

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092719.D
 Acq On : 1 Feb 2017 22:04
 Operator : SJ/MA
 Sample : I1597-16MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMSD

Quant Time: Feb 02 00:21:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	160854	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	558019	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	293695	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	474444	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	318176	20.00	ng	-0.02
86) Perylene-d12	15.60	264	293881	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1170369	124.83	ng	-0.01
7) Phenol-d6	6.59	99	1552514	128.69	ng	-0.01
23) Nitrobenzene-d5	7.52	82	811476	80.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	274968	129.45	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1509978	93.14	ng	-0.01
78) Terphenyl-d14	13.07	244	1048620	77.44	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	209313	41.32	ng	# 84
3) Pyridine	3.39	79	626469	48.63	ng	# 84
4) n-Nitrosodimethylamine	3.36	42	310915	51.40	ng	85
6) Aniline	6.61	93	447201	27.18	ng	# 64
8) 2-Chlorophenol	6.74	128	475805	46.00	ng	95
9) Benzaldehyde	6.49	77	169971	19.67	ng	87
10) Phenol	6.60	94	593798	42.07	ng	94
11) bis(2-Chloroethyl)ether	6.68	93	483522	42.92	ng	92
12) 1,3-Dichlorobenzene	6.89	146	521133m	43.02	ng	
13) 1,4-Dichlorobenzene	6.97	146	530643	43.28	ng	94
14) 1,2-Dichlorobenzene	7.12	146	428999	36.59	ng	99
15) Benzyl Alcohol	7.09	79	373773	41.85	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	764805	39.08	ng	94
17) 2-Methylphenol	7.21	107	333959	37.63	ng	97
18) Hexachloroethane	7.46	117	152815	36.51	ng	92
19) n-Nitroso-di-n-propylamine	7.37	70	297894	38.79	ng	# 97
20) 3+4-Methylphenols	7.37	107	420194	39.60	ng	# 87
22) Acetophenone	7.36	105	565482	44.38	ng	# 96
24) Nitrobenzene	7.54	77	467044	45.39	ng	# 83
25) Isophorone	7.77	82	812223	43.50	ng	95
26) 2-Nitrophenol	7.85	139	222786	45.55	ng	93
27) 2,4-Dimethylphenol	7.89	122	352777	41.07	ng	97
28) bis(2-Chloroethoxy)methane	7.98	93	495026	40.03	ng	99
29) 2,4-Dichlorophenol	8.10	162	371141	46.33	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	384680	44.56	ng	97
31) Naphthalene	8.26	128	1122859	39.69	ng	99
32) Benzoic acid	7.98	122	74122	20.12	ng	98
33) 4-Chloroaniline	8.30	127	132439	11.94	ng	95
34) Hexachlorobutadiene	8.37	225	189213	39.84	ng	100
35) Caprolactam	8.67	113	111639	44.30	ng	# 33
36) 4-Chloro-3-methylphenol	8.81	107	391918	46.92	ng	92
37) 2-Methylnaphthalene	8.96	142	826620	45.51	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	356746	43.27	ng	99
40) Hexachlorocyclopentadiene	9.10	237	288734	77.63	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	250739	46.29	nq	93
43) 2,4,5-Trichlorophenol	9.28	196	253627	42.73	nq	97
45) 1,1'-Biphenyl	9.42	154	998665	46.96	nq	98
46) 2-Chloronaphthalene	9.45	162	767929	46.16	nq	98
47) 2-Nitroaniline	9.54	65	224836	40.20	nq	95
48) Acenaphthylene	9.86	152	1103688	38.40	nq	99
49) Dimethylphthalate	9.72	163	1023474	51.74	nq	99
50) 2,6-Dinitrotoluene	9.79	165	203183	47.56	nq	# 77
51) Acenaphthene	10.03	154	717952	41.78	nq	97
52) 3-Nitroaniline	9.95	138	108393	22.17	nq	96
53) 2,4-Dinitrophenol	10.06	184	139632	65.18	nq	# 93
54) Dibenzofuran	10.21	168	1024788	44.59	nq	# 87
55) 4-Nitrophenol	10.13	139	306516	87.04	nq	88
56) 2,4-Dinitrotoluene	10.19	165	257949	45.35	nq	90
57) Fluorene	10.56	166	740037	41.85	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	197290	49.83	nq	96
59) Diethylphthalate	10.42	149	790881	42.42	nq	99
60) 4-Chlorophenyl-phenylether	10.54	204	376678	44.34	nq	# 78
61) 4-Nitroaniline	10.58	138	214828	42.90	nq	80
62) Azobenzene	10.70	77	908145	47.15	nq	91
64) 4,6-Dinitro-2-methylphenol	10.60	198	125478	43.70	nq	93
65) n-Nitrosodiphenylamine	10.66	169	632216	41.71	nq	100
66) 4-Bromophenyl-phenylether	11.04	248	220478	44.48	nq	# 79
67) Hexachlorobenzene	11.09	284	201684	41.17	nq	# 76
68) Atrazine	11.18	200	198984	40.91	nq	100
69) Pentachlorophenol	11.30	266	210284	82.88	nq	98
70) Phenanthrene	11.52	178	1164590	42.84	nq	98
71) Anthracene	11.56	178	1077062	39.46	nq	98
72) Carbazole	11.72	167	999563	38.31	nq	99
73) Di-n-butylphthalate	12.04	149	1181279	41.86	nq	98
74) Fluoranthene	12.70	202	1110462	39.61	nq	91
76) Benzidine	12.82	184	210269	15.51	nq	98
77) Pyrene	12.93	202	1113854	46.78	nq	98
79) Butylbenzylphthalate	13.54	149	446699	46.20	nq	99
80) Benzo(a)anthracene	14.11	228	793001	40.75	nq	100
81) 3,3'-Dichlorobenzidine	14.08	252	193579	27.91	nq	# 95
82) Chrysene	14.16	228	753789	41.37	nq	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	619126	46.82	nq	# 97
84) Di-n-octyl phthalate	14.71	149	937692	43.55	nq	99
85) Indeno(1,2,3-cd)pyrene	17.07	276	828407	58.70	nq	# 94
87) Benzo(b)fluoranthene	15.16	252	708611m	36.63	nq	
88) Benzo(k)fluoranthene	15.20	252	736218m	44.08	nq	
89) Benzo(a)pyrene	15.53	252	713236	42.63	nq	97
90) Dibenzo(a,h)anthracene	17.08	278	695299	51.42	nq	96
91) Benzo(g,h,i)perylene	17.52	276	771834	56.50	nq	# 92

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

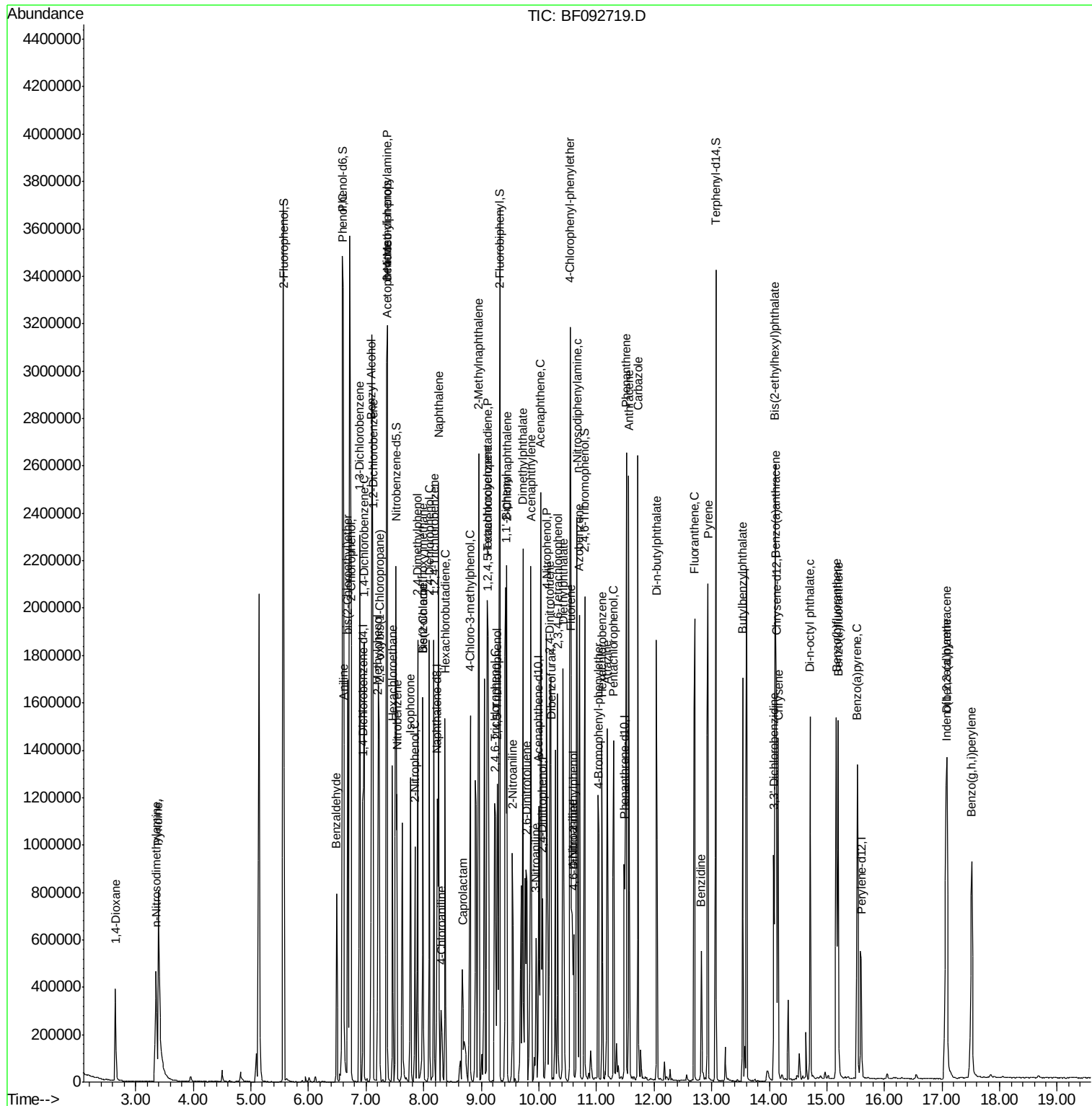
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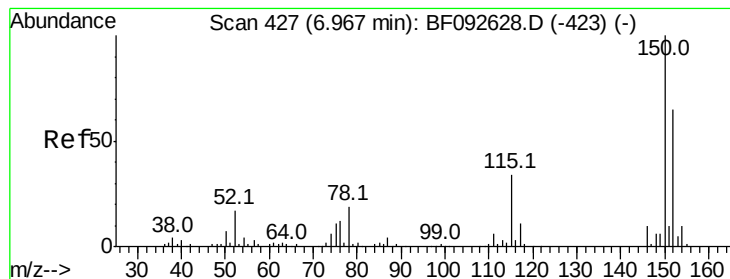
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMSD

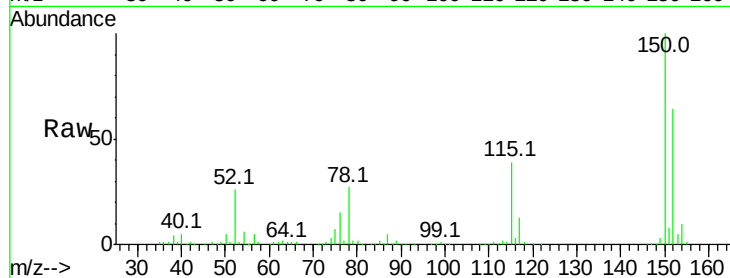
Tot Ion:152 Resp: 160854

Ion Ratio Lower Upper

152 100

150 156.4 124.9 187.3

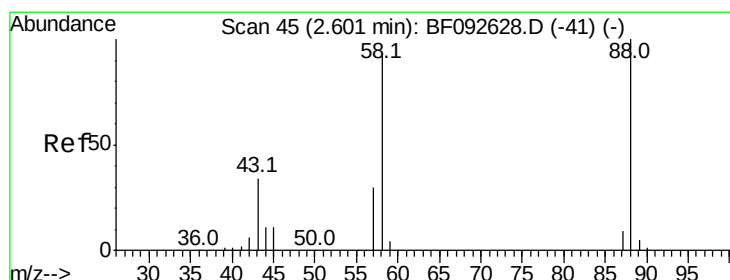
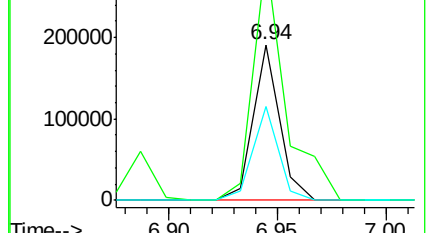
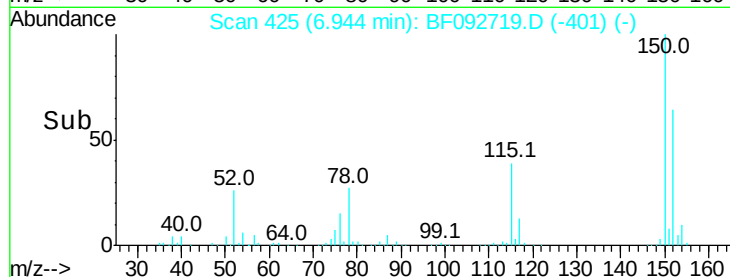
115 60.6 46.0 69.0



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: 41.32 ng

RT: 2.65 min Scan# 49

Delta R.T. 0.05 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

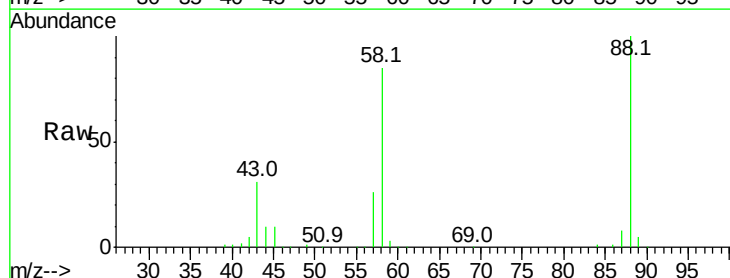
Tgt Ion: 88 Resp: 209313

Ion Ratio Lower Upper

88 100

58 86.6 57.8 86.8

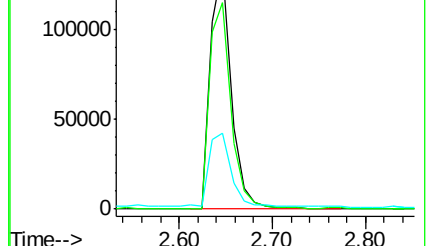
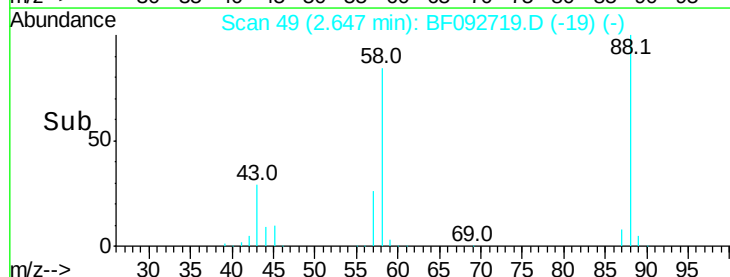
43 34.6 22.3 33.5#

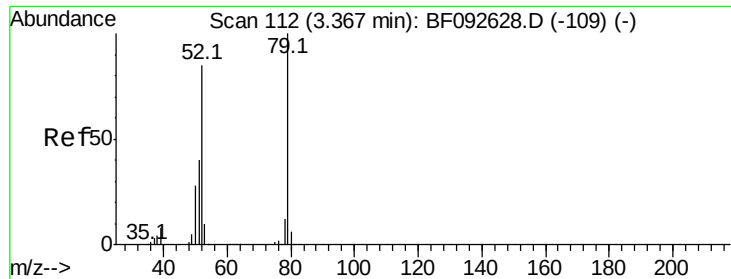


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 48.63 ng

RT: 3.39 min Scan# 114

Delta R.T. 0.02 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMSD

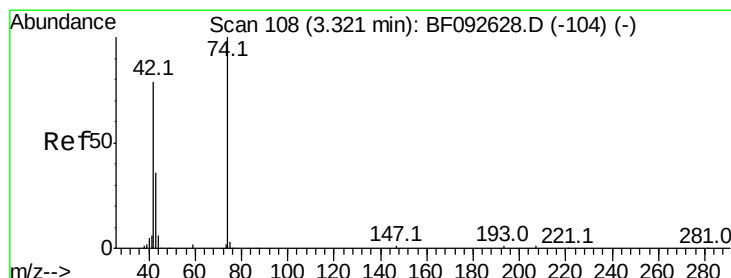
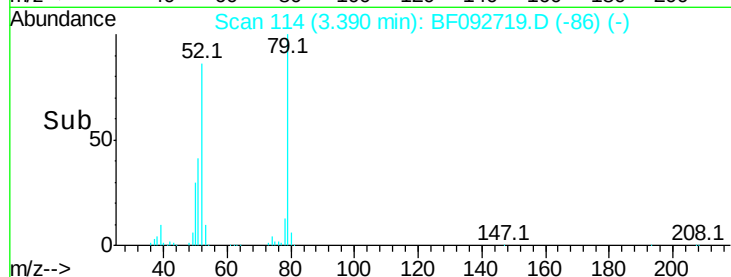
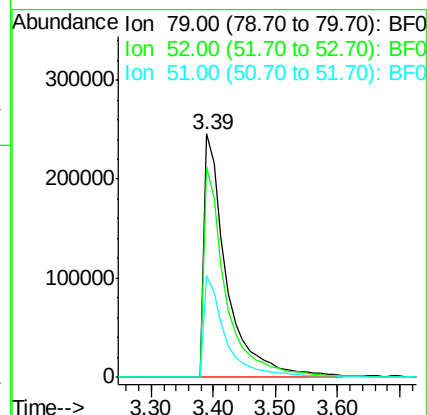
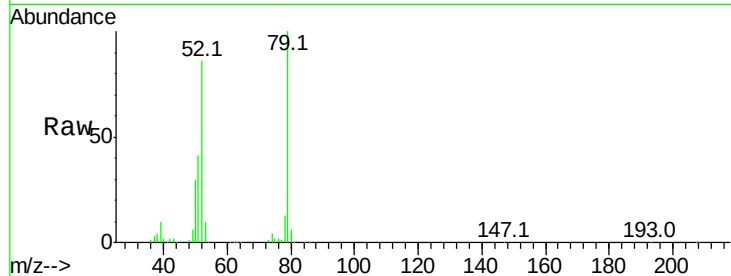
Tot Ion: 79 Resp: 626469

Ion Ratio Lower Upper

79 100

52 86.2 57.1 85.7#

51 41.5 27.3 40.9#



#4

n-Nitrosodimethylamine

Concen: 51.40 ng

RT: 3.36 min Scan# 111

Delta R.T. 0.03 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

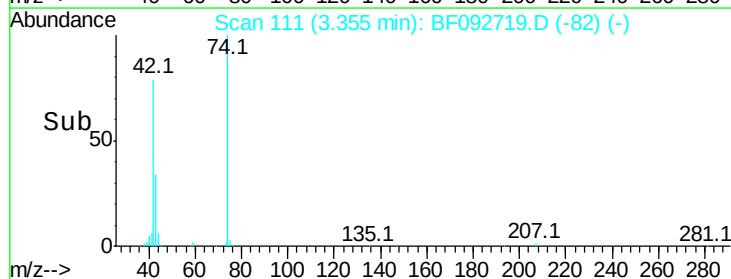
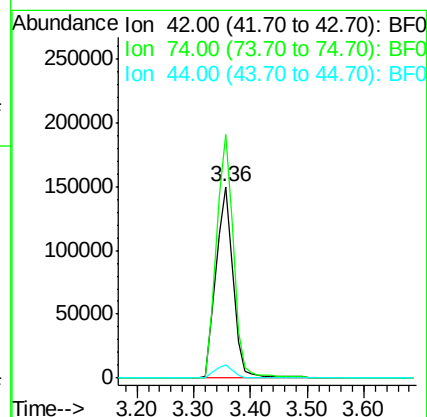
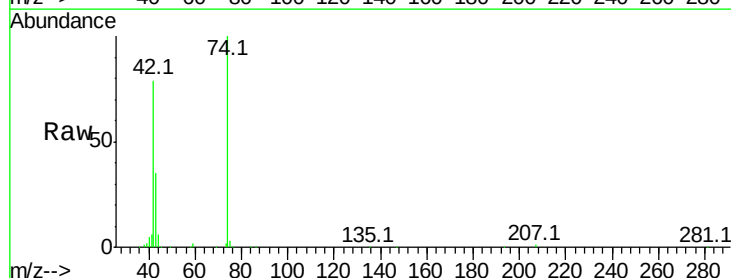
Tgt Ion: 42 Resp: 310915

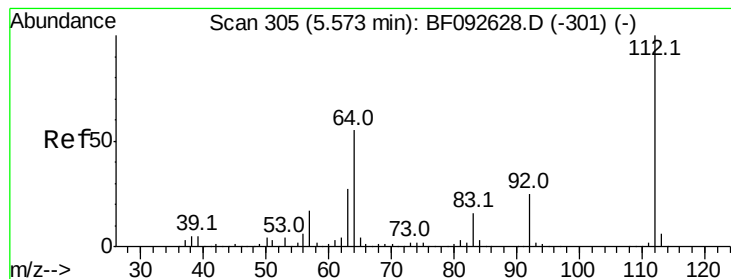
Ion Ratio Lower Upper

42 100

74 127.1 117.0 175.4

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 124.83 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMSD

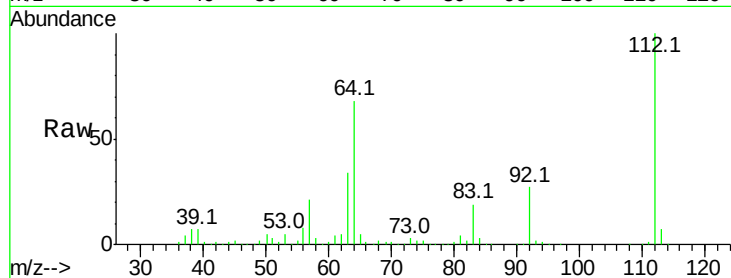
Tot Ion:112 Resp: 1170369

Ion Ratio Lower Upper

112 100

64 68.3 46.1 69.1

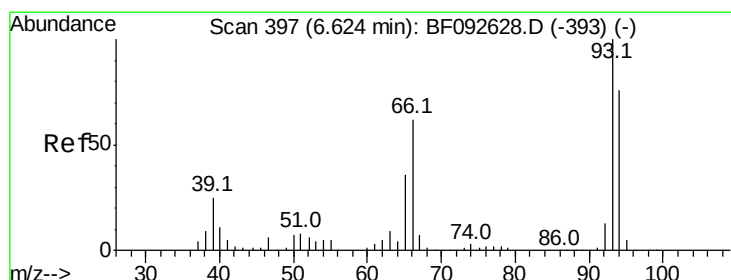
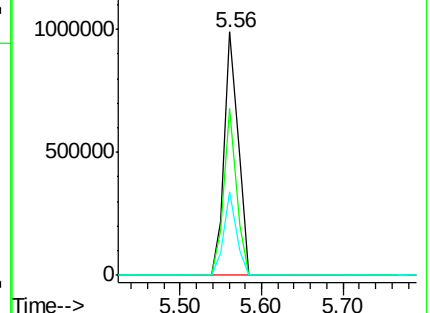
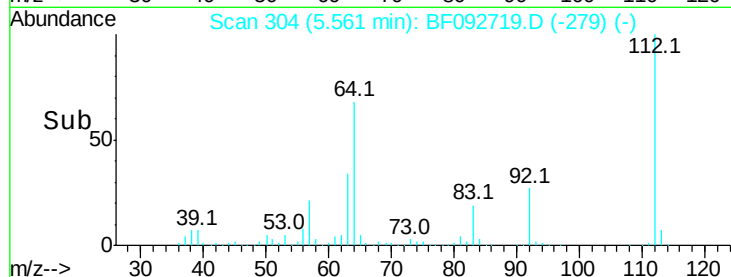
63 34.3 23.8 35.6



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: 27.18 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

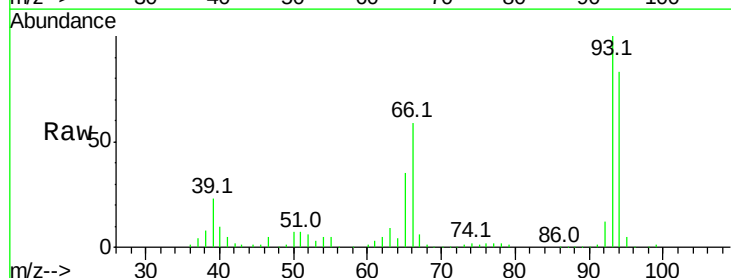
Tgt Ion: 93 Resp: 447201

Ion Ratio Lower Upper

93 100

66 59.1 76.2 114.2#

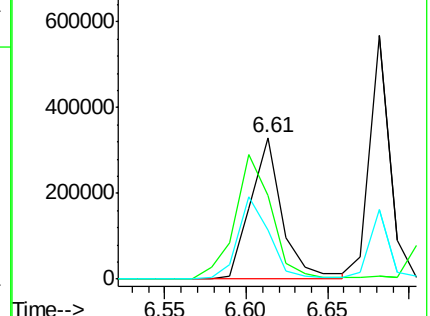
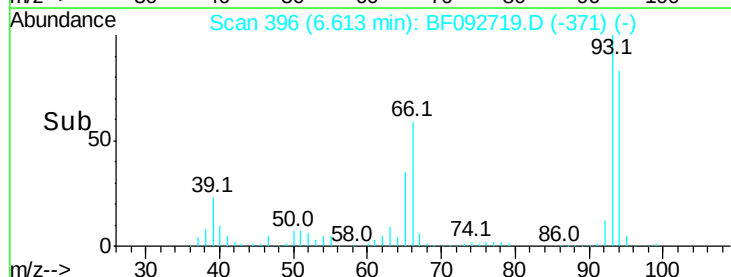
65 34.6 49.3 73.9#

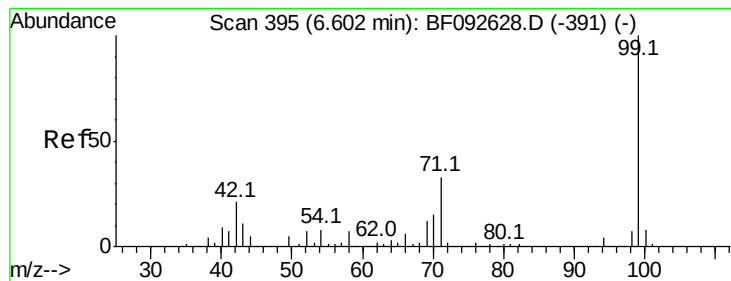


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.69 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Instrument :

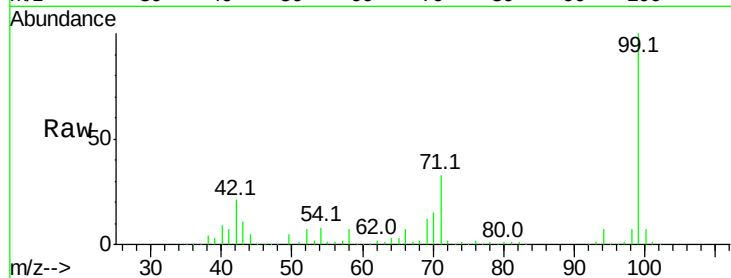
BNA_F

ClientSampleId :

SB-33-COMPMSD

Tot Ion: 99 Resp: 1552514

Ion	Ratio	Lower	Upper
99	100		
42	21.0	15.6	23.4
71	32.7	27.5	41.3

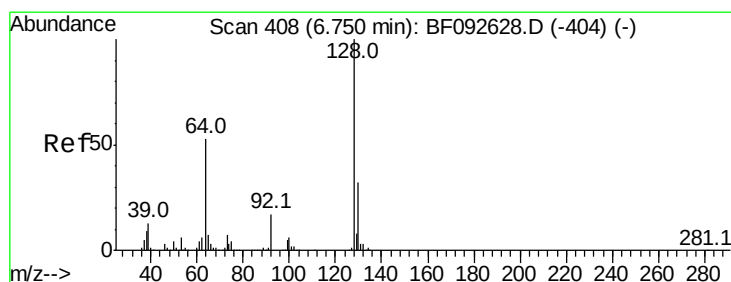
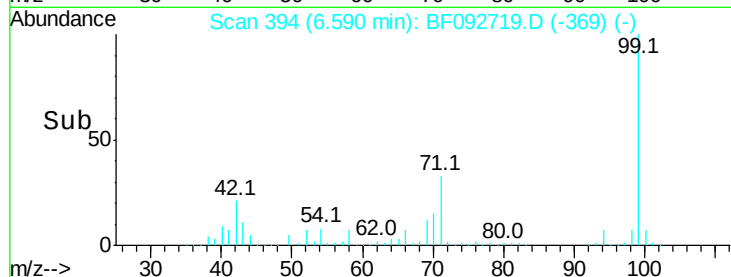
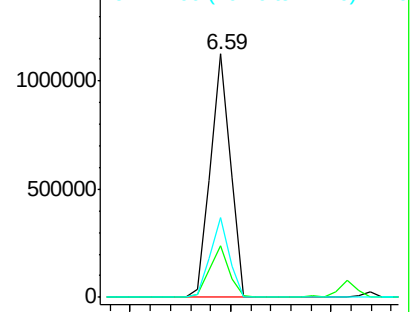


Abundance

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: 46.00 ng

RT: 6.74 min Scan# 407

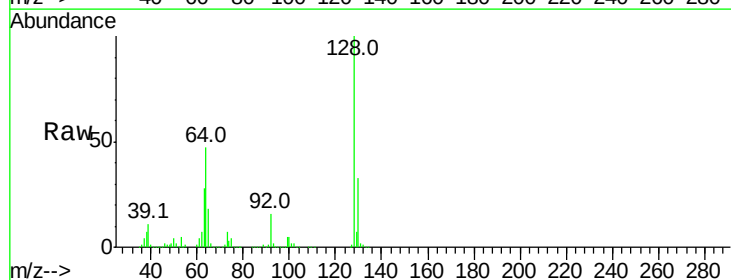
Delta R.T. -0.01 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Tgt Ion:128 Resp: 475805

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.3	52.3
64	47.2	32.2	72.2

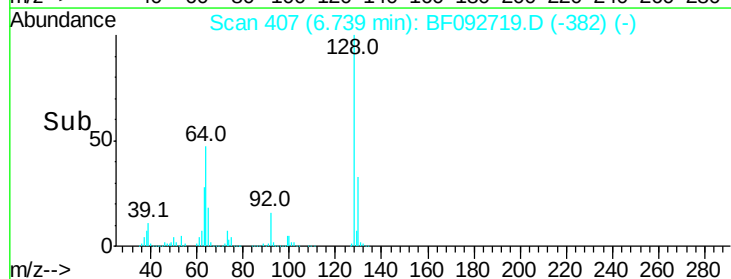
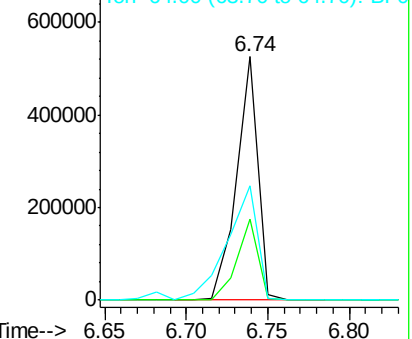


