

Data File : BF093110.D
Acq On : 23 Feb 2017 17:57
Operator : SJ/MA
Sample : I1952-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

Quant Time: Feb 23 23:48:07 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	154990	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	624833	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	298532	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	539143	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	429178	20.00	ng	-0.02
86) Perylene-d12	15.43	264	366350	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1220982	135.15	ng	0.00
7) Phenol-d6	6.49	99	1477527	127.11	ng	0.00
23) Nitrobenzene-d5	7.41	82	893653	79.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	285014	132.00	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1681652	102.05	ng	-0.01
78) Terphenyl-d14	12.95	244	1320545	72.30	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	180697	37.02	ng	# 85
3) Pyridine	3.17	79	491556	39.60	ng	87
4) n-Nitrosodimethylamine	3.14	42	233667	40.09	ng	89
6) Aniline	6.50	93	445464	28.09	ng	# 64
8) 2-Chlorophenol	6.62	128	431743	43.32	ng	94
9) Benzaldehyde	6.38	77	201438	24.19	ng	95
10) Phenol	6.50	94	664194	48.84	ng	88
11) bis(2-Chloroethyl)ether	6.58	93	425598	39.21	ng	92
12) 1,3-Dichlorobenzene	6.78	146	477402	40.90	ng	96
13) 1,4-Dichlorobenzene	6.85	146	474249	40.14	ng	100
14) 1,2-Dichlorobenzene	7.01	146	471363	41.72	ng	97
15) Benzyl Alcohol	6.99	79	352420	40.95	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	778839	41.30	ng	94
17) 2-Methylphenol	7.10	107	353564	41.35	ng	98
18) Hexachloroethane	7.36	117	166524	41.29	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	303475	41.01	ng	98
20) 3+4-Methylphenols	7.26	107	422472	41.33	ng	97
22) Acetophenone	7.25	105	580613	40.70	ng	# 96
24) Nitrobenzene	7.44	77	506157	43.93	ng	# 87
25) Isophorone	7.68	82	888241	42.48	ng	99
26) 2-Nitrophenol	7.74	139	230610	42.11	ng	93
27) 2,4-Dimethylphenol	7.79	122	401852	41.78	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	546909	39.50	ng	98
29) 2,4-Dichlorophenol	8.00	162	381238	42.50	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	395368	40.90	ng	99
31) Naphthalene	8.16	128	1243162	39.25	ng	98
32) Benzoic acid	7.79	122	401852	69.90	ng	# 12
33) 4-Chloroaniline	8.20	127	269105	21.66	ng	97
34) Hexachlorobutadiene	8.27	225	209792	39.44	ng	98
35) Caprolactam	8.58	113	81577	28.91	ng	# 48
36) 4-Chloro-3-methylphenol	8.69	107	381818	40.83	ng	99
37) 2-Methylnaphthalene	8.84	142	853653	41.98	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	354933	42.35	ng	99
40) Hexachlorocyclopentadiene	8.99	237	290158	76.74	ng	95

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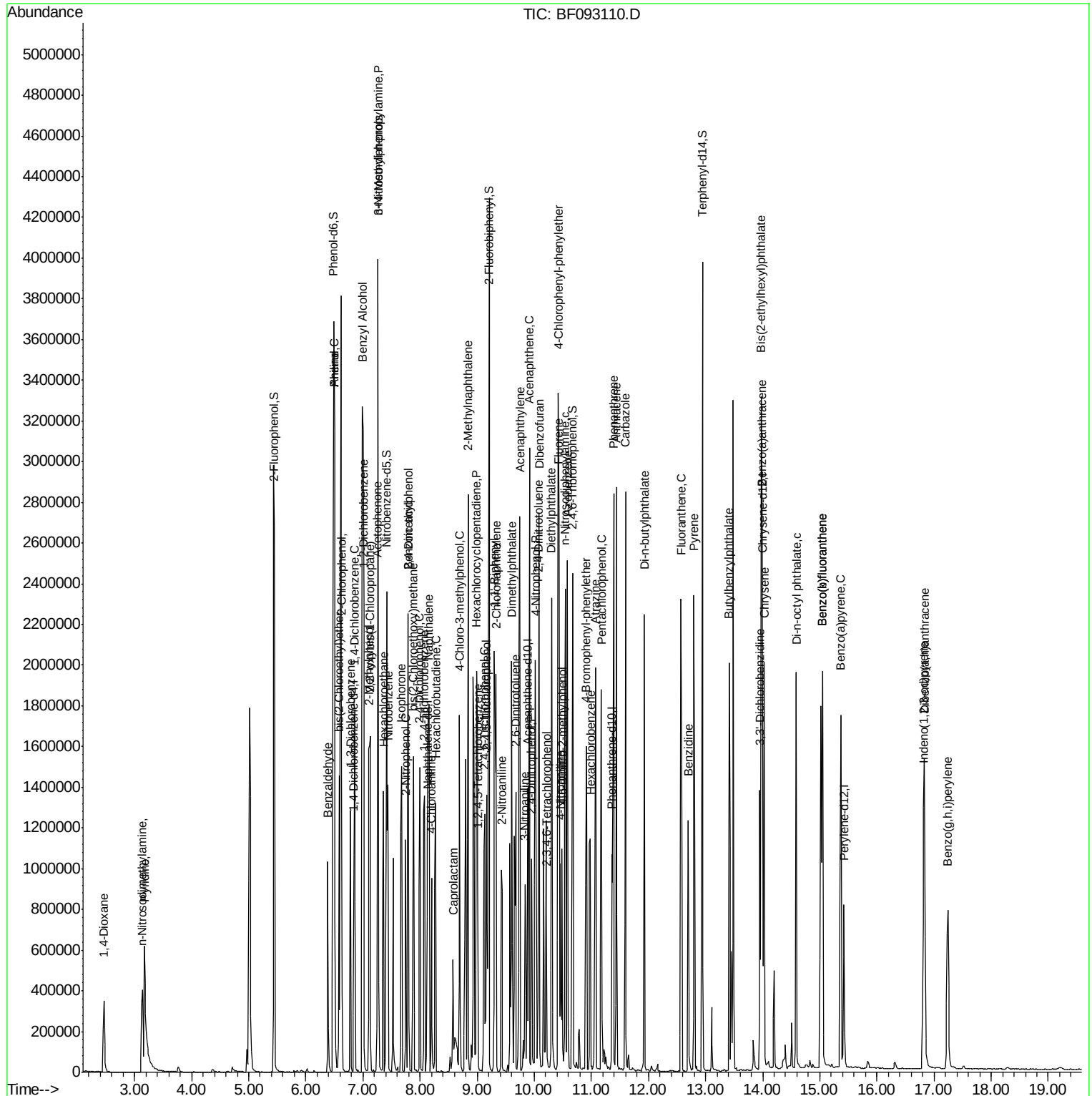
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	255254	46.36	ng	96
43) 2,4,5-Trichlorophenol	9.16	196	257052	42.61	ng	96
45) 1,1'-Biphenyl	9.30	154	951802	44.03	ng	95
46) 2-Chloronaphthalene	9.33	162	820909	48.54	ng	95
47) 2-Nitroaniline	9.42	65	255815	44.99	ng	91
48) Acenaphthylene	9.74	152	1261369	43.18	ng	99
49) Dimethylphthalate	9.61	163	1061247	52.78	ng	99
50) 2,6-Dinitrotoluene	9.68	165	224757	51.76	ng	93
51) Acenaphthene	9.92	154	746532	42.74	ng	96
52) 3-Nitroaniline	9.84	138	155608	31.31	ng	95
53) 2,4-Dinitrophenol	9.95	184	129536	59.90	ng	# 61
54) Dibenzofuran	10.09	168	1094456	46.85	ng	94
55) 4-Nitrophenol	10.02	139	333634	93.21	ng	88
56) 2,4-Dinitrotoluene	10.08	165	236179	40.85	ng	# 92
57) Fluorene	10.43	166	844320	46.98	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	200227	49.75	ng	97
59) Diethylphthalate	10.30	149	852447	44.98	ng	98
60) 4-Chlorophenyl-phenylether	10.42	204	370124	42.87	ng	88
61) 4-Nitroaniline	10.45	138	219798	43.18	ng	94
62) Azobenzene	10.58	77	1001004	51.13	ng	96
64) 4,6-Dinitro-2-methylphenol	10.49	198	147394	45.09	ng	# 74
65) n-Nitrosodiphenylamine	10.54	169	755160	43.85	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	235714	41.85	ng	# 87
67) Hexachlorobenzene	10.98	284	230799	41.46	ng	# 91
68) Atrazine	11.07	200	232014	41.98	ng	98
69) Pentachlorophenol	11.17	266	228073	79.43	ng	97
70) Phenanthrene	11.39	178	1279008	41.41	ng	98
71) Anthracene	11.44	178	1164469	37.54	ng	99
72) Carbazole	11.60	167	1113839	37.56	ng	99
73) Di-n-butylphthalate	11.93	149	1457684	45.46	ng	# 96
74) Fluoranthene	12.57	202	1221060	38.32	ng	97
76) Benzidine	12.69	184	492090	26.91	ng	97
77) Pyrene	12.80	202	1223980	38.11	ng	99
79) Butylbenzylphthalate	13.41	149	588197	45.10	ng	99
80) Benzo(a)anthracene	13.99	228	1001744	38.16	ng	100
81) 3,3'-Dichlorobenzidine	13.95	252	268704	28.72	ng	# 97
82) Chrysene	14.03	228	1026599	41.77	ng	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	764582	42.86	ng	99
84) Di-n-octyl phthalate	14.59	149	1394439	48.01	ng	100
85) Indeno(1,2,3-cd)pyrene	16.82	276	750726	39.44	ng	# 94
87) Benzo(b)fluoranthene	15.05	252	1823168	75.61	ng	# 97
88) Benzo(k)fluoranthene	15.05	252	1823395	87.58	ng	97
89) Benzo(a)pyrene	15.37	252	839974	40.27	ng	99
90) Dibenzo(a,h)anthracene	16.83	278	638296	37.86	ng	97
91) Benzo(g,h,i)perylene	17.24	276	624135	36.65	ng	# 93

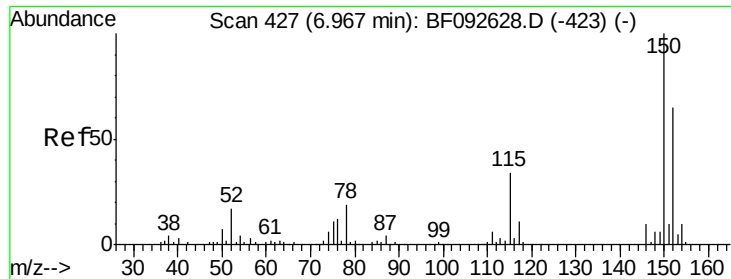
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 8 Sample Multiplier: 1

SPARTA-FINE-SANDMS

Response via : Initial Calibration

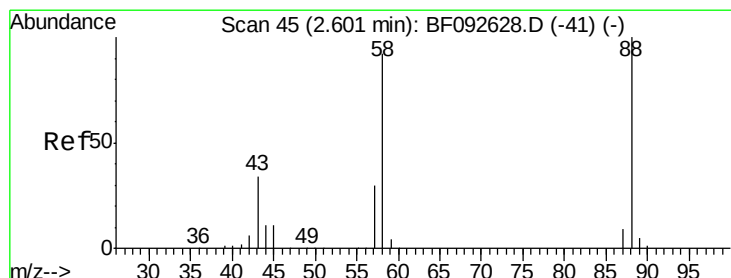
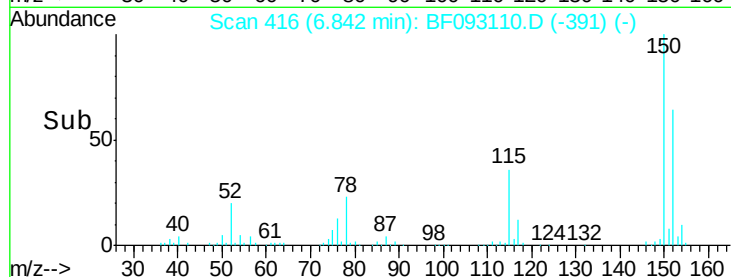
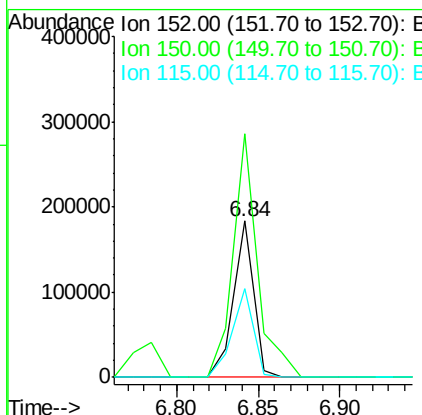
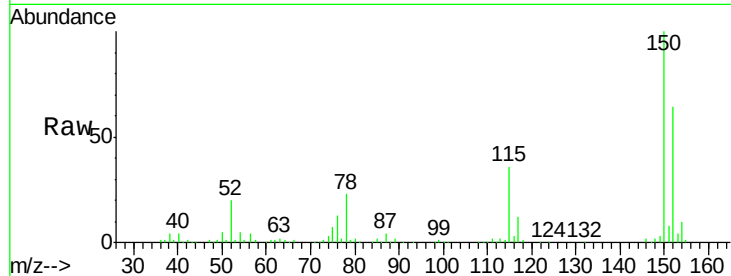




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

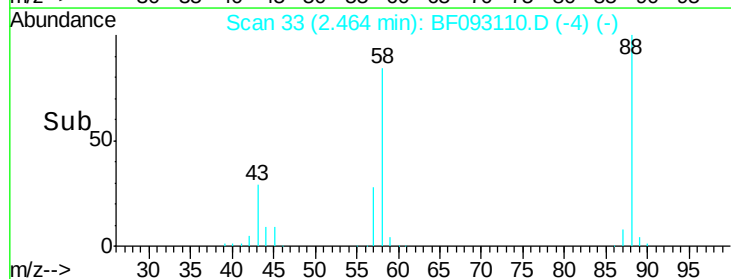
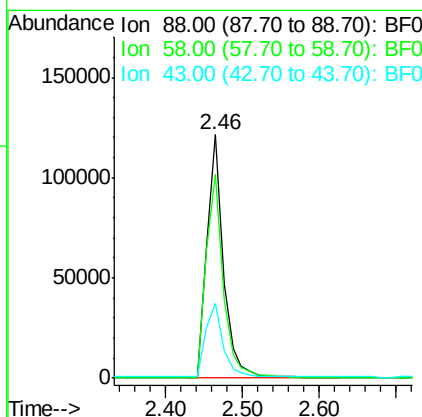
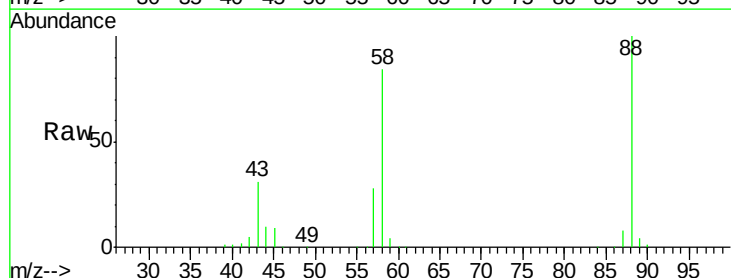
Instrument :
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 ClientSampleId :
 SPARTA-FINE-SANDMS

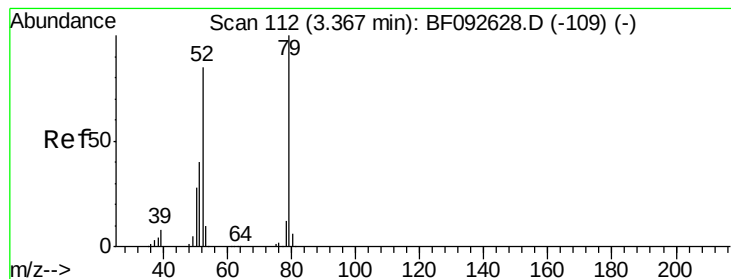
Tgt Ion:152 Resp: 154990
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.9 187.3
 115 56.5 46.0 69.0



#2
 1,4-Dioxane
 Concen: 37.02 ng
 RT: 2.46 min Scan# 33
 Delta R.T. 0.03 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion: 88 Resp: 180697
 Ion Ratio Lower Upper
 88 100
 58 87.3 57.8 86.8#
 43 31.2 22.3 33.5





#3

Pyridine

Concen: 39.60 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.02 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS

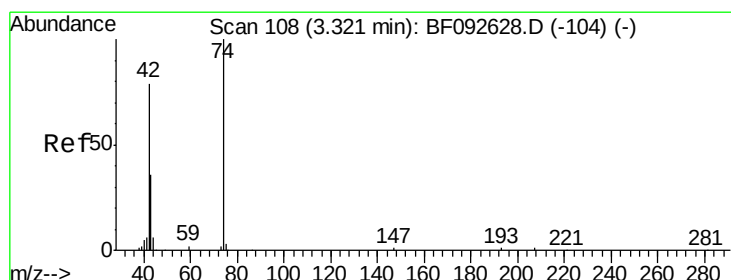
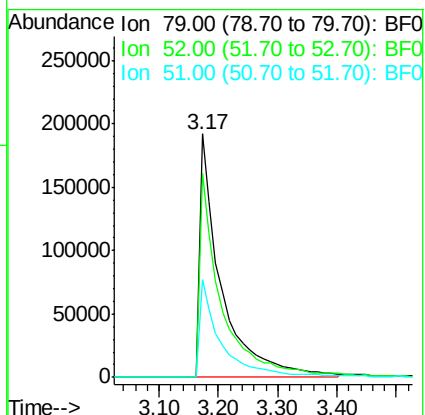
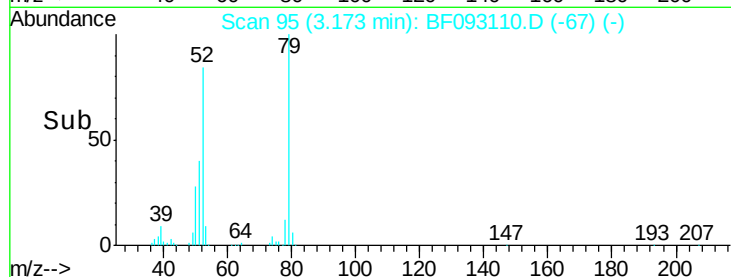
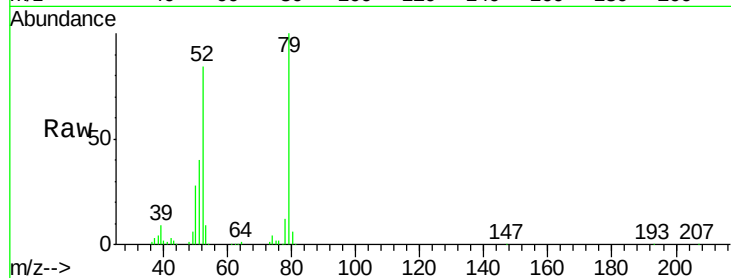
Tgt Ion: 79 Resp: 491556

Ion Ratio Lower Upper

79 100

52 83.7 57.1 85.7

51 40.0 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 40.09 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.03 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

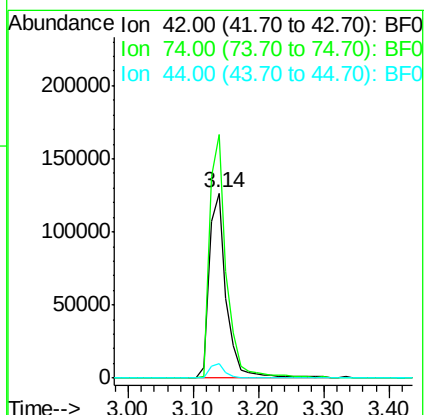
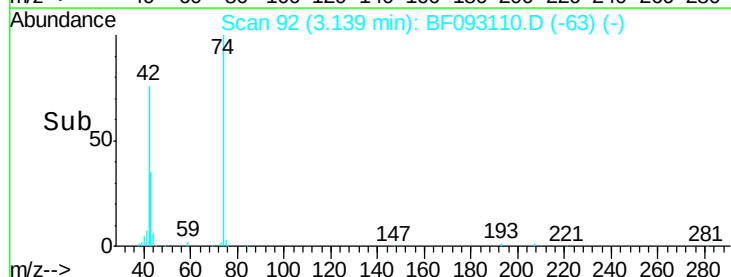
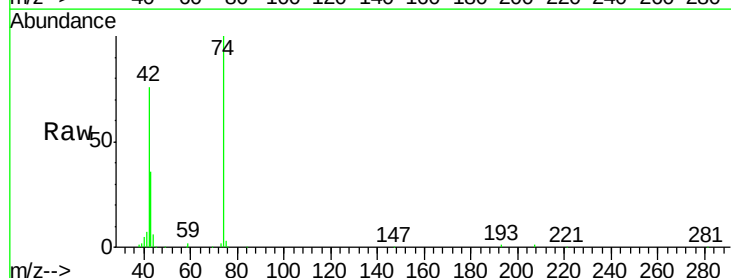
Tgt Ion: 42 Resp: 233667

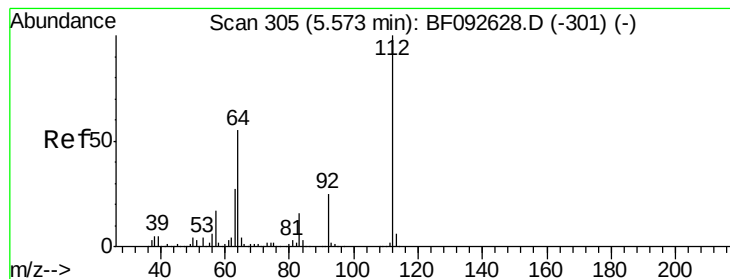
Ion Ratio Lower Upper

42 100

74 131.7 117.0 175.4

44 8.2 5.5 8.3





#5

2-Fluorophenol

Concen: 135.15 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS

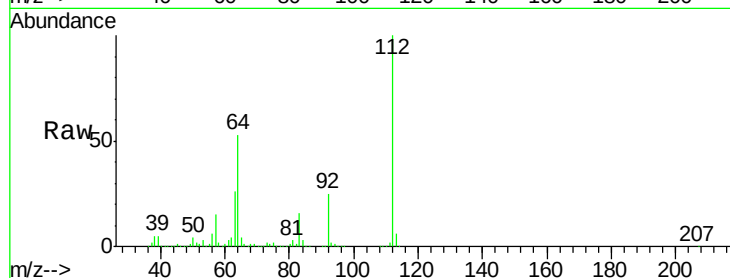
Tgt Ion: 112 Resp: 1220982

Ion Ratio Lower Upper

112 100

64 52.7 46.1 69.1

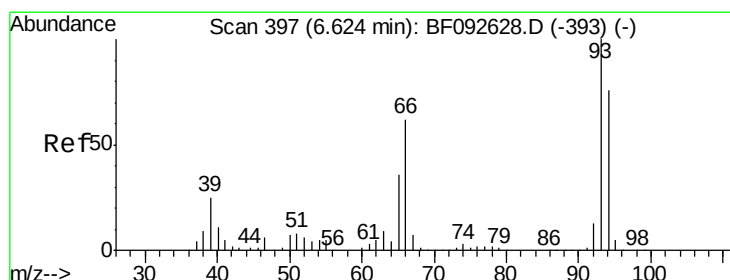
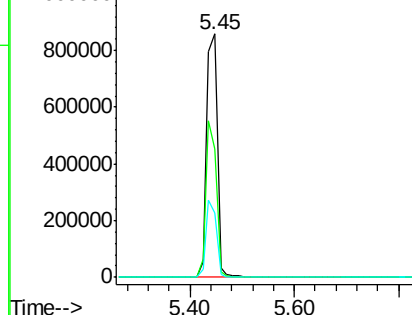
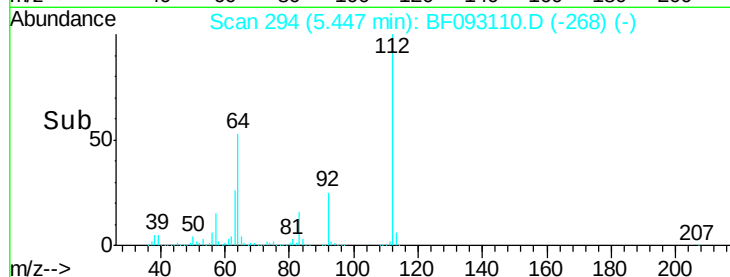
63 26.3 23.8 35.6



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: 28.09 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

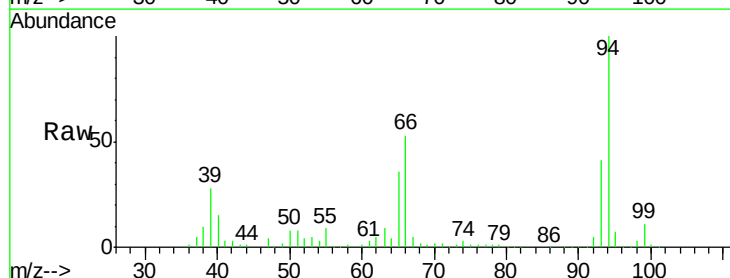
Tgt Ion: 93 Resp: 445464

Ion Ratio Lower Upper

93 100

66 131.1 76.2 114.2#

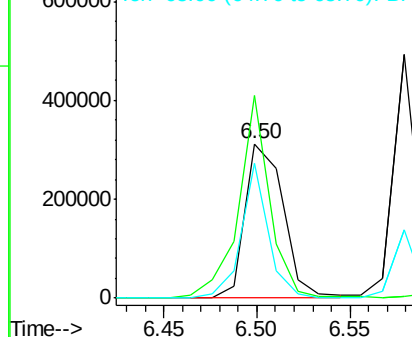
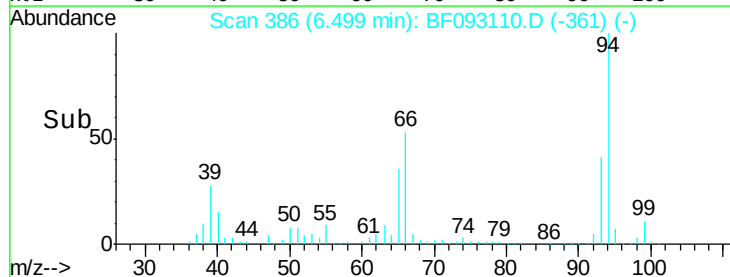
65 87.7 49.3 73.9#

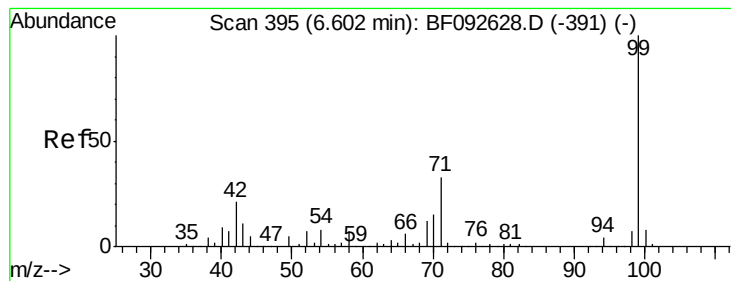


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.11 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF093110.D

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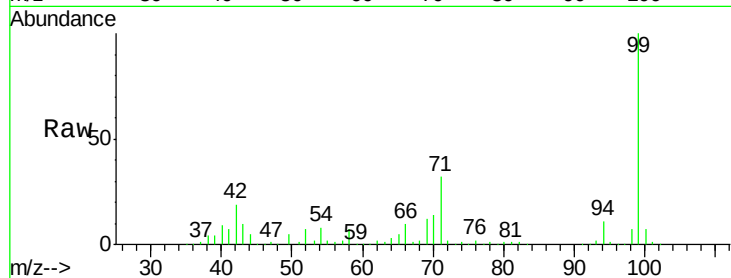
Tgt Ion: 99 Resp: 1477527

