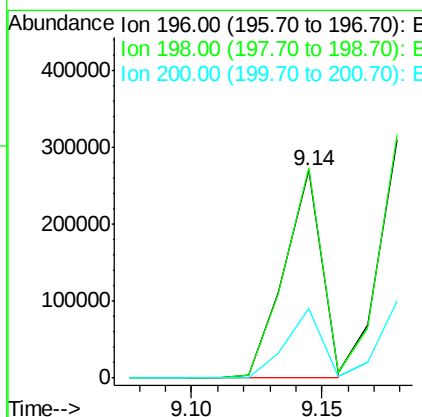
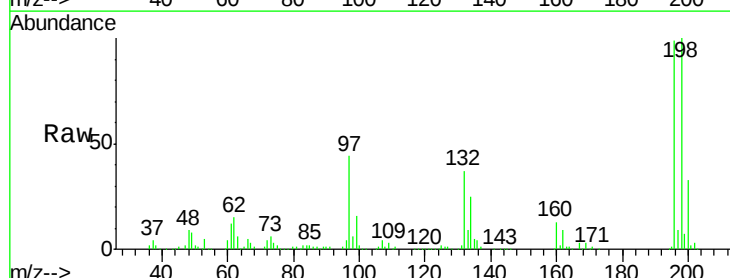
Manual Integrations
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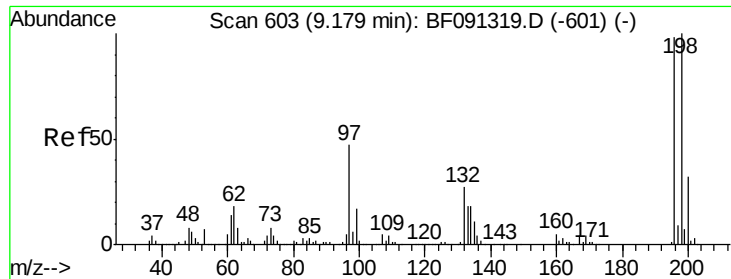
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#42
 2,4,6-Trichlorophenol
 Concen: 38.77 ng
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	268879		
198	101.5	77.4	116.0	
200	33.4	25.2	37.8	





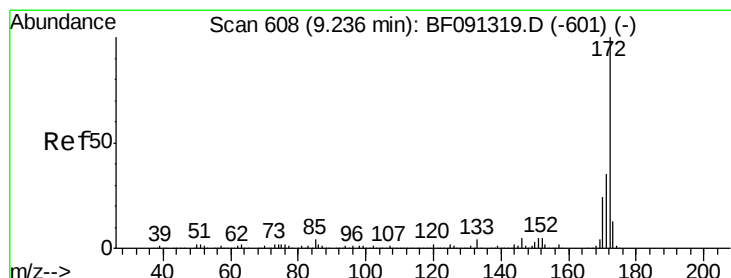
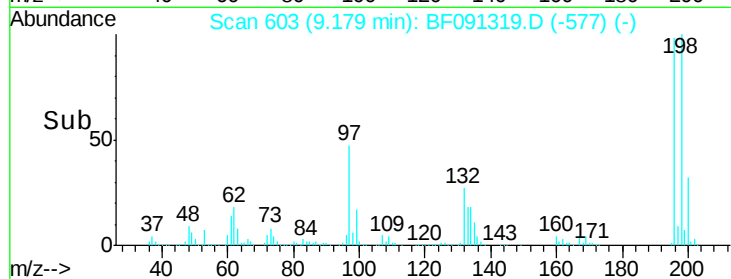
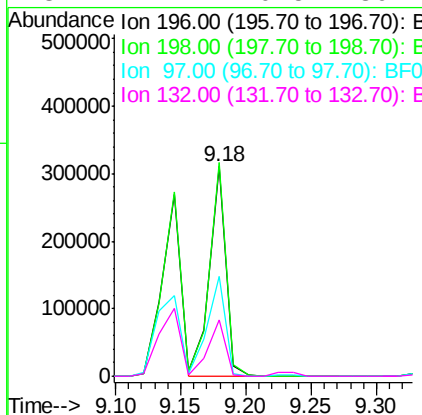
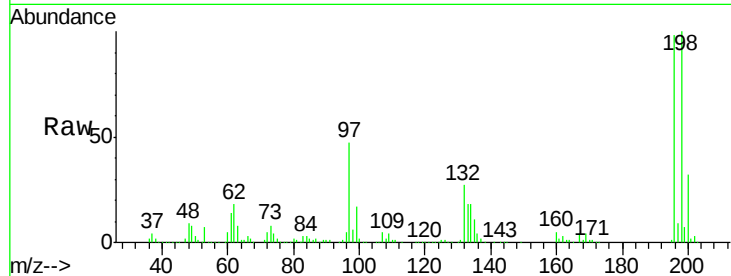
#43
 2,4,5-Trichlorophenol
 Concen: 40.86 ng
 RT: 9.18 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:	196	Resp:	272250
Ion Ratio	Lower	Upper	
196	100		
198	102.0	77.0	115.6
97	47.6	33.5	50.3
132	27.2	20.5	30.7

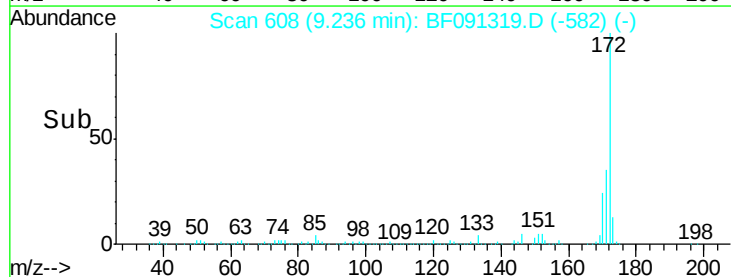
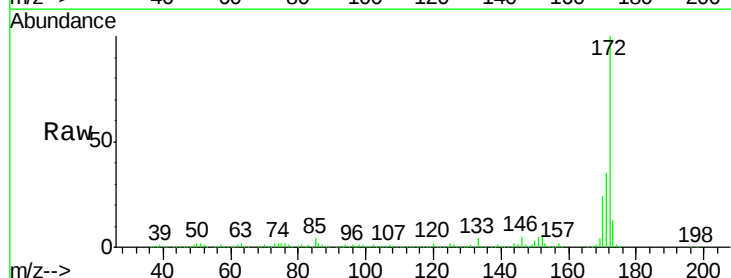
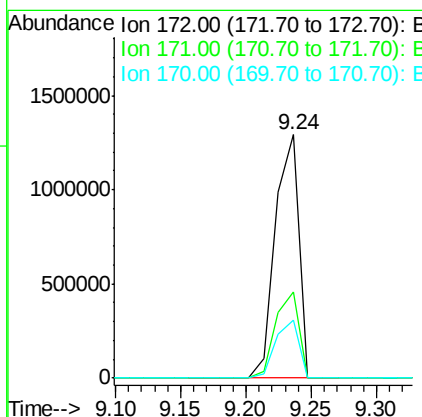
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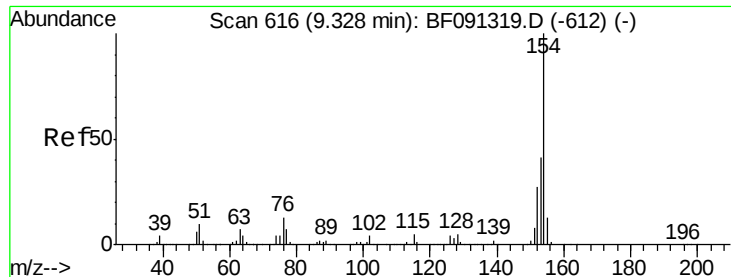
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#44
 2-Fluorobiphenyl
 Concen: 72.10 ng
 RT: 9.24 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion:	172	Resp:	1634116
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.4	44.0
170	23.9	19.7	29.5





#45

1,1'-Biphenyl

Concen: 34.30 ng

RT: 9.33 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

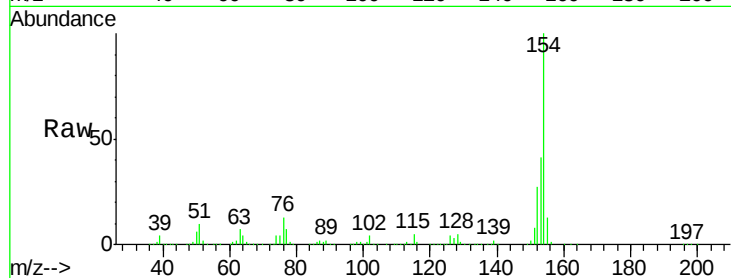
ClientSampleId :

SSTDICCC040

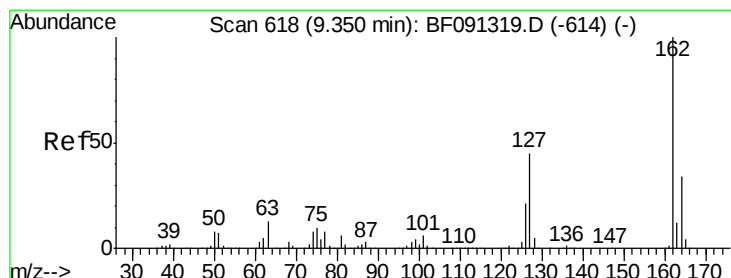
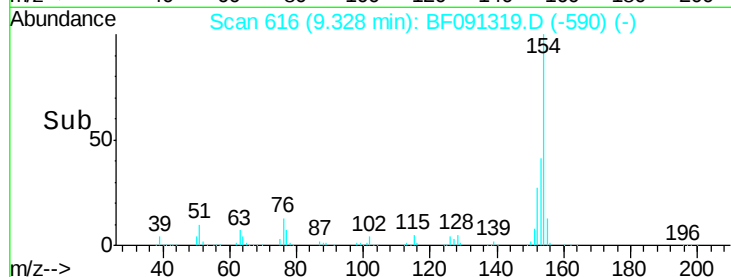
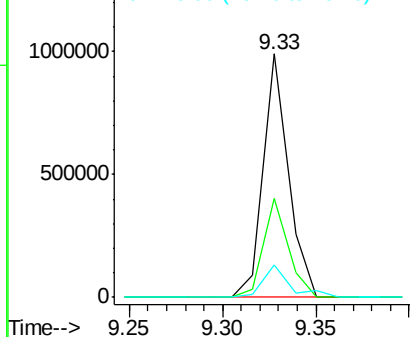
Tgt Ion:	154	Resp:	917630
Ion Ratio		Lower	Upper
154	100		
153	40.8	20.6	60.6
76	13.4	0.0	36.6

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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: 35.50 ng

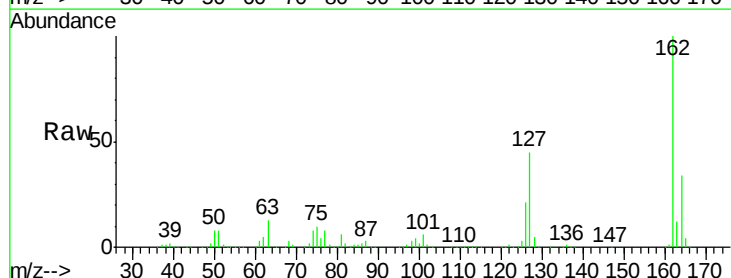
RT: 9.35 min Scan# 618

Delta R.T. 0.00 min

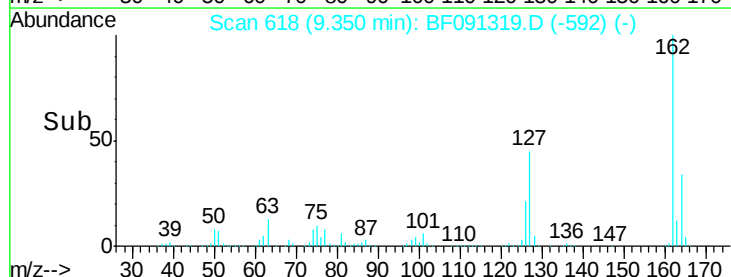
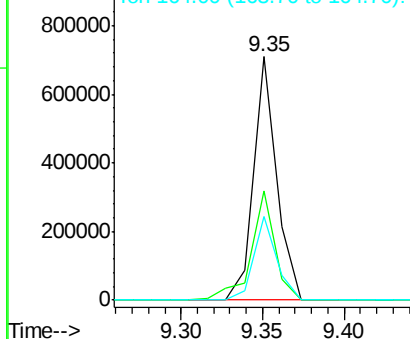
Lab File: BF091319.D

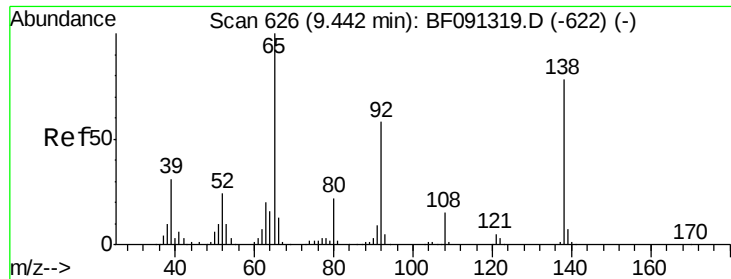
Acq: 29 Nov 2016 11:25

Tgt Ion:	162	Resp:	695783
Ion Ratio		Lower	Upper
162	100		
127	44.7	34.3	51.5
164	34.1	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: 37.57 ng

RT: 9.44 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 65 Resp: 249867
Ion Ratio Lower Upper

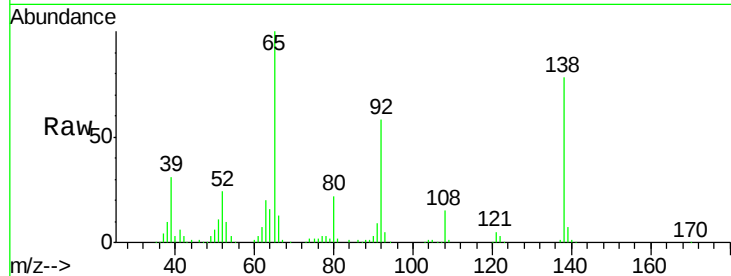
65 100

92 57.6 53.6 80.4

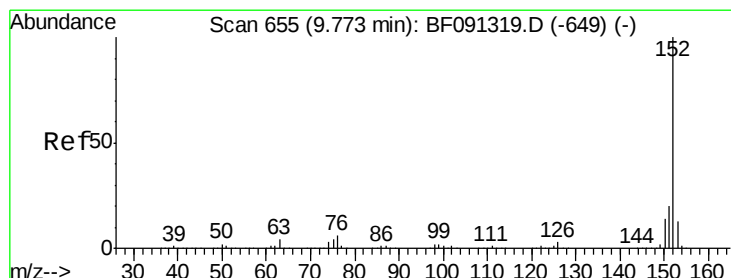
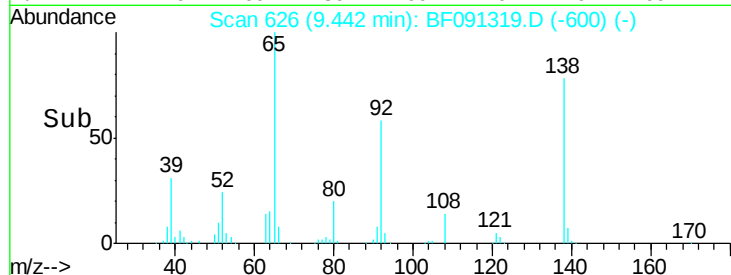
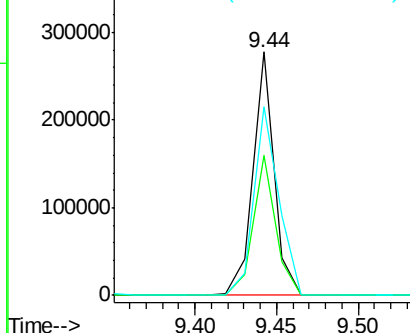
138 77.7 91.0 136.6#

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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 37.54 ng

