

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091416.D
 Acq On : 3 Dec 2016 3:43
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Dec 03 04:11:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	159750	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	644942	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	321186	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	507064	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	363064	20.00	ng	-0.03
86) Perylene-d12	15.45	264	309047	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	743634	76.04	ng	-0.02
7) Phenol-d6	6.49	99	948264	78.77	ng	0.00
23) Nitrobenzene-d5	7.43	82	900141	78.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	200355	65.89	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1456768	82.12	ng	-0.02
78) Terphenyl-d14	12.97	244	1336409	80.00	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.42	88	157246	35.55	ng	# 85
3) Pyridine	3.16	79	489981	39.14	ng	88
4) n-Nitrosodimethylamine	3.10	42	271868	41.39	ng	98
6) Aniline	6.53	93	666034	41.65	ng	# 68
8) 2-Chlorophenol	6.64	128	410530	38.29	ng	# 76
9) Benzaldehyde	6.40	77	307942	39.78	ng	92
10) Phenol	6.50	94	488684	34.50	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	381343	37.68	ng	94
12) 1,3-Dichlorobenzene	6.80	146	466816	39.14	ng	96
13) 1,4-Dichlorobenzene	6.88	146	510363	43.02	ng	100
14) 1,2-Dichlorobenzene	7.03	146	414320	37.49	ng	97
15) Benzyl Alcohol	7.01	79	425915	44.21	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	862802	39.65	ng	72
17) 2-Methylphenol	7.12	107	358725	42.33	ng	# 76
18) Hexachloroethane	7.37	117	136357	32.37	ng	# 78
19) n-Nitroso-di-n-propylamine	7.28	70	297344	39.21	ng	# 96
20) 3+4-Methylphenols	7.27	107	393431	38.03	ng	# 65
22) Acetophenone	7.28	105	613218	40.12	ng	98
24) Nitrobenzene	7.45	77	470996	39.97	ng	# 72
25) Isophorone	7.69	82	803454	39.41	ng	95
26) 2-Nitrophenol	7.76	139	158984	29.61	ng	95
27) 2,4-Dimethylphenol	7.81	122	404752	40.29	ng	94
28) bis(2-Chloroethoxy)methane	7.90	93	457905	37.31	ng	99
29) 2,4-Dichlorophenol	8.00	162	317761	35.96	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	408693	41.25	ng	97
31) Naphthalene	8.17	128	1269462	41.42	ng	100
32) Benzoic acid	7.91	122	179399	24.23	ng	94
33) 4-Chloroaniline	8.22	127	531205	40.54	ng	97
34) Hexachlorobutadiene	8.30	225	230331	37.81	ng	99
35) Caprolactam	8.60	113	108122	42.57	ng	# 86
36) 4-Chloro-3-methylphenol	8.70	107	362461	37.99	ng	97
37) 2-Methylnaphthalene	8.86	142	732492	35.17	ng	93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	407095	44.96	ng	# 97
40) Hexachlorocyclopentadiene	9.02	237	33954	8.09	ng	98

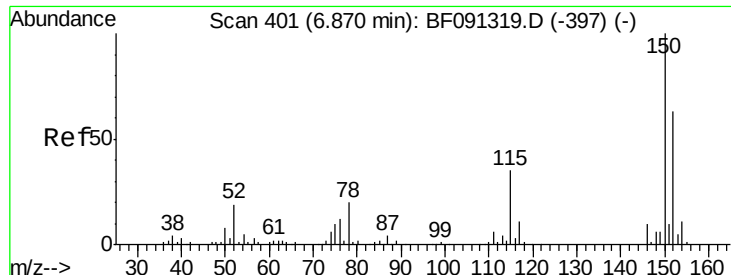
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42) 2,4,6-Trichlorophenol	9.14	196	230079	39.10	ng	94
43) 2,4,5-Trichlorophenol	9.18	196	236165	40.05	ng	95
45) 1,1'-Biphenyl	9.33	154	997993	43.21	ng	97
46) 2-Chloronaphthalene	9.35	162	707426	41.13	ng	99
47) 2-Nitroaniline	9.44	65	268915	43.53	ng	# 77
48) Acenaphthylene	9.76	152	1026603	37.92	ng	98
49) Dimethylphthalate	9.62	163	802681	41.27	ng	97
50) 2,6-Dinitrotoluene	9.68	165	167459	38.52	ng	89
51) Acenaphthene	9.93	154	655312	35.88	ng	97
52) 3-Nitroaniline	9.85	138	200646	39.88	ng	90
54) Dibenzofuran	10.10	168	911394	37.27	ng	98
55) 4-Nitrophenol	10.00	139	115383	31.75	ng	88
56) 2,4-Dinitrotoluene	10.08	165	198166	35.14	ng	# 55
57) Fluorene	10.45	166	700848	37.33	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.23	232	170052	33.77	ng	96
59) Diethylphthalate	10.32	149	834293	43.46	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	372473	39.56	ng	98
61) 4-Nitroaniline	10.46	138	196299	41.55	ng	85
62) Azobenzene	10.61	77	815966	41.65	ng	96
64) 4,6-Dinitro-2-methylphenol	10.49	198	7959	2.85	ng	# 55
65) n-Nitrosodiphenylamine	10.56	169	675073	43.91	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	226361	41.53	ng	95
67) Hexachlorobenzene	11.00	284	225101	38.22	ng	# 83
68) Atrazine	11.09	200	178498	35.85	ng	96
69) Pentachlorophenol	11.19	266	117279	33.83	ng	93
70) Phenanthrene	11.41	178	967980	36.74	ng	100
71) Anthracene	11.46	178	1054088	40.31	ng	97
72) Carbazole	11.61	167	917901	38.68	ng	98
73) Di-n-butylphthalate	11.96	149	1176333	43.74	ng	# 98
74) Fluoranthene	12.60	202	1049237	42.04	ng	98
76) Benzidine	12.71	184	377083	35.38	ng	98
77) Pyrene	12.82	202	1063595	38.60	ng	99
79) Butylbenzylphthalate	13.44	149	414924	40.22	ng	89
80) Benzo(a)anthracene	14.00	228	852385	40.15	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	333165	44.54	ng	# 98
82) Chrysene	14.05	228	912909	43.45	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	575199	43.98	ng	# 91
84) Di-n-octyl phthalate	14.62	149	1017127	51.40	ng	99
85) Indeno(1,2,3-cd)pyrene	16.85	276	623592	32.41	ng	95
87) Benzo(b)fluoranthene	15.07	252	1513450	78.79	ng	98
88) Benzo(k)fluoranthene	15.07	252	1513450	93.69	ng	98
89) Benzo(a)pyrene	15.39	252	697954	40.46	ng	98
90) Dibenzo(a,h)anthracene	16.87	278	549283	34.43	ng	# 94
91) Benzo(g,h,i)perylene	17.27	276	508442	30.91	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

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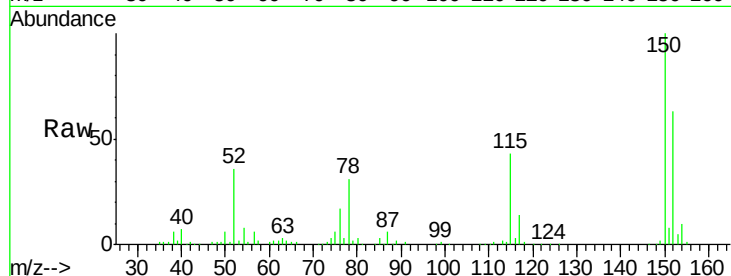
Tgt Ion:152 Resp: 159750

Ion Ratio Lower Upper

152 100

150 159.3 122.5 183.7

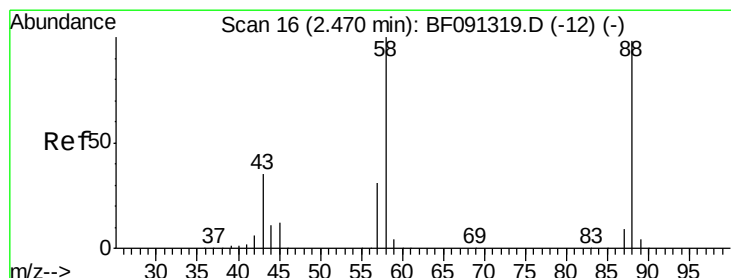
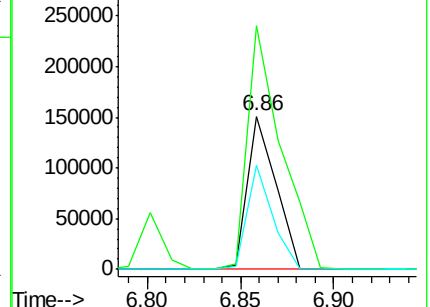
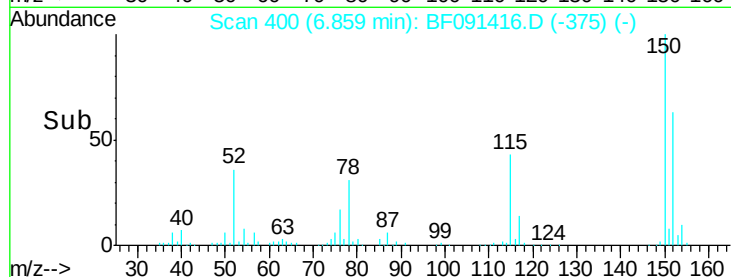
115 68.2 51.8 77.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.55 ng

RT: 2.42 min Scan# 12

Delta R.T. -0.07 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

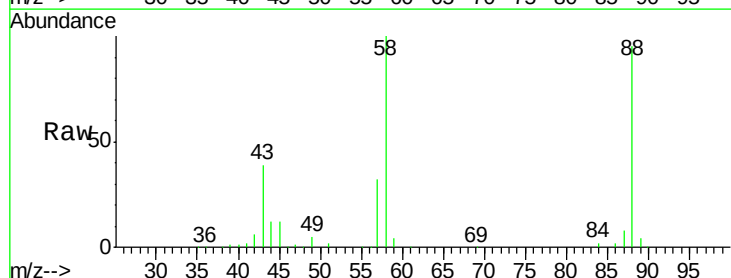
Tgt Ion: 88 Resp: 157246

Ion Ratio Lower Upper

88 100

58 106.0 70.3 105.5#

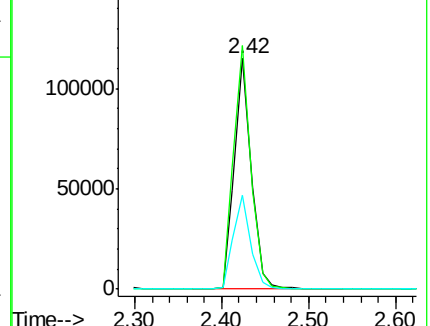
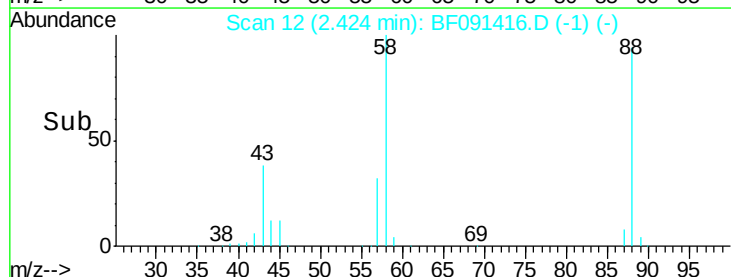
43 42.4 31.3 46.9

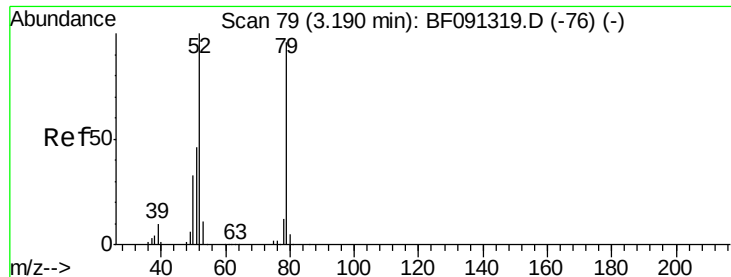


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.14 ng

RT: 3.16 min Scan# 76

Delta R.T. -0.06 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

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ClientSampleId :

SSTDCCC040EC

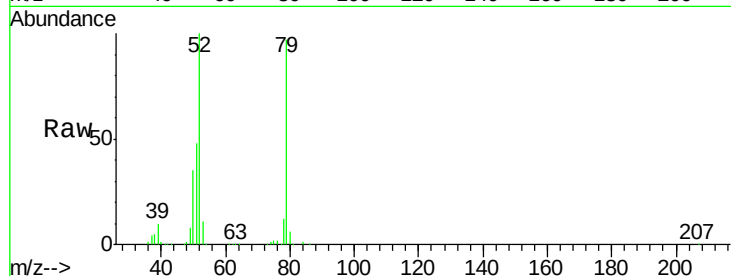
Tgt Ion: 79 Resp: 489981

Ion Ratio Lower Upper

79 100

52 103.4 71.0 106.4

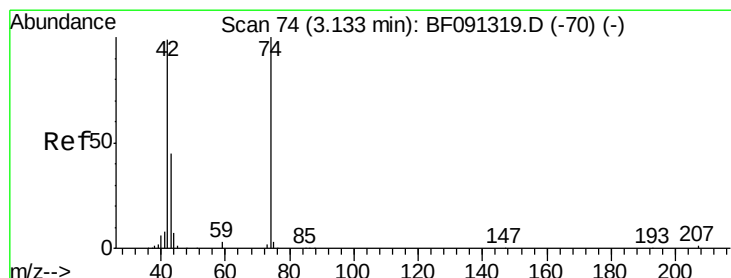
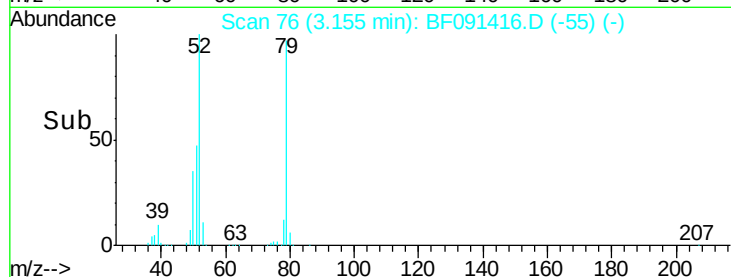
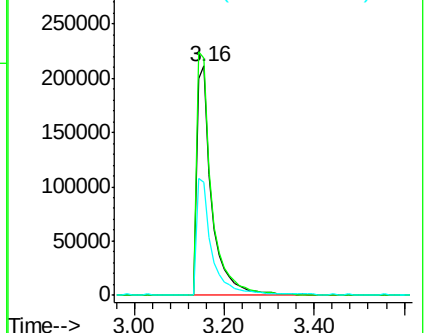
51 49.3 37.0 55.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.39 ng

RT: 3.10 min Scan# 71

Delta R.T. -0.07 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

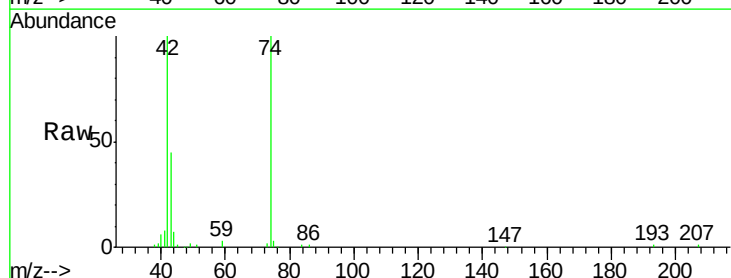
Tgt Ion: 42 Resp: 271868

Ion Ratio Lower Upper

42 100

74 100.4 78.9 118.3

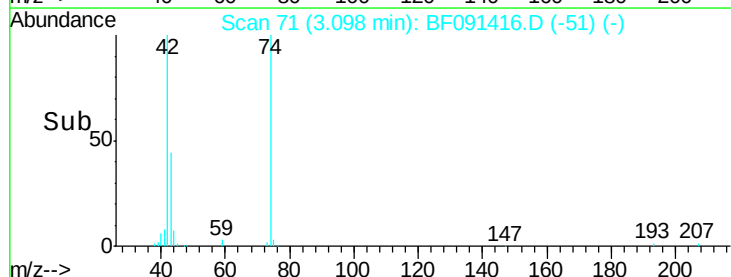
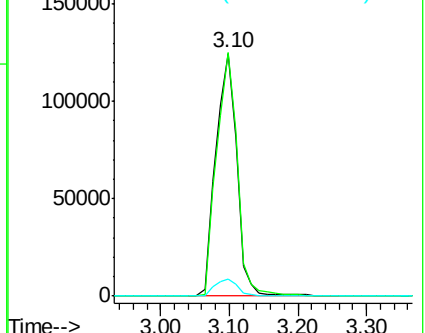
44 7.1 5.8 8.6

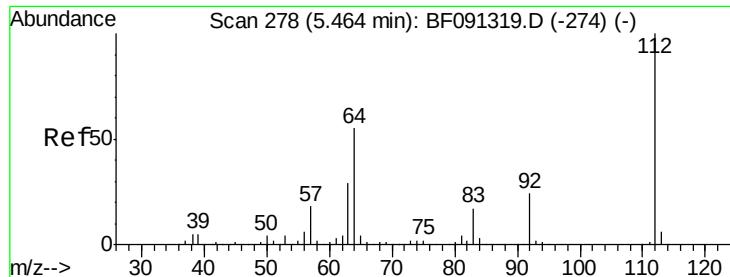


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 76.04 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

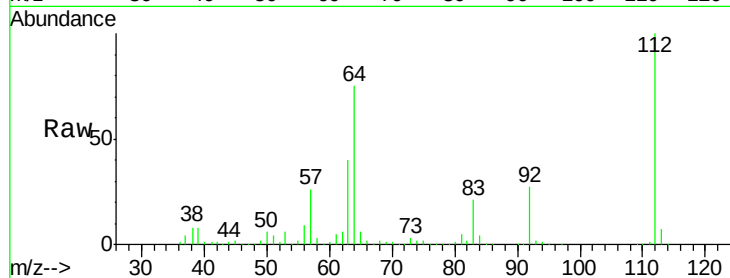
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

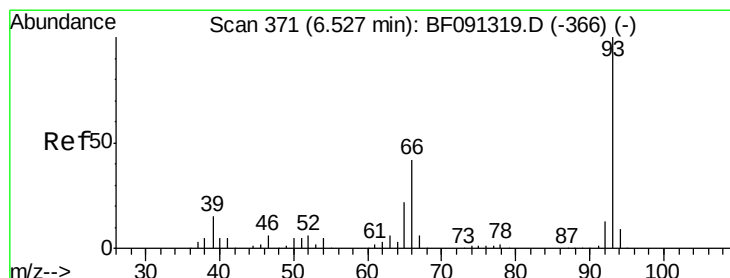
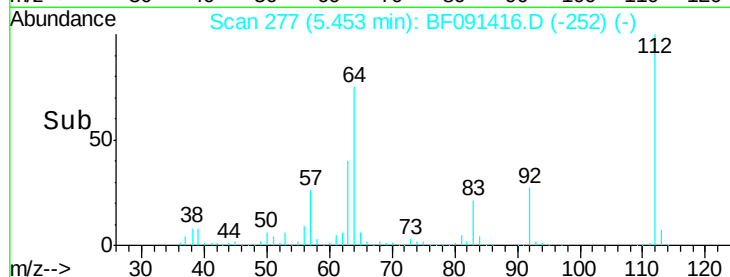
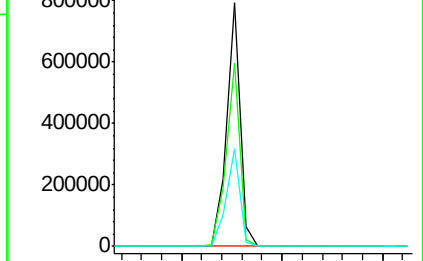
Tgt Ion:	112	Resp:	743634
Ion	Ratio	Lower	Upper
112	100		
64	75.2	61.5	92.3
63	40.4	33.3	49.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.65 ng

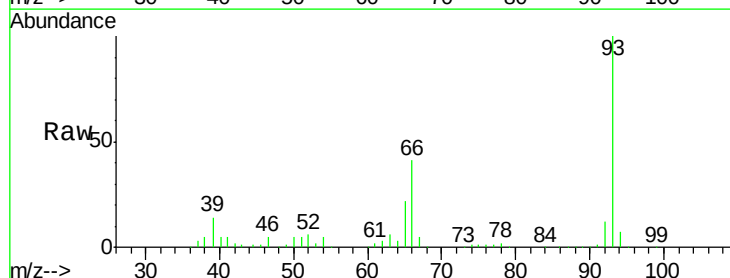
RT: 6.53 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

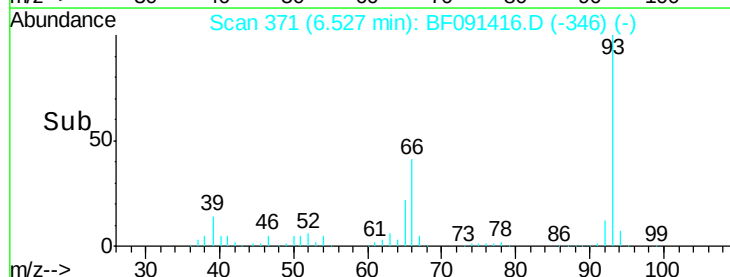
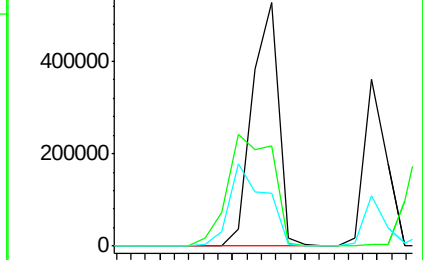
Tgt Ion:	93	Resp:	666034
Ion	Ratio	Lower	Upper
93	100		
66	41.1	55.8	83.6#
65	21.5	29.9	44.9#

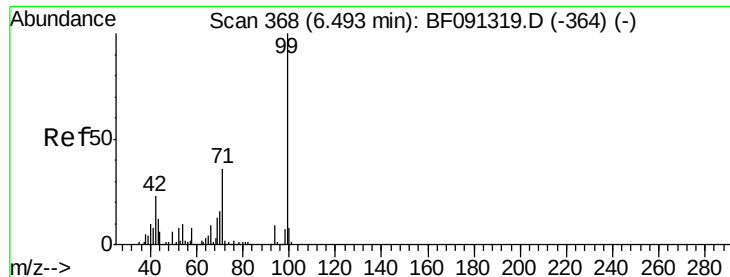


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.77 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091416.D

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ClientSampleId :

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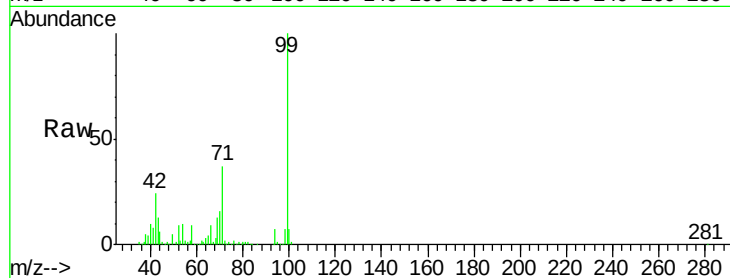
Tgt Ion: 99 Resp: 948264

Ion Ratio Lower Upper

99 100

42 24.2 20.6 31.0

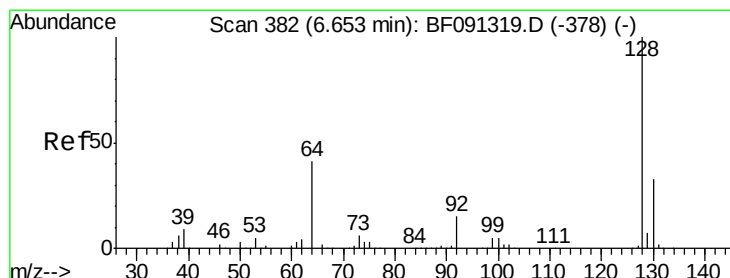
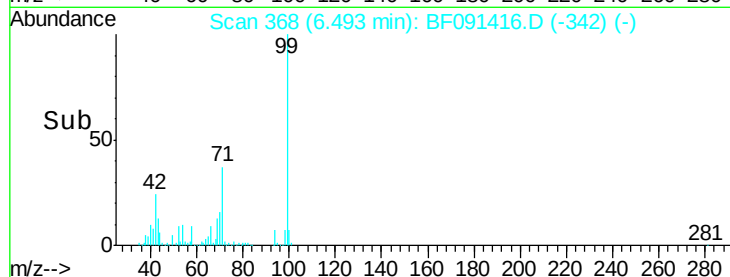
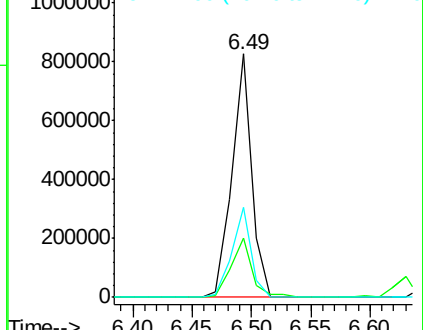
71 36.8 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.29 ng

RT: 6.64 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

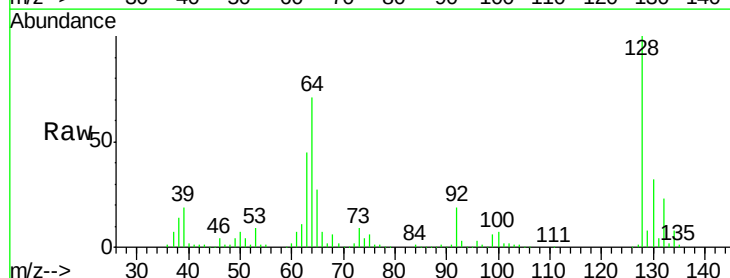
Tgt Ion: 128 Resp: 410530

Ion Ratio Lower Upper

128 100

130 32.2 13.1 53.1

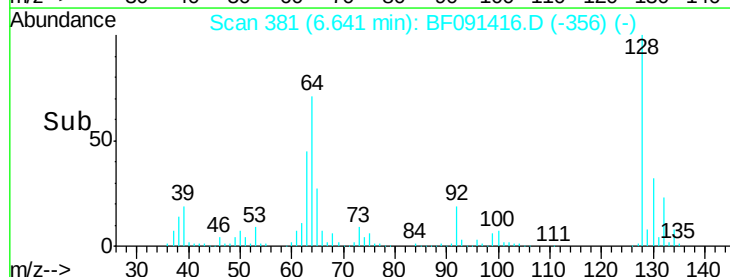
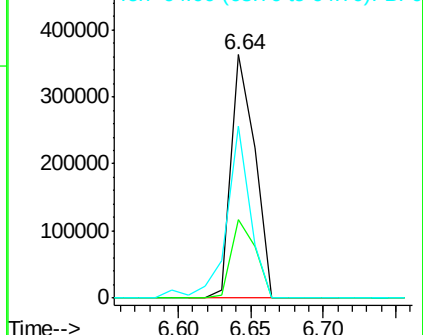
64 70.7 24.1 64.1#

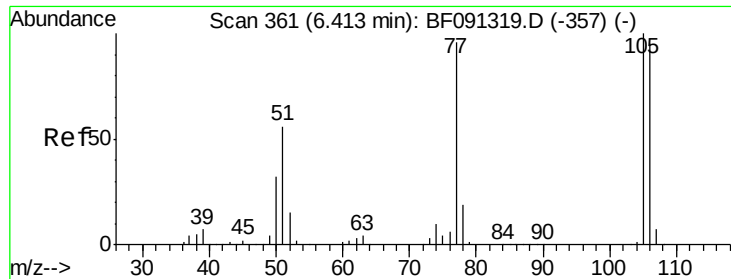


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.78 ng

RT: 6.40 min Scan# 360

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

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ClientSampleId :

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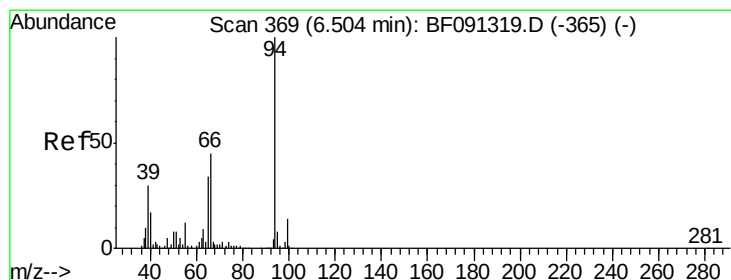
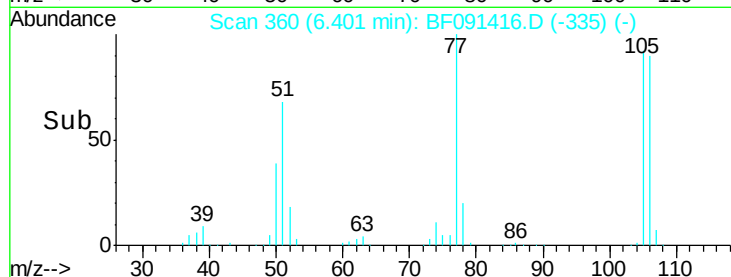
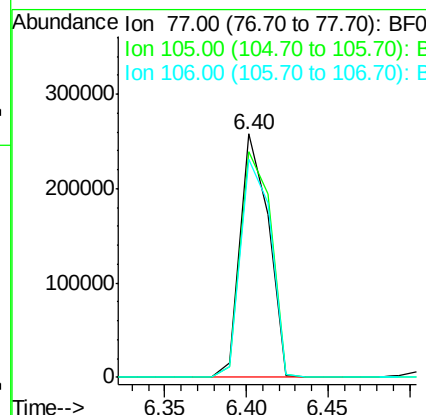
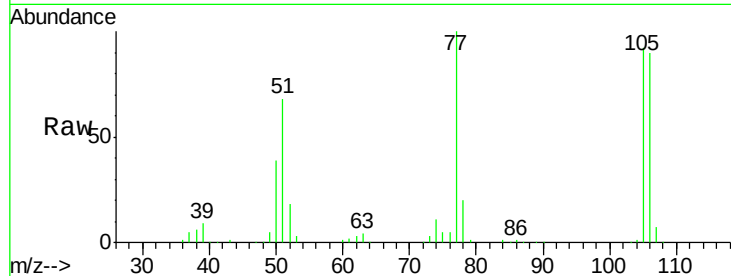
Tgt Ion: 77 Resp: 307942