Ion Ratio Lower Upper

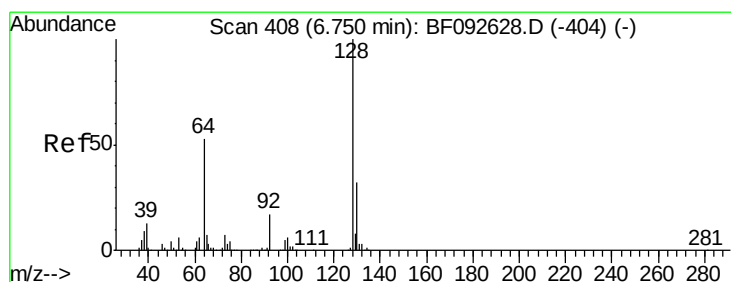
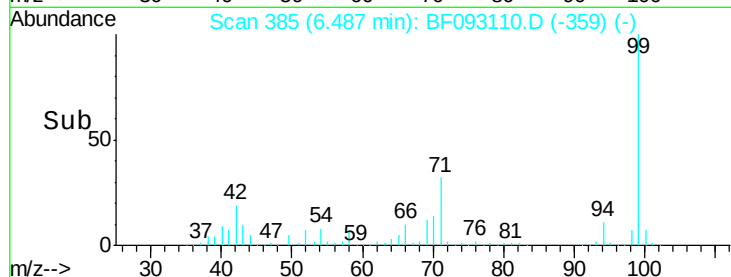
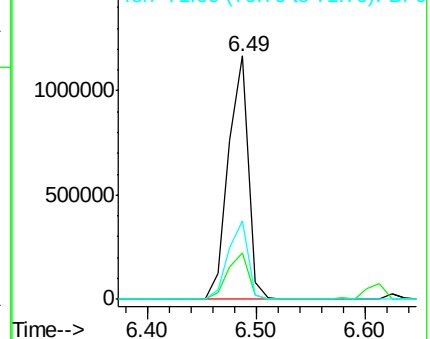
99 100

42 18.8 15.6 23.4

71 32.2 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: 43.32 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

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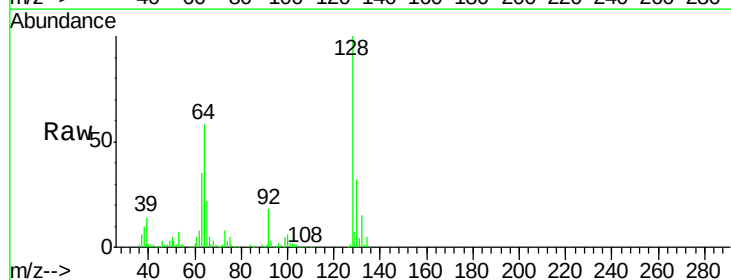
Tgt Ion: 128 Resp: 431743

Ion Ratio Lower Upper

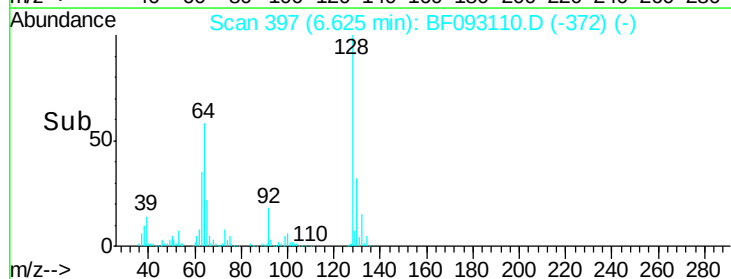
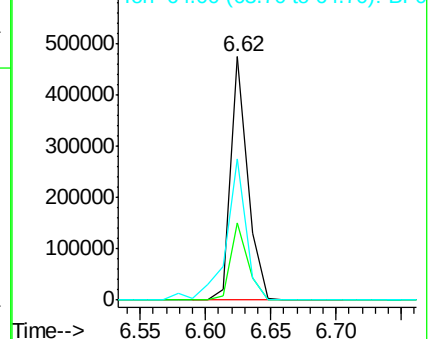
128 100

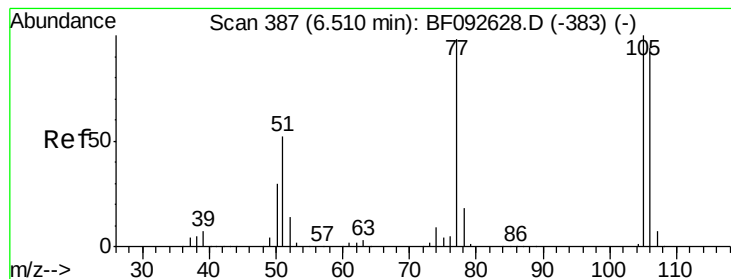
130 31.6 12.3 52.3

64 58.2 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: 24.19 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

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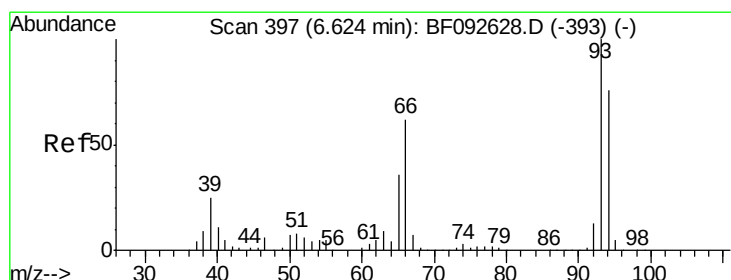
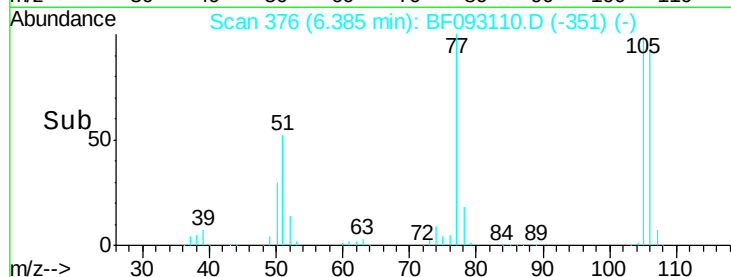
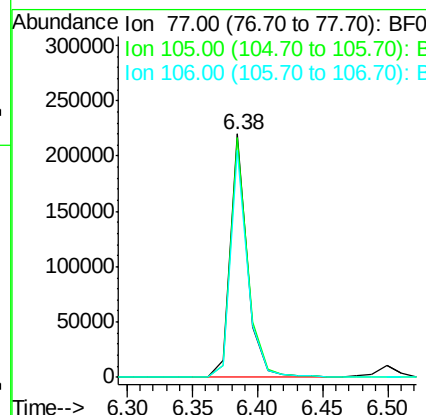
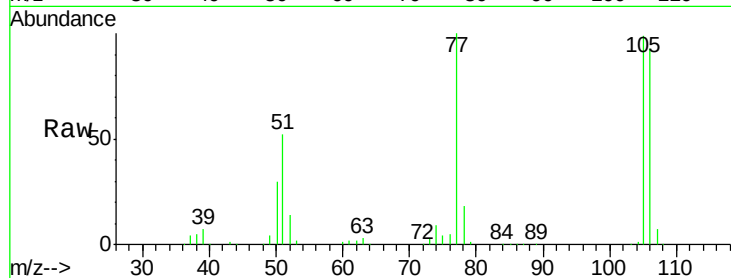
Tgt Ion: 77 Resp: 201438

Ion Ratio Lower Upper

77 100

105 98.6 83.9 123.9

106 93.5 77.6 117.6



#10

Phenol

Concen: 48.84 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

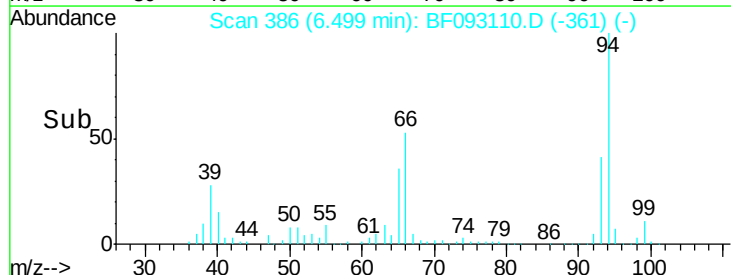
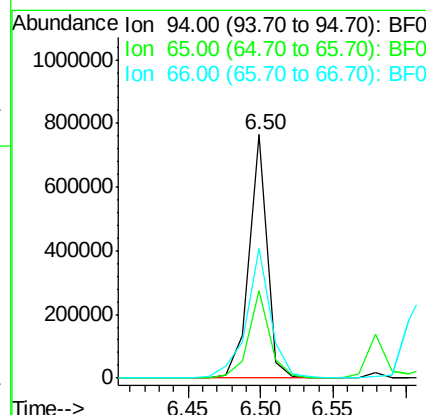
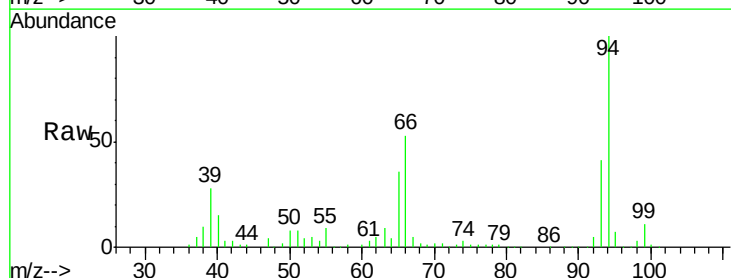
Tgt Ion: 94 Resp: 664194

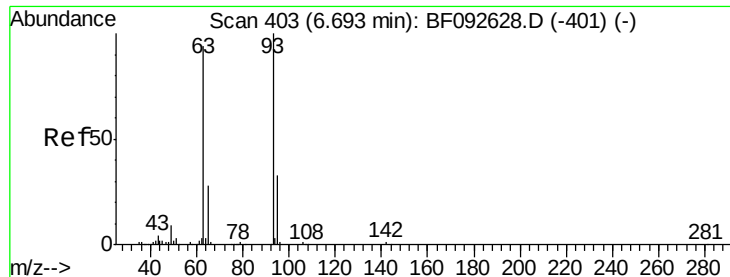
Ion Ratio Lower Upper

94 100

65 35.8 21.4 61.4

66 53.5 44.0 84.0

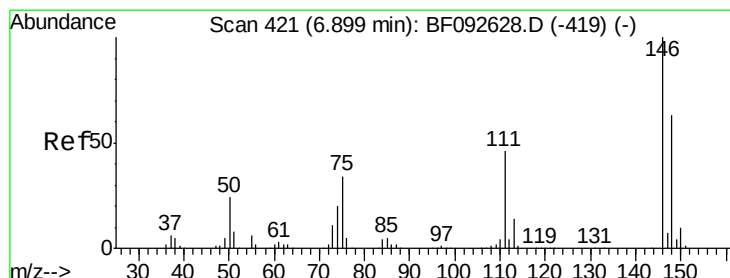
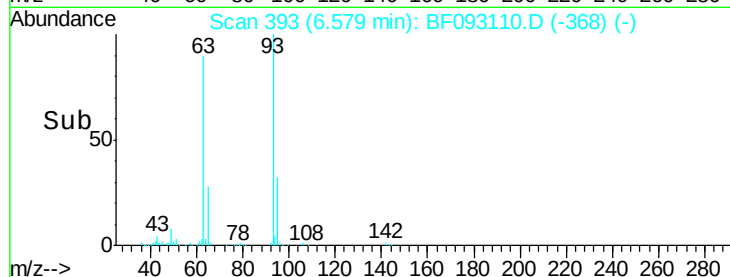
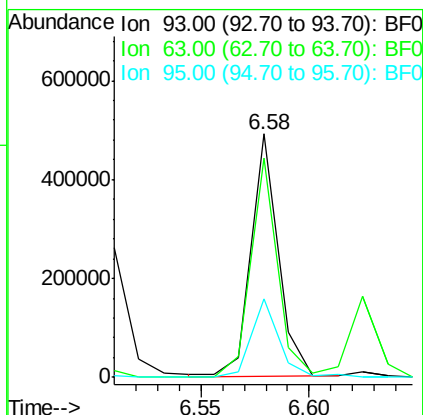
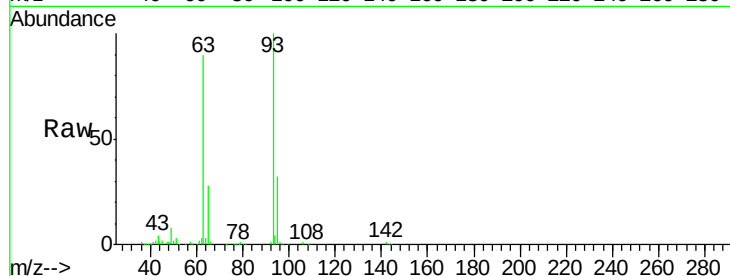




#11
bis(2-Chloroethyl)ether
Concen: 39.21 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

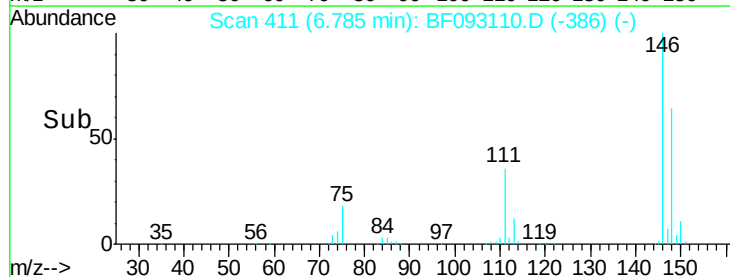
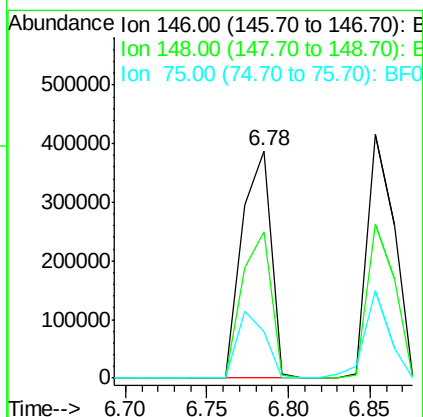
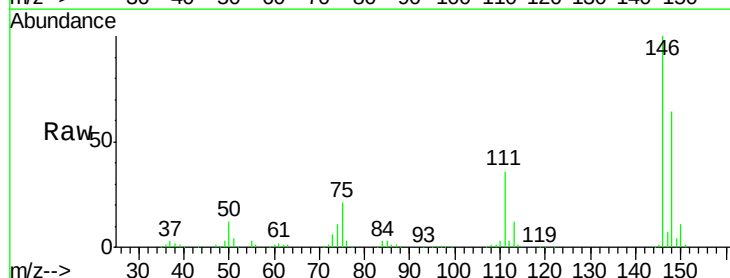
Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

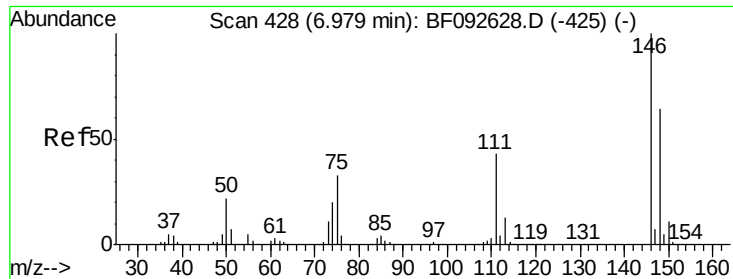
Tgt Ion: 93 Resp: 425598
Ion Ratio Lower Upper
93 100
63 89.9 60.4 100.4
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.90 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion: 146 Resp: 477402
Ion Ratio Lower Upper
146 100
148 64.0 53.4 80.0
75 20.7 18.5 27.7

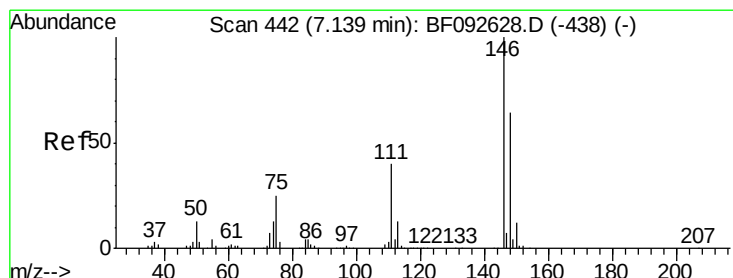
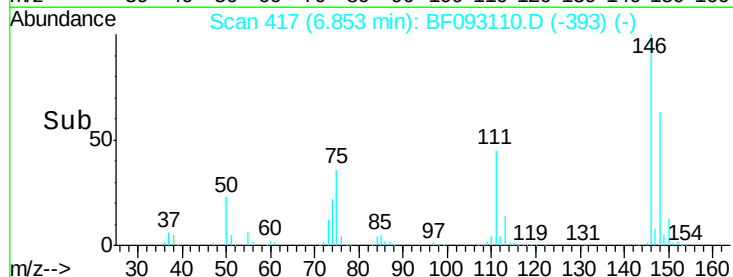
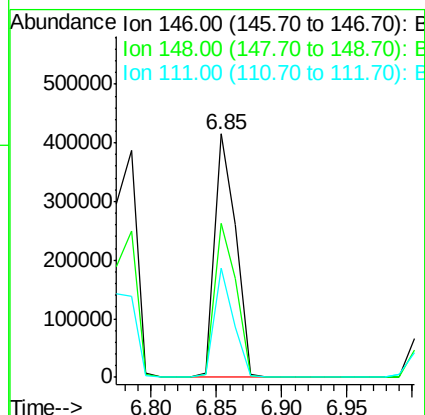
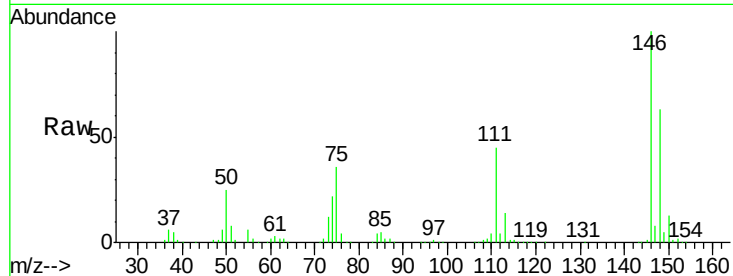




#13
 1,4-Dichlorobenzene
 Concen: 40.14 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

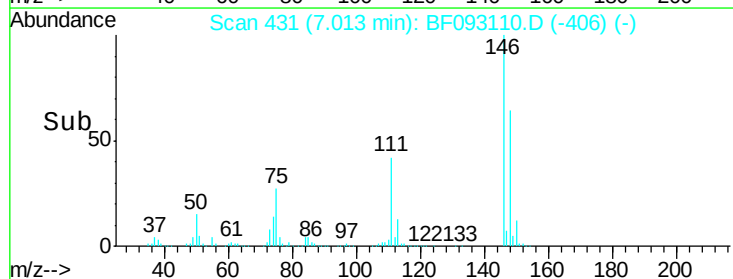
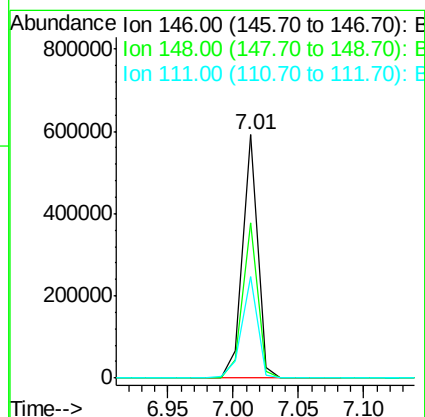
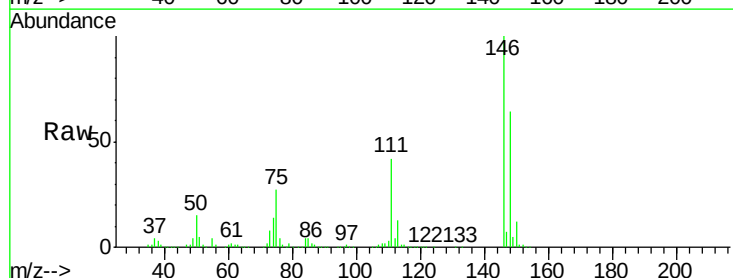
Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SANDMS

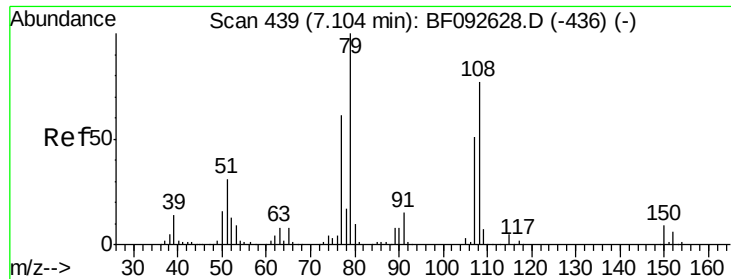
Tgt Ion:146 Resp: 474249
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 76.0
 111 45.0 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 41.72 ng
 RT: 7.01 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion:146 Resp: 471363
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 41.6 36.2 54.2

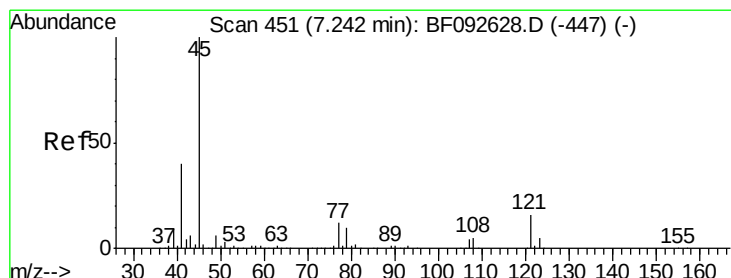
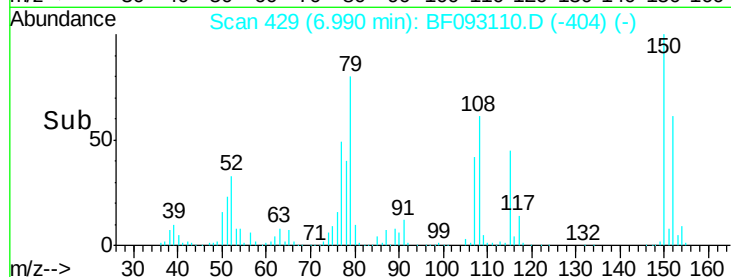
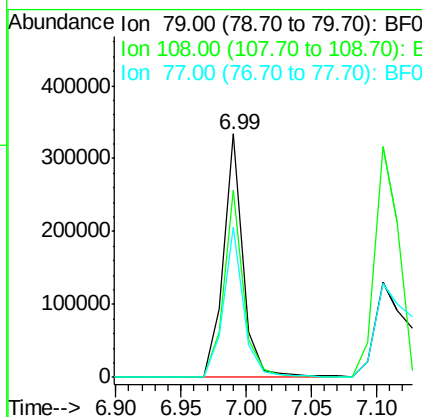
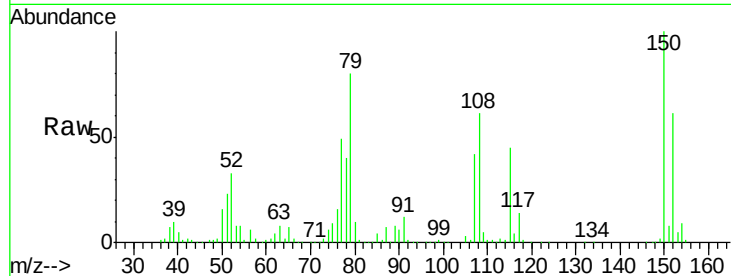




#15
Benzyl Alcohol
Concen: 40.95 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

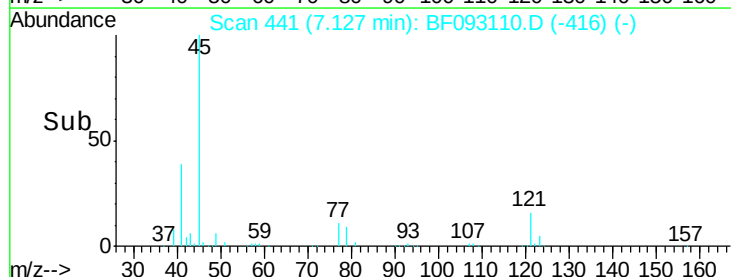
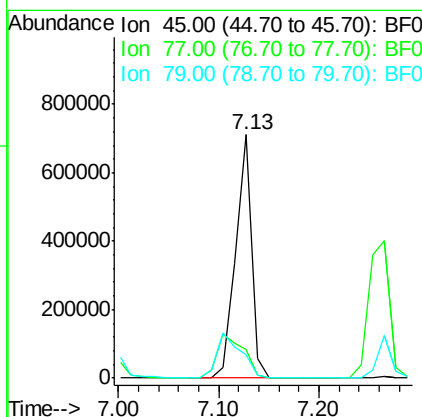
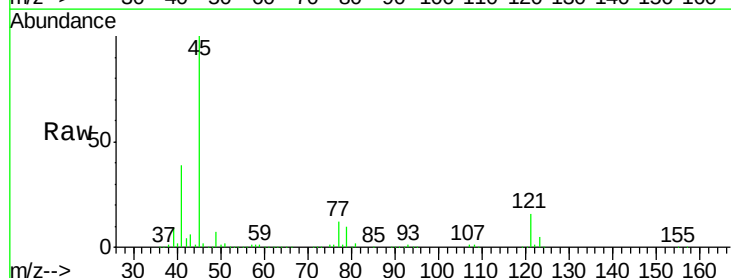
Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

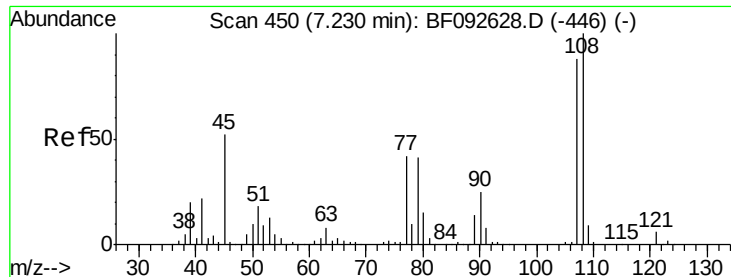
Tgt Ion: 79 Resp: 352420
Ion Ratio Lower Upper
79 100
108 77.1 61.4 92.0
77 61.6 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.30 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion: 45 Resp: 778839
Ion Ratio Lower Upper
45 100
77 11.6 0.0 34.6
79 9.6 0.0 31.2

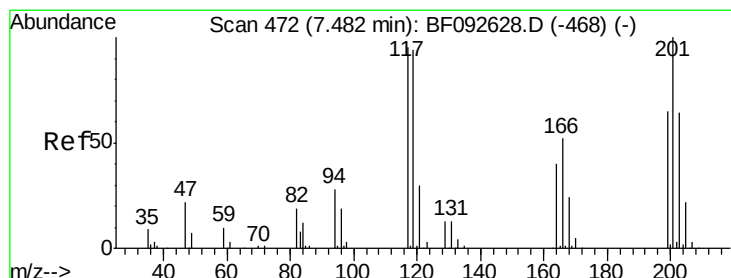
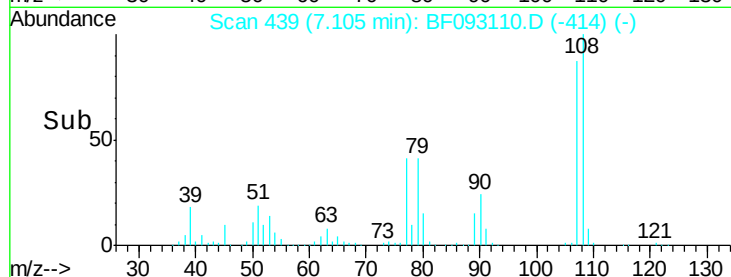
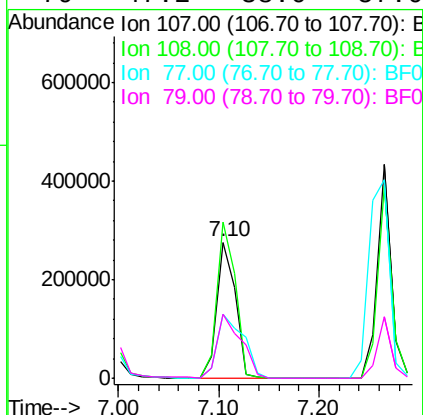
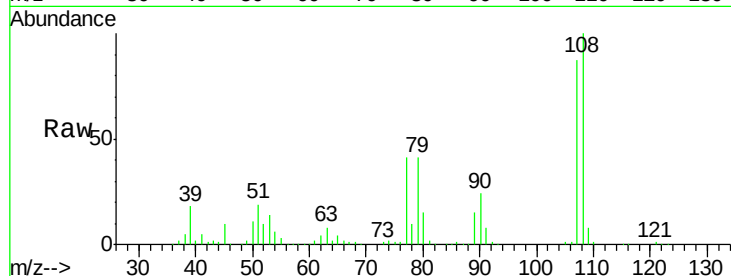




#17
2-Methylphenol
Concen: 41.35 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