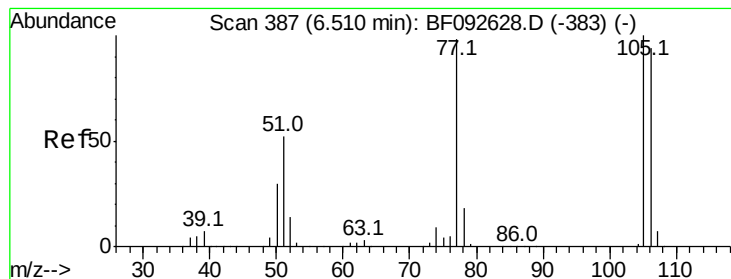
Abundance

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: 19.67 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Instrument :

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ClientSampleId :

SB-33-COMPMSD

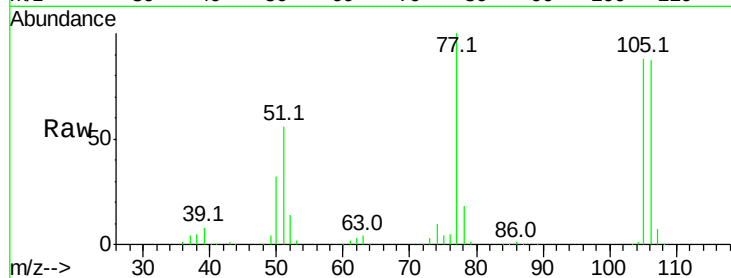
Tot Ion: 77 Resp: 169971

Ion Ratio Lower Upper

77 100

105 88.1 83.9 123.9

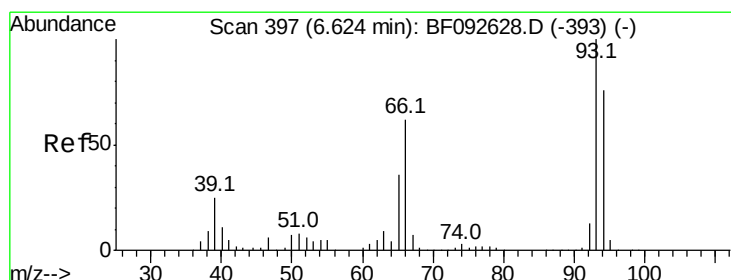
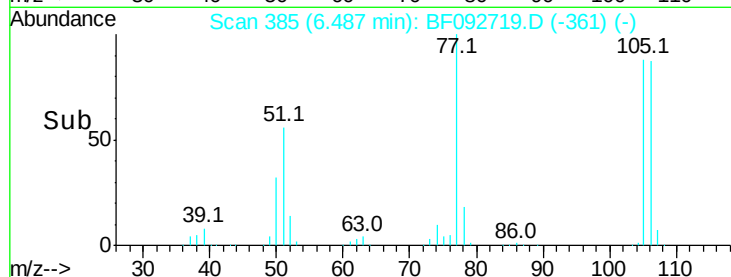
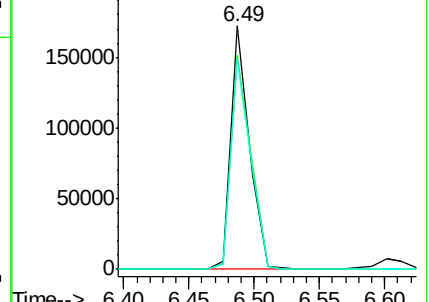
106 86.5 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.07 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

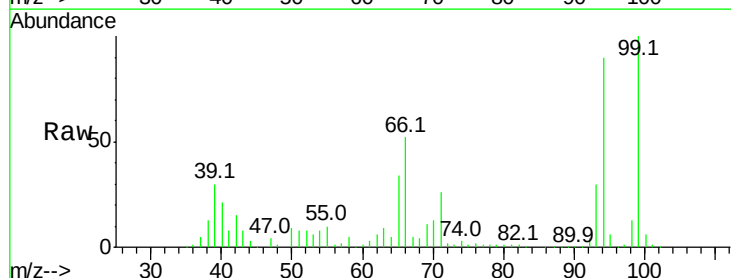
Tgt Ion: 94 Resp: 593798

Ion Ratio Lower Upper

94 100

65 38.2 21.4 61.4

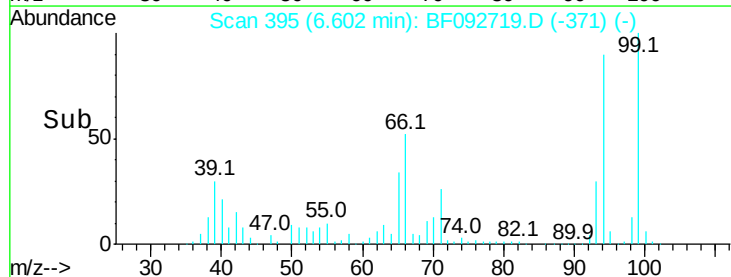
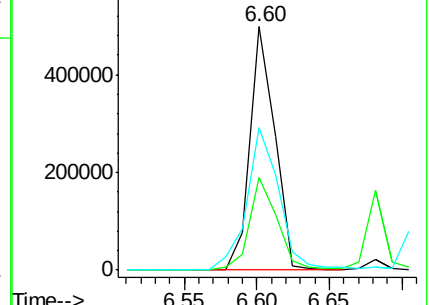
66 58.3 44.0 84.0

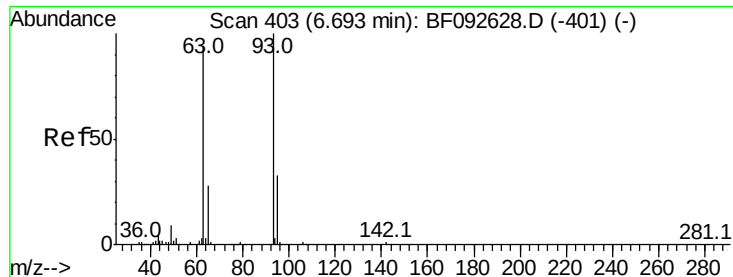


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.92 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMSD

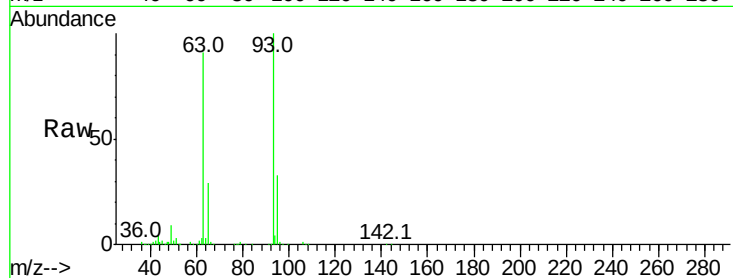
Tot Ion: 93 Resp: 483522

Ion Ratio Lower Upper

93 100

63 90.6 60.4 100.4

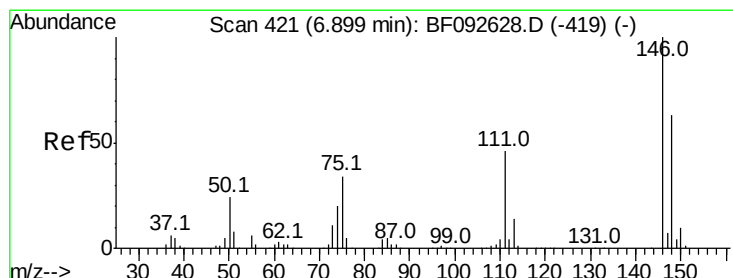
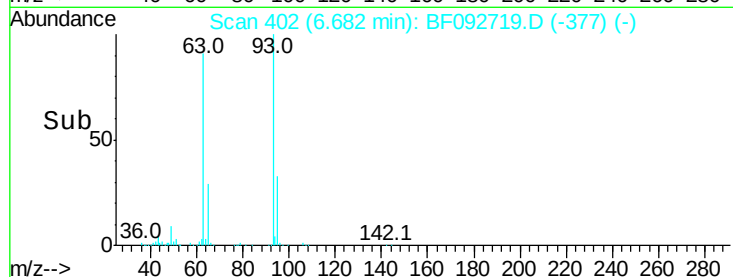
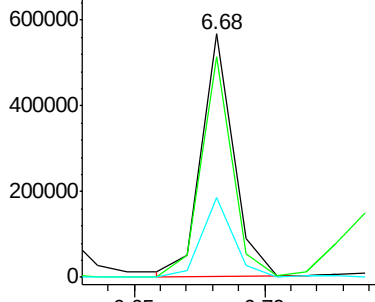
95 32.6 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 43.02 ng m

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

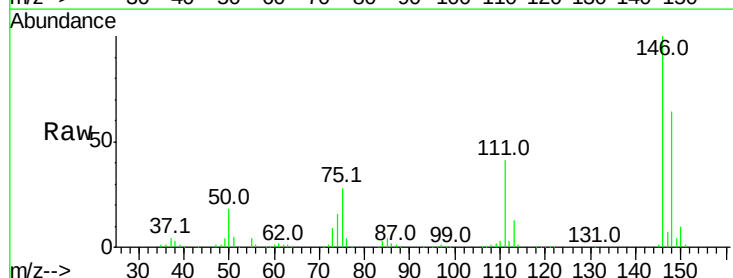
Tgt Ion: 146 Resp: 521133

Ion Ratio Lower Upper

146 100

148 63.8 53.4 80.0

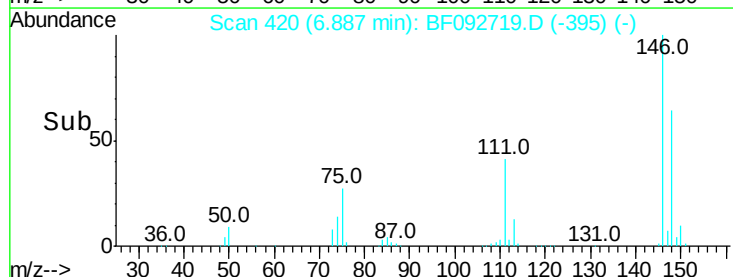
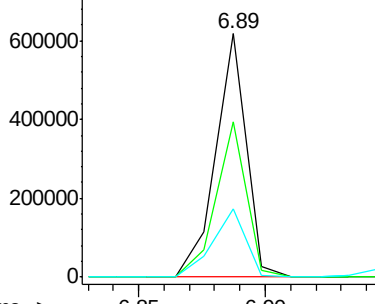
75 28.0 18.5 27.7#

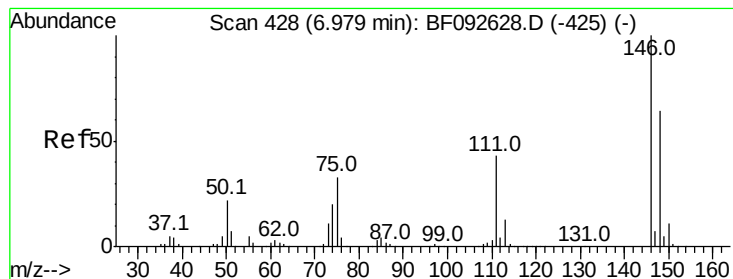


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 43.28 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMSD

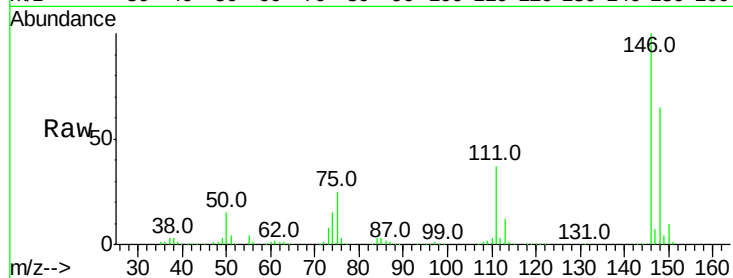
Tot Ion:146 Resp: 530643

Ion Ratio Lower Upper

146 100

148 64.7 50.6 76.0

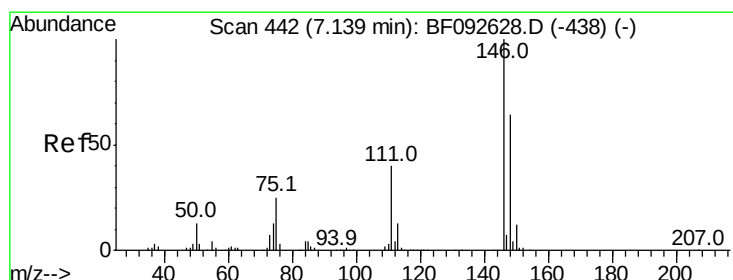
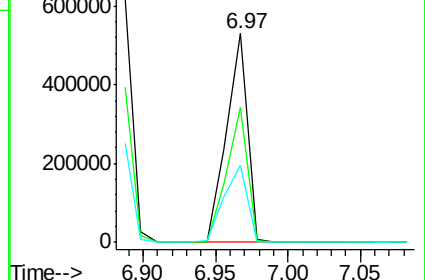
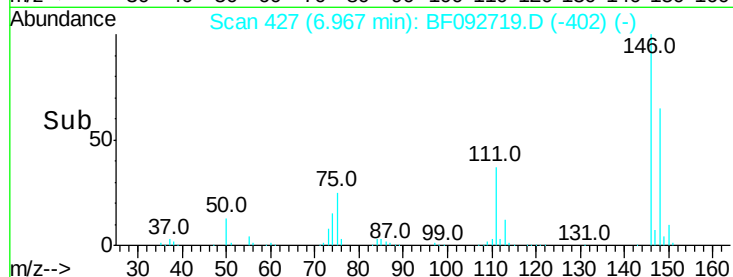
111 36.9 36.2 54.4



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: 36.59 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

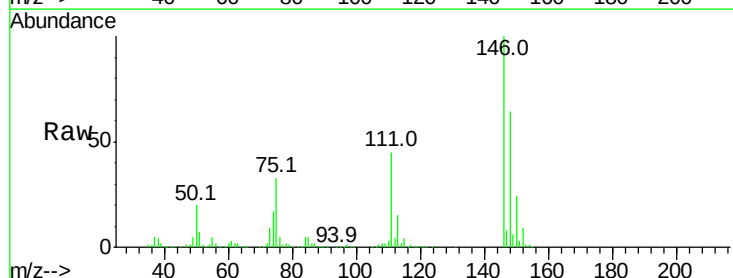
Tgt Ion:146 Resp: 428999

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

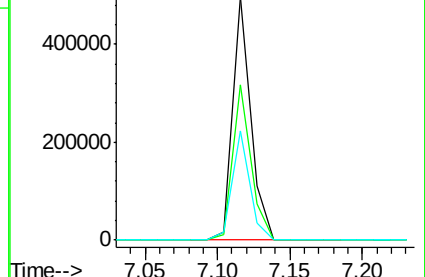
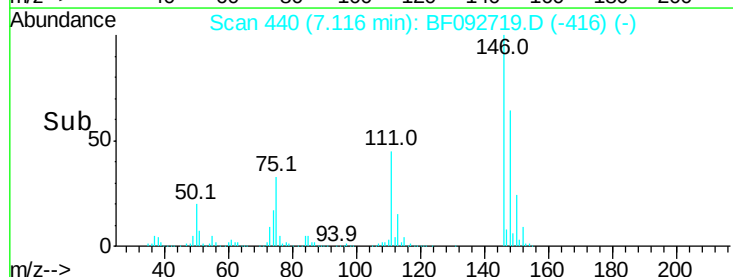
111 45.0 36.2 54.2

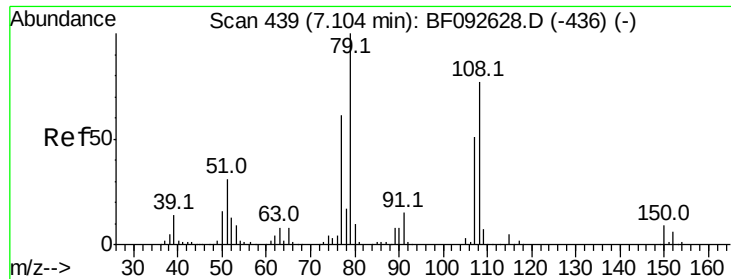


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

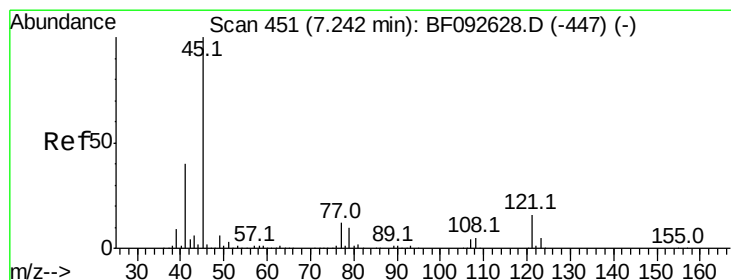
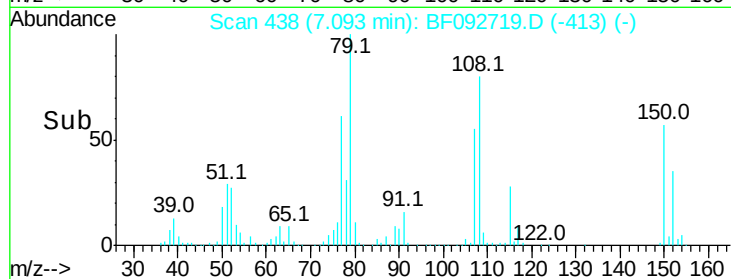
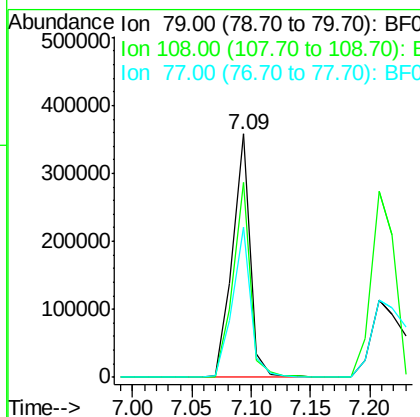
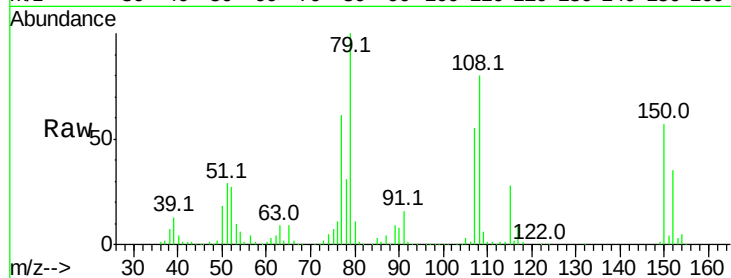




#15
Benzyl Alcohol
Concen: 41.85 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

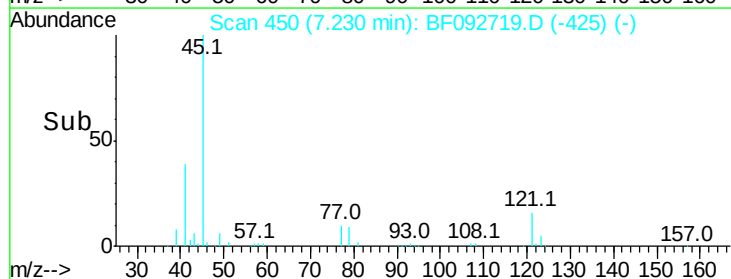
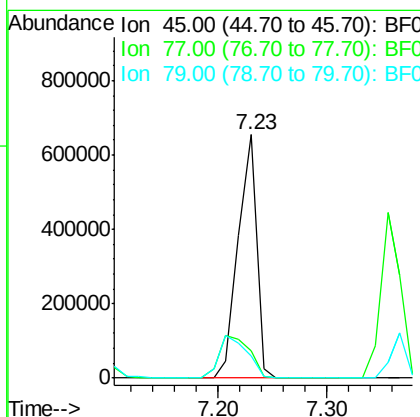
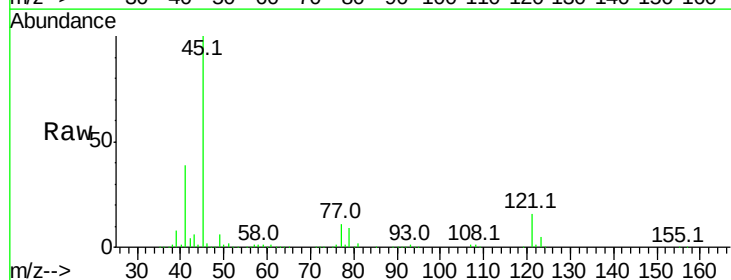
Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMSD

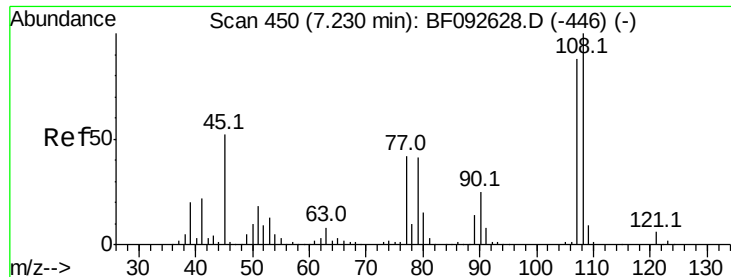
Tot Ion: 79 Resp: 373773
Ion Ratio Lower Upper
79 100
108 79.9 61.4 92.0
77 61.4 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.08 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

Tgt Ion: 45 Resp: 764805
Ion Ratio Lower Upper
45 100
77 11.4 0.0 34.6
79 9.4 0.0 31.2

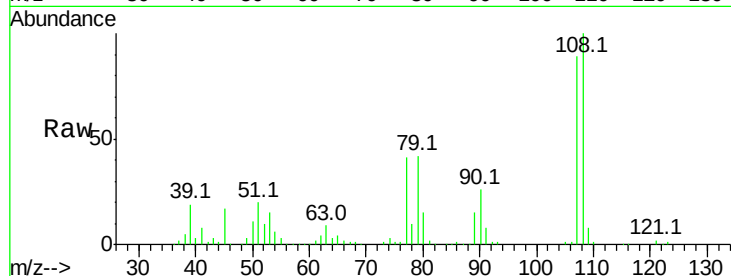




#17
2-Methylphenol
Concen: 37.63 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMSD

Tot Ion:	107	Resp:	333959
Ion	Ratio	Lower	Upper
107	100		
108	112.6	93.0	139.6
77	46.7	39.8	59.8
79	46.9	38.0	57.0



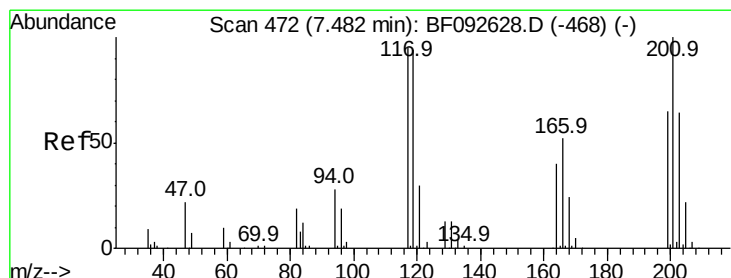
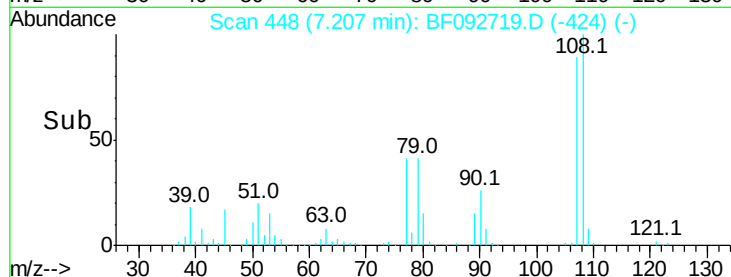
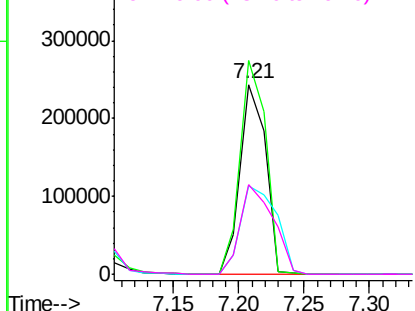
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

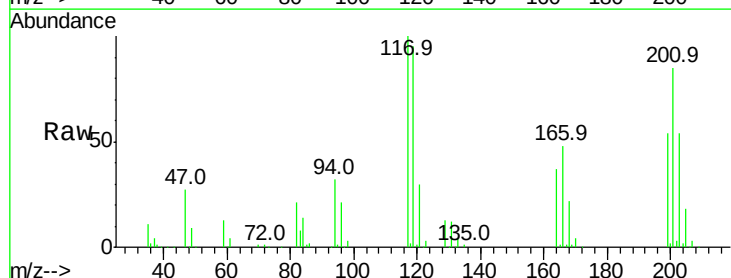
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 36.51 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

Tgt Ion:	117	Resp:	152815
Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.1	117.1
201	85.1	78.6	117.8

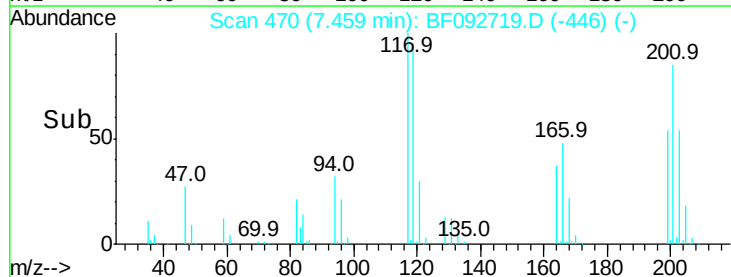
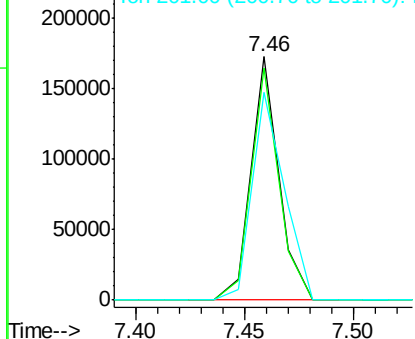


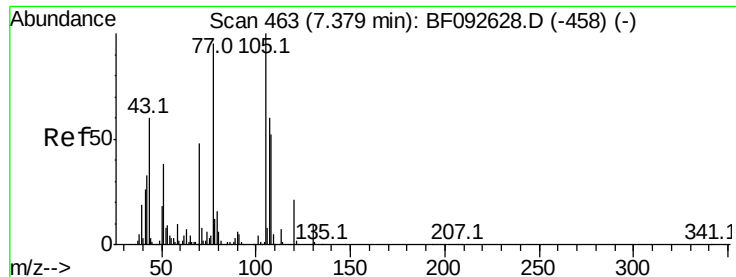
Abundance

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

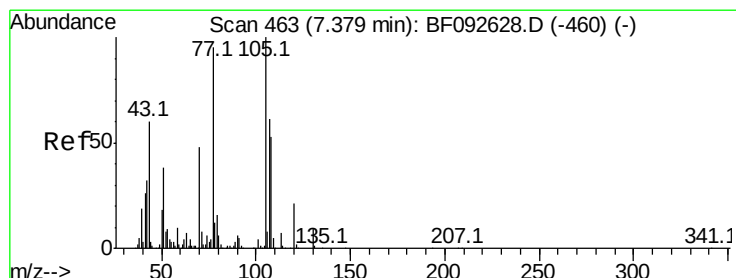
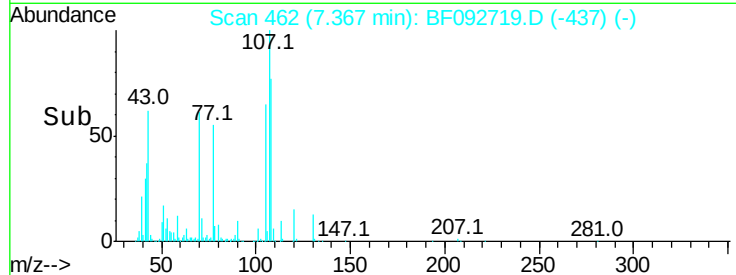
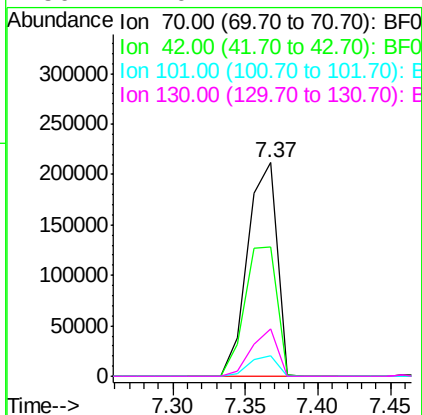
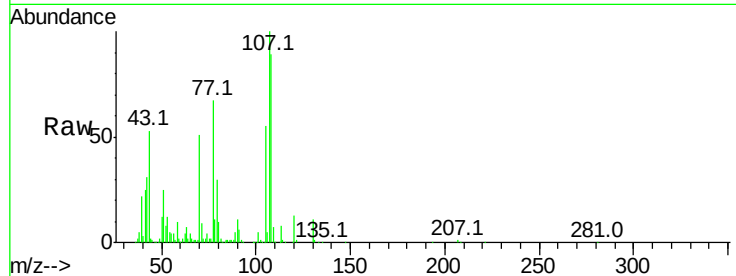




#19
n-Nitroso-di-n-propylamine
Concen: 38.79 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

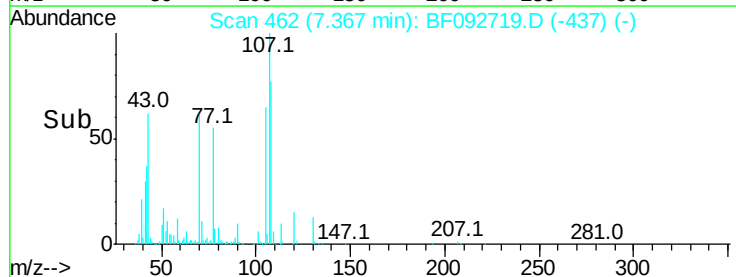
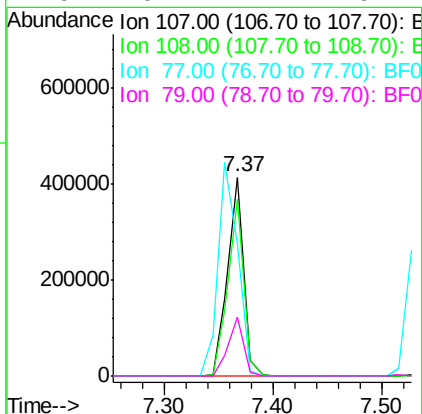
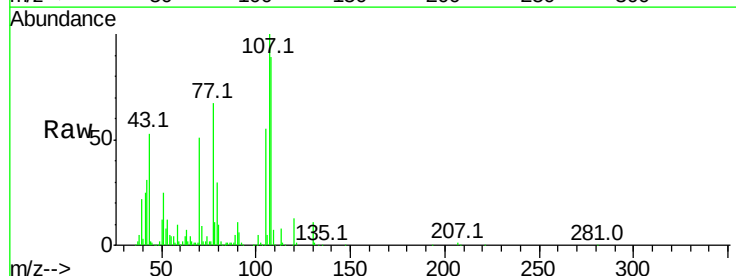
Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMSD

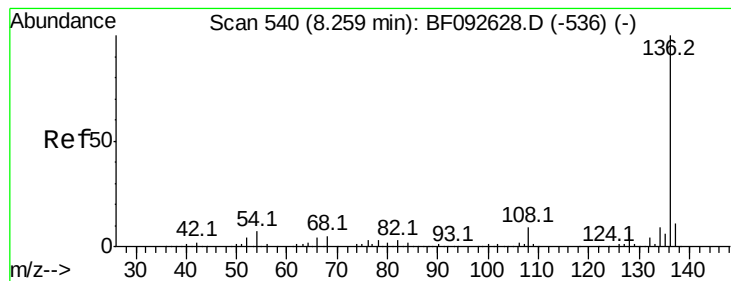
Tot Ion	Ratio	Lower	Upper
70	100		
42	60.6	49.4	74.0
101	9.6	7.4	11.2
130	22.0	14.2	21.4



#20
3+4-Methylphenols
Concen: 39.60 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	73.0	113.0
77	66.5	71.3	111.3
79	29.7	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMSD

Tot Ion:136 Resp: 558019

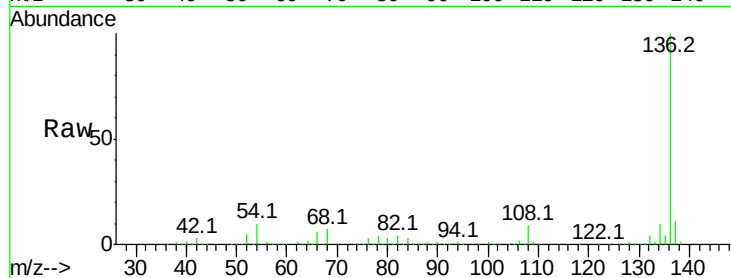
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 10.2 4.5 6.7#

68 7.0 3.6 5.4#

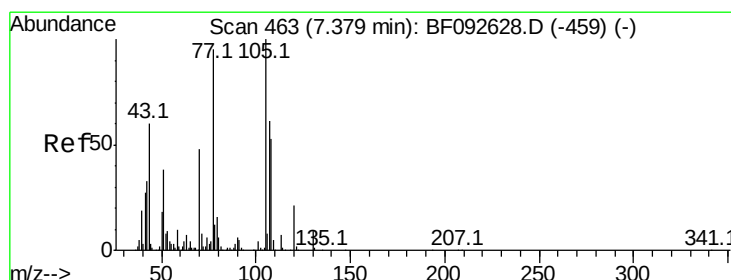
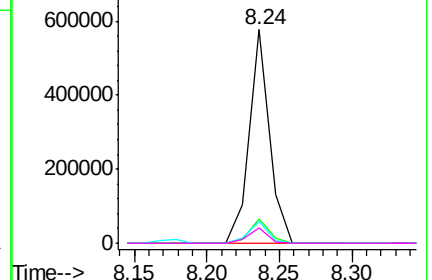
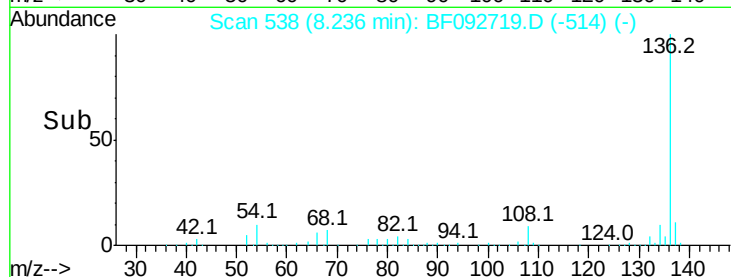


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.38 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Tgt Ion:105 Resp: 565482

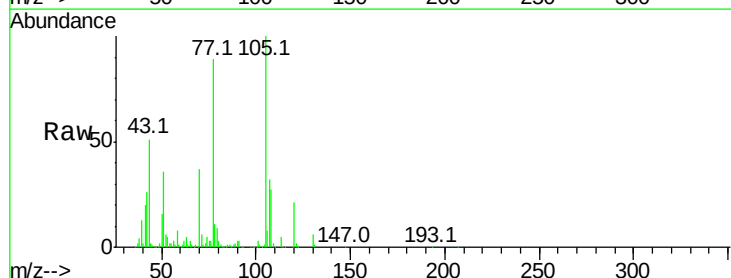
Ion Ratio Lower Upper

105 100

71 6.2 3.2 4.8#

51 36.2 26.2 39.4

120 21.0 16.6 24.8

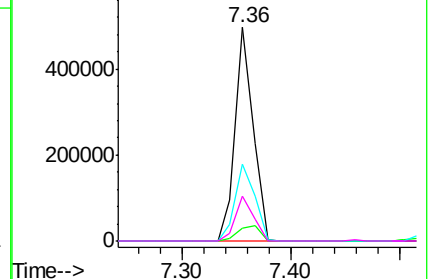
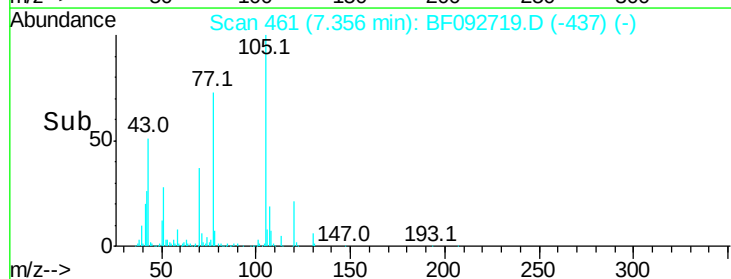


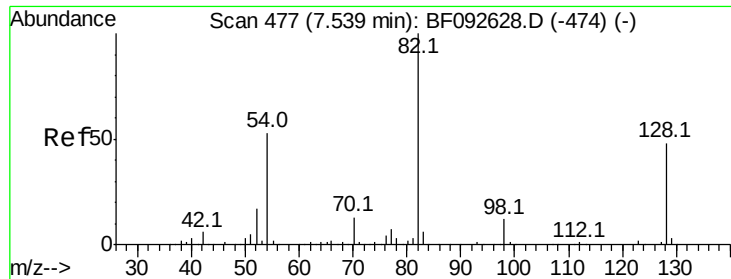
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

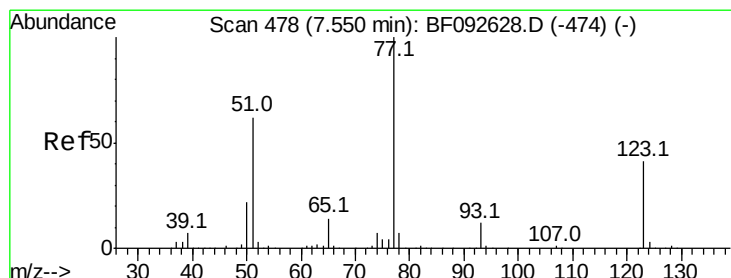
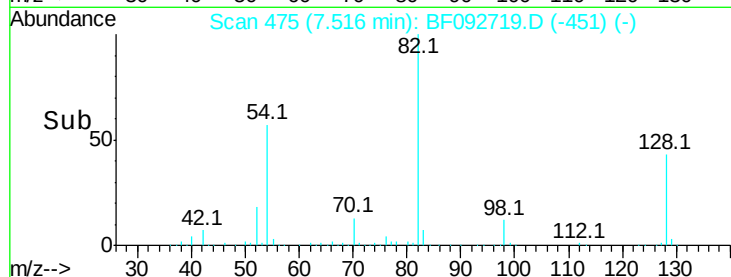
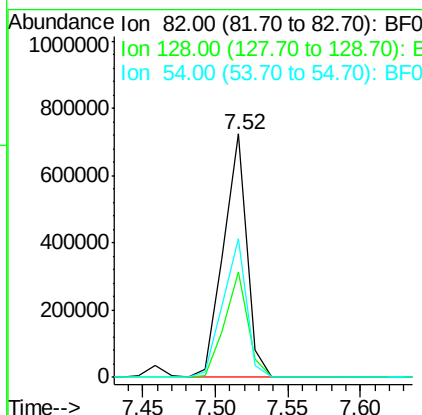
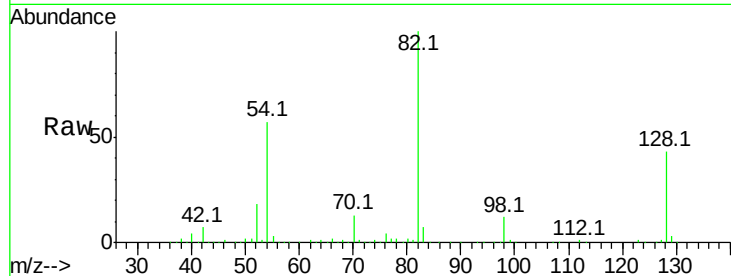




#23
 Nitrobenzene-d5
 Concen: 80.98 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

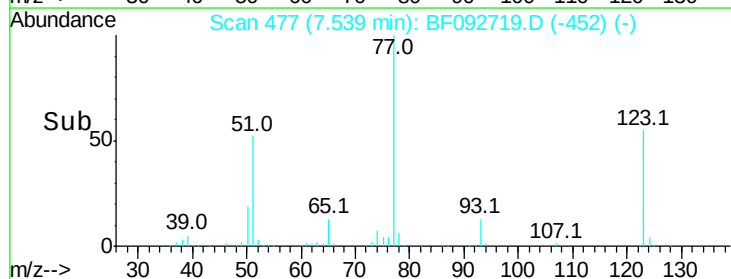
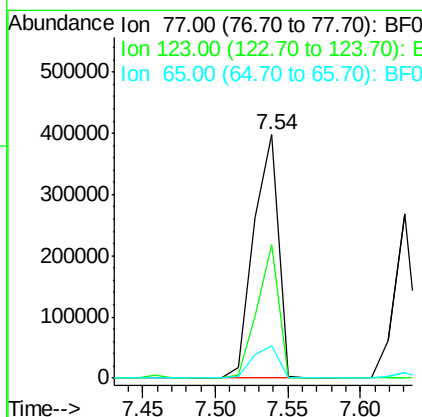
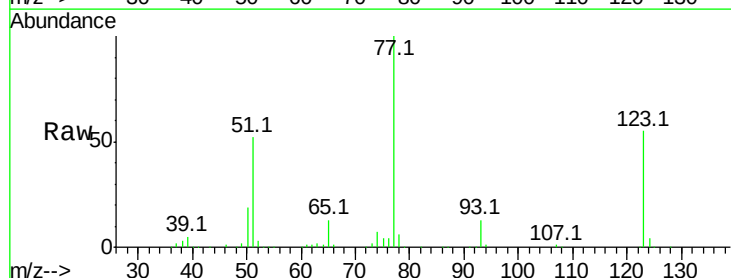
Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMSD

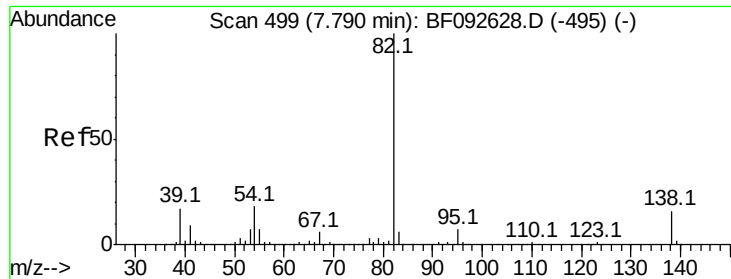
Tot Ion	82	Resp	811476
Ion Ratio	100	Lower	Upper
128	43.2	34.6	52.0
54	56.9	39.5	59.3



#24
 Nitrobenzene
 Concen: 45.39 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

Tgt Ion	77	Resp	467044
Ion Ratio	100	Lower	Upper
123	54.7	33.0	49.4#
65	13.1	11.2	16.8





#25

Isophorone

Concen: 43.50 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMSD

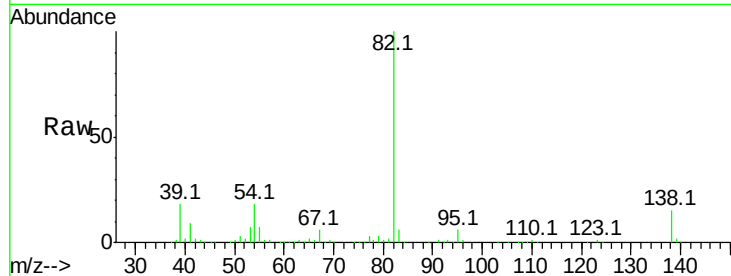
Tot Ion: 82 Resp: 812223

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

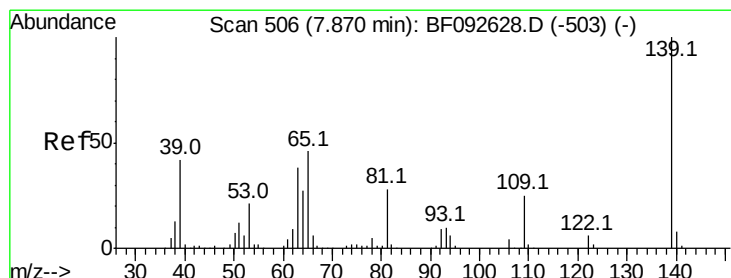
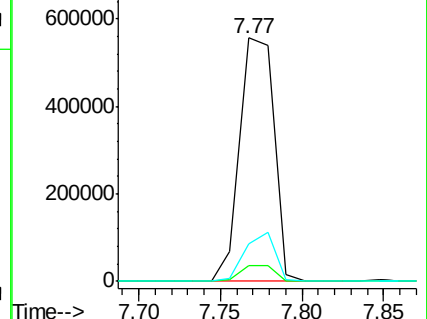
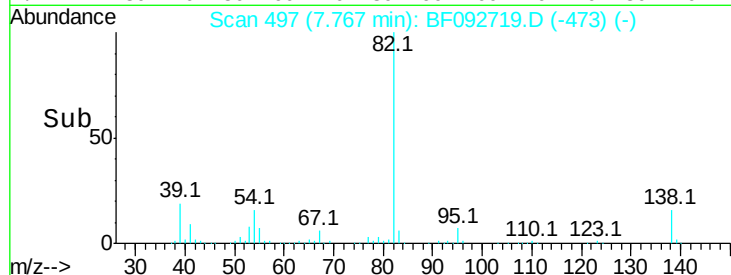
138 15.4 14.6 22.0



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: 45.55 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

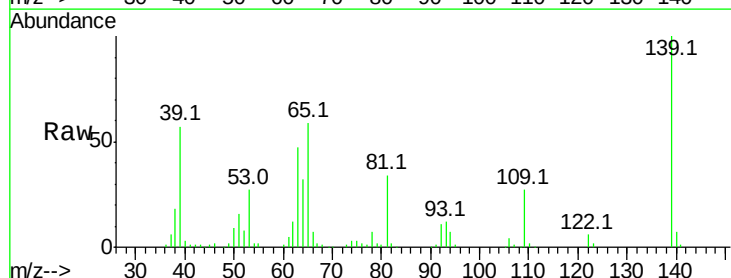
Tgt Ion: 139 Resp: 222786

Ion Ratio Lower Upper

139 100

109 26.9 23.3 34.9

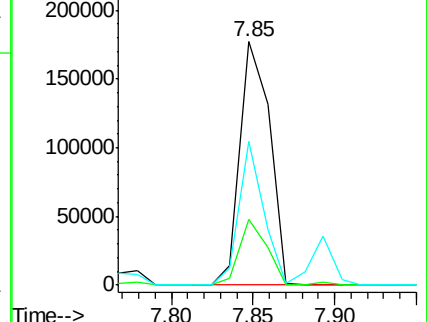
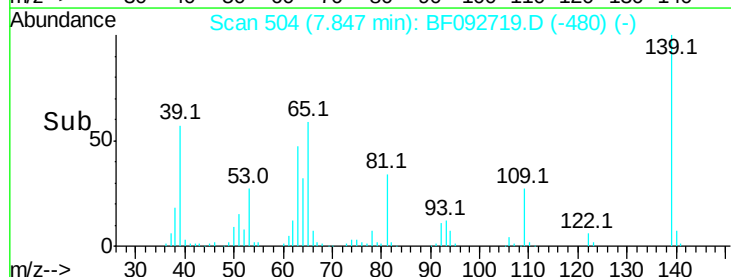
65 59.0 42.7 64.1

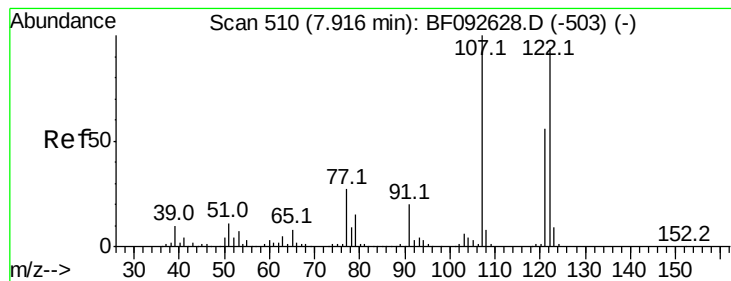


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.07 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMSD

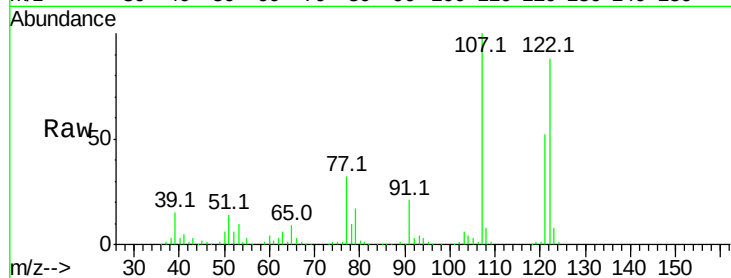
Tot Ion:122 Resp: 352777

Ion Ratio Lower Upper

122 100

107 114.2 94.1 141.1

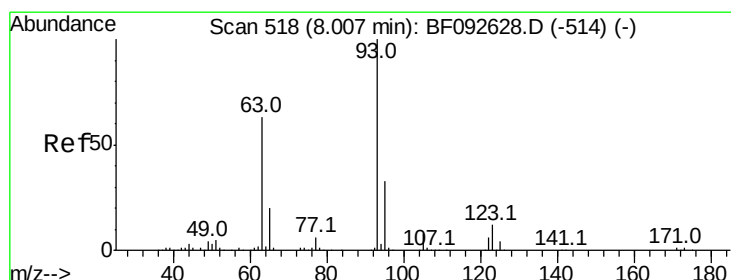
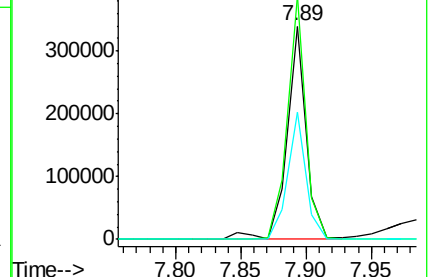
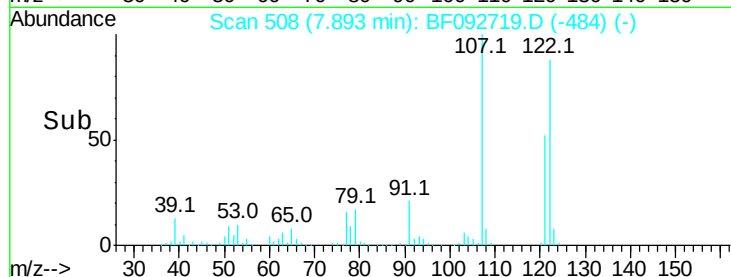
121 59.4 46.0 69.0



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: 40.03 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

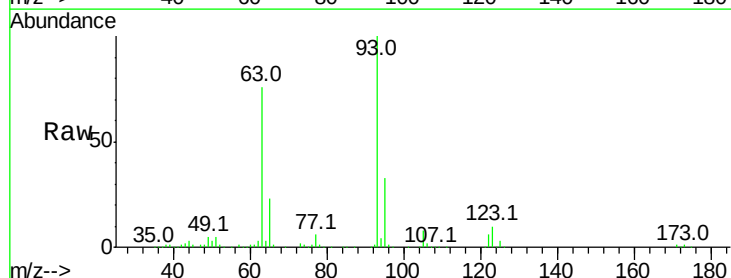
Tgt Ion: 93 Resp: 495026

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

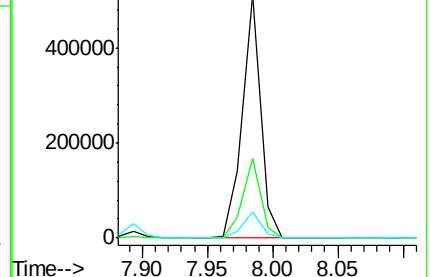
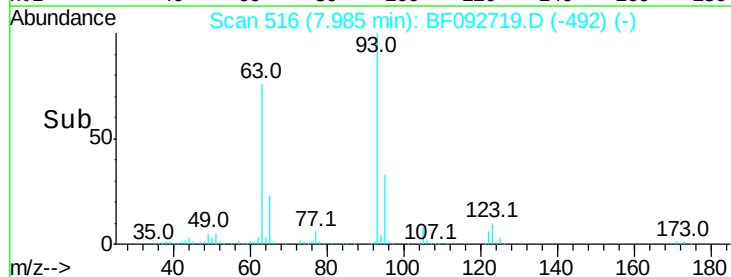
123 10.5 8.6 13.0

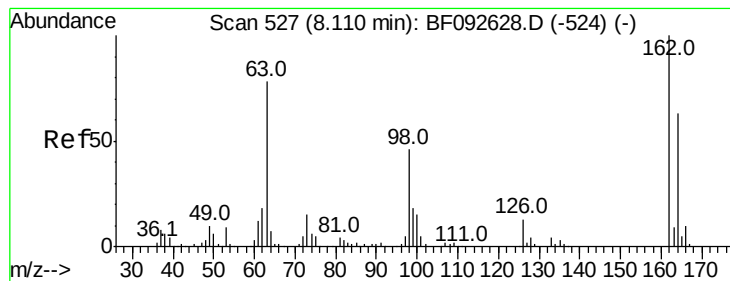


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.33 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMSD

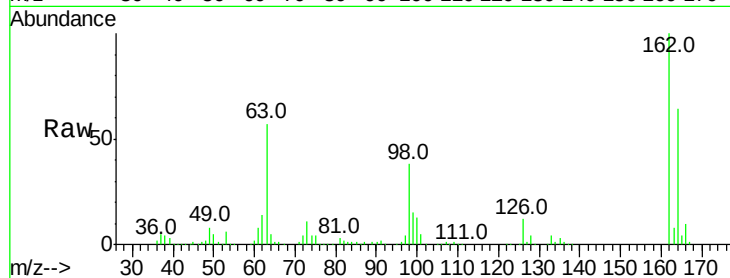
Tot Ion:162 Resp: 371141

Ion Ratio Lower Upper

162 100

164 64.1 46.8 86.8

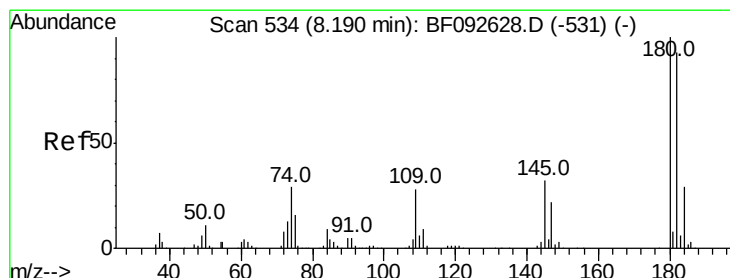
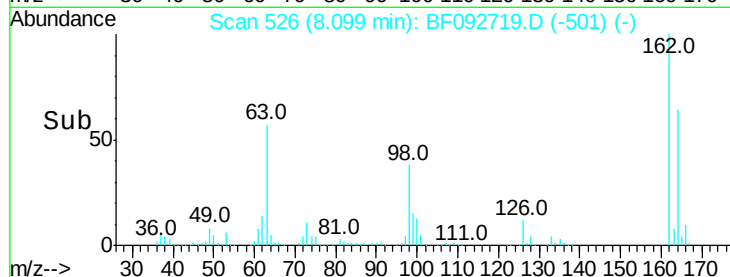
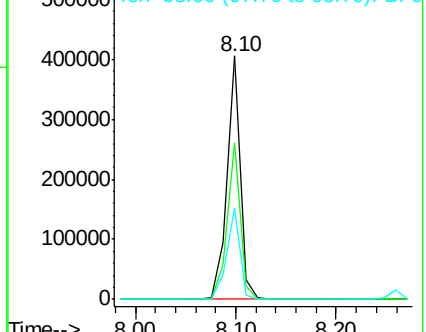
98 37.7 9.1 49.1



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: 44.56 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

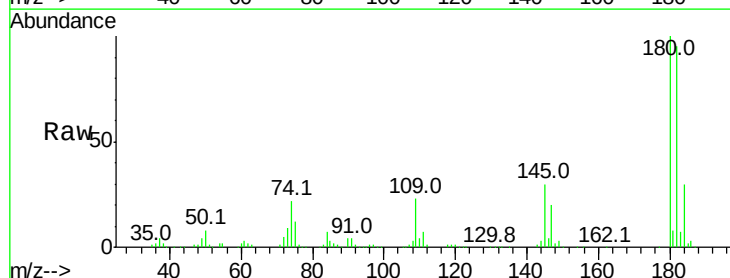
Tgt Ion:180 Resp: 384680

Ion Ratio Lower Upper

180 100

182 95.3 78.2 117.4

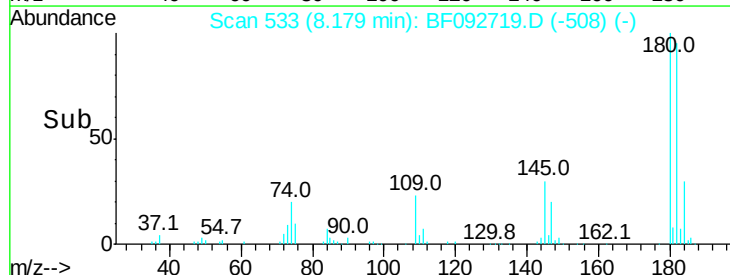
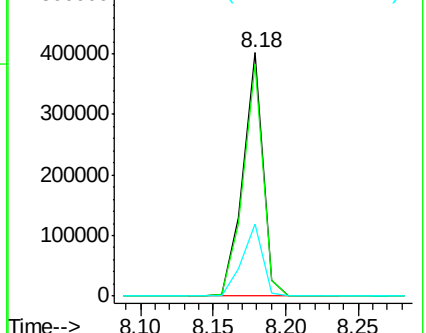
145 29.6 21.6 32.4

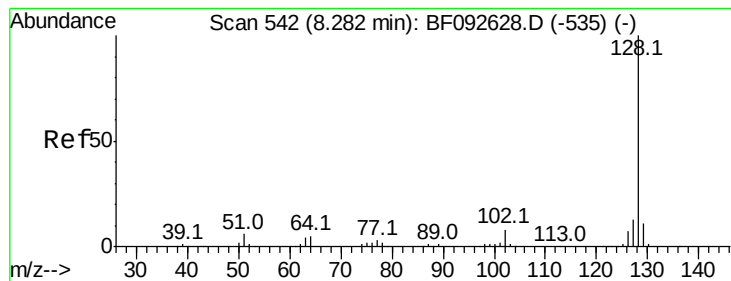


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.69 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMSD

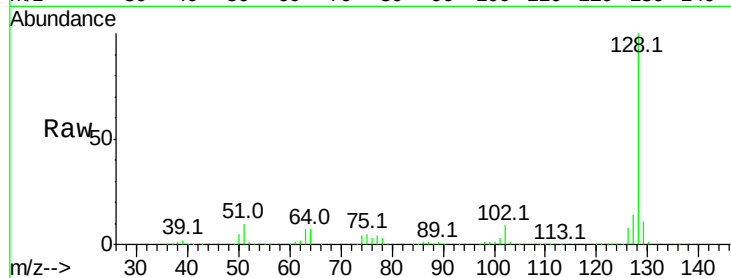
Tot Ion:128 Resp: 1122859

Ion Ratio Lower Upper

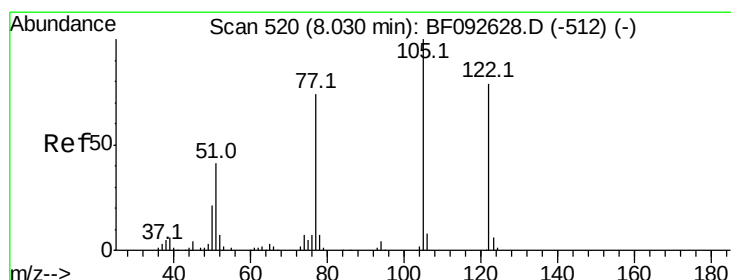
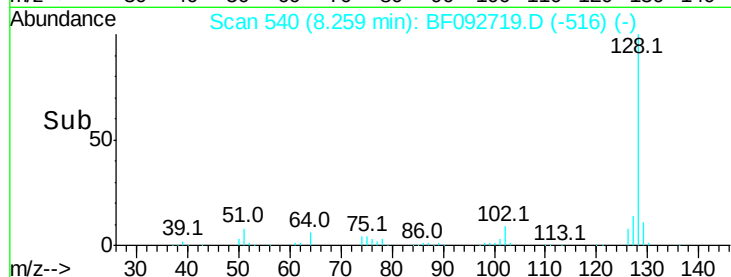
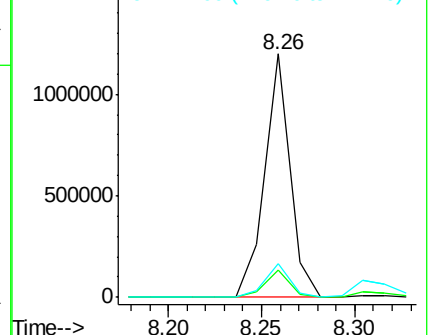
128 100

129 11.4 9.5 14.3

127 13.7 10.8 16.2



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: 20.12 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.05 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

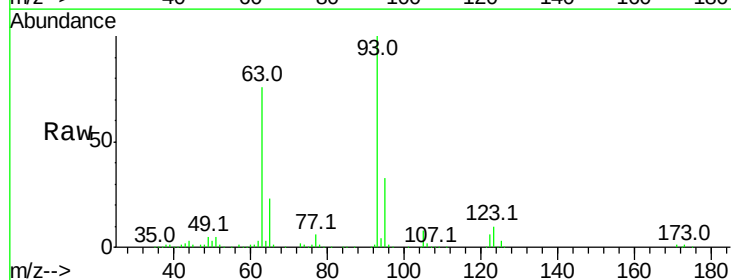
Tgt Ion:122 Resp: 74122

Ion Ratio Lower Upper

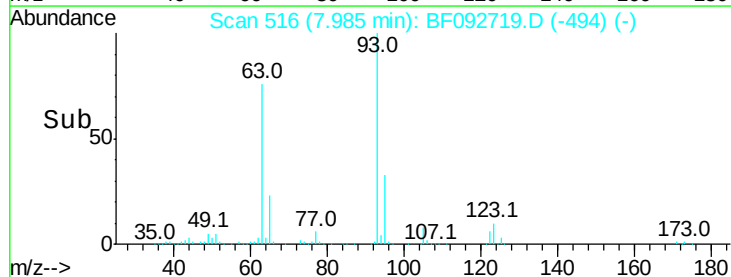
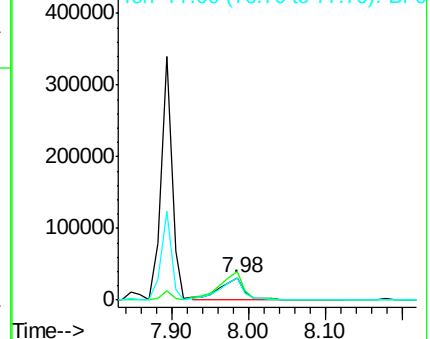
122 100