Ion Ratio Lower Upper

77 100

105 92.5 66.4 106.4

106 89.7 60.9 100.9



#10

Phenol

Concen: 34.50 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

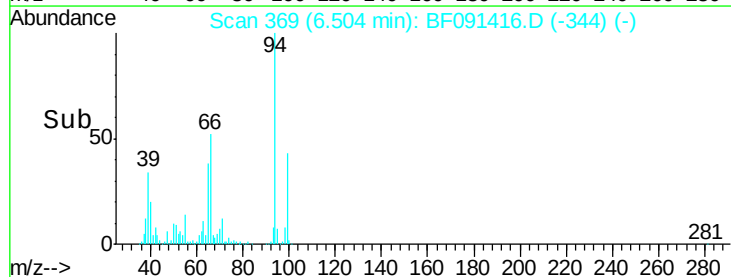
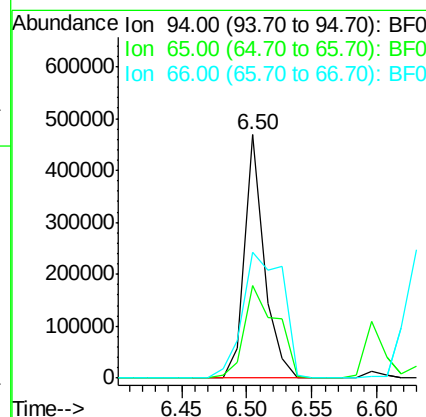
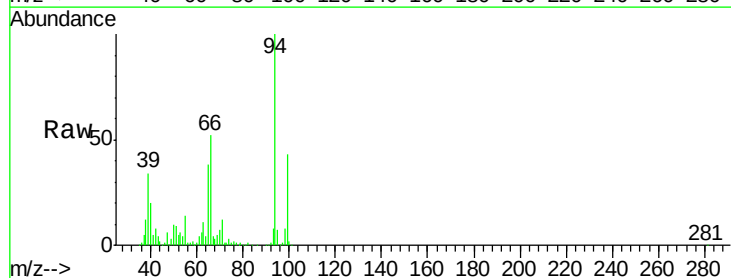
Tgt Ion: 94 Resp: 488684

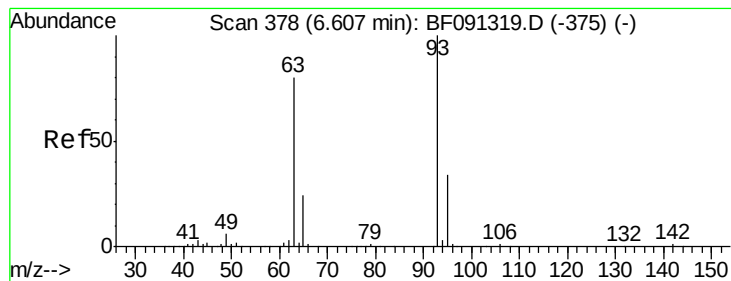
Ion Ratio Lower Upper

94 100

65 38.2 16.9 56.9

66 51.6 30.6 70.6

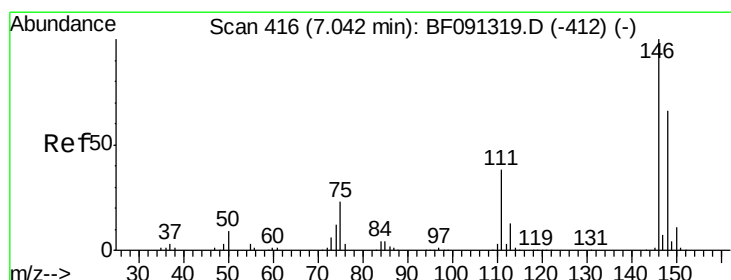
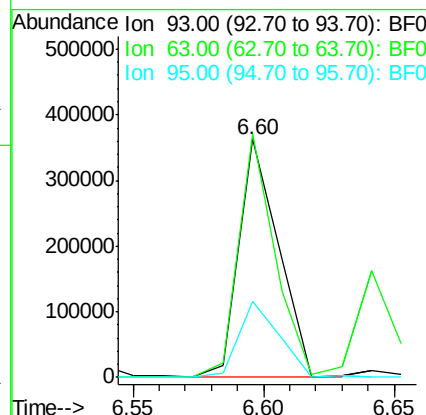
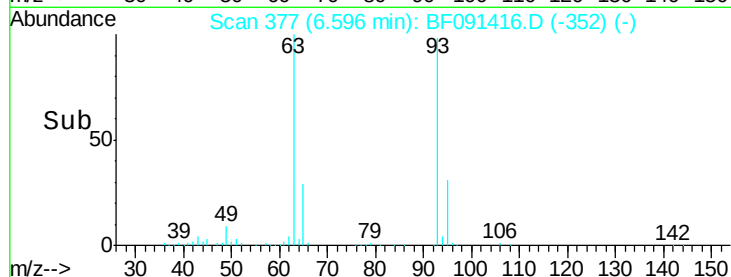
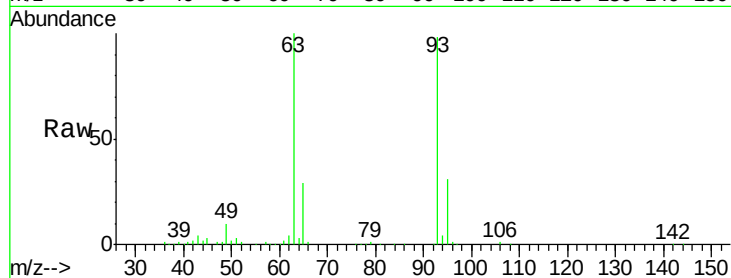




#11
bis(2-Chloroethyl)ether
Concen: 37.68 ng
RT: 6.60 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

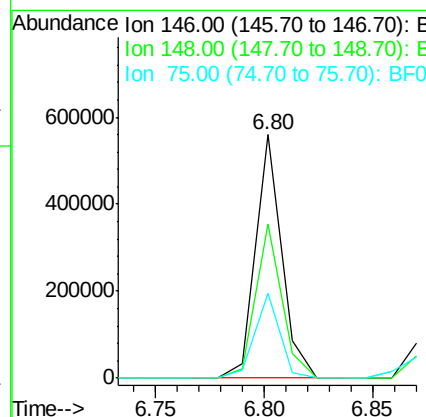
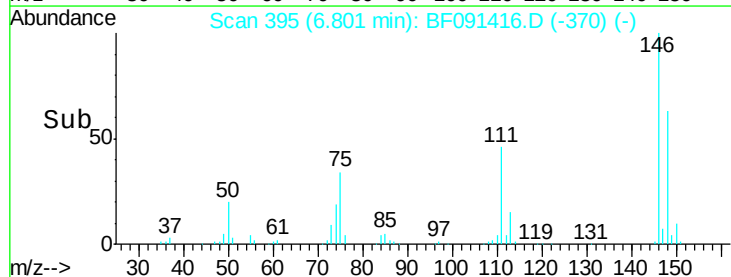
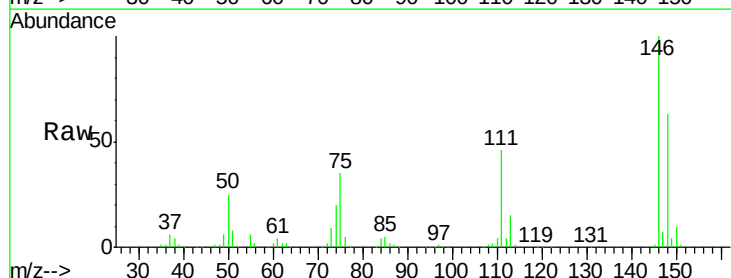
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

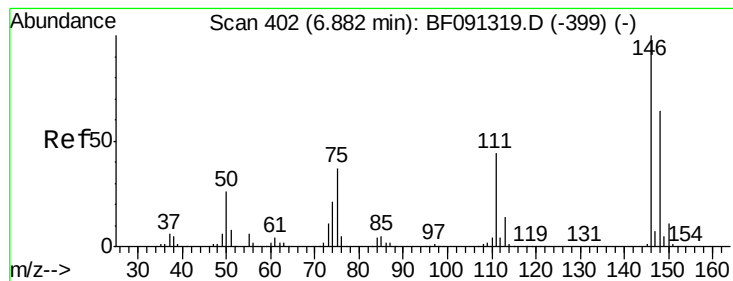
Tgt Ion: 93 Resp: 381343
Ion Ratio Lower Upper
93 100
63 102.3 74.8 114.8
95 31.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 39.14 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion: 146 Resp: 466816
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.0
75 35.1 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 43.02 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

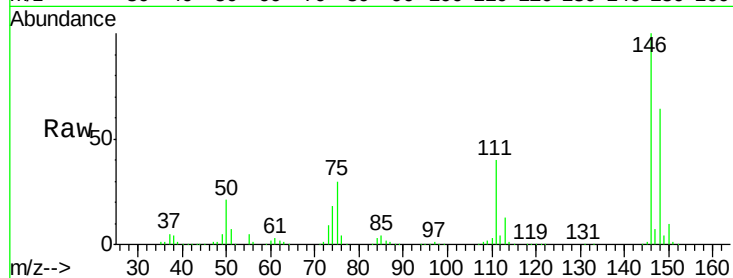
Tgt Ion:146 Resp: 510363

Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.0

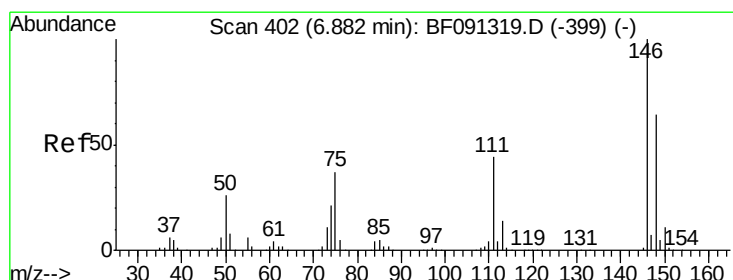
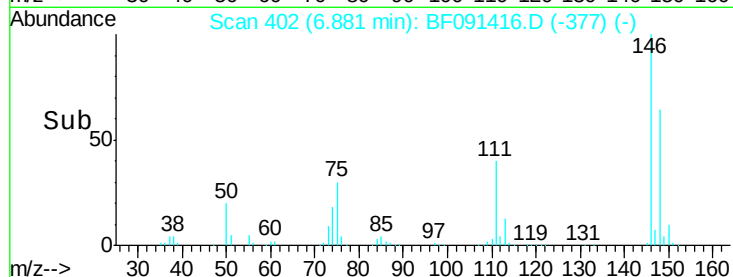
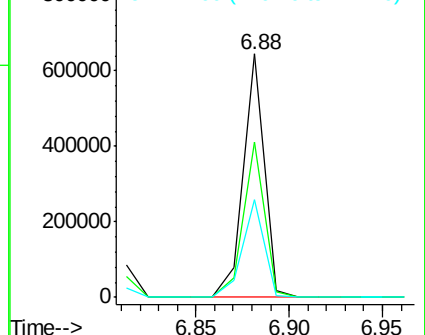
111 40.3 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.49 ng

RT: 7.03 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

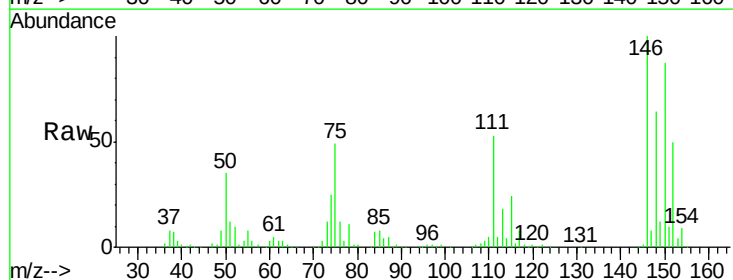
Tgt Ion:146 Resp: 414320

Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.6

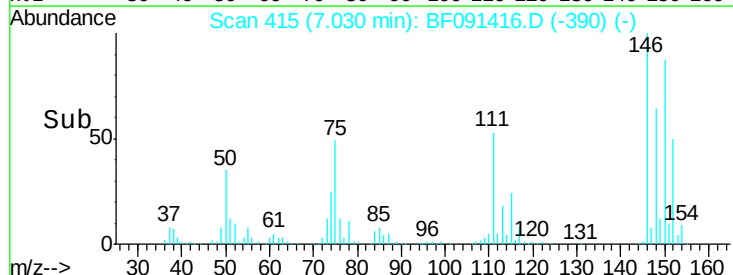
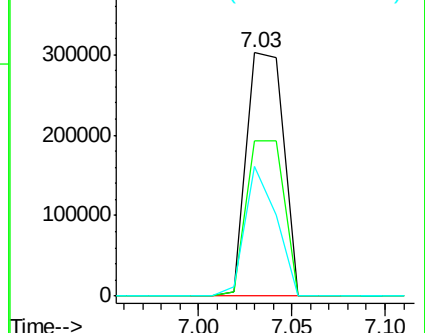
111 53.5 38.9 58.3

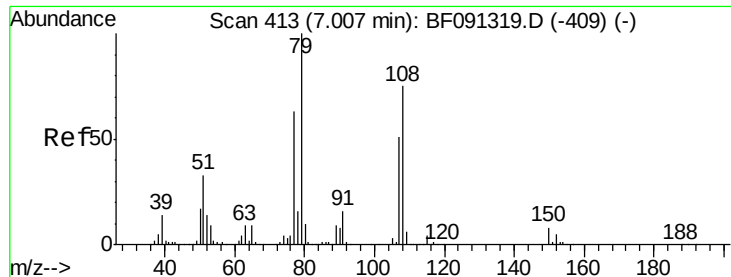


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.21 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

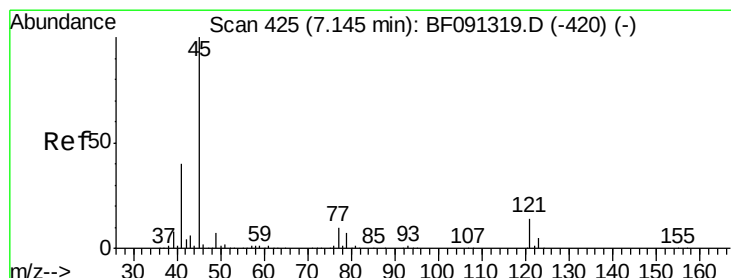
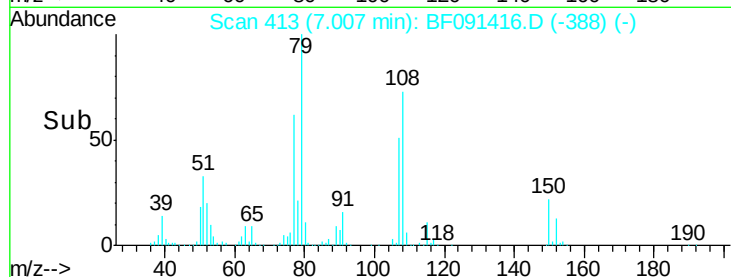
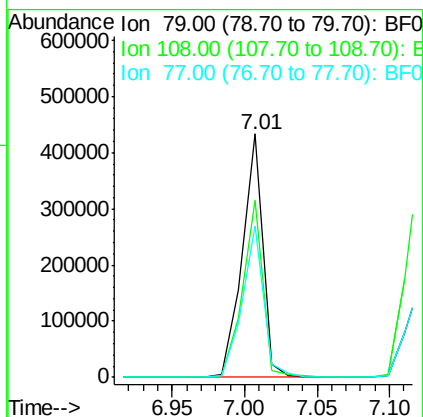
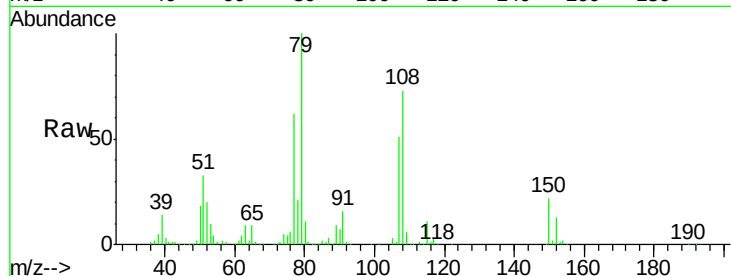
Tgt Ion: 79 Resp: 425915

Ion Ratio Lower Upper

79 100

108 72.8 62.7 94.1

77 62.2 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.65 ng

RT: 7.14 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

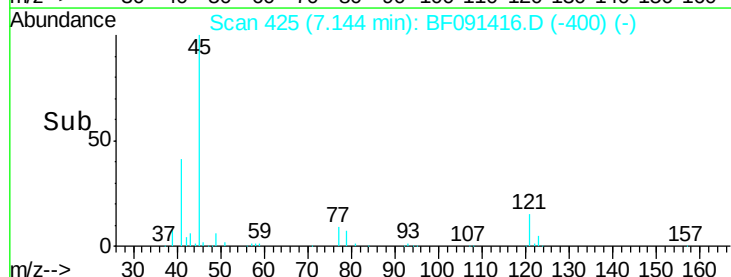
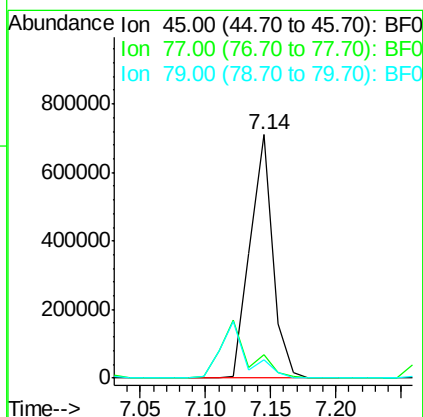
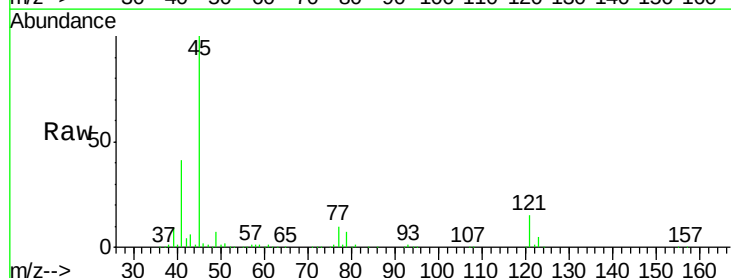
Tgt Ion: 45 Resp: 862802

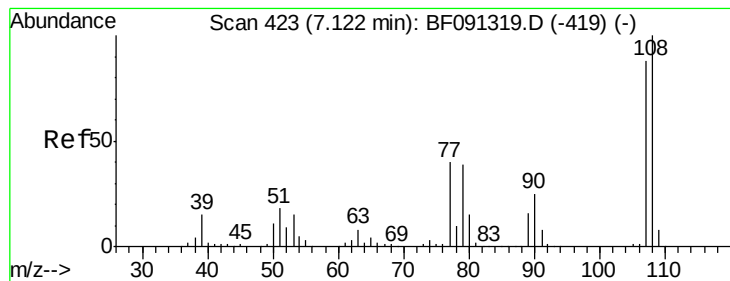
Ion Ratio Lower Upper

45 100

77 9.7 3.8 43.8

79 7.4 0.2 40.2

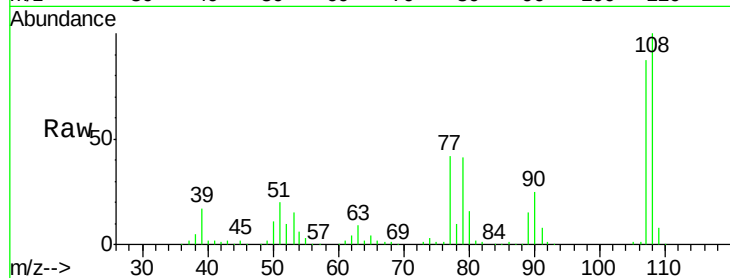




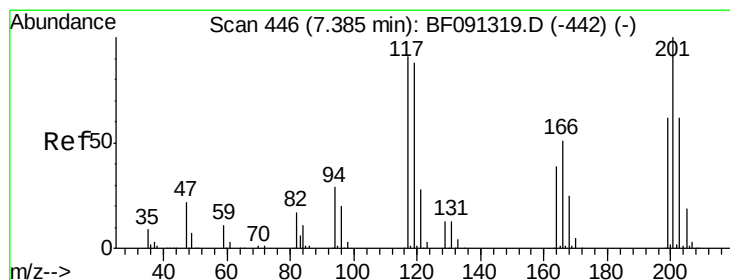
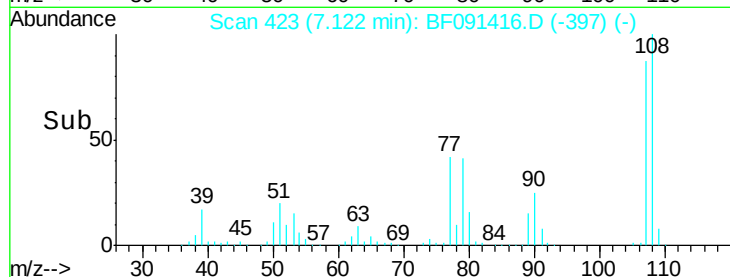
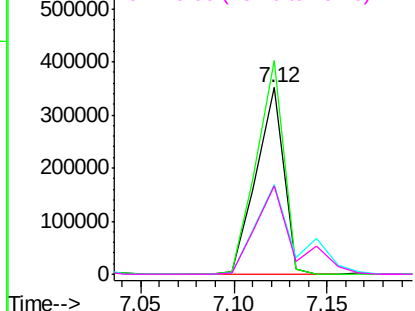
#17
2-Methylphenol
Concen: 42.33 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 358725
Ion Ratio Lower Upper
107 100
108 114.6 67.7 101.5#
77 47.8 40.7 61.1
79 47.3 23.4 35.2#

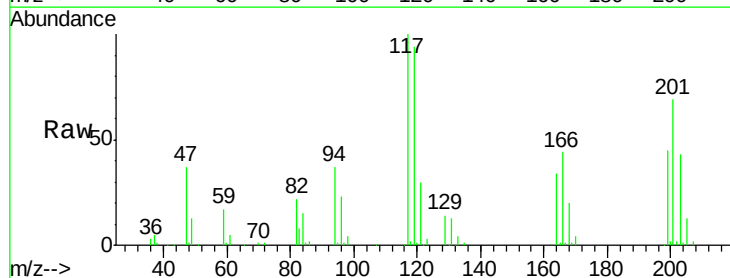


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

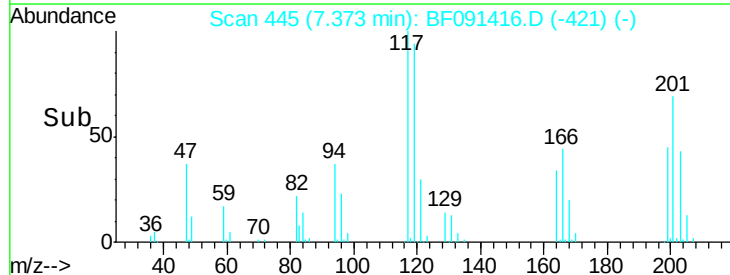
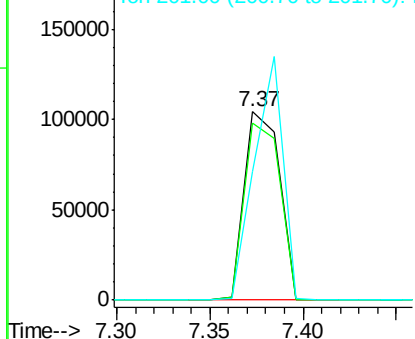


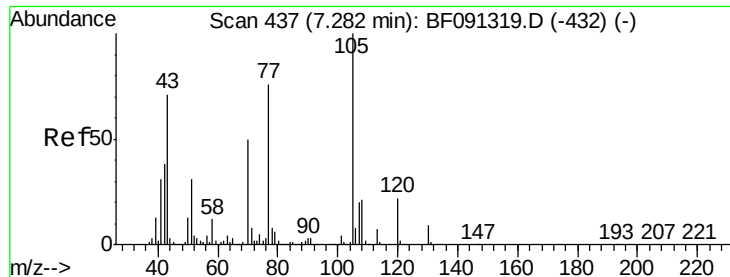
#18
Hexachloroethane
Concen: 32.37 ng
RT: 7.37 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion:117 Resp: 136357
Ion Ratio Lower Upper
117 100
119 94.4 78.6 118.0
201 68.6 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

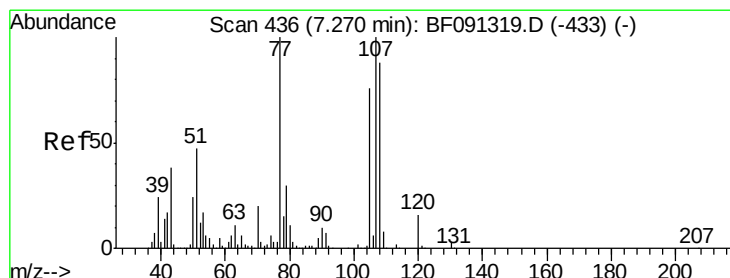
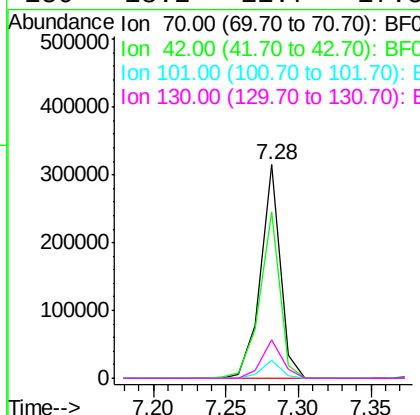
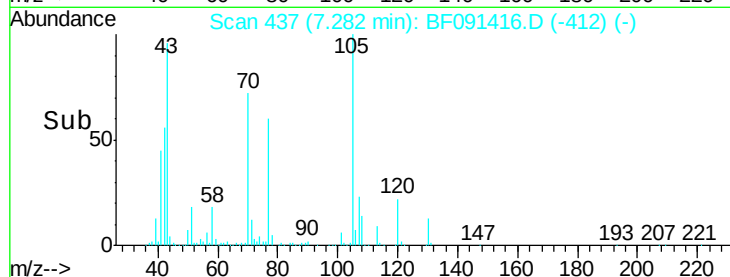
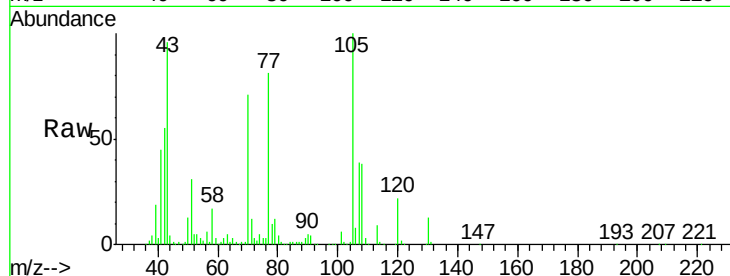




#19
n-Nitroso-di-n-propylamine
Concen: 39.21 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

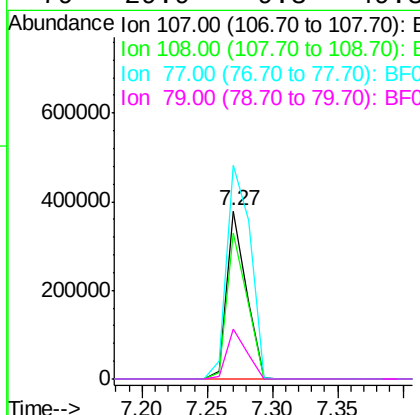
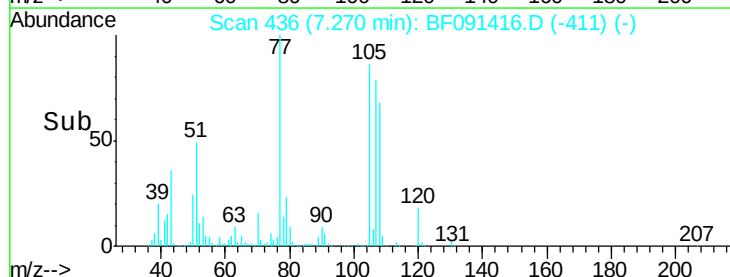
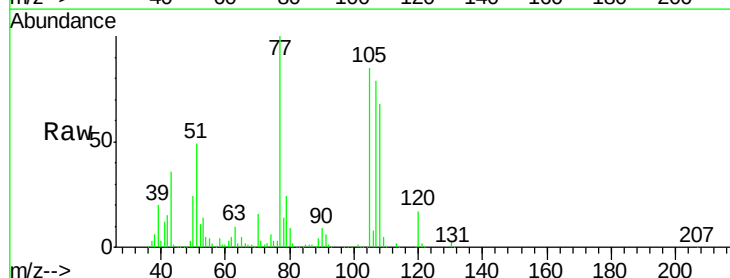
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

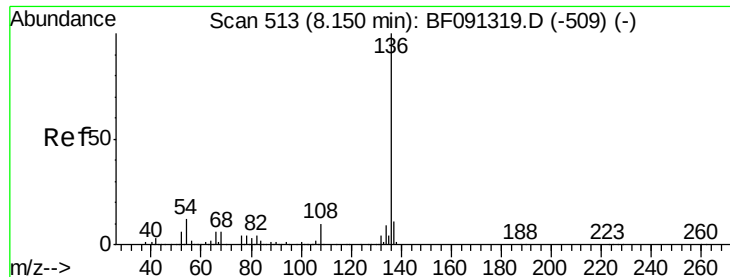
Tgt Ion: 70 Resp: 297344
Ion Ratio Lower Upper
70 100
42 77.9 64.8 97.2
101 8.5 6.2 9.4
130 18.2 11.7 17.5#



#20
3+4-Methylphenols
Concen: 38.03 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion: 107 Resp: 393431
Ion Ratio Lower Upper
107 100
108 86.7 64.6 104.6
77 127.2 30.9 70.9#
79 29.9 9.3 49.3