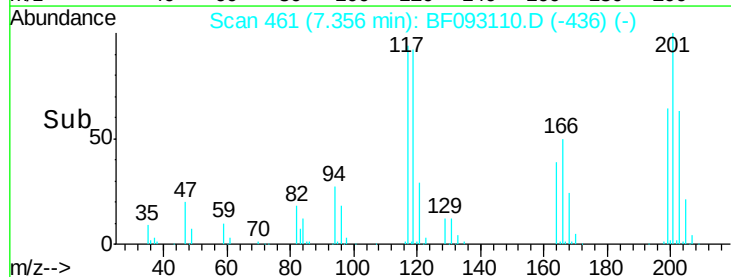
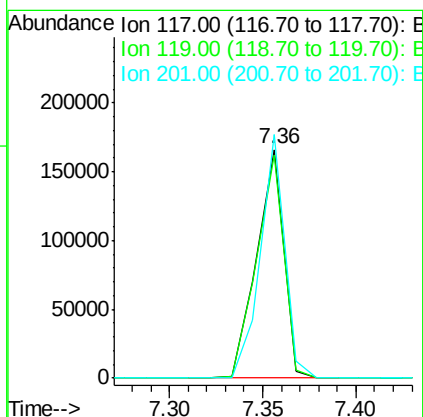
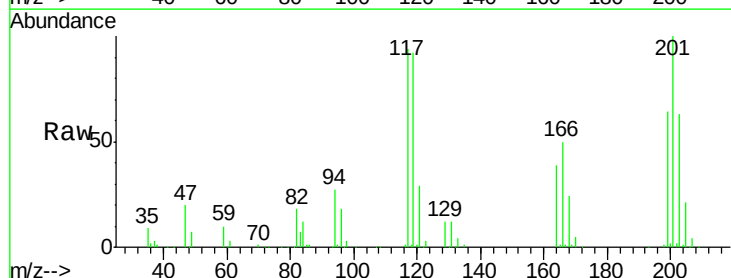
Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

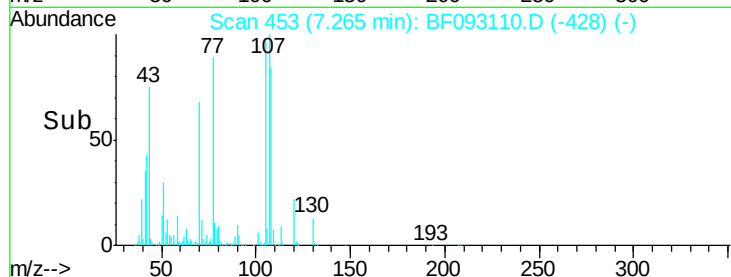
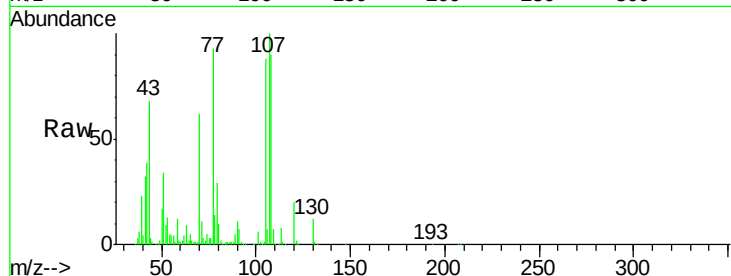
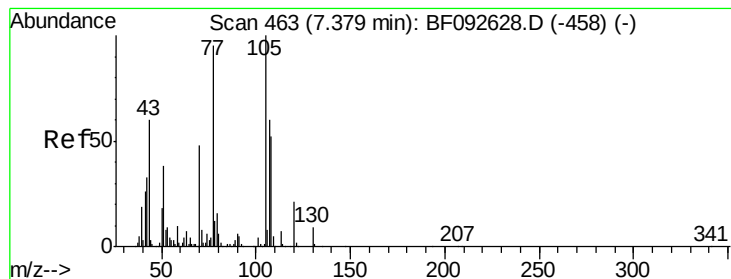
Tgt Ion:	107	Resp:	353564
Ion	Ratio	Lower	Upper
107	100		
108	114.8	93.0	139.6
77	46.8	39.8	59.8
79	47.2	38.0	57.0



#18
Hexachloroethane
Concen: 41.29 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion:	117	Resp:	166524
Ion	Ratio	Lower	Upper
117	100		
119	97.8	78.1	117.1
201	106.5	78.6	117.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.01 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS

Tgt Ion: 70 Resp: 303475

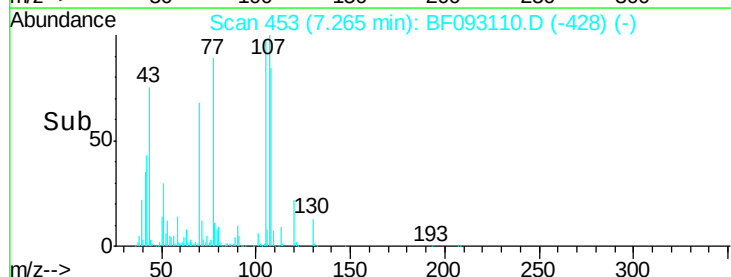
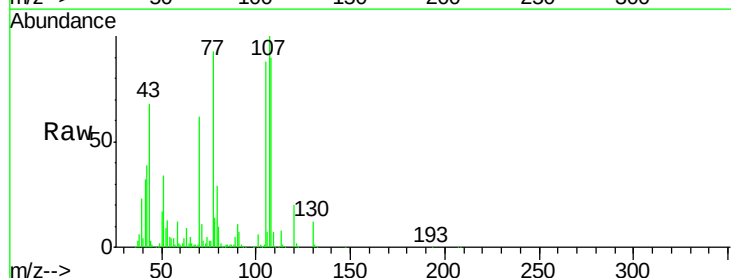
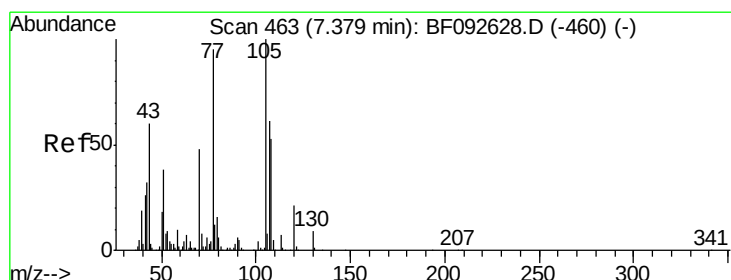
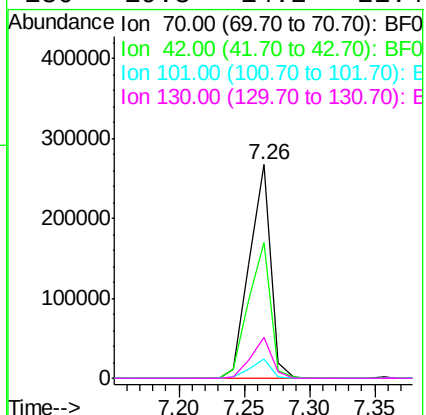
Ion Ratio Lower Upper

70 100

42 63.5 49.4 74.0

101 9.2 7.4 11.2

130 19.3 14.2 21.4



#20

3+4-Methylphenols

Concen: 41.33 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Tgt Ion: 107 Resp: 422472

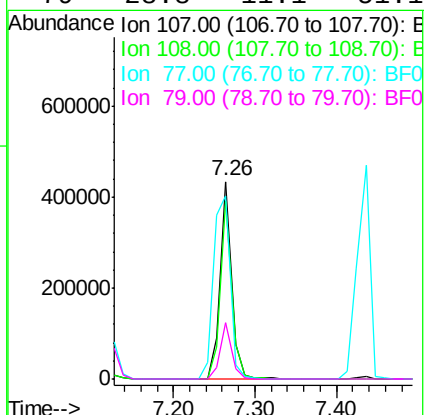
Ion Ratio Lower Upper

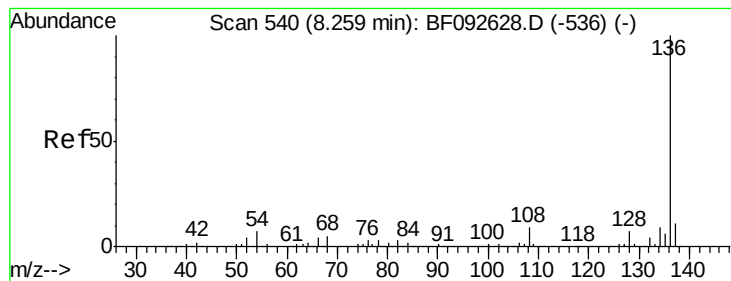
107 100

108 89.9 73.0 113.0

77 93.0 71.3 111.3

79 28.8 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS

Tgt Ion:136 Resp: 624833

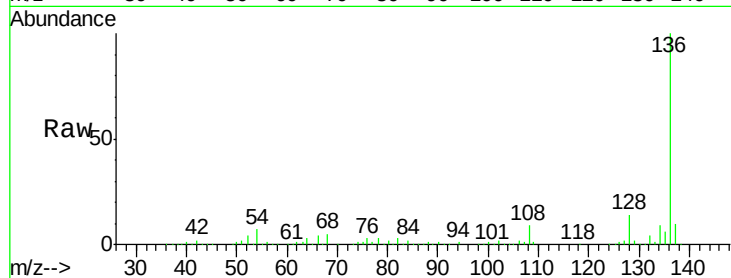
Ion Ratio Lower Upper

136 100

137 10.4 8.4 12.6

54 7.2 4.5 6.7#

68 5.2 3.6 5.4

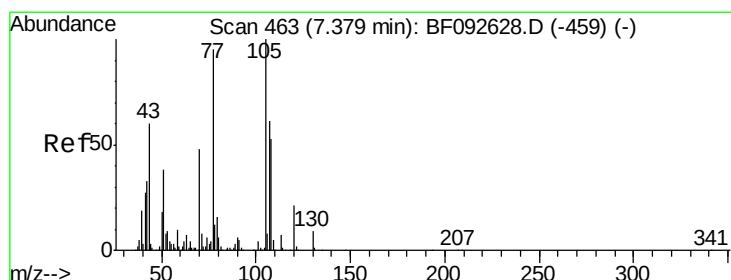
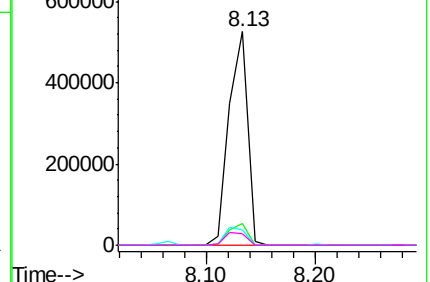
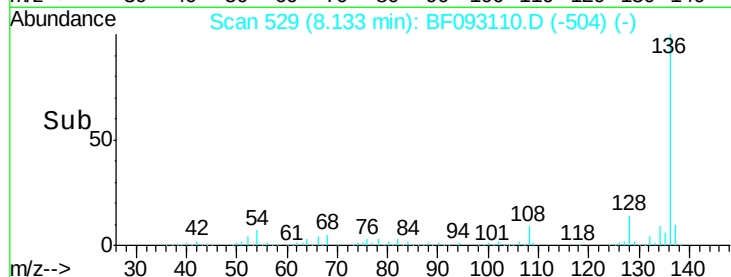


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.70 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Tgt Ion:105 Resp: 580613

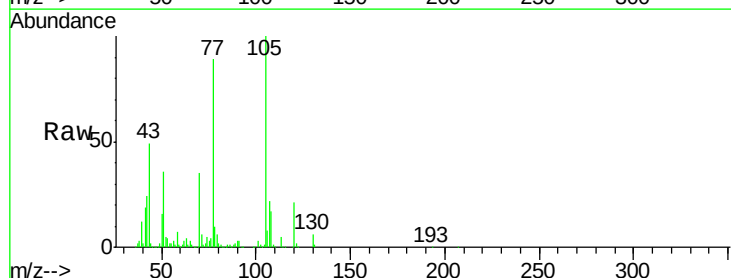
Ion Ratio Lower Upper

105 100

71 5.6 3.2 4.8#

51 35.7 26.2 39.4

120 21.1 16.6 24.8

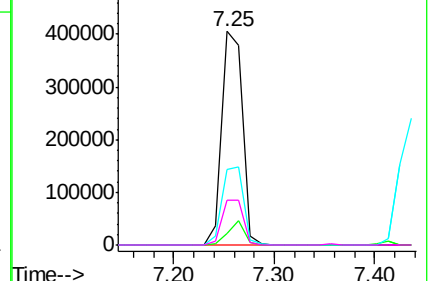
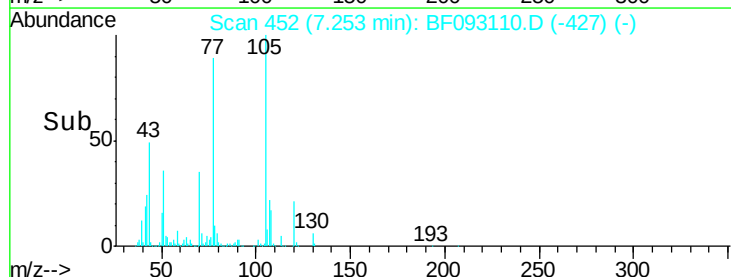


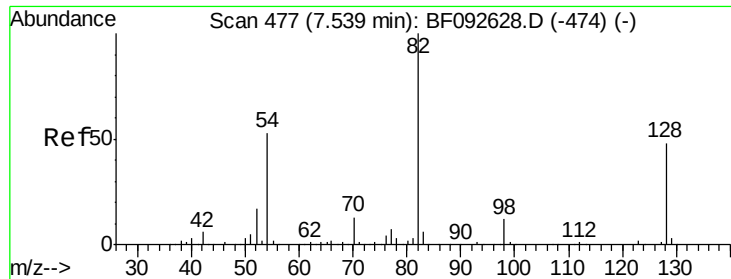
Abundance Ion 105.00 (104.70 to 105.70): E

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

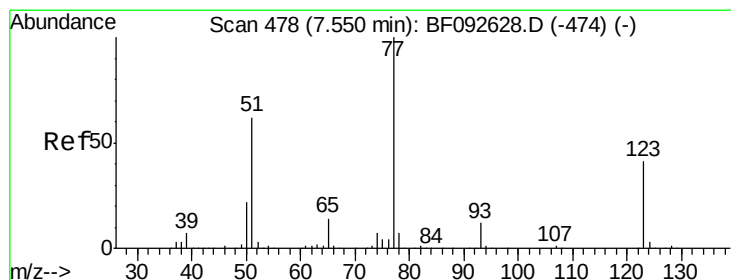
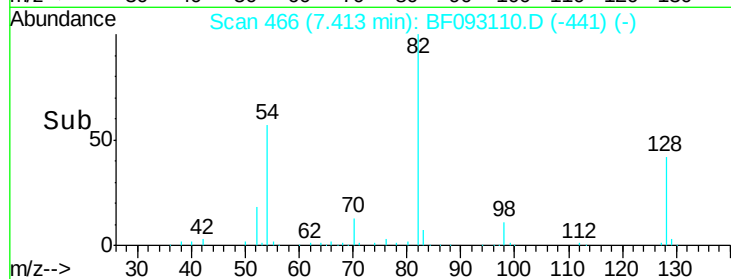
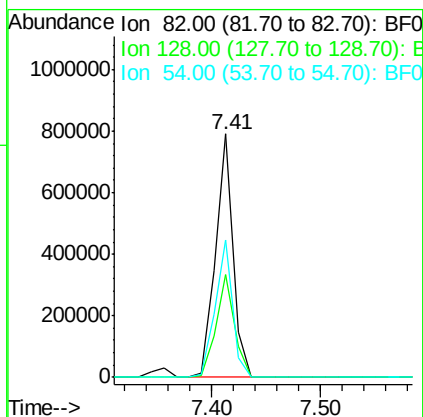
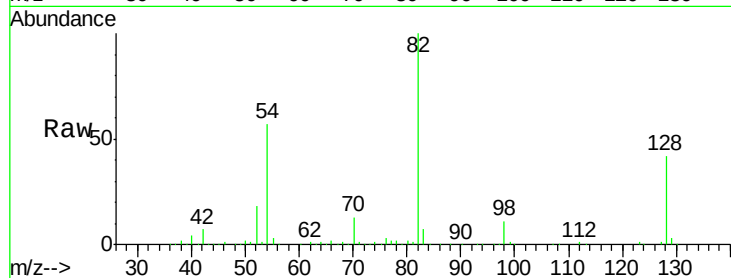




#23
 Nitrobenzene-d5
 Concen: 79.65 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

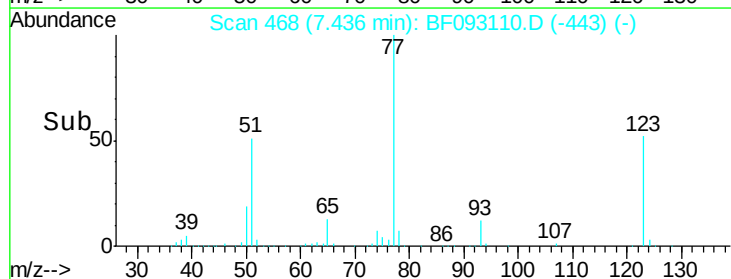
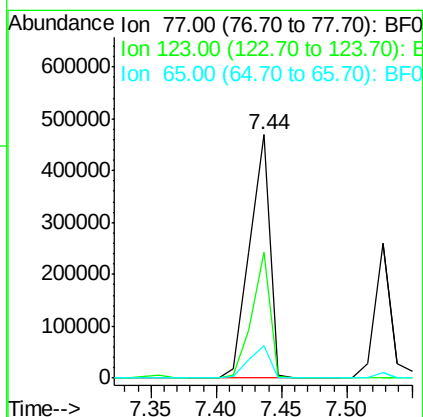
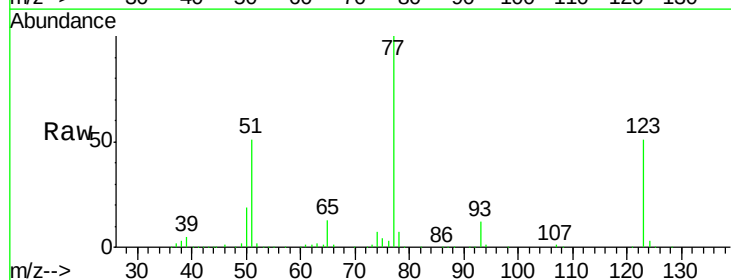
Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SANDMS

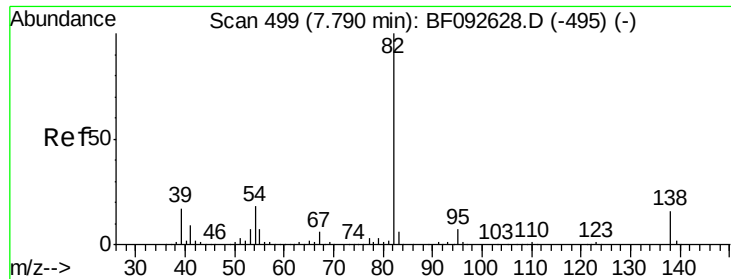
Tgt Ion: 82 Resp: 893653
 Ion Ratio Lower Upper
 82 100
 128 42.0 34.6 52.0
 54 56.6 39.5 59.3



#24
 Nitrobenzene
 Concen: 43.93 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion: 77 Resp: 506157
 Ion Ratio Lower Upper
 77 100
 123 51.5 33.0 49.4#
 65 13.3 11.2 16.8





#25

Isophorone

Concen: 42.48 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS

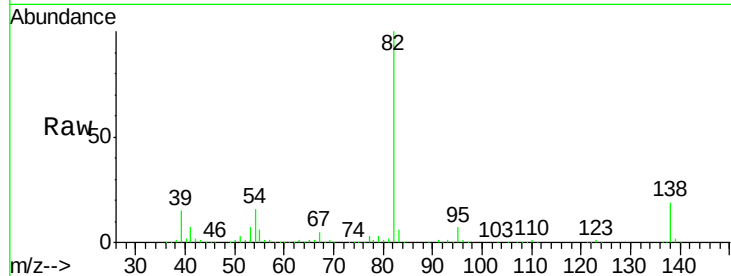
Tgt Ion: 82 Resp: 888241

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

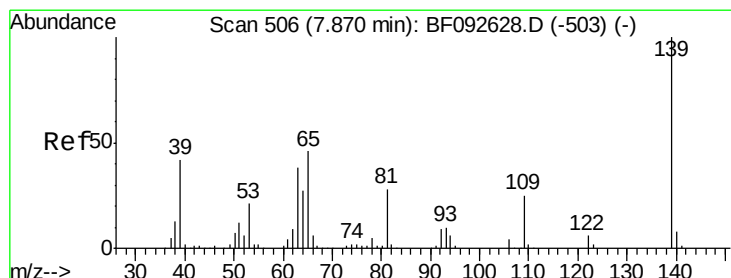
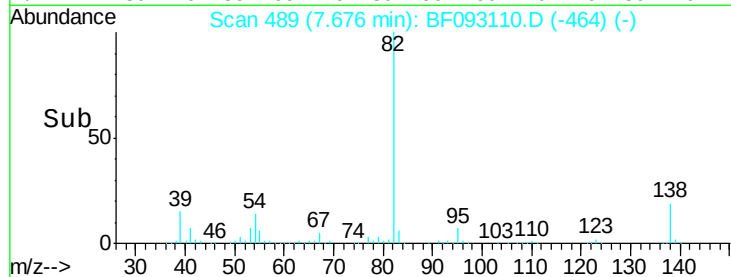
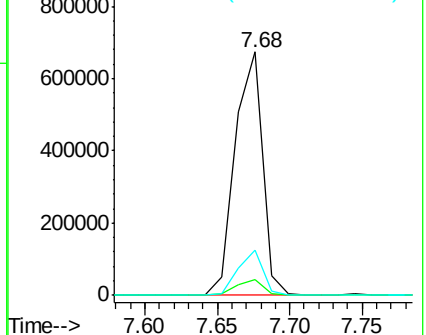
138 18.8 14.6 22.0



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: 42.11 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

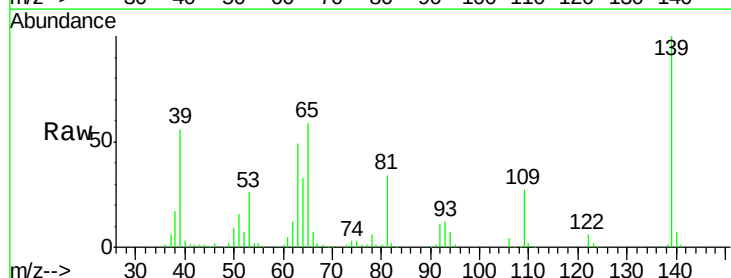
Tgt Ion: 139 Resp: 230610

Ion Ratio Lower Upper

139 100

109 26.8 23.3 34.9

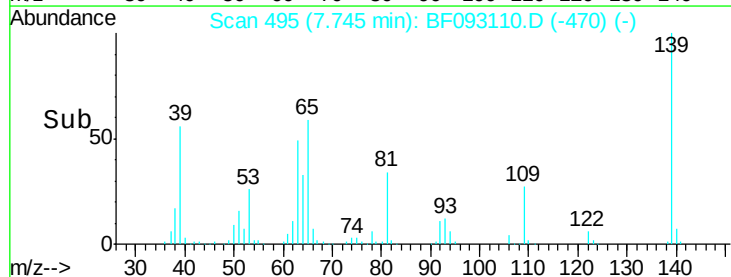
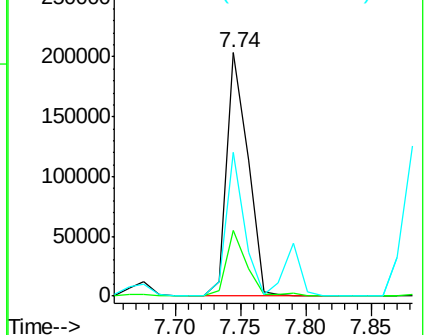
65 59.2 42.7 64.1

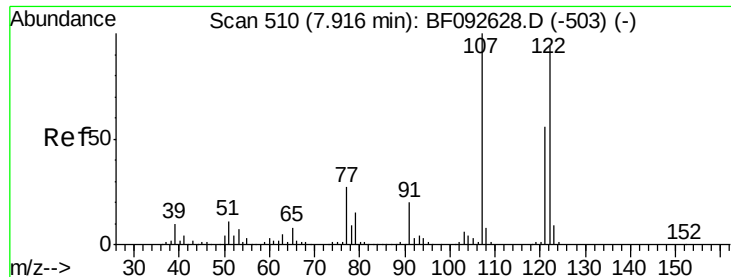


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

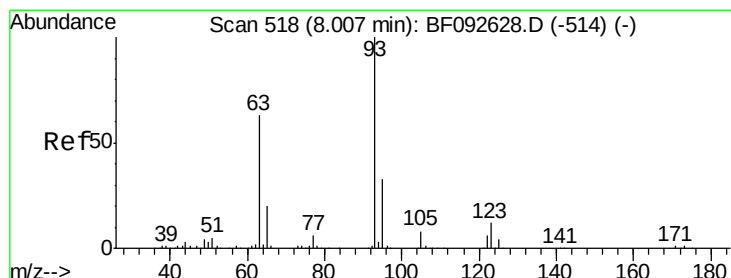
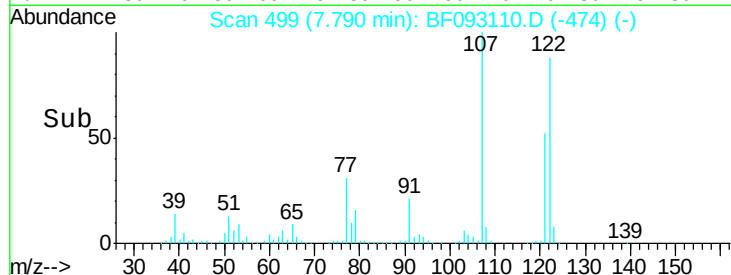
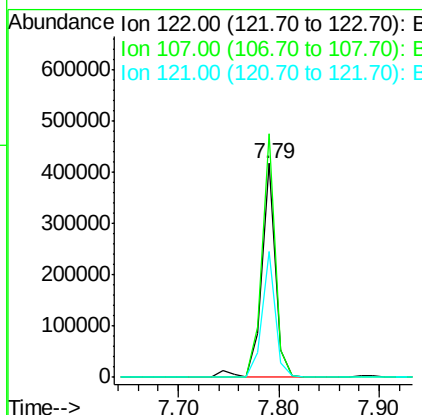
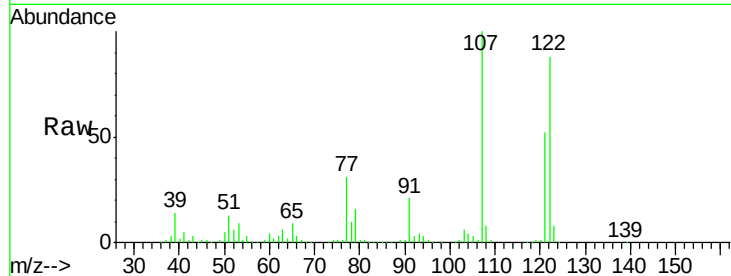




#27
 2,4-Dimethylphenol
 Concen: 41.78 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