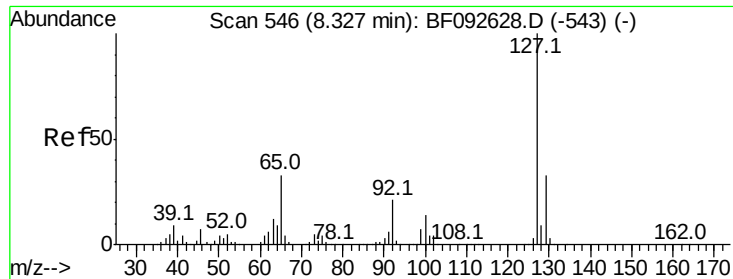
105 124.5 107.2 147.2

77 96.4 74.5 114.5



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

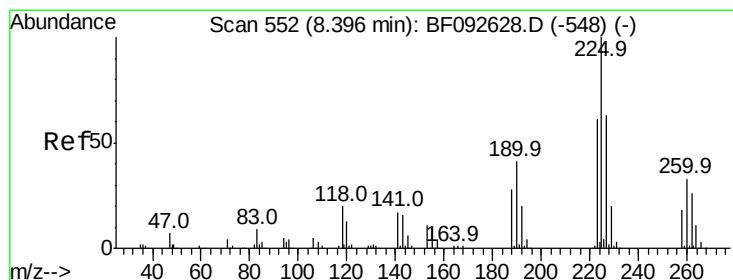
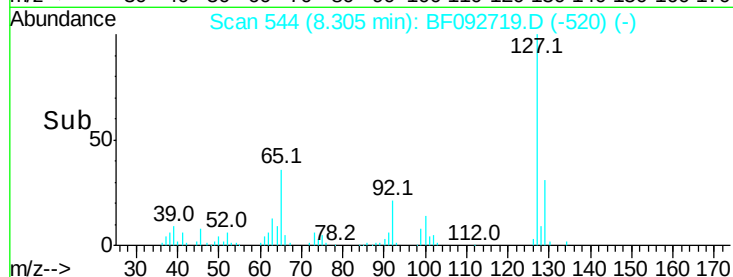
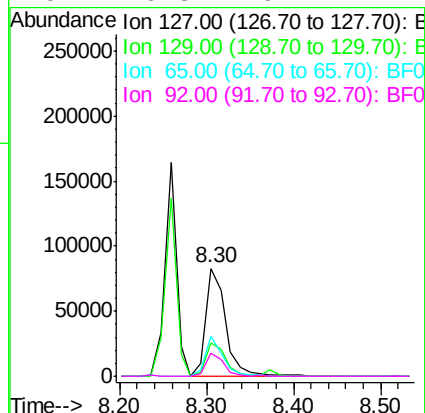
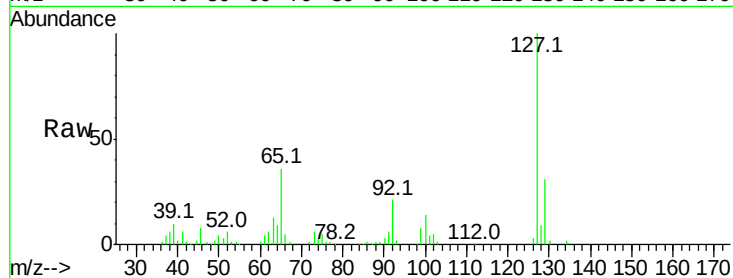




#33
4-Chloroaniline
Concen: 11.94 ng
RT: 8.30 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

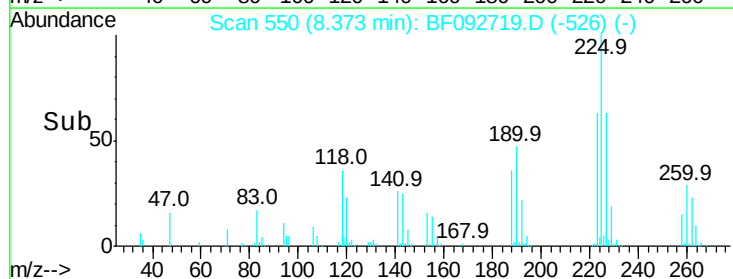
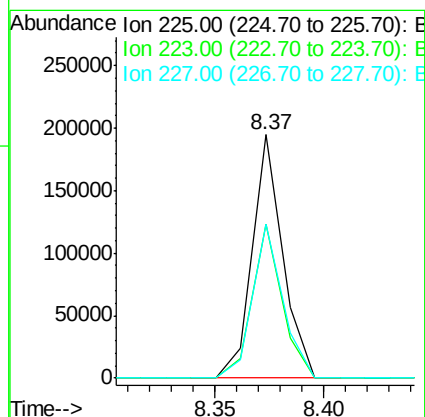
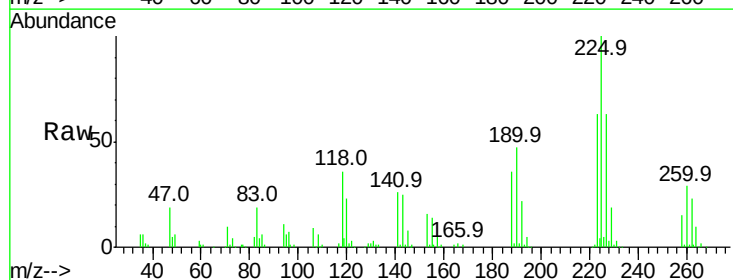
Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMSD

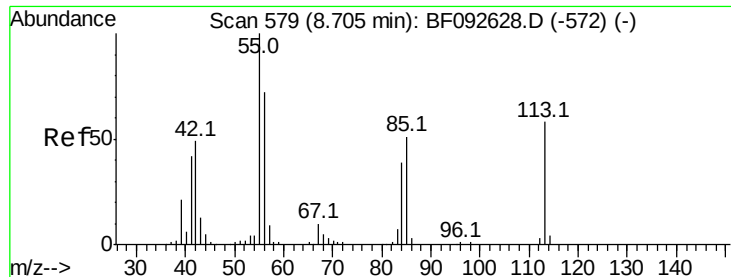
Tot Ion:	127	Resp:	132439
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.3	39.5
65	36.5	25.8	38.8
92	20.8	16.1	24.1



#34
Hexachlorobutadiene
Concen: 39.84 ng
RT: 8.37 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

Tgt Ion:	225	Resp:	189213
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.6
227	63.1	50.6	76.0

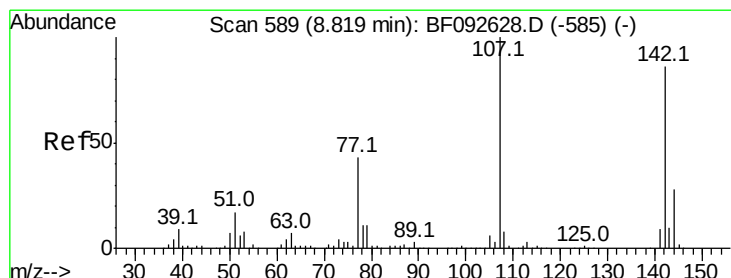
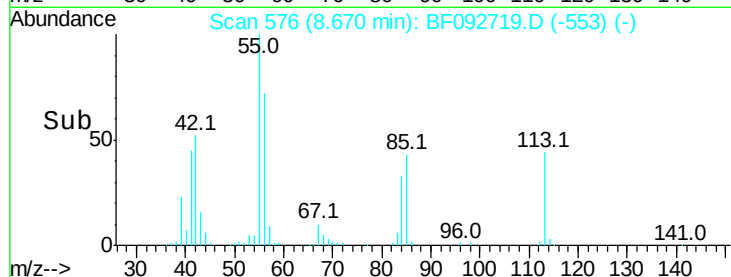
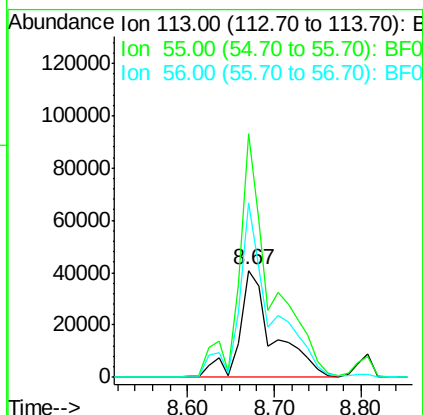
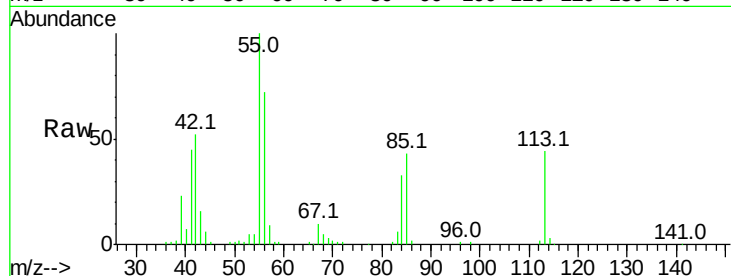




#35
 Caprolactam
 Concen: 44.30 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

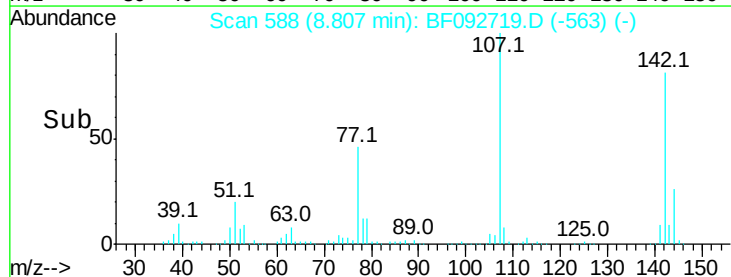
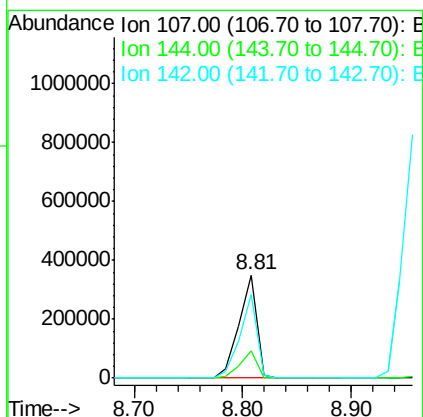
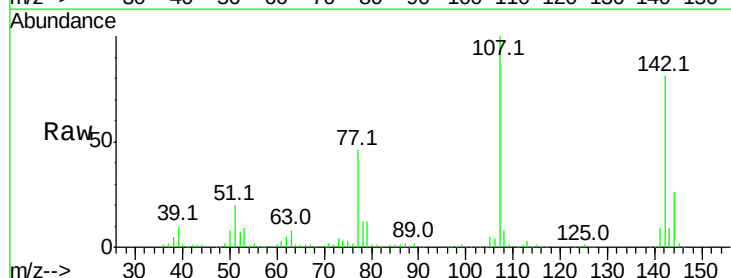
Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMSD

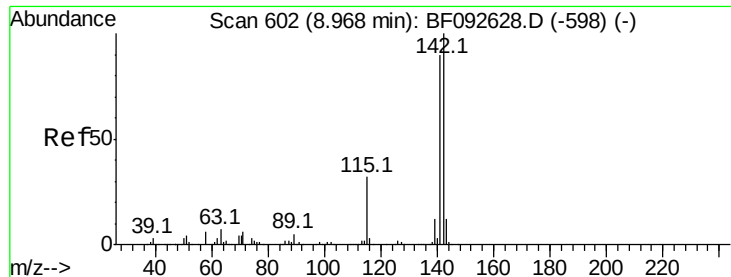
Tot Ion:113 Resp: 111639
 Ion Ratio Lower Upper
 113 100
 55 228.3 119.2 159.2#
 56 164.0 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 46.92 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

Tgt Ion:107 Resp: 391918
 Ion Ratio Lower Upper
 107 100
 144 26.3 19.3 28.9
 142 81.5 59.0 88.6





#37

2-Methylnaphthalene

Concen: 45.51 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

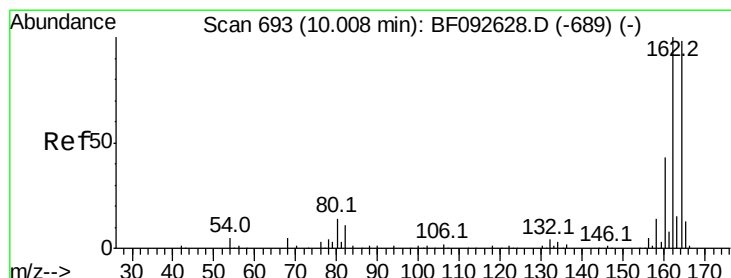
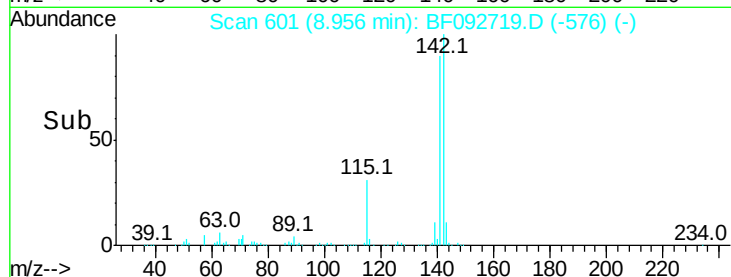
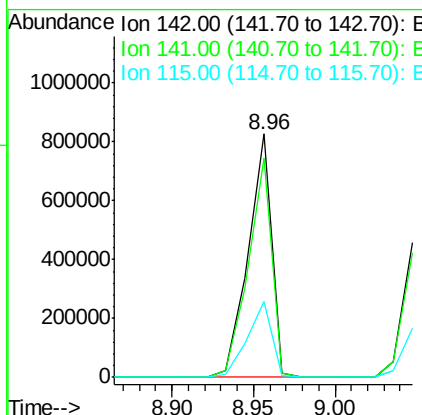
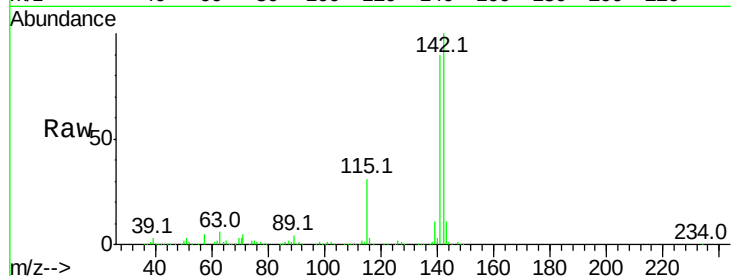
Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMSD

Tot Ion:142 Resp: 826620

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.0	106.6
115	31.2	28.3	42.5



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 692

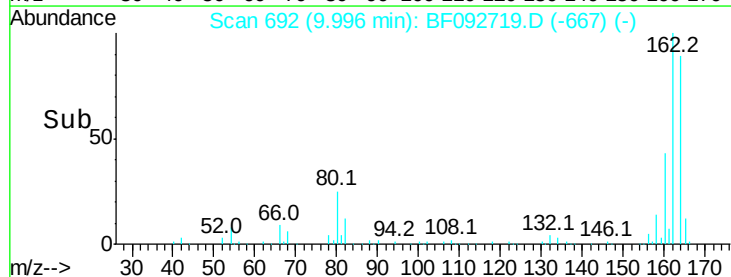
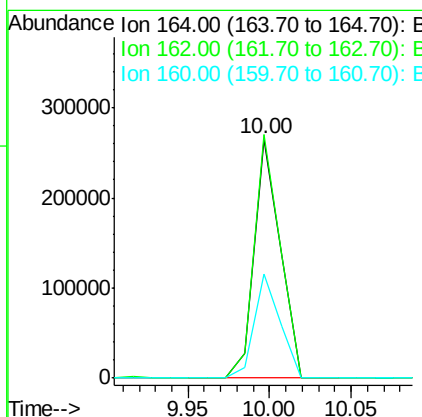
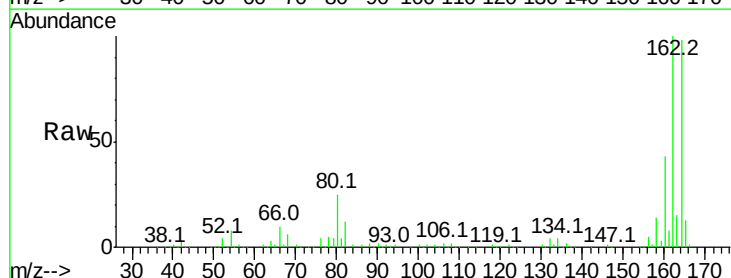
Delta R.T. -0.01 min

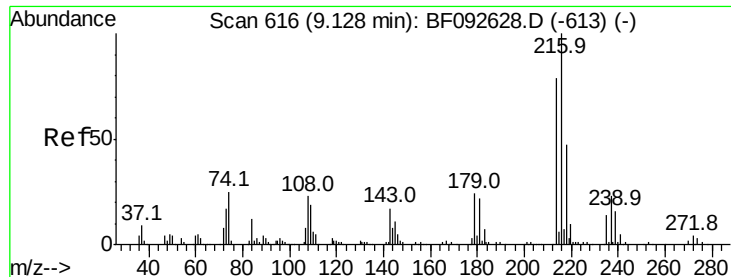
Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Tgt Ion:164 Resp: 293695

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.2	120.2
160	43.7	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.27 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMSD

Tot Ion:216 Resp: 356746

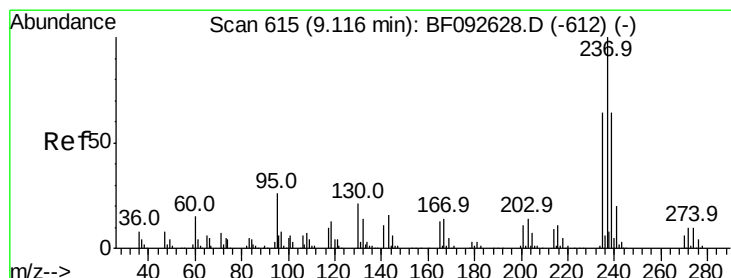
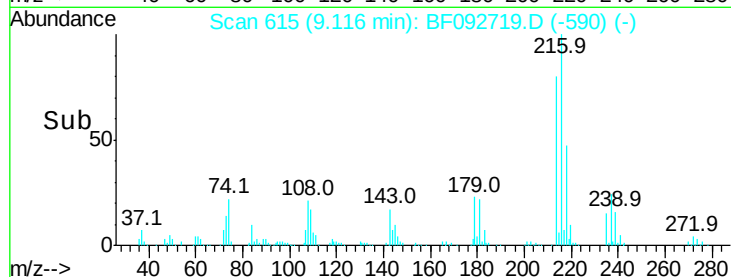
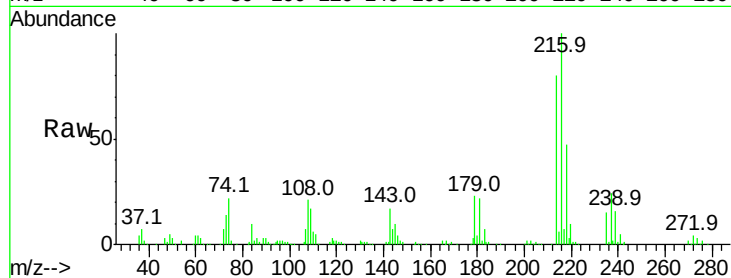
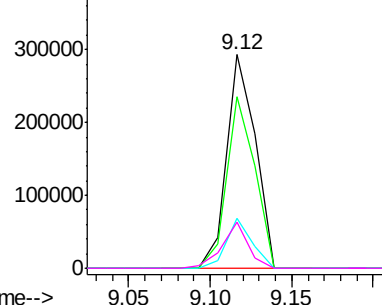
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.0
179	20.8	17.4	26.2
108	19.6	15.6	23.4

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: 77.63 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

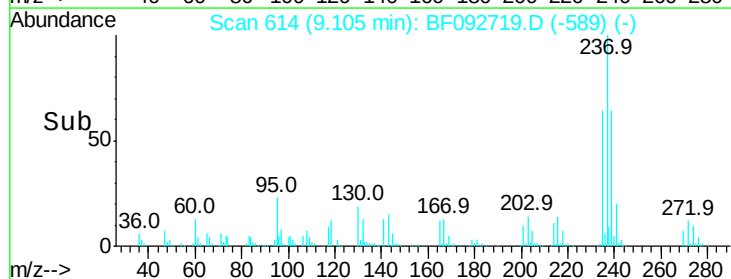
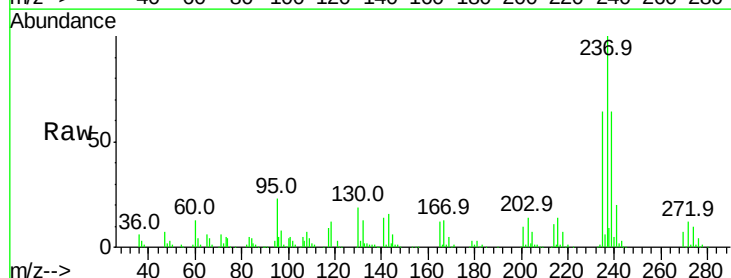
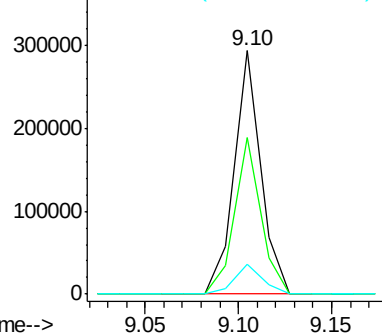
Tgt Ion:237 Resp: 288734

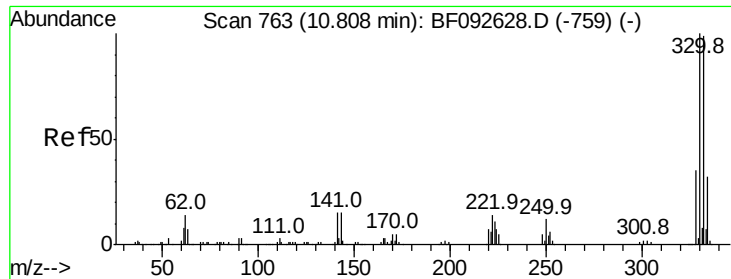
Ion	Ratio	Lower	Upper
237	100		
235	64.2	41.2	81.2
272	12.4	0.0	35.4

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

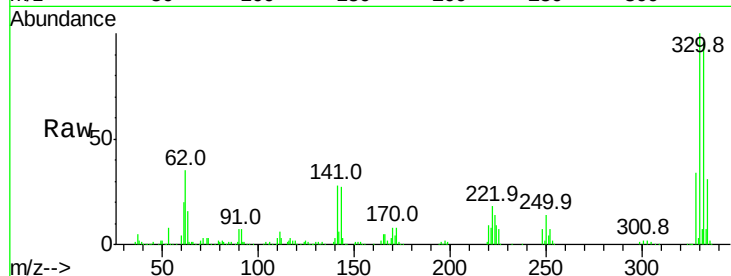




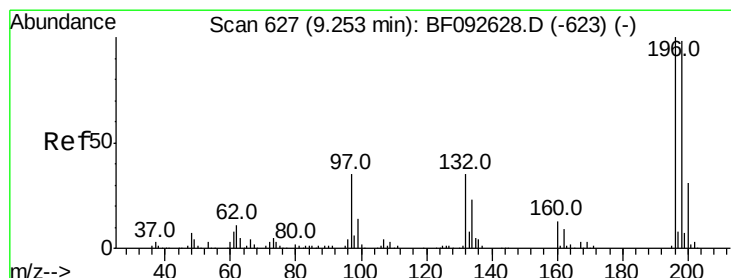
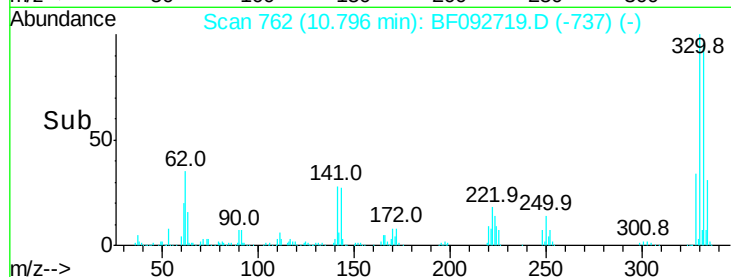
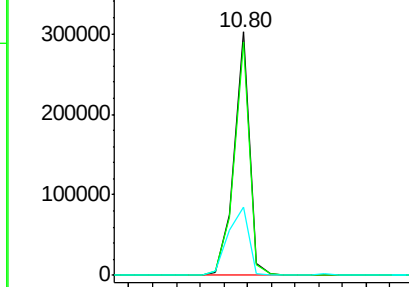
#41
 2,4,6-Tribromophenol
 Concen: 129.45 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMSD

Tot Ion:330 Resp: 274968
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 37.1 34.1 51.1

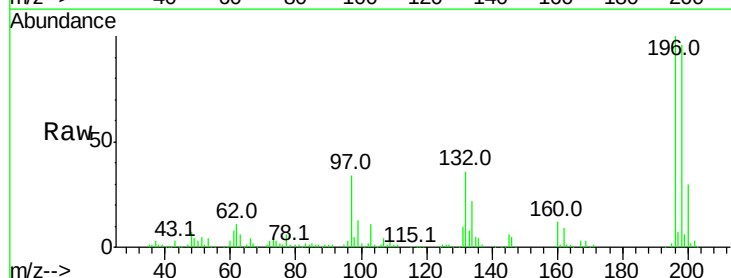


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

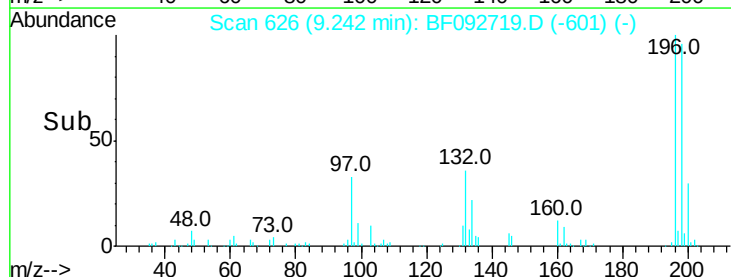
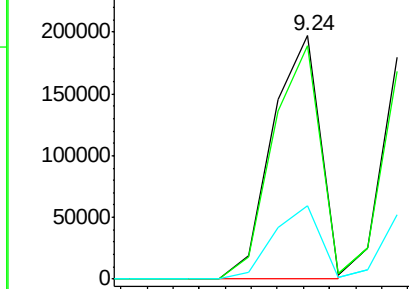


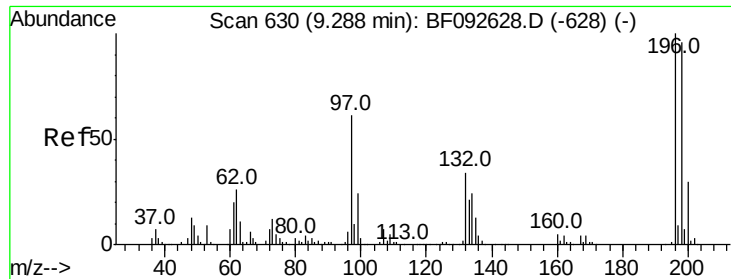
#42
 2,4,6-Trichlorophenol
 Concen: 46.29 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

Tgt Ion:196 Resp: 250739
 Ion Ratio Lower Upper
 196 100
 198 95.8 82.1 123.1
 200 30.0 27.0 40.4



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

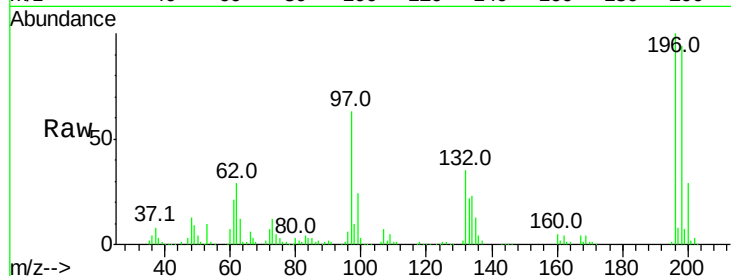




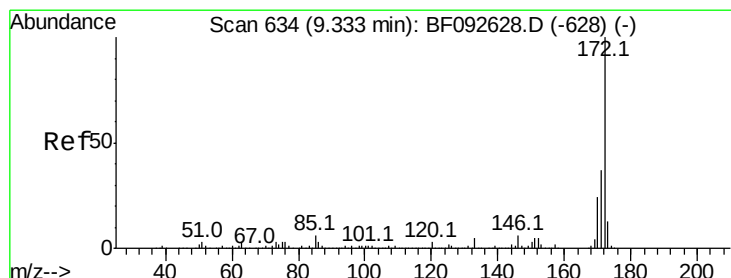
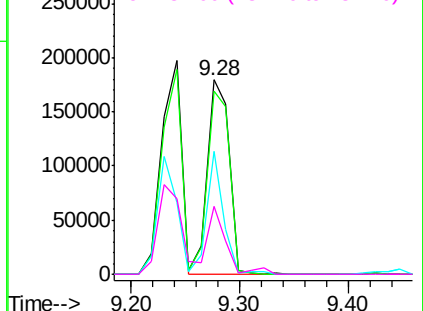
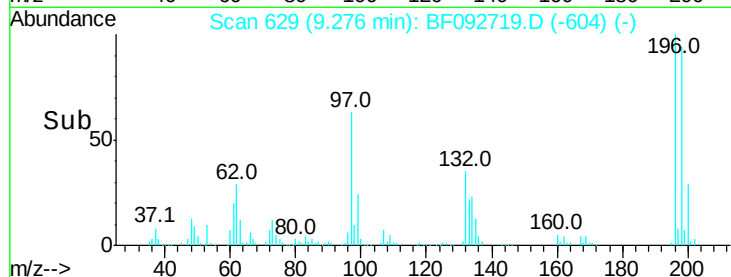
#43
 2,4,5-Trichlorophenol
 Concen: 42.73 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMSD

Tot Ion:196 Resp: 253627
 Ion Ratio Lower Upper
 196 100
 198 93.9 79.4 119.2
 97 63.3 51.5 77.3
 132 34.6 27.4 41.2