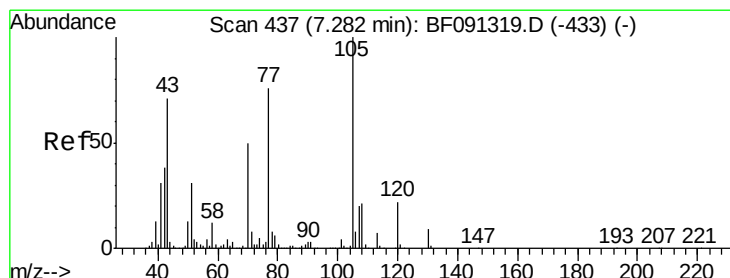
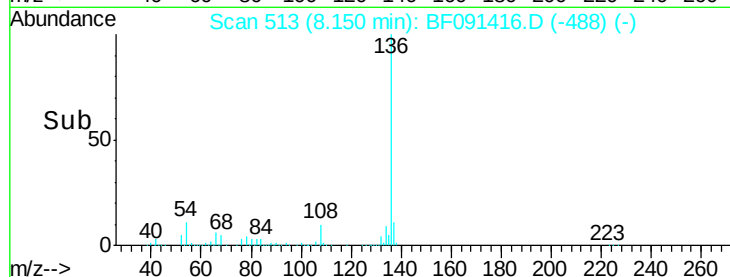
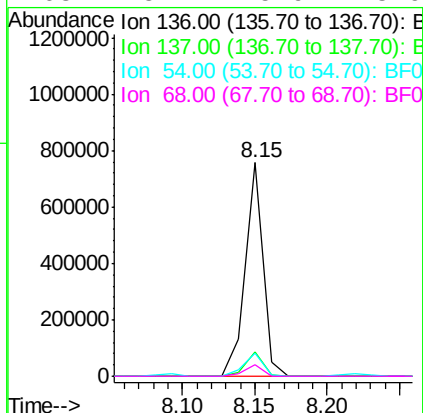
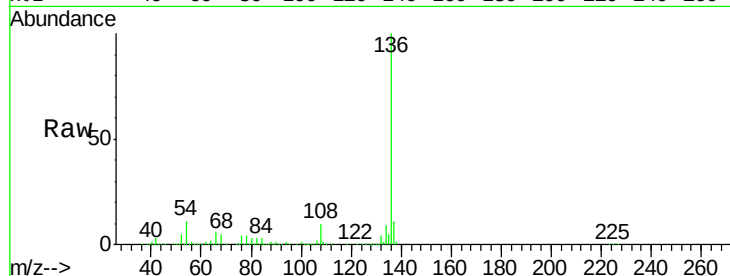




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

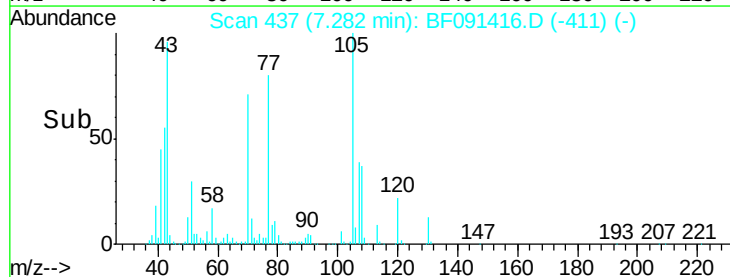
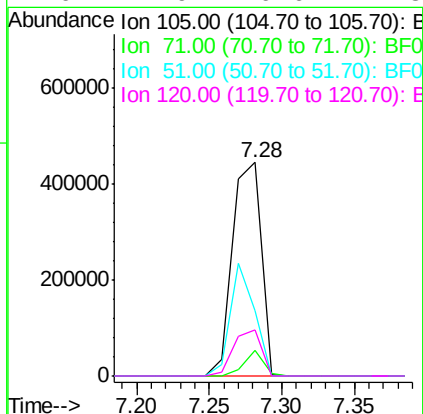
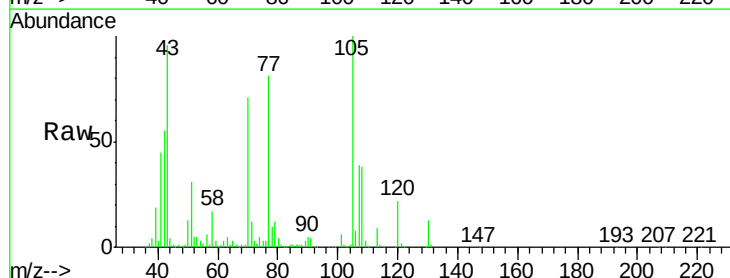
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

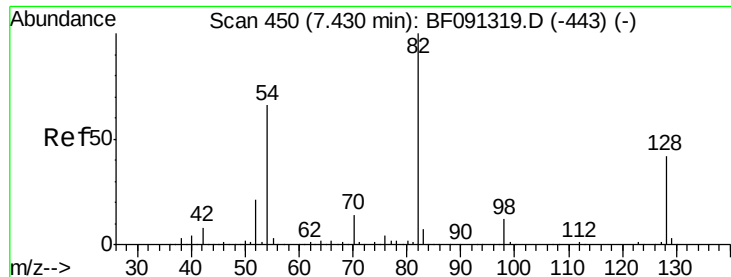
Tgt Ion:	136	Resp:	644942
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	10.9	9.1	13.7
68	5.4	5.9	8.9#



#22
Acetophenone
Concen: 40.12 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion:	105	Resp:	613218
Ion Ratio	Lower	Upper	
105	100		
71	11.8	7.9	11.9
51	30.6	24.5	36.7
120	21.9	16.6	24.8

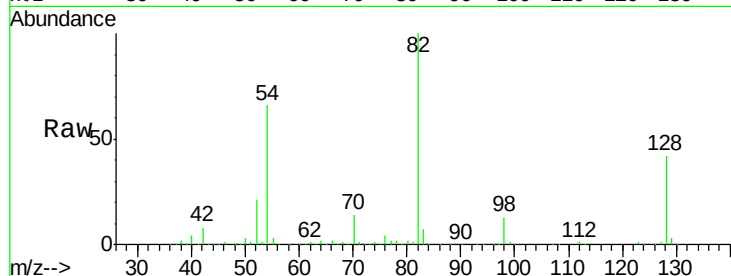




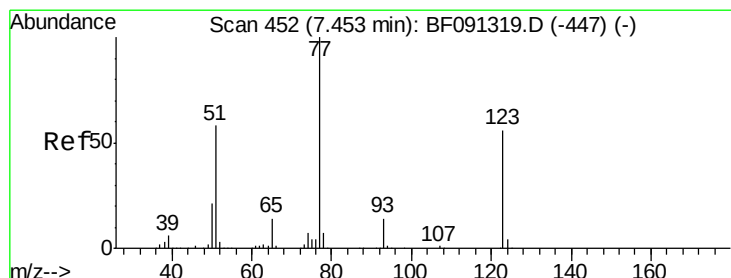
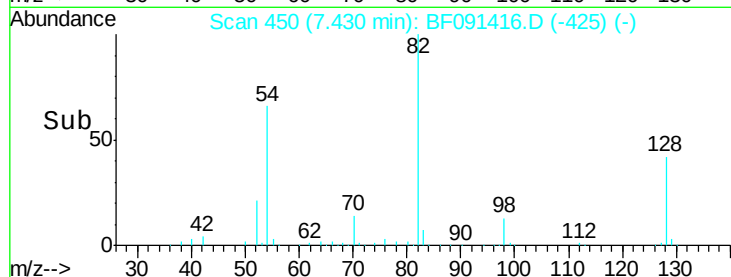
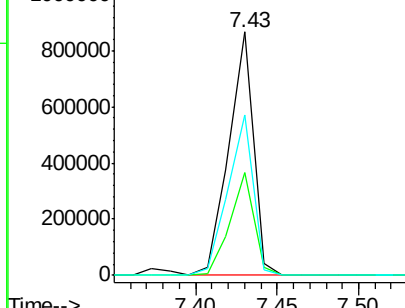
#23
Nitrobenzene-d5
Concen: 78.22 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 900141
Ion Ratio Lower Upper
82 100
128 42.1 31.8 47.6
54 66.0 49.1 73.7

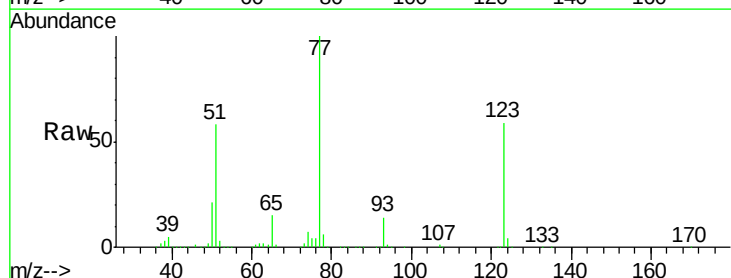


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

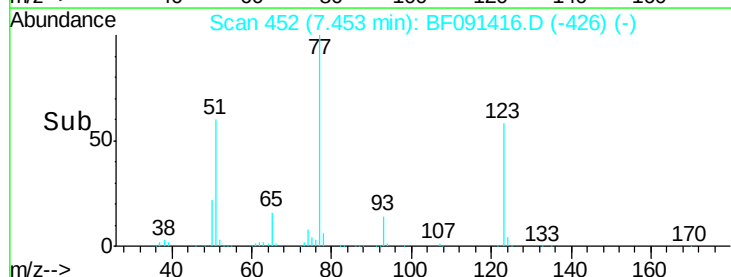
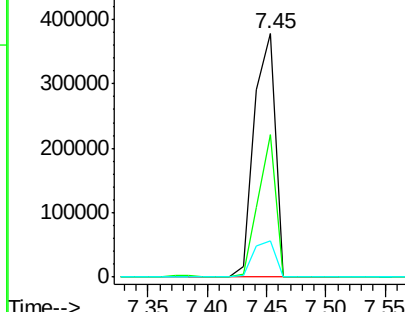


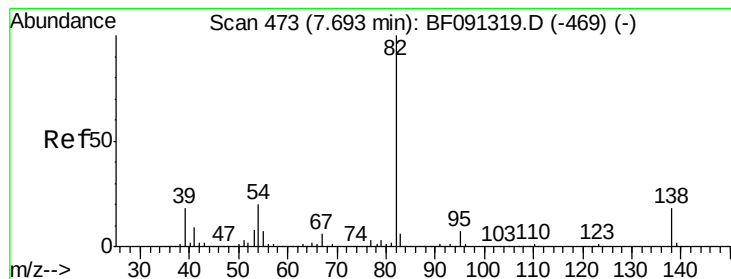
#24
Nitrobenzene
Concen: 39.97 ng
RT: 7.45 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion: 77 Resp: 470996
Ion Ratio Lower Upper
77 100
123 58.8 28.5 42.7#
65 14.8 12.5 18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.41 ng

RT: 7.69 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

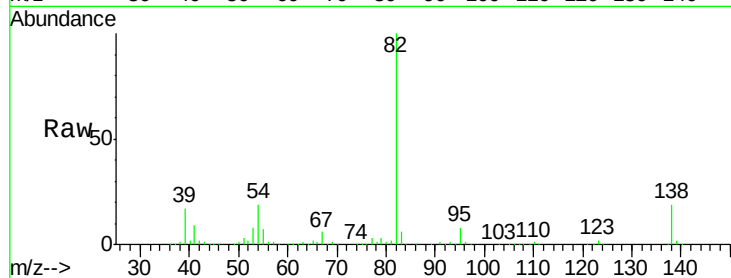
Tgt Ion: 82 Resp: 803454

Ion Ratio Lower Upper

82 100

95 7.7 5.7 8.5

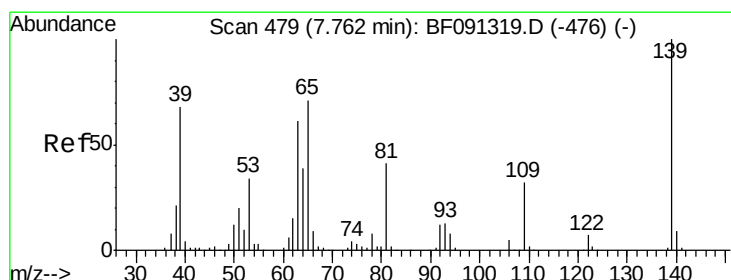
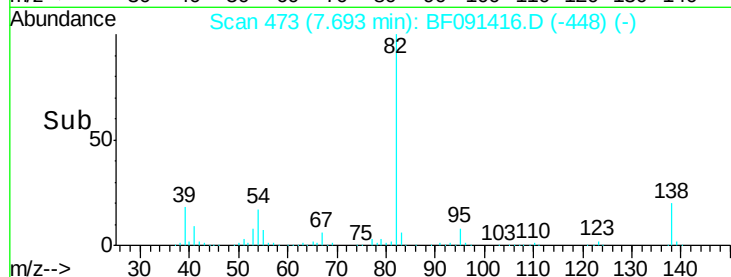
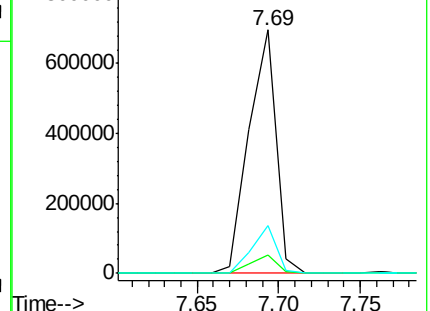
138 19.4 13.4 20.0



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: 29.61 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

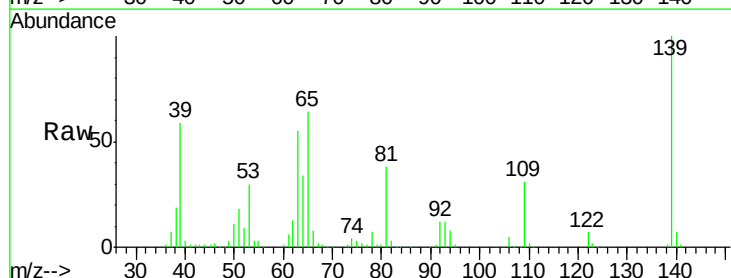
Tgt Ion: 139 Resp: 158984

Ion Ratio Lower Upper

139 100

109 30.6 25.3 37.9

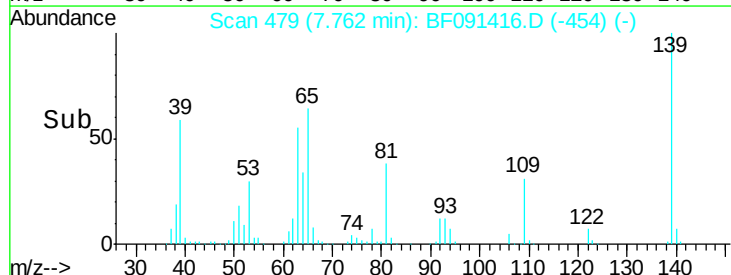
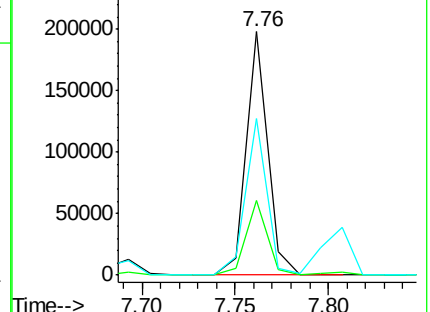
65 64.4 55.4 83.2

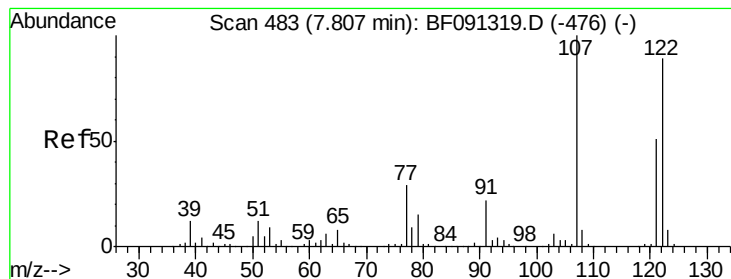


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.29 ng

RT: 7.81 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

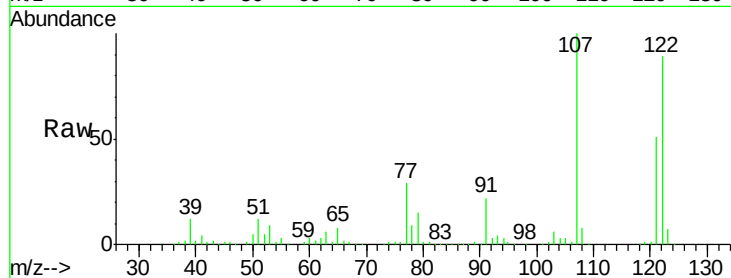
Tgt Ion:122 Resp: 404752

Ion Ratio Lower Upper

122 100

107 112.1 96.8 145.2

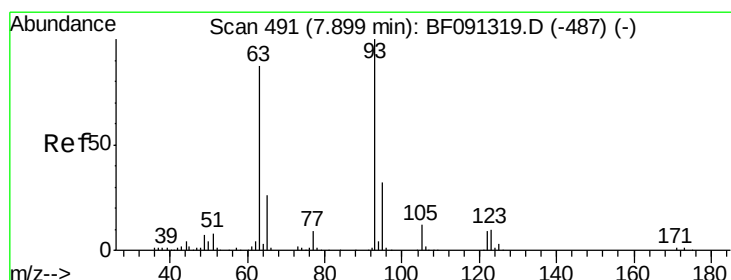
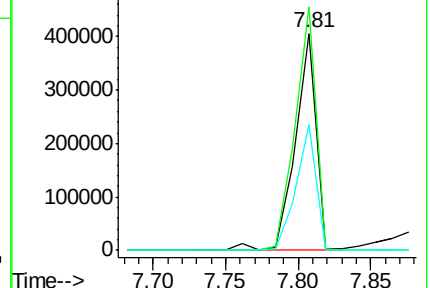
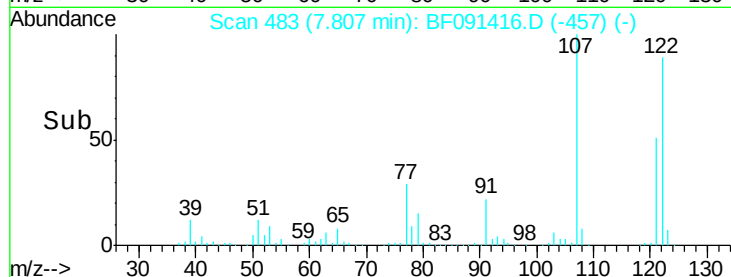
121 57.7 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.31 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

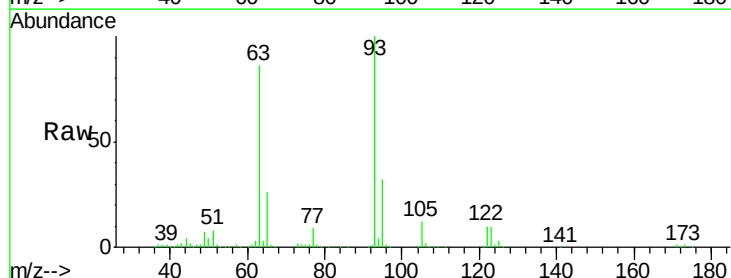
Tgt Ion: 93 Resp: 457905

Ion Ratio Lower Upper

93 100

95 32.2 26.0 39.0

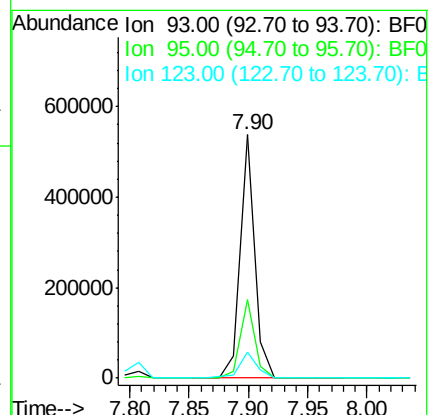
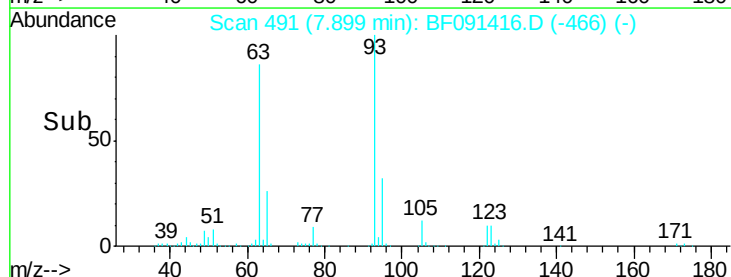
123 10.4 8.6 12.8

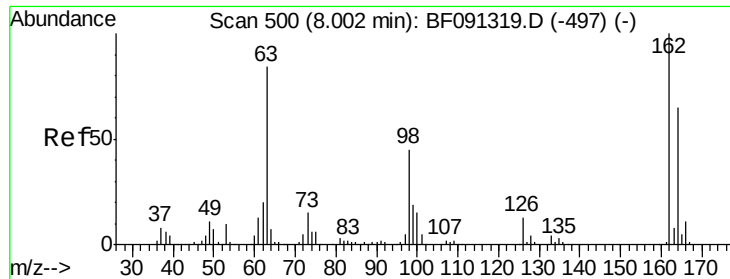


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

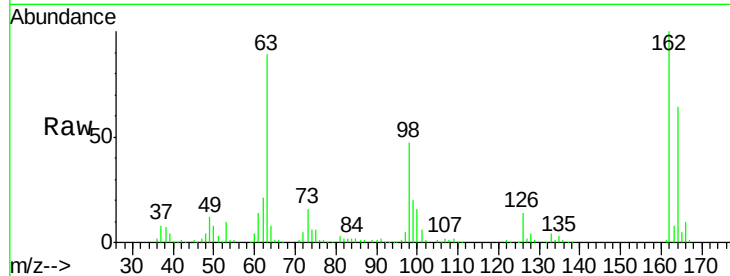




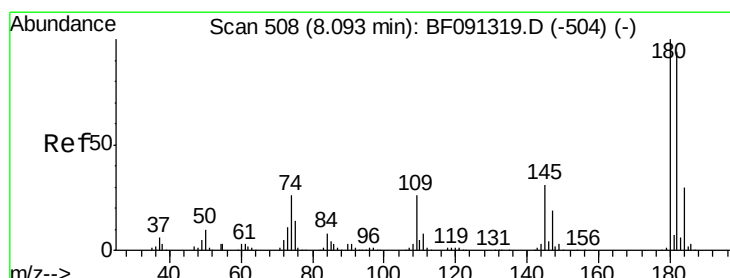
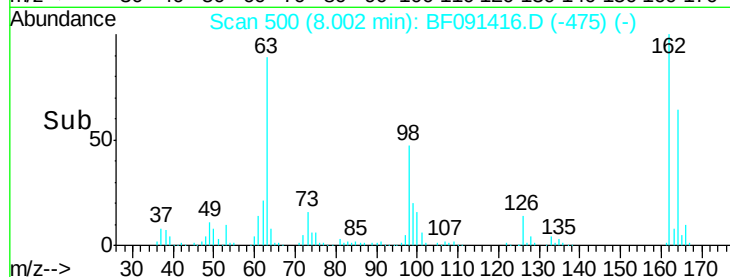
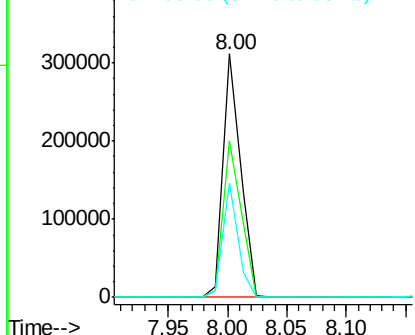
#29
 2,4-Dichlorophenol
 Concen: 35.96 ng
 RT: 8.00 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:162 Resp: 317761
 Ion Ratio Lower Upper
 162 100
 164 64.3 45.0 85.0
 98 46.9 21.3 61.3

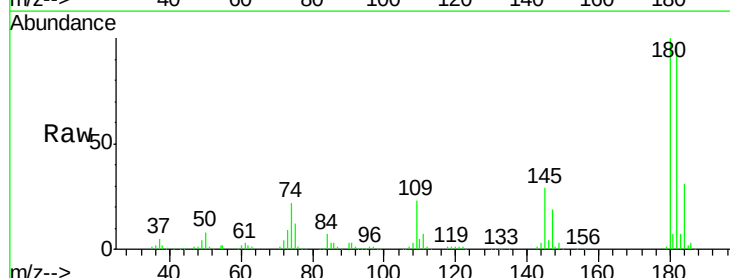


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

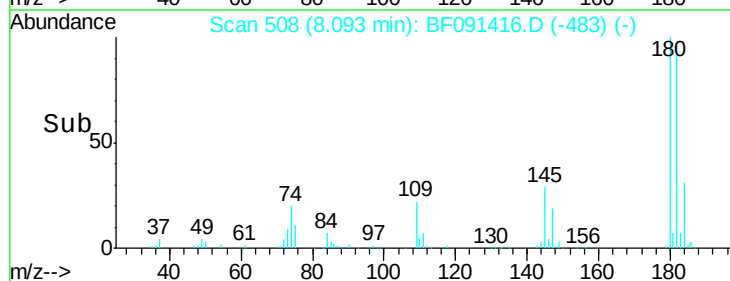
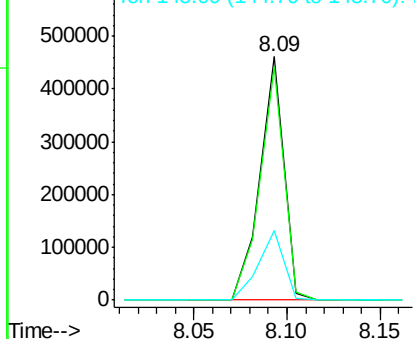


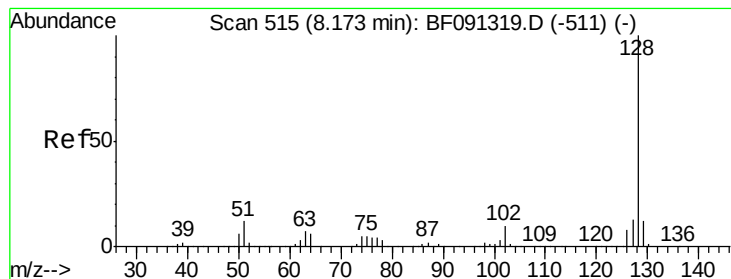
#30
 1,2,4-Trichlorobenzene
 Concen: 41.25 ng
 RT: 8.09 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Tgt Ion:180 Resp: 408693
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.8 113.8
 145 28.8 27.0 40.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.42 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

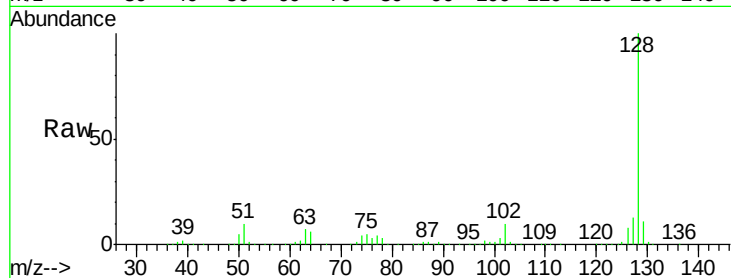
Tgt Ion:128 Resp: 1269462

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

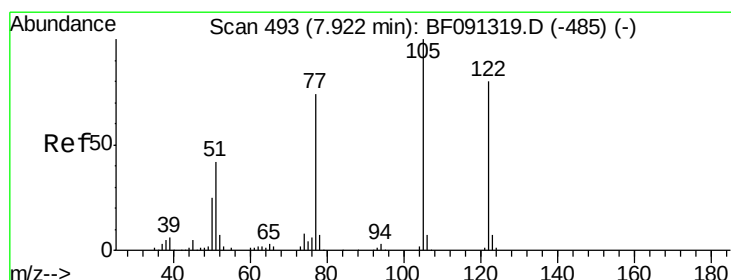
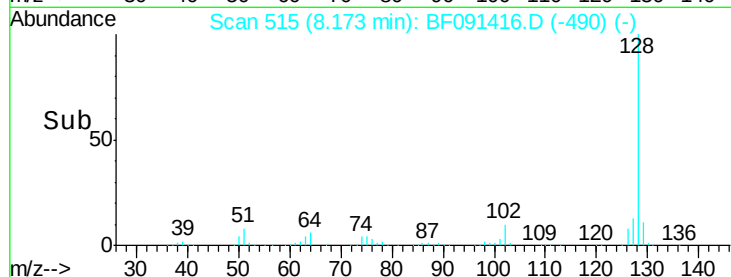
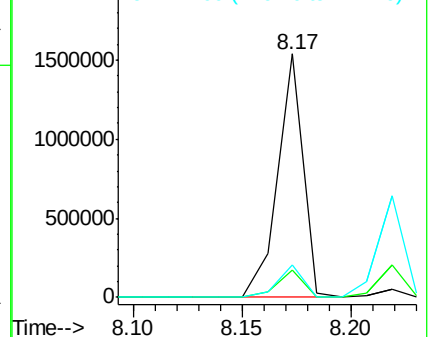
127 13.4 11.0 16.4



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: 24.23 ng

RT: 7.91 min Scan# 492

Delta R.T. -0.03 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

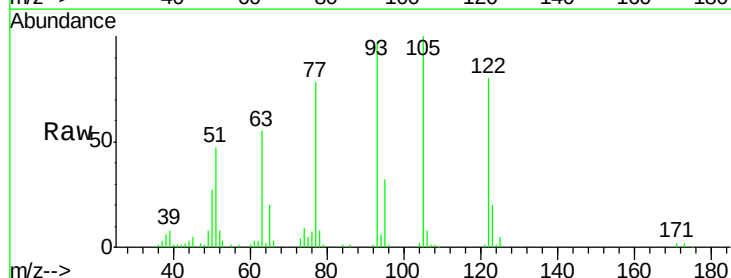
Tgt Ion:122 Resp: 179399

Ion Ratio Lower Upper

122 100

105 125.5 113.0 153.0

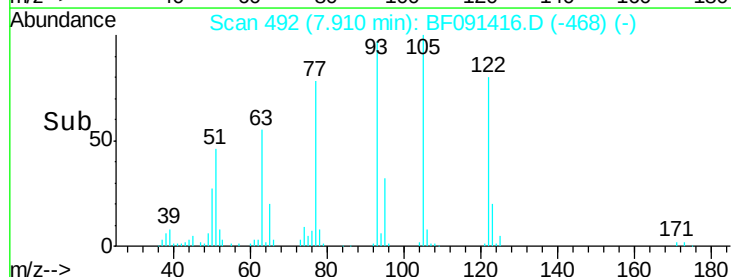
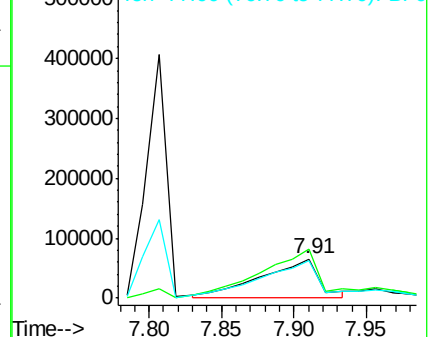
77 97.4 82.0 122.0