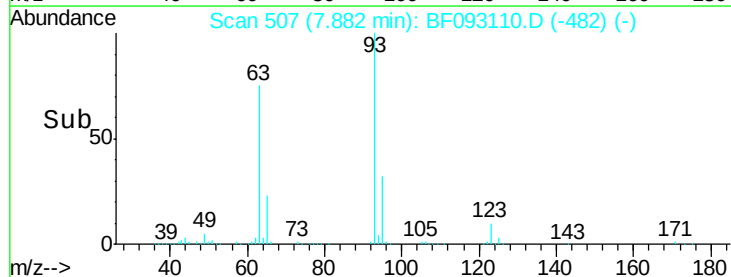
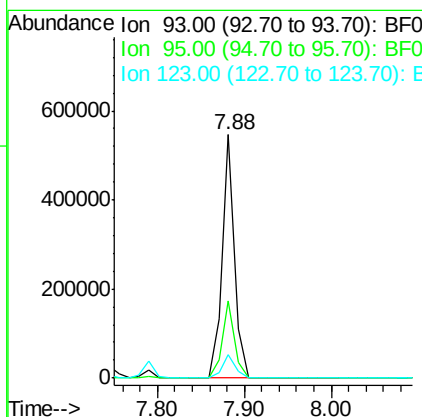
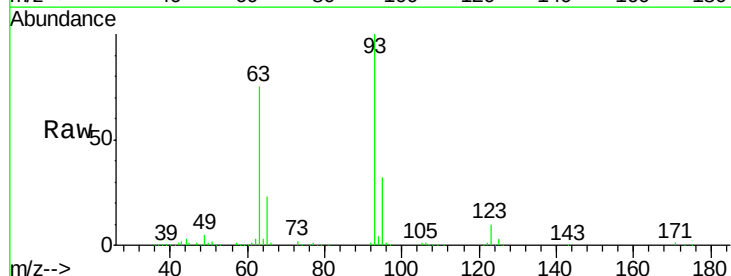
Instrument :
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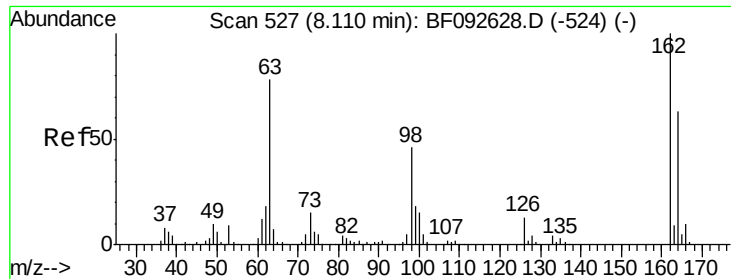
Tgt Ion:122 Resp: 401852
 Ion Ratio Lower Upper
 122 100
 107 113.9 94.1 141.1
 121 58.9 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.50 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion: 93 Resp: 546909
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.5 39.7
 123 9.7 8.6 13.0

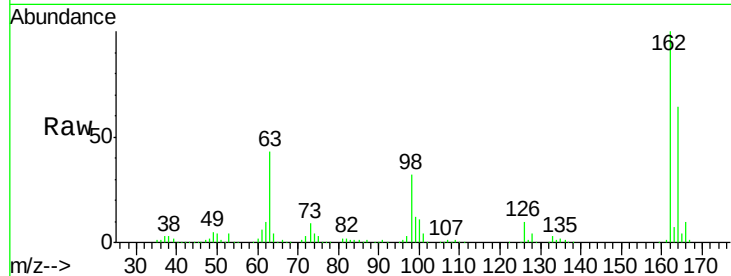




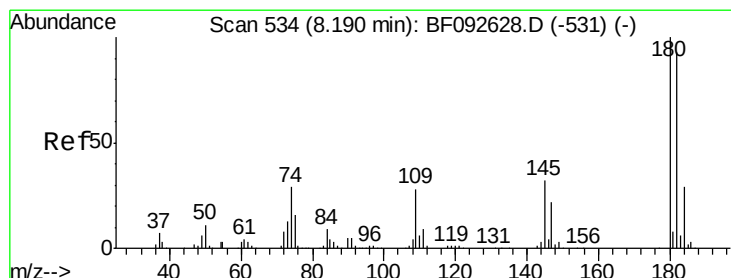
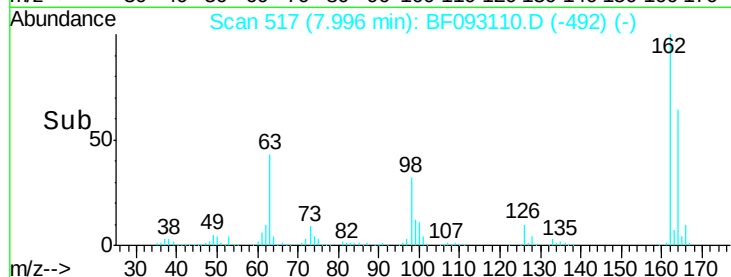
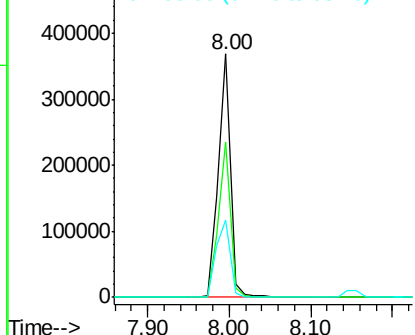
#29
 2,4-Dichlorophenol
 Concen: 42.50 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SANDMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	46.8	86.8
98	31.9	9.1	49.1

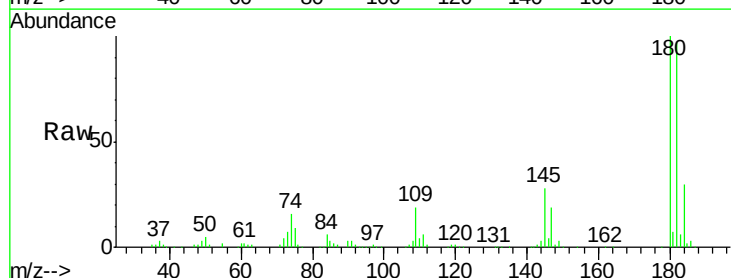


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

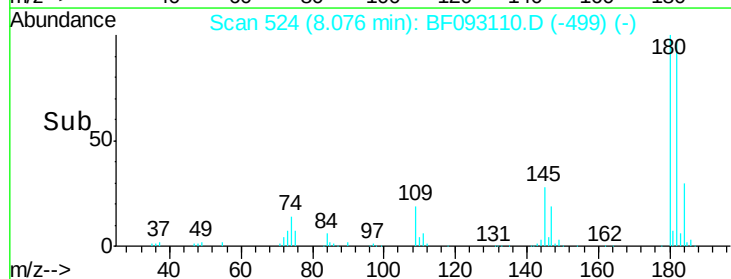
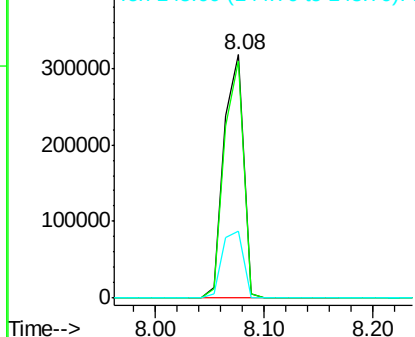


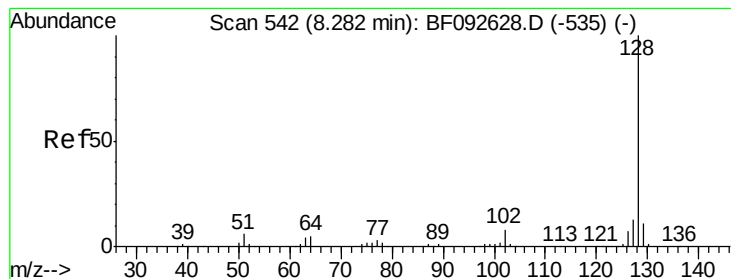
#30
 1,2,4-Trichlorobenzene
 Concen: 40.90 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	78.2	117.4
145	27.7	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: 39.25 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS

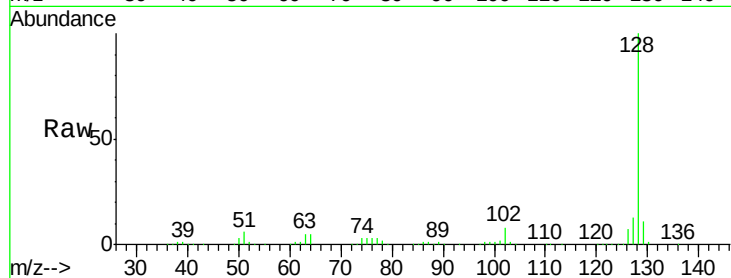
Tgt Ion:128 Resp: 1243162

Ion Ratio Lower Upper

128 100

129 10.7 9.5 14.3

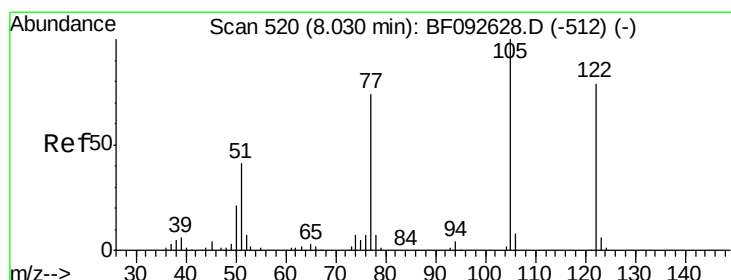
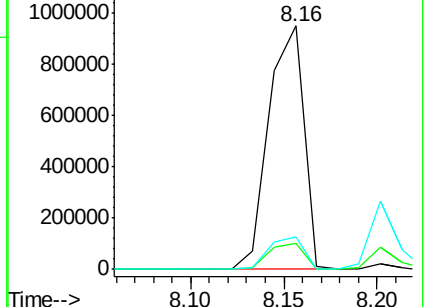
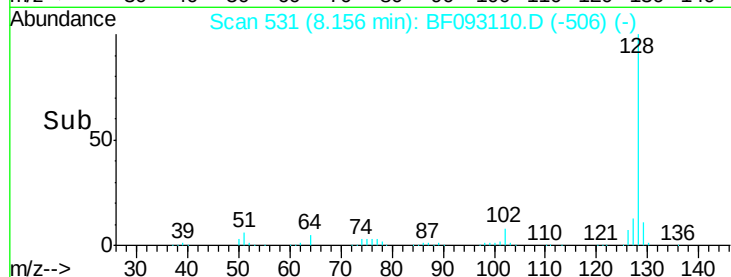
127 13.3 10.8 16.2



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: 69.90 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.14 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

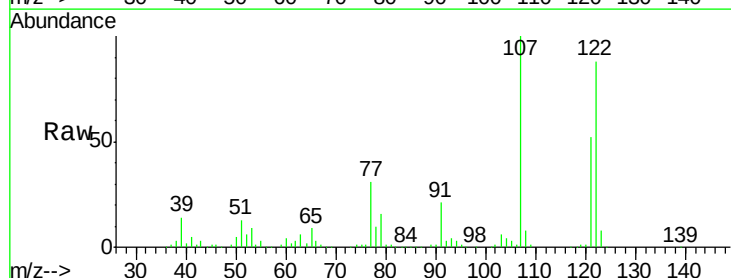
Tgt Ion:122 Resp: 401852

Ion Ratio Lower Upper

122 100

105 3.6 107.2 147.2#

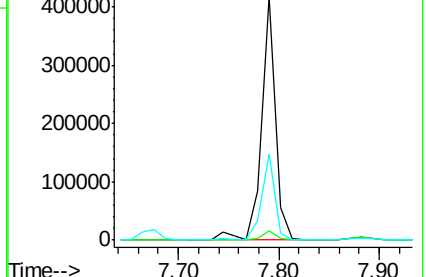
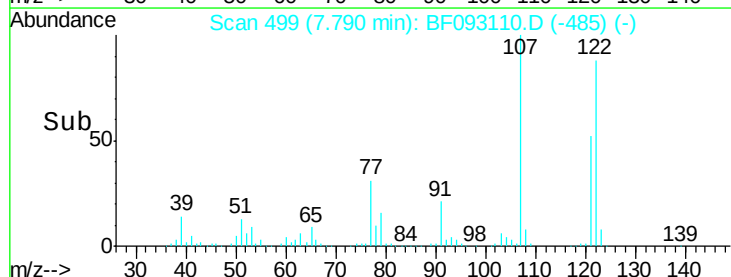
77 35.6 74.5 114.5#

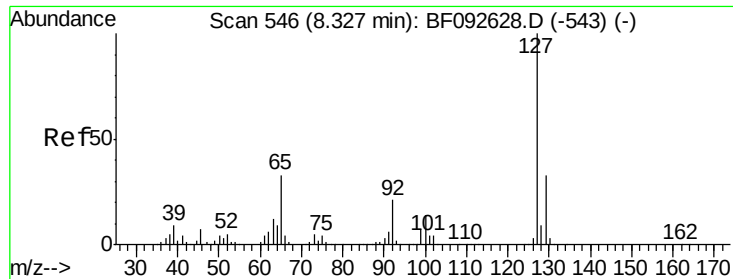


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

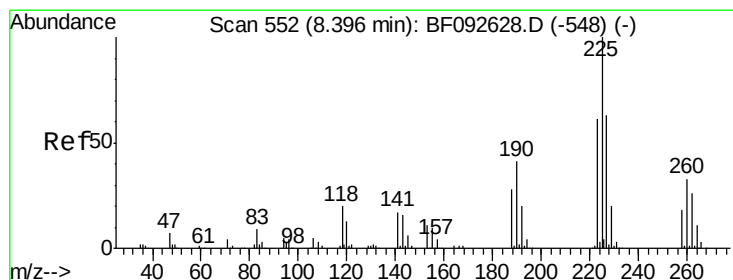
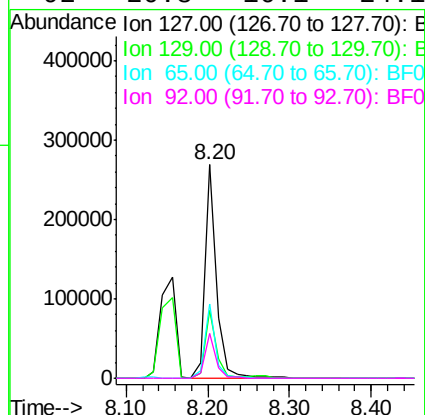
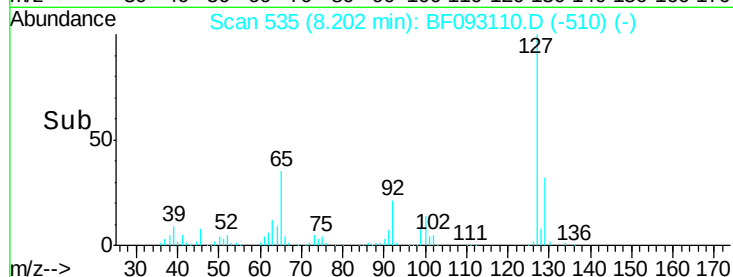
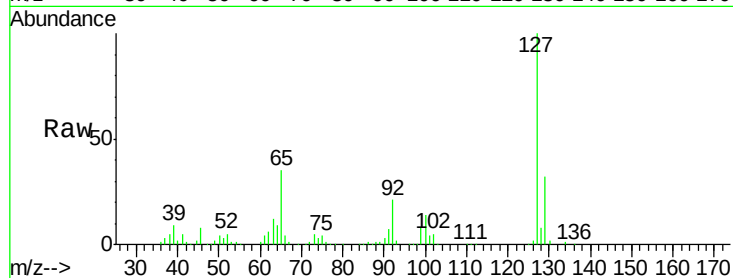




#33
 4-Chloroaniline
 Concen: 21.66 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

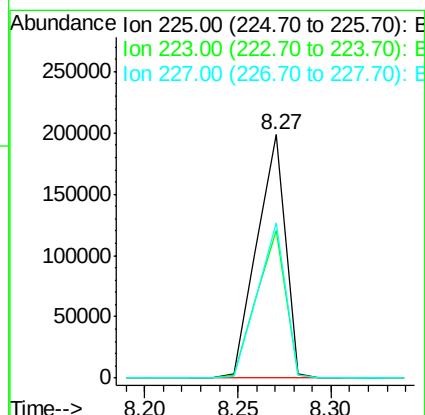
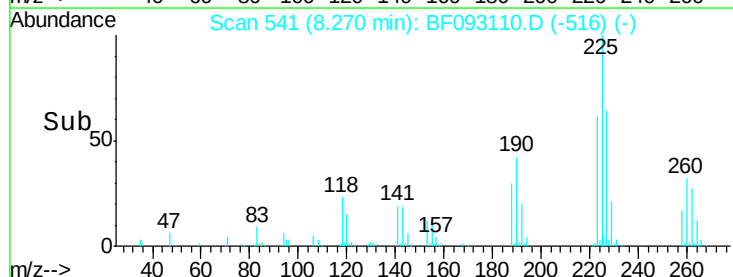
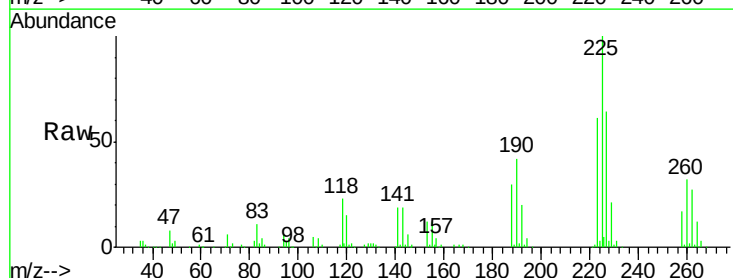
Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SANDMS

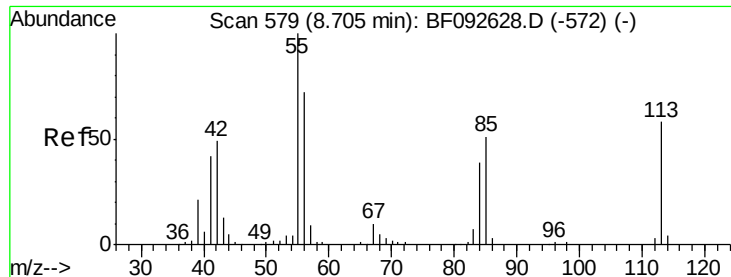
Tgt Ion:	127	Resp:	269105
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	34.6	25.8	38.8
92	20.8	16.1	24.1



#34
 Hexachlorobutadiene
 Concen: 39.44 ng
 RT: 8.27 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion:	225	Resp:	209792
Ion	Ratio	Lower	Upper
225	100		
223	60.8	51.0	76.6
227	63.6	50.6	76.0

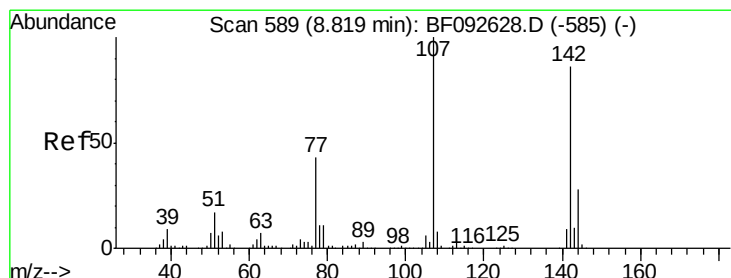
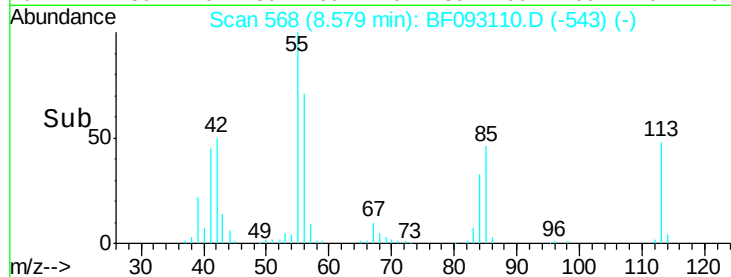
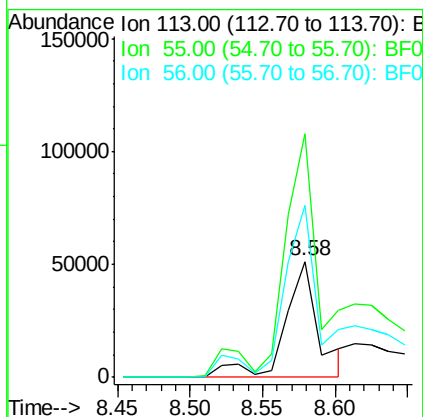
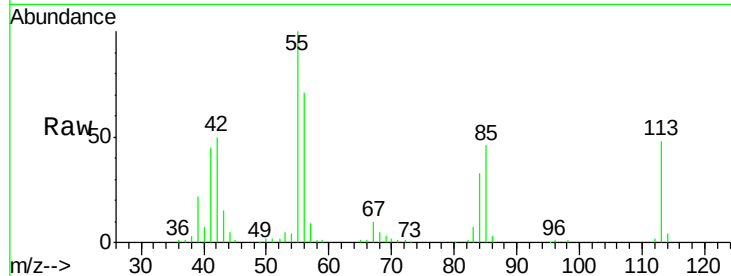




#35
 Caprolactam
 Concen: 28.91 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

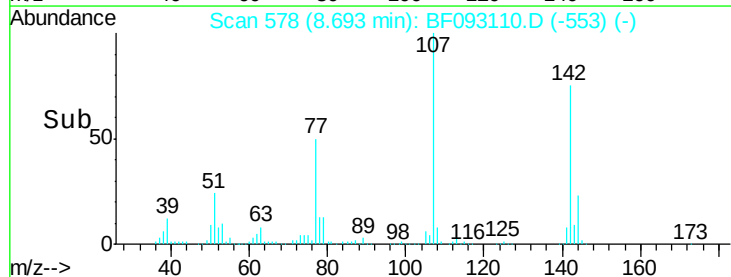
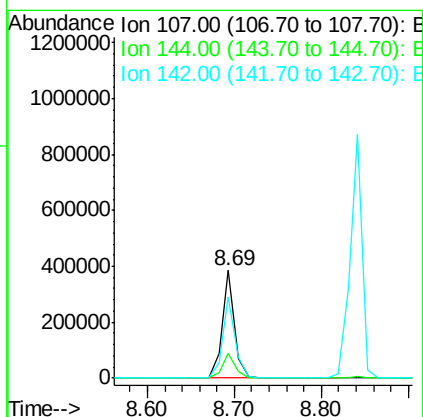
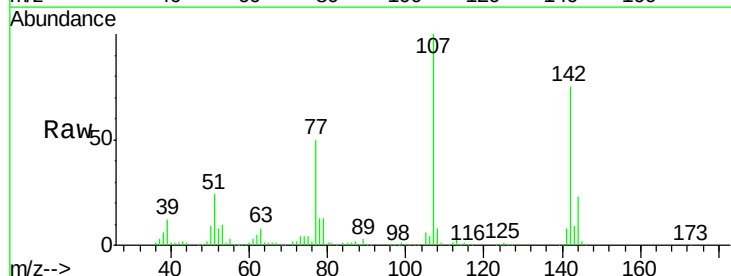
Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SANDMS

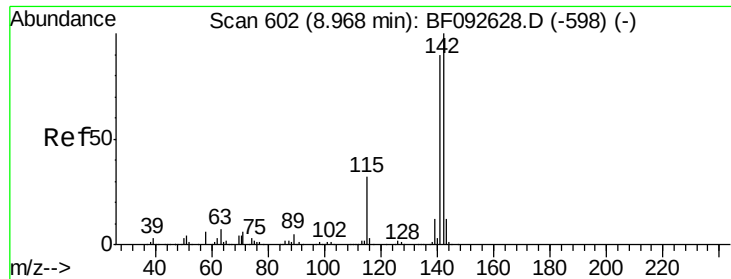
Tgt Ion:113 Resp: 81577
 Ion Ratio Lower Upper
 113 100
 55 209.6 119.2 159.2#
 56 148.0 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.83 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion:107 Resp: 381818
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.3 28.9
 142 74.9 59.0 88.6

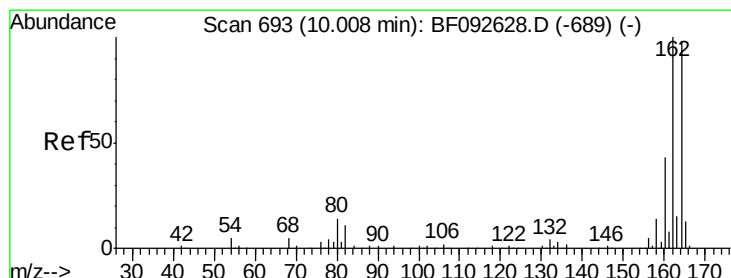
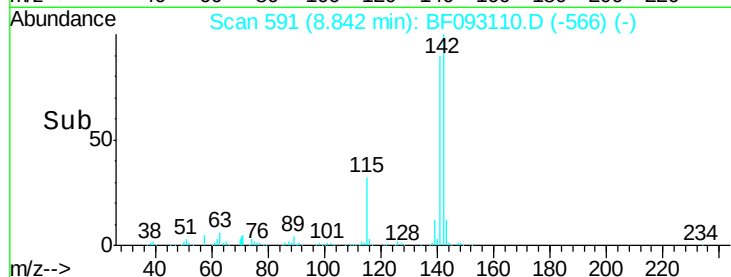
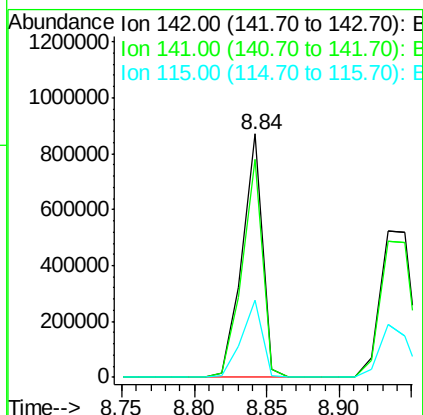
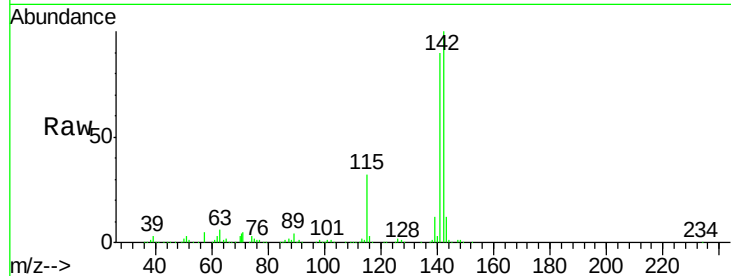




#37
 2-Methylnaphthalene
 Concen: 41.98 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

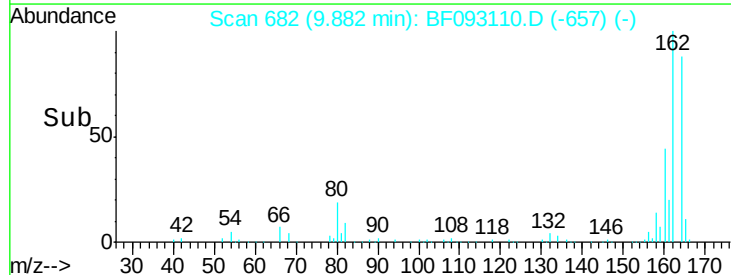
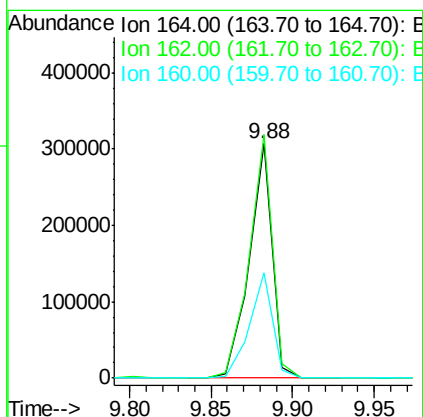
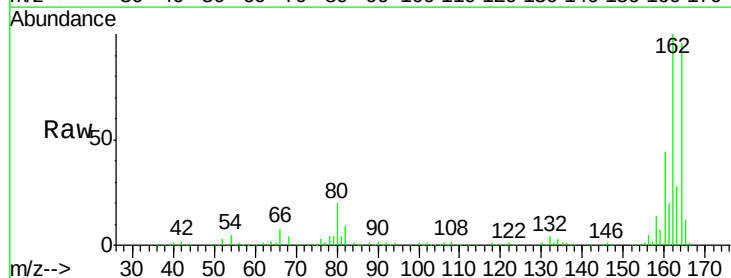
Instrument :
 BNA_F
 ClientSampleId :
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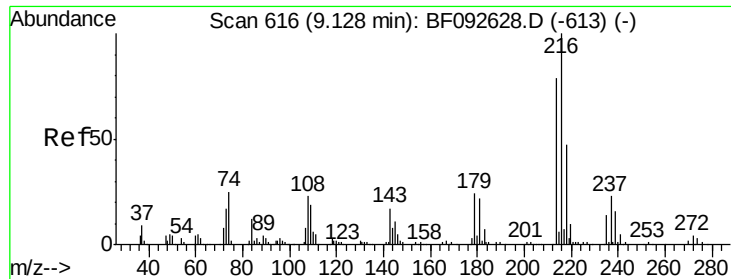
Tgt Ion:142 Resp: 853653
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.0 106.6
 115 31.6 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion:164 Resp: 298532
 Ion Ratio Lower Upper
 164 100
 162 103.9 80.2 120.2
 160 45.2 36.9 55.3