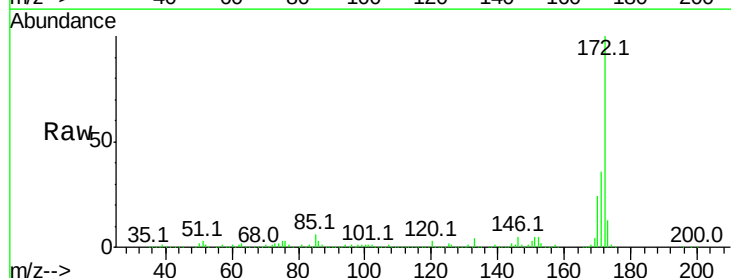


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

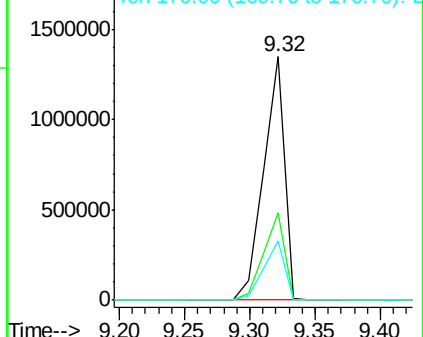
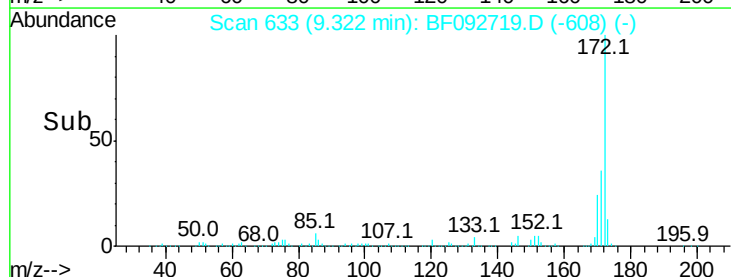


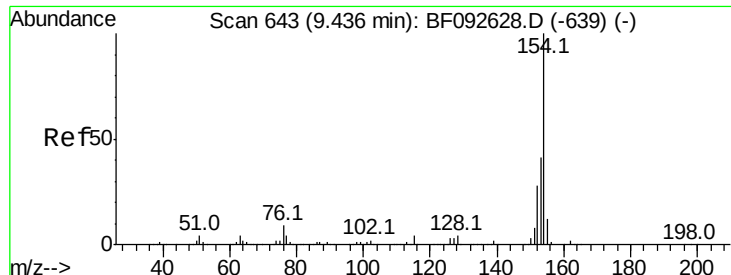
#44
 2-Fluorobiphenyl
 Concen: 93.14 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

Tgt Ion:172 Resp: 1509978
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.4 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

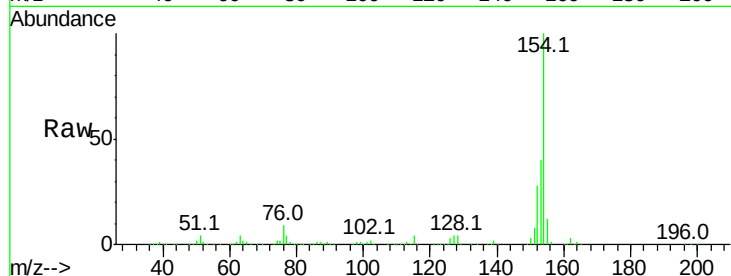




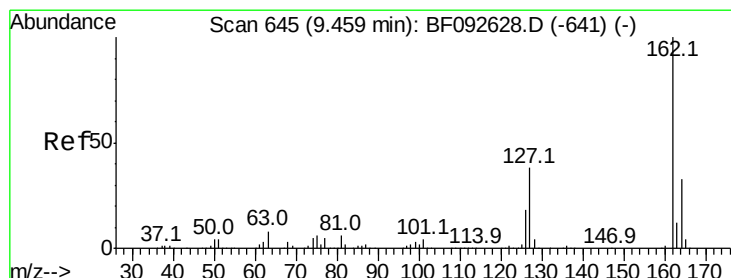
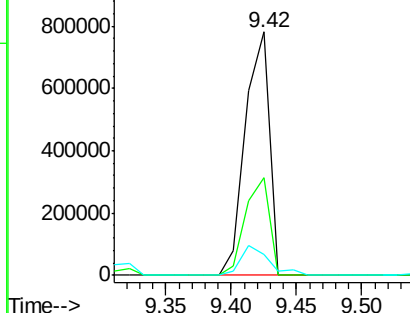
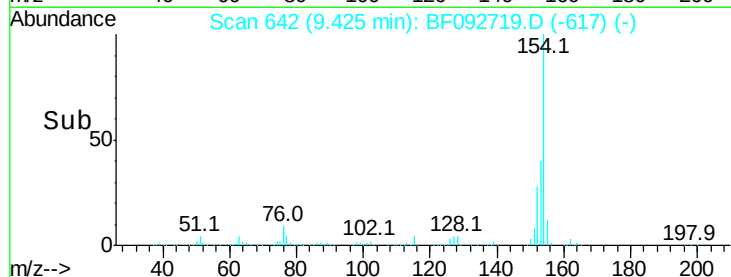
#45
 1,1'-Biphenyl
 Concen: 46.96 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.9	60.9
76	8.6	0.0	30.5

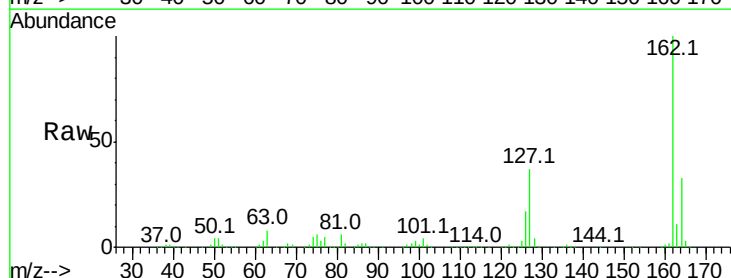


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

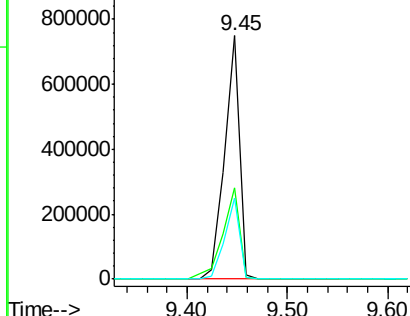
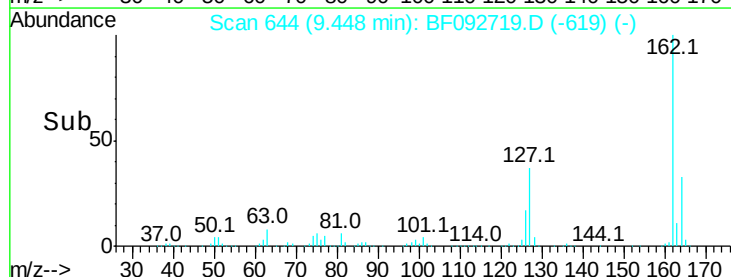


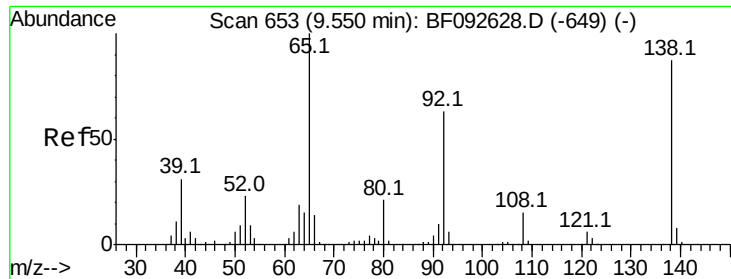
#46
 2-Chloronaphthalene
 Concen: 46.16 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.4	30.7	46.1
164	33.2	27.6	41.4



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

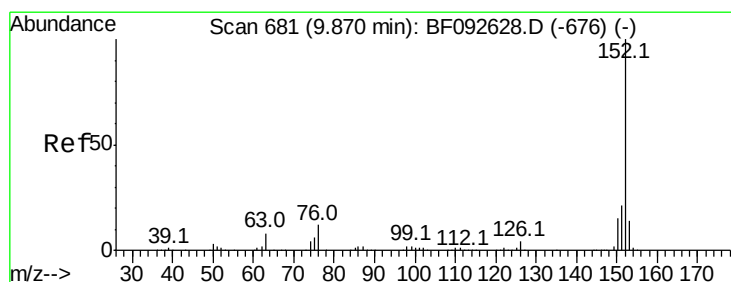
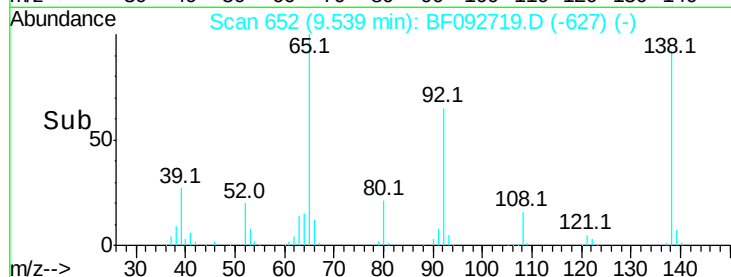
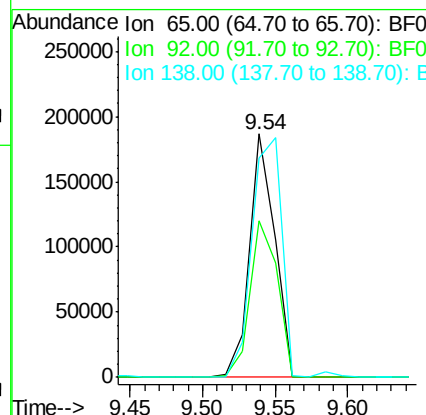
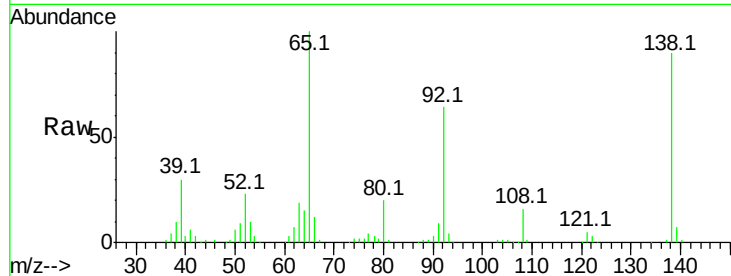




#47
2-Nitroaniline
Concen: 40.20 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

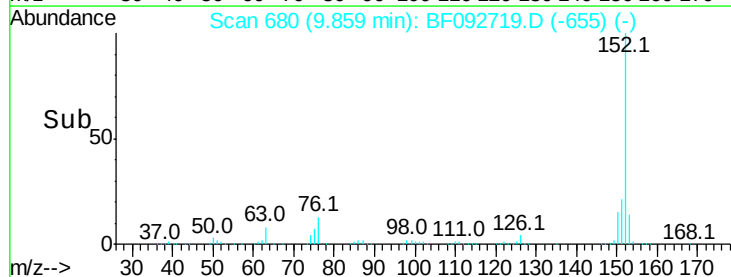
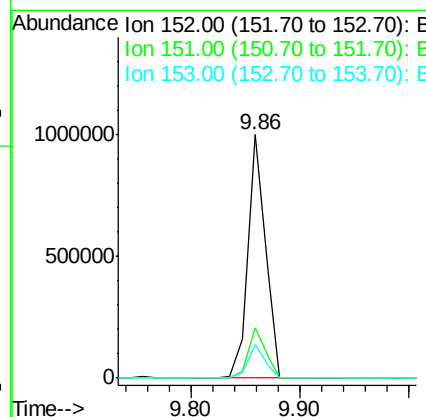
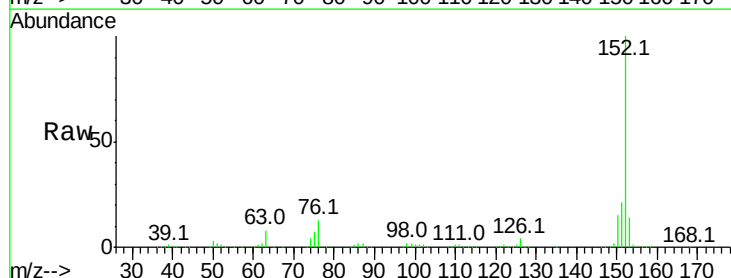
Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMSD

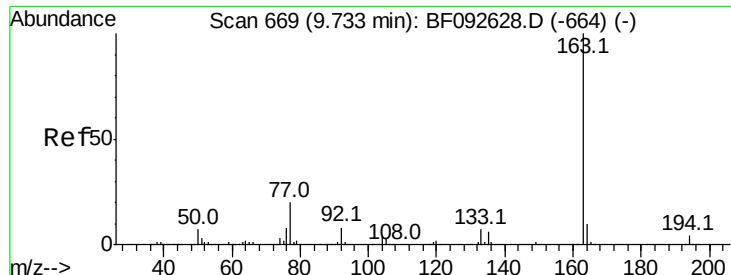
Tot Ion: 65 Resp: 224836
Ion Ratio Lower Upper
65 100
92 64.3 53.9 80.9
138 90.2 76.8 115.2



#48
Acenaphthylene
Concen: 38.40 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

Tgt Ion: 152 Resp: 1103688
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 13.7 11.4 17.2





#49

Dimethylphthalate

Concen: 51.74 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMSD

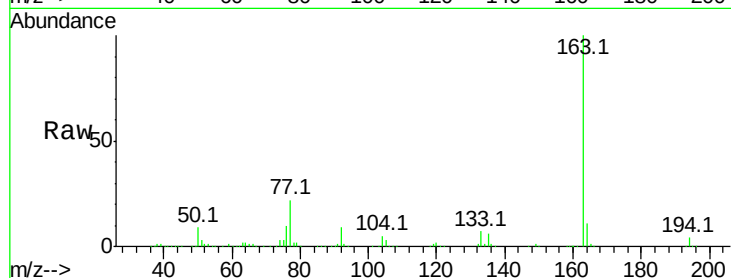
Tot Ion:163 Resp: 1023474

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

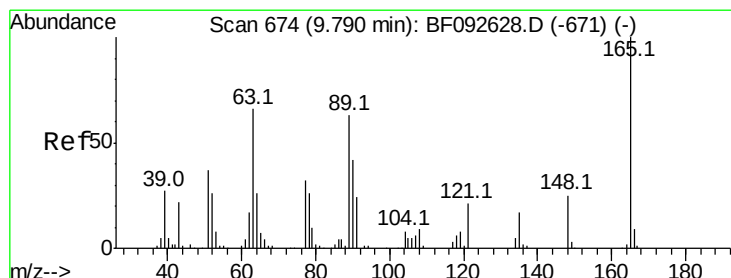
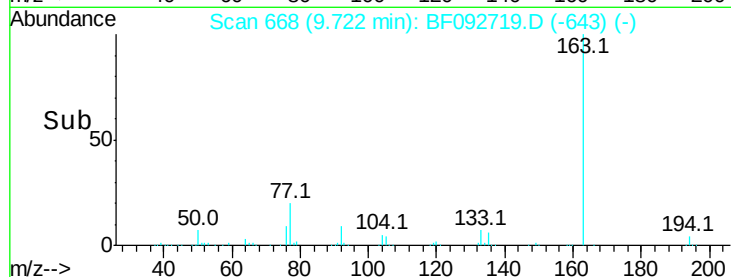
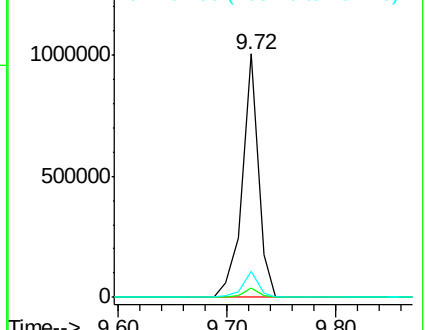
164 10.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.56 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

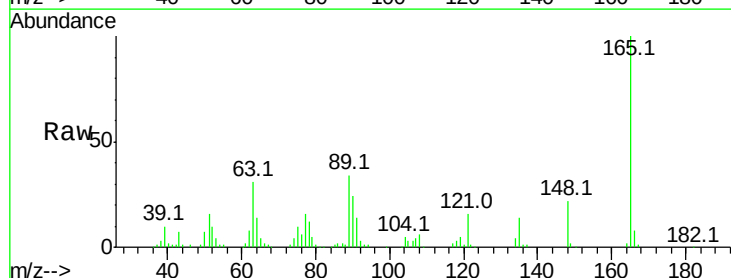
Tgt Ion:165 Resp: 203183

Ion Ratio Lower Upper

165 100

63 31.2 36.2 54.4#

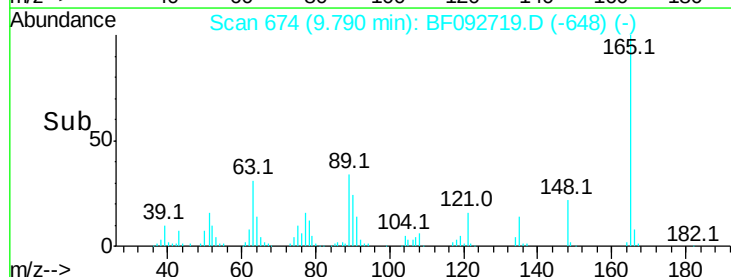
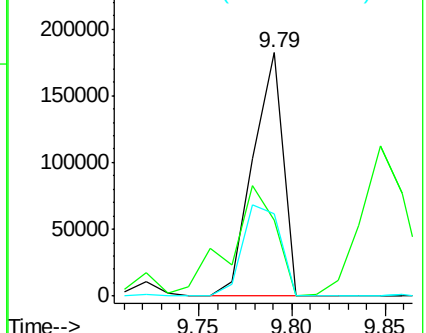
89 33.7 40.2 60.4#

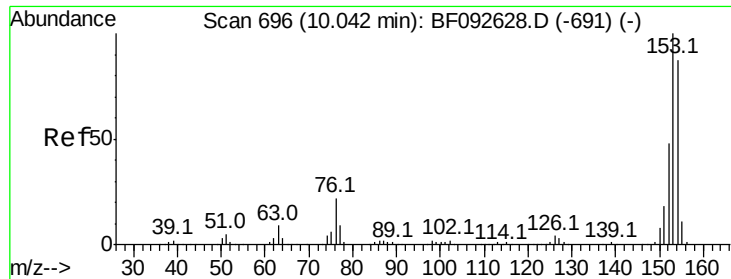


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.78 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMSD

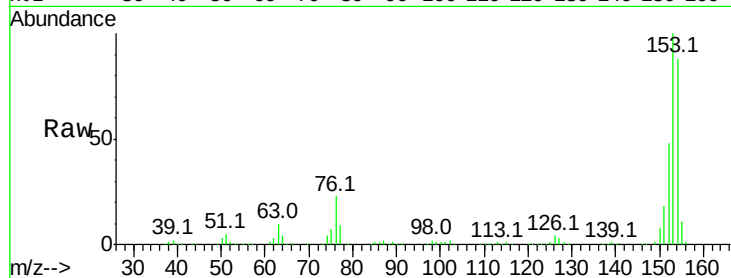
Tot Ion:154 Resp: 717952

Ion Ratio Lower Upper

154 100

153 114.2 88.6 133.0

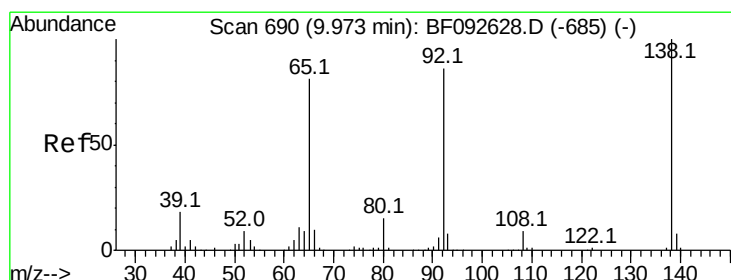
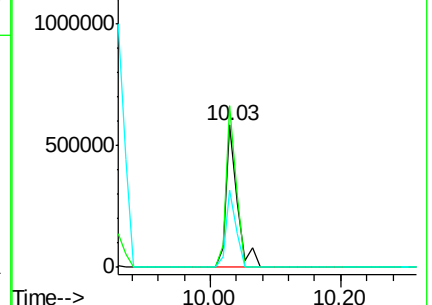
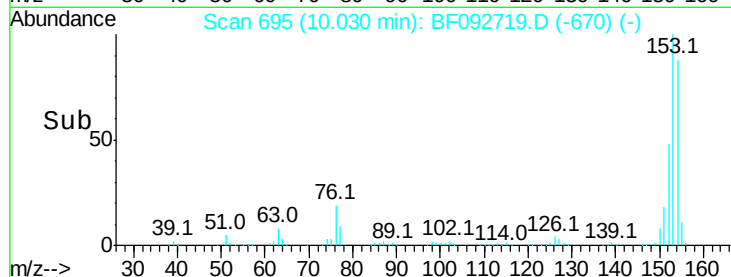
152 54.7 41.6 62.4



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: 22.17 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

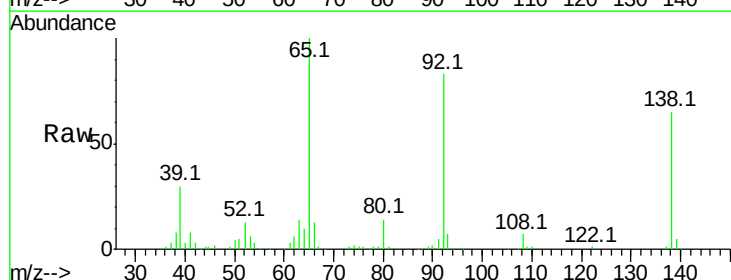
Tgt Ion:138 Resp: 108393

Ion Ratio Lower Upper

138 100

108 11.4 8.5 12.7

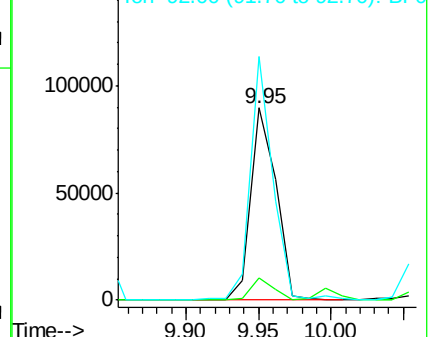
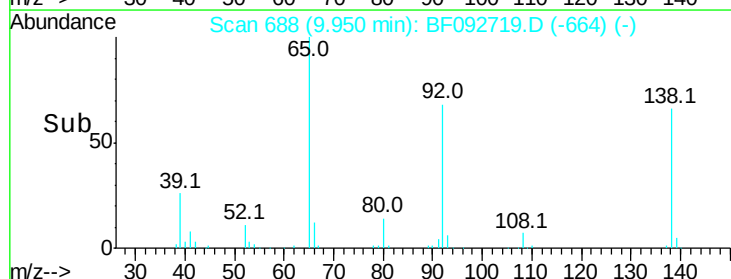
92 126.9 97.8 146.8

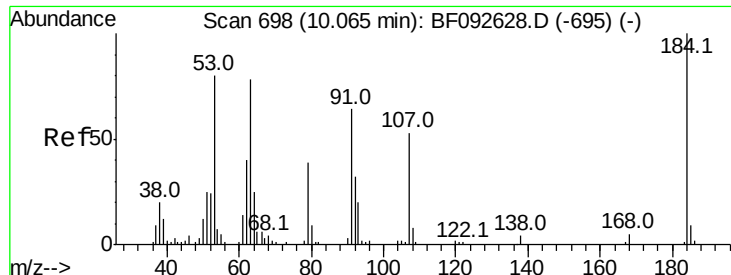


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

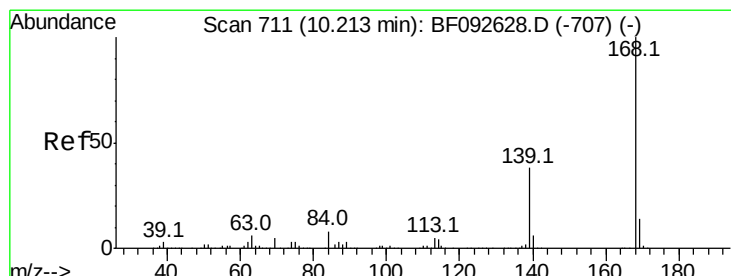
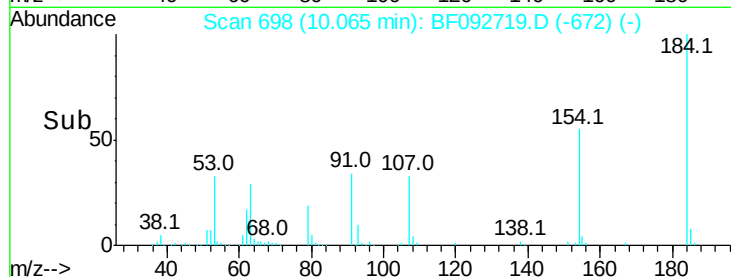
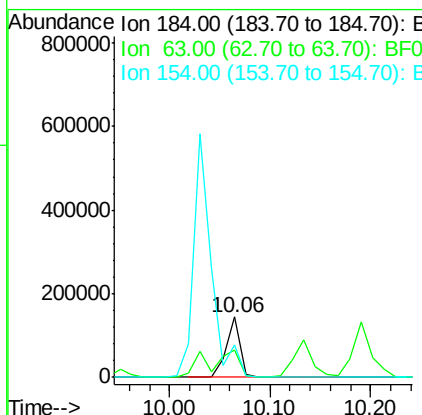
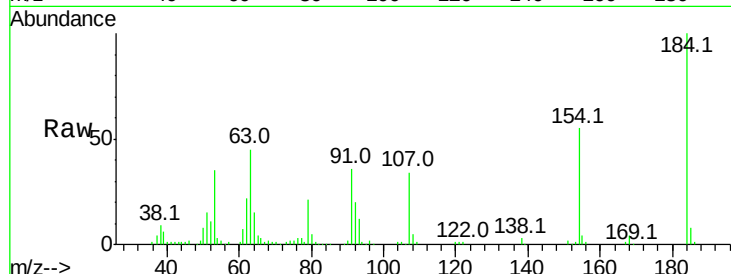




#53
 2,4-Dinitrophenol
 Concen: 65.18 ng
 RT: 10.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

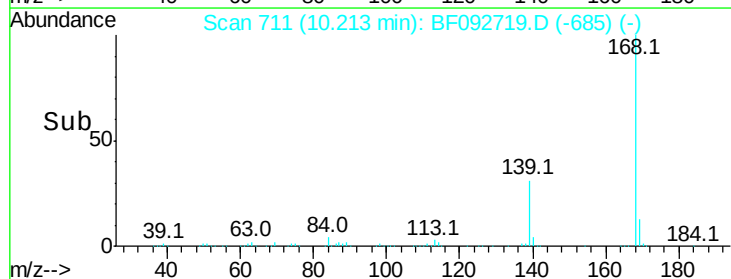
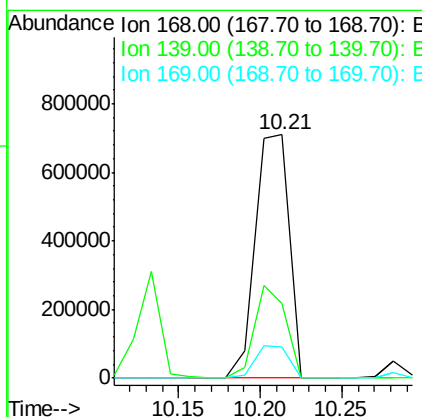
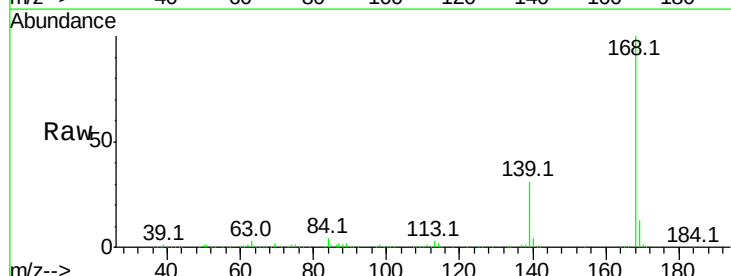
Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMSD

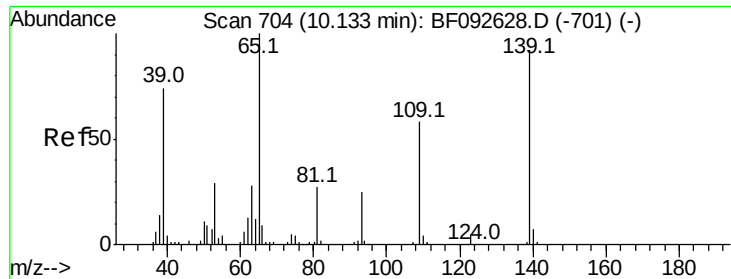
Tot Ion:184 Resp: 139632
 Ion Ratio Lower Upper
 184 100
 63 45.2 28.4 42.6#
 154 54.8 44.3 66.5



#54
 Dibenzofuran
 Concen: 44.59 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

Tgt Ion:168 Resp: 1024788
 Ion Ratio Lower Upper
 168 100
 139 30.8 32.6 49.0#
 169 12.9 11.3 16.9

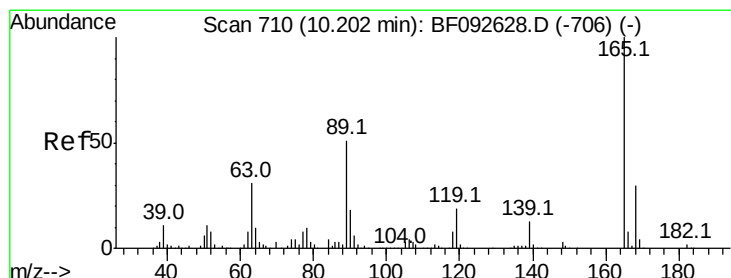
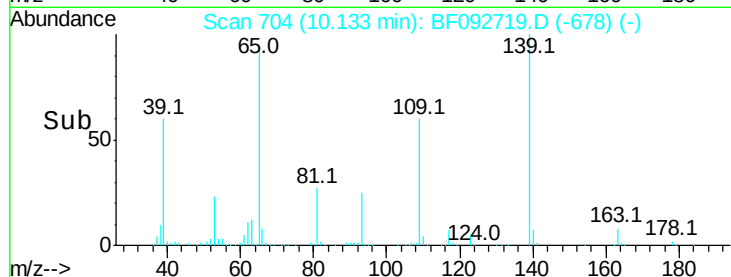
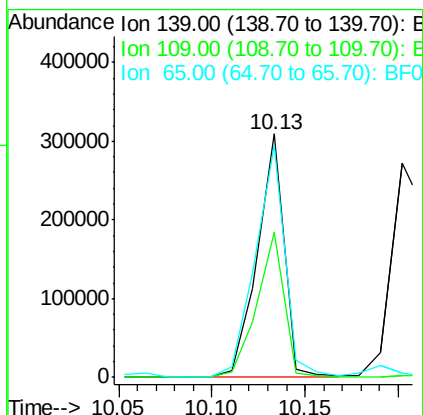
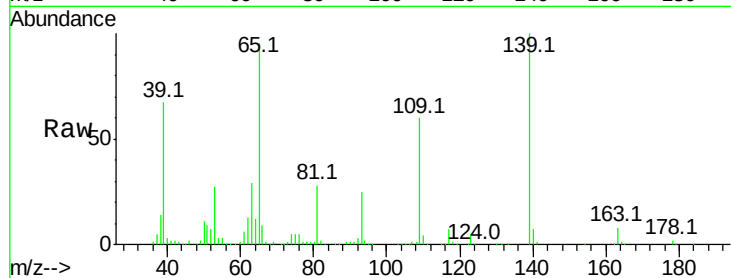




#55
4-Nitrophenol
Concen: 87.04 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