RT: 9.77 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF091319.D

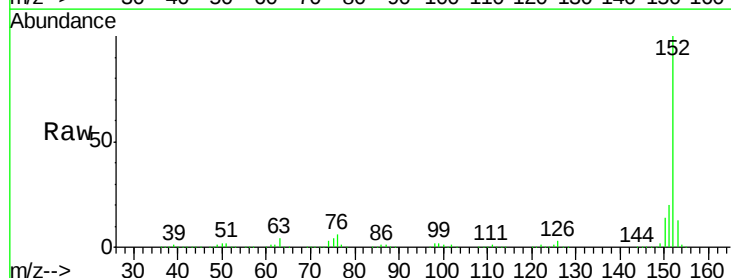
Acq: 29 Nov 2016 11:25

Tgt Ion: 152 Resp: 1179094
Ion Ratio Lower Upper

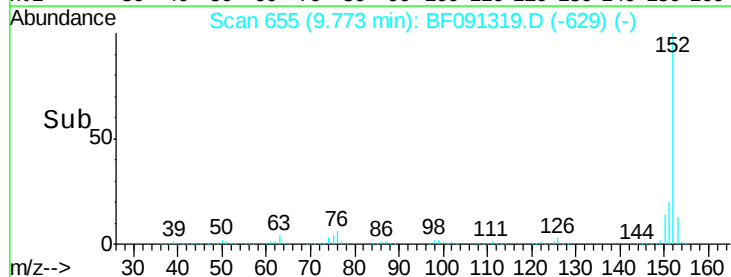
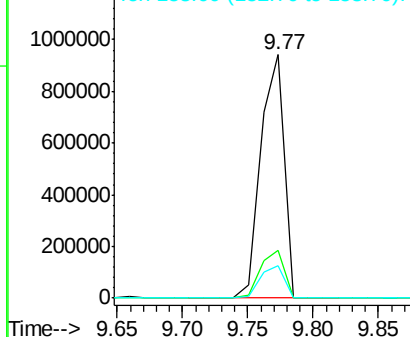
152 100

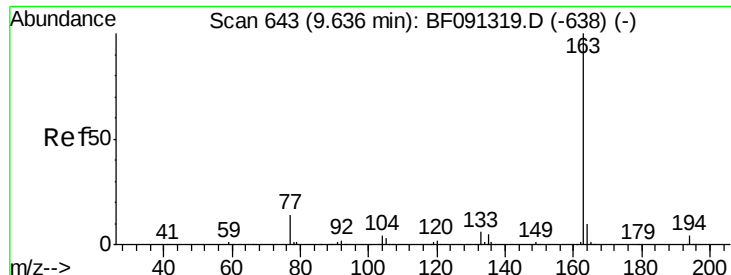
151 19.9 16.6 24.8

153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





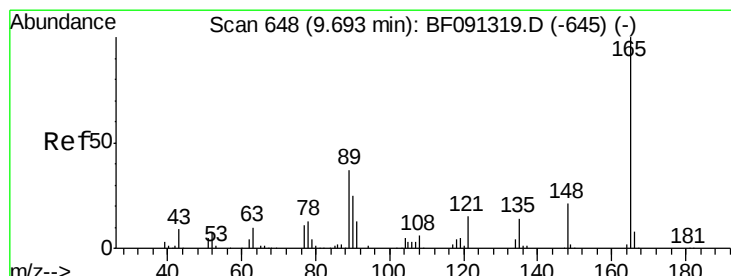
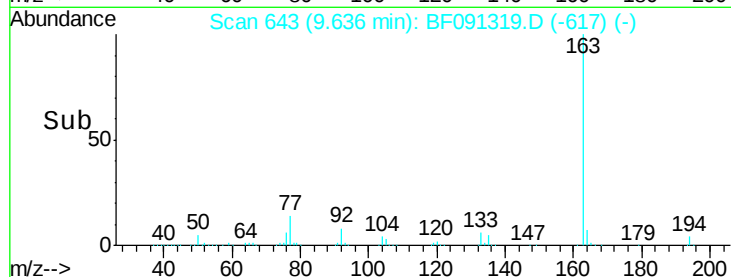
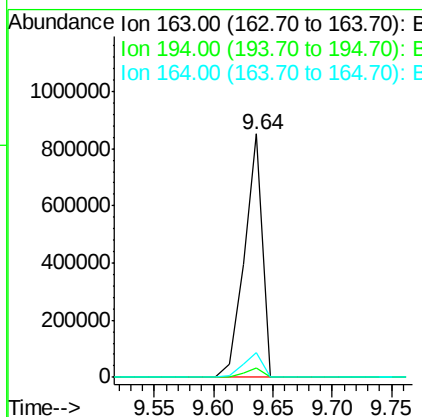
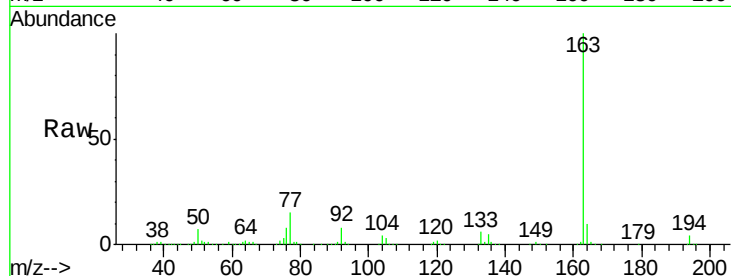
#49
Dimethylphthalate
Concen: 38.44 ng
RT: 9.64 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.1	3.0	4.4
164	10.3	7.8	11.8

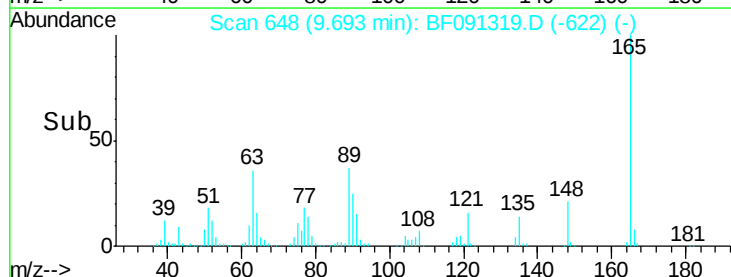
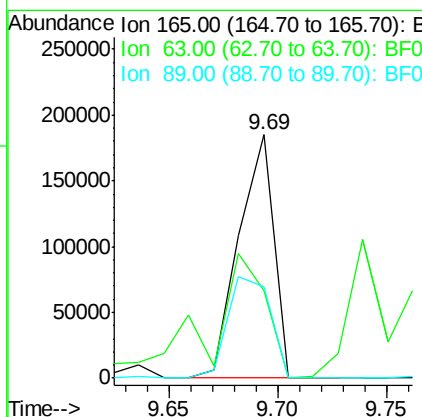
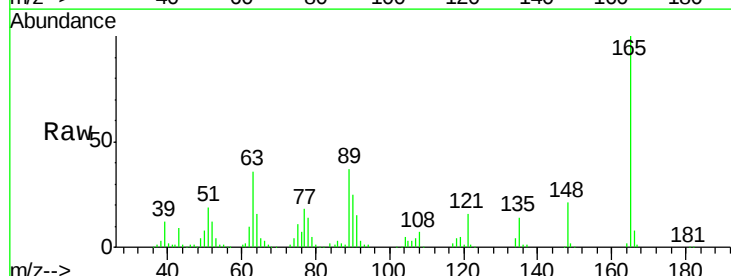
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#50
2,6-Dinitrotoluene
Concen: 40.65 ng
RT: 9.69 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	36.2	59.4	89.0#
89	37.4	50.8	76.2#





#51

Acenaphthene

Concen: 39.34 ng

RT: 9.94 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

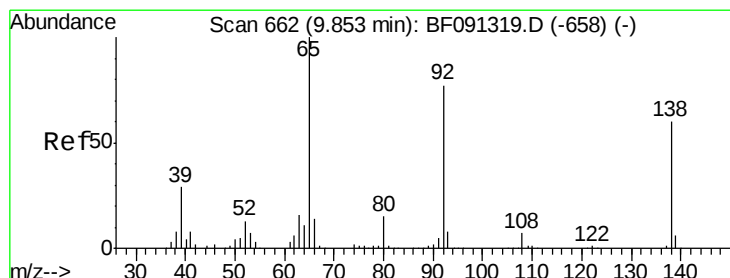
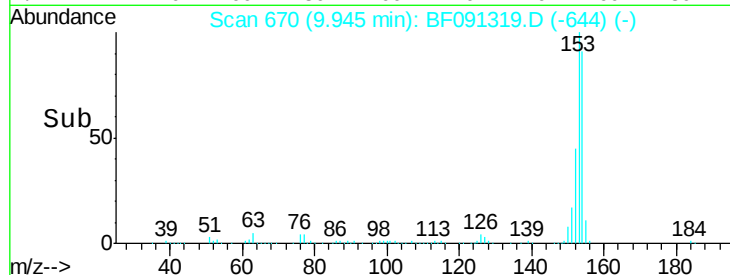
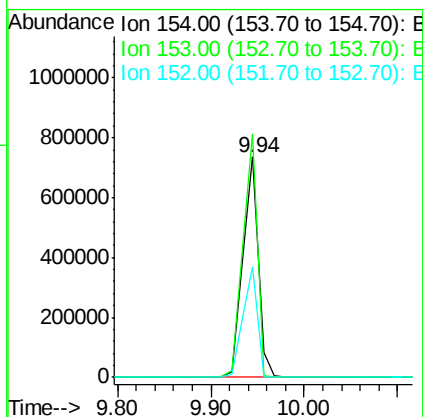
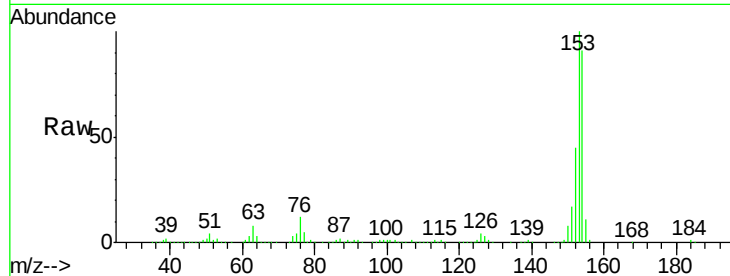
ClientSampleId :

SSTDICCC040

Tgt Ion:	154	Resp:	840911
Ion Ratio	Lower	Upper	
154	100		
153	110.5	91.0	136.6
152	50.1	44.2	66.2

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#52

3-Nitroaniline

Concen: 35.77 ng

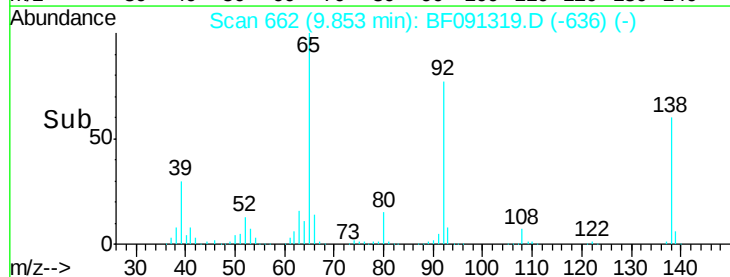
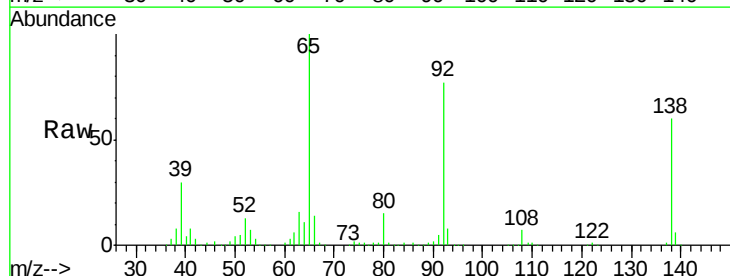
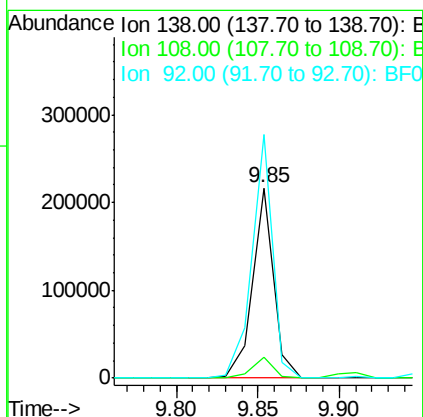
RT: 9.85 min Scan# 662

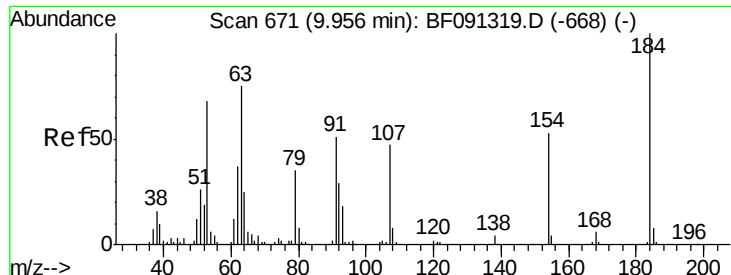
Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Tgt Ion:	138	Resp:	194635
Ion Ratio	Lower	Upper	
138	100		
108	10.9	8.1	12.1
92	128.0	92.5	138.7





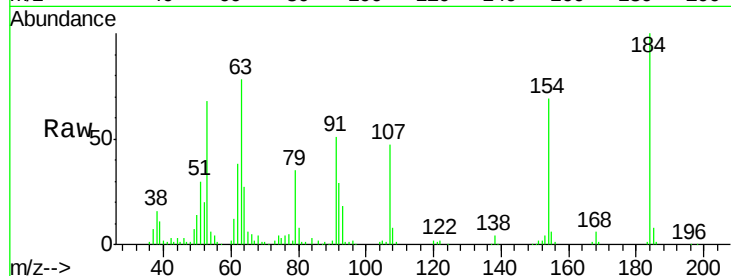
#53
2,4-Dinitrophenol
Concen: 51.28 ng
RT: 9.96 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

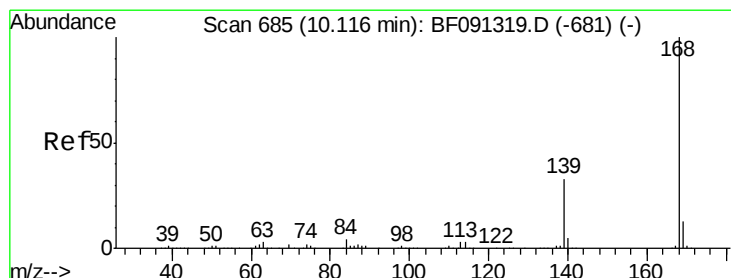
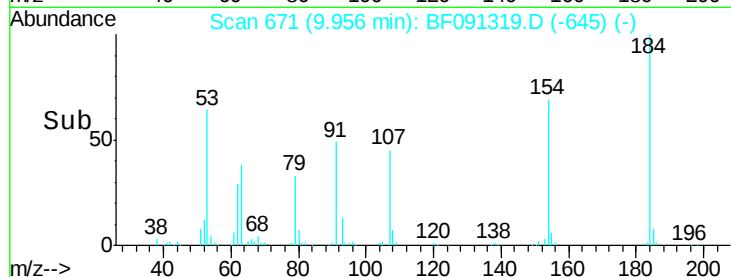
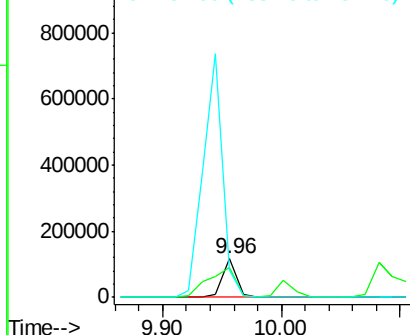
Tgt Ion	Ratio	Lower	Upper
184	100		
63	78.5	58.3	87.5
154	69.0	48.6	73.0