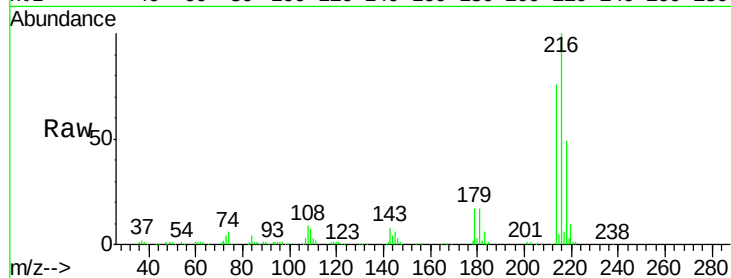




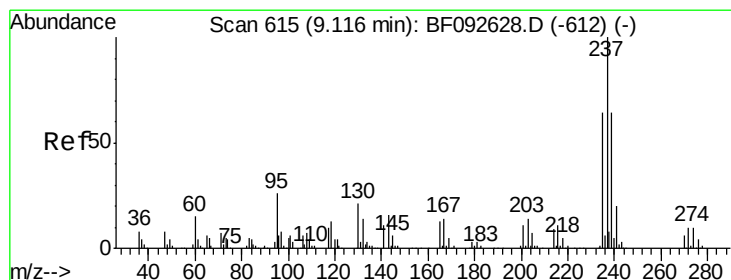
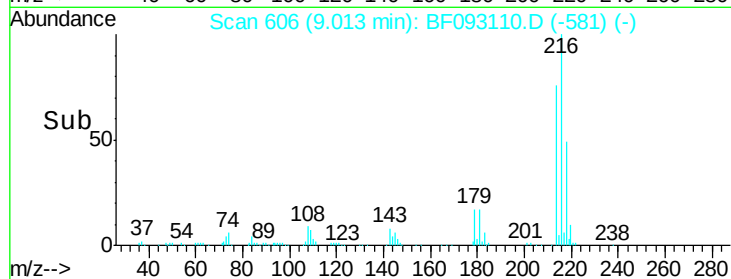
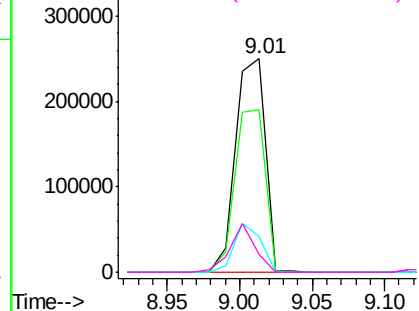
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.35 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SANDMS

Tgt Ion:	216	Resp:	354933
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.4	95.0
179	20.9	17.4	26.2
108	19.6	15.6	23.4

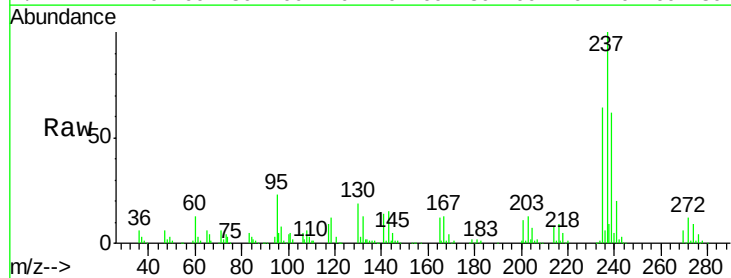


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

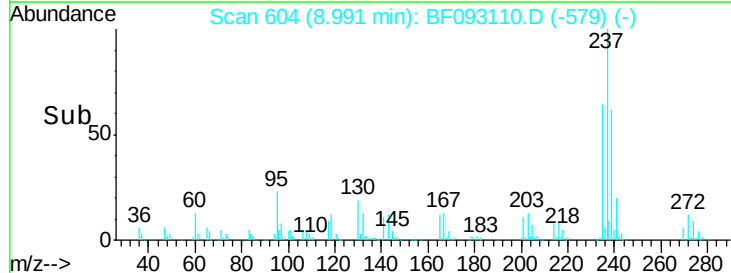
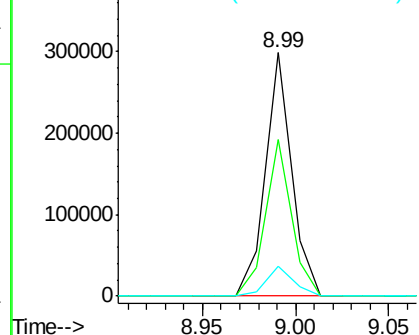


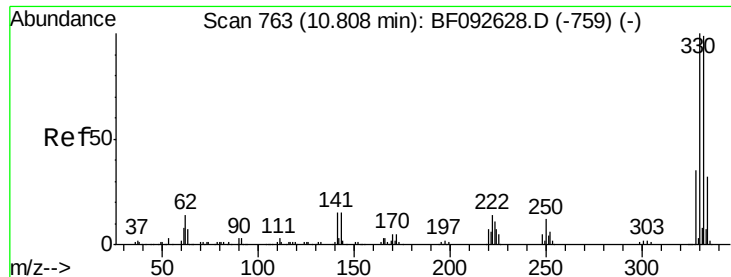
#40
 Hexachlorocyclopentadiene
 Concen: 76.74 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion:	237	Resp:	290158
Ion	Ratio	Lower	Upper
237	100		
235	64.2	41.2	81.2
272	12.3	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

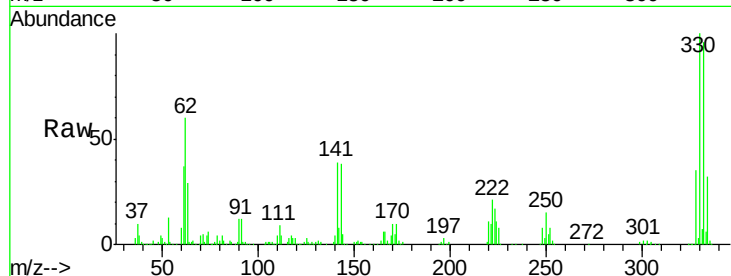




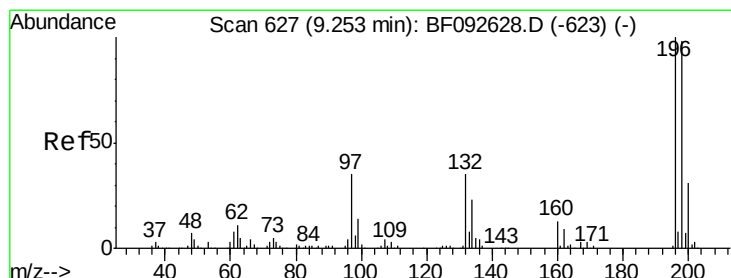
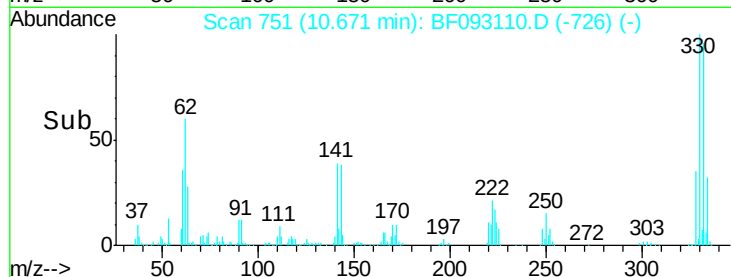
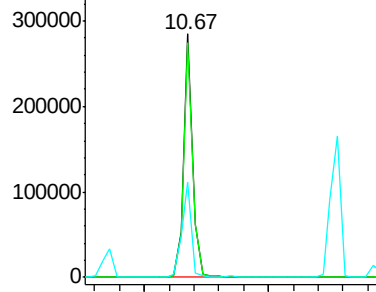
#41
 2,4,6-Tribromophenol
 Concen: 132.00 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SANDMS

Tgt Ion:330 Resp: 285014
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 41.0 34.1 51.1

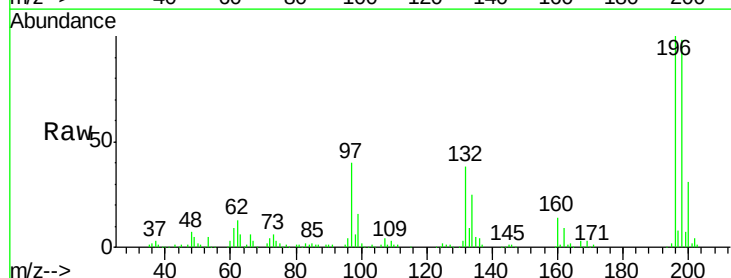


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

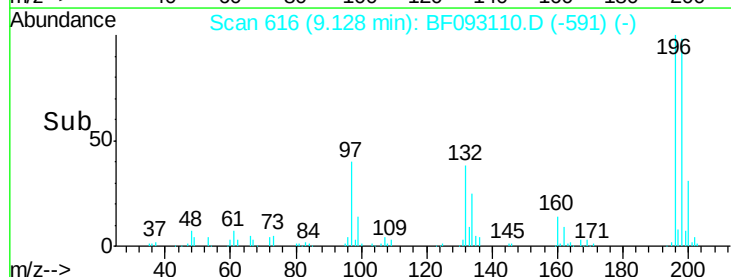
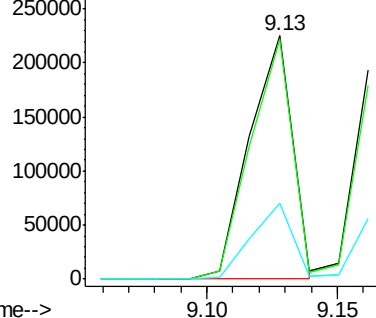


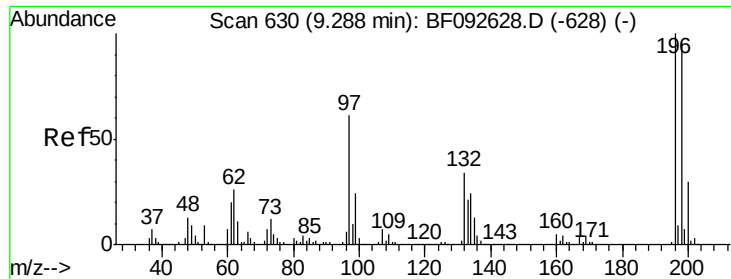
#42
 2,4,6-Trichlorophenol
 Concen: 46.36 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion:196 Resp: 255254
 Ion Ratio Lower Upper
 196 100
 198 98.2 82.1 123.1
 200 31.1 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

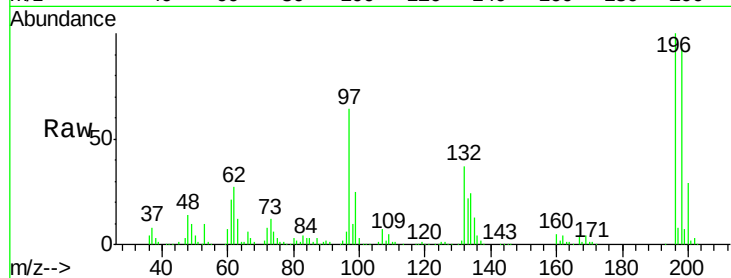




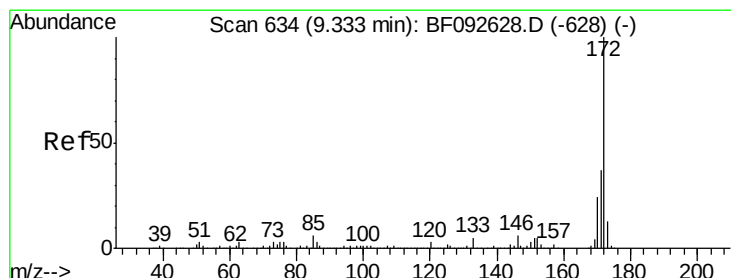
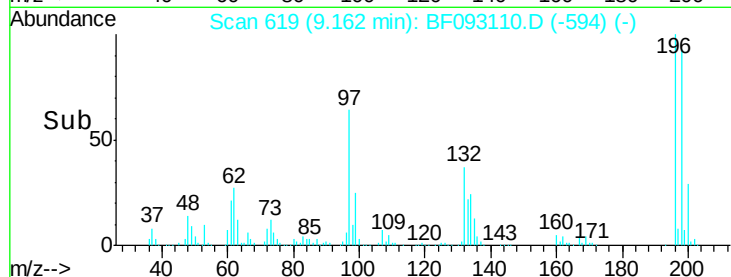
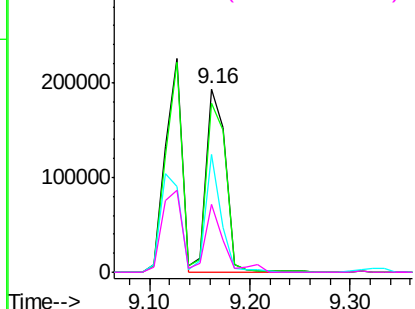
#43
 2,4,5-Trichlorophenol
 Concen: 42.61 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SANDMS

Tgt Ion:196 Resp: 257052
 Ion Ratio Lower Upper
 196 100
 198 92.5 79.4 119.2
 97 64.4 51.5 77.3
 132 36.8 27.4 41.2

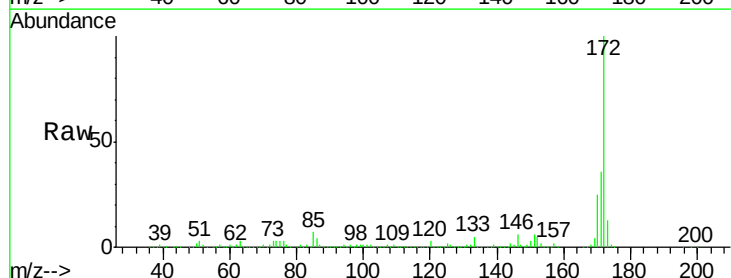


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

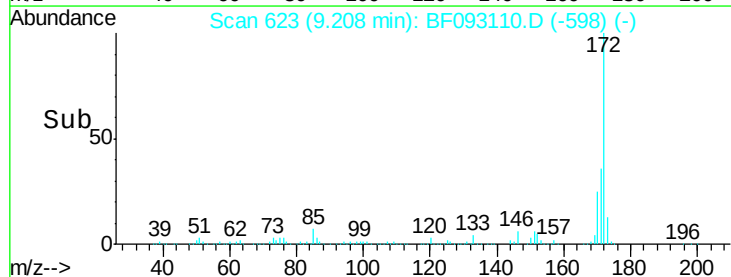
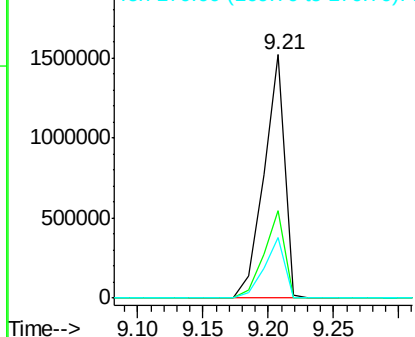


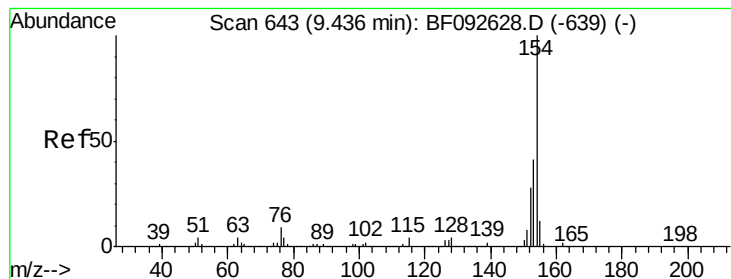
#44
 2-Fluorobiphenyl
 Concen: 102.05 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion:172 Resp: 1681652
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.7 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: 44.03 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS

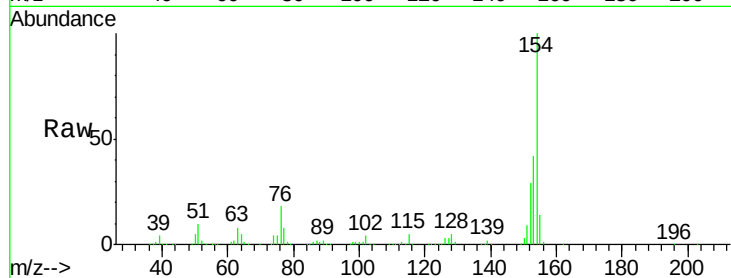
Tgt Ion:154 Resp: 951802

Ion Ratio Lower Upper

154 100

153 41.9 20.9 60.9

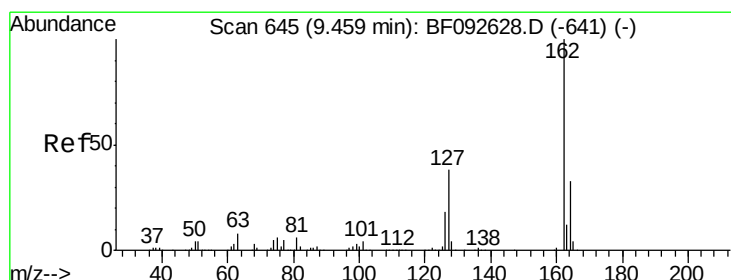
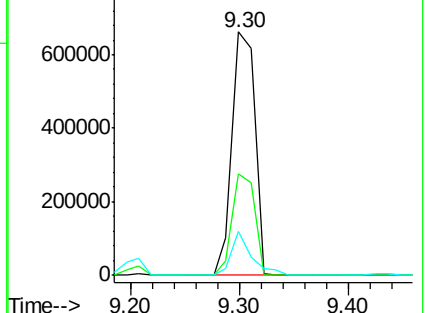
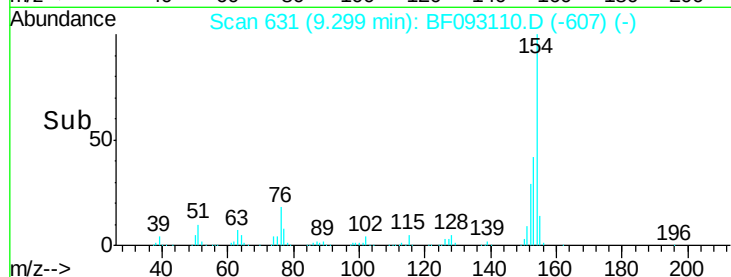
76 18.2 0.0 30.5



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: 48.54 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

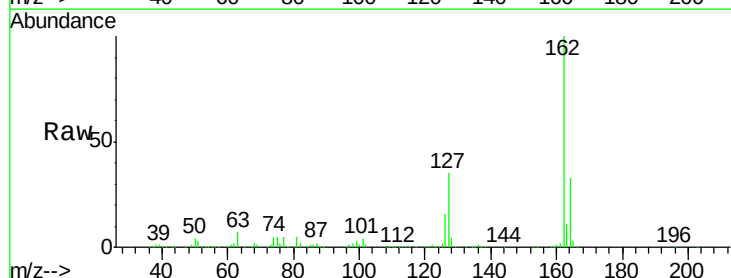
Tgt Ion:162 Resp: 820909

Ion Ratio Lower Upper

162 100

127 34.9 30.7 46.1

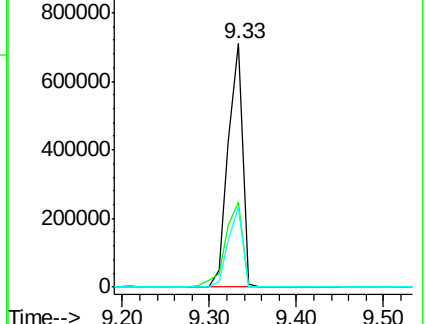
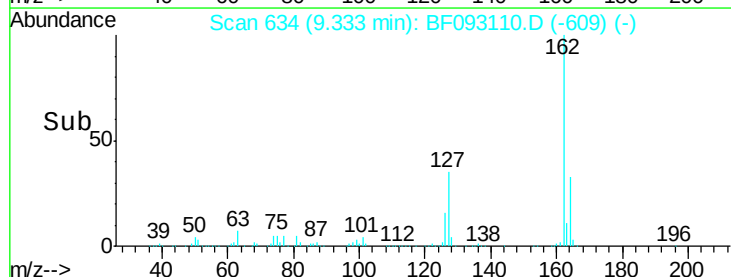
164 32.5 27.6 41.4

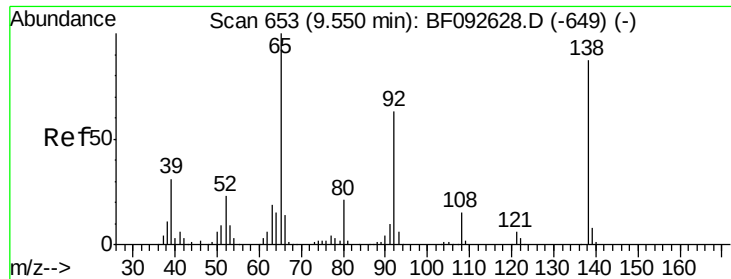


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

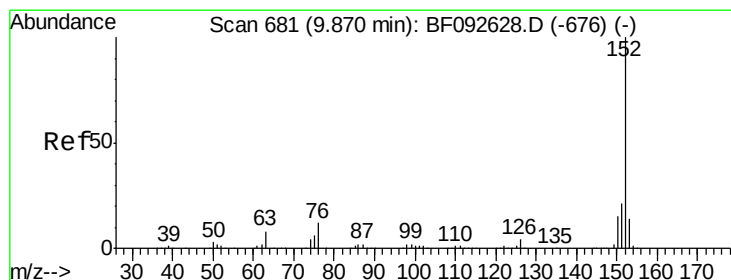
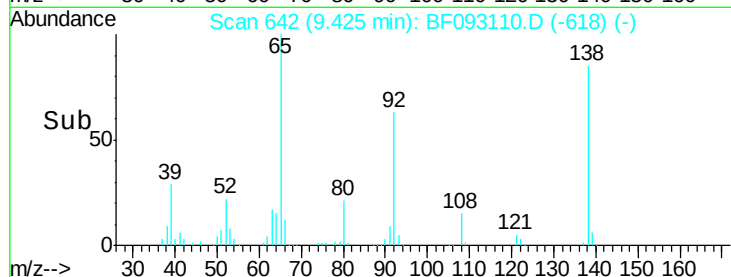
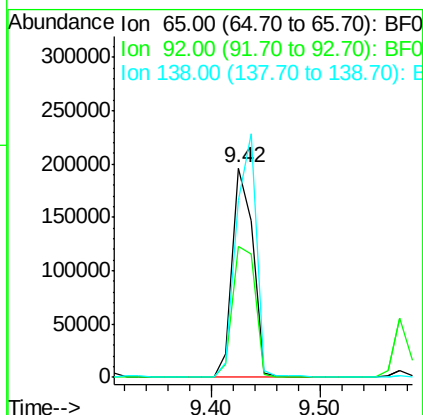
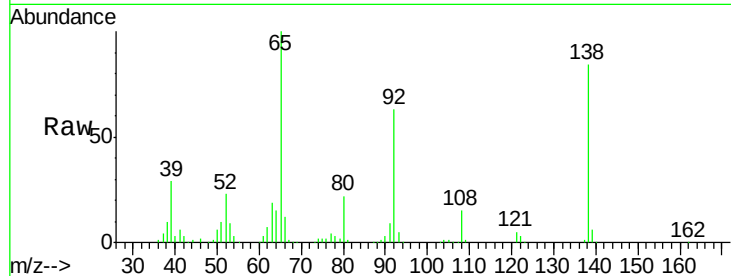




#47
2-Nitroaniline
Concen: 44.99 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

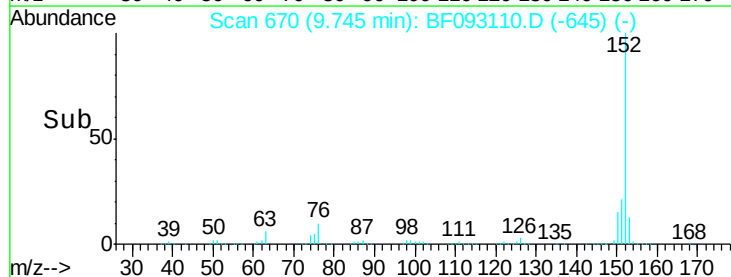
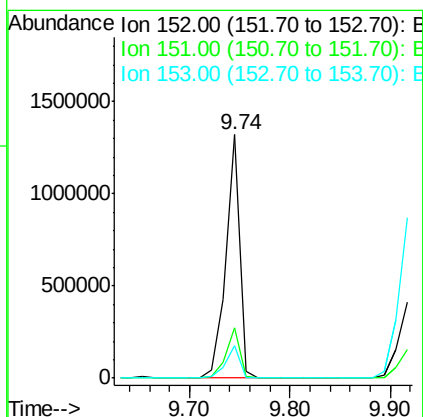
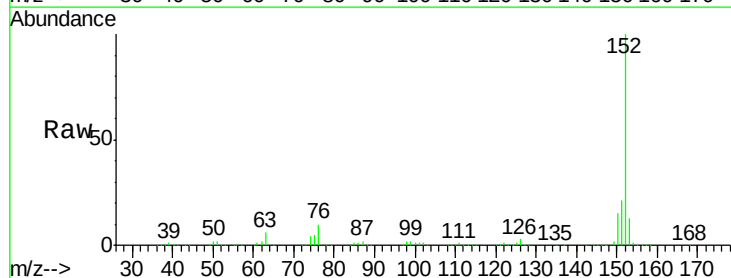
Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

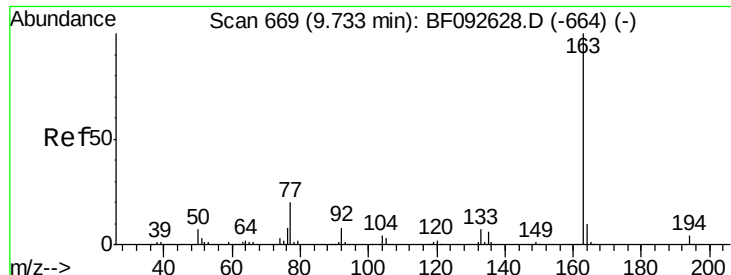
Tgt Ion: 65 Resp: 255815
Ion Ratio Lower Upper
65 100
92 62.7 53.9 80.9
138 84.5 76.8 115.2



#48
Acenaphthylene
Concen: 43.18 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion: 152 Resp: 1261369
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 13.4 11.4 17.2





#49

Dimethylphthalate

Concen: 52.78 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS

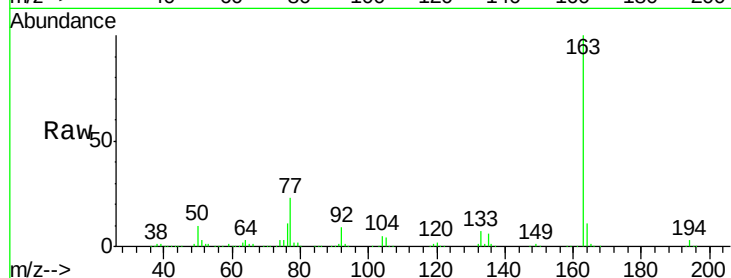
Tgt Ion:163 Resp: 1061247

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

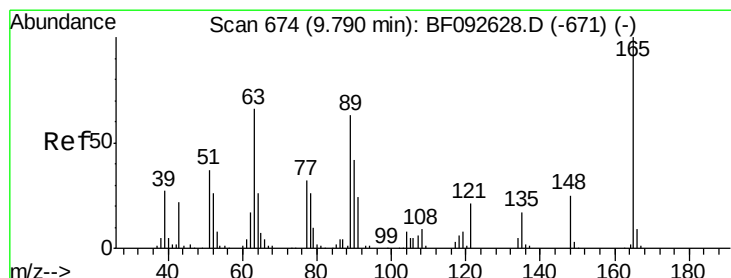
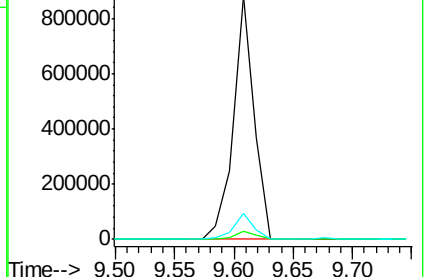
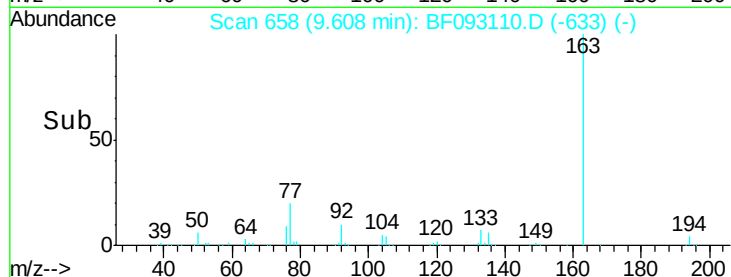
164 10.6 8.0 12.0