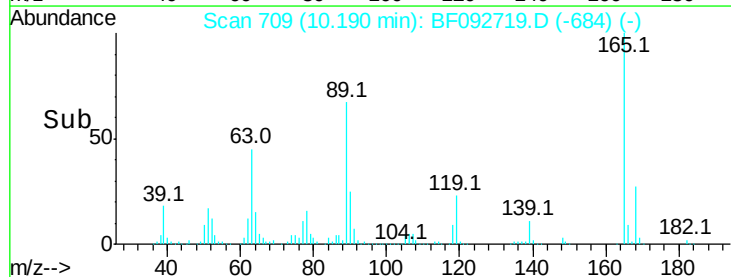
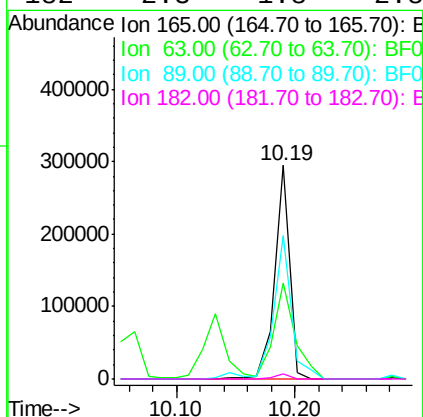
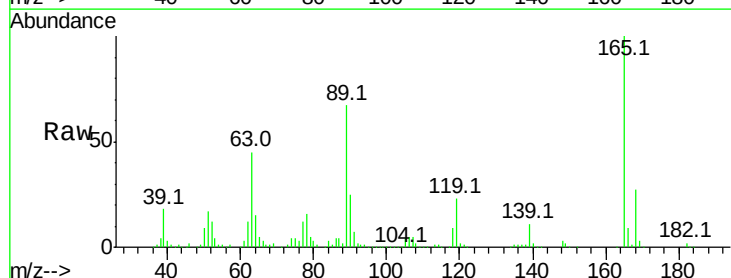
Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMSD

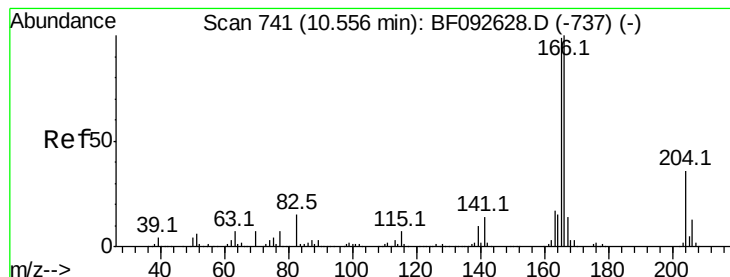
Tot Ion:139 Resp: 306516
Ion Ratio Lower Upper
139 100
109 59.7 52.2 92.2
65 95.2 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 45.35 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

Tgt Ion:165 Resp: 257949
Ion Ratio Lower Upper
165 100
63 45.0 40.2 60.4
89 67.3 62.5 93.7
182 2.3 1.8 2.8





#57

Fluorene

Concen: 41.85 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMSD

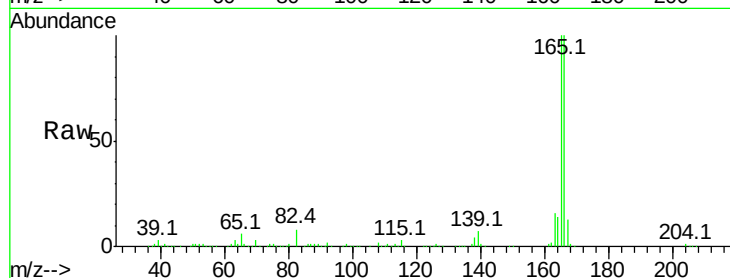
Tot Ion:166 Resp: 740037

Ion Ratio Lower Upper

166 100

165 99.7 77.8 116.8

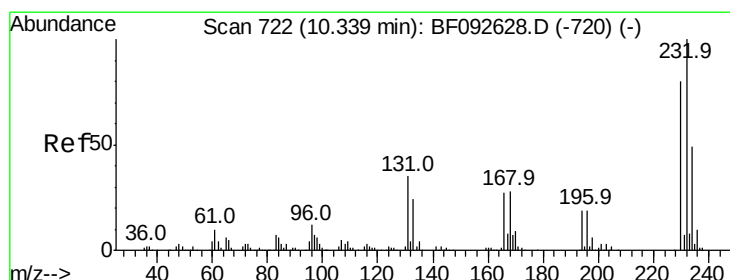
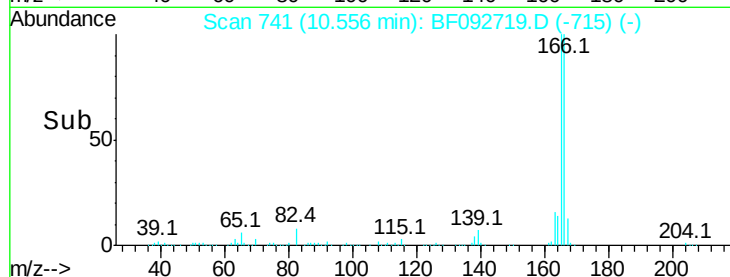
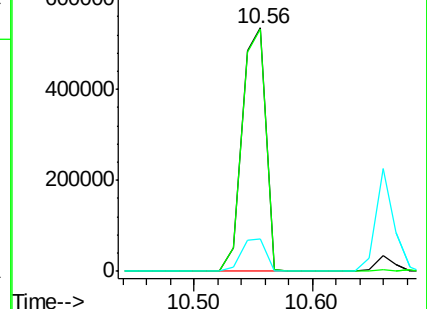
167 13.2 10.8 16.2



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: 49.83 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Tgt Ion:232 Resp: 197290

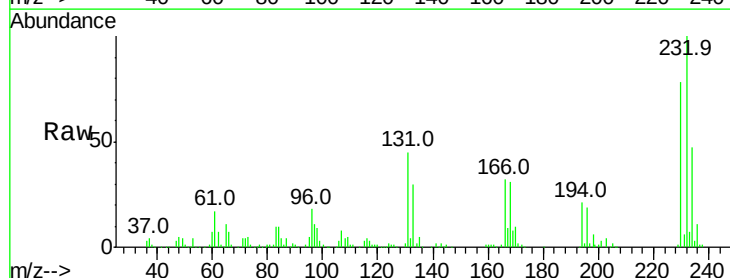
Ion Ratio Lower Upper

232 100

131 46.6 40.1 60.1

130 2.3 1.8 2.8

166 31.6 26.6 39.8

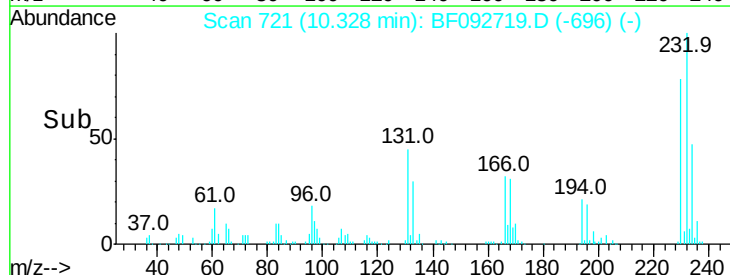
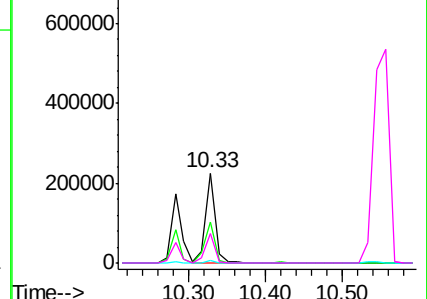


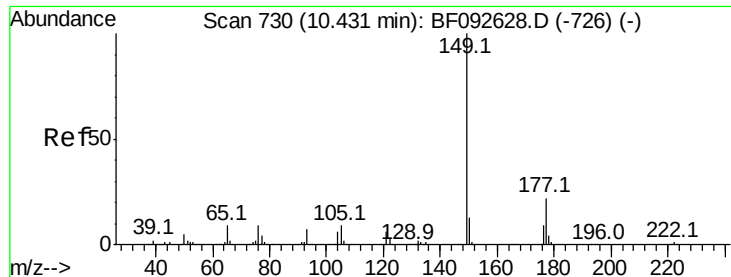
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

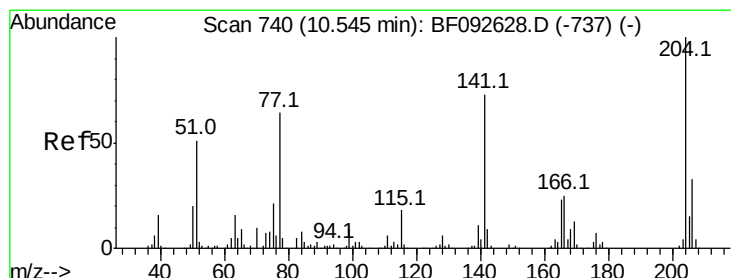
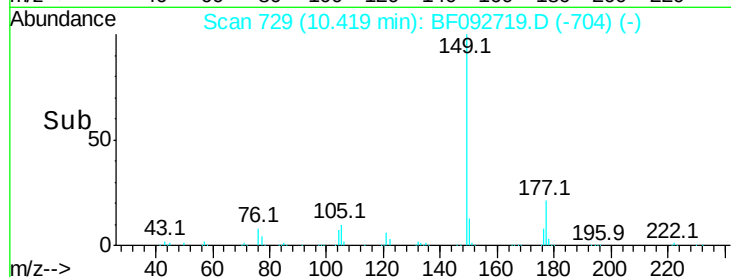
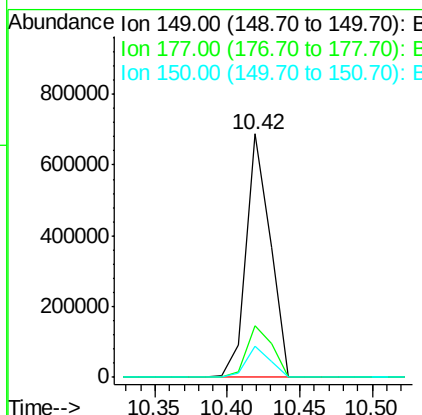
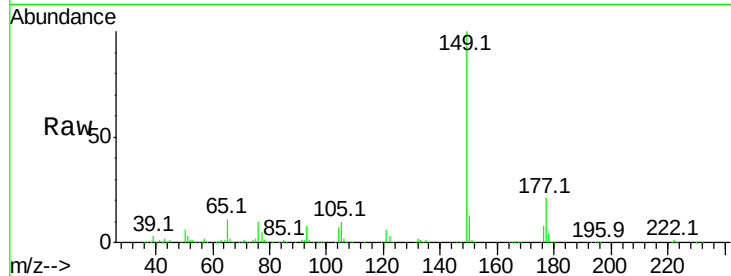




#59
Diethylphthalate
Concen: 42.42 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

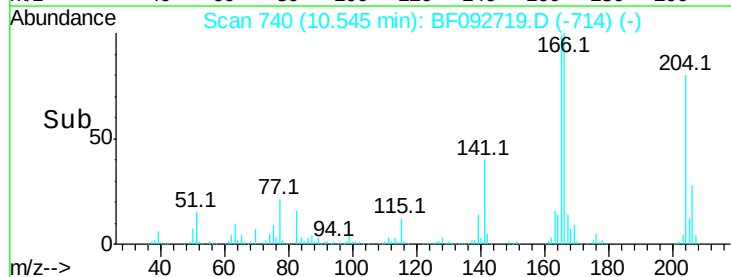
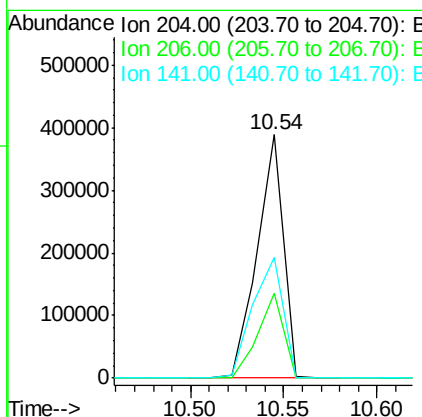
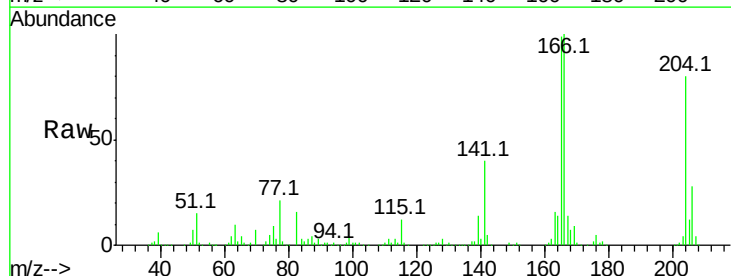
Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMSD

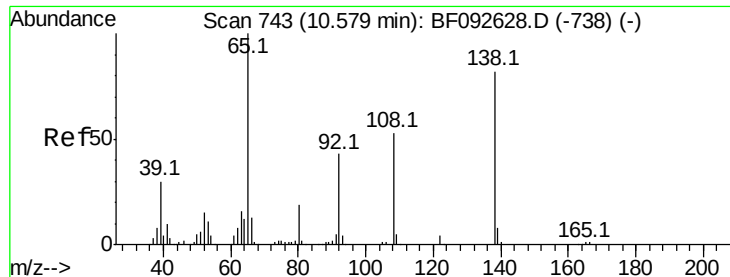
Tot Ion:149 Resp: 790881
Ion Ratio Lower Upper
149 100
177 21.0 16.6 25.0
150 12.7 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 44.34 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

Tgt Ion:204 Resp: 376678
Ion Ratio Lower Upper
204 100
206 34.9 25.8 38.6
141 49.4 59.4 89.0#

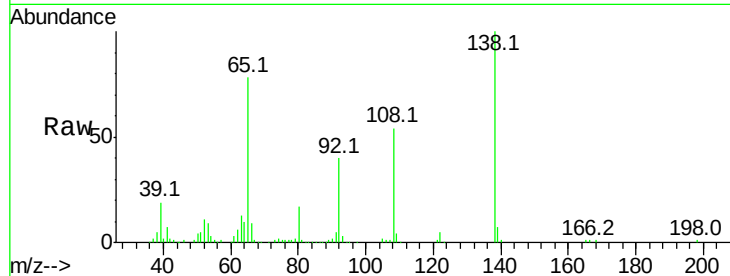




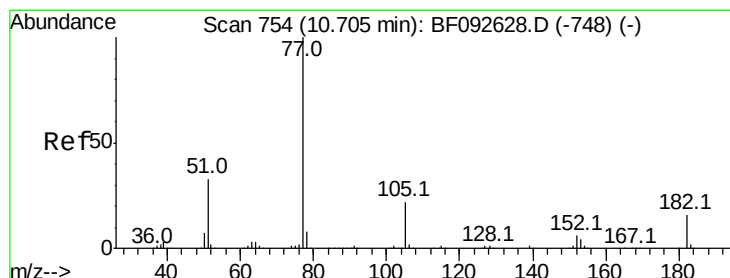
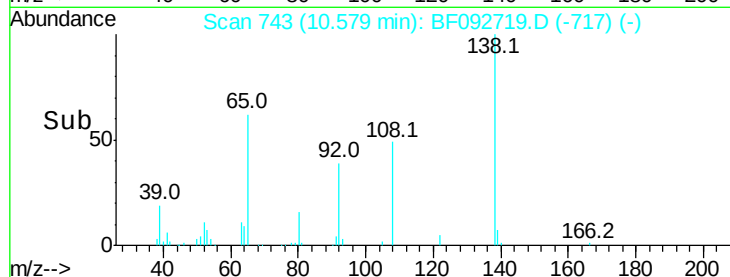
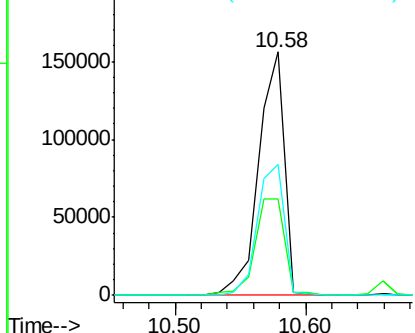
#61
4-Nitroaniline
Concen: 42.90 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMSD

Tot Ion:138 Resp: 214828
Ion Ratio Lower Upper
138 100
92 39.7 31.7 71.7
108 53.9 52.6 92.6

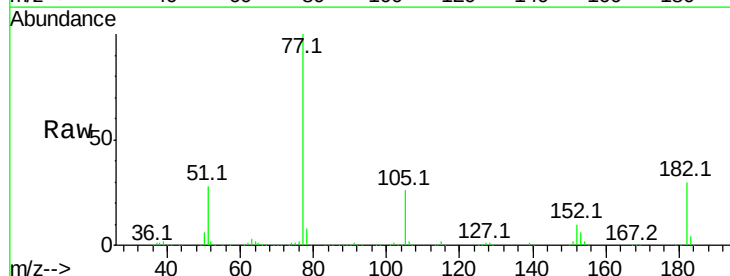


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

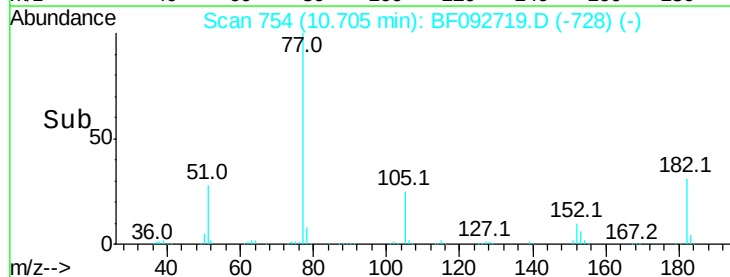
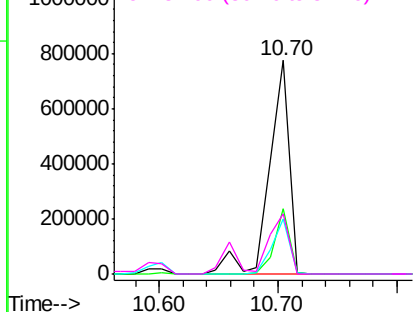


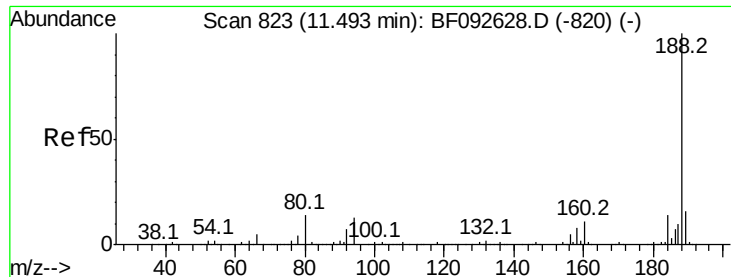
#62
Azobenzene
Concen: 47.15 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

Tgt Ion: 77 Resp: 908145
Ion Ratio Lower Upper
77 100
182 30.3 0.0 39.3
105 25.8 2.3 42.3
51 28.3 8.9 48.9



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

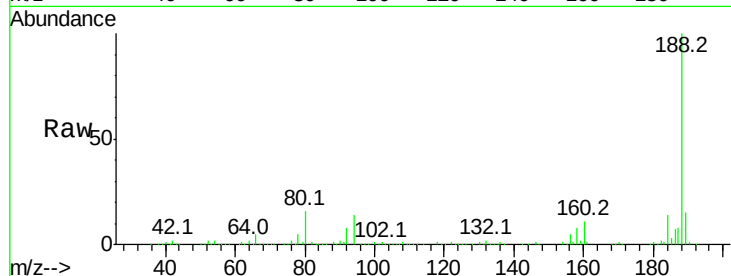




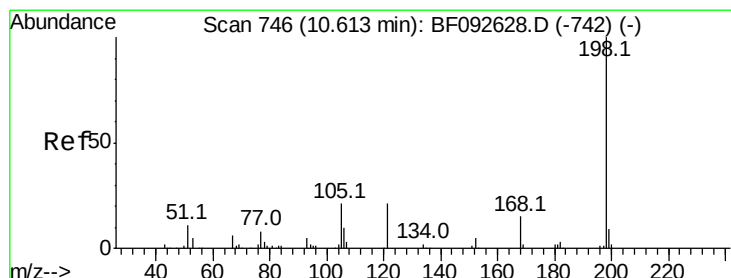
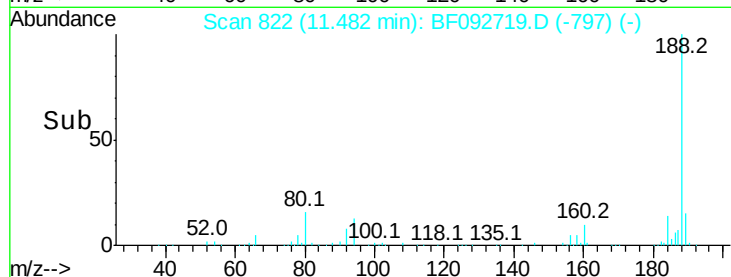
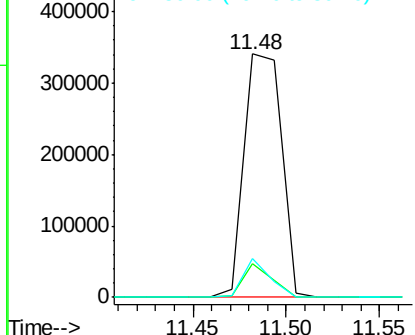
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMSD

Tot Ion:188 Resp: 474444
Ion Ratio Lower Upper
188 100
94 13.9 10.0 15.0
80 16.2 11.2 16.8

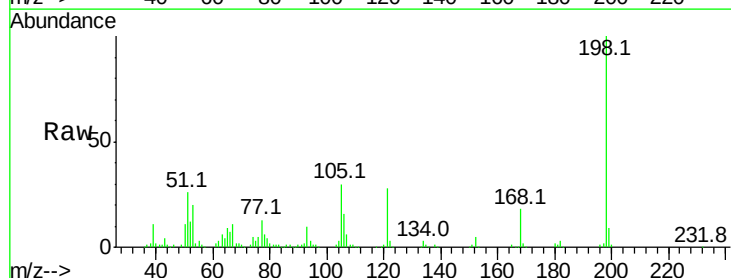


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

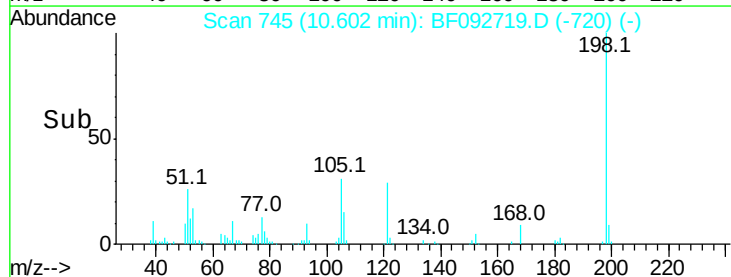
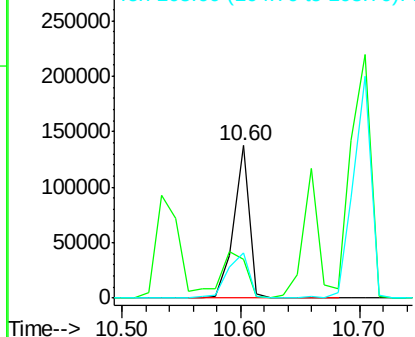


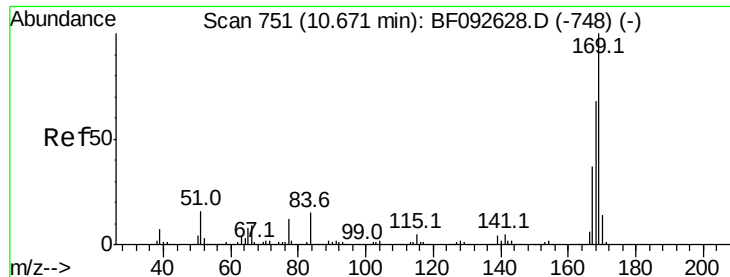
#64
4,6-Dinitro-2-methylphenol
Concen: 43.70 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

Tgt Ion:198 Resp: 125478
Ion Ratio Lower Upper
198 100
51 25.6 6.7 46.7
105 30.1 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.71 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMSD

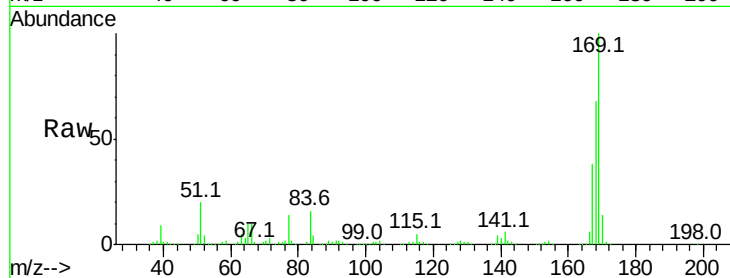
Tot Ion:169 Resp: 632216

Ion Ratio Lower Upper

169 100

168 68.1 54.2 81.2

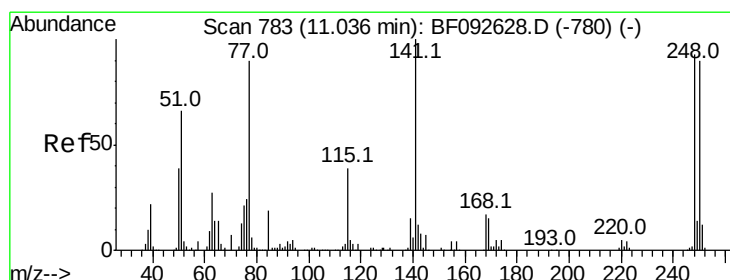
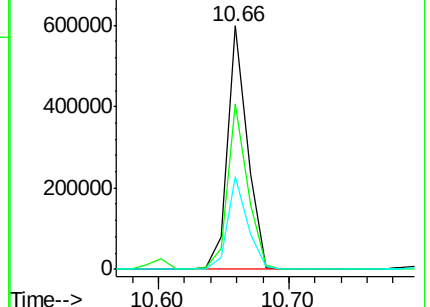
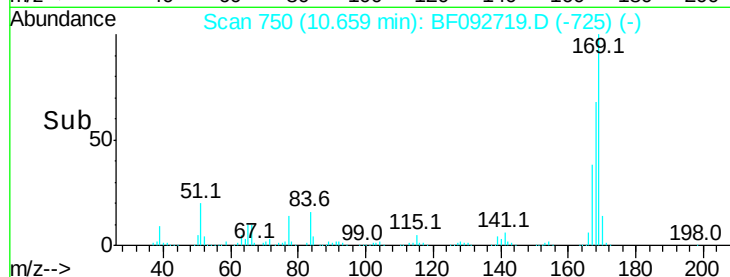
167 37.8 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.48 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

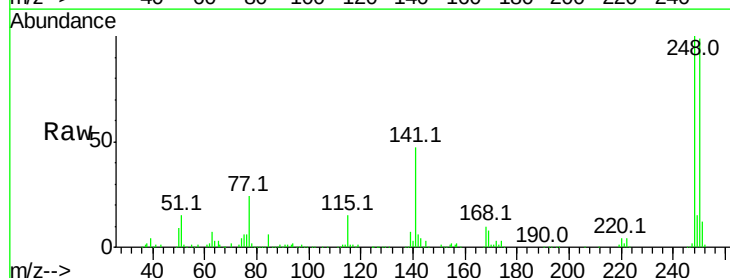
Tgt Ion:248 Resp: 220478

Ion Ratio Lower Upper

248 100

250 99.1 76.9 115.3

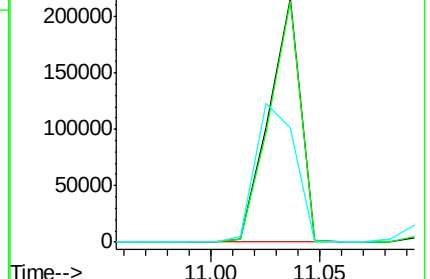
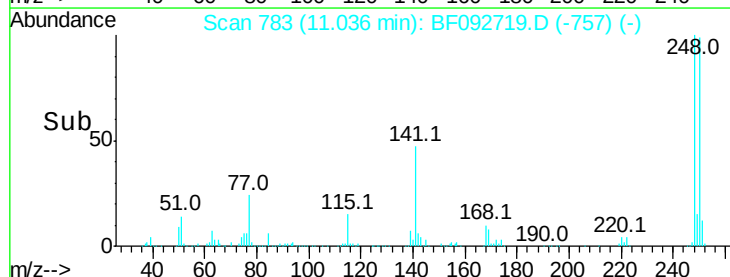
141 47.2 68.2 102.4#

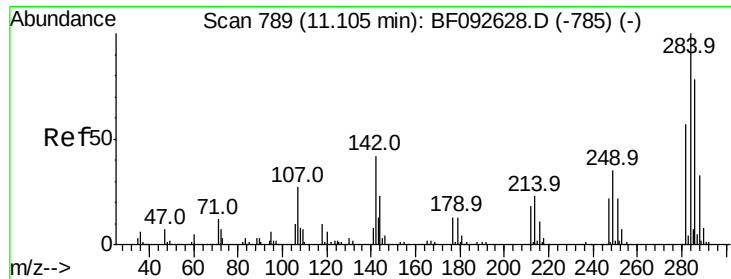


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

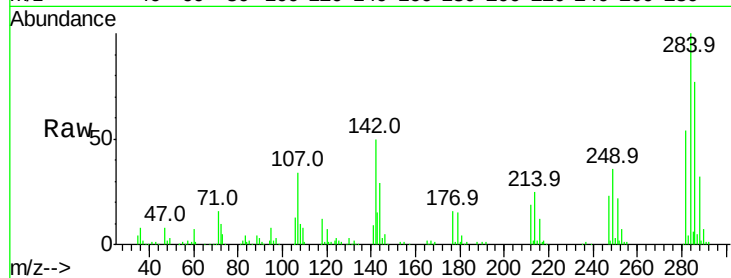




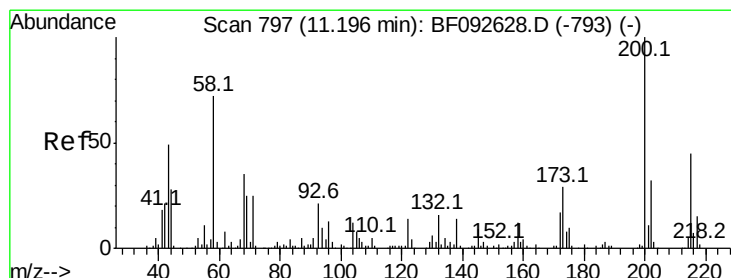
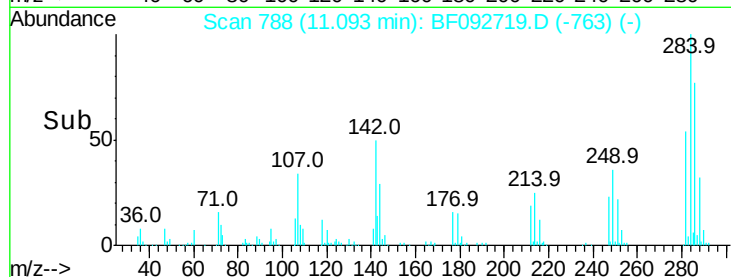
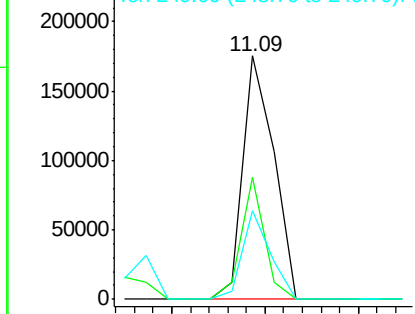
#67
Hexachlorobenzene
Concen: 41.17 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMSD