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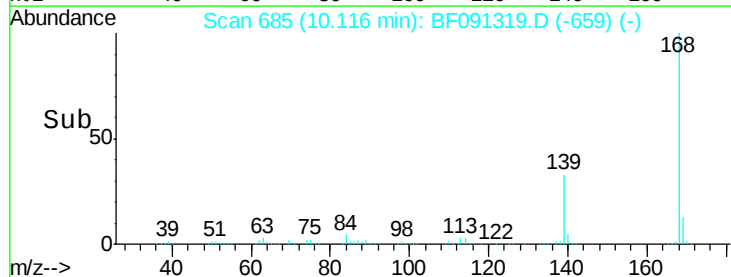
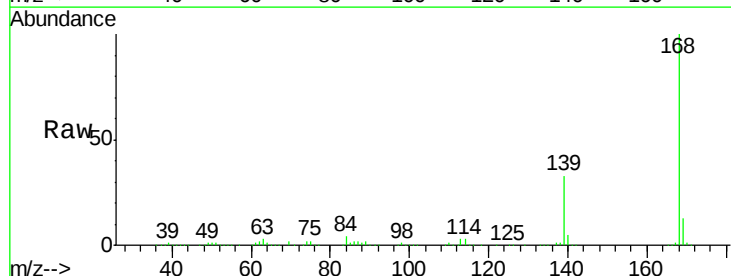
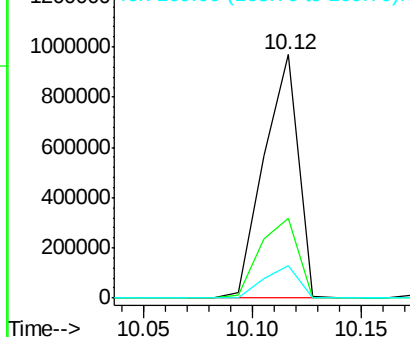
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 35.66 ng
RT: 10.12 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Lower	Upper
168	100		
139	32.9	33.4	50.2#
169	13.1	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: 40.88 ng

RT: 10.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

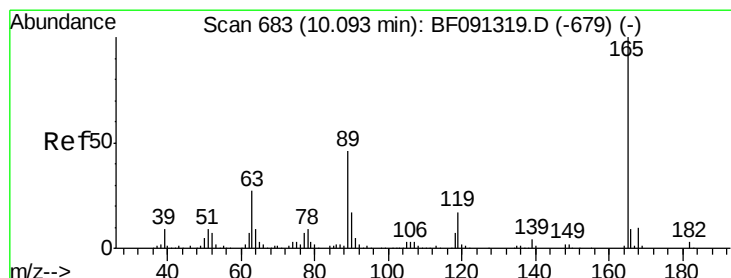
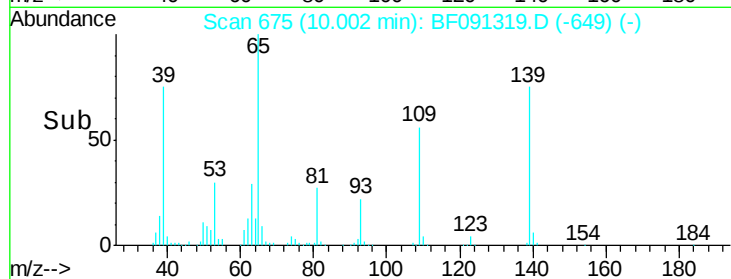
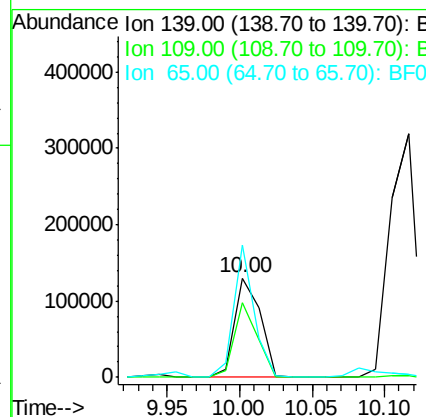
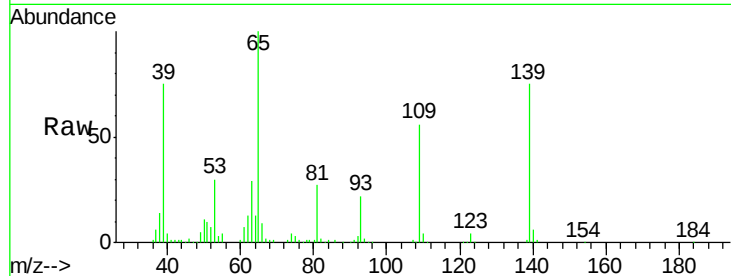
ClientSampleId :

SSTDICCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	160461		
109	75.2	54.9	94.9	
65	133.5	102.2	142.2	

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#56

2,4-Dinitrotoluene

Concen: 41.84 ng

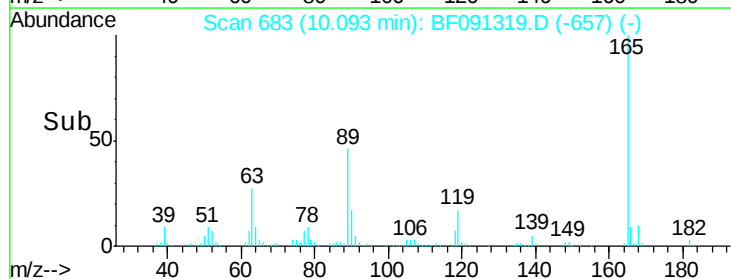
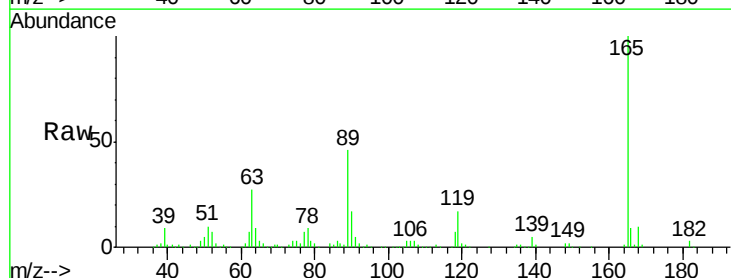
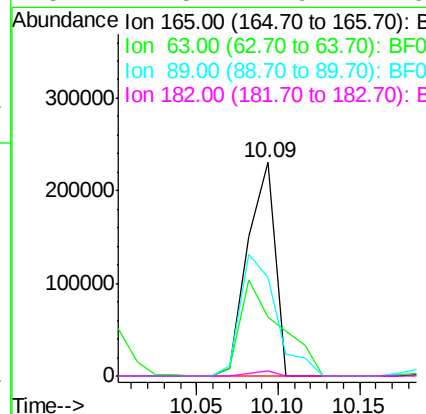
RT: 10.09 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	267965		
63	27.4	29.0	43.4#	
89	46.1	43.1	64.7	
182	2.5	1.9	2.9	





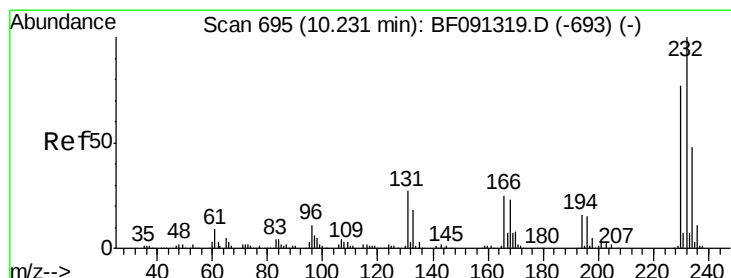
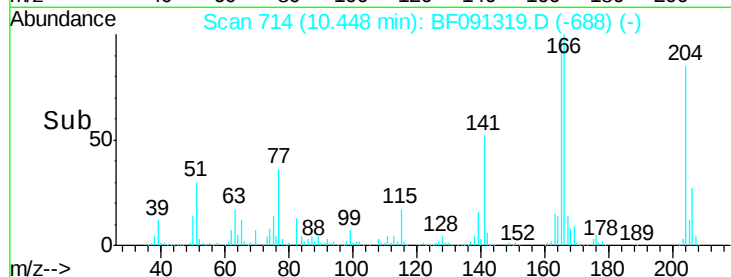
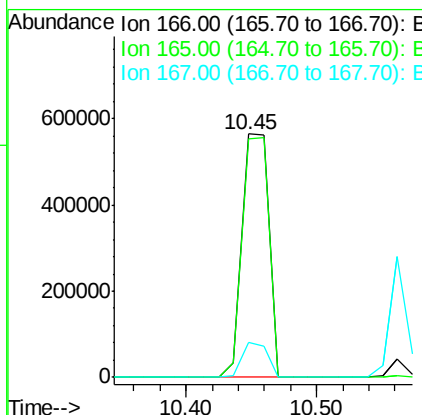
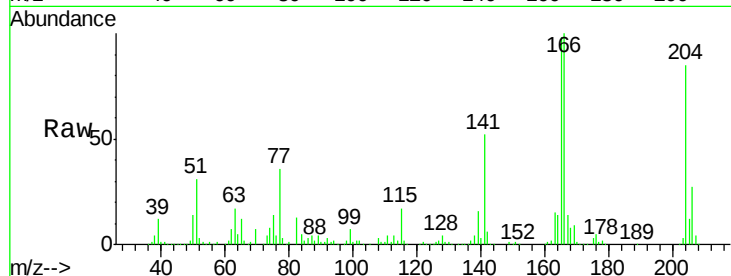
#57
Fluorene
 Concen: 34.74 ng
 RT: 10.45 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	799277		
165	97.9	80.0	120.0	
167	14.4	10.8	16.2	

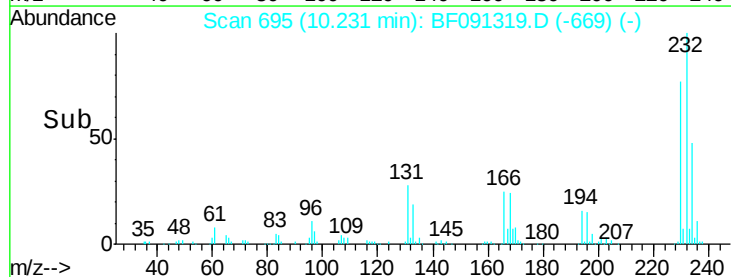
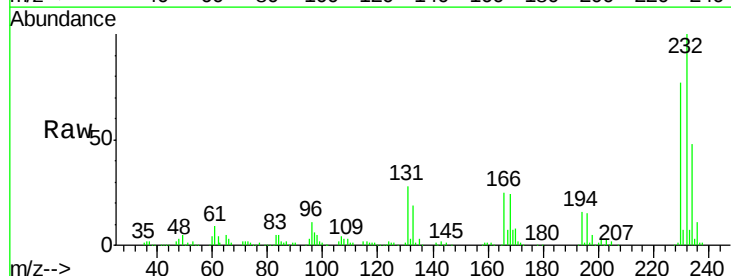
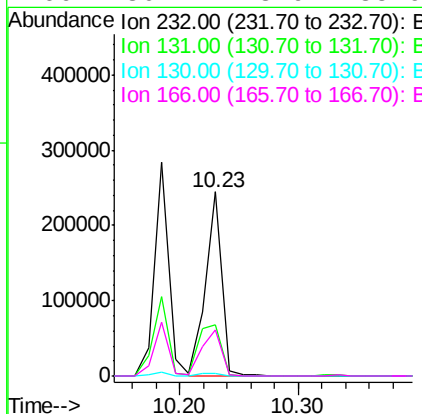
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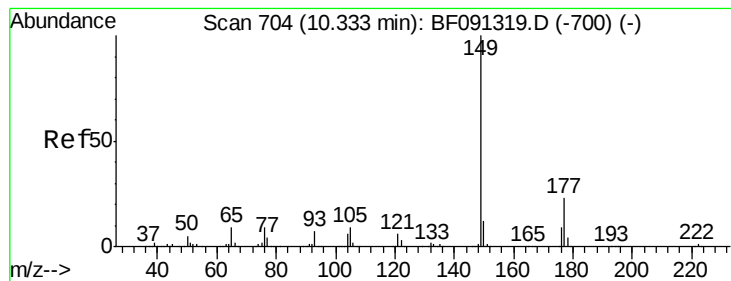
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.90 ng
 RT: 10.23 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	233782		
131	39.3	38.4	57.6	
130	1.9	1.8	2.8	
166	30.2	23.9	35.9	





#59

Diethylphthalate

Concen: 36.81 ng

RT: 10.33 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

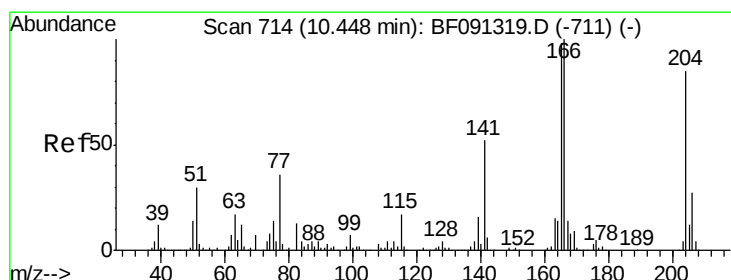
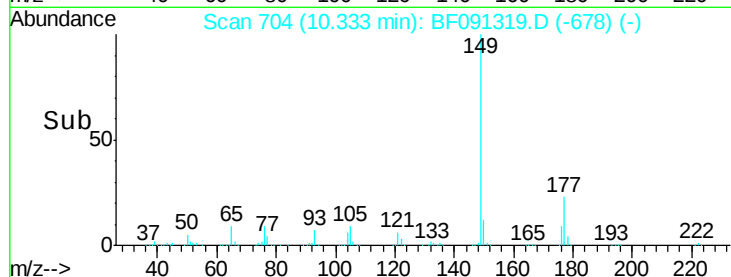
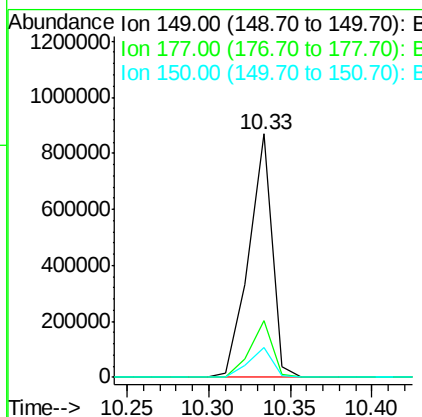
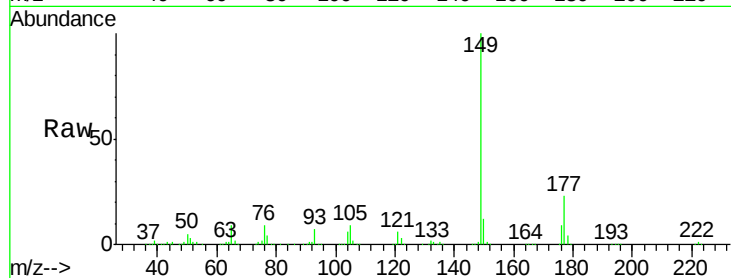
ClientSampleId :

SSTDICCC040

Tgt Ion:	149	Resp:	858224
Ion Ratio	Lower	Upper	
149	100		
177	23.4	15.7	23.5
150	12.4	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 36.70 ng

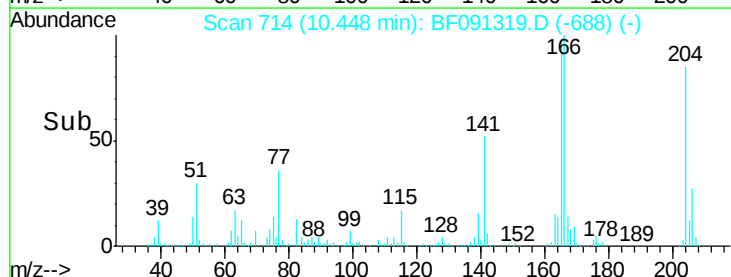
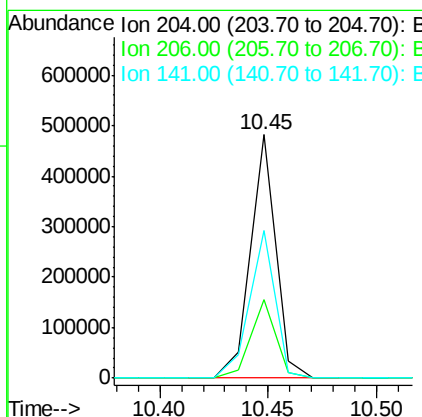
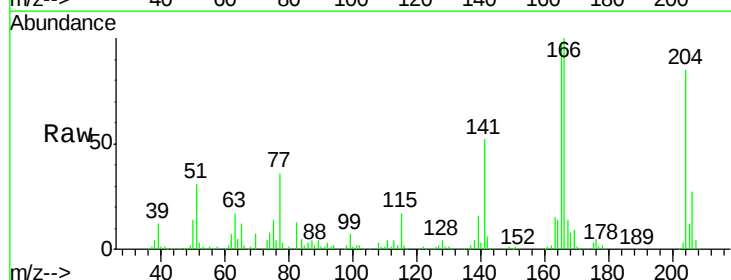
RT: 10.45 min Scan# 714