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: 51.76 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

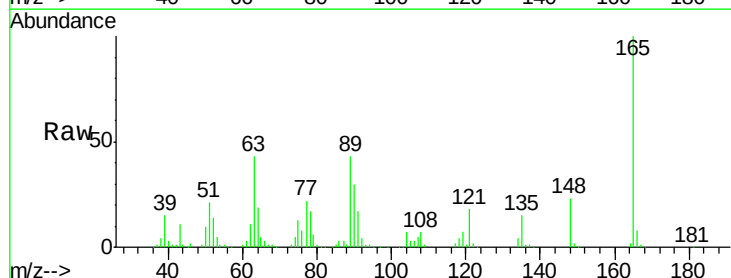
Tgt Ion:165 Resp: 224757

Ion Ratio Lower Upper

165 100

63 43.4 36.2 54.4

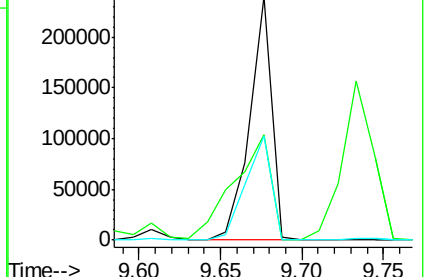
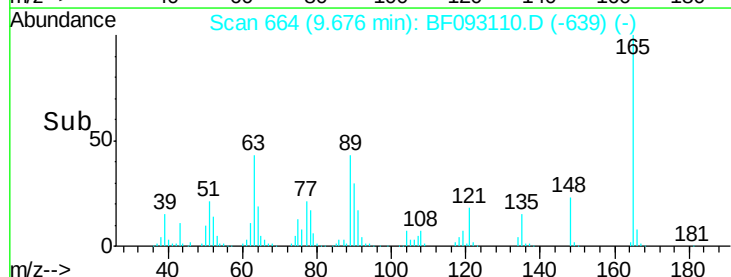
89 43.0 40.2 60.4

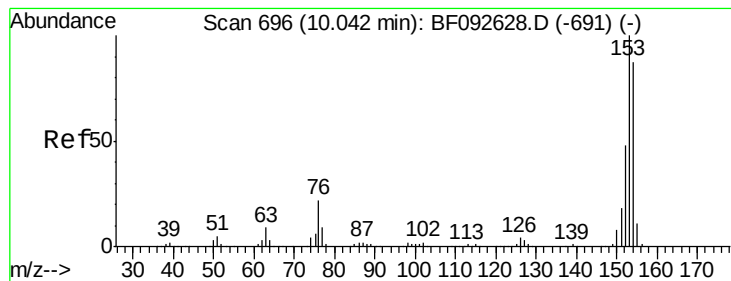


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.74 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS

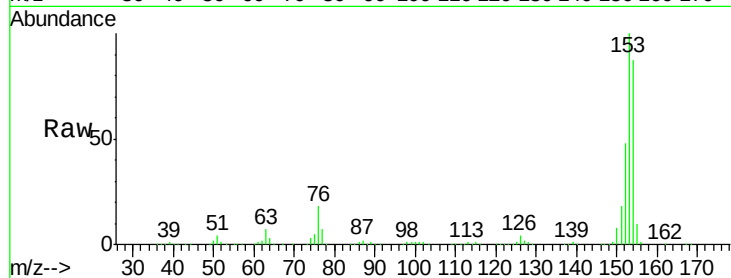
Tgt Ion:154 Resp: 746532

Ion Ratio Lower Upper

154 100

153 114.5 88.6 133.0

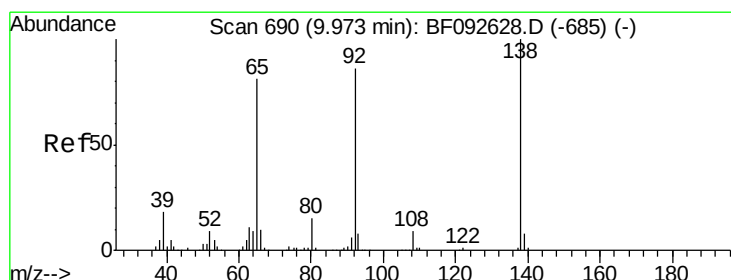
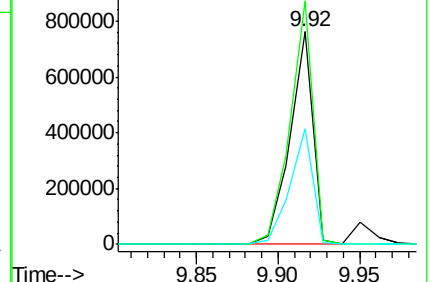
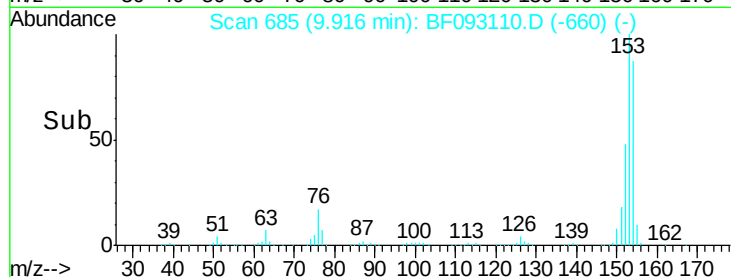
152 54.5 41.6 62.4



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: 31.31 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

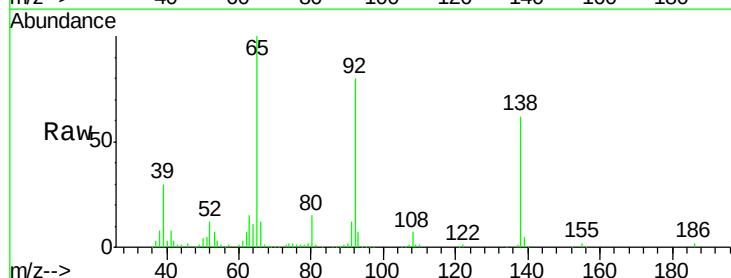
Tgt Ion:138 Resp: 155608

Ion Ratio Lower Upper

138 100

108 11.1 8.5 12.7

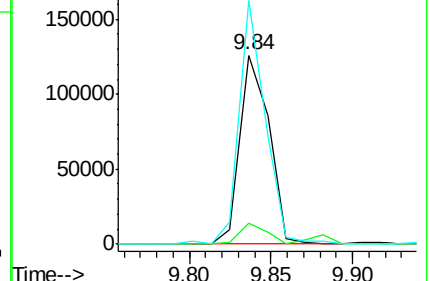
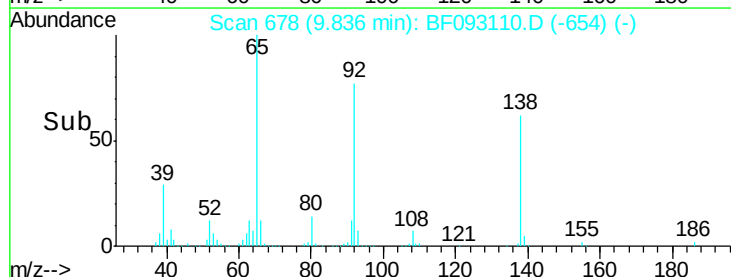
92 128.8 97.8 146.8

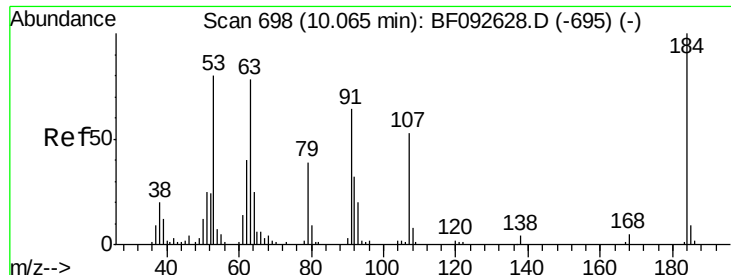


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

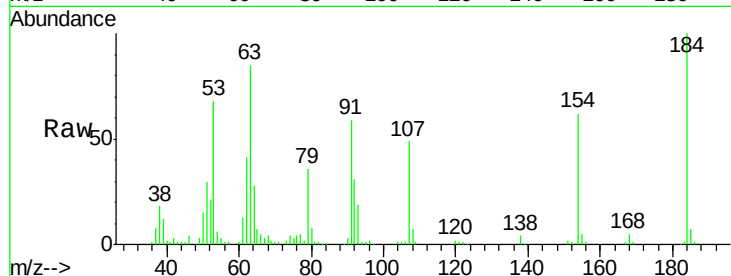




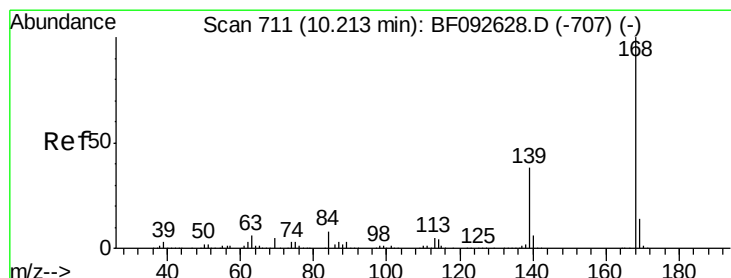
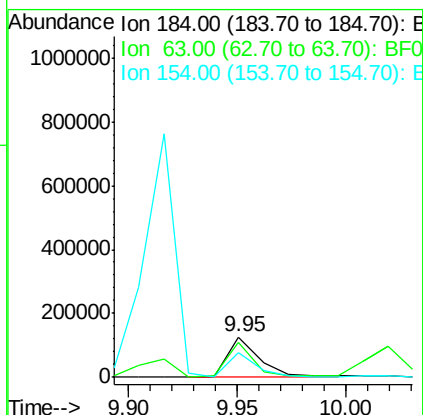
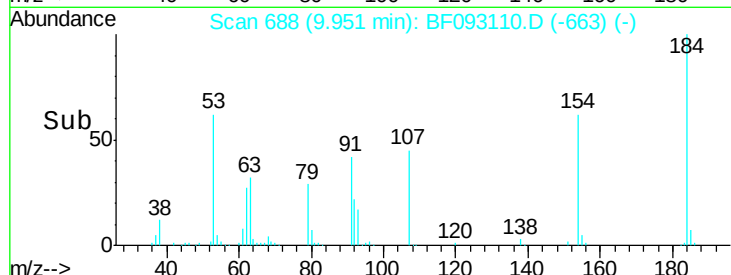
#53
2,4-Dinitrophenol
Concen: 59.90 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

Tgt Ion:184 Resp: 129536
Ion Ratio Lower Upper
184 100
63 85.2 28.4 42.6#
154 61.9 44.3 66.5

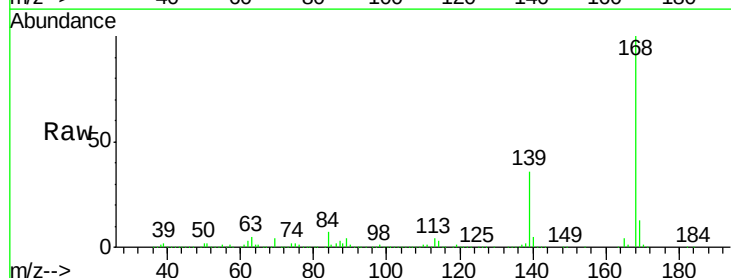


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

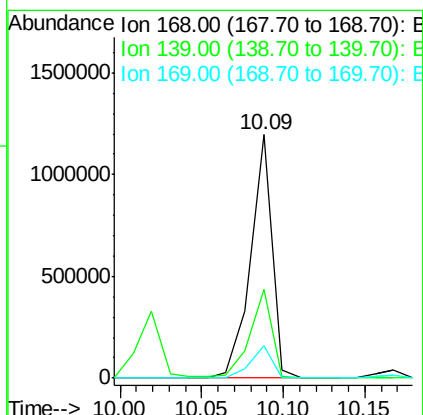
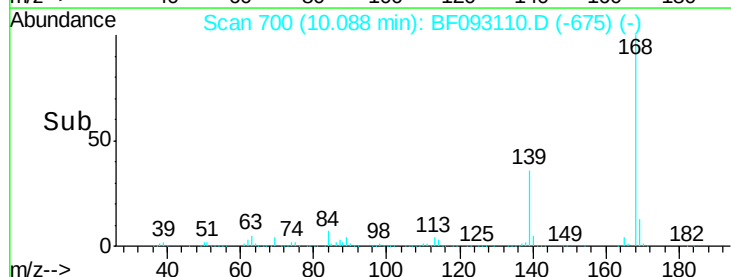


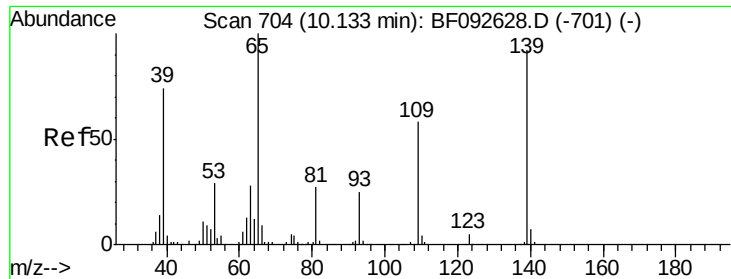
#54
Dibenzofuran
Concen: 46.85 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion:168 Resp: 1094456
Ion Ratio Lower Upper
168 100
139 36.3 32.6 49.0
169 13.4 11.3 16.9



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

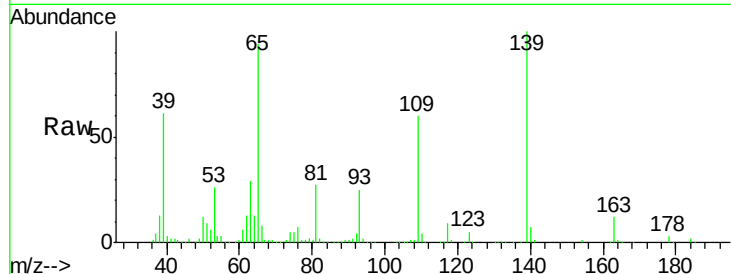




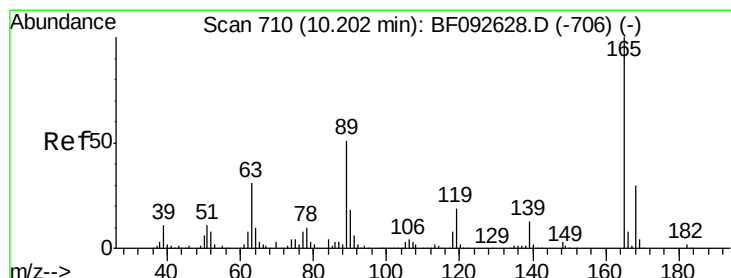
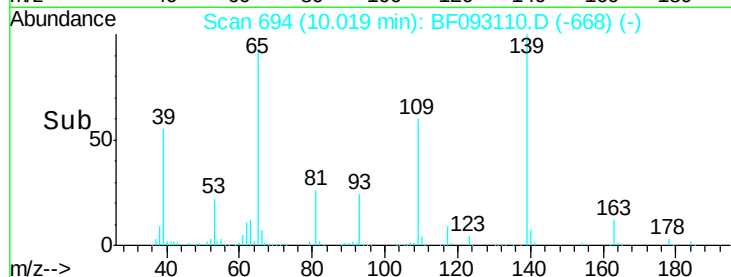
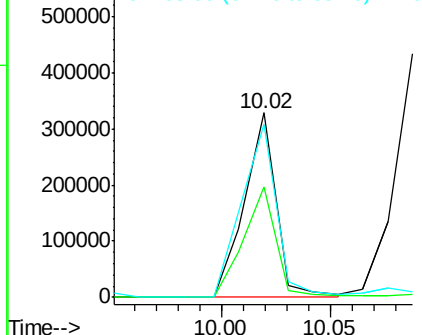
#55
4-Nitrophenol
Concen: 93.21 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

Tgt Ion:139 Resp: 333634
Ion Ratio Lower Upper
139 100
109 60.3 52.2 92.2
65 94.2 85.8 125.8

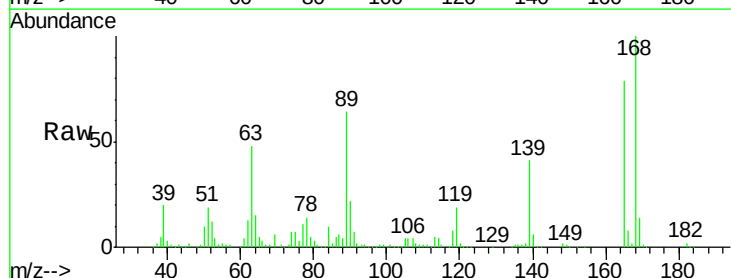


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

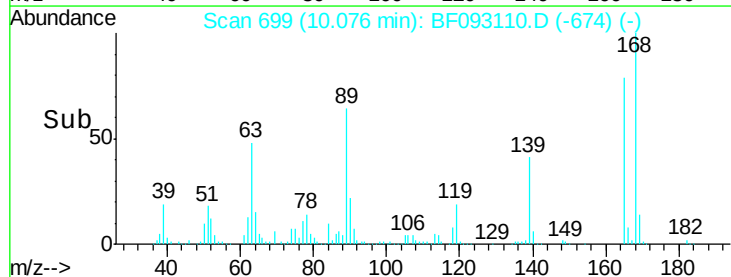
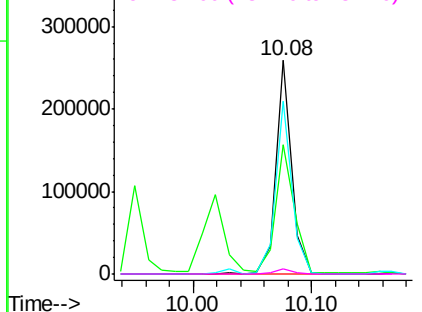


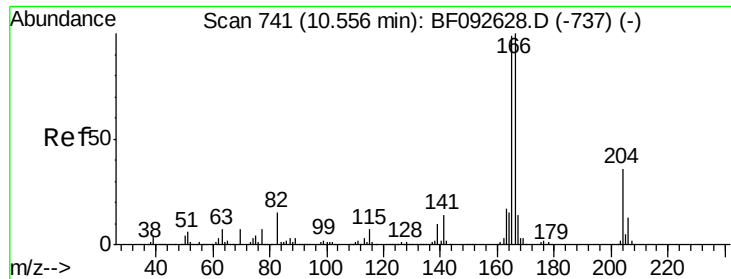
#56
2,4-Dinitrotoluene
Concen: 40.85 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion:165 Resp: 236179
Ion Ratio Lower Upper
165 100
63 60.5 40.2 60.4#
89 81.1 62.5 93.7
182 2.4 1.8 2.8



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





#57

Fluorene

Concen: 46.98 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS

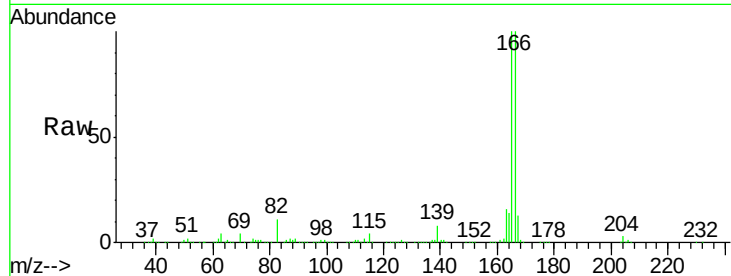
Tgt Ion:166 Resp: 844320

Ion Ratio Lower Upper

166 100

165 100.2 77.8 116.8

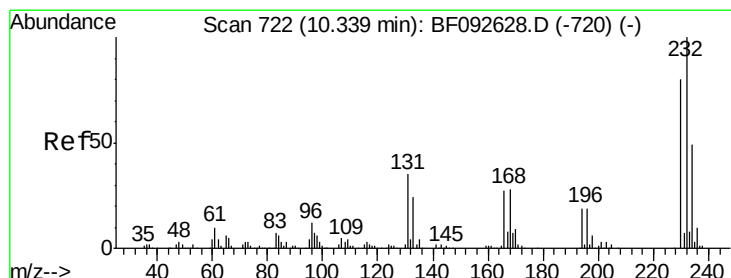
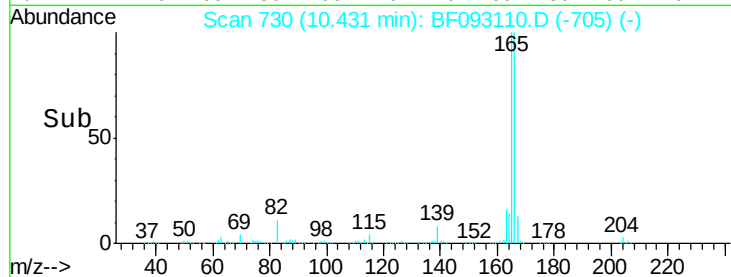
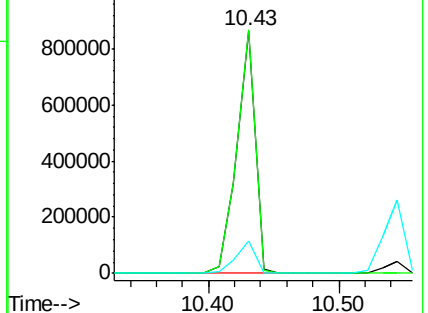
167 13.3 10.8 16.2



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: 49.75 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Tgt Ion:232 Resp: 200227

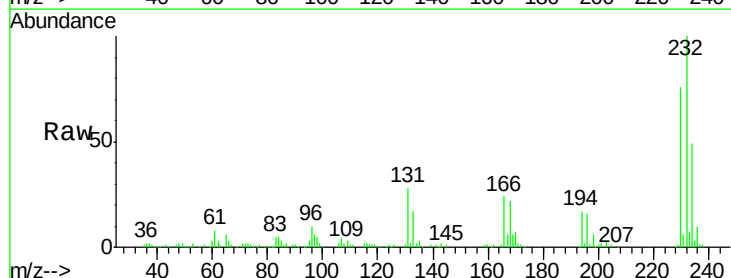
Ion Ratio Lower Upper

232 100

131 46.8 40.1 60.1

130 2.0 1.8 2.8

166 32.4 26.6 39.8

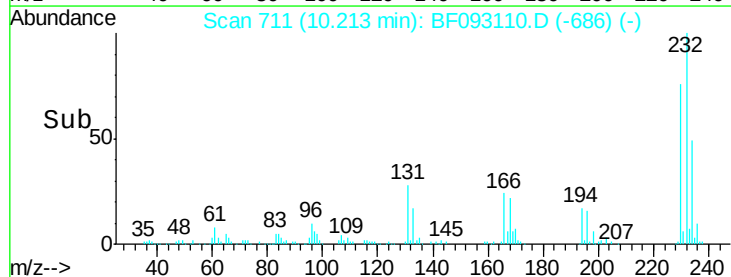
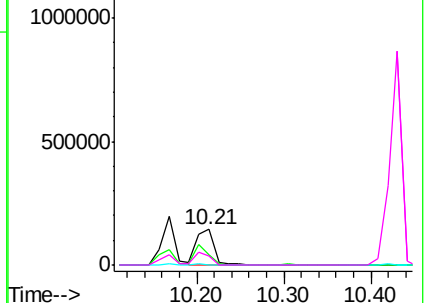


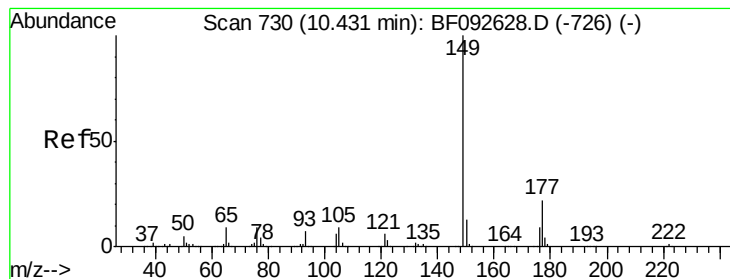
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.98 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS

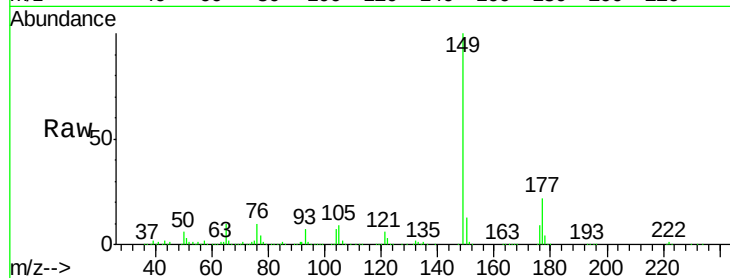
Tgt Ion:149 Resp: 852447

Ion Ratio Lower Upper

149 100

177 22.0 16.6 25.0

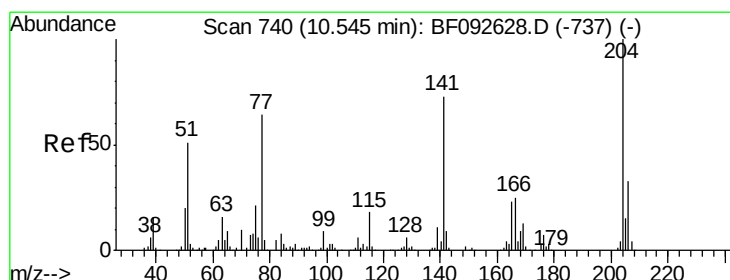
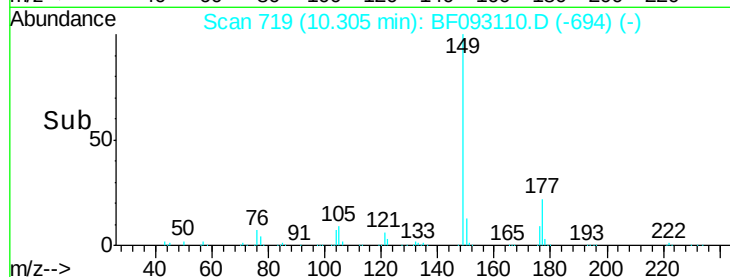
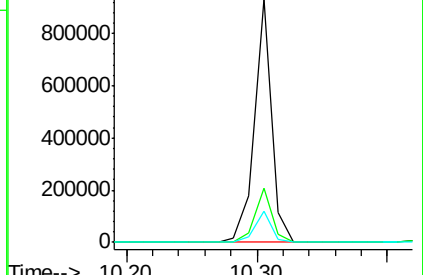
150 12.5 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.87 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

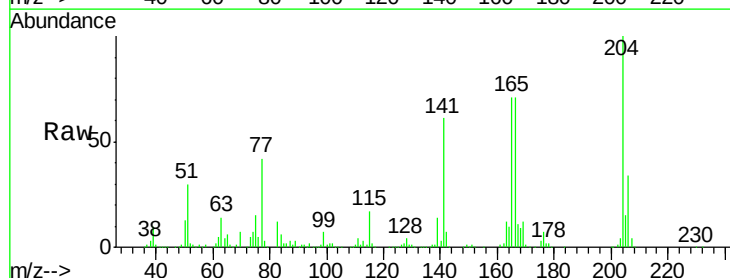
Tgt Ion:204 Resp: 370124

Ion Ratio Lower Upper

204 100

206 33.9 25.8 38.6

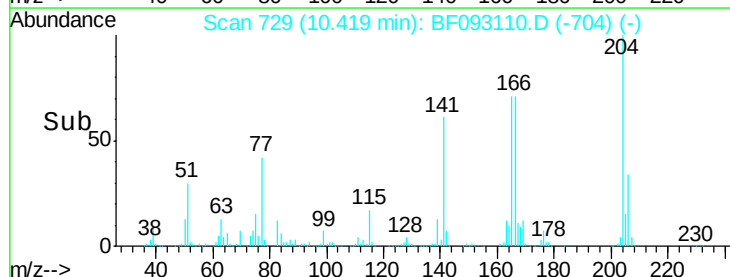
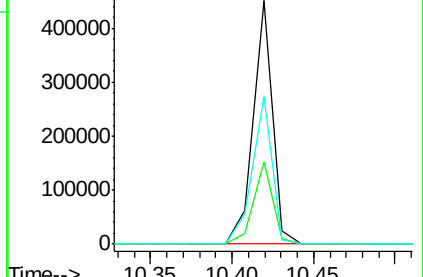
141 60.7 59.4 89.0