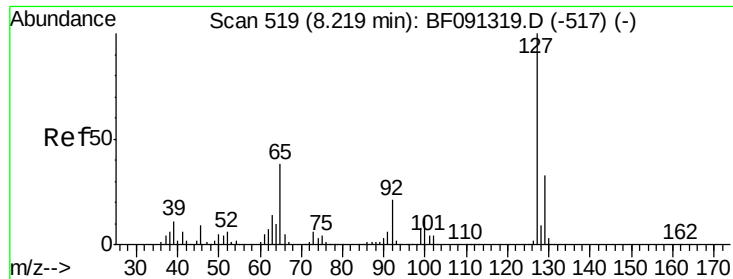


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

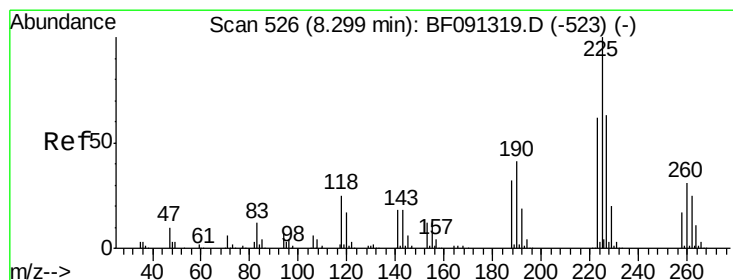
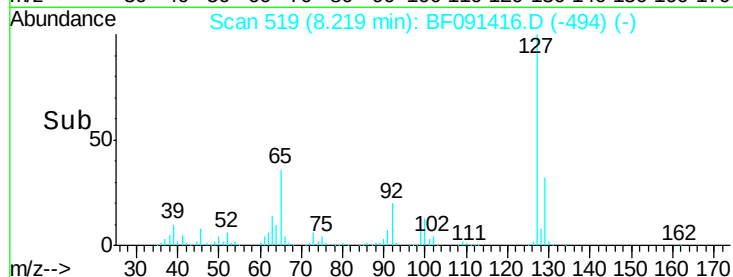
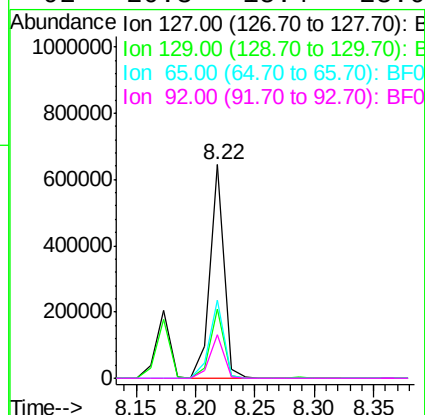
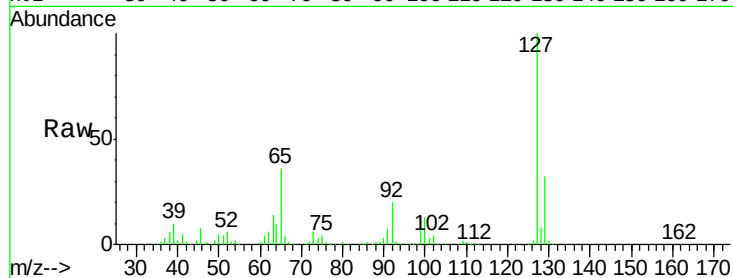




#33
4-Chloroaniline
Concen: 40.54 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

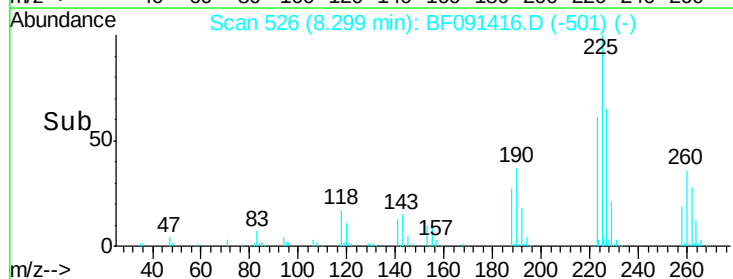
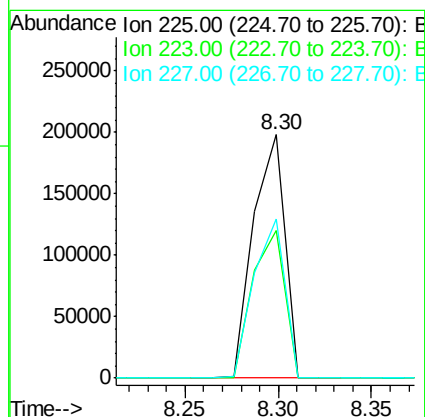
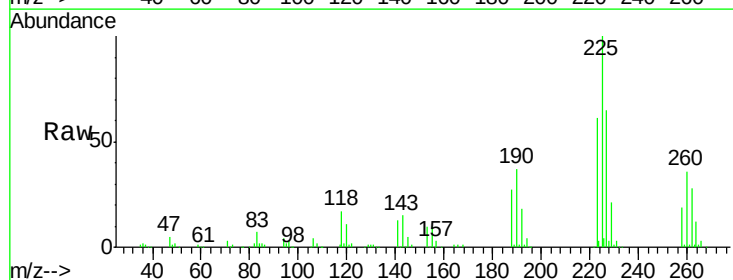
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

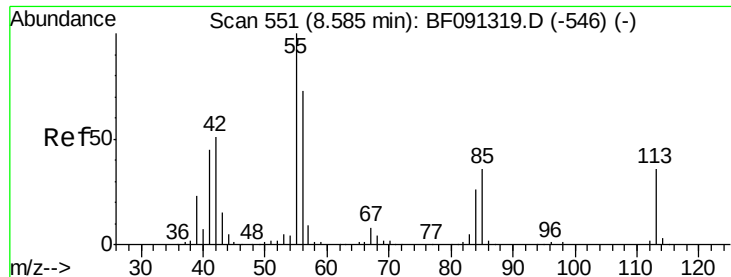
Tgt Ion:	127	Resp:	531205
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	36.3	26.6	39.8
92	20.3	15.4	23.0



#34
Hexachlorobutadiene
Concen: 37.81 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion:	225	Resp:	230331
Ion	Ratio	Lower	Upper
225	100		
223	60.5	49.8	74.6
227	65.3	52.6	79.0

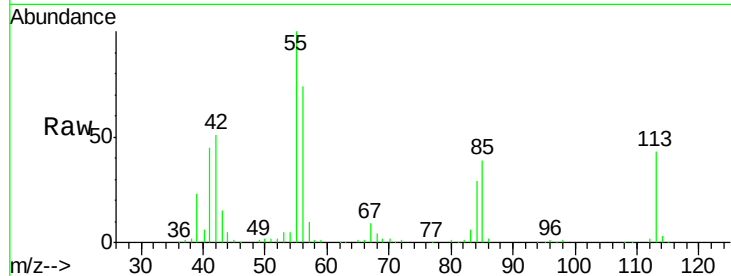




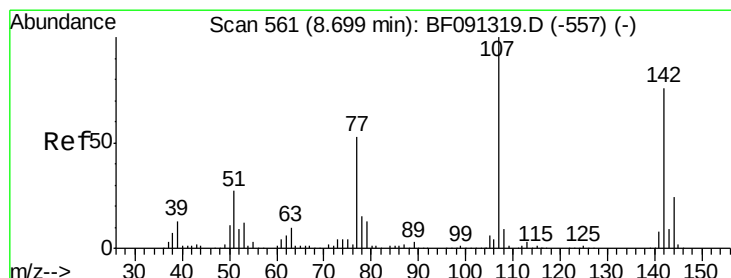
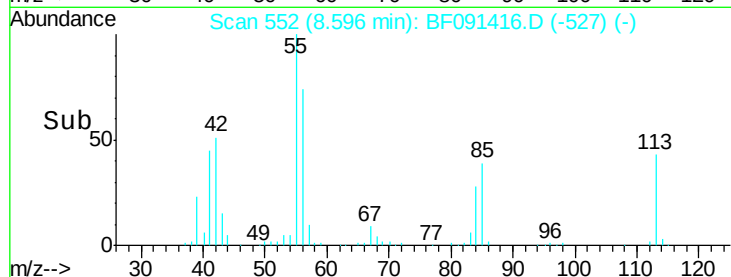
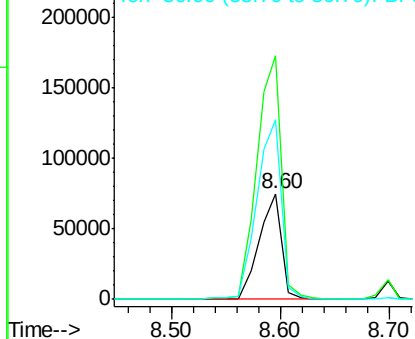
#35
 Caprolactam
 Concen: 42.57 ng
 RT: 8.60 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 108122
 Ion Ratio Lower Upper
 113 100
 55 230.5 239.8 279.8#
 56 169.8 165.6 205.6

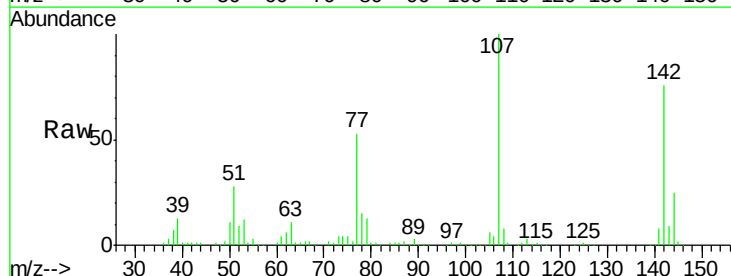


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

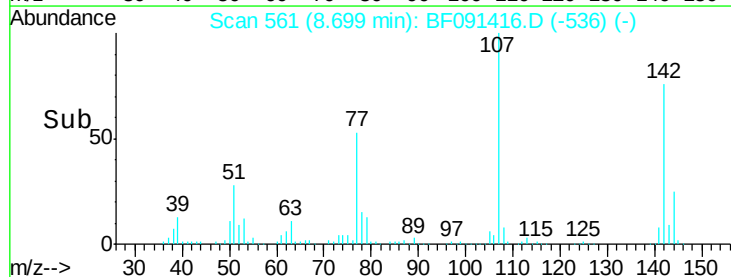
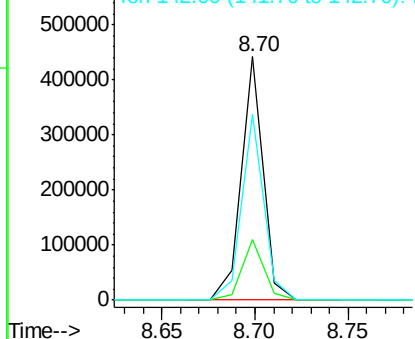


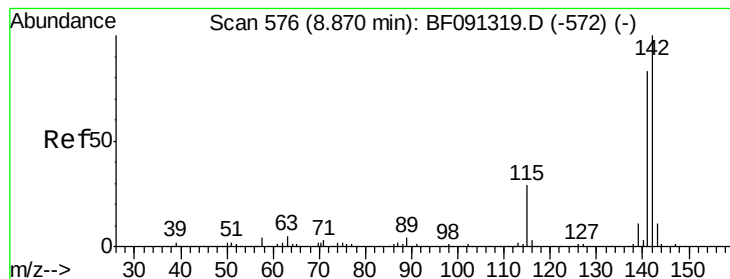
#36
 4-Chloro-3-methylphenol
 Concen: 37.99 ng
 RT: 8.70 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Tgt Ion:107 Resp: 362461
 Ion Ratio Lower Upper
 107 100
 144 24.9 18.9 28.3
 142 76.2 58.5 87.7



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

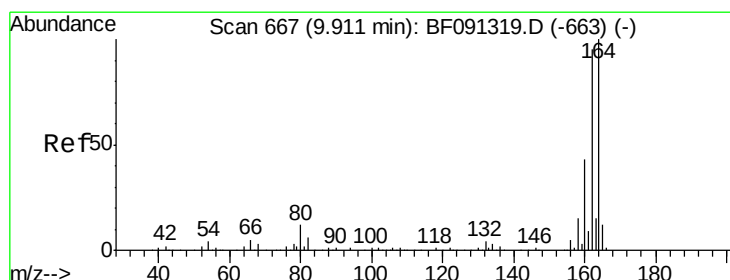
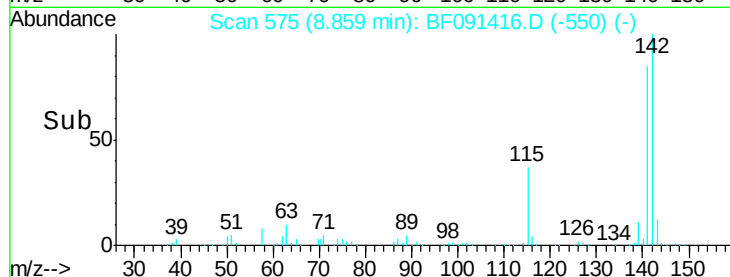
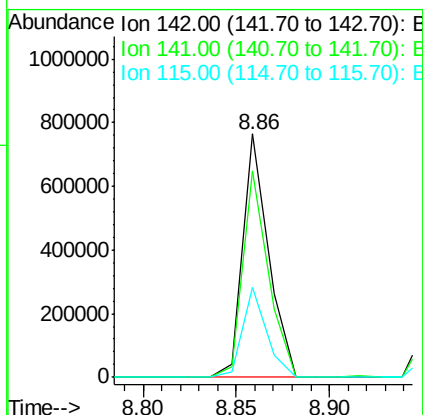
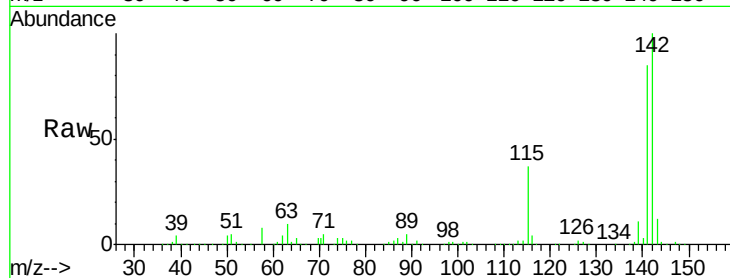




#37
2-Methylnaphthalene
Concen: 35.17 ng
RT: 8.86 min Scan# 575
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

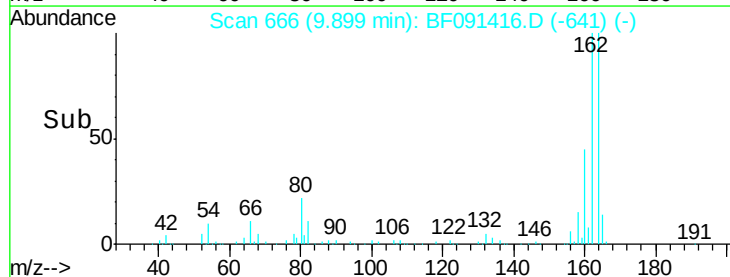
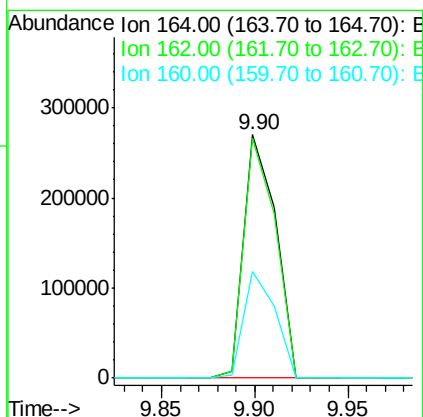
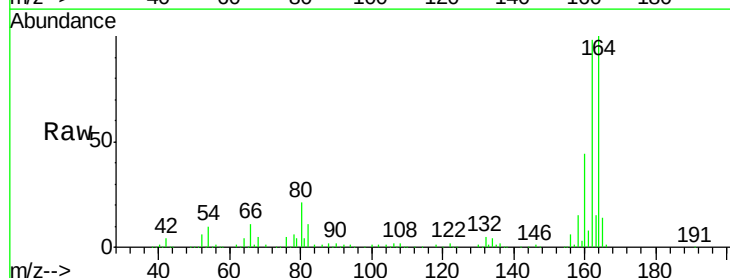
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

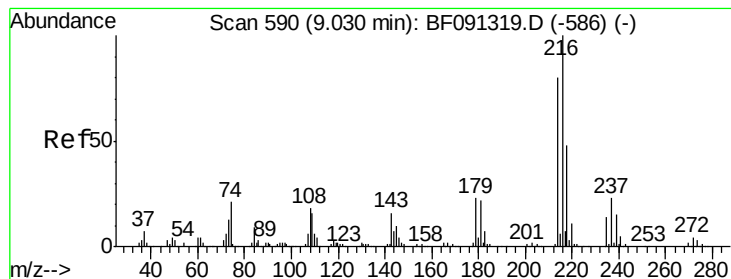
Tgt Ion:142 Resp: 732492
Ion Ratio Lower Upper
142 100
141 84.7 71.7 107.5
115 37.2 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion:164 Resp: 321186
Ion Ratio Lower Upper
164 100
162 98.2 82.6 124.0
160 43.7 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.96 ng

RT: 9.03 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 407095

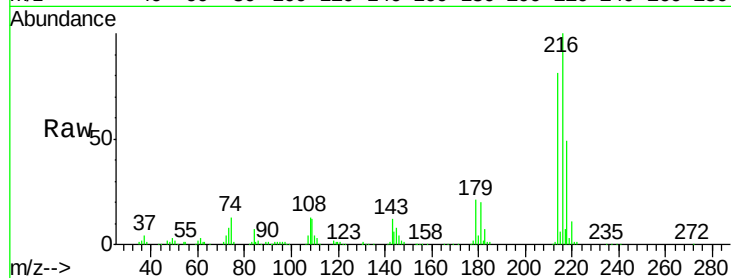
Ion Ratio Lower Upper

216 100

214 81.1 63.8 95.8

179 22.0 18.2 27.2

108 16.1 17.2 25.8#

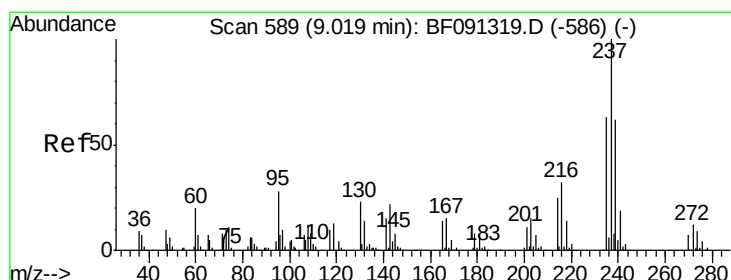
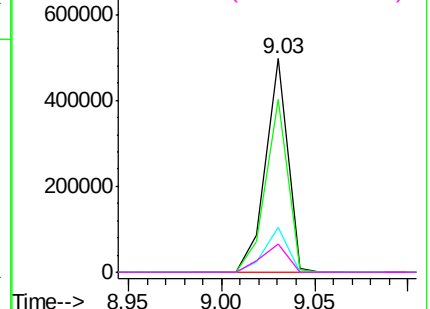
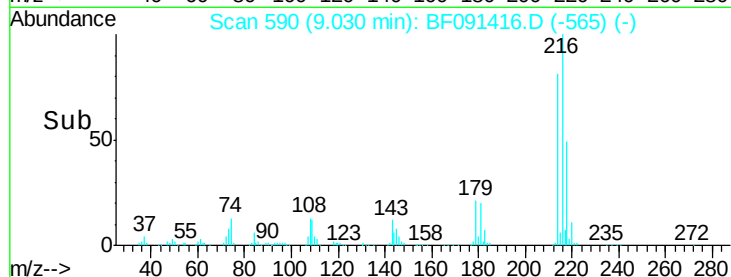


Abundance Ion 216.00 (215.70 to 216.70): E

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: 8.09 ng

RT: 9.02 min Scan# 589

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

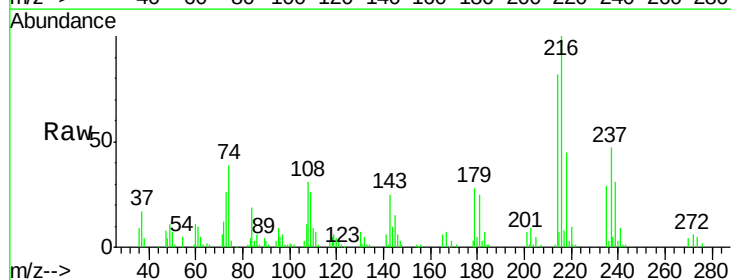
Tgt Ion:237 Resp: 33954

Ion Ratio Lower Upper

237 100

235 62.0 43.9 83.9

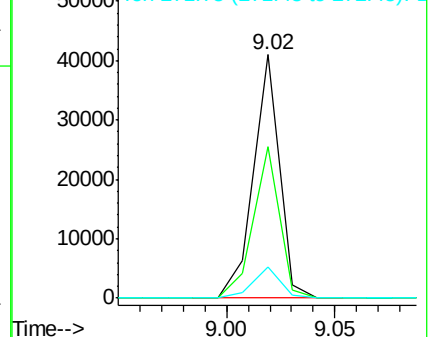
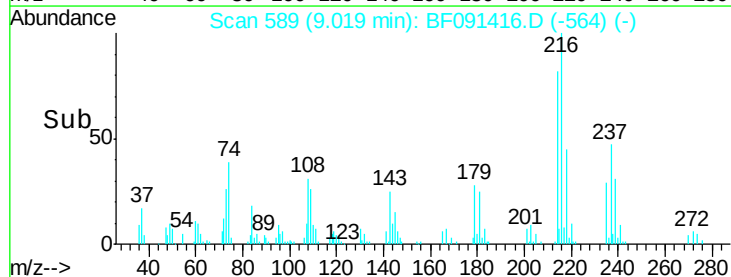
272 12.8 0.0 33.1

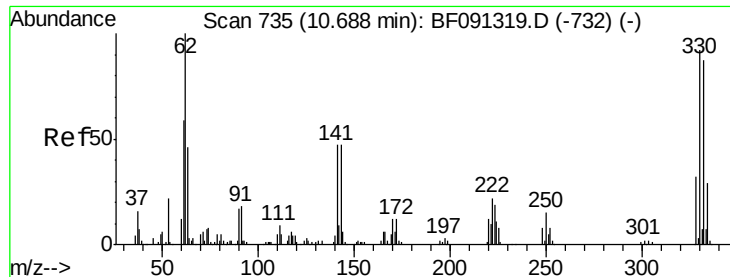


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

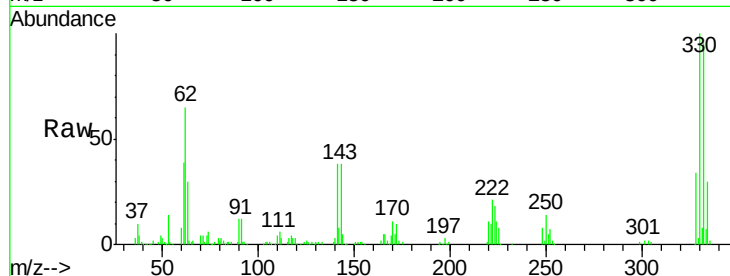




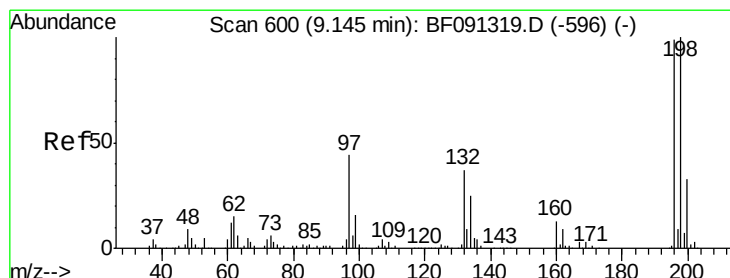
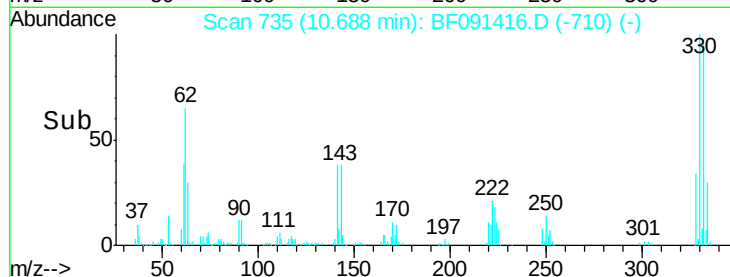
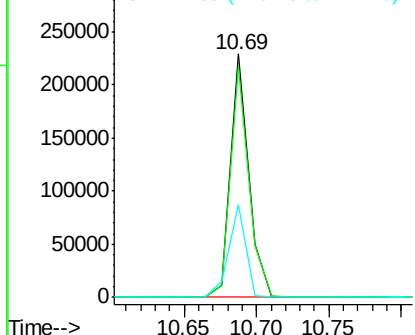
#41
 2,4,6-Tribromophenol
 Concen: 65.89 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 200355
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.2 114.4
 141 35.9 33.6 50.4

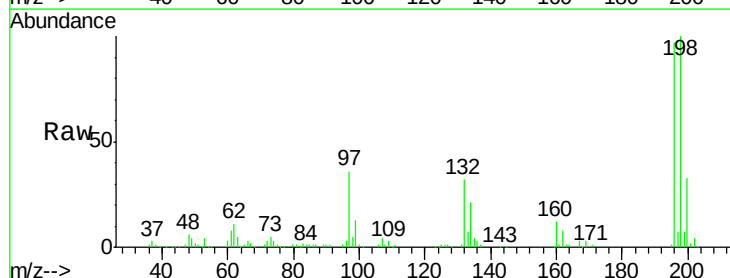


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

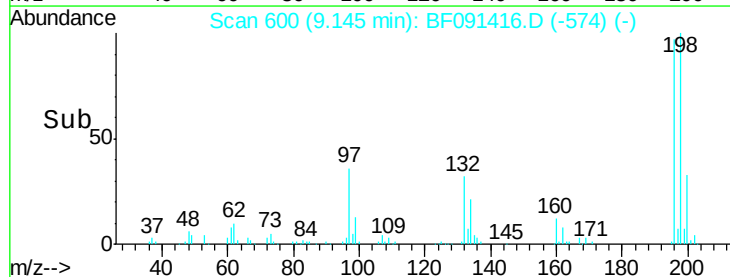
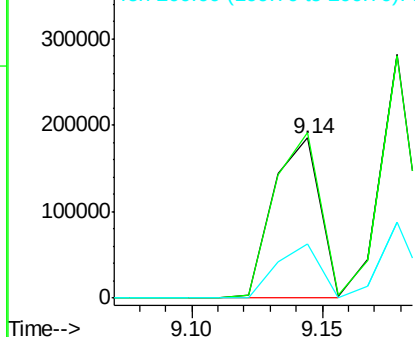


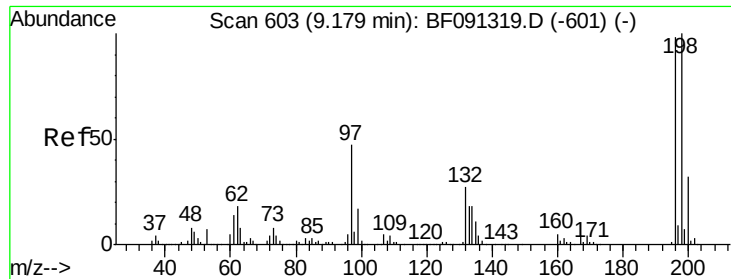
#42
 2,4,6-Trichlorophenol
 Concen: 39.10 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Tgt Ion:196 Resp: 230079
 Ion Ratio Lower Upper
 196 100
 198 103.5 77.4 116.0
 200 34.1 25.2 37.8



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

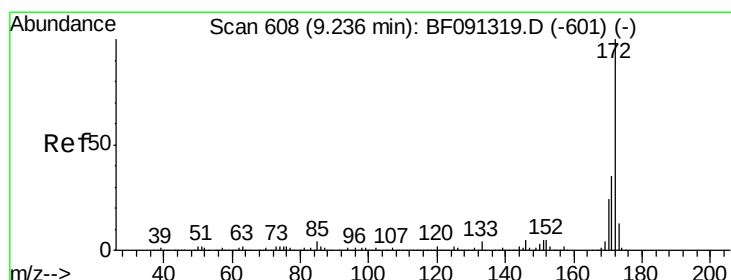
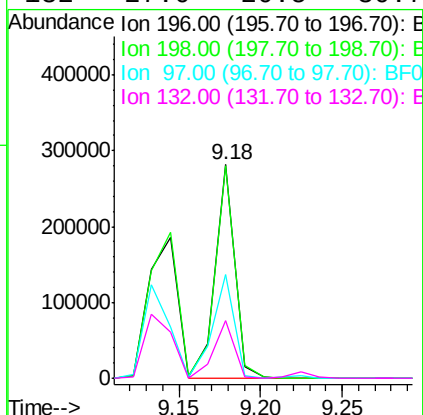
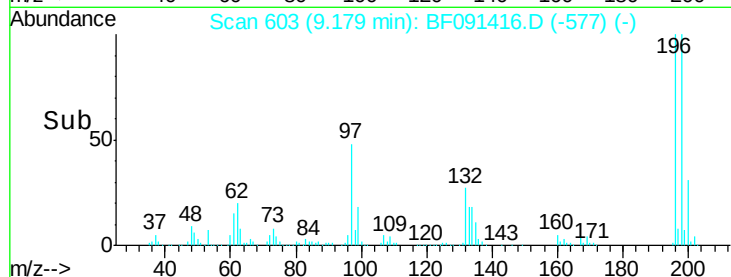
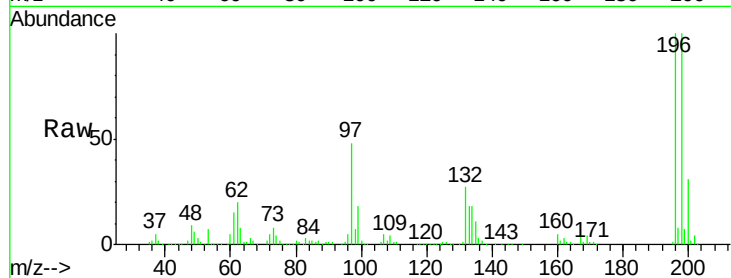




#43
 2,4,5-Trichlorophenol
 Concen: 40.05 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