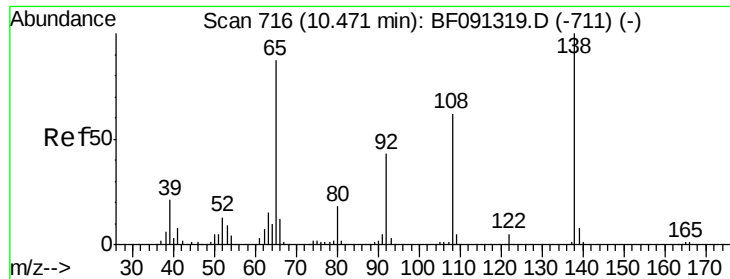
Delta R.T. 0.00 min

Lab File: BF091319.D

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Tgt Ion:	204	Resp:	389038
Ion Ratio	Lower	Upper	
204	100		
206	32.1	26.1	39.1
141	60.7	40.6	61.0





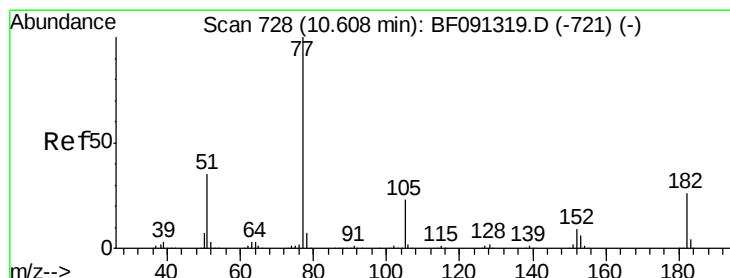
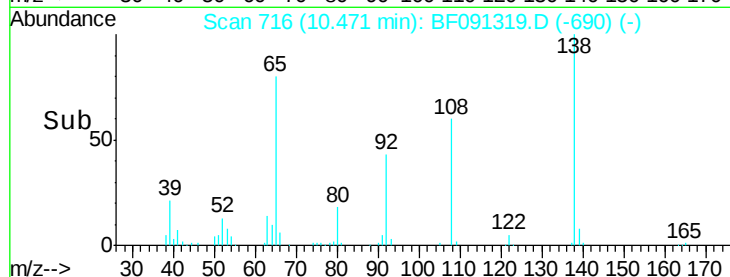
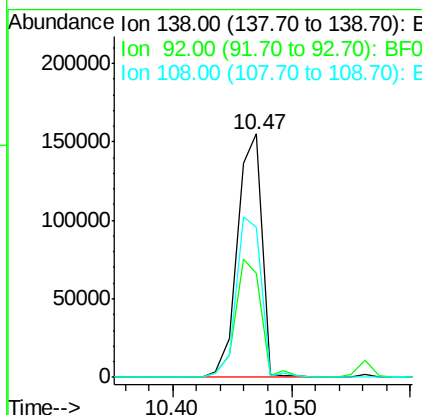
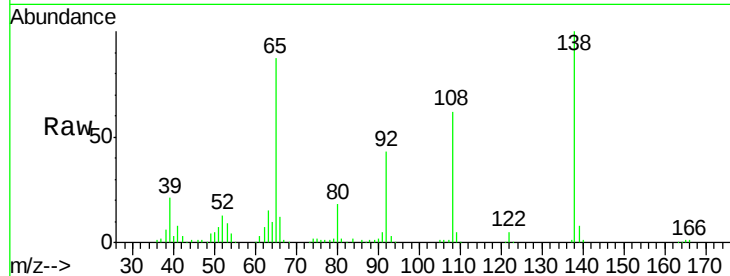
#61
4-Nitroaniline
Concen: 43.69 ng
RT: 10.47 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	221813		
92	42.8	26.9	66.9	
108	61.6	49.1	89.1	

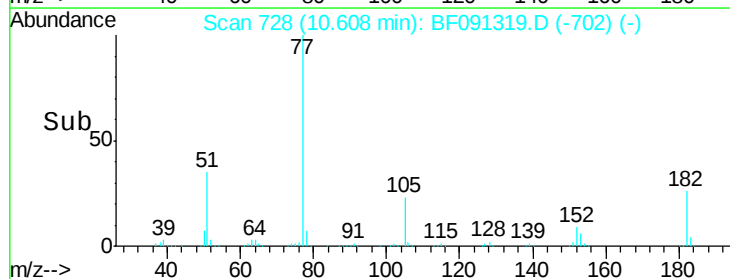
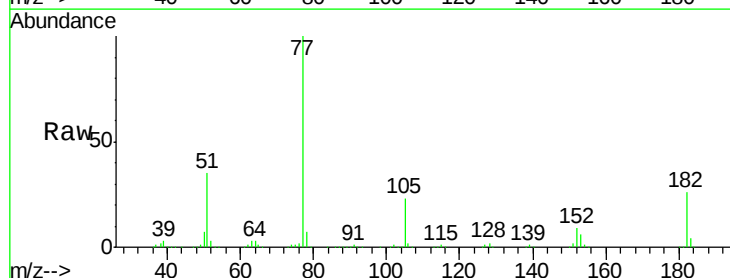
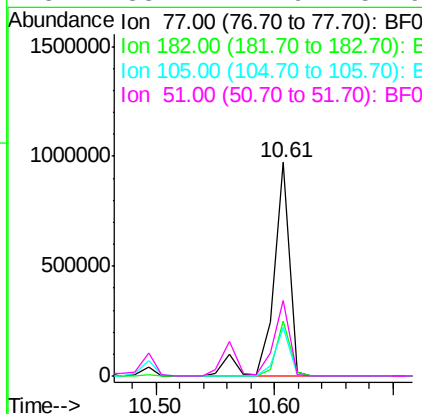
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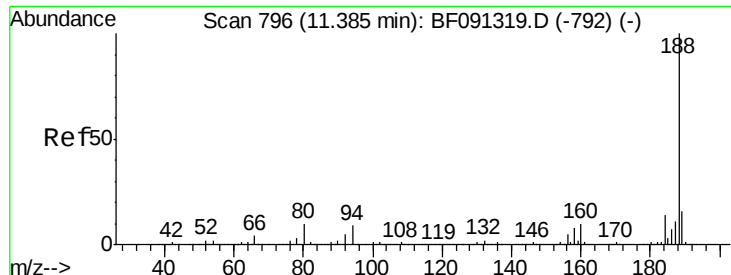
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#62
Azobenzene
Concen: 39.50 ng
RT: 10.61 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	934253		
182	26.0	12.5	52.5	
105	23.1	3.7	43.7	
51	35.1	11.9	51.9	





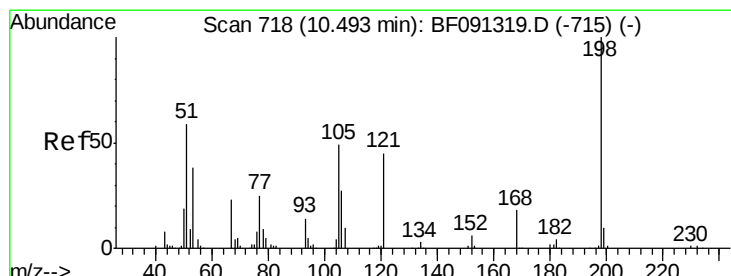
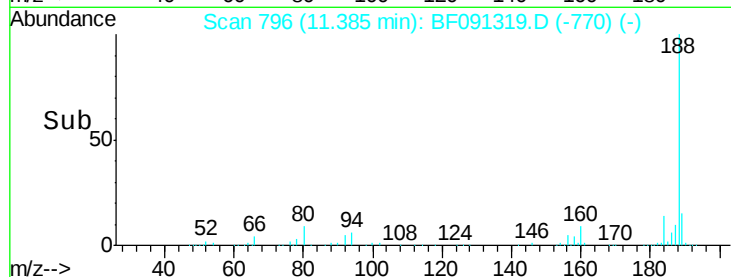
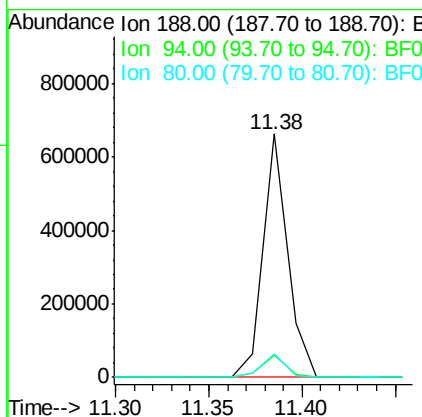
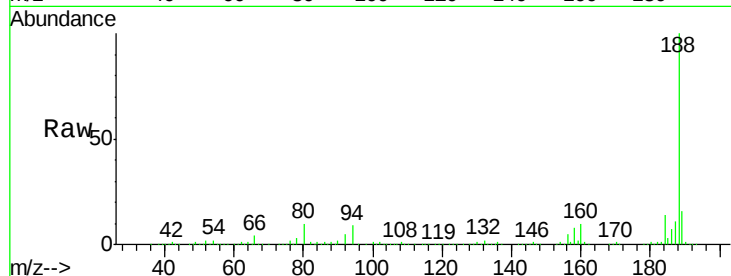
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.0	9.2	13.8#
80	9.8	10.5	15.7#

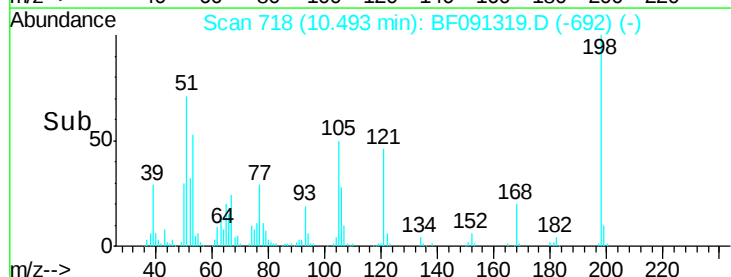
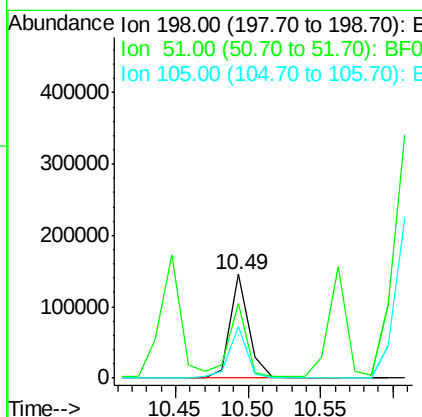
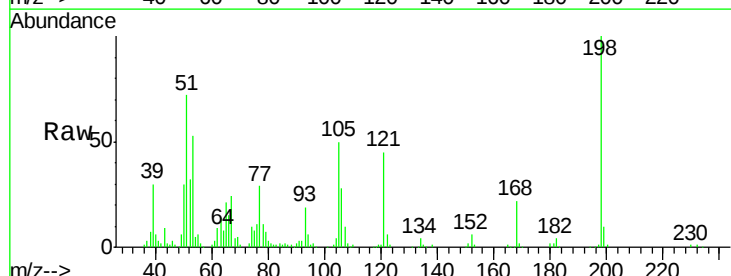
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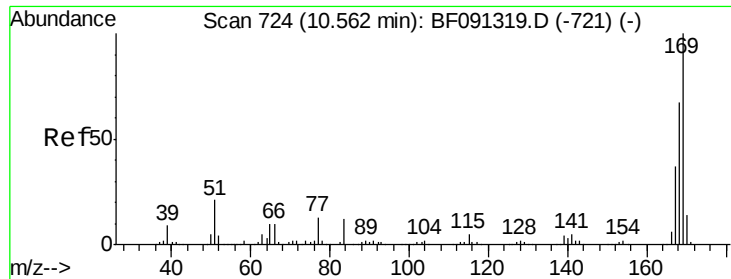
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.34 ng
 RT: 10.49 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	72.3	77.1	117.1#
105	50.1	44.8	84.8





#65

n-Nitrosodiphenylamine

Concen: 37.12 ng

RT: 10.56 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

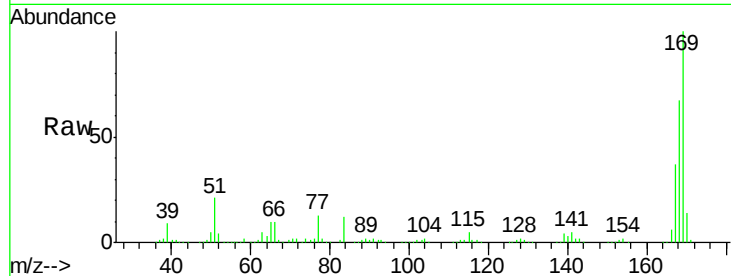
ClientSampleId :

SSTDICCC040

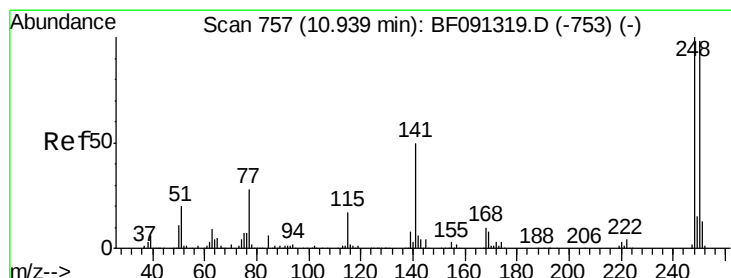
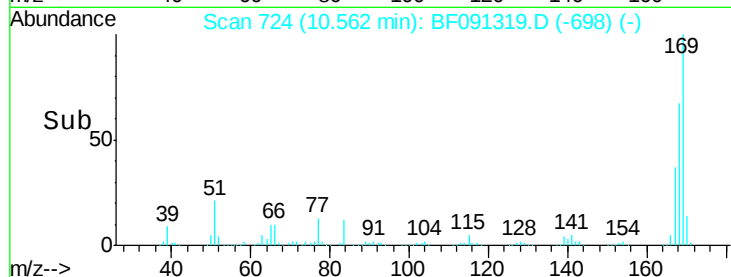
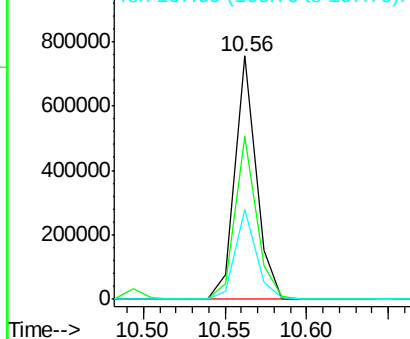
Tgt Ion:	169	Resp:	678308
Ion Ratio	Lower	Upper	
169	100		
168	67.0	53.8	80.8
167	37.0	29.8	44.8

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



#66

4-Bromophenyl-phenylether

Concen: 40.73 ng

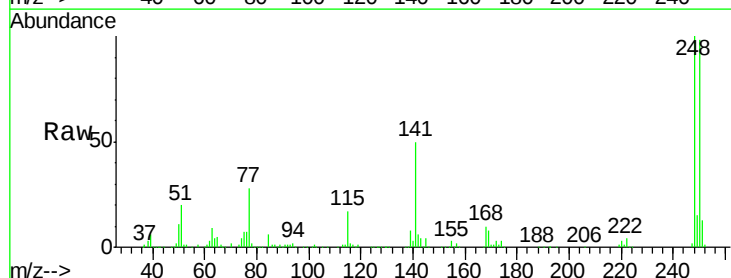
RT: 10.94 min Scan# 757

Delta R.T. 0.00 min

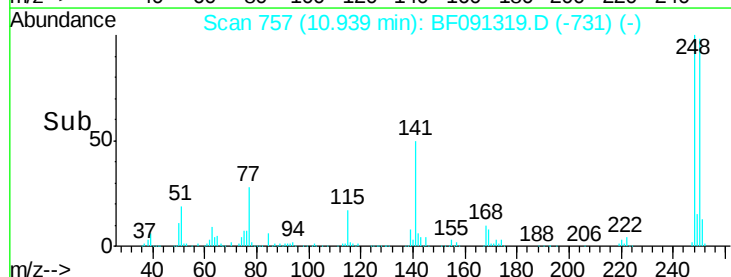
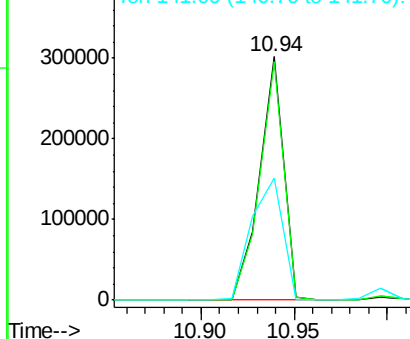
Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Tgt Ion:	248	Resp:	267940
Ion Ratio	Lower	Upper	
248	100		
250	98.2	78.2	117.4
141	50.2	71.9	107.9#