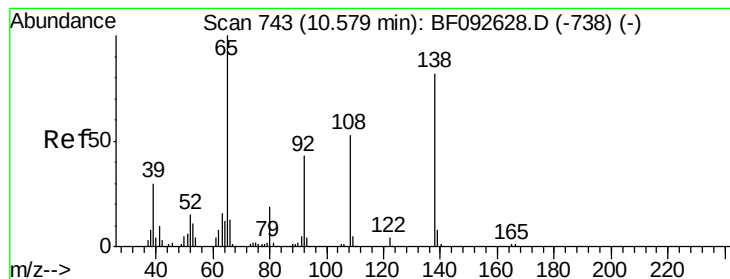


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.18 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS

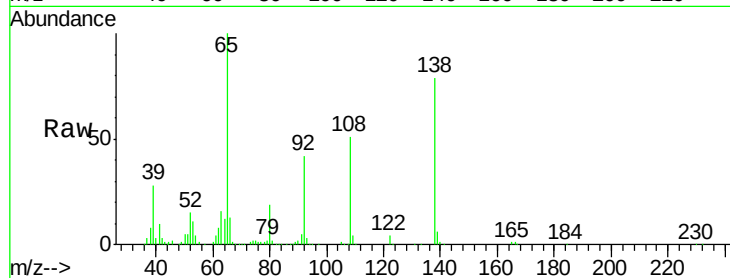
Tgt Ion:138 Resp: 219798

Ion Ratio Lower Upper

138 100

92 53.1 31.7 71.7

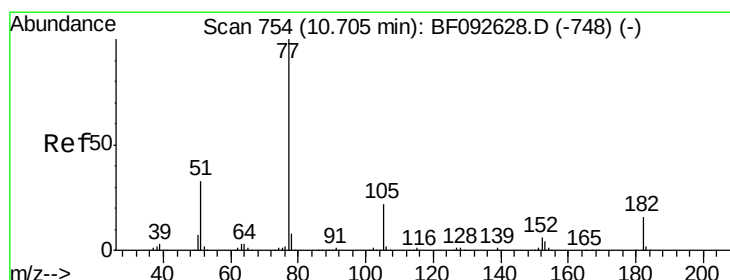
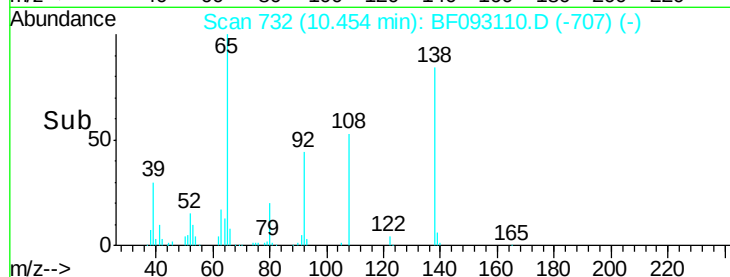
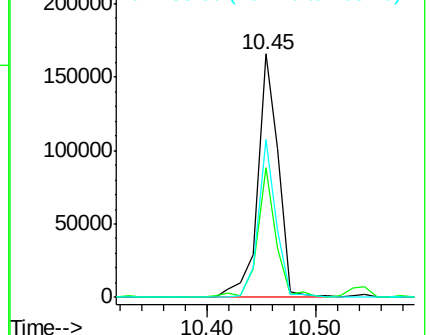
108 65.1 52.6 92.6



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: 51.13 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Tgt Ion: 77 Resp: 1001004

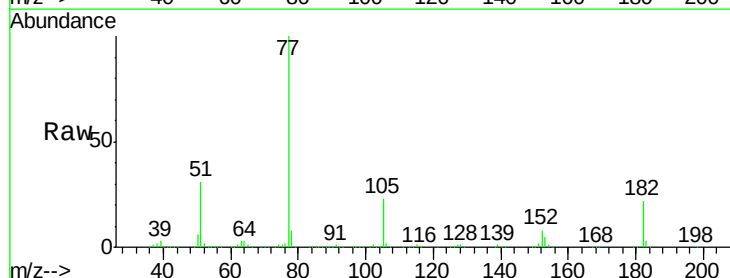
Ion Ratio Lower Upper

77 100

182 22.3 0.0 39.3

105 23.5 2.3 42.3

51 30.6 8.9 48.9

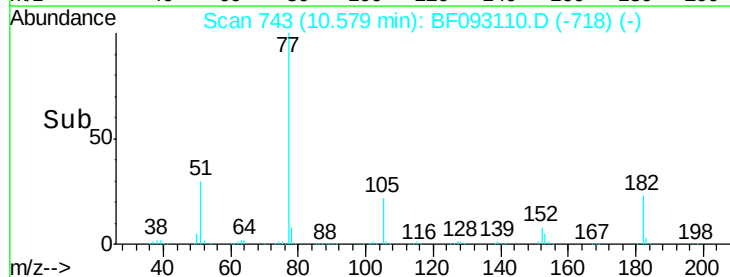
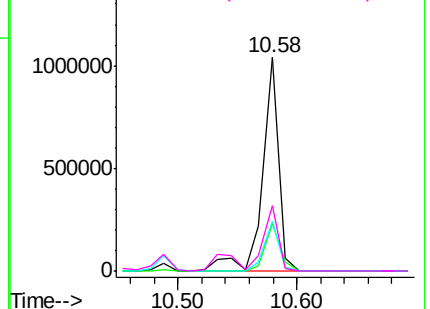


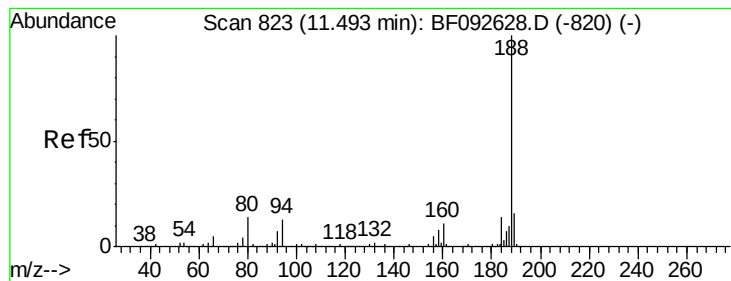
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS

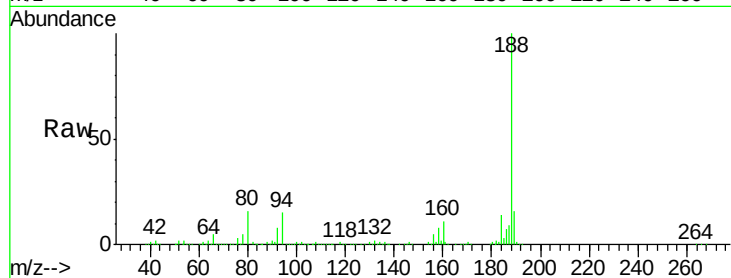
Tgt Ion:188 Resp: 539143

Ion Ratio Lower Upper

188 100

94 14.6 10.0 15.0

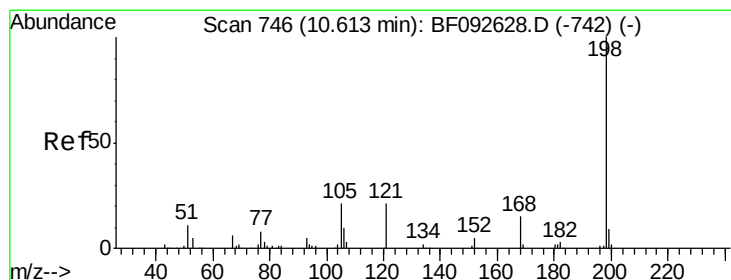
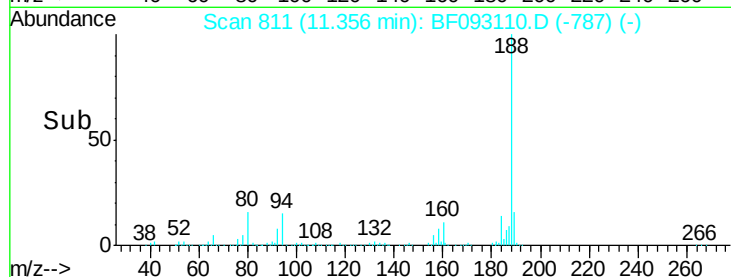
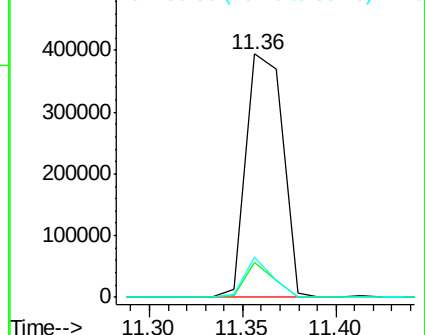
80 16.2 11.2 16.8



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: 45.09 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

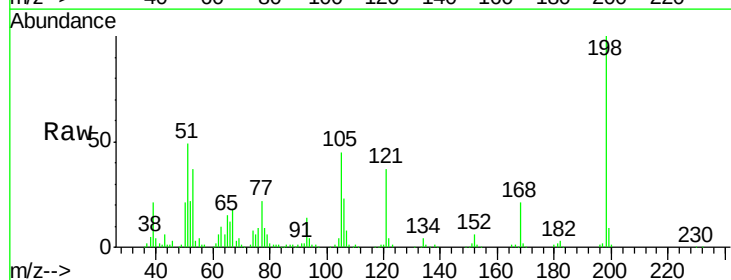
Tgt Ion:198 Resp: 147394

Ion Ratio Lower Upper

198 100

51 49.1 6.7 46.7#

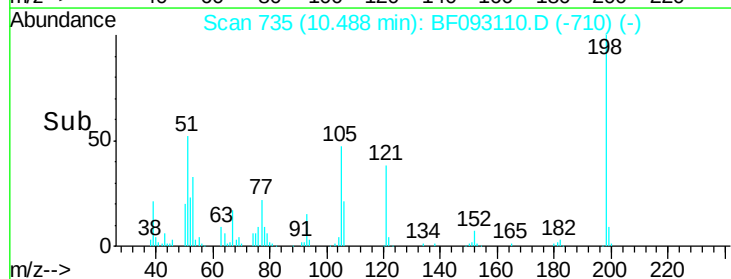
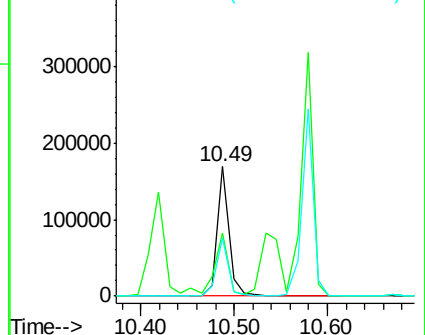
105 44.7 16.6 56.6

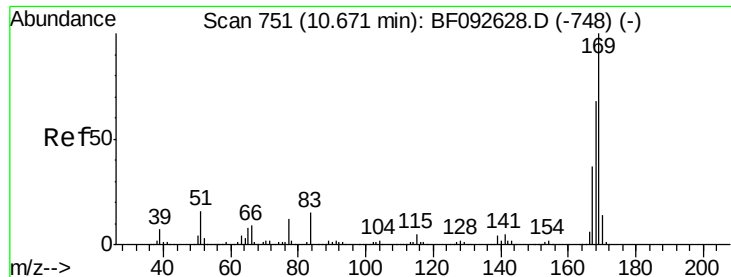


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.85 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS

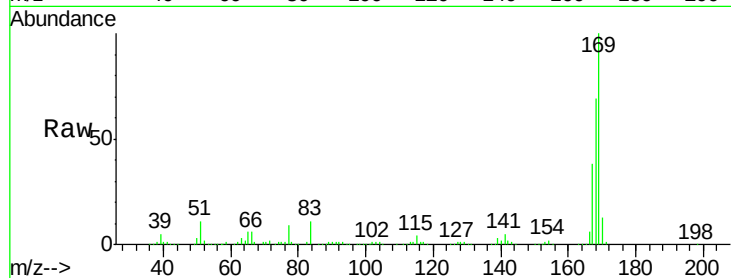
Tgt Ion:169 Resp: 755160

Ion Ratio Lower Upper

169 100

168 69.2 54.2 81.2

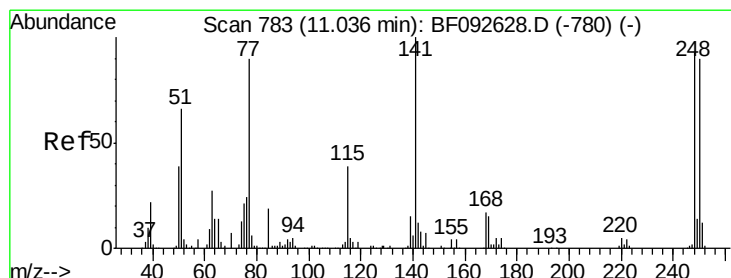
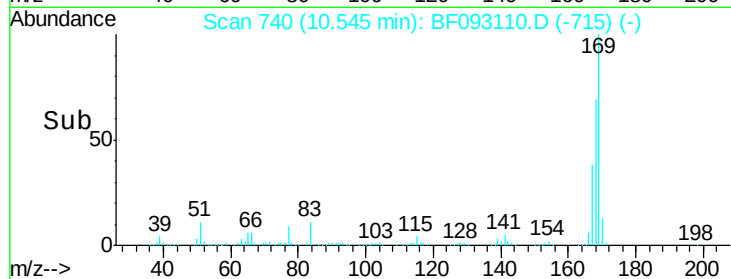
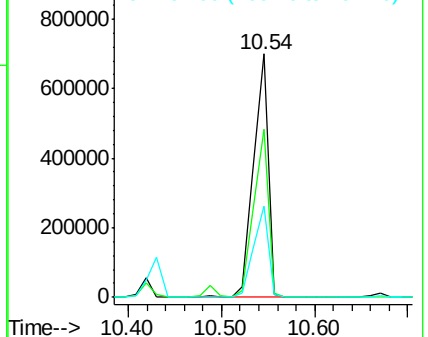
167 37.6 30.2 45.4



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: 41.85 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

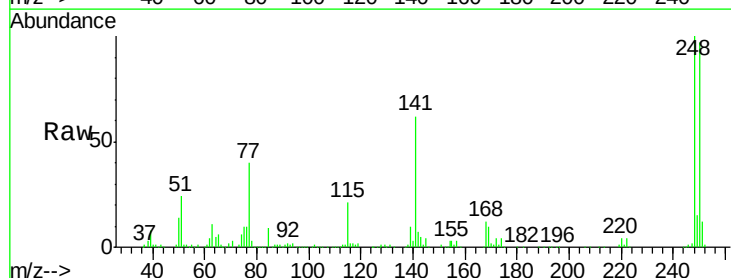
Tgt Ion:248 Resp: 235714

Ion Ratio Lower Upper

248 100

250 97.4 76.9 115.3

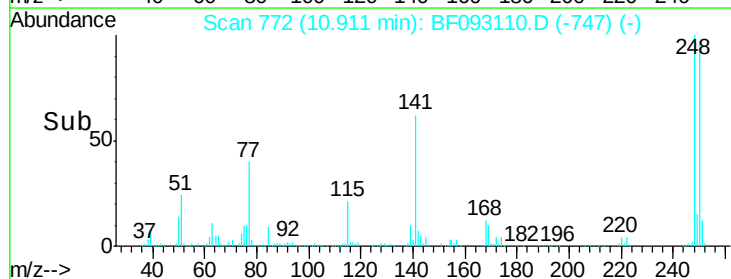
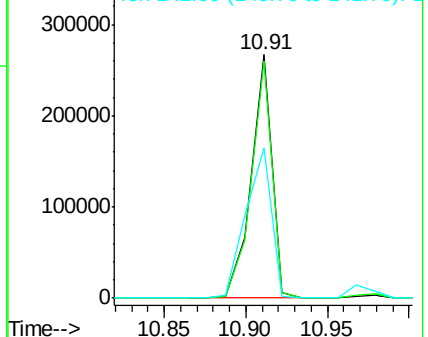
141 61.8 68.2 102.4#

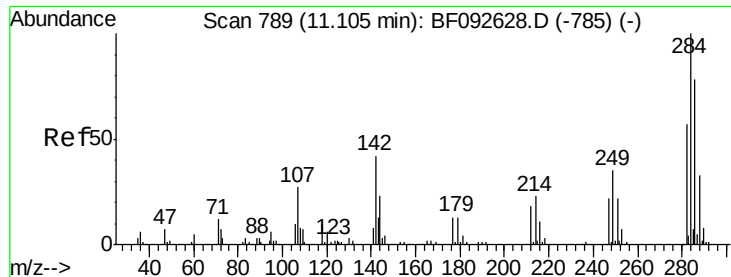


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.46 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS

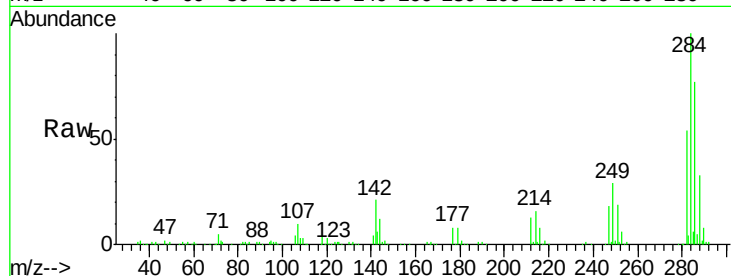
Tgt Ion:284 Resp: 230799

Ion Ratio Lower Upper

284 100

142 20.8 22.6 33.8#

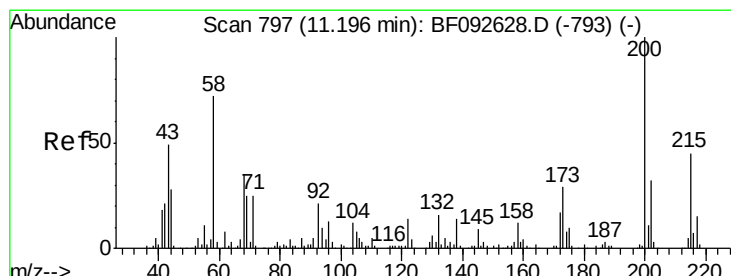
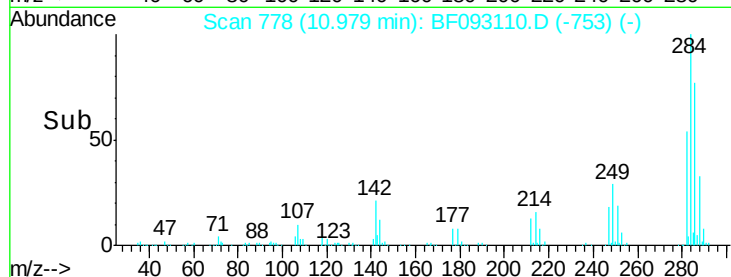
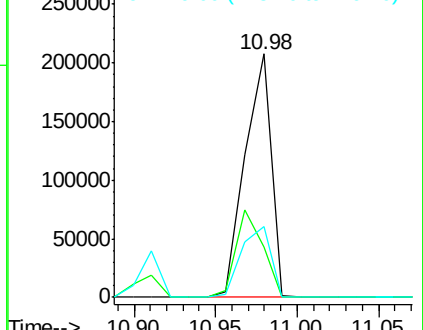
249 29.3 25.4 38.0



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: 41.98 ng

RT: 11.07 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

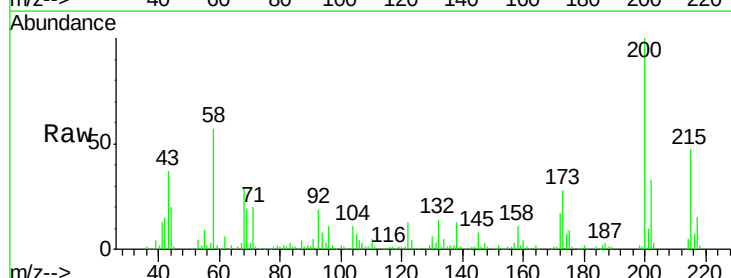
Tgt Ion:200 Resp: 232014

Ion Ratio Lower Upper

200 100

173 27.9 9.6 49.6

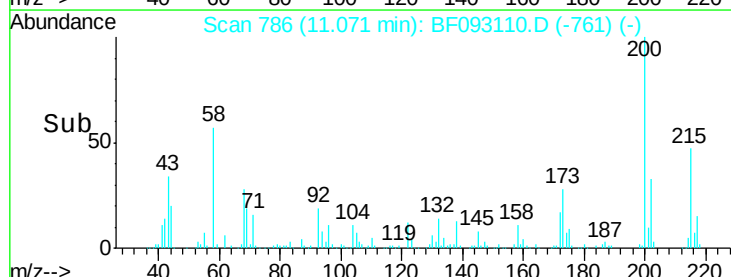
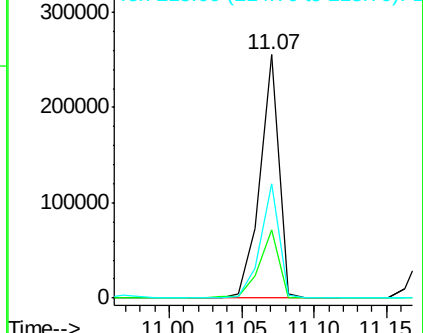
215 46.9 25.7 65.7

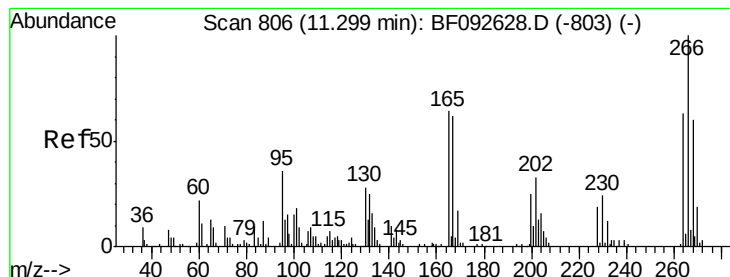


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 79.43 ng

RT: 11.17 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS

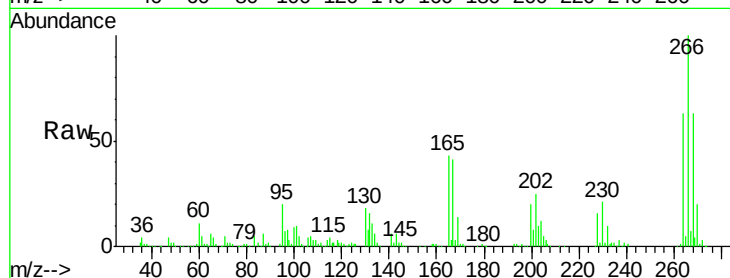
Tgt Ion:266 Resp: 228073

Ion Ratio Lower Upper

266 100

268 62.7 53.3 79.9

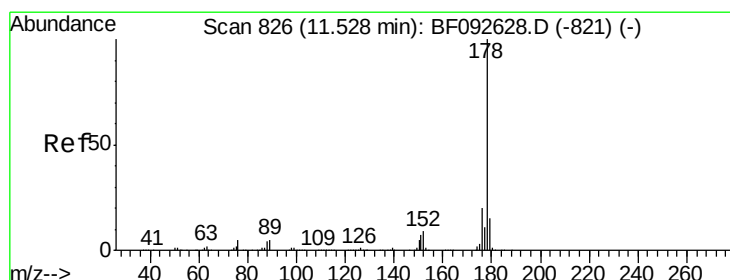
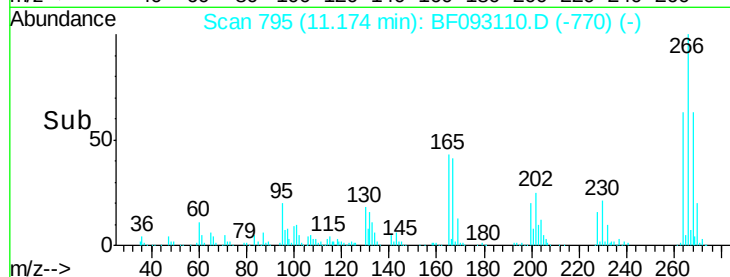
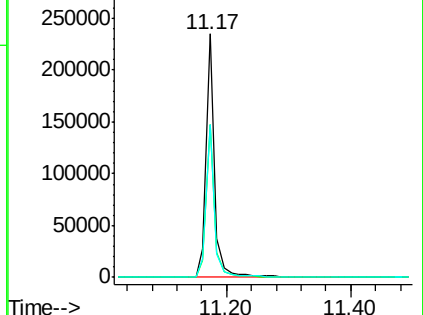
264 62.6 50.3 75.5



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: 41.41 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

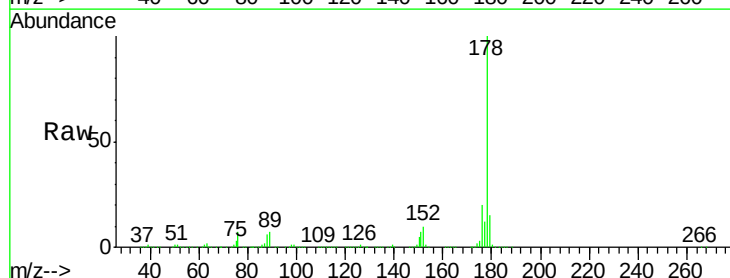
Tgt Ion:178 Resp: 1279008

Ion Ratio Lower Upper

178 100

176 19.8 16.6 25.0

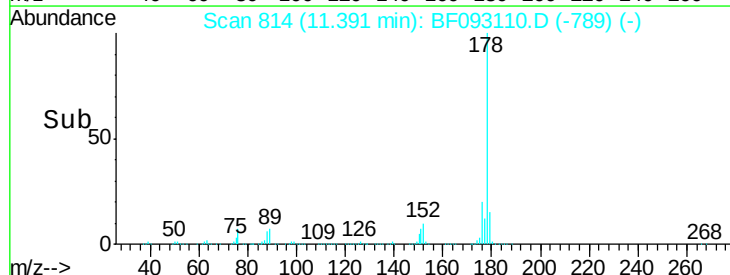
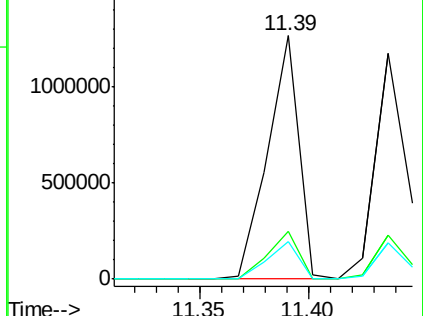
179 15.3 12.8 19.2

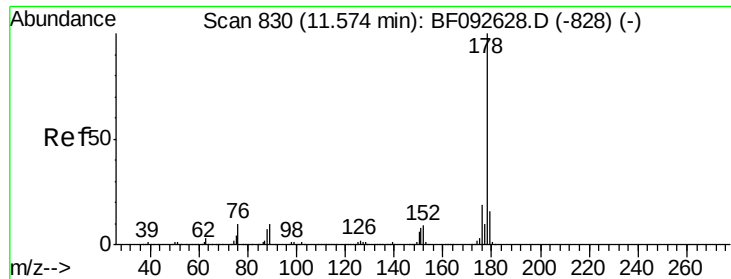


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

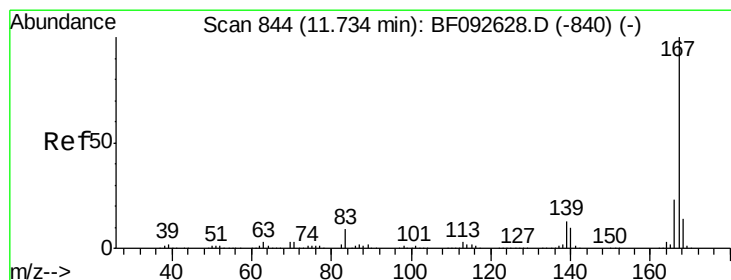
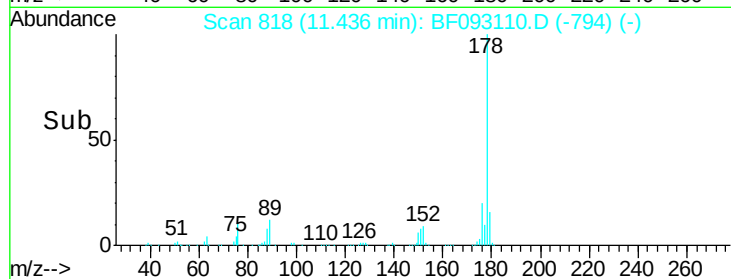
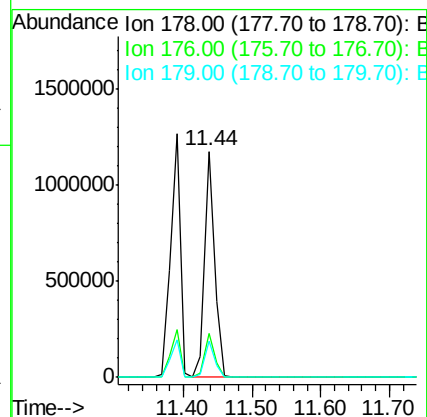
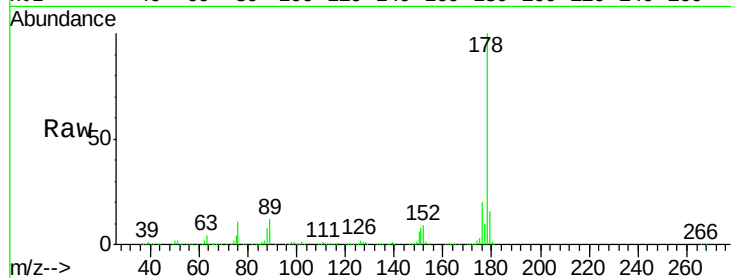