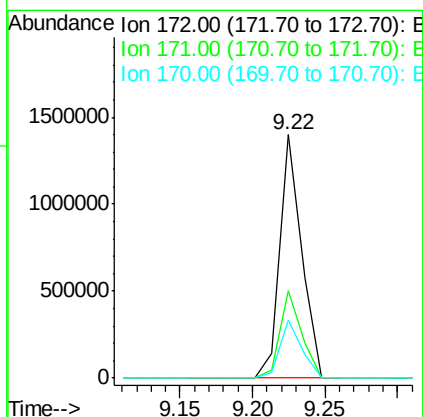
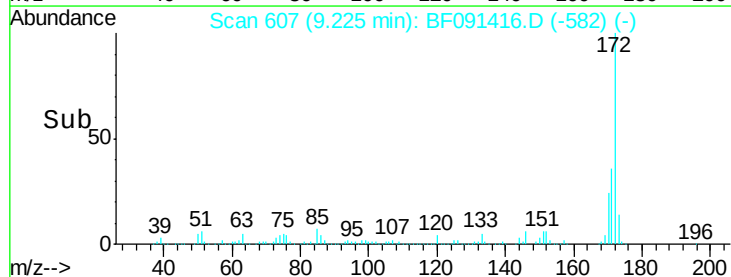
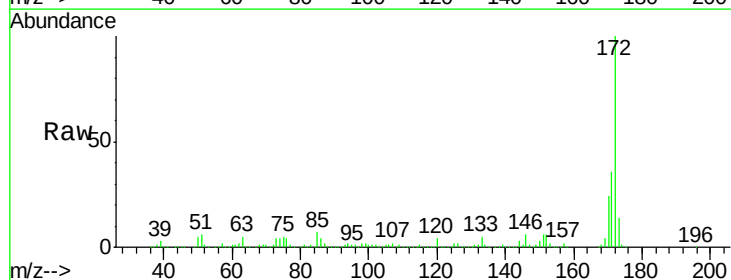
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

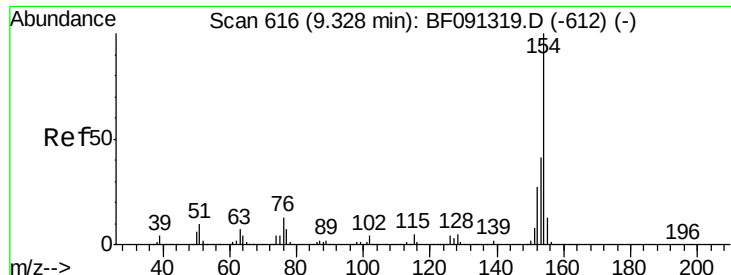
Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.7	77.0	115.6
97	48.4	33.5	50.3
132	27.0	20.5	30.7



#44
 2-Fluorobiphenyl
 Concen: 82.12 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.1	19.7	29.5

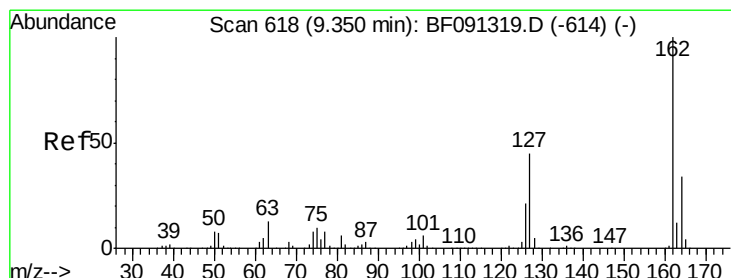
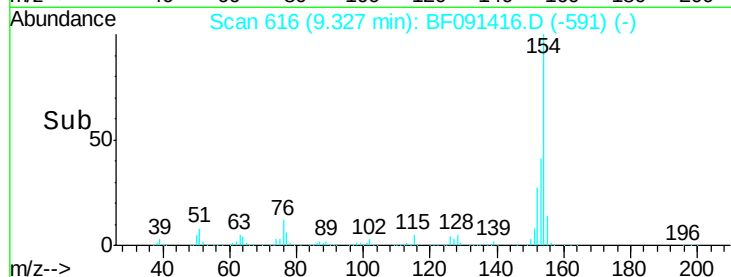
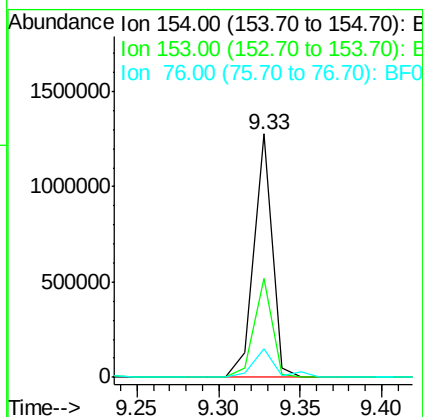
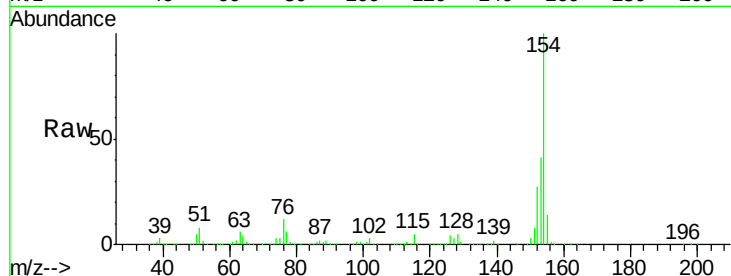




#45
 1,1'-Biphenyl
 Concen: 43.21 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

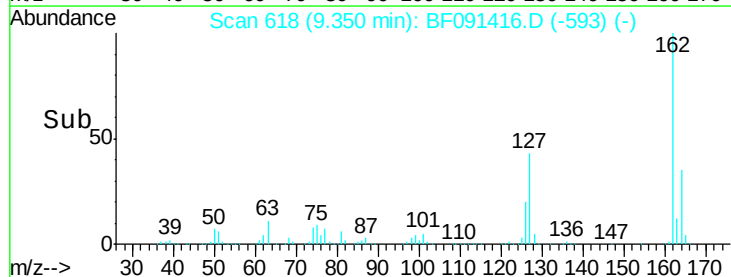
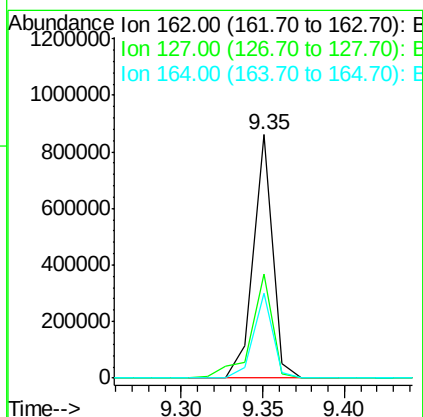
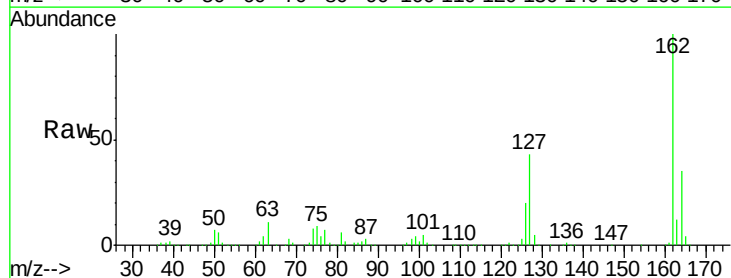
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

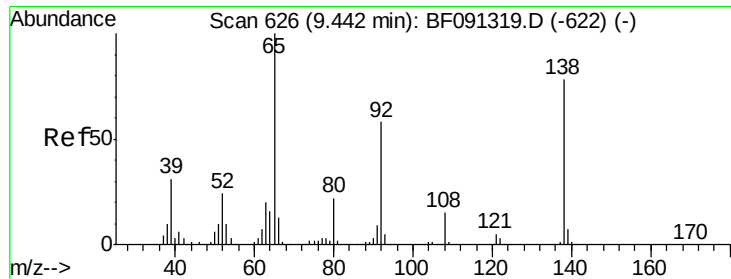
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	11.5	0.0	36.6



#46
 2-Chloronaphthalene
 Concen: 41.13 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.7	34.3	51.5
164	34.9	26.6	40.0





#47

2-Nitroaniline

Concen: 43.53 ng

RT: 9.44 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

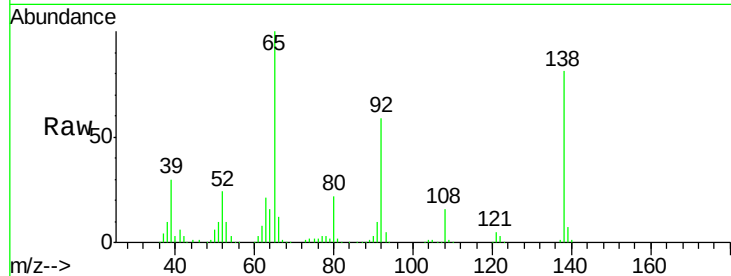
Tgt Ion: 65 Resp: 268915

Ion Ratio Lower Upper

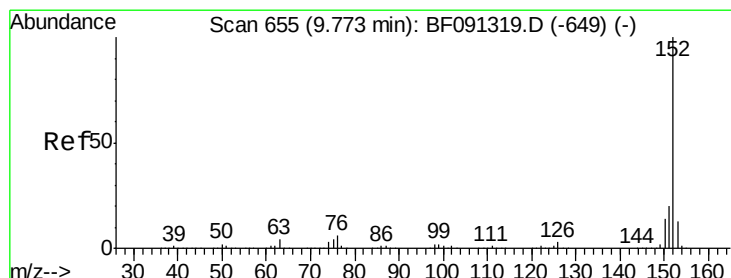
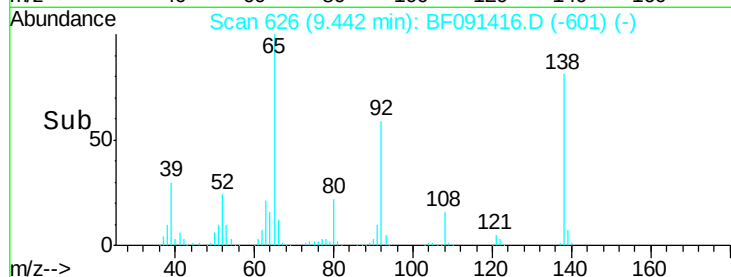
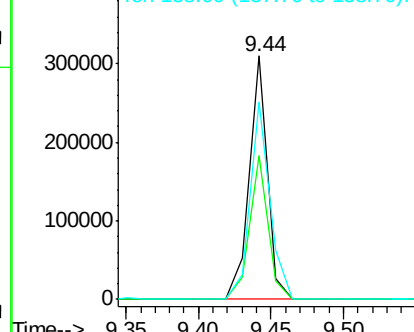
65 100

92 58.8 53.6 80.4

138 81.0 91.0 136.6#



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: 37.92 ng

RT: 9.76 min Scan# 654

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

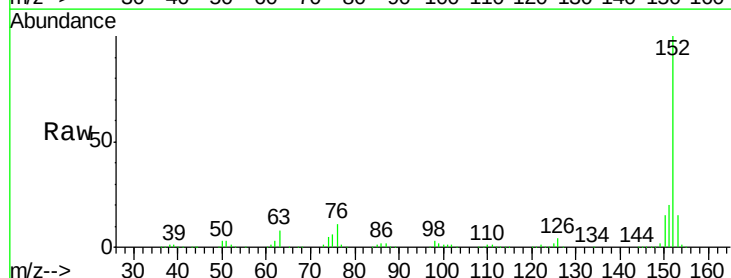
Tgt Ion: 152 Resp: 1026603

Ion Ratio Lower Upper

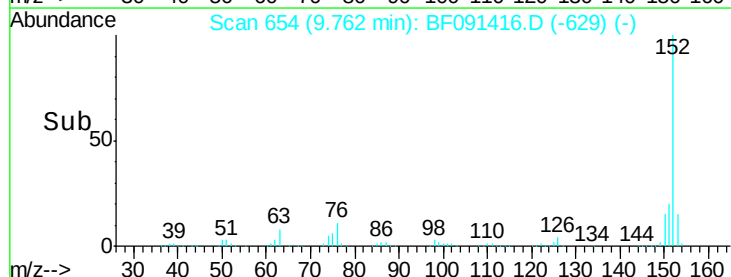
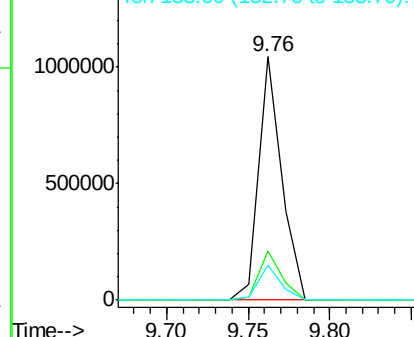
152 100

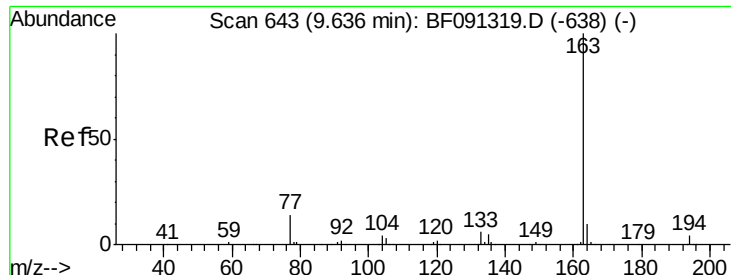
151 20.4 16.6 24.8

153 14.5 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

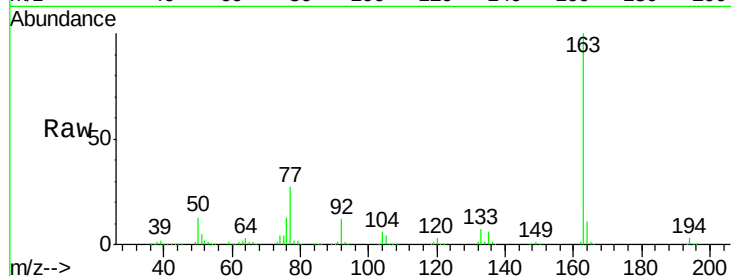




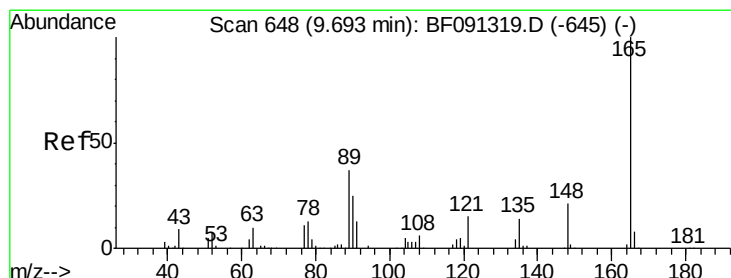
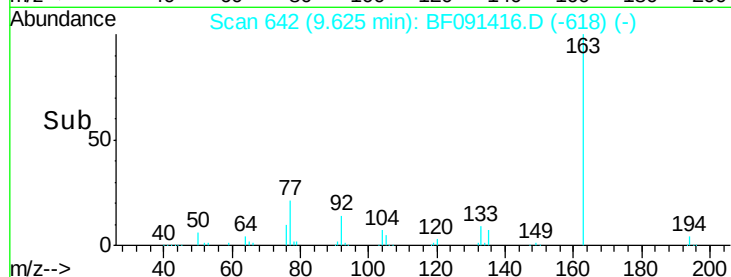
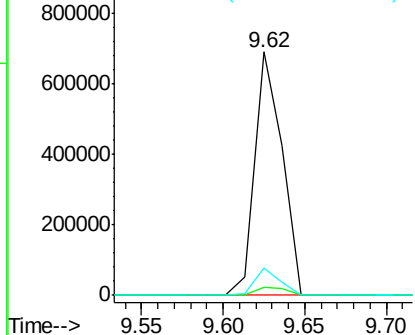
#49
Dimethylphthalate
Concen: 41.27 ng
RT: 9.62 min Scan# 642
Delta R.T. -0.03 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:163 Resp: 802681
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 11.2 7.8 11.8

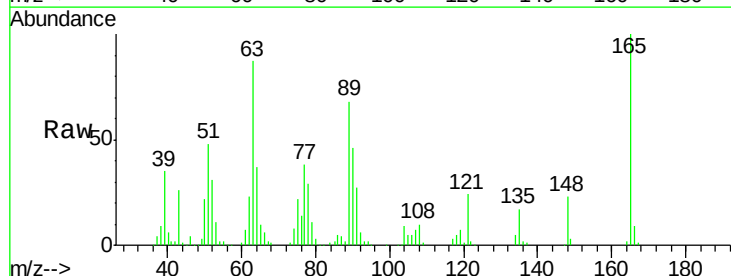


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

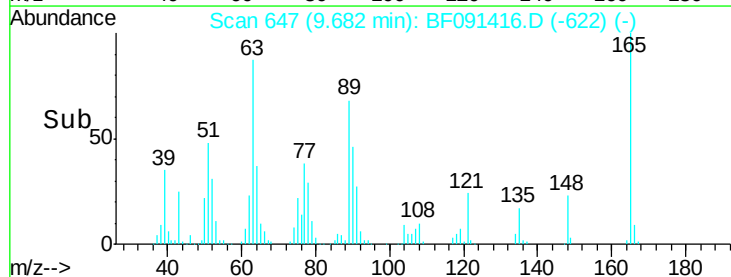
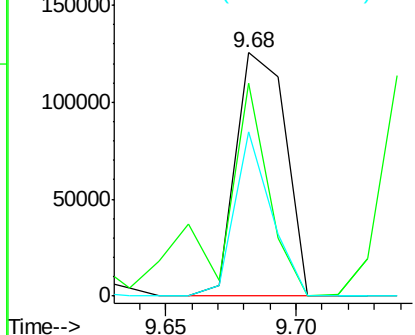


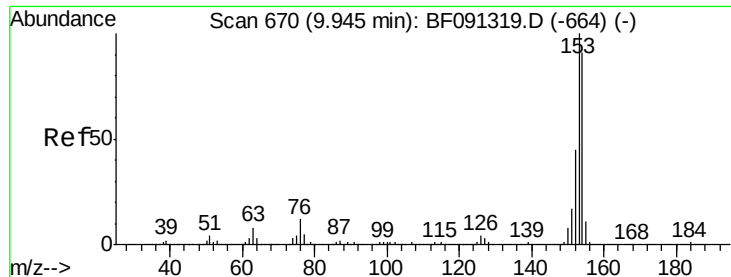
#50
2,6-Dinitrotoluene
Concen: 38.52 ng
RT: 9.68 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion:165 Resp: 167459
Ion Ratio Lower Upper
165 100
63 87.4 59.4 89.0
89 67.7 50.8 76.2



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





#51

Acenaphthene

Concen: 35.88 ng

RT: 9.93 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

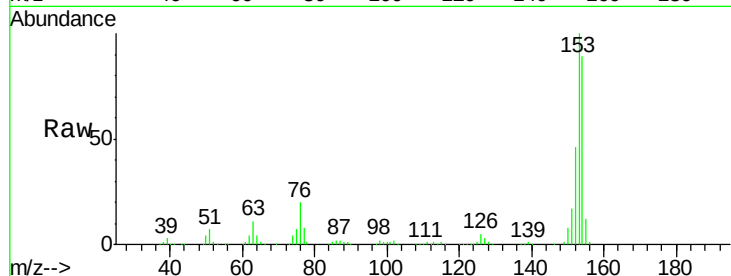
Tgt Ion:154 Resp: 655312

Ion Ratio Lower Upper

154 100

153 112.4 91.0 136.6

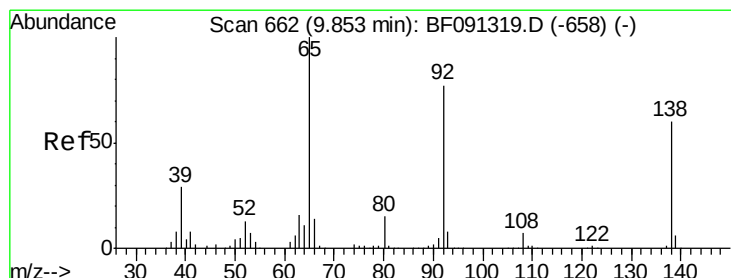
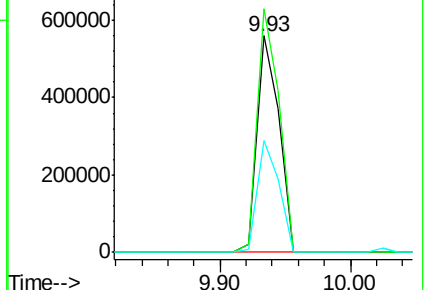
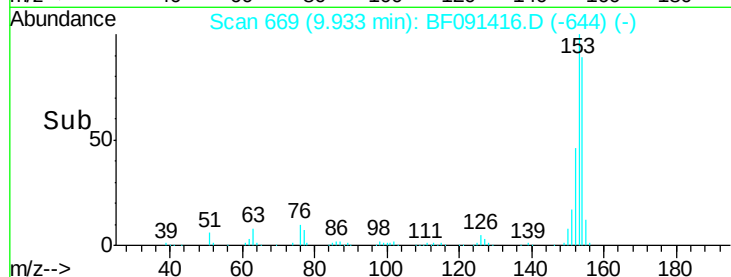
152 51.6 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.88 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

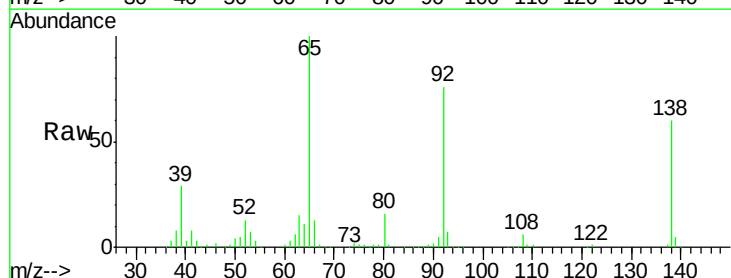
Tgt Ion:138 Resp: 200646

Ion Ratio Lower Upper

138 100

108 10.8 8.1 12.1

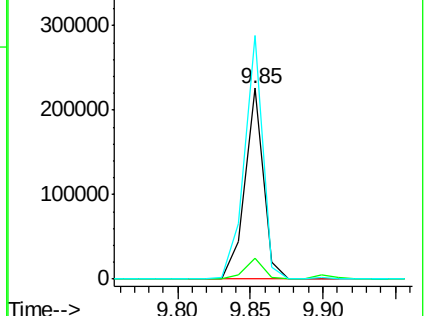
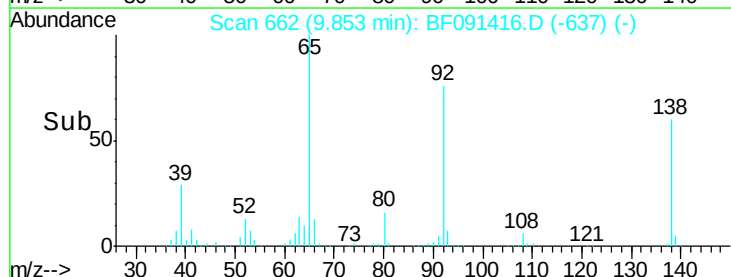
92 127.6 92.5 138.7

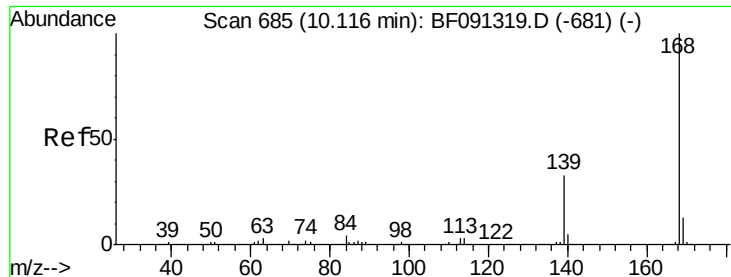


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

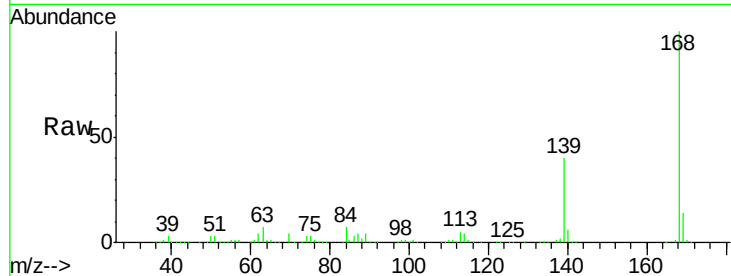




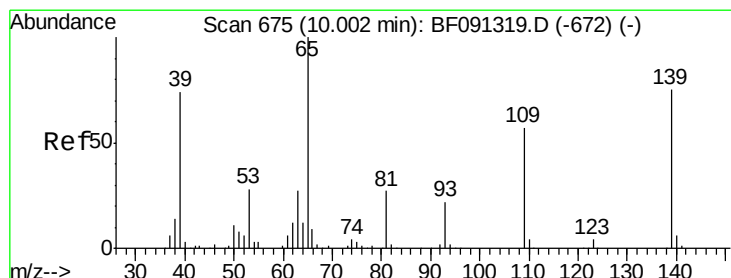
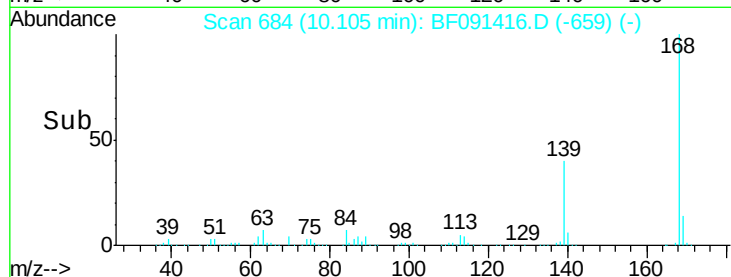
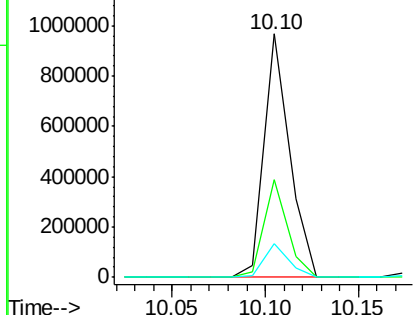
#54
Dibenzenofuran
Concen: 37.27 ng
RT: 10.10 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:168 Resp: 911394
Ion Ratio Lower Upper
168 100
139 39.9 33.4 50.2
169 13.9 11.1 16.7

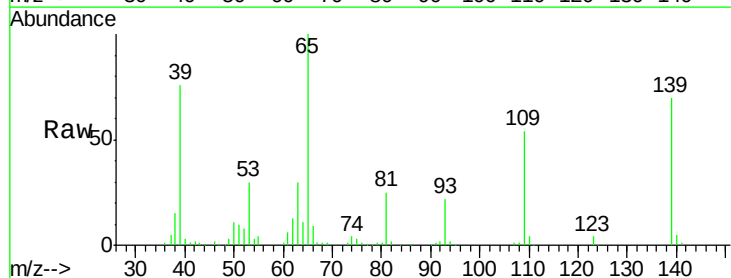


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

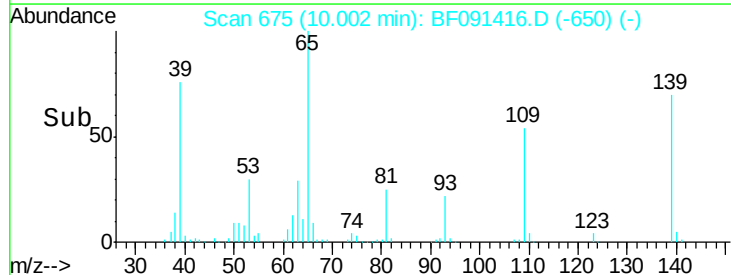
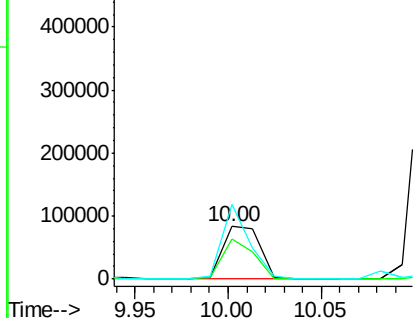


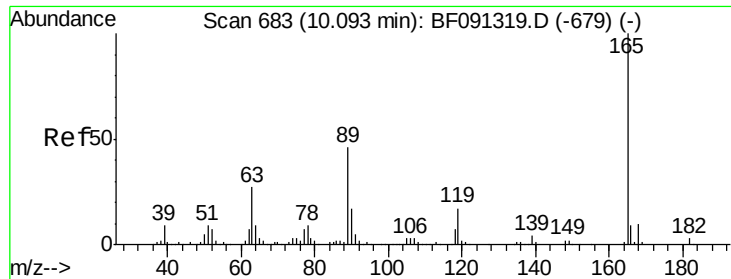
#55
4-Nitrophenol
Concen: 31.75 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion:139 Resp: 115383
Ion Ratio Lower Upper
139 100
109 76.4 54.9 94.9
65 141.9 102.2 142.2



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

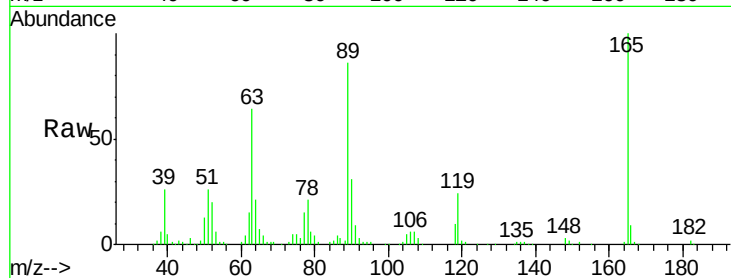




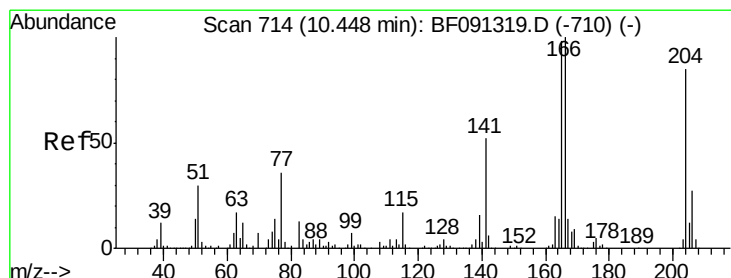
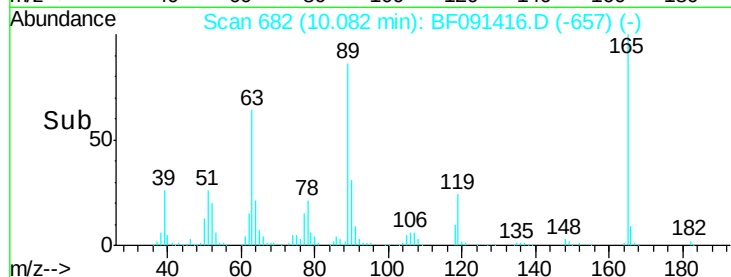
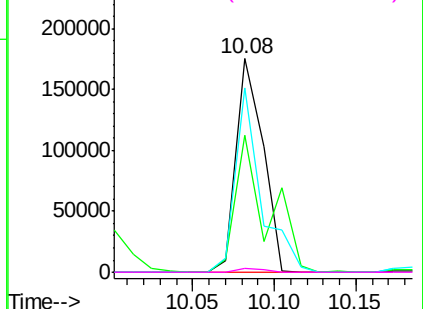
#56
2,4-Dinitrotoluene
Concen: 35.14 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	165	Resp:	198166
Ion	Ratio	Lower	Upper
165	100		
63	64.3	29.0	43.4#
89	86.3	43.1	64.7#
182	2.0	1.9	2.9