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





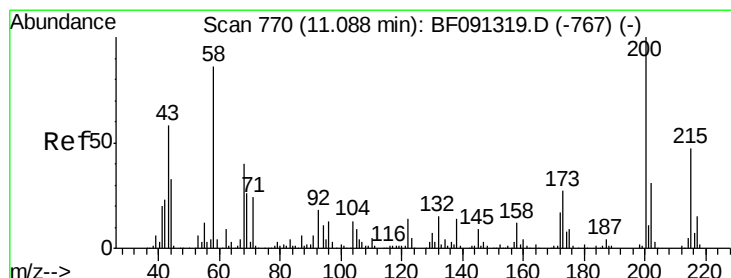
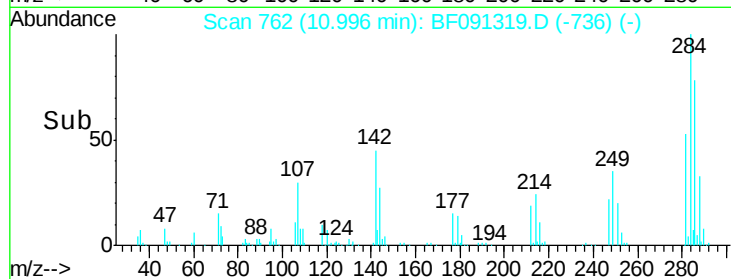
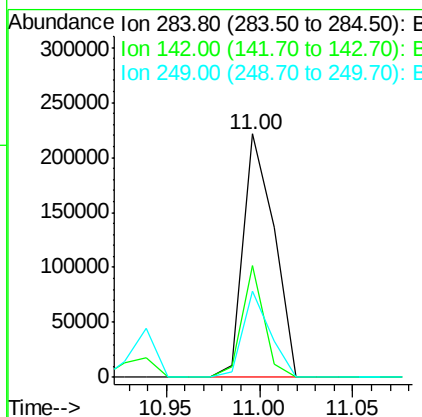
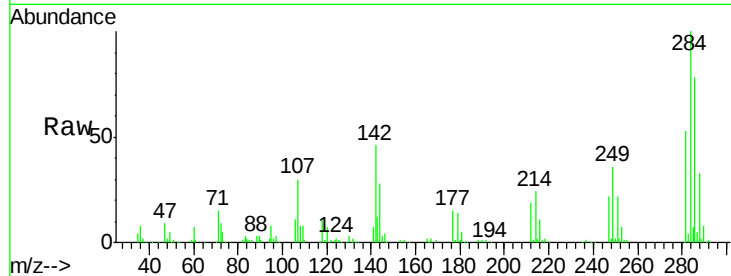
#67
Hexachlorobenzene
Concen: 35.14 ng
RT: 11.00 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	46.0	17.9	26.9#
249	35.5	23.6	35.4#

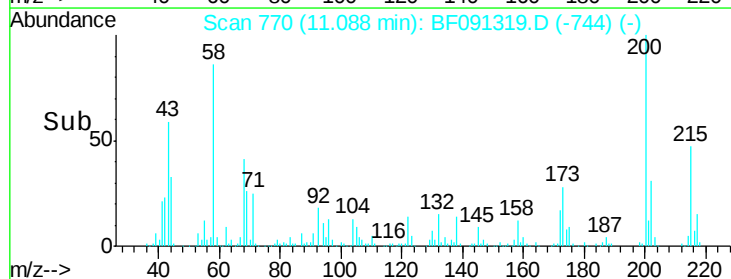
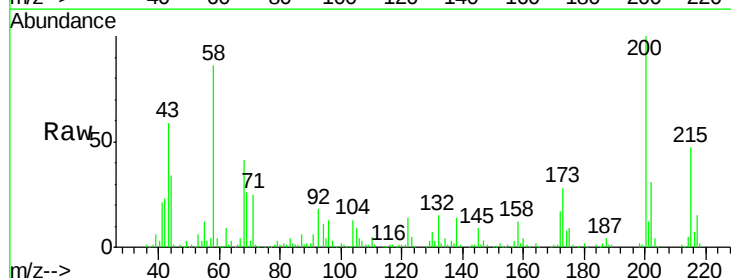
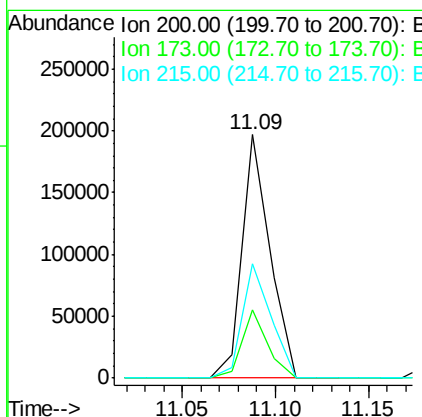
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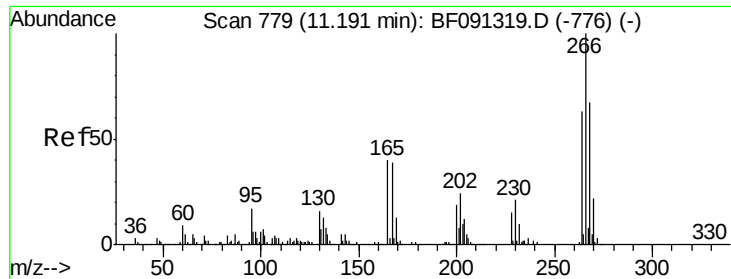
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#68
Atrazine
Concen: 42.38 ng
RT: 11.09 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.9	7.8	47.8
215	46.9	24.3	64.3





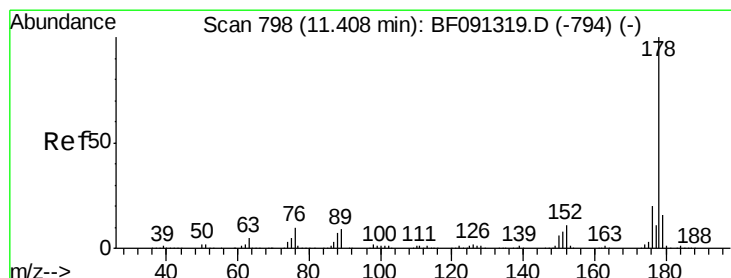
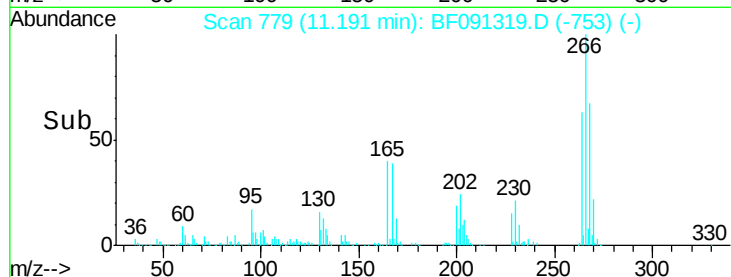
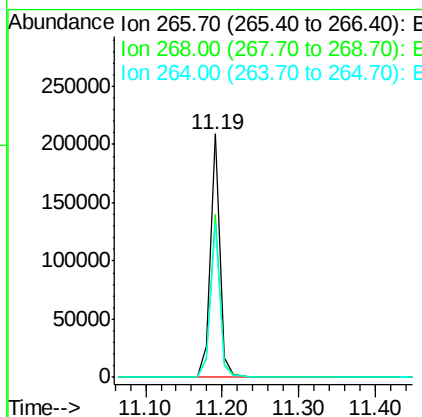
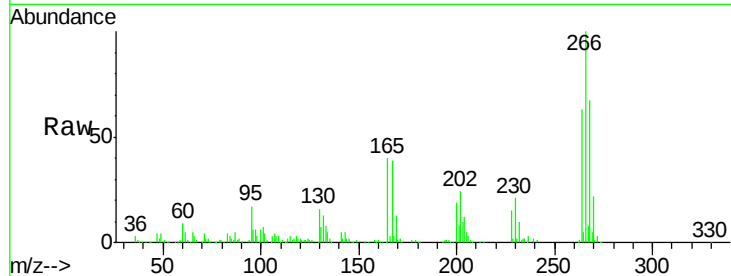
#69
 Pentachlorophenol
 Concen: 41.82 ng
 RT: 11.19 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.9	50.3	75.5
264	63.2	48.2	72.2

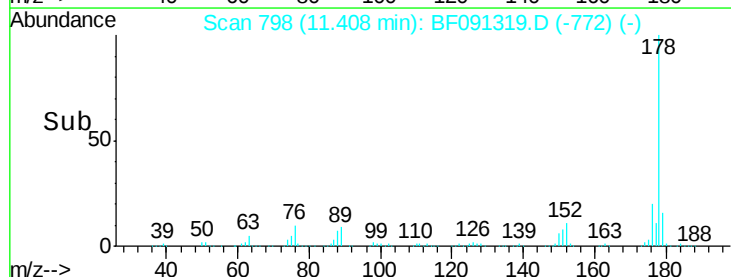
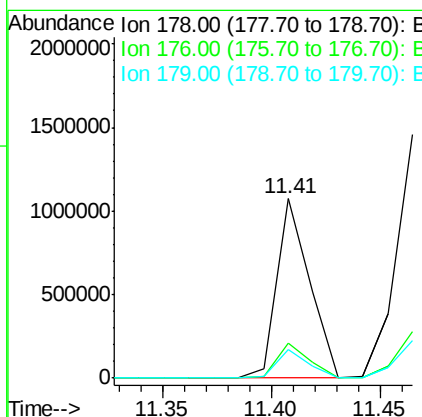
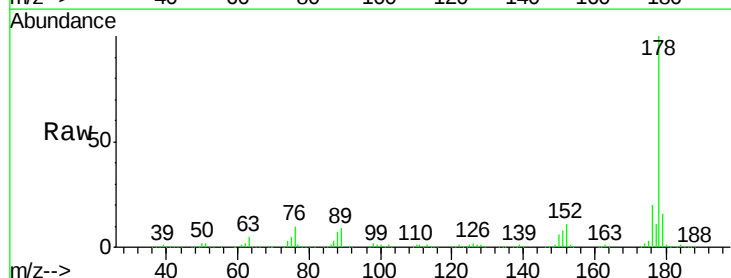
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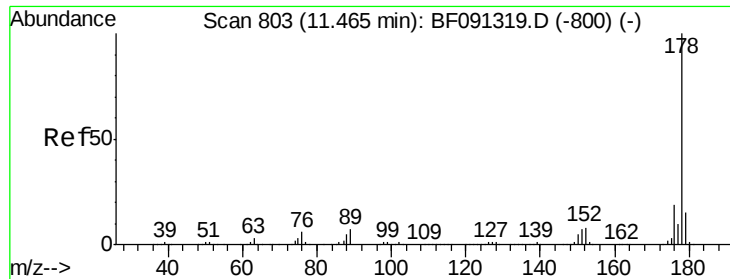
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#70
 Phenanthrene
 Concen: 36.24 ng
 RT: 11.41 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	16.1	12.6	18.8





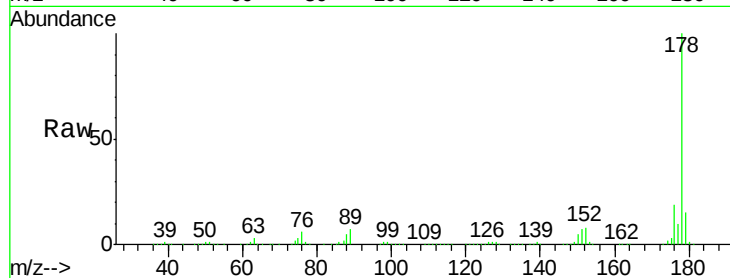
#71
 Anthracene
 Concen: 40.52 ng
 RT: 11.46 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

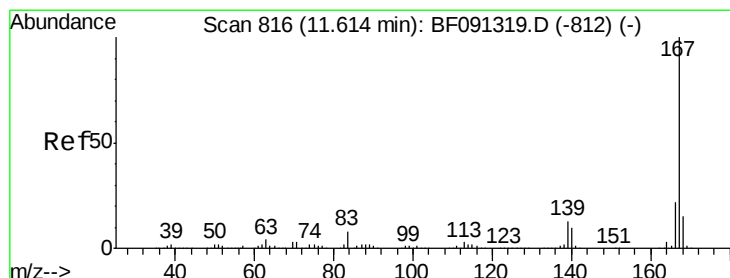
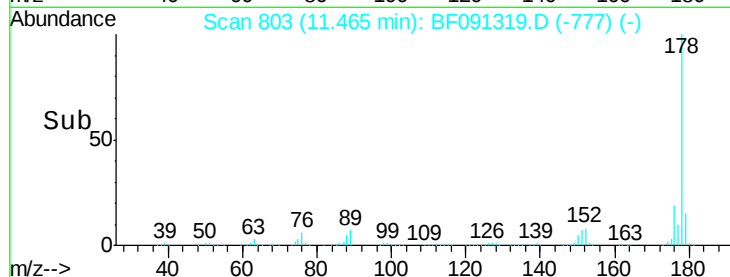
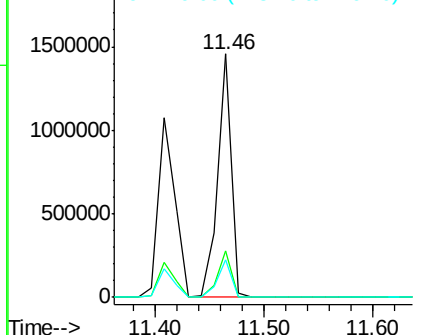
Tgt Ion:178 Resp: 1293743
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.6
 179 15.4 12.7 19.1

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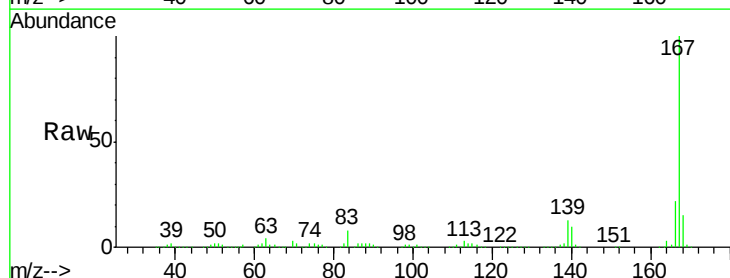


Abundance Ion 178.00 (177.70 to 178.70): E
 2000000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

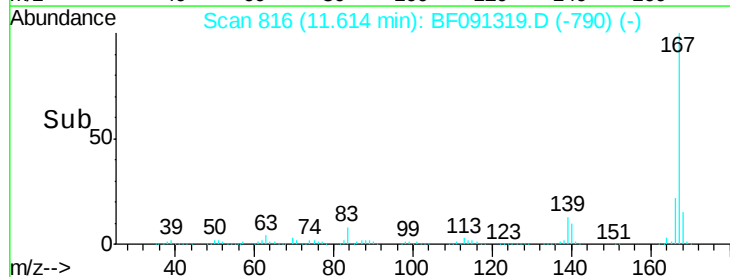
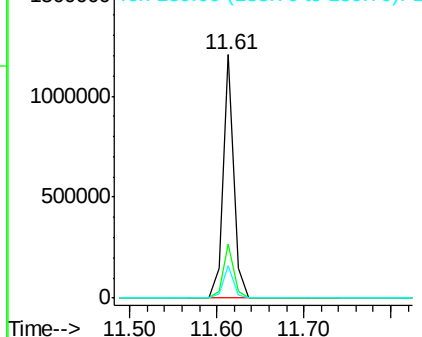


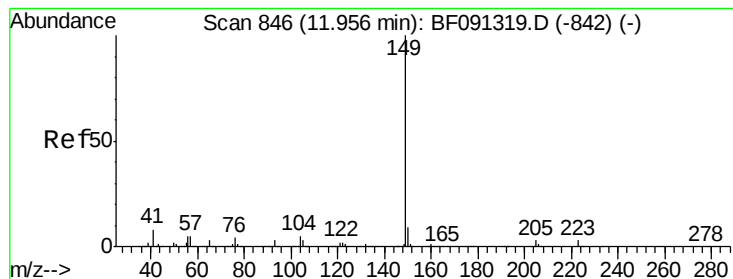
#72
 Carbazole
 Concen: 36.49 ng
 RT: 11.61 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion:167 Resp: 1036888
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.3 11.5 17.3