Tot Ion:284 Resp: 201684
Ion Ratio Lower Upper
284 100
142 50.0 22.6 33.8#
249 36.4 25.4 38.0

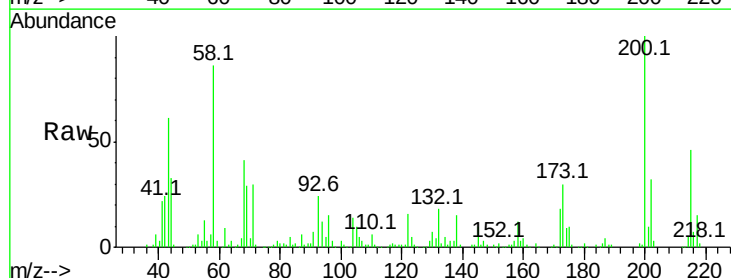


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

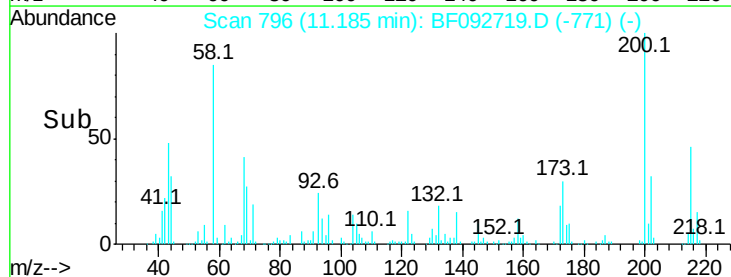
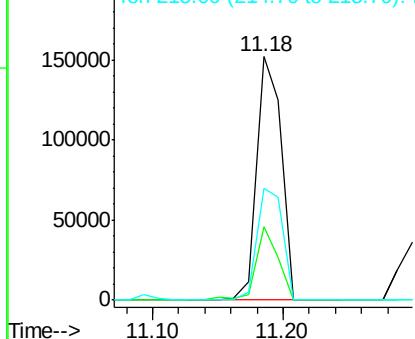


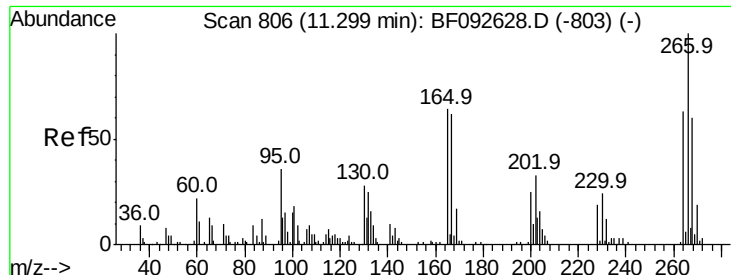
#68
Atrazine
Concen: 40.91 ng
RT: 11.18 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

Tgt Ion:200 Resp: 198984
Ion Ratio Lower Upper
200 100
173 29.9 9.6 49.6
215 46.0 25.7 65.7



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

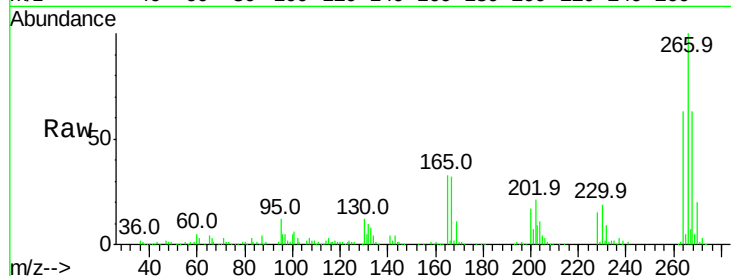




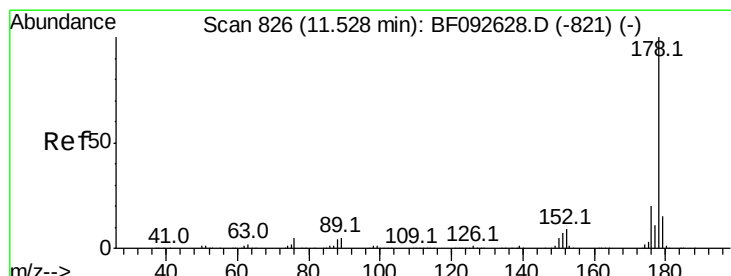
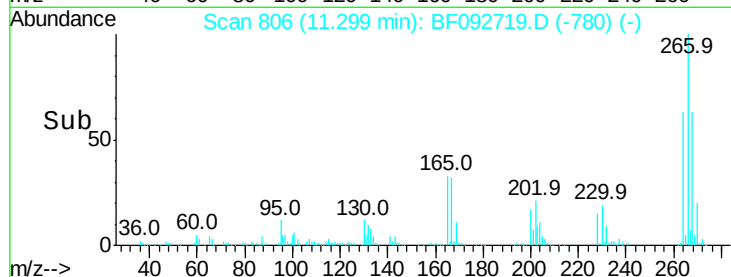
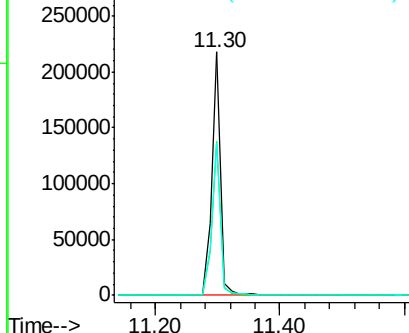
#69
 Pentachlorophenol
 Concen: 82.88 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	53.3	79.9
264	62.7	50.3	75.5

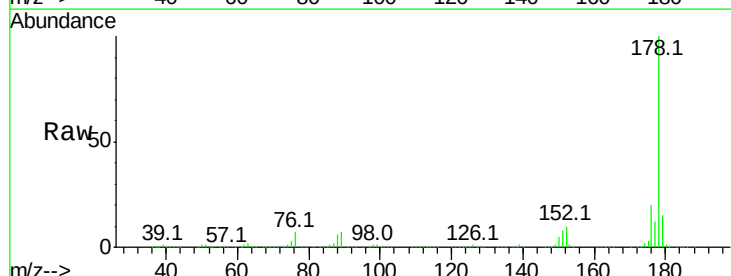


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

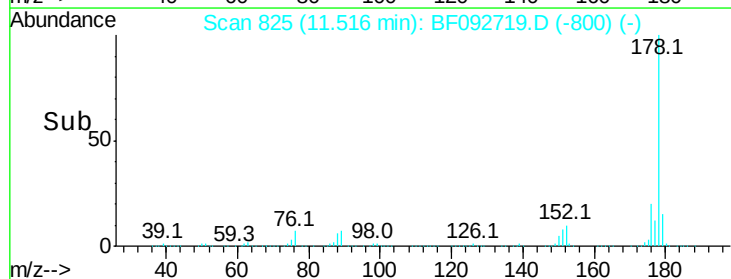
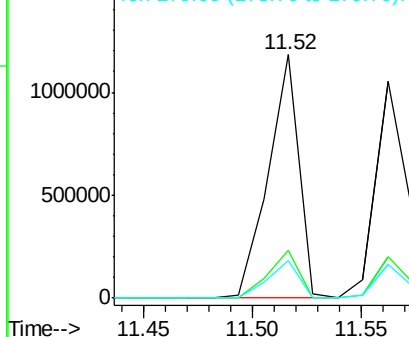


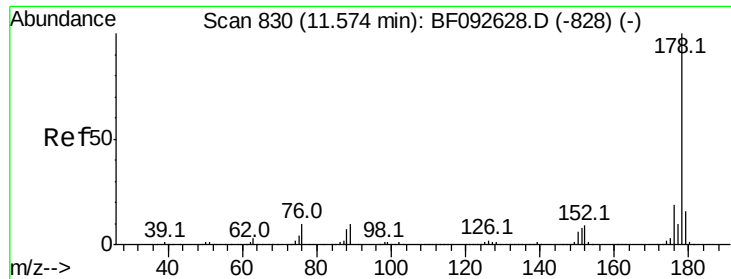
#70
 Phenanthrene
 Concen: 42.84 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.6	25.0
179	15.2	12.8	19.2



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: 39.46 ng

RT: 11.56 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMSD

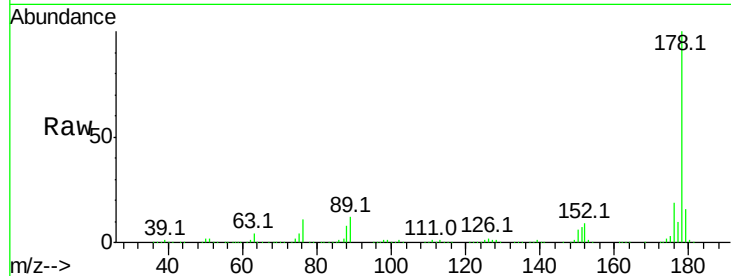
Tot Ion:178 Resp: 1077062

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

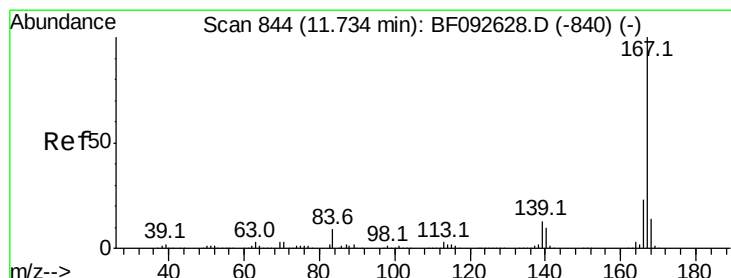
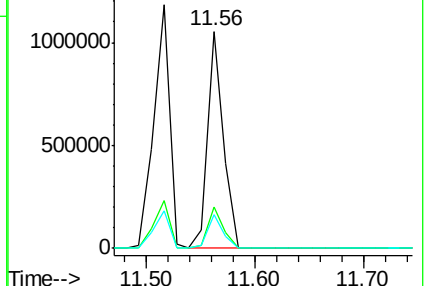
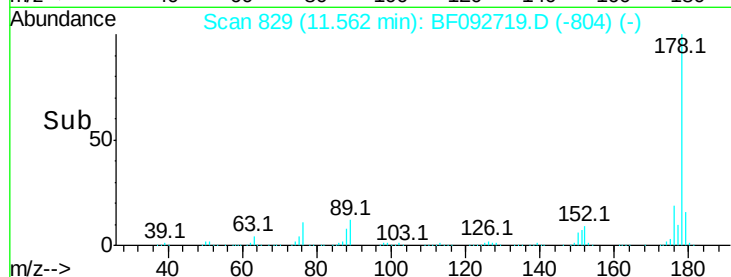
179 15.7 13.2 19.8



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



#72

Carbazole

Concen: 38.31 ng

RT: 11.72 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

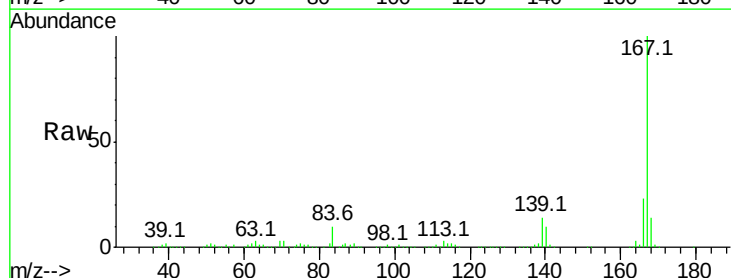
Tgt Ion:167 Resp: 999563

Ion Ratio Lower Upper

167 100

166 22.8 18.2 27.2

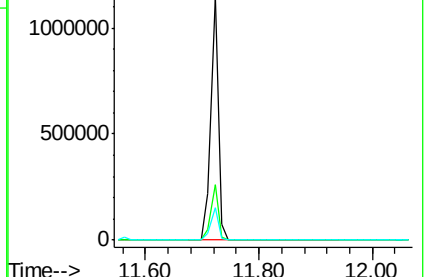
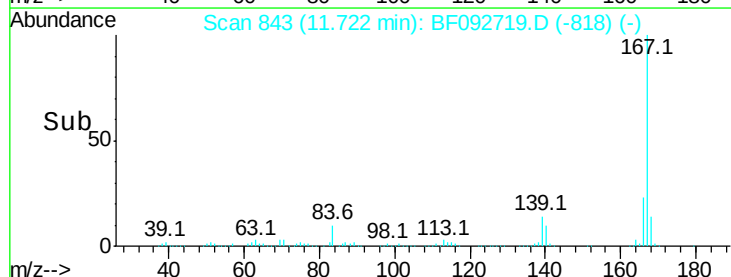
139 13.5 11.4 17.2

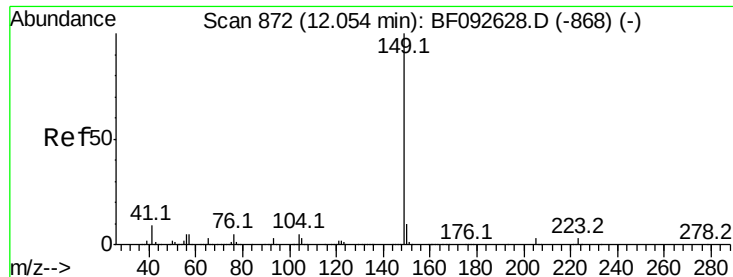


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.86 ng

RT: 12.04 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMSD

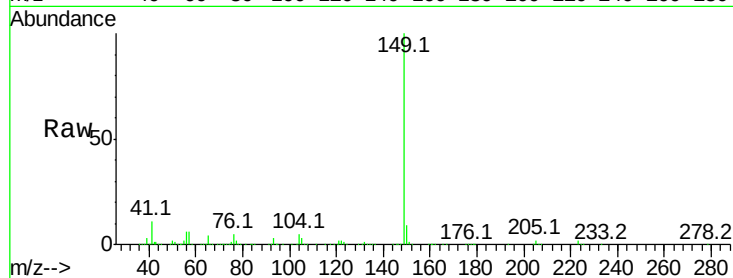
Tot Ion:149 Resp: 1181279

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

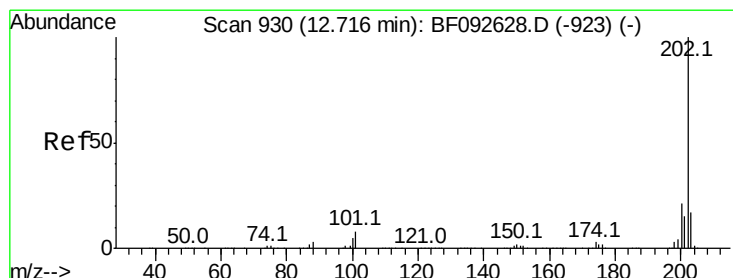
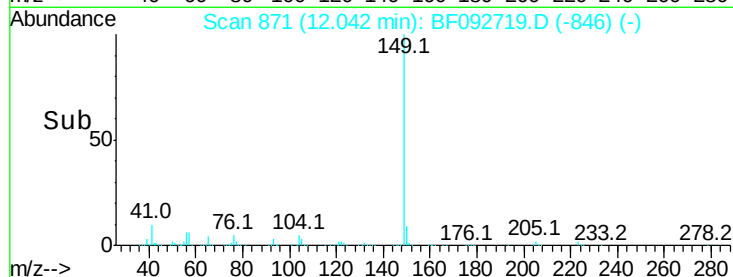
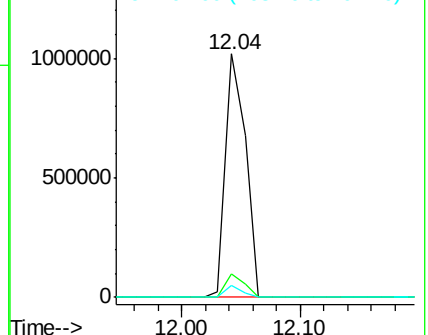
104 4.9 4.6 7.0



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: 39.61 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

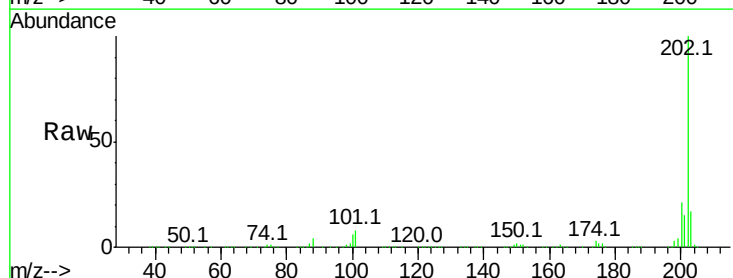
Tgt Ion:202 Resp: 1110462

Ion Ratio Lower Upper

202 100

101 7.9 0.0 34.6

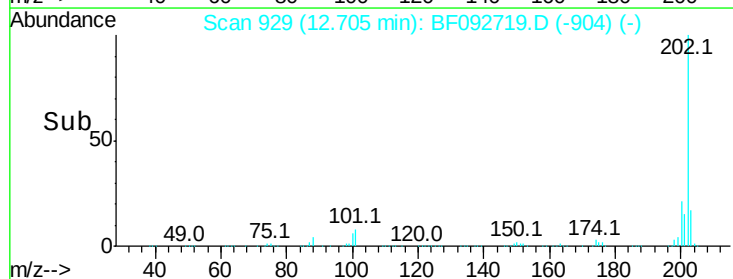
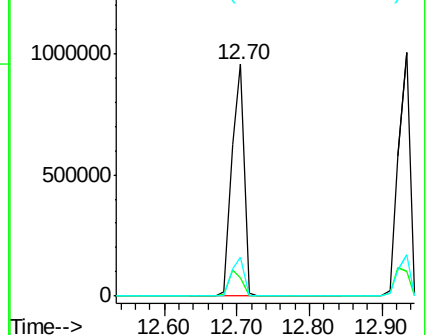
203 16.9 0.0 38.7

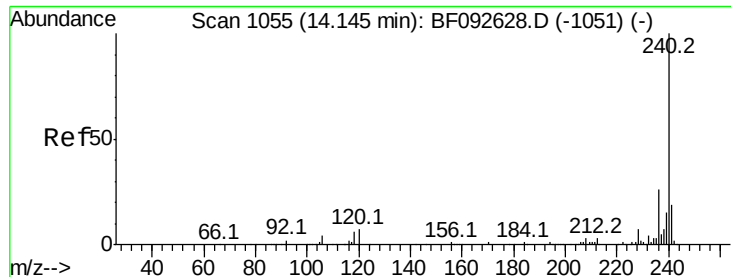


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

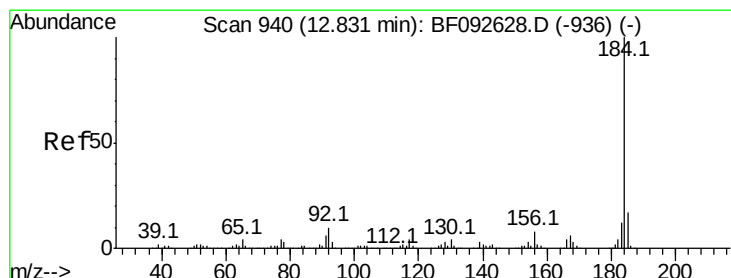
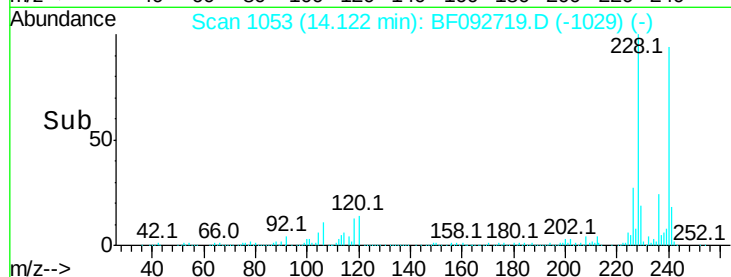
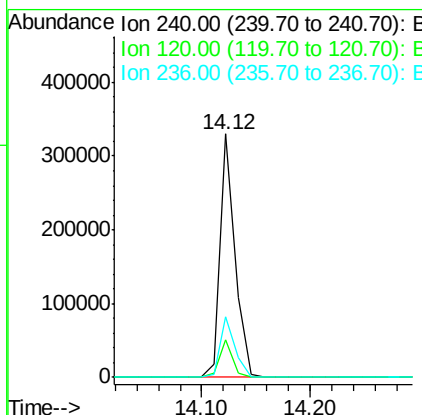
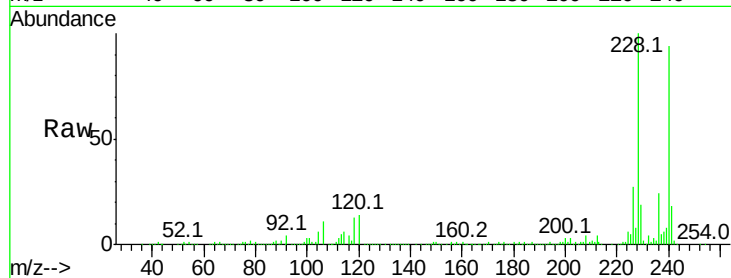




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.12 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

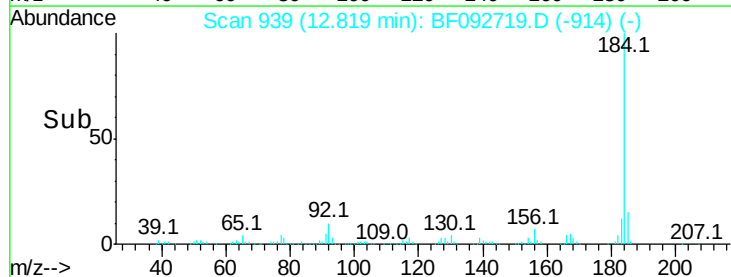
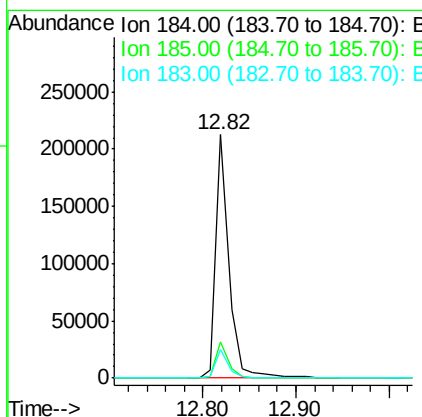
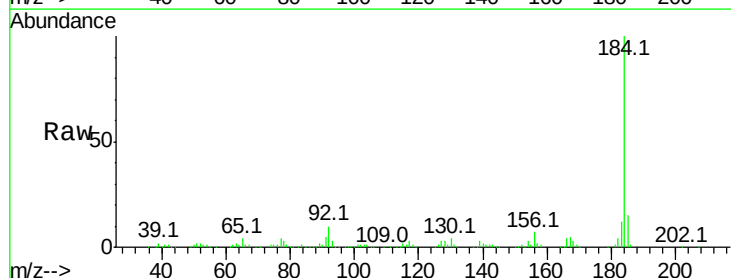
Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMSD

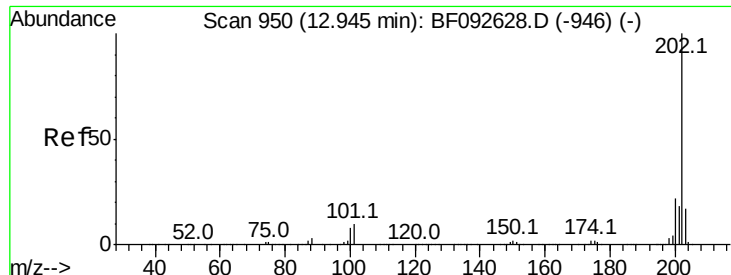
Tot Ion:240 Resp: 318176
 Ion Ratio Lower Upper
 240 100
 120 15.4 12.9 19.3
 236 25.1 20.9 31.3



#76
 Benzidine
 Concen: 15.51 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

Tgt Ion:184 Resp: 210269
 Ion Ratio Lower Upper
 184 100
 185 15.1 13.4 20.0
 183 11.7 9.2 13.8



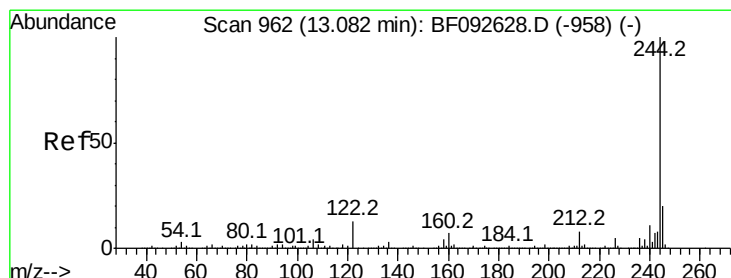
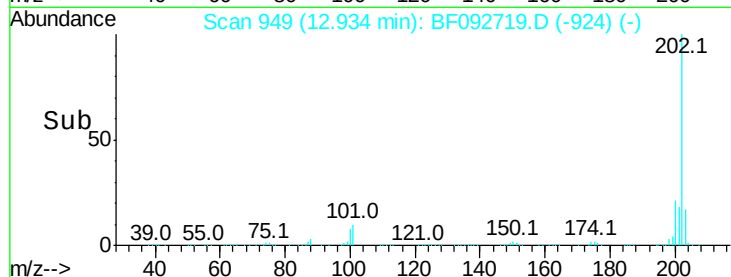
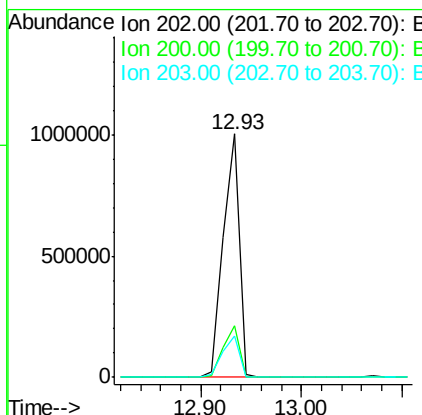
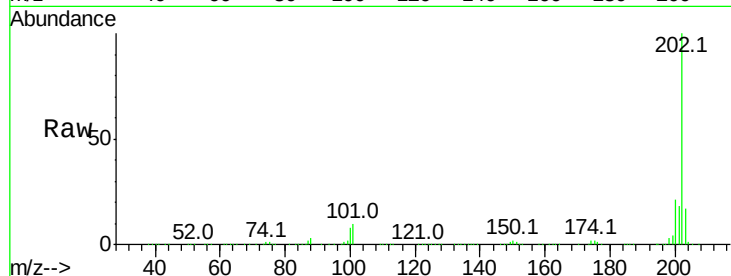


#77
 Pvrene
 Concen: 46.78 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMSD

Tot Ion:202 Resp: 1113854

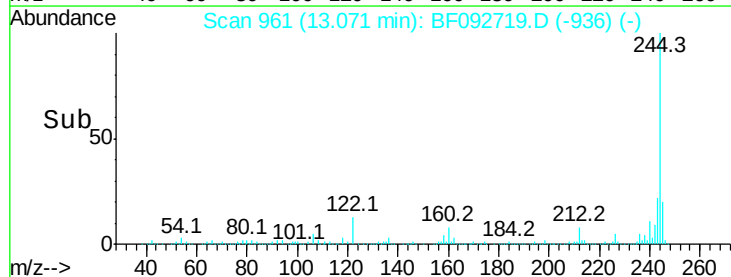
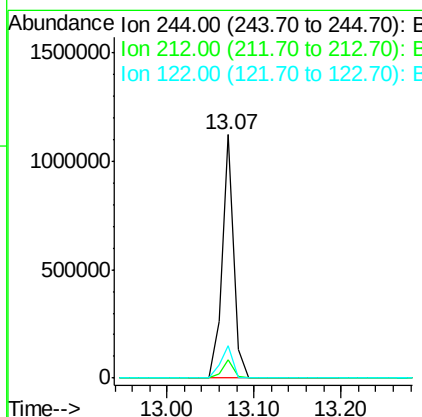
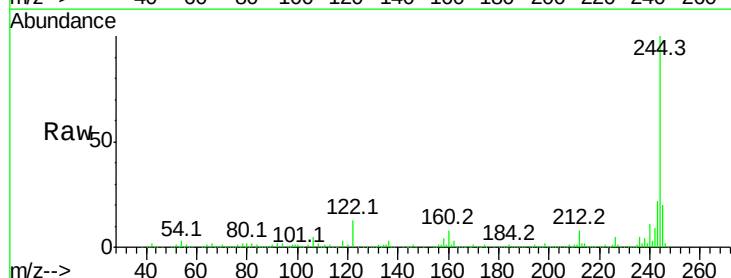
Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	17.2	14.7	22.1

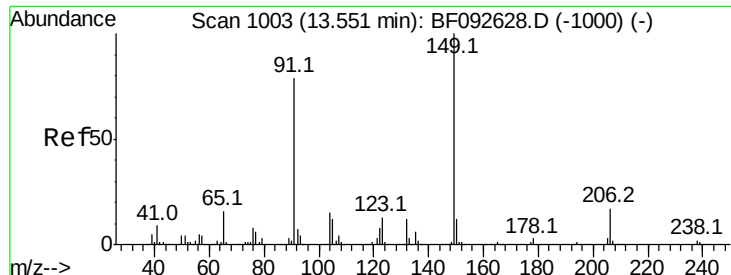


#78
 Terphenyl-d14
 Concen: 77.44 ng
 RT: 13.07 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

Tgt Ion:244 Resp: 1048620

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	13.2	11.4	17.2

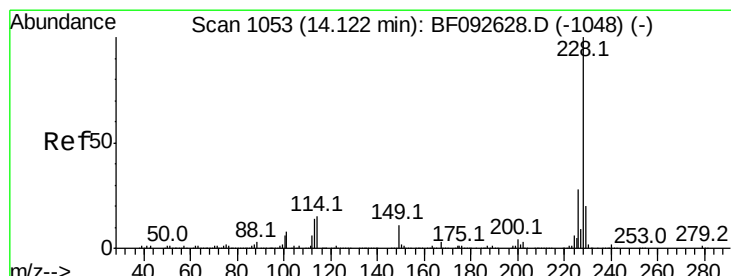
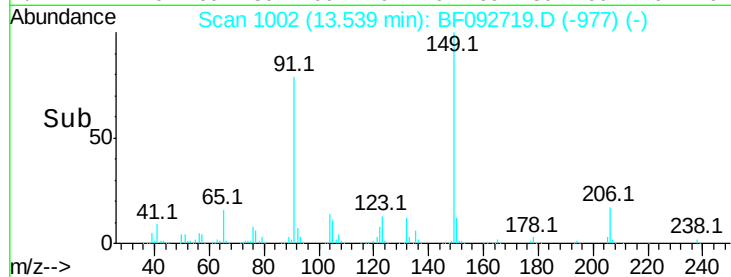
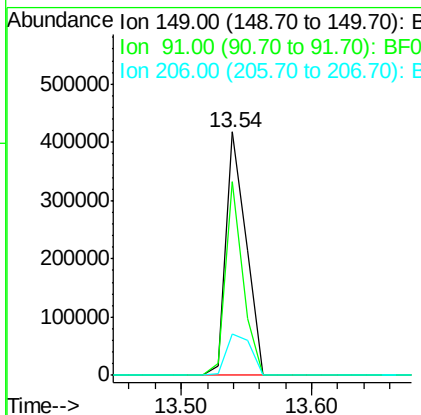
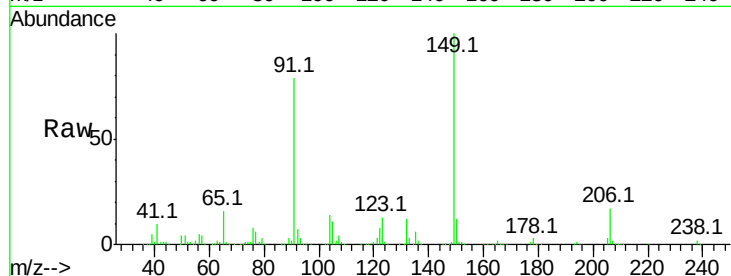