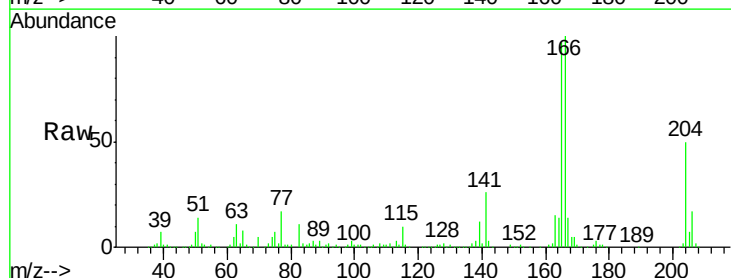


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

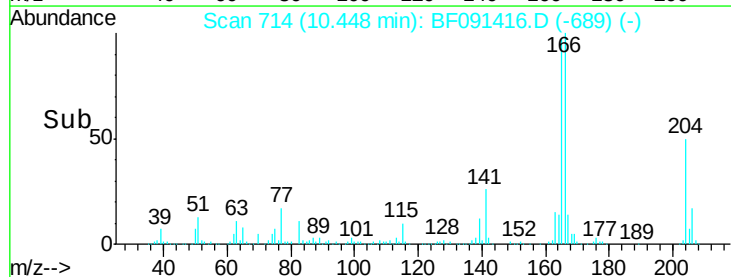
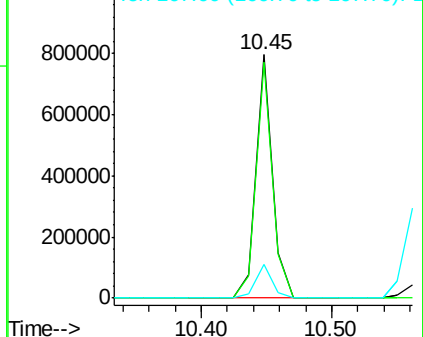


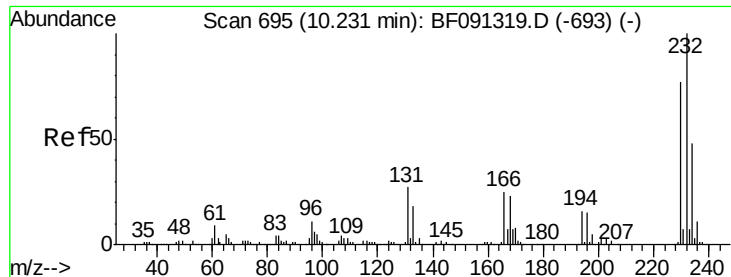
#57
Fluorene
Concen: 37.33 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion:	166	Resp:	700848
Ion	Ratio	Lower	Upper
166	100		
165	97.0	80.0	120.0
167	13.8	10.8	16.2



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

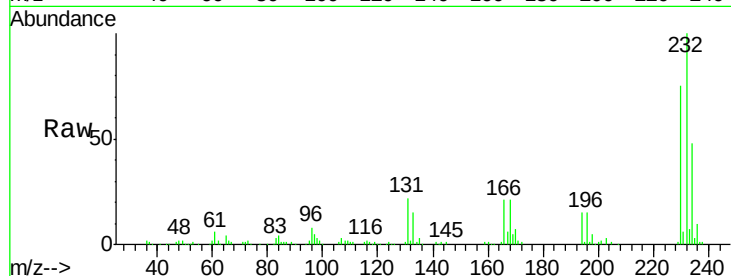




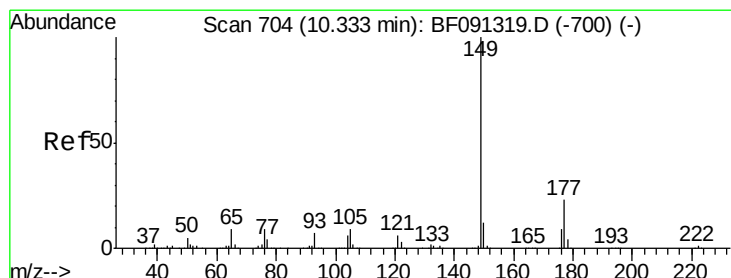
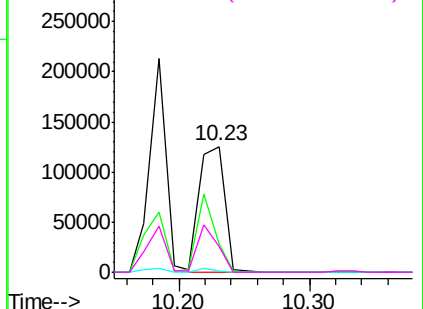
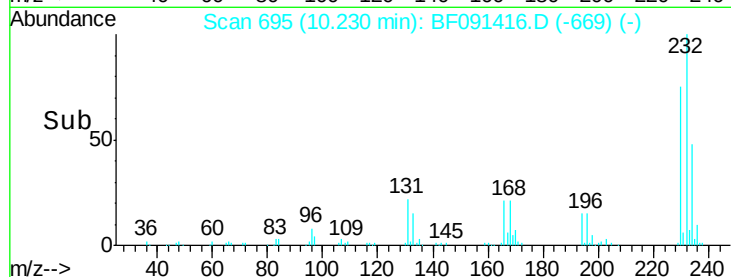
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.77 ng
 RT: 10.23 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	232	Resp:	170052
Ion	Ratio	Lower	Upper
232	100		
131	44.1	38.4	57.6
130	2.3	1.8	2.8
166	30.6	23.9	35.9

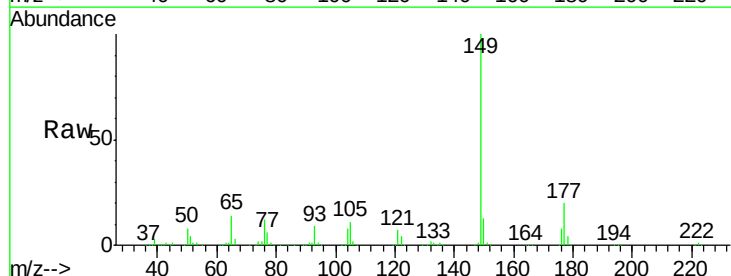


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

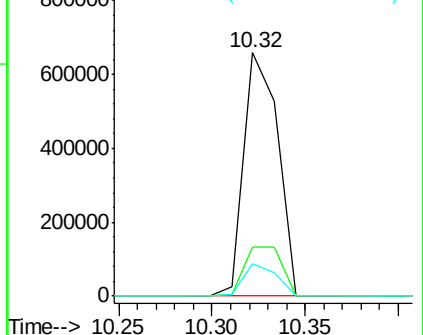
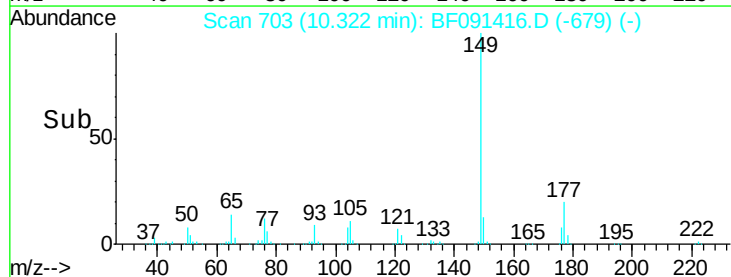


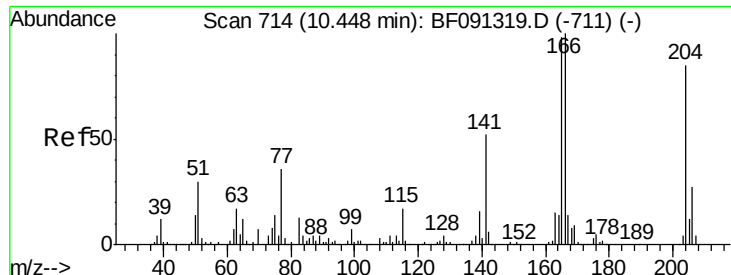
#59
 Diethylphthalate
 Concen: 43.46 ng
 RT: 10.32 min Scan# 703
 Delta R.T. -0.03 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Tgt Ion:	149	Resp:	834293
Ion	Ratio	Lower	Upper
149	100		
177	20.4	15.7	23.5
150	13.1	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

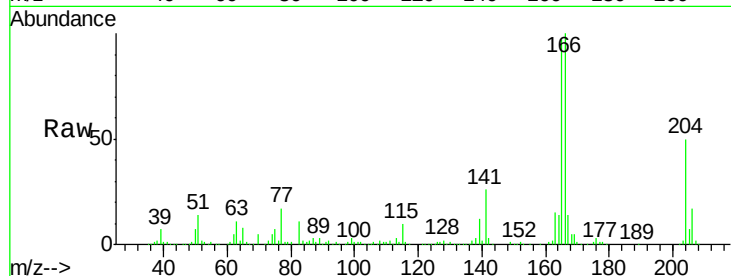




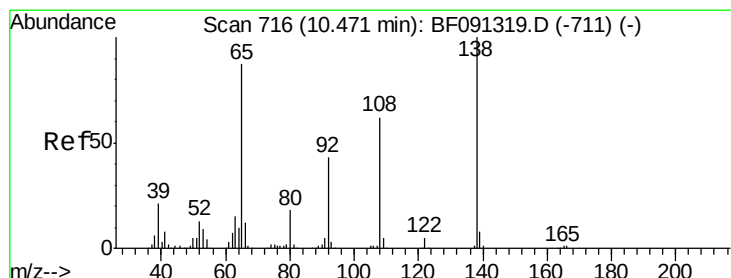
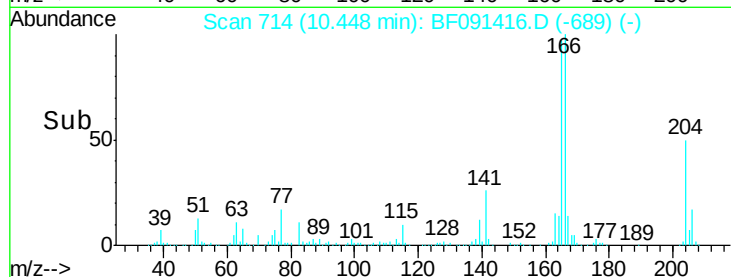
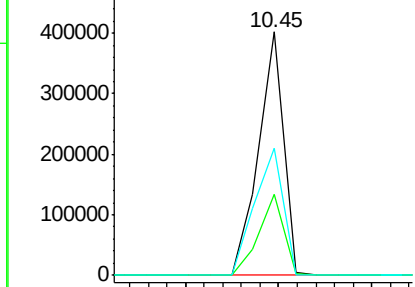
#60
 4-Chlorophenyl-phenylether
 Concen: 39.56 ng
 RT: 10.45 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 204 Resp: 372473
 Ion Ratio Lower Upper
 204 100
 206 33.5 26.1 39.1
 141 52.3 40.6 61.0

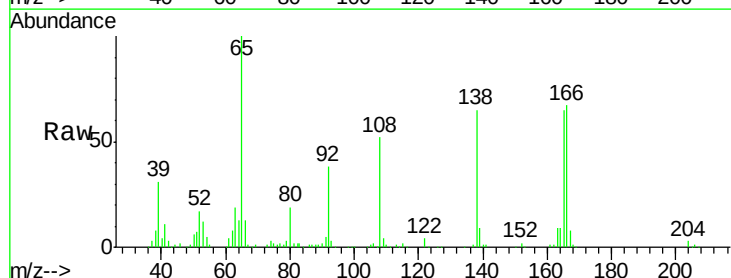


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

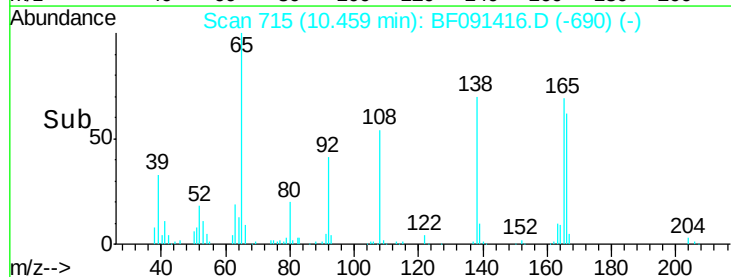
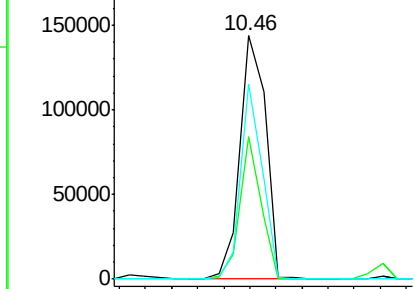


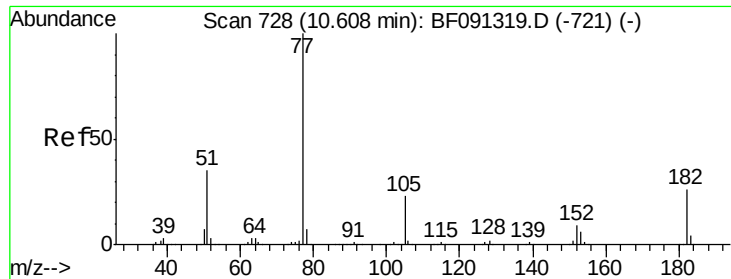
#61
 4-Nitroaniline
 Concen: 41.55 ng
 RT: 10.46 min Scan# 715
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Tgt Ion: 138 Resp: 196299
 Ion Ratio Lower Upper
 138 100
 92 58.7 26.9 66.9
 108 80.1 49.1 89.1



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





#62

Azobenzene

Concen: 41.65 ng

RT: 10.61 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 815966

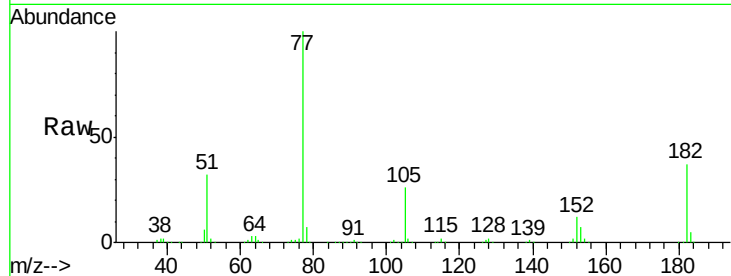
Ion Ratio Lower Upper

77 100

182 37.0 12.5 52.5

105 25.5 3.7 43.7

51 31.9 11.9 51.9

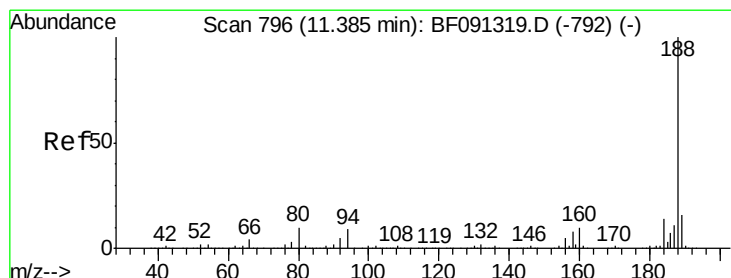
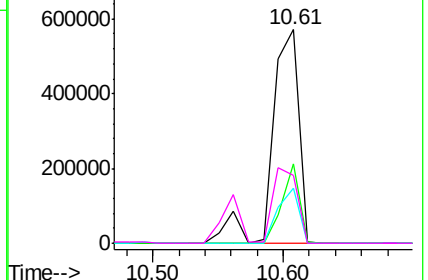
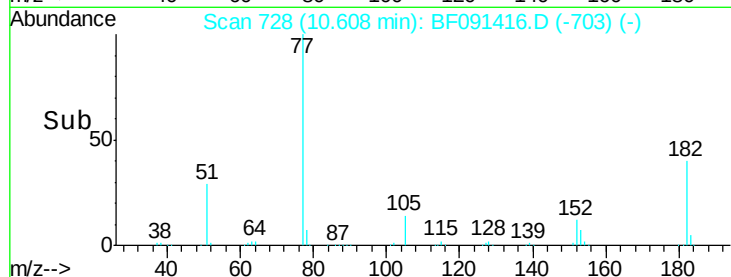


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

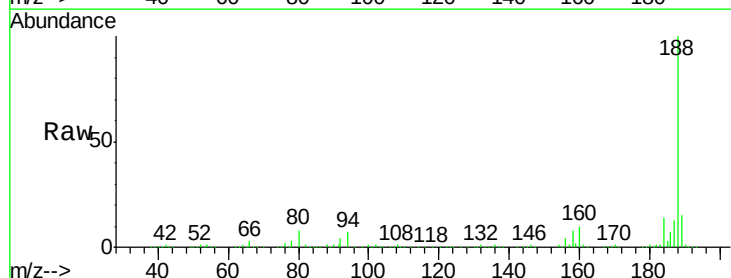
Tgt Ion: 188 Resp: 507064

Ion Ratio Lower Upper

188 100

94 7.3 9.2 13.8#

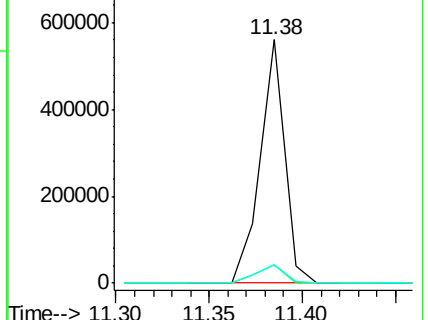
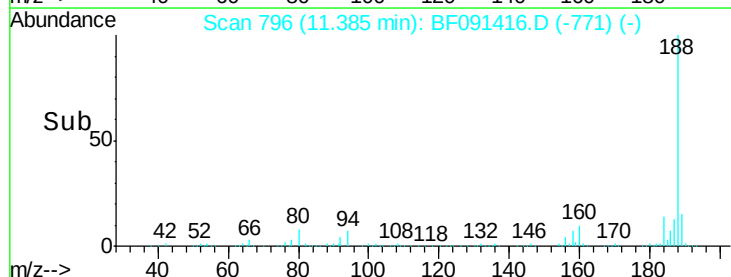
80 7.7 10.5 15.7#

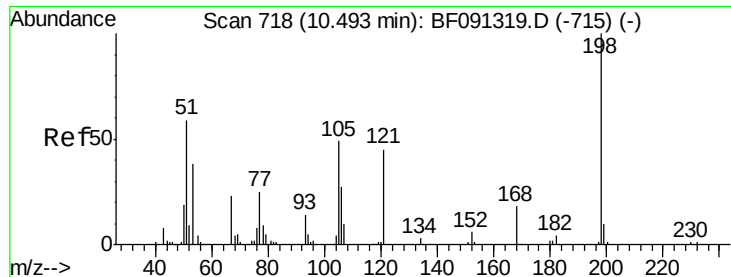


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

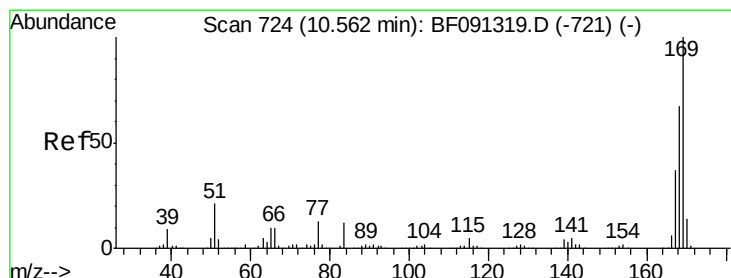
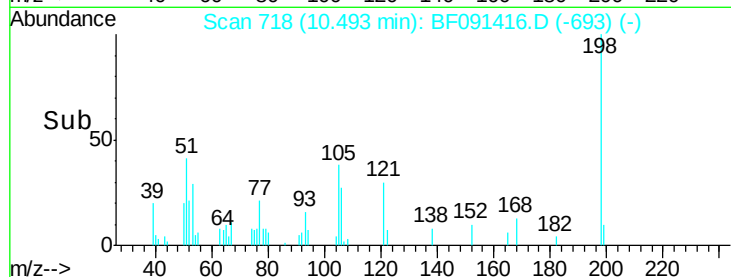
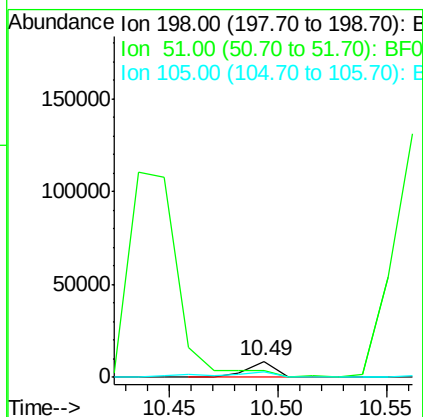
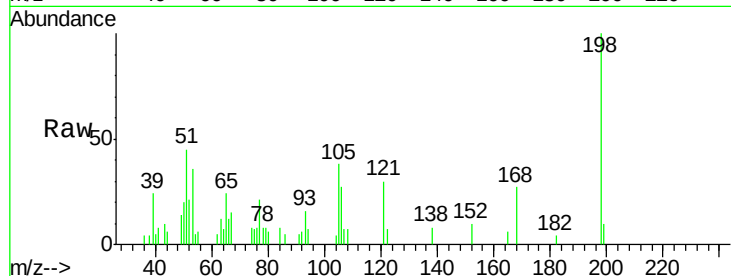




#64
4,6-Dinitro-2-methylphenol
Concen: 2.85 ng
RT: 10.49 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

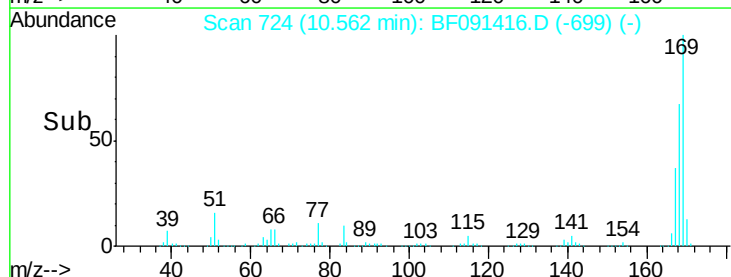
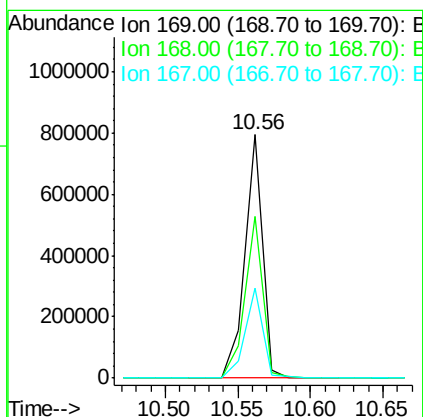
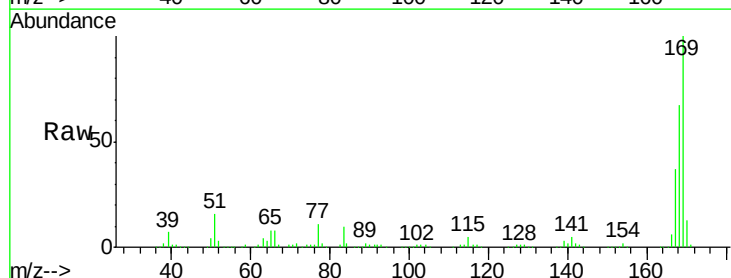
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

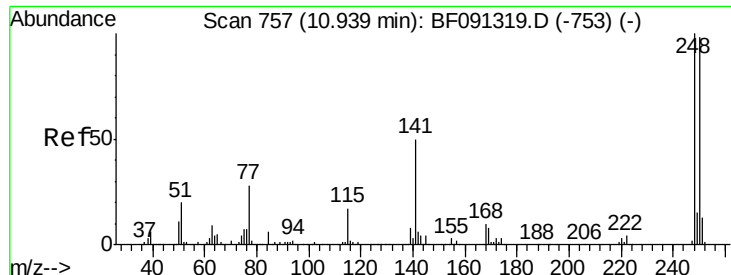
Tgt Ion:198 Resp: 7959
Ion Ratio Lower Upper
198 100
51 45.0 77.1 117.1#
105 38.0 44.8 84.8#



#65
n-Nitrosodiphenylamine
Concen: 43.91 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion:169 Resp: 675073
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.8
167 36.9 29.8 44.8

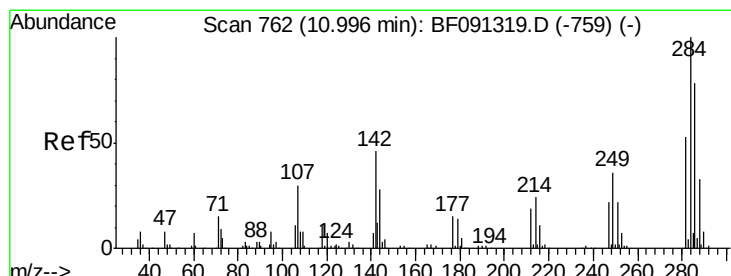
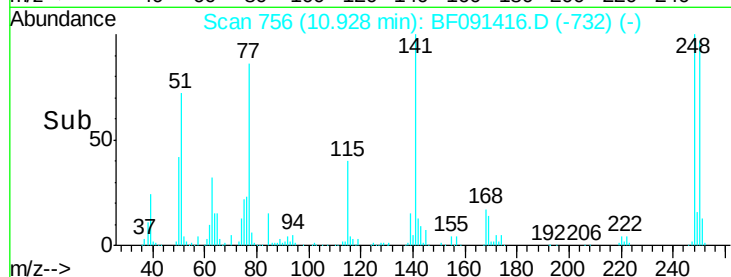
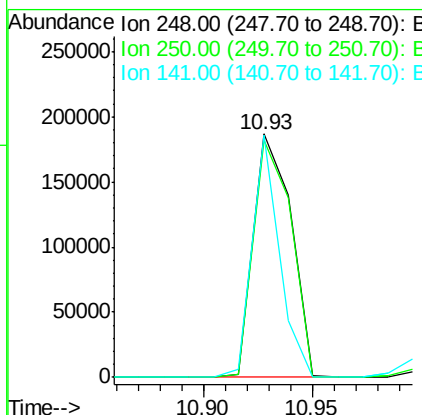
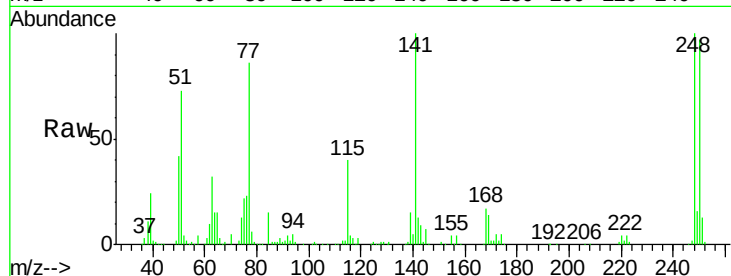




#66
 4-Bromophenyl-phenylether
 Concen: 41.53 ng
 RT: 10.93 min Scan# 756
 Delta R.T. -0.03 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

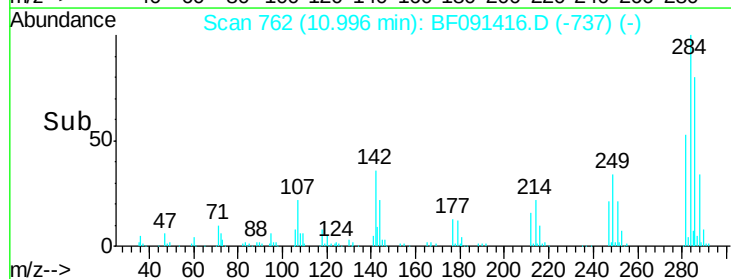
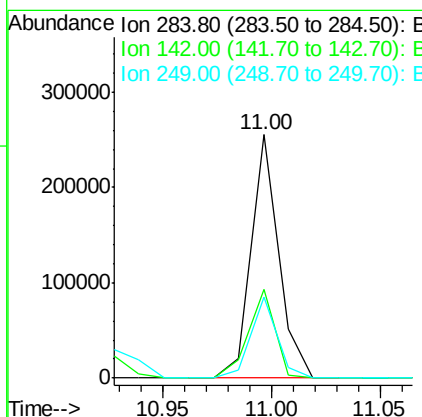
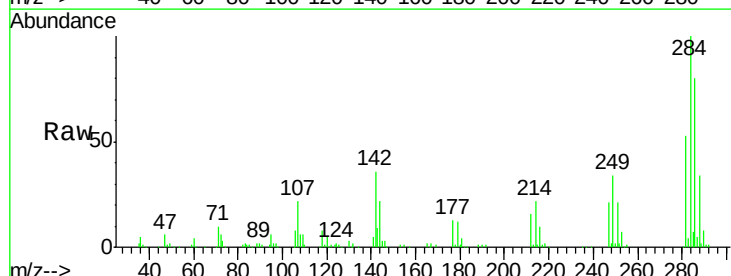
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

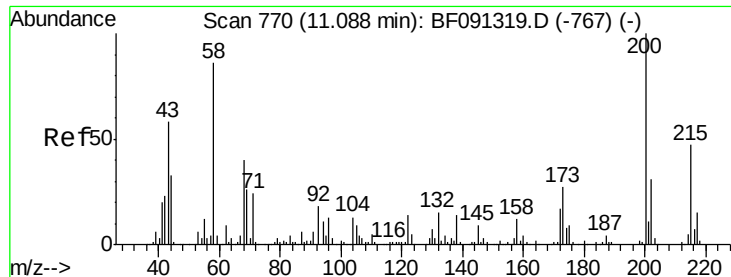
Tgt Ion:248 Resp: 226361
 Ion Ratio Lower Upper
 248 100
 250 97.2 78.2 117.4
 141 99.6 71.9 107.9



#67
 Hexachlorobenzene
 Concen: 38.22 ng
 RT: 11.00 min Scan# 762
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Tgt Ion:284 Resp: 225101
 Ion Ratio Lower Upper
 284 100
 142 36.3 17.9 26.9#
 249 33.5 23.6 35.4