Abundance Ion 167.00 (166.70 to 167.70): E
 1500000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.94 ng

RT: 11.96 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:149 Resp: 1314096

Ion Ratio Lower Upper

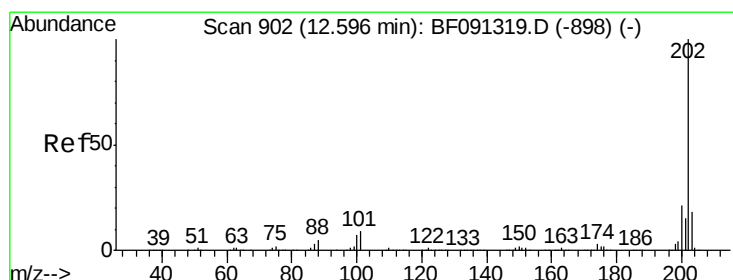
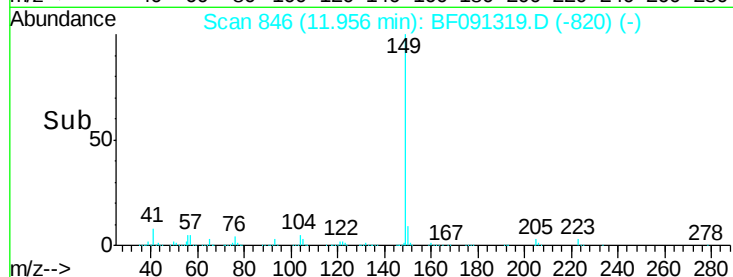
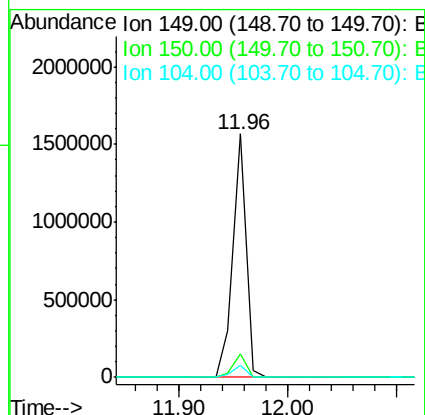
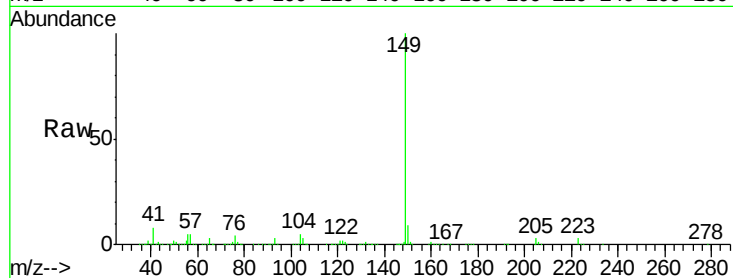
149 100

150 9.4 7.5 11.3

104 4.7 4.0 6.0

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#74

Fluoranthene

Concen: 39.33 ng

RT: 12.60 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

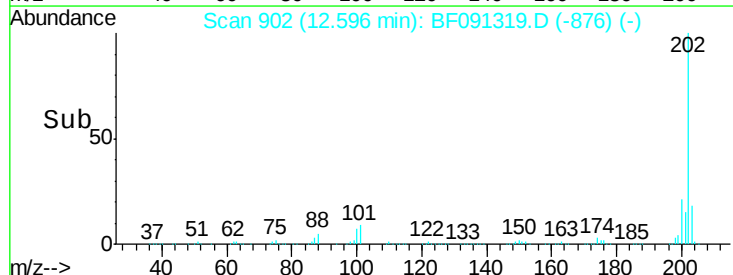
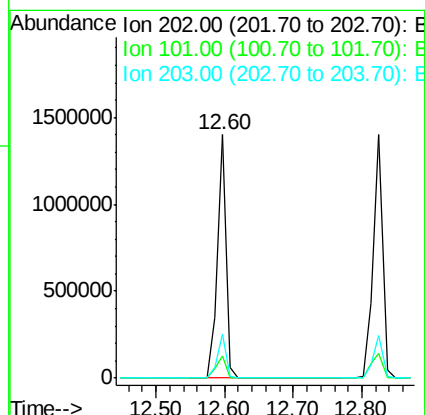
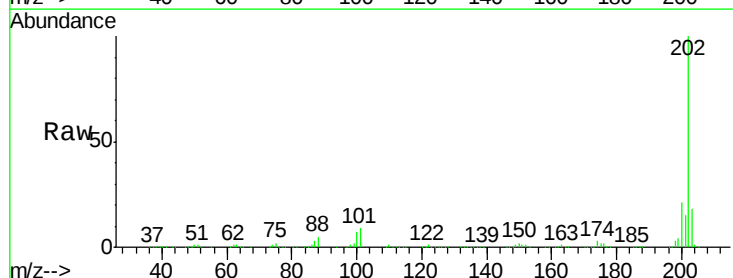
Tgt Ion:202 Resp: 1249163

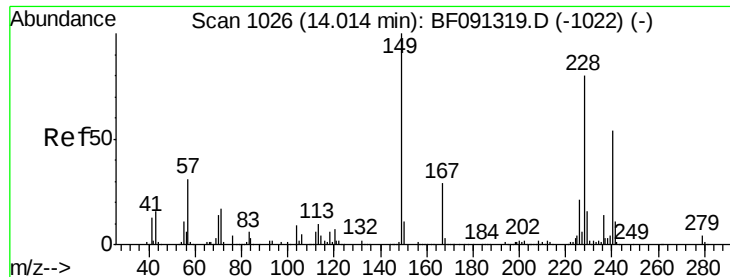
Ion Ratio Lower Upper

202 100

101 9.0 0.0 29.5

203 18.1 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

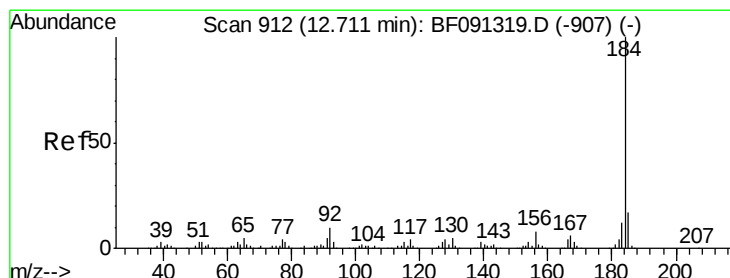
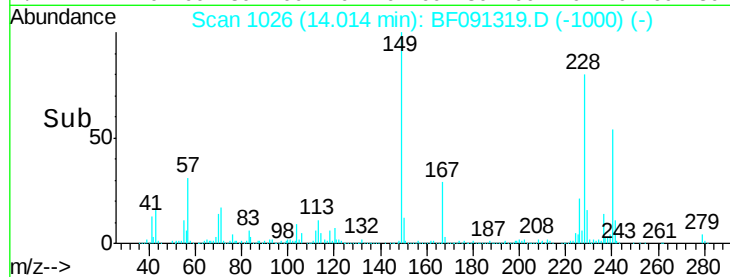
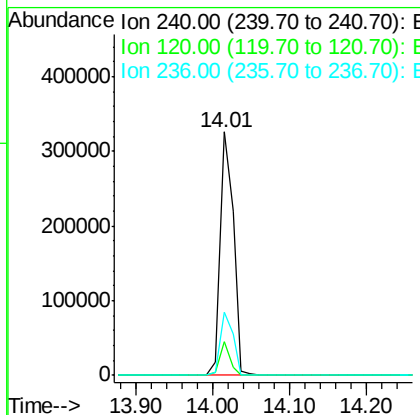
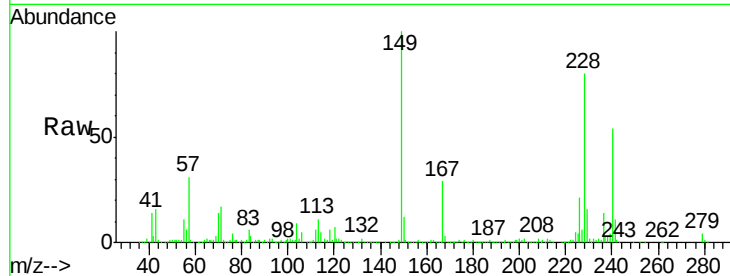
ClientSampleId :

SSTDICCC040

Tgt Ion:	240	Resp:	395513
Ion Ratio	Lower	Upper	
240	100		
120	13.9	12.1	18.1
236	25.7	21.0	31.6

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#76

Benzidine

Concen: 63.88 ng

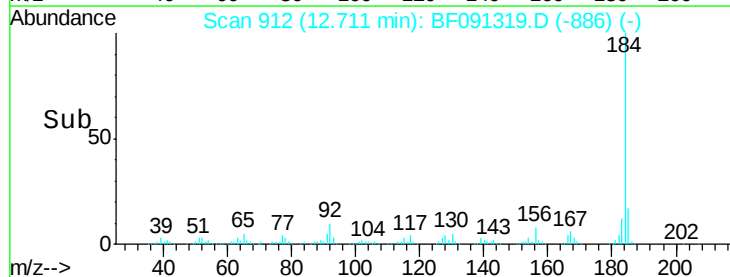
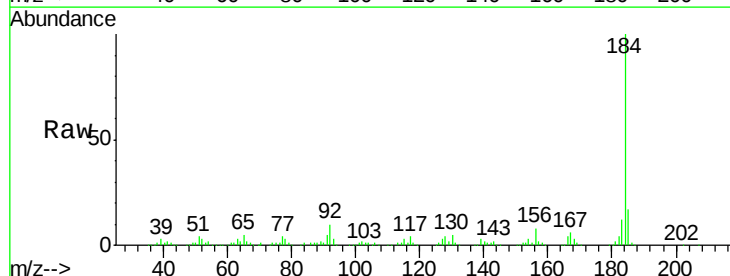
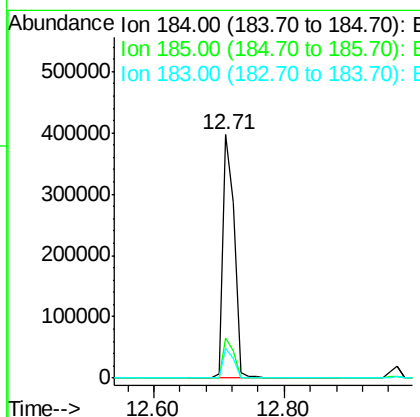
RT: 12.71 min Scan# 912

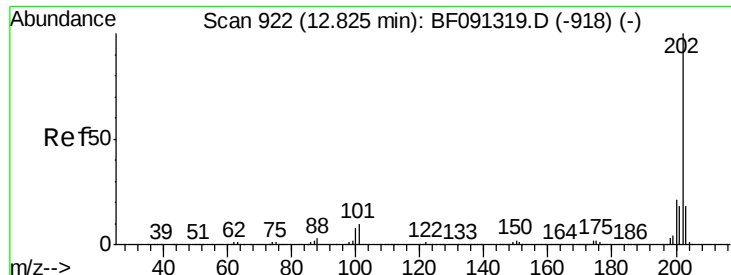
Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Tgt Ion:	184	Resp:	489642
Ion Ratio	Lower	Upper	
184	100		
185	16.7	13.1	19.7
183	12.0	8.9	13.3





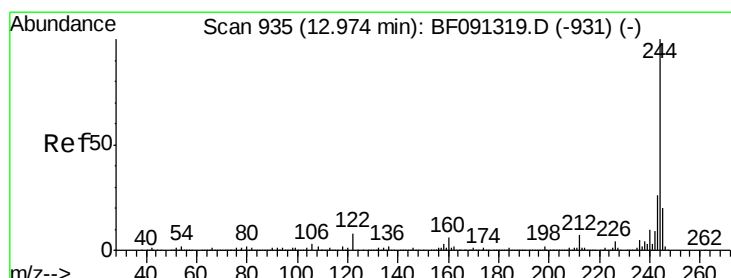
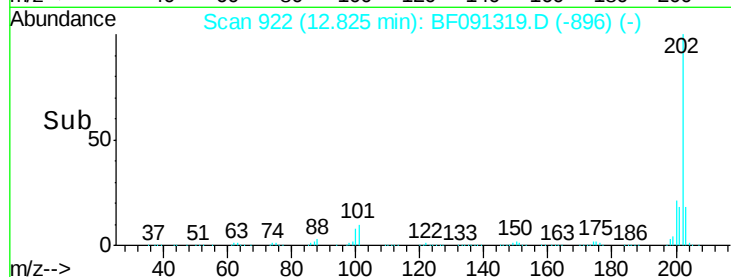
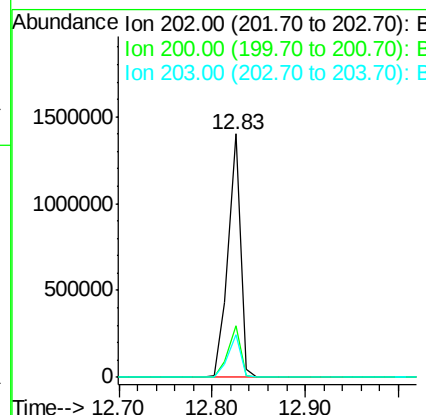
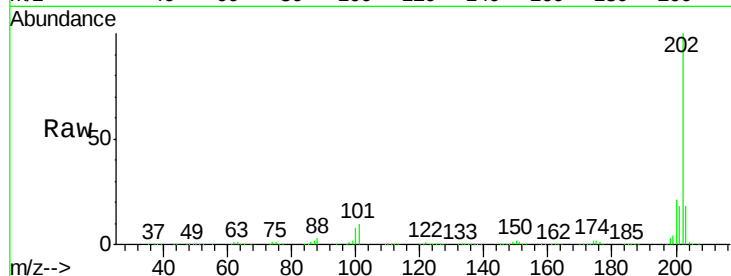
#77
 Pyrene
 Concen: 44.53 ng
 RT: 12.83 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.6	14.0	21.0

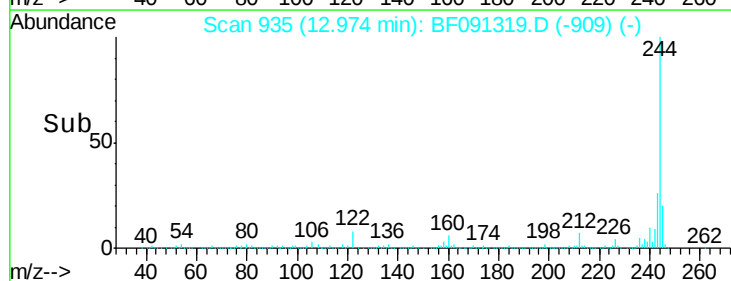
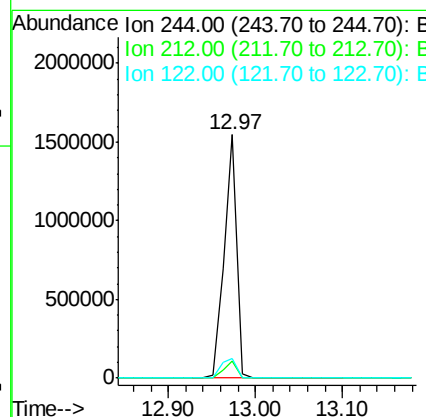
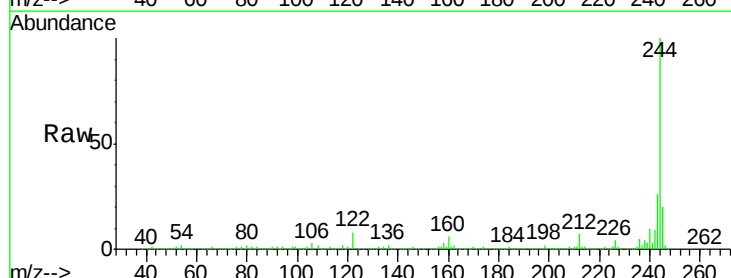
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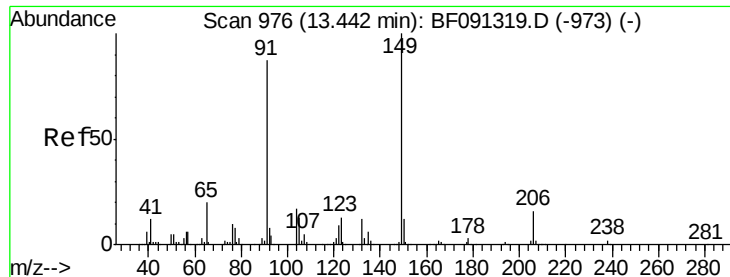
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#78
 Terphenyl-d14
 Concen: 90.81 ng
 RT: 12.97 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.5	9.7
122	8.3	9.5	14.3#