#79
 Butylbenzylphthalate
 Concen: 46.20 ng
 RT: 13.54 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

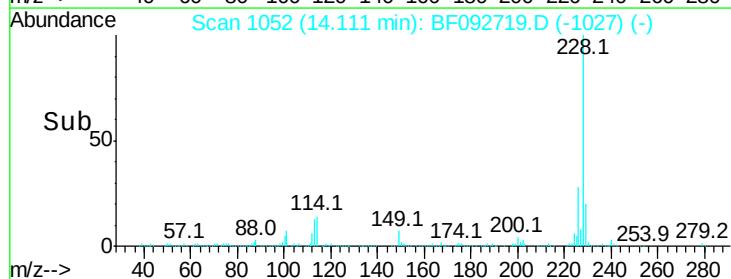
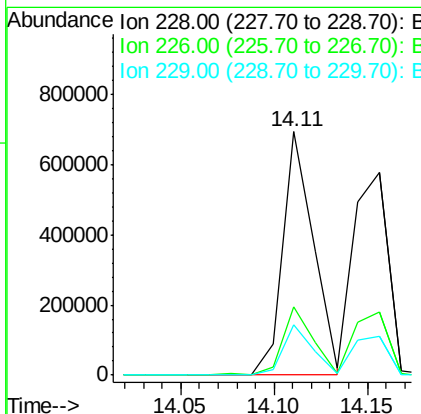
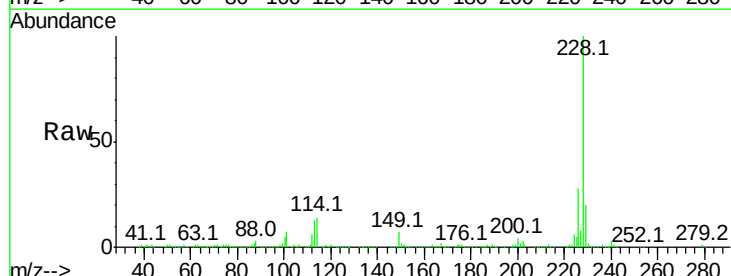
Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMSD

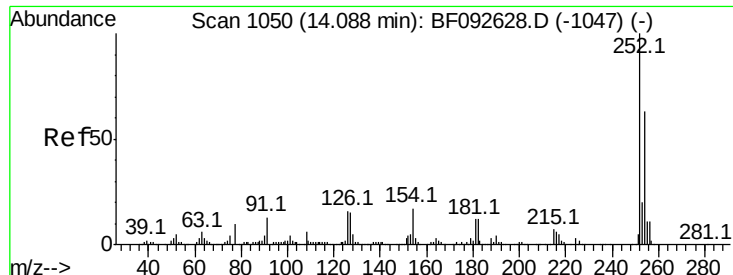
Tot Ion:	149	Resp:	446699
Ion Ratio	Lower	Upper	
149	100		
91	79.5	63.9	95.9
206	17.2	14.6	21.8



#80
 Benzo(a)anthracene
 Concen: 40.75 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

Tgt Ion:	228	Resp:	793001
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.4	33.6
229	20.4	16.2	24.4

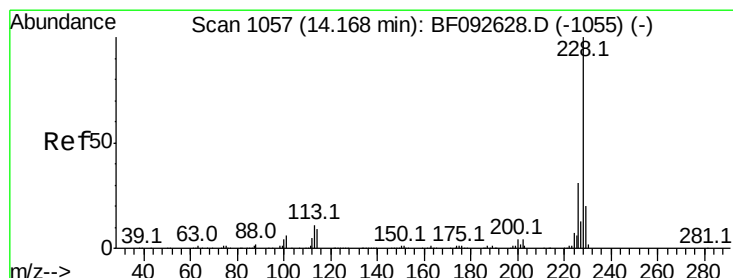
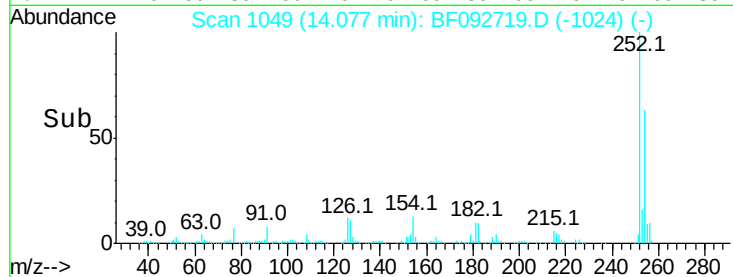
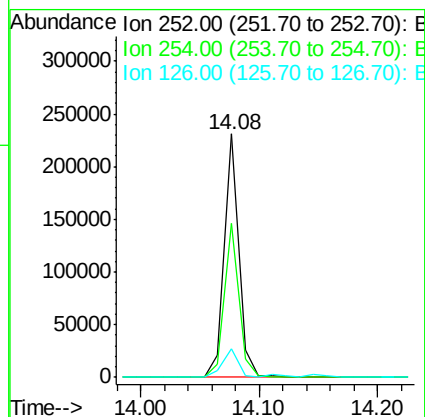
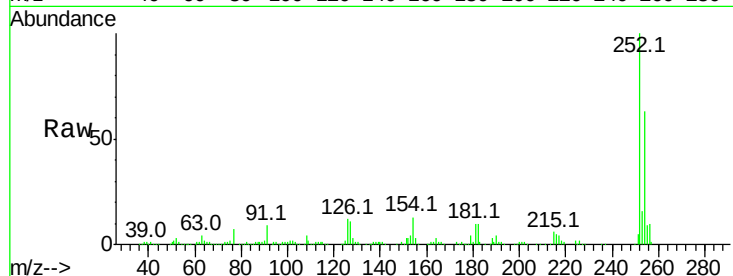




#81
 3,3'-Dichlorobenzidine
 Concen: 27.91 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

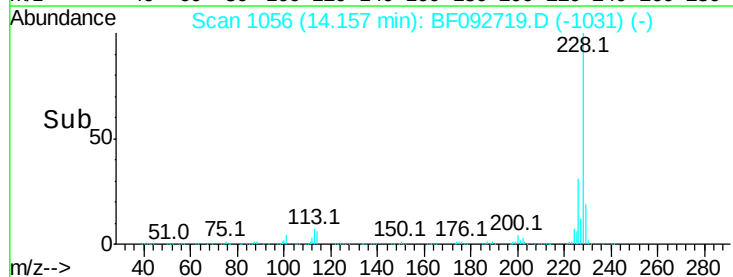
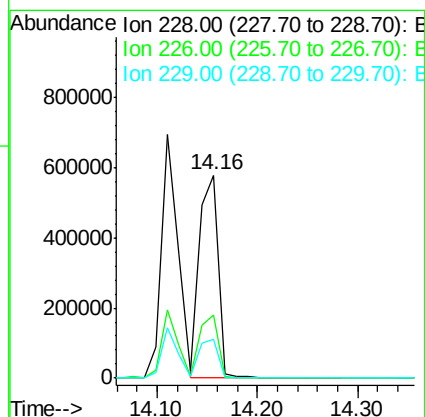
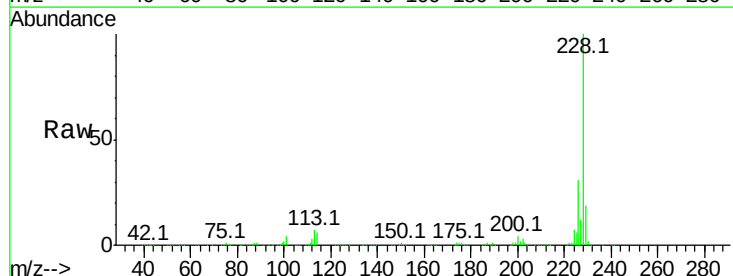
Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMSD

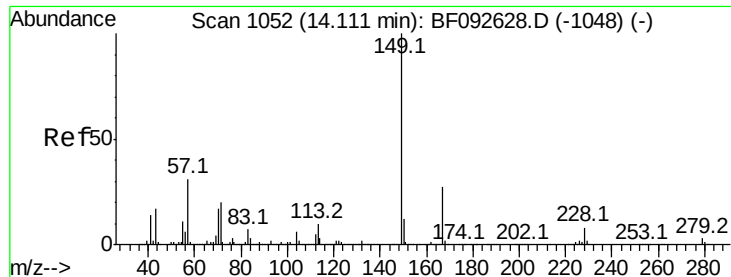
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.3	78.5
126	11.6	13.6	20.4



#82
 Chrysene
 Concen: 41.37 ng
 RT: 14.16 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	19.4	16.2	24.2

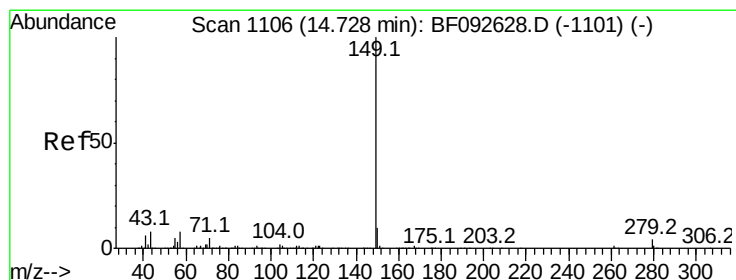
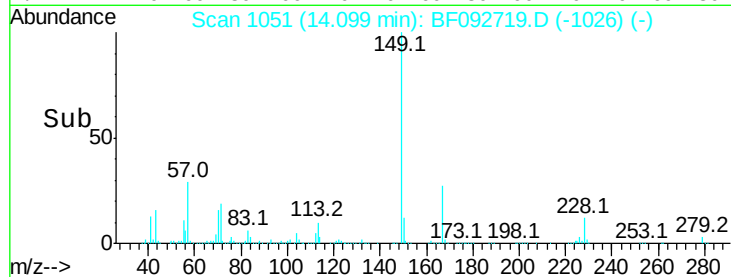
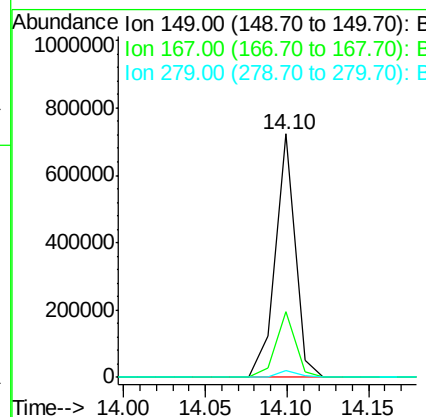
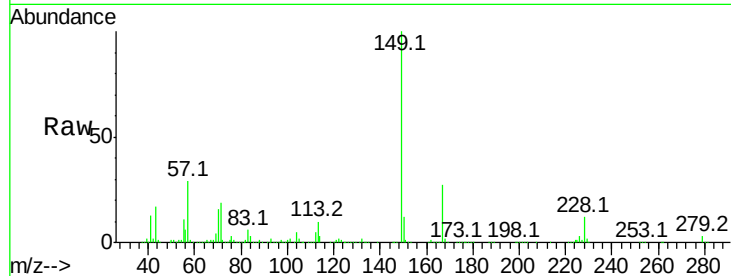




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.82 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

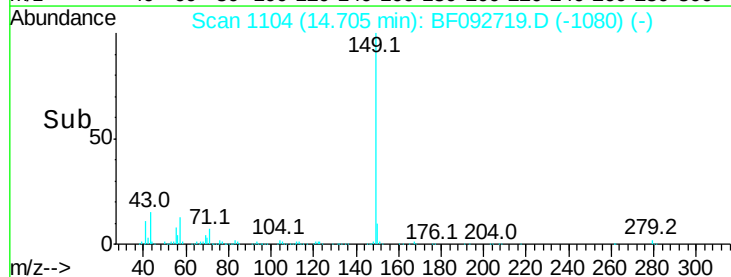
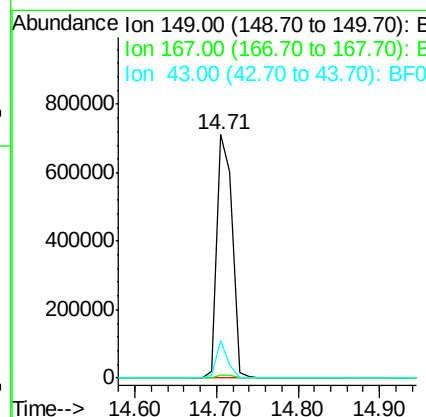
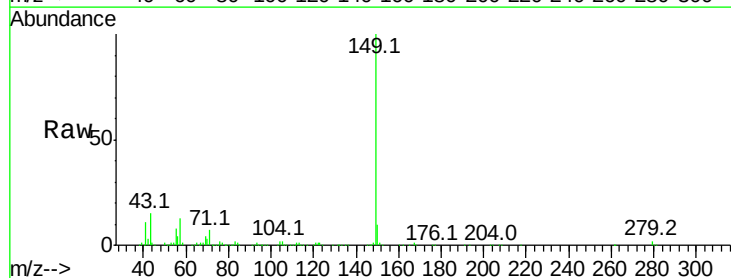
Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMSD

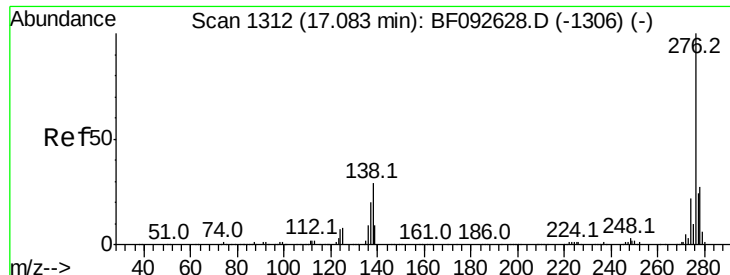
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.2	30.4
279	2.9	1.8	2.8#



#84
 Di-n-octyl phthalate
 Concen: 43.55 ng
 RT: 14.71 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.4	8.9	13.3

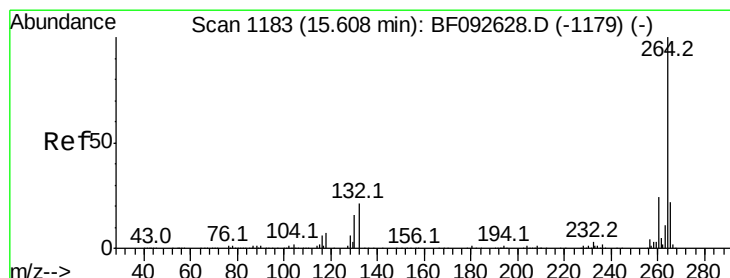
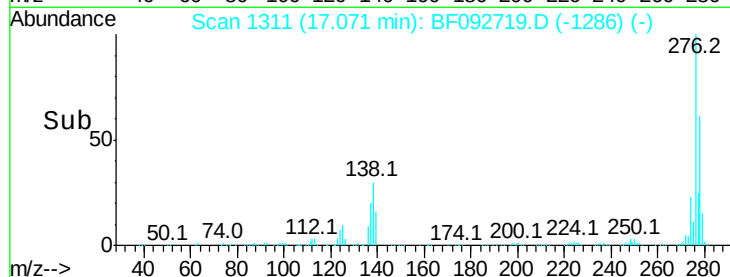
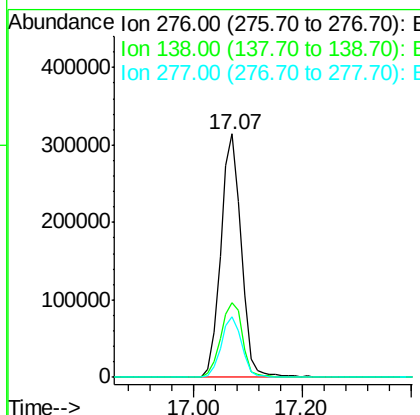
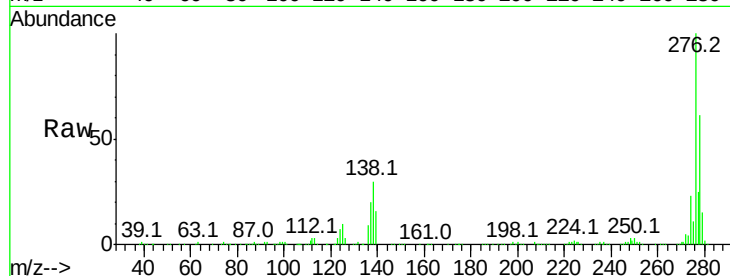




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 58.70 ng
 RT: 17.07 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

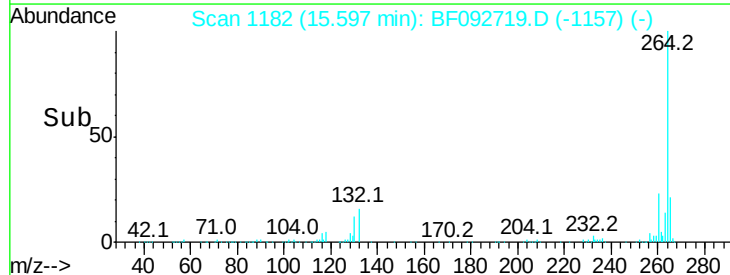
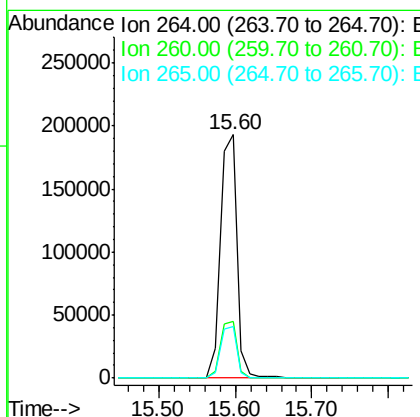
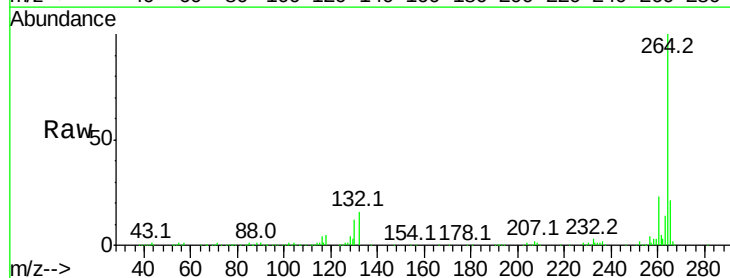
Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMSD

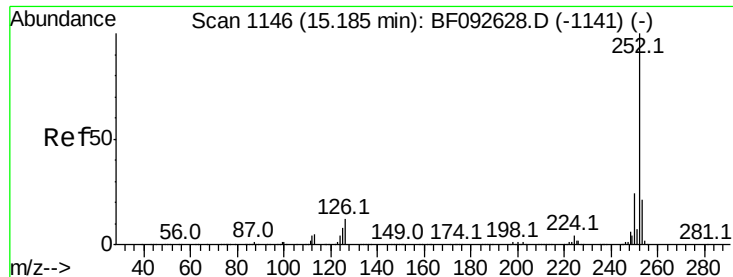
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.7	21.8	32.6#
277	25.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF092719.D
 Acq: 1 Feb 2017 22:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	17.4	26.0

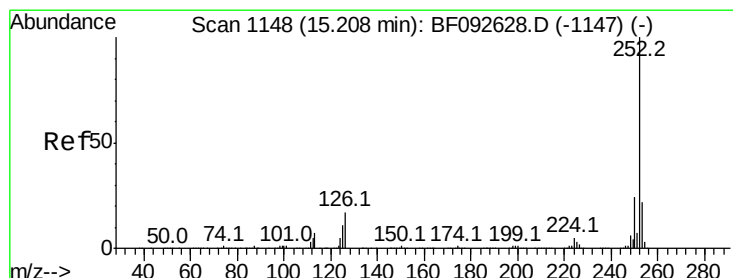
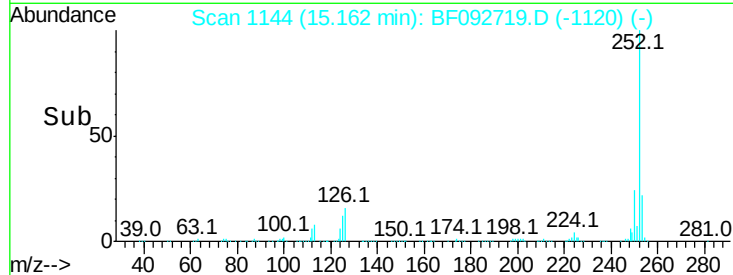
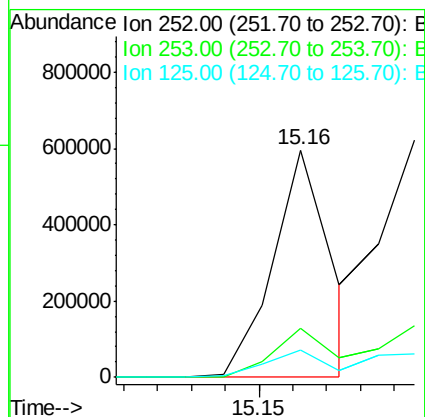
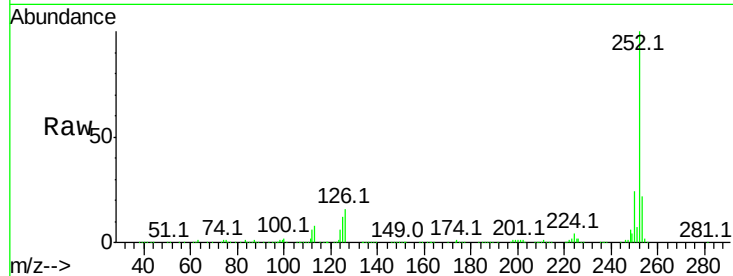




#87
Benzo(b)fluoranthene
Concen: 36.63 ng m
RT: 15.16 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

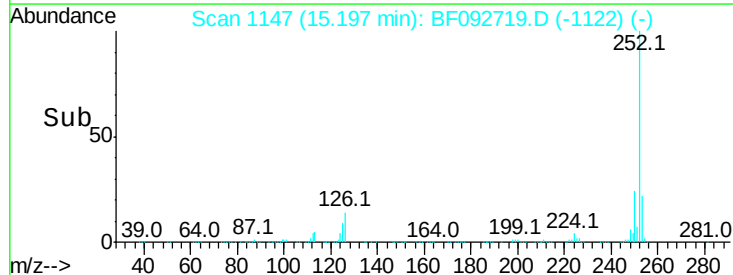
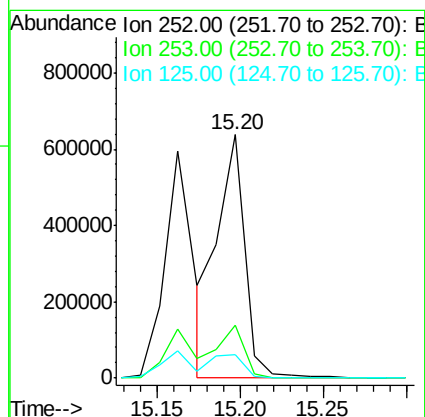
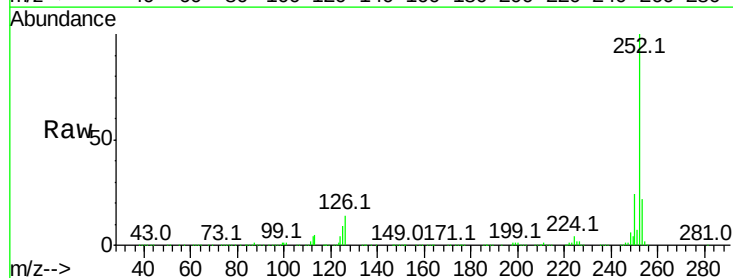
Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMSD

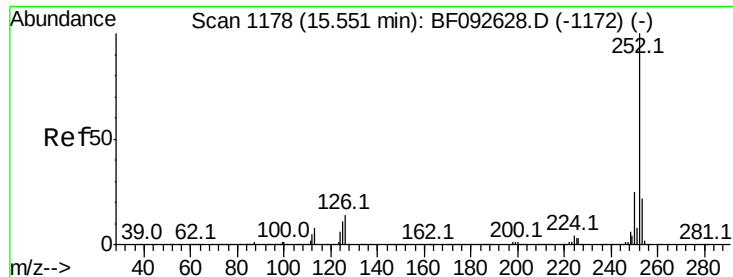
Tot Ion:252 Resp: 708611
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 12.2 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 44.08 ng m
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

Tgt Ion:252 Resp: 736218
Ion Ratio Lower Upper
252 100
253 21.9 18.5 27.7
125 9.4 8.9 13.3

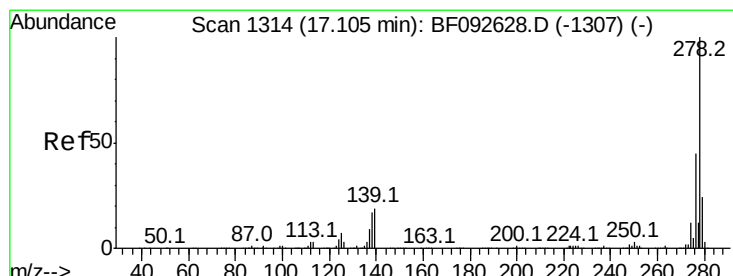
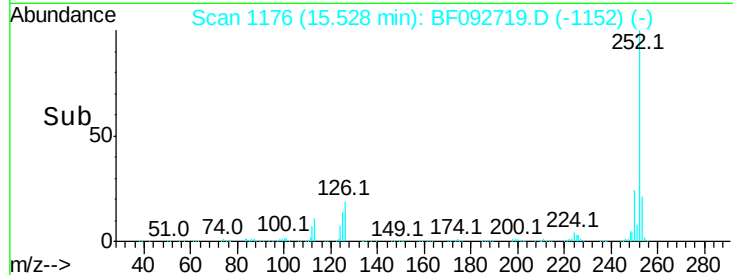
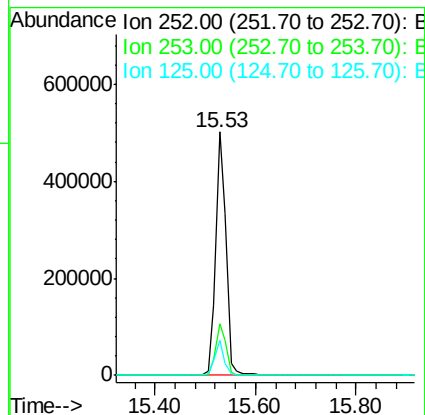
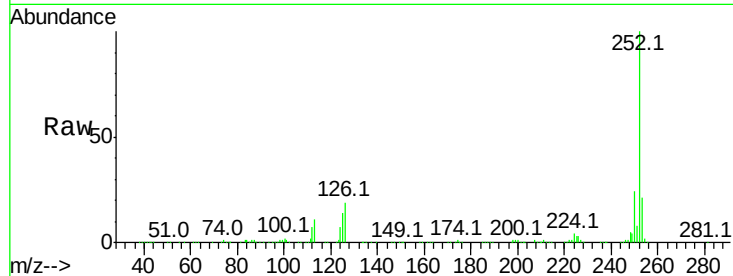




#89
Benzo(a)pyrene
Concen: 42.63 ng
RT: 15.53 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

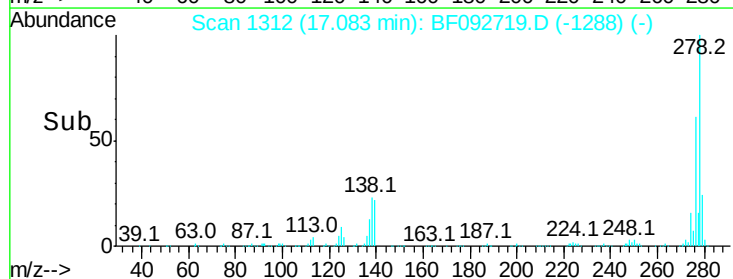
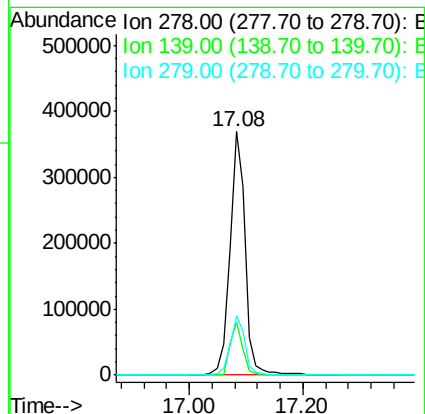
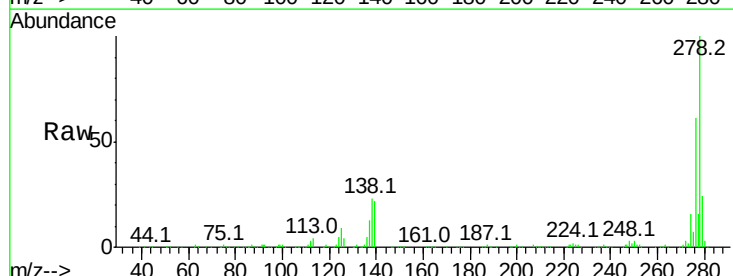
Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMSD

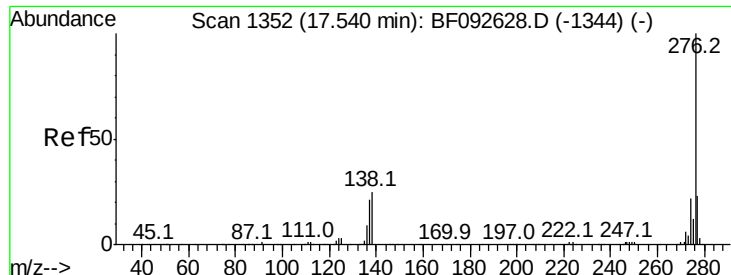
Tot Ion:252 Resp: 713236
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.2
125 14.2 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 51.42 ng
RT: 17.08 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF092719.D
Acq: 1 Feb 2017 22:04

Tgt Ion:278 Resp: 695299
Ion Ratio Lower Upper
278 100
139 21.7 14.8 22.2
279 24.2 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 56.50 ng

RT: 17.52 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF092719.D

Acq: 1 Feb 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMSD

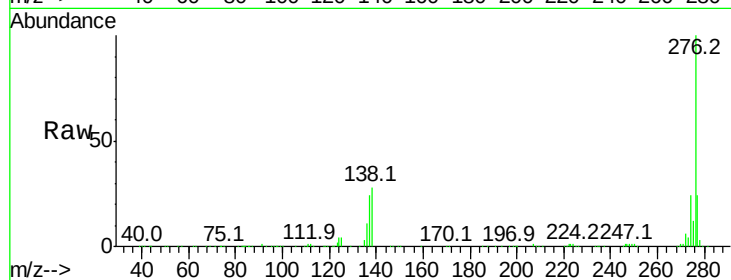
Tot Ion:276 Resp: 771834

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 28.4 16.0 24.0



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