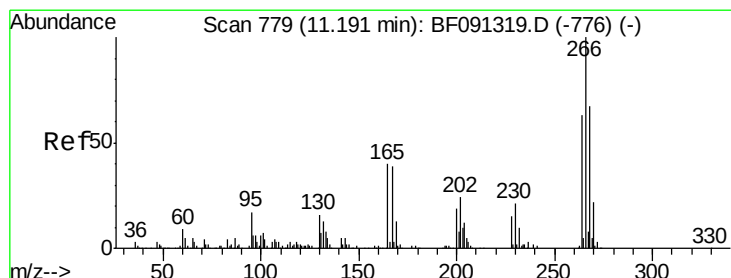
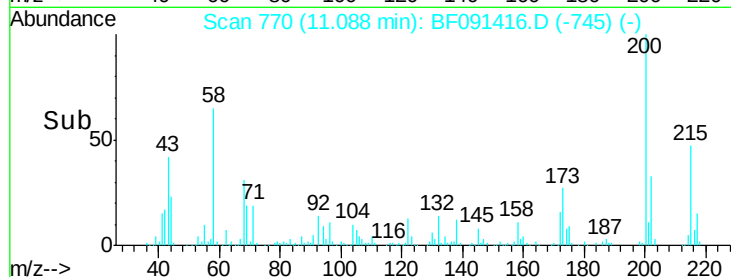
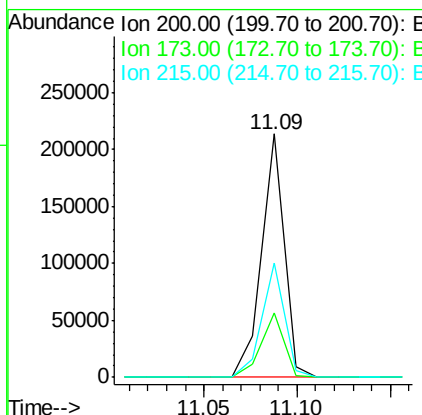
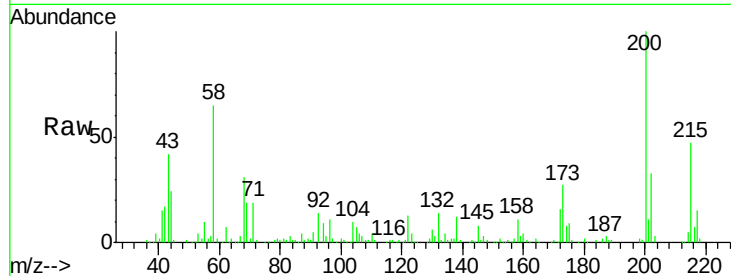




#68
Atrazine
Concen: 35.85 ng
RT: 11.09 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

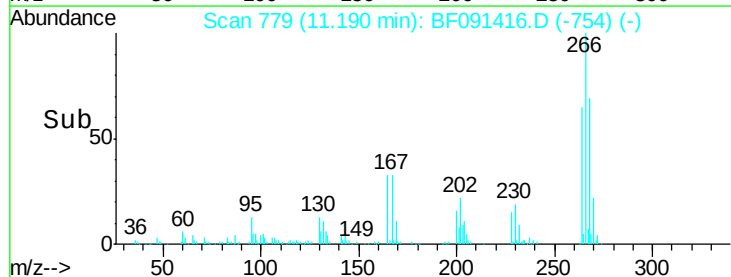
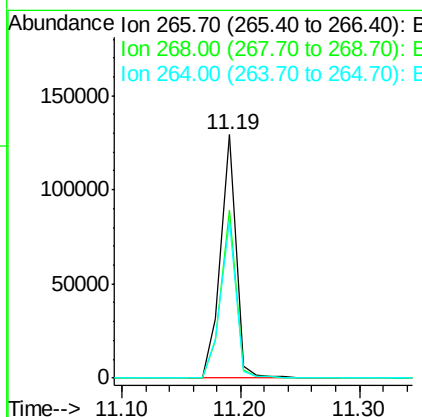
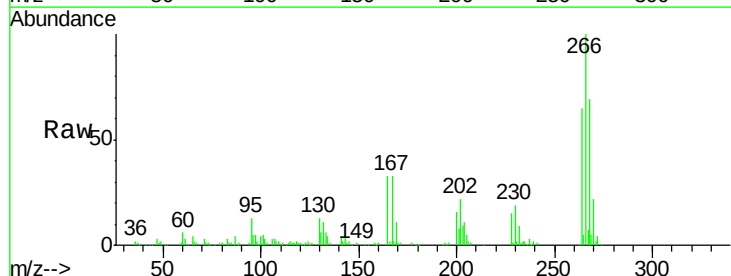
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

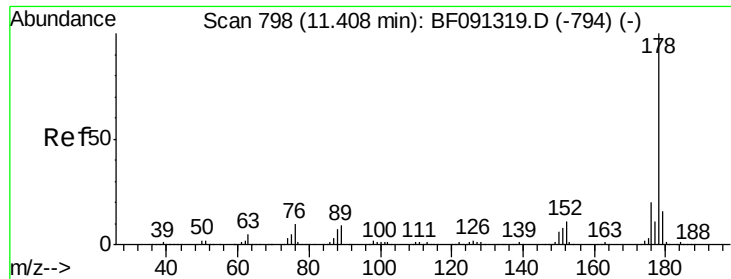
Tgt Ion:200 Resp: 178498
Ion Ratio Lower Upper
200 100
173 26.6 7.8 47.8
215 47.1 24.3 64.3



#69
Pentachlorophenol
Concen: 33.83 ng
RT: 11.19 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion:266 Resp: 117279
Ion Ratio Lower Upper
266 100
268 69.1 50.3 75.5
264 64.8 48.2 72.2





#70

Phenanthrene

Concen: 36.74 ng

RT: 11.41 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

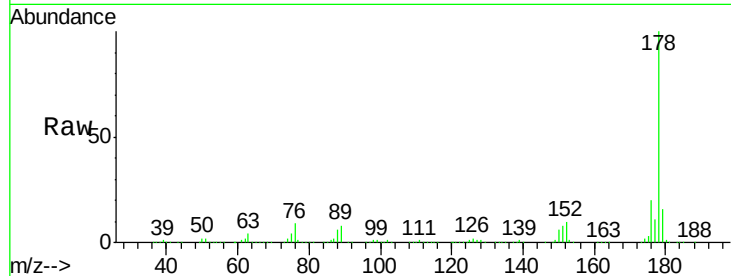
Tgt Ion:178 Resp: 967980

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

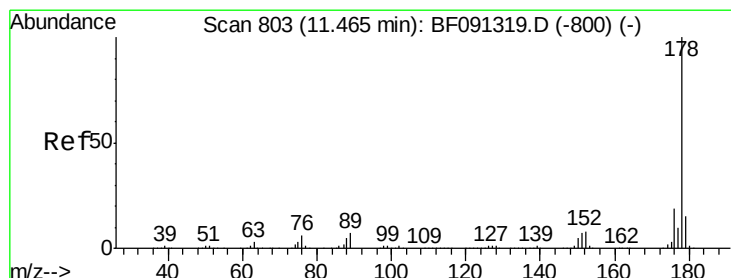
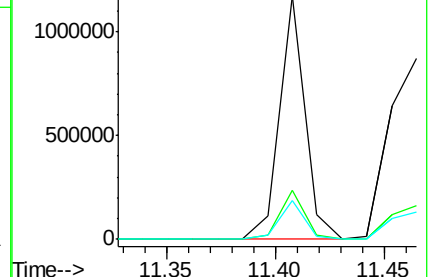
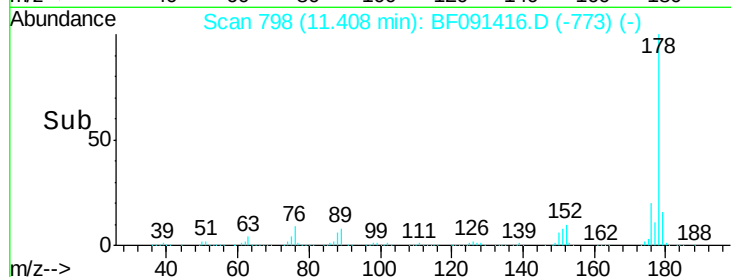
179 15.9 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 40.31 ng

RT: 11.46 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

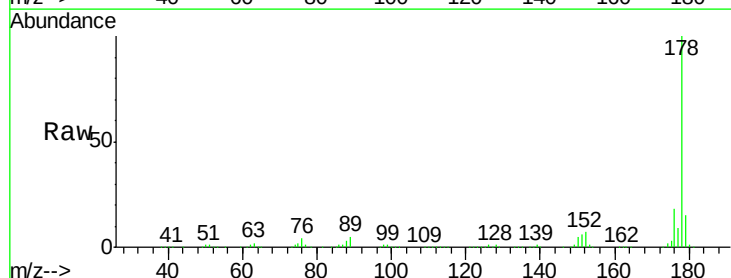
Tgt Ion:178 Resp: 1054088

Ion Ratio Lower Upper

178 100

176 18.4 15.8 23.6

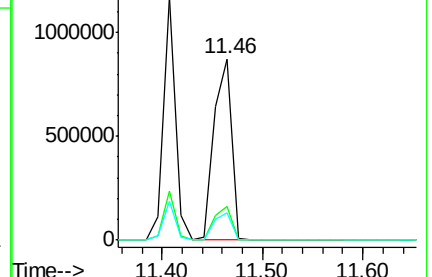
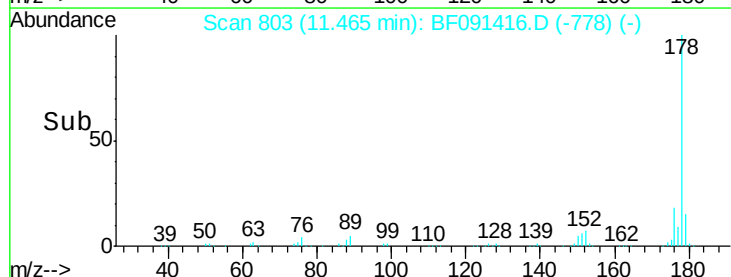
179 15.0 12.7 19.1

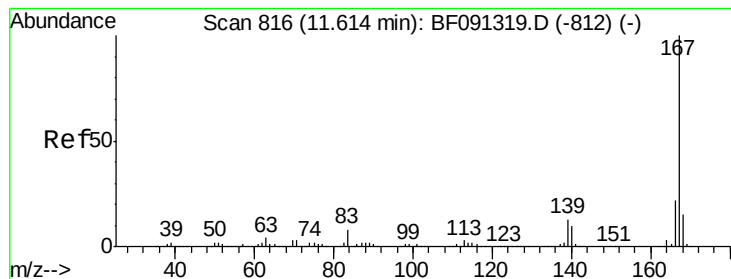


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 38.68 ng

RT: 11.61 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

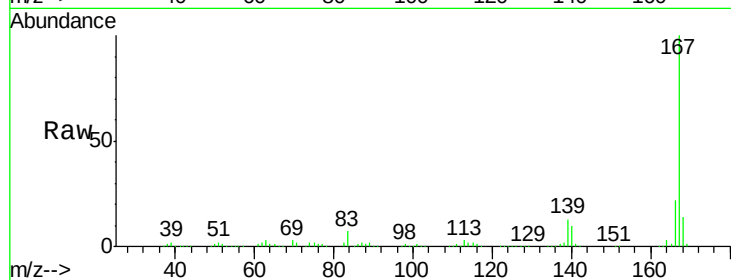
Tgt Ion:167 Resp: 917901

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

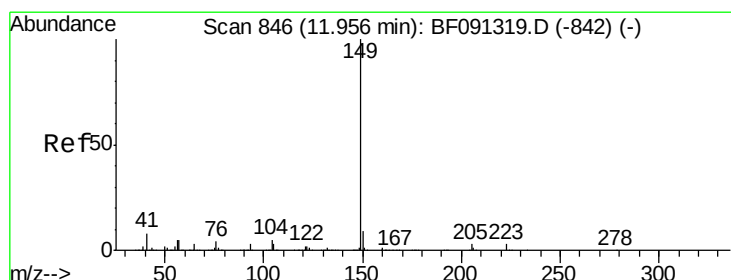
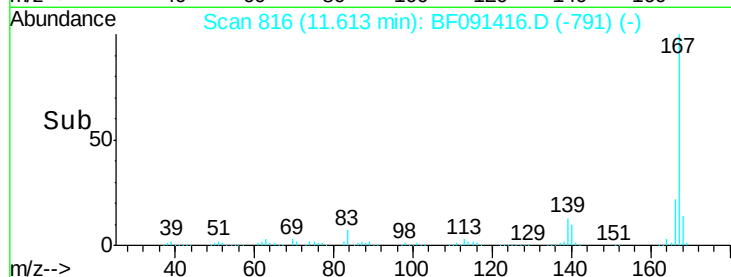
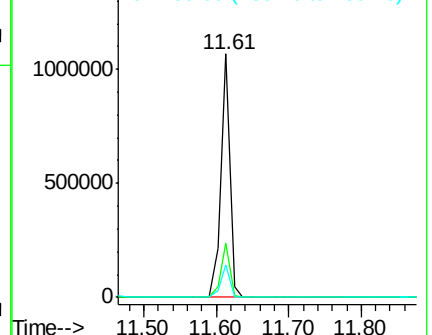
139 13.1 11.5 17.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 43.74 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

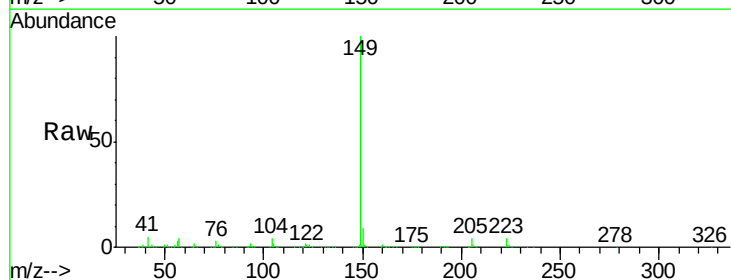
Tgt Ion:149 Resp: 1176333

Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

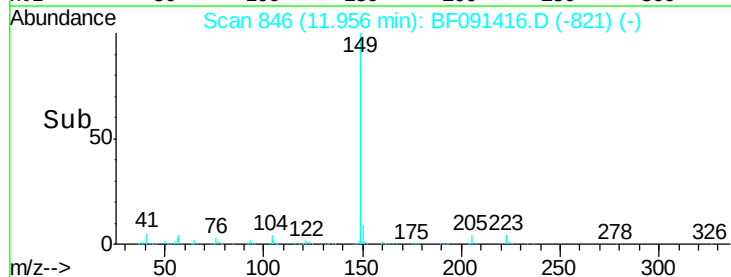
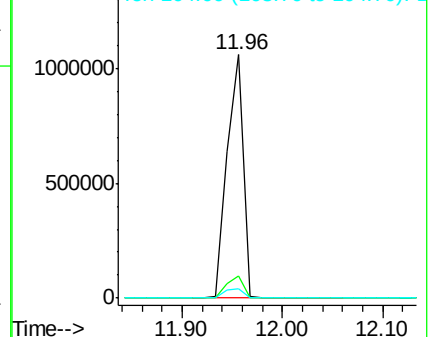
104 3.9 4.0 6.0#

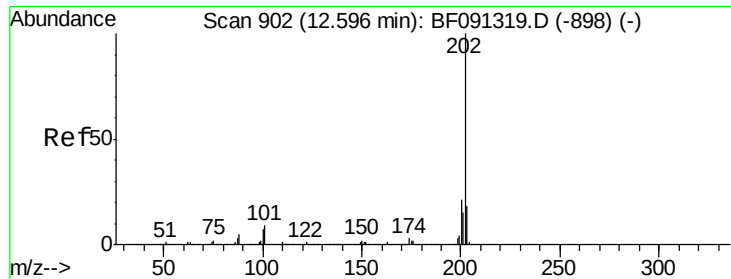


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



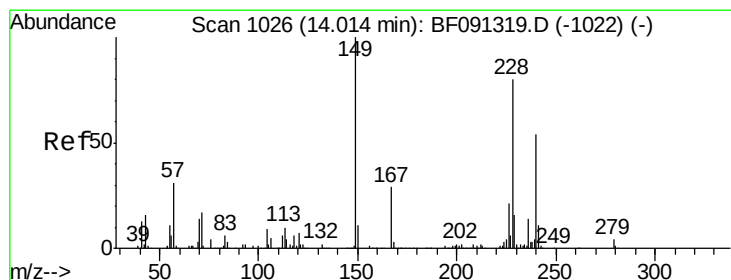
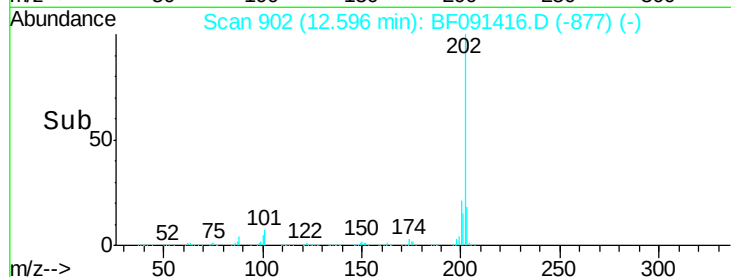
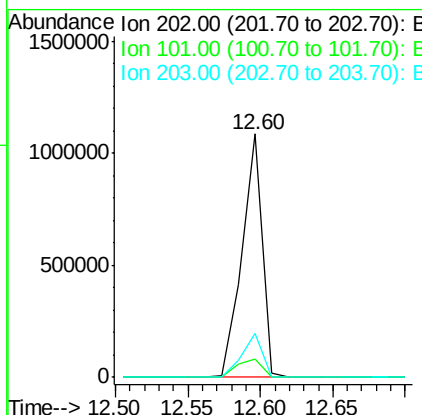
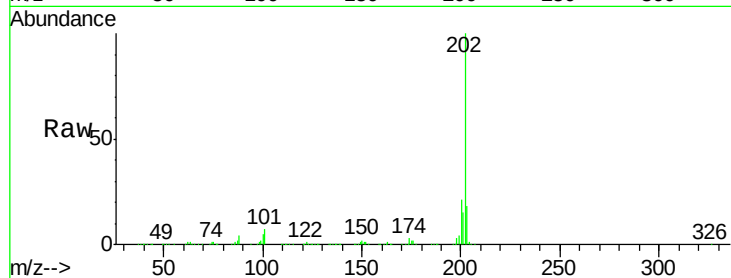


#74
 Fluoranthene
 Concen: 42.04 ng
 RT: 12.60 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:202 Resp: 1049237

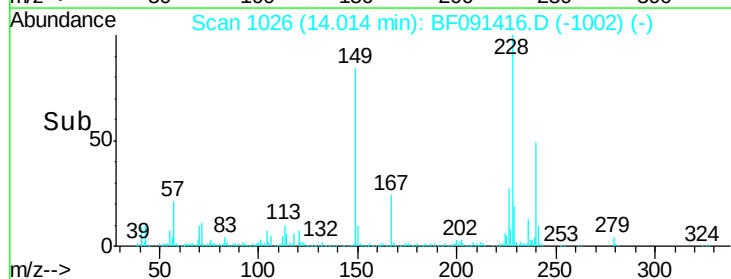
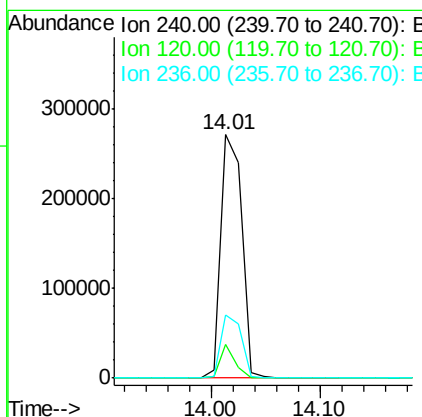
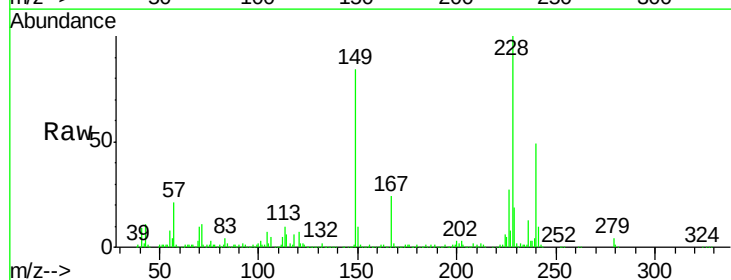
Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	29.5
203	17.9	0.0	37.8

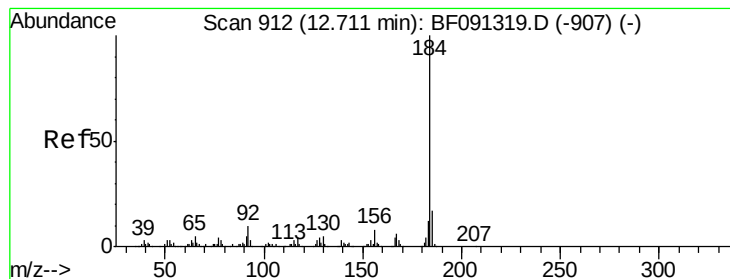


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Tgt Ion:240 Resp: 363064

Ion	Ratio	Lower	Upper
240	100		
120	13.6	12.1	18.1
236	25.7	21.0	31.6





#76

Benzidine

Concen: 35.38 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

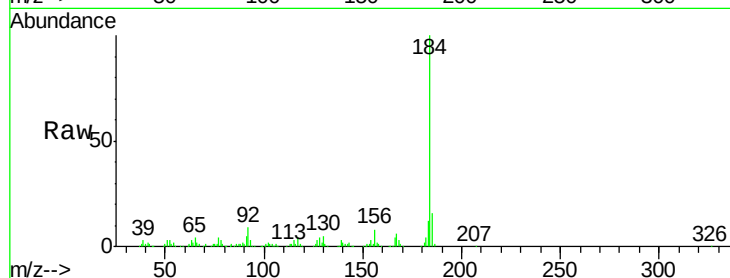
Tgt Ion:184 Resp: 377083

Ion Ratio Lower Upper

184 100

185 15.8 13.1 19.7

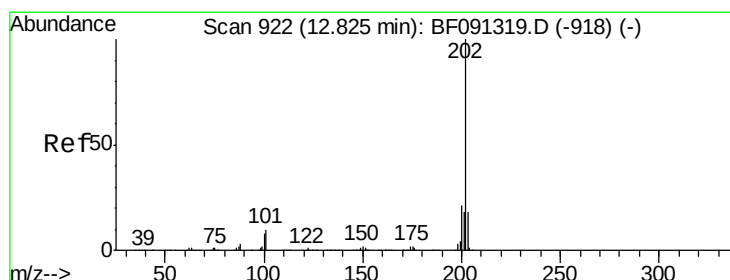
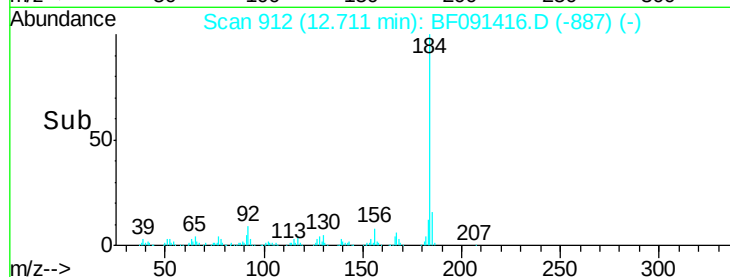
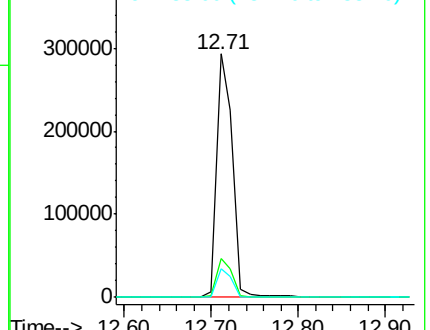
183 11.8 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 38.60 ng

RT: 12.82 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

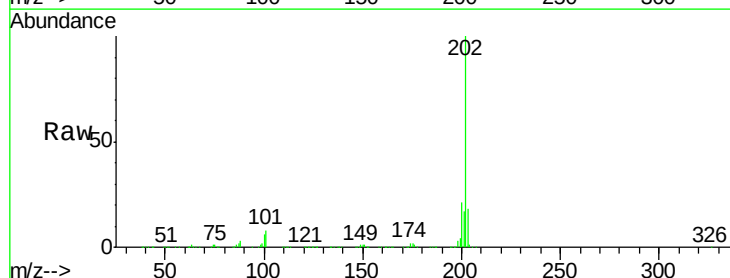
Tgt Ion:202 Resp: 1063595

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

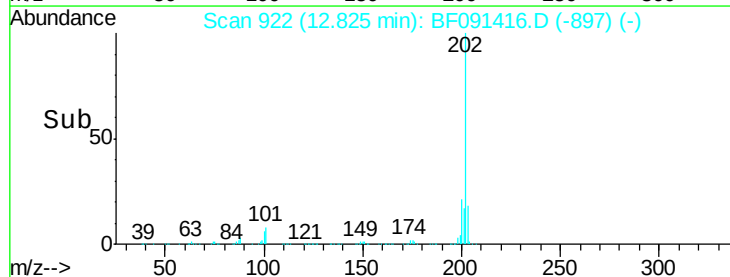
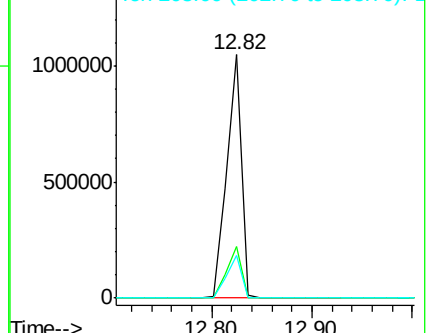
203 17.6 14.0 21.0

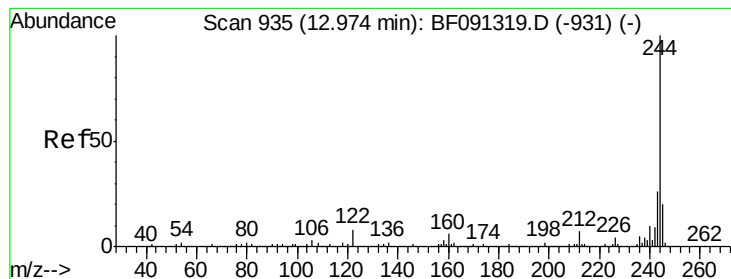


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 80.00 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

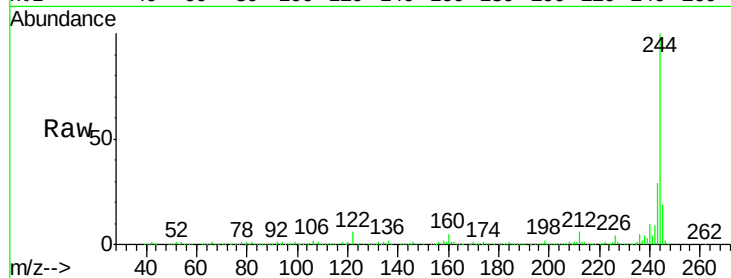
Tgt Ion:244 Resp: 1336409

Ion Ratio Lower Upper

244 100

212 6.4 6.5 9.7#

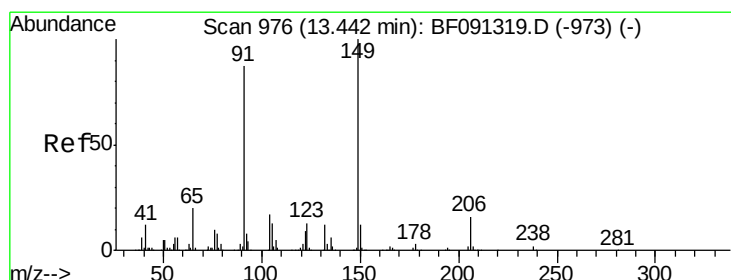
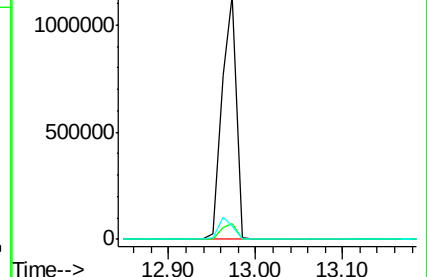
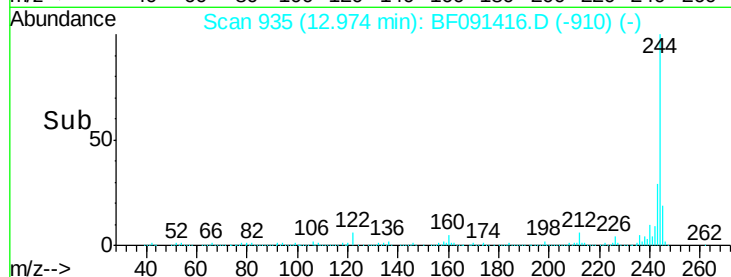
122 5.5 9.5 14.3#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 40.22 ng

RT: 13.44 min Scan# 976

Delta R.T. -0.03 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

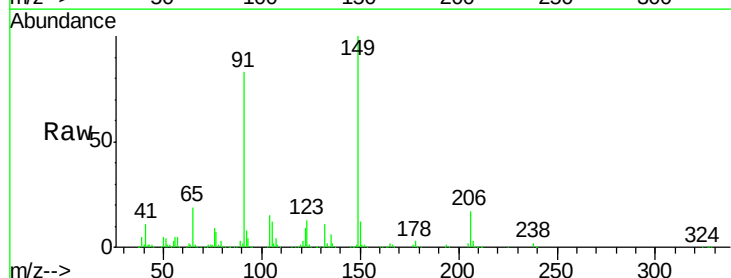
Tgt Ion:149 Resp: 414924

Ion Ratio Lower Upper

149 100

91 82.6 57.4 86.2

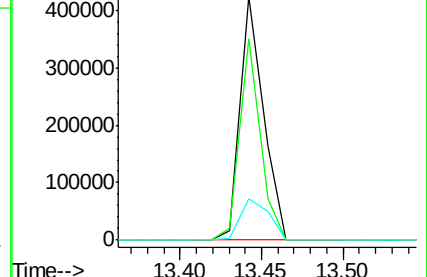
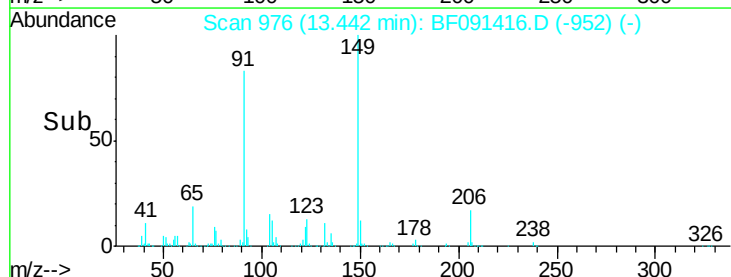
206 17.1 15.4 23.2