#79

Butylbenzylphthalate

Concen: 38.37 ng

RT: 13.44 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

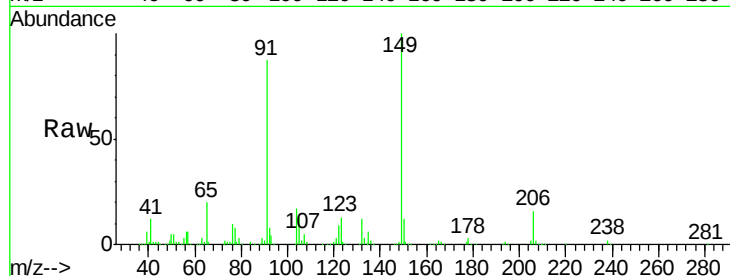
ClientSampleId :

SSTDICCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	448714		
91	87.4	57.4	86.2#	
206	16.0	15.4	23.2	

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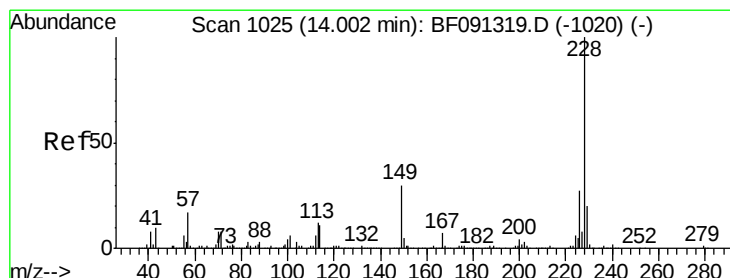
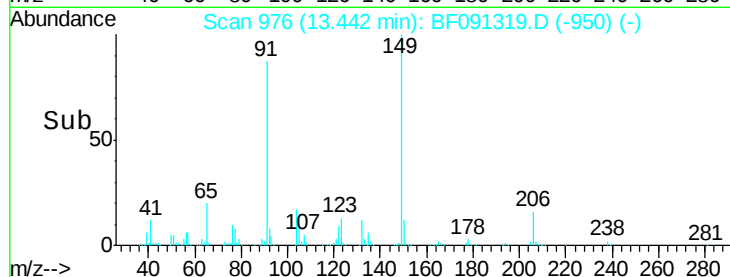
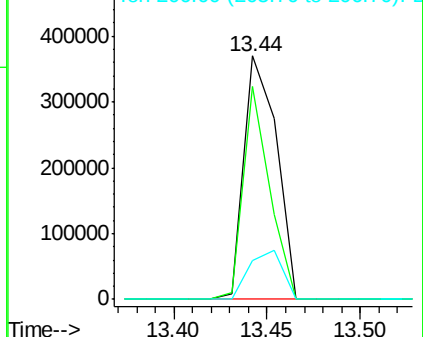
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.70 ng

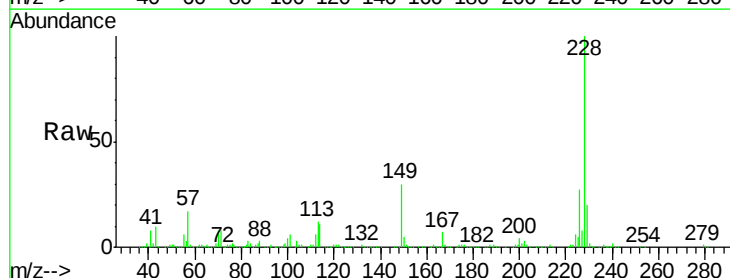
RT: 14.00 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

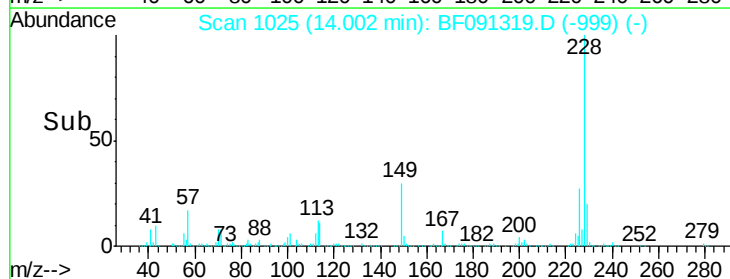
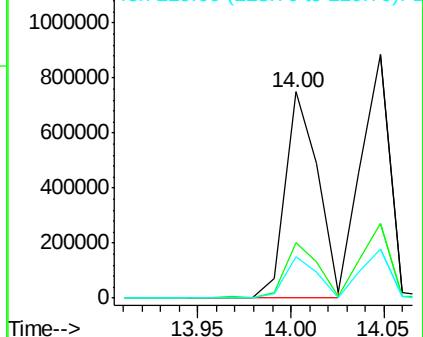
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	913671		
226	26.7	22.5	33.7	
229	20.1	16.4	24.6	

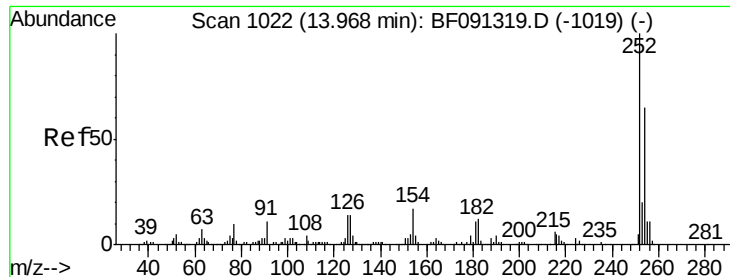


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





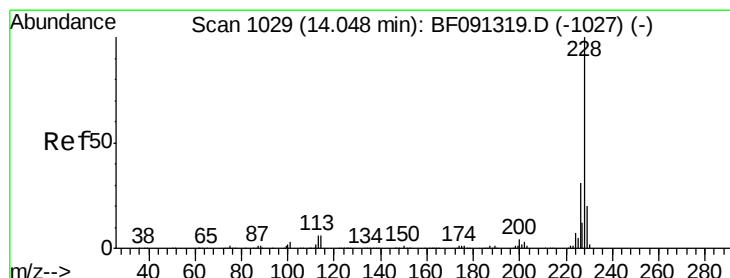
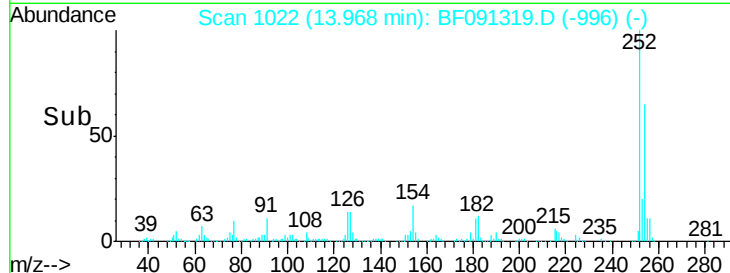
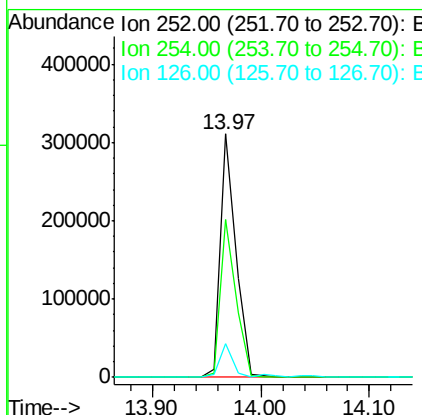
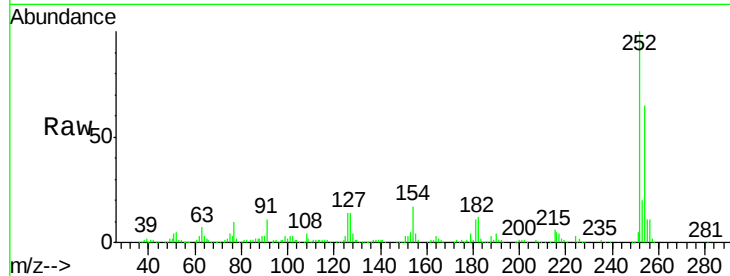
#81
 3,3'-Dichlorobenzidine
 Concen: 42.11 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.9	52.1	78.1
126	13.9	7.5	11.3

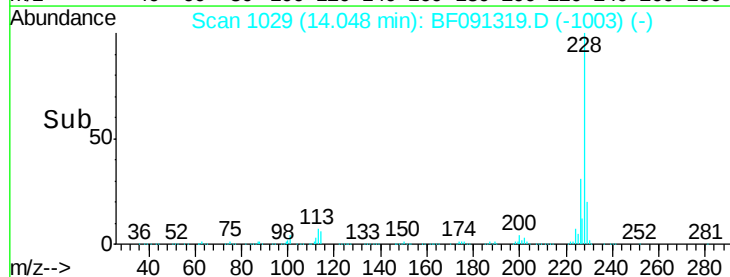
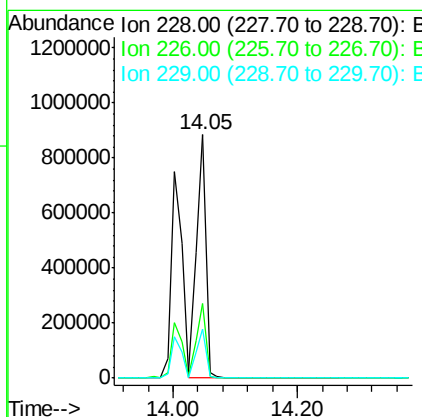
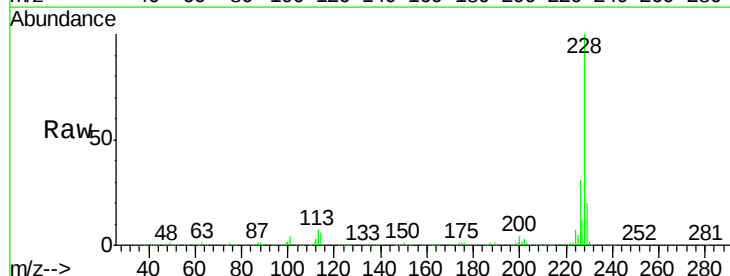
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#82
 Chrysene
 Concen: 44.68 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.8	25.0	37.4
229	19.9	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.59 ng

RT: 14.01 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

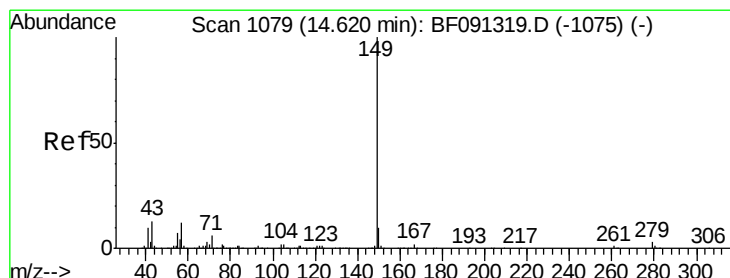
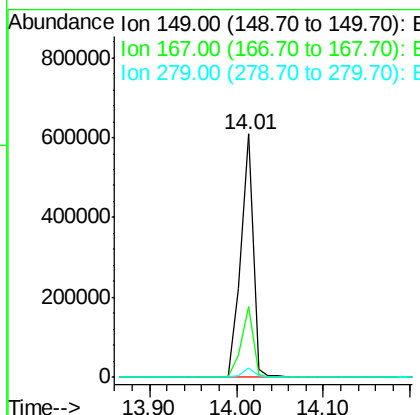
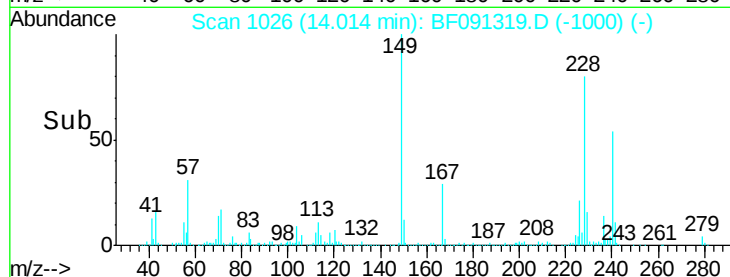
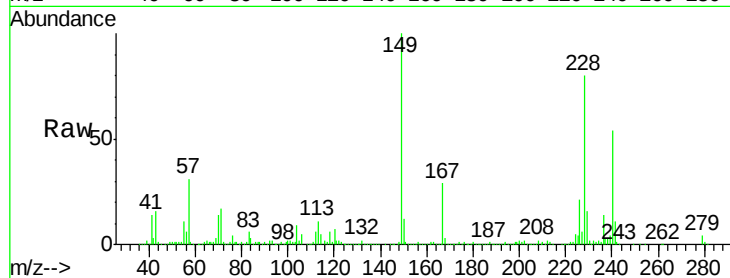
ClientSampleId :

SSTDICCC040

Tgt Ion:	149	Resp:	591024
Ion Ratio	Lower	Upper	
149	100		
167	28.9	19.6	29.4
279	4.0	1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 38.65 ng

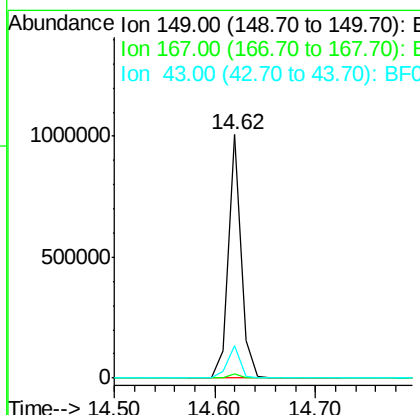
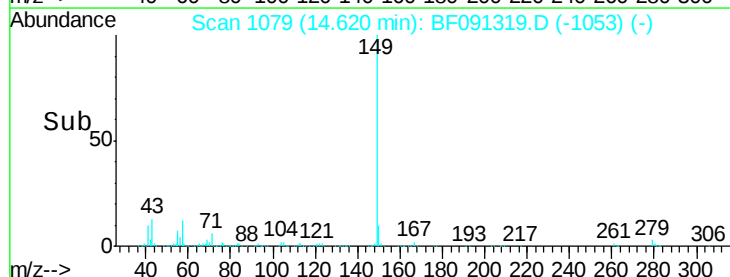
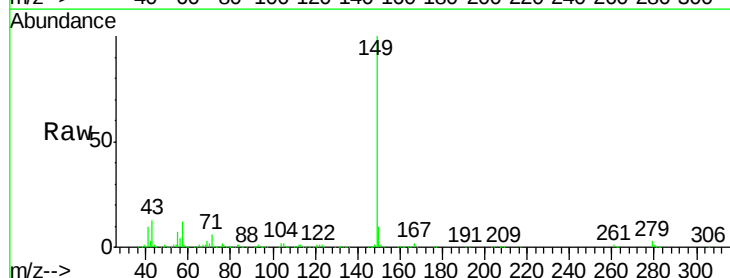
RT: 14.62 min Scan# 1079

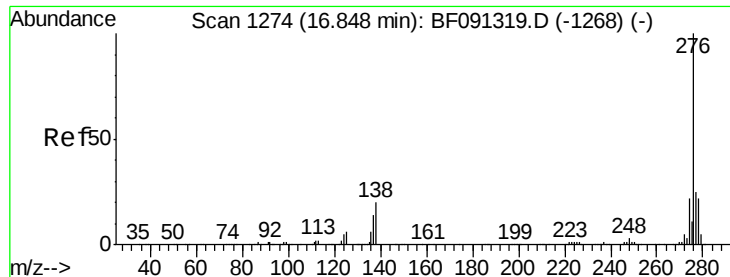
Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Tgt Ion:	149	Resp:	885676
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	13.5	11.9	17.9