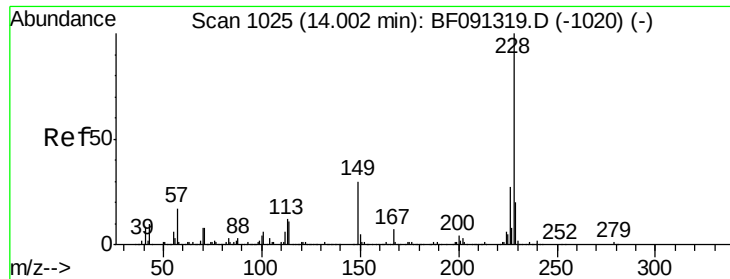


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 40.15 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

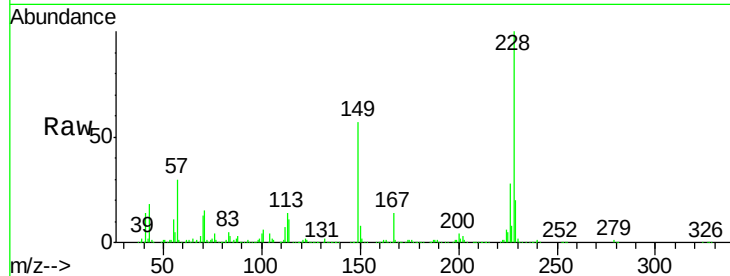
Tgt Ion:228 Resp: 852385

Ion Ratio Lower Upper

228 100

226 27.8 22.5 33.7

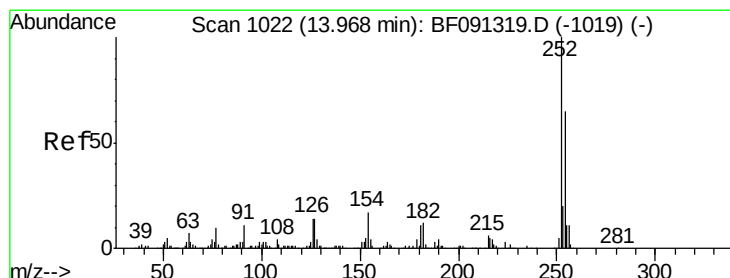
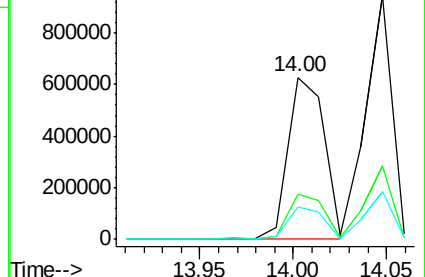
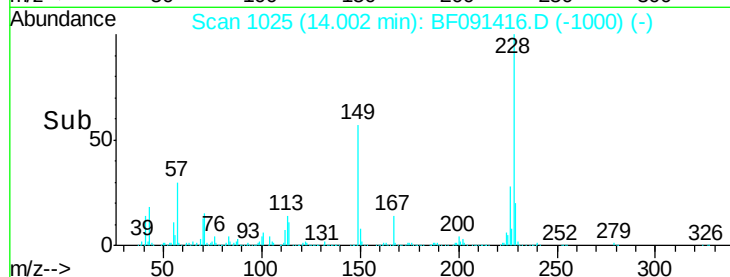
229 20.2 16.4 24.6



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: 44.54 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

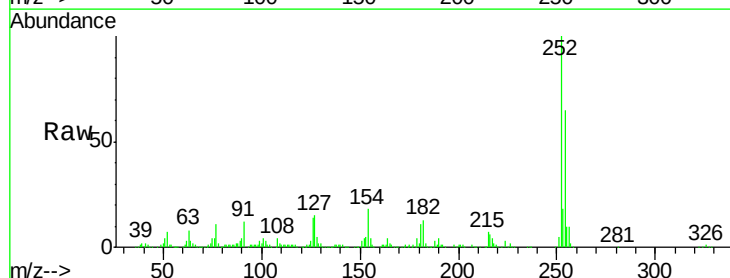
Tgt Ion:252 Resp: 333165

Ion Ratio Lower Upper

252 100

254 65.3 52.1 78.1

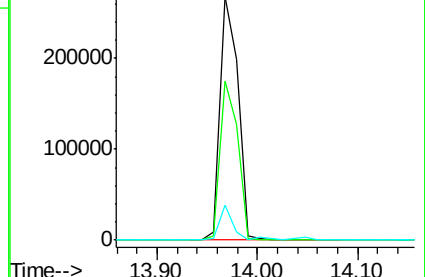
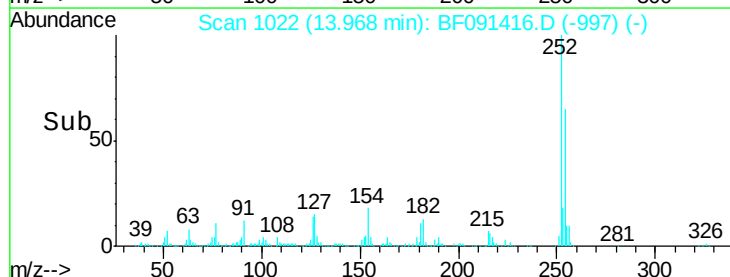
126 14.1 7.5 11.3#

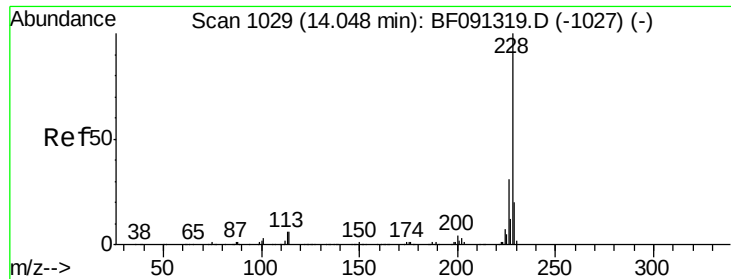


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 43.45 ng

RT: 14.05 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

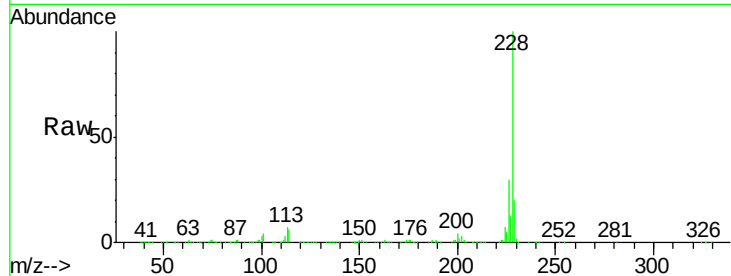
Tgt Ion:228 Resp: 912909

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.4

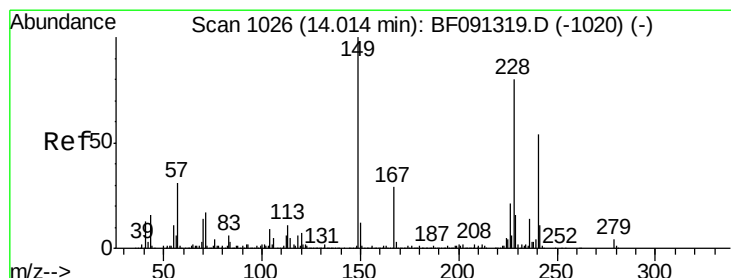
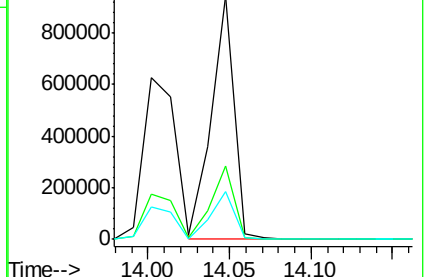
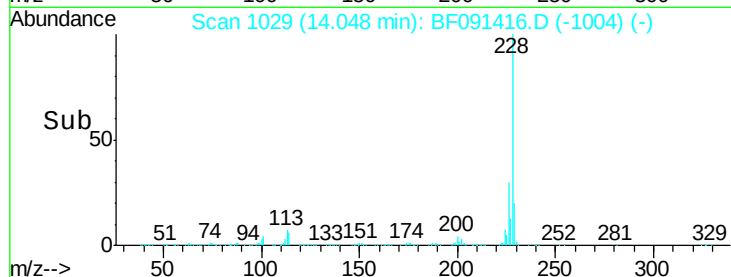
229 19.7 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 43.98 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

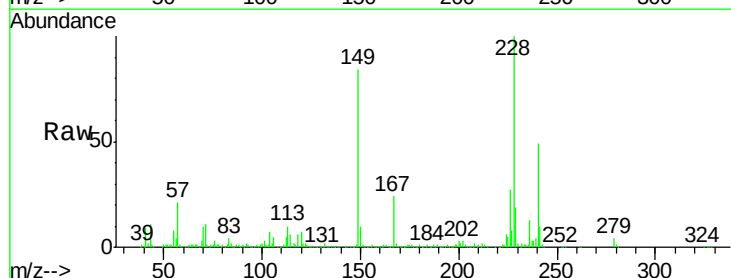
Tgt Ion:149 Resp: 575199

Ion Ratio Lower Upper

149 100

167 29.1 19.6 29.4

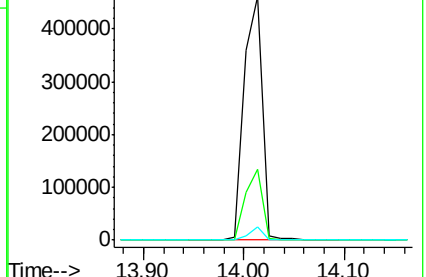
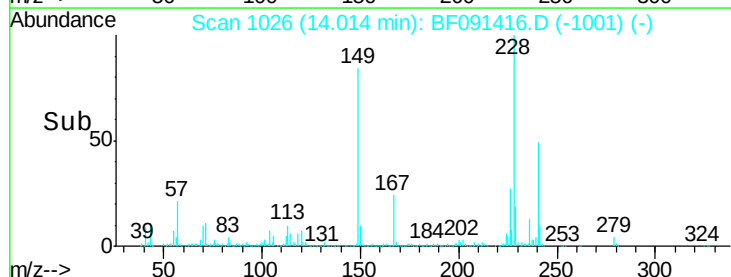
279 5.3 1.9 2.9#

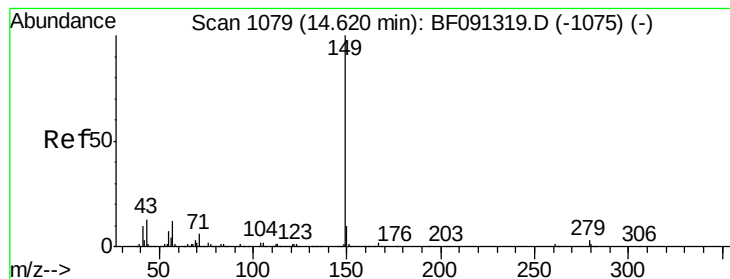


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 51.40 ng

RT: 14.62 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

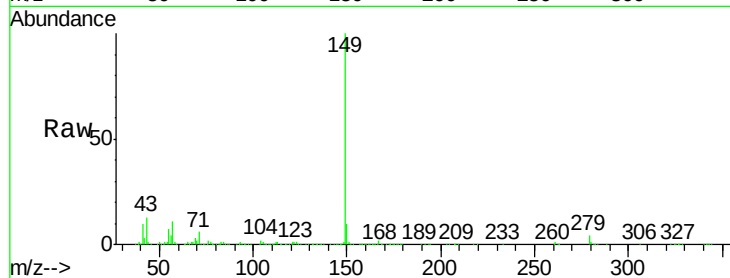
Tgt Ion:149 Resp: 1017127

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

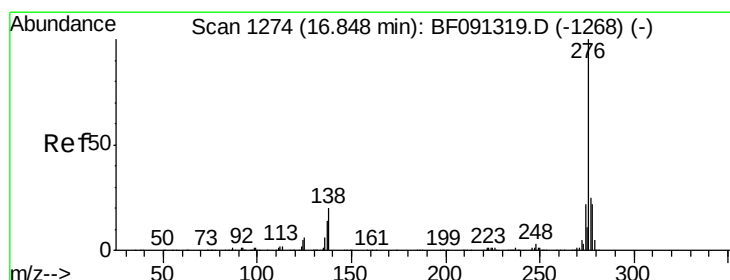
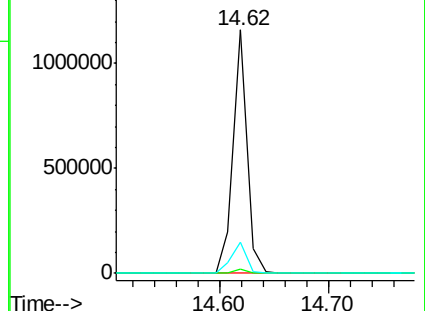
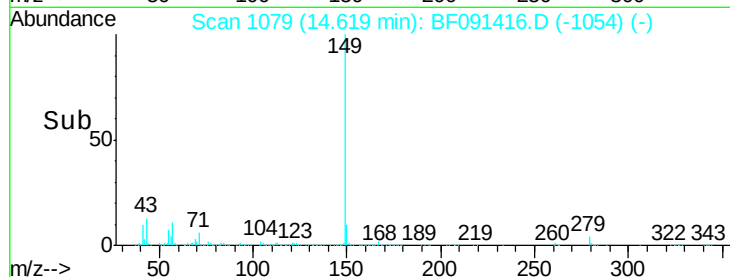
43 14.3 11.9 17.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 32.41 ng

RT: 16.85 min Scan# 1274

Delta R.T. -0.04 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

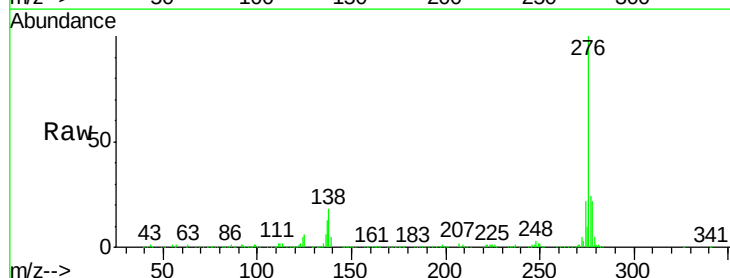
Tgt Ion:276 Resp: 623592

Ion Ratio Lower Upper

276 100

138 21.0 21.0 31.4

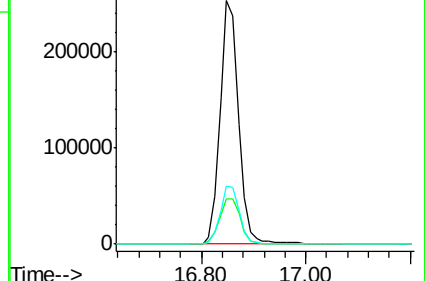
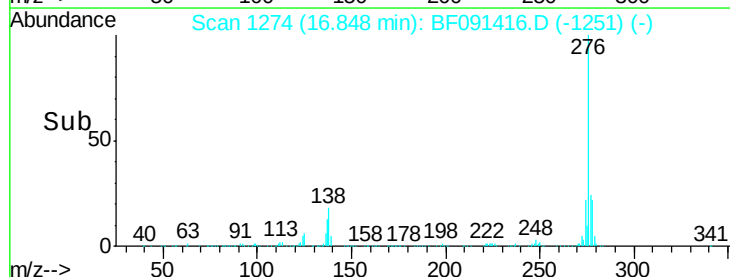
277 24.9 20.2 30.2

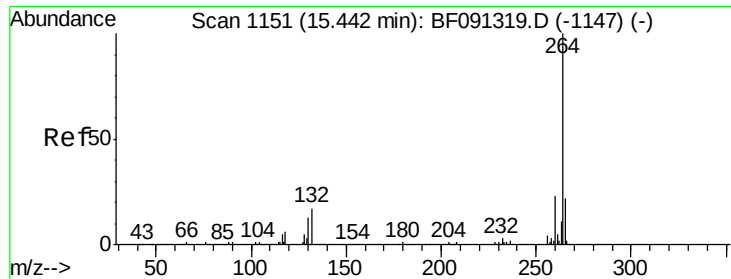


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



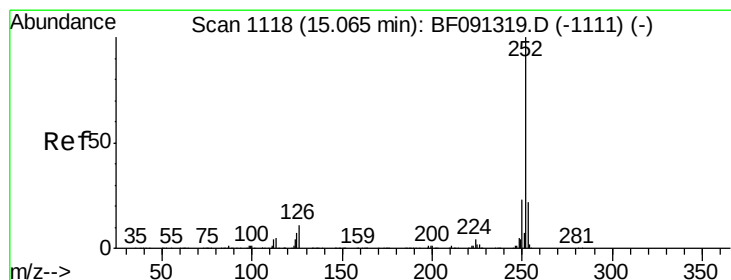
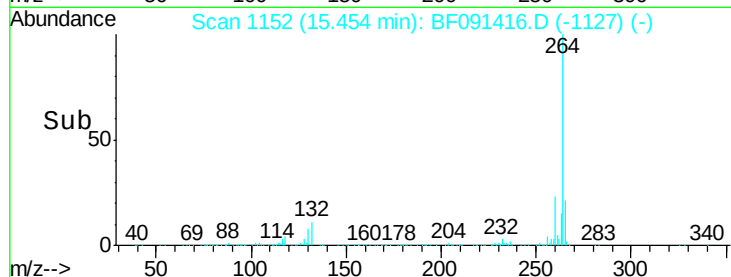
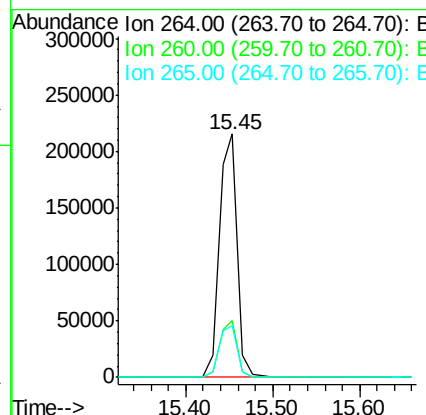
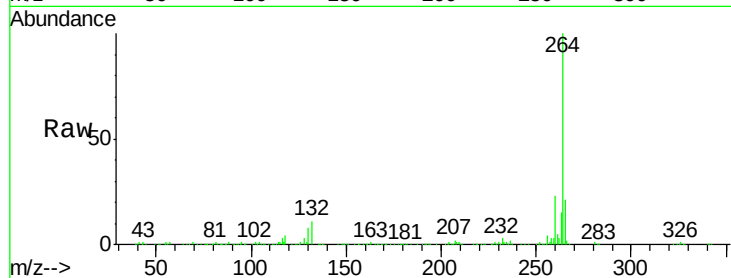


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:264 Resp: 309047

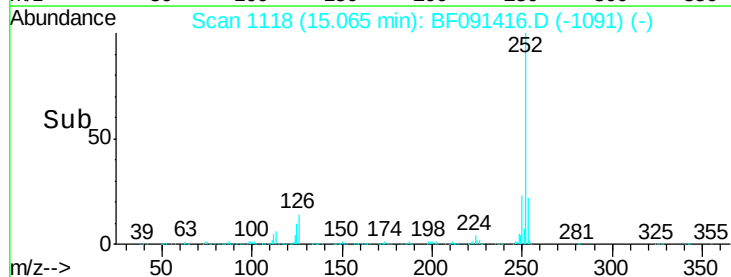
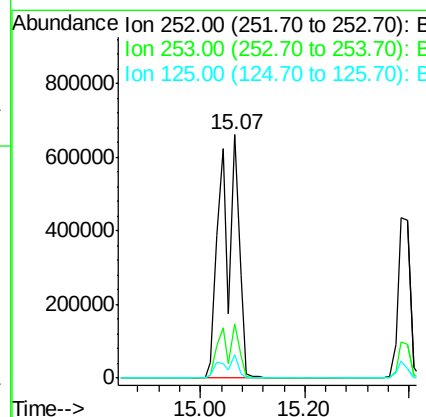
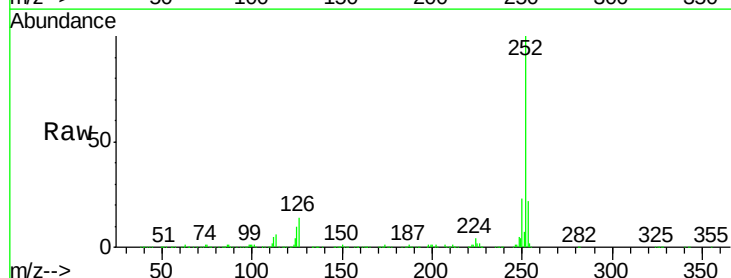
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.2	17.0	25.6

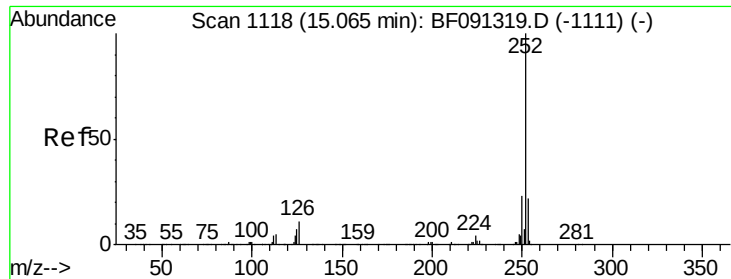


#87
Benzo(b)fluoranthene
Concen: 78.79 ng
RT: 15.07 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion:252 Resp: 1513450

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	9.6	8.6	13.0

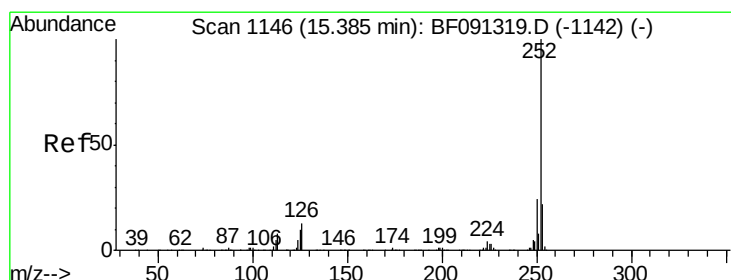
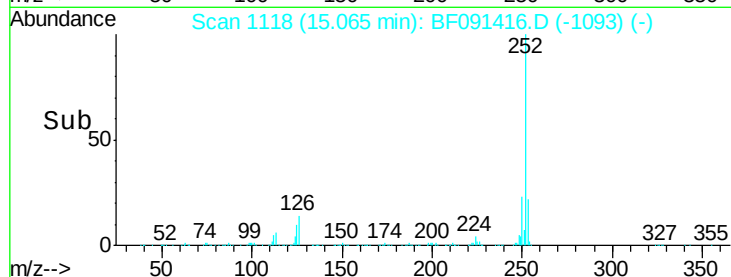
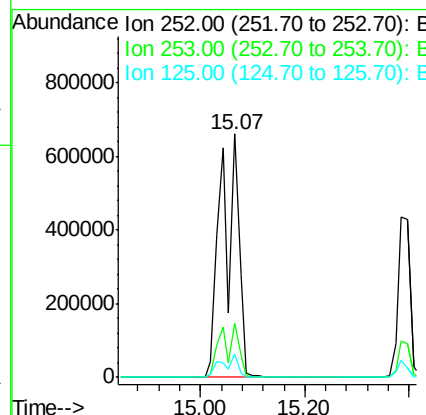
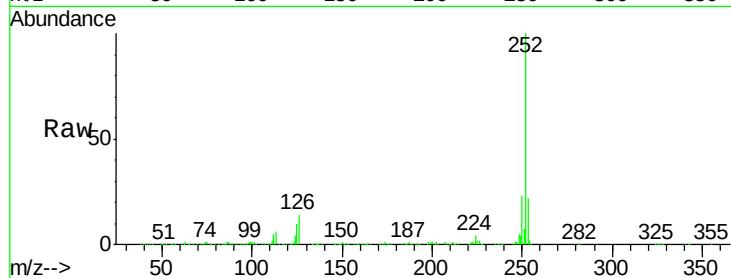




#88
Benzo(k)fluoranthene
Concen: 93.69 ng
RT: 15.07 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

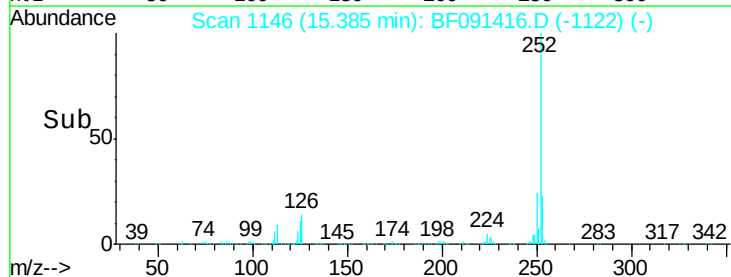
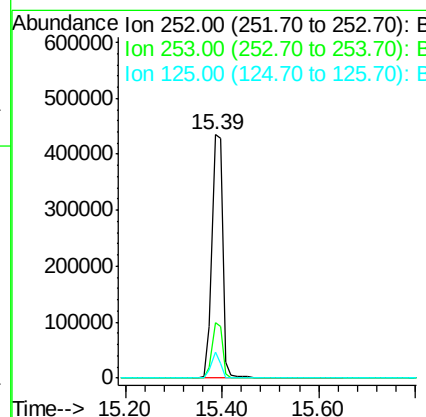
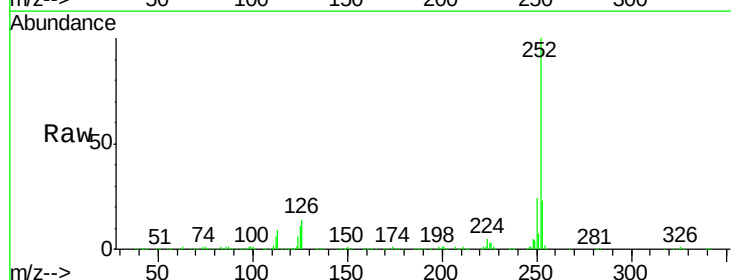
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

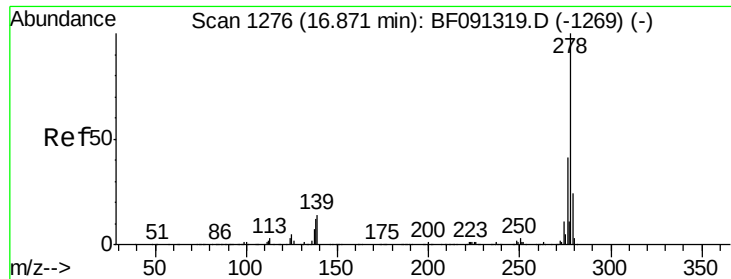
Tgt Ion:252 Resp: 1513450
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.6 9.6 14.4



#89
Benzo(a)pyrene
Concen: 40.46 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion:252 Resp: 697954
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 10.9 10.4 15.6





#90

Dibenzo(a,h)anthracene

Concen: 34.43 ng

RT: 16.87 min Scan# 1276

Delta R.T. -0.04 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

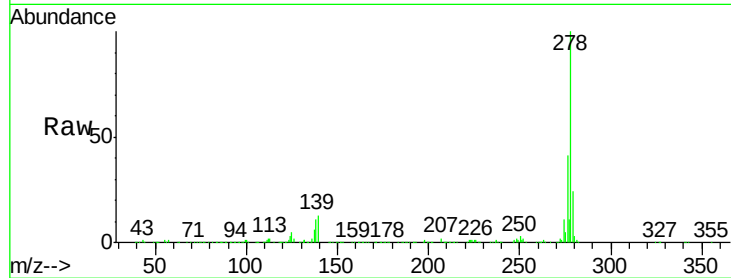
Tgt Ion:278 Resp: 549283

Ion Ratio Lower Upper

278 100

139 12.5 15.1 22.7#

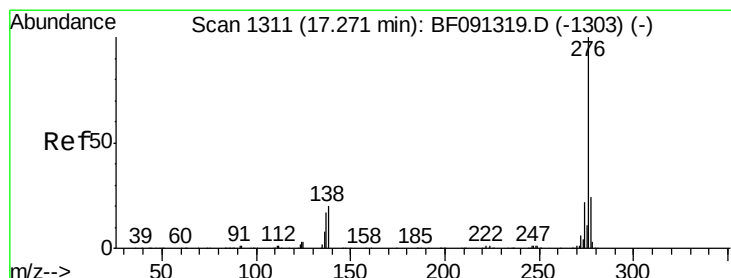
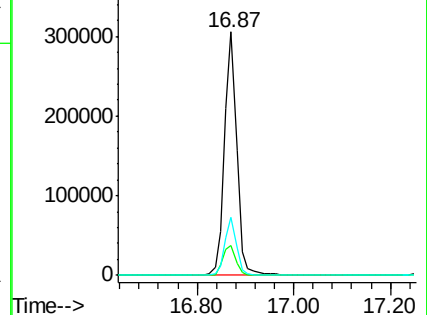
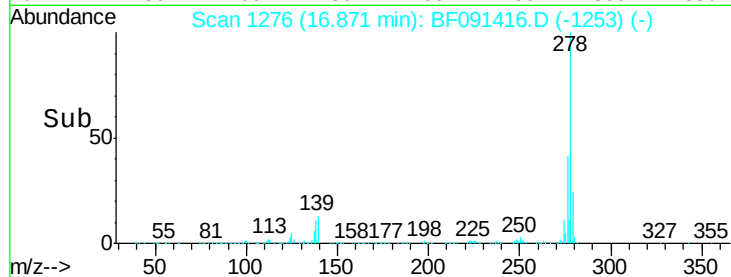
279 23.8 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 30.91 ng

RT: 17.27 min Scan# 1311

Delta R.T. -0.04 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

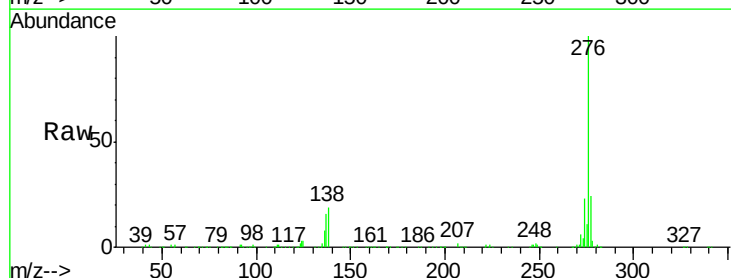
Tgt Ion:276 Resp: 508442

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 18.7 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