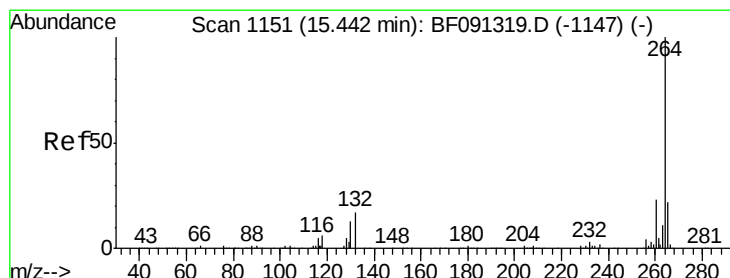
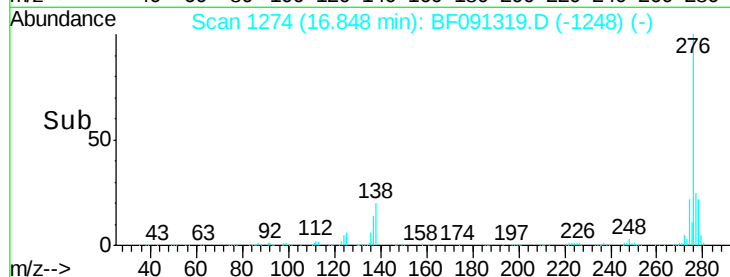
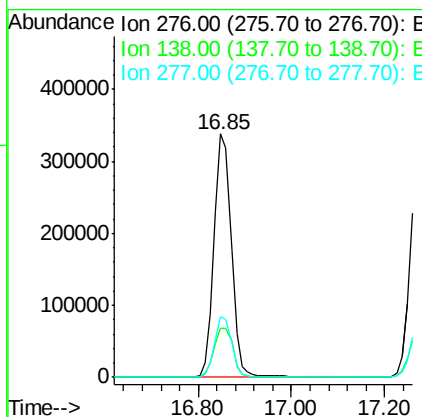
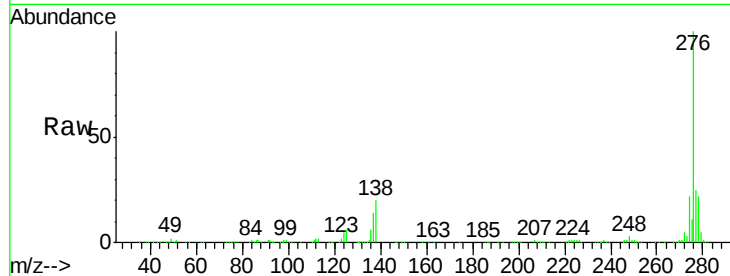
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.27 ng
 RT: 16.85 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	21.0	31.4
277	24.9	20.2	30.2

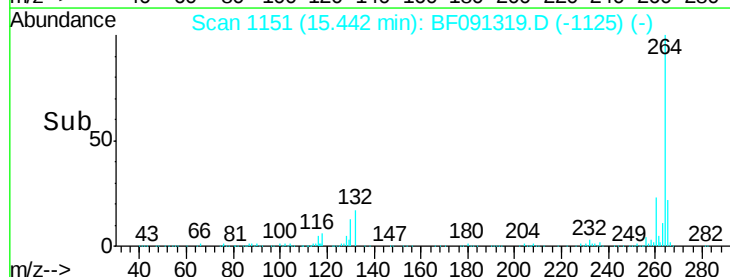
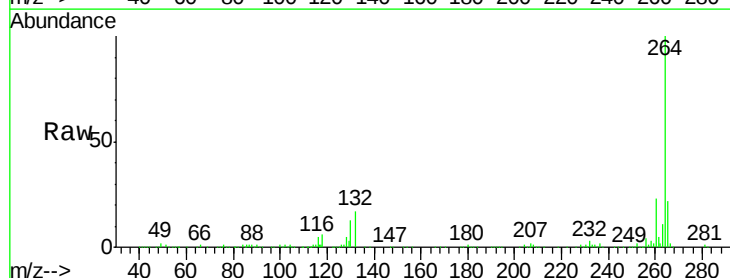
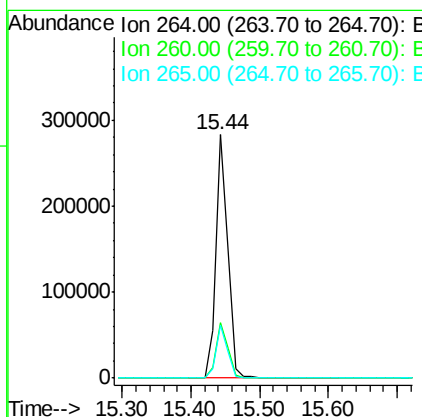
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.8	28.2
265	21.9	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 43.38 ng m

RT: 15.03 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

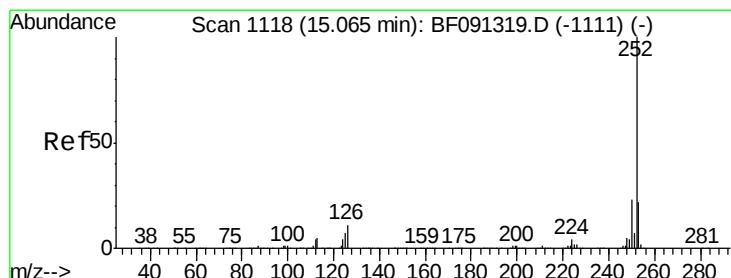
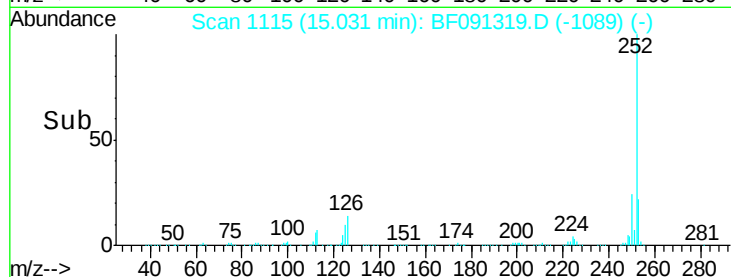
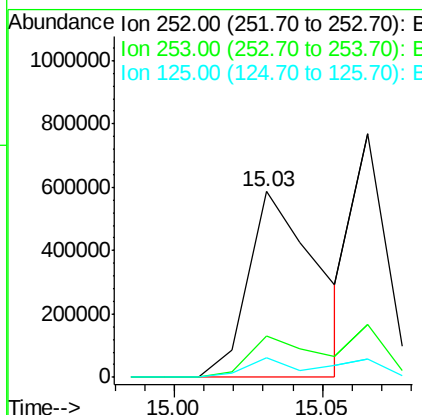
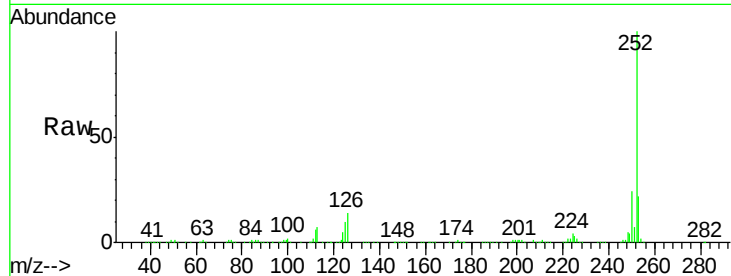
ClientSampleId :

SSTDICCC040

Tgt Ion:	252	Resp:	953302
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.2	27.2
125	10.4	8.6	13.0

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#88

Benzo(k)fluoranthene

Concen: 33.90 ng m

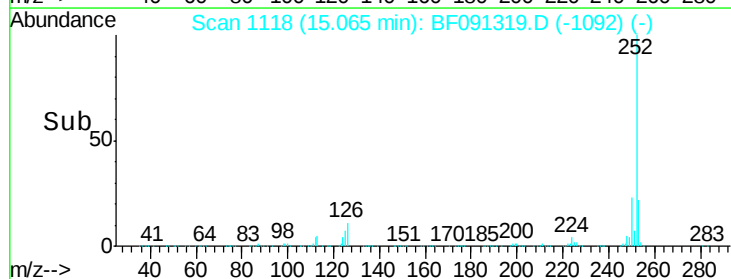
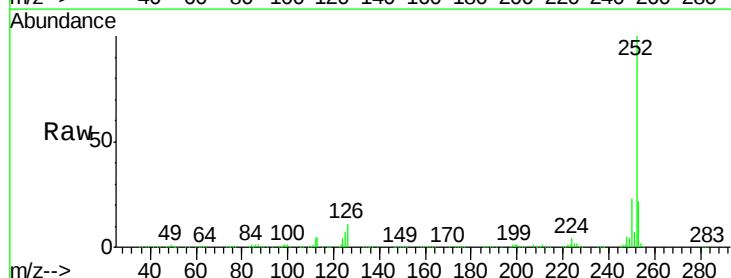
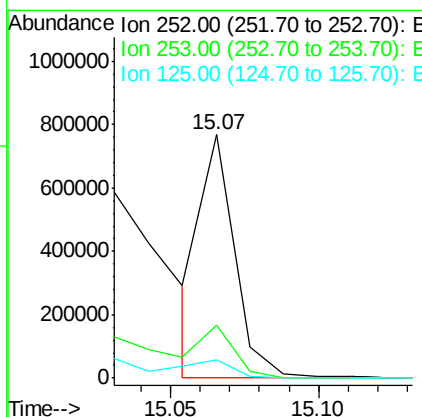
RT: 15.07 min Scan# 1118

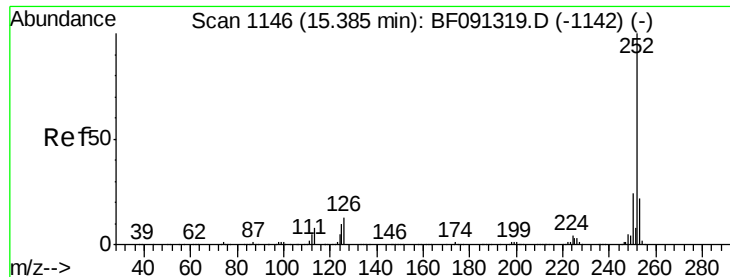
Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Tgt Ion:	252	Resp:	608353
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.8
125	7.5	9.6	14.4#





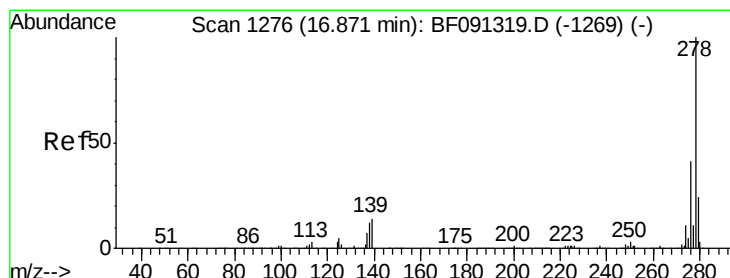
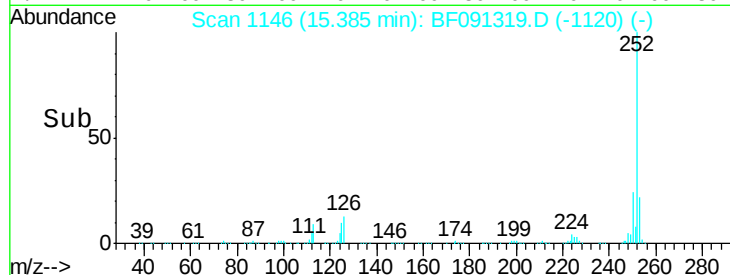
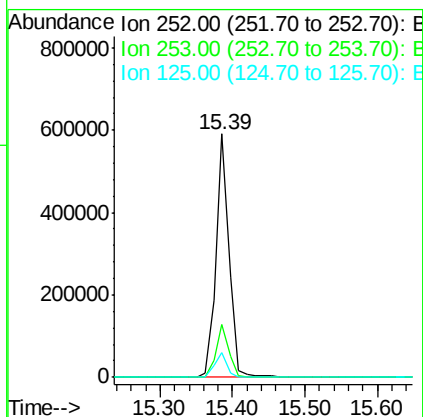
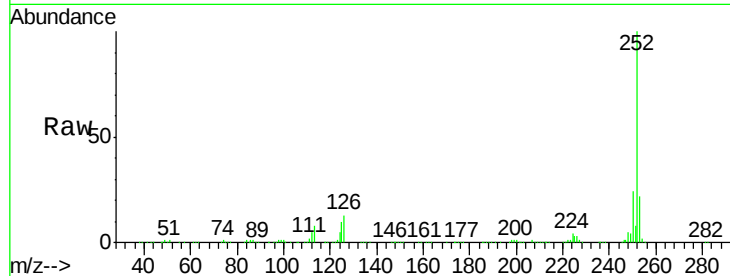
#89
Benzo(a)pyrene
Concen: 39.61 ng
RT: 15.39 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	10.1	10.4	15.6

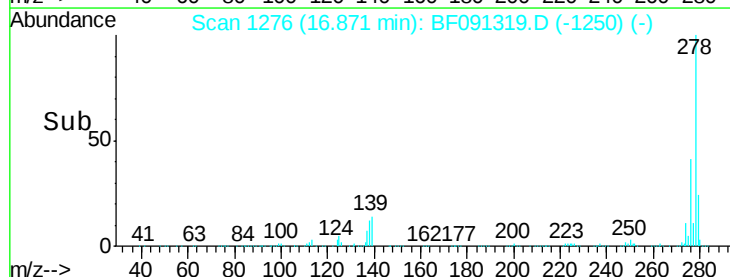
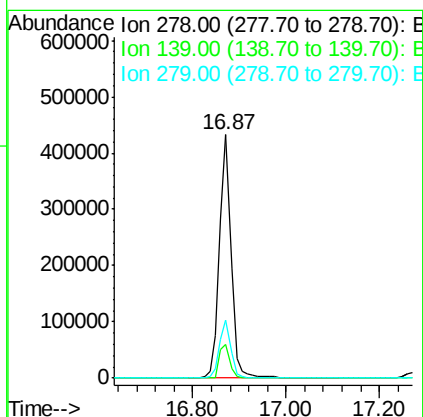
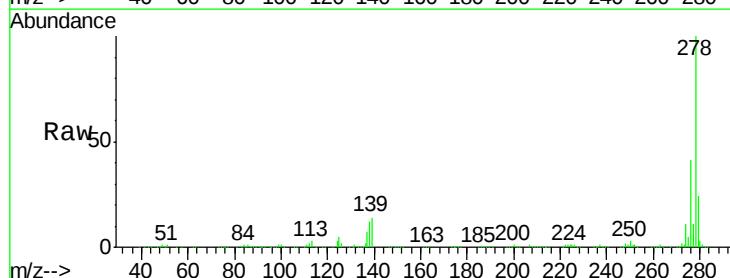
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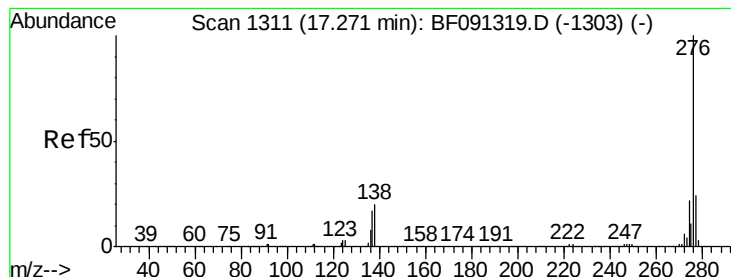
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#90
Dibenzo(a,h)anthracene
Concen: 43.01 ng
RT: 16.87 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

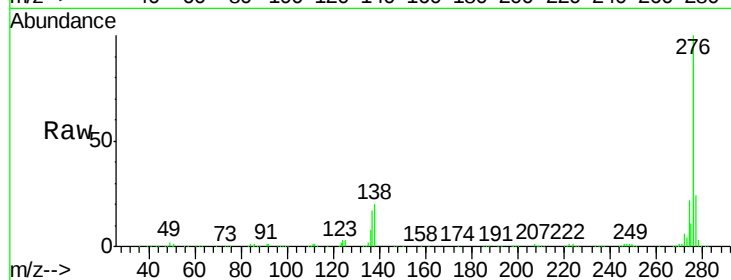
Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	15.1	22.7
279	23.9	19.0	28.6





#91
 Benzo(g,h,i)perylene
 Concen: 45.72 ng
 RT: 17.27 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040



Tgt	Ion	276	Resp:	782617
Ion	Ratio	Lower	Upper	
276	100			
277	23.8	19.0	28.4	
138	19.9	15.4	23.0	

Manual Integrations
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