#71
 Anthracene
 Concen: 37.54 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

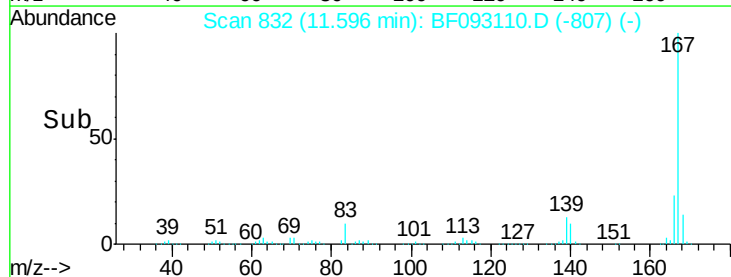
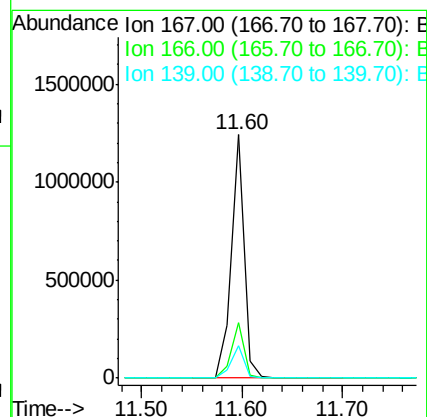
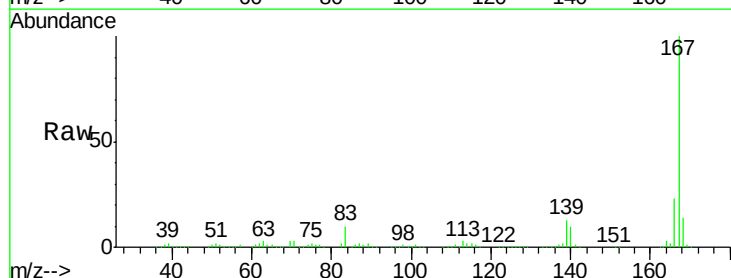
Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SANDMS

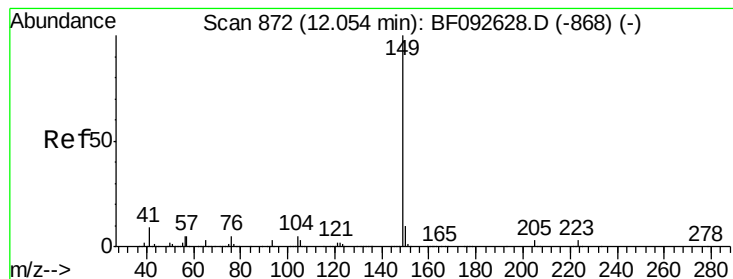
Tgt Ion:178 Resp: 1164469
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.8 13.2 19.8



#72
 Carbazole
 Concen: 37.56 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion:167 Resp: 1113839
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 13.3 11.4 17.2





#73

Di-n-butylphthalate

Concen: 45.46 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS

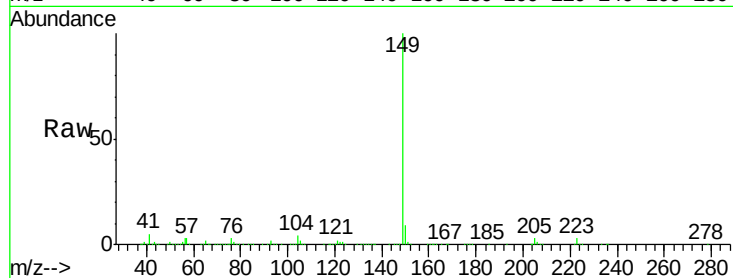
Tgt Ion:149 Resp: 1457684

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

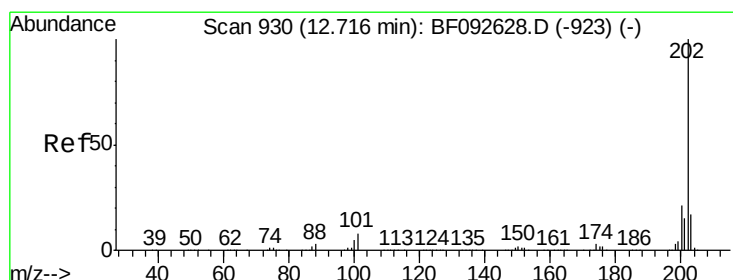
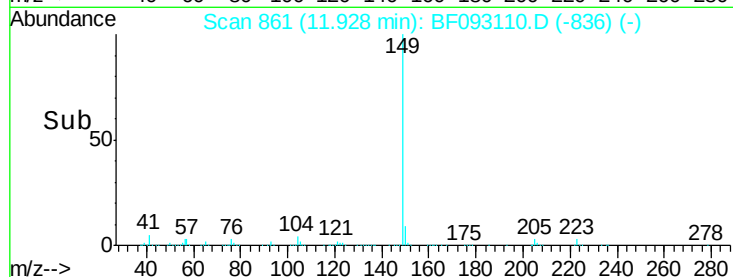
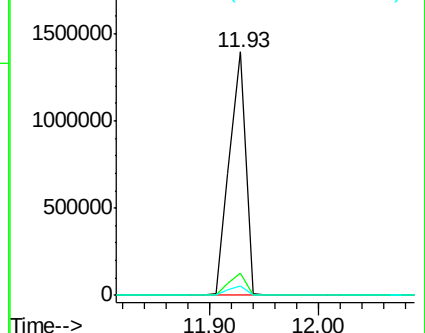
104 3.8 4.6 7.0#



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: 38.32 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

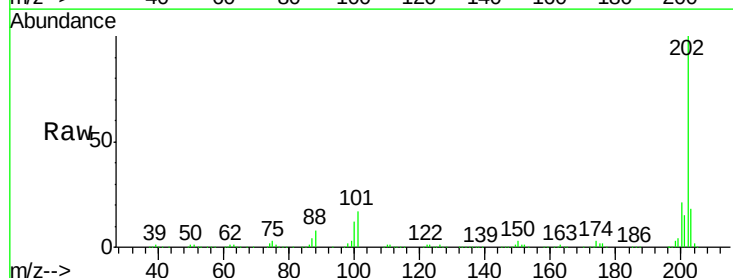
Tgt Ion:202 Resp: 1221060

Ion Ratio Lower Upper

202 100

101 16.6 0.0 34.6

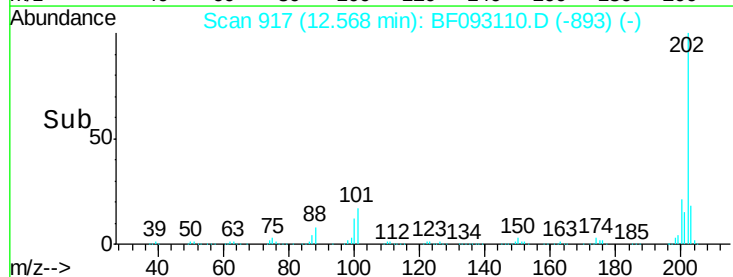
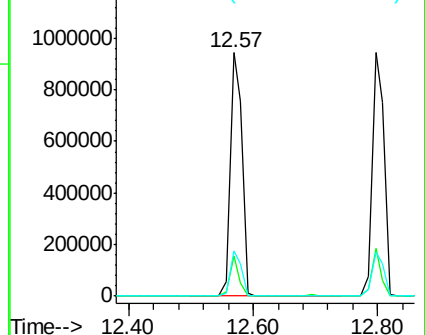
203 18.4 0.0 38.7

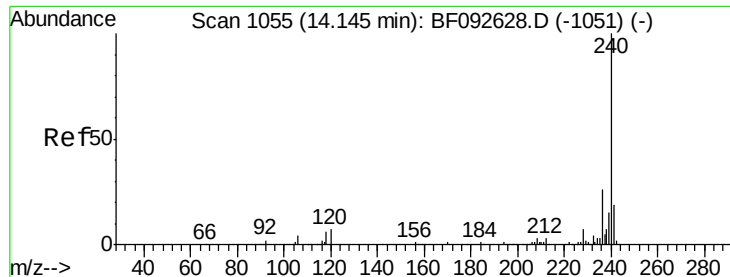


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS

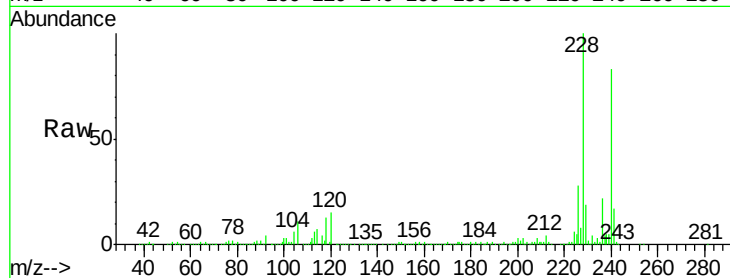
Tgt Ion:240 Resp: 429178

Ion Ratio Lower Upper

240 100

120 18.2 12.9 19.3

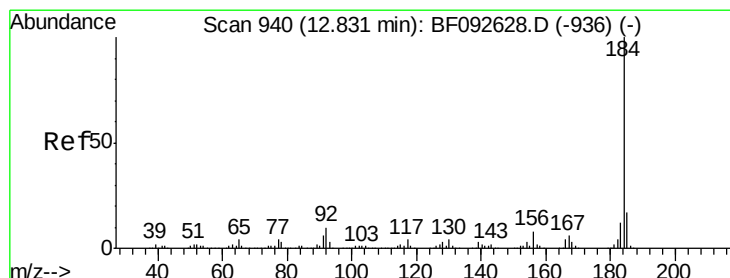
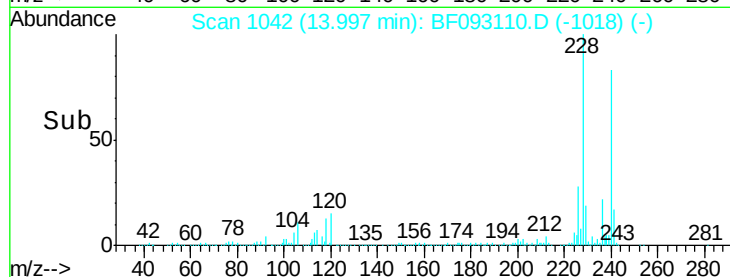
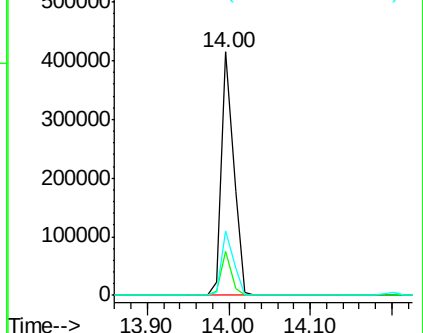
236 26.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.91 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

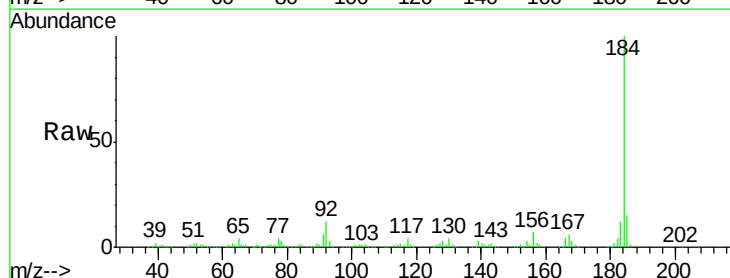
Tgt Ion:184 Resp: 492090

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.0

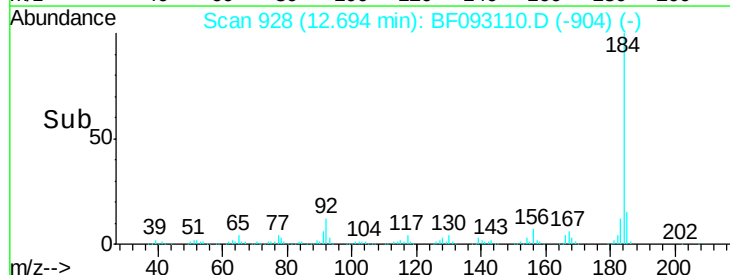
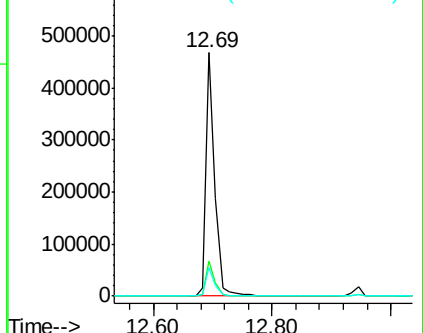
183 11.9 9.2 13.8

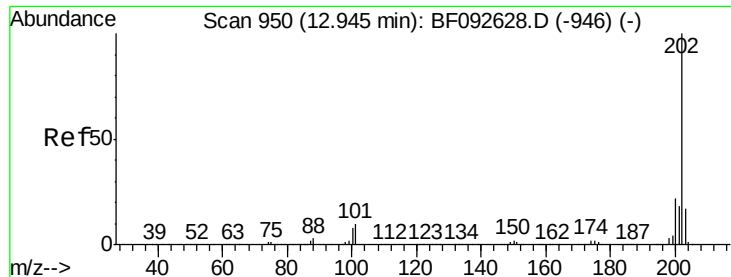


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.11 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS

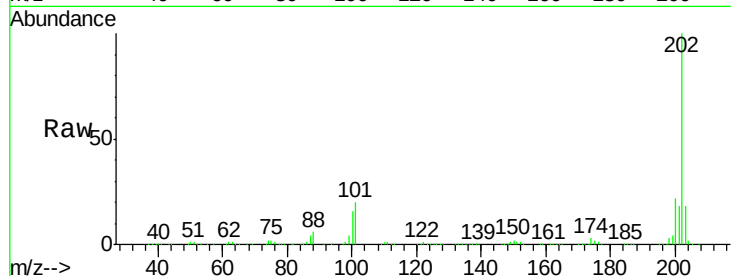
Tgt Ion:202 Resp: 1223980

Ion Ratio Lower Upper

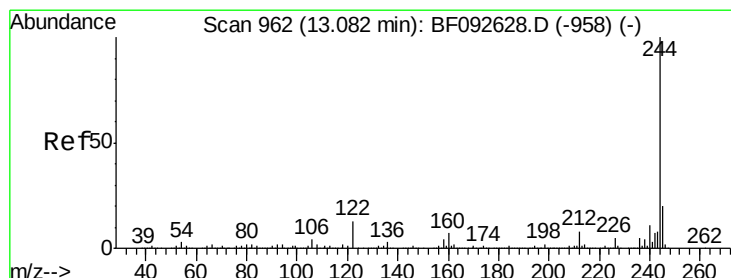
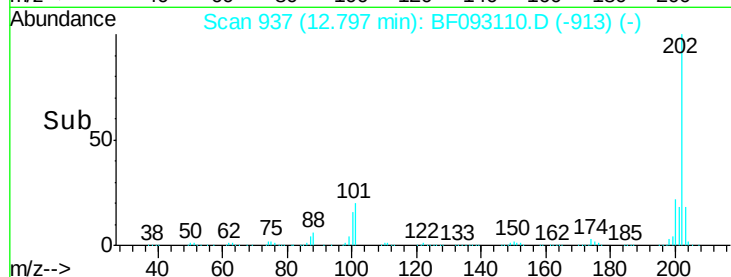
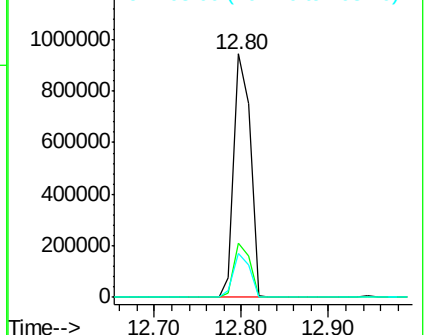
202 100

200 22.0 17.7 26.5

203 17.9 14.7 22.1



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



#78

Terphenyl-d14

Concen: 72.30 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

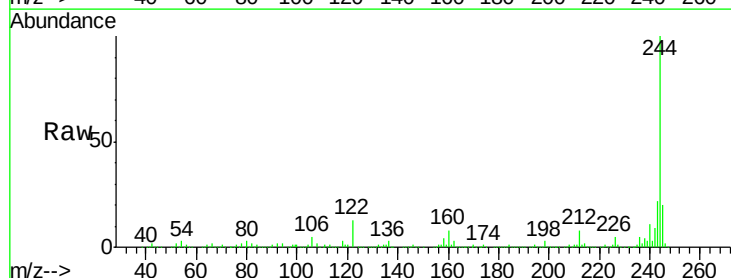
Tgt Ion:244 Resp: 1320545

Ion Ratio Lower Upper

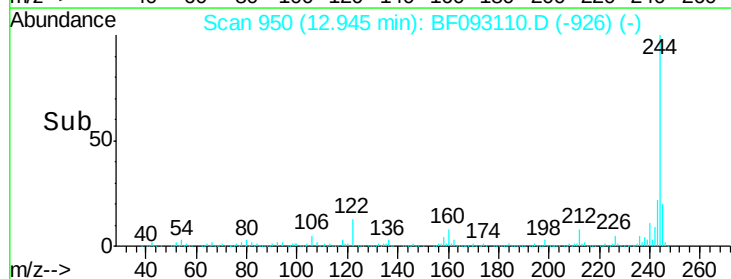
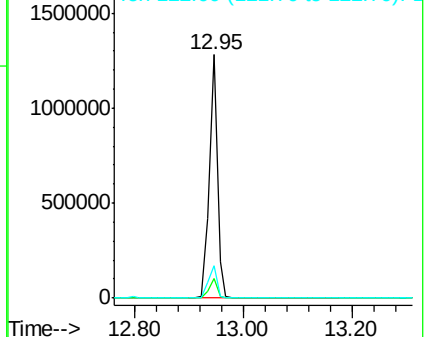
244 100

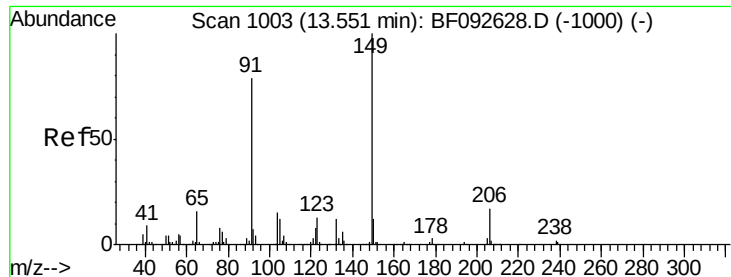
212 7.9 6.2 9.2

122 13.5 11.4 17.2



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

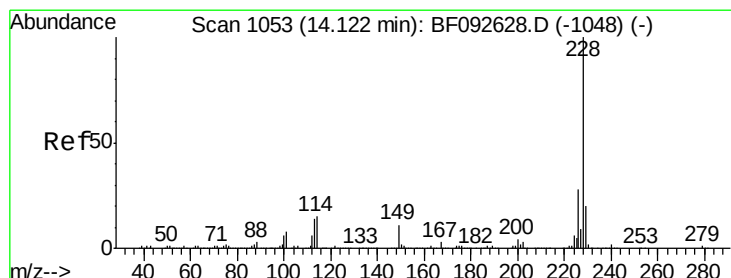
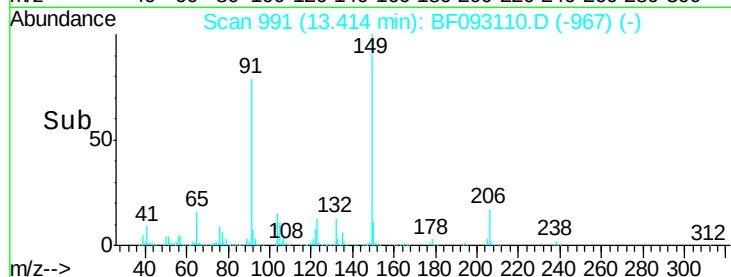
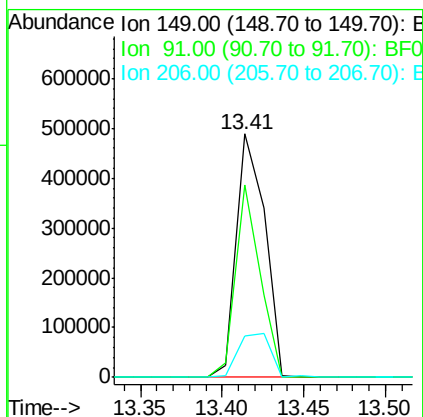
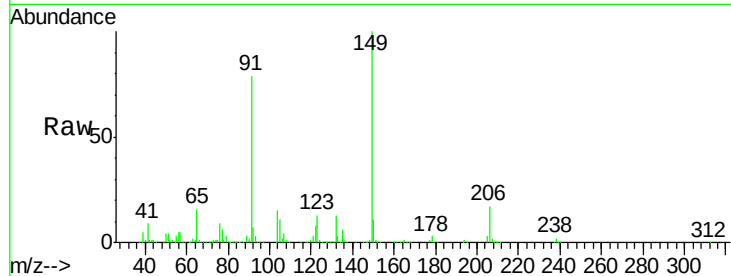




#79
Butylbenzylphthalate
Concen: 45.10 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

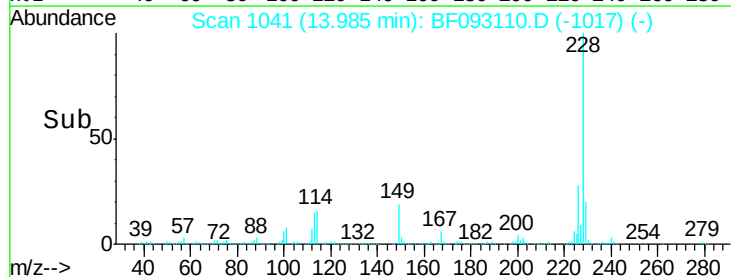
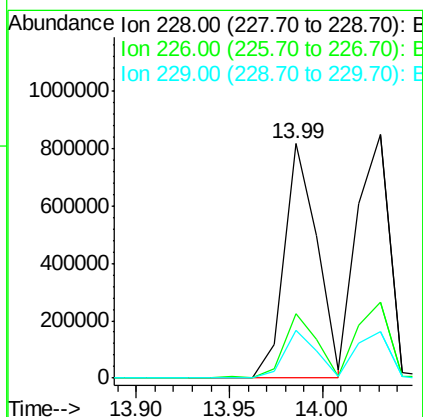
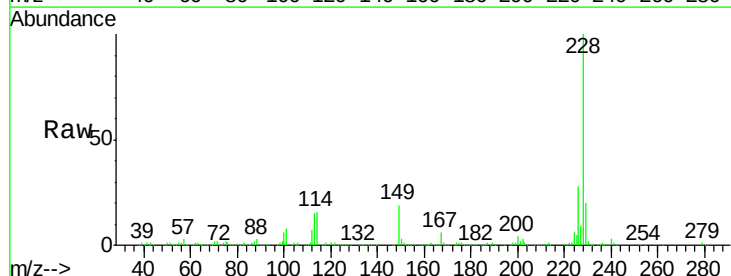
Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

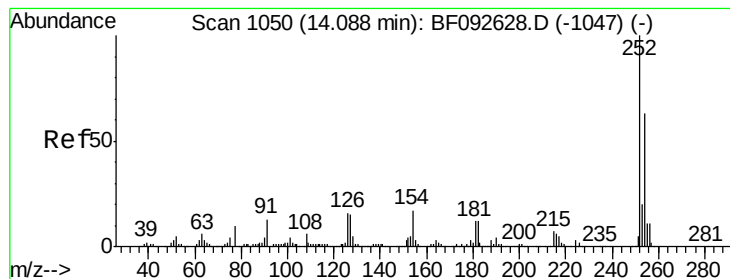
Tgt Ion:149 Resp: 588197
Ion Ratio Lower Upper
149 100
91 78.8 63.9 95.9
206 17.2 14.6 21.8



#80
Benzo(a)anthracene
Concen: 38.16 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion:228 Resp: 1001744
Ion Ratio Lower Upper
228 100
226 27.7 22.4 33.6
229 20.4 16.2 24.4

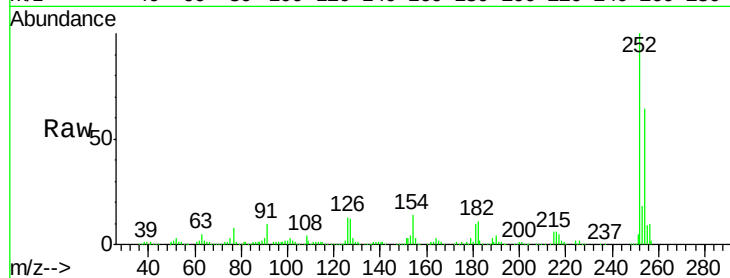




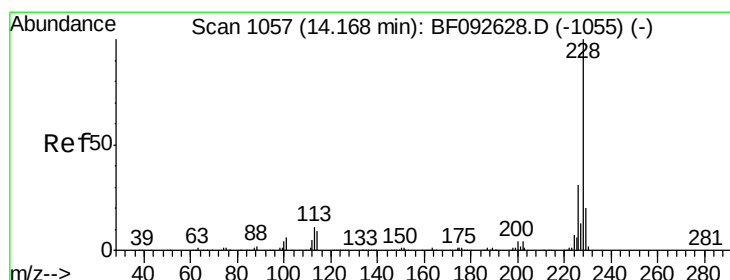
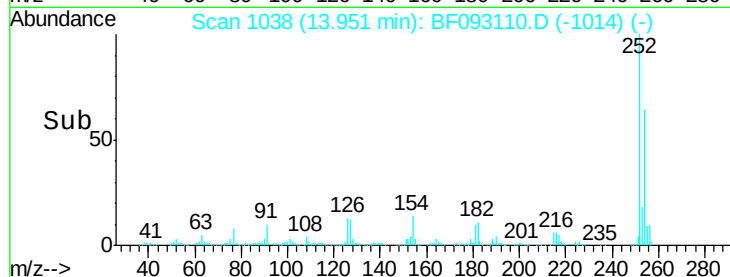
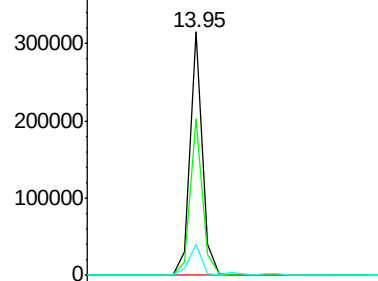
#81
 3,3'-Dichlorobenzidine
 Concen: 28.72 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SANDMS

Tgt Ion: 252 Resp: 268704
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.3 78.5
 126 12.8 13.6 20.4#

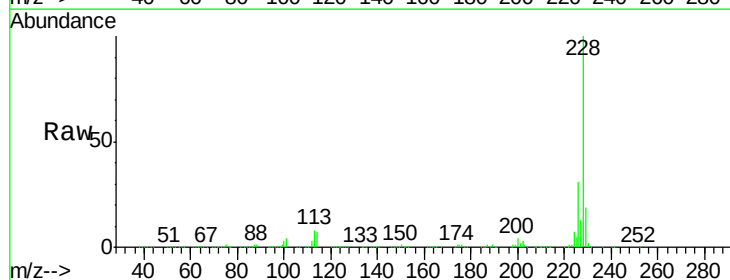


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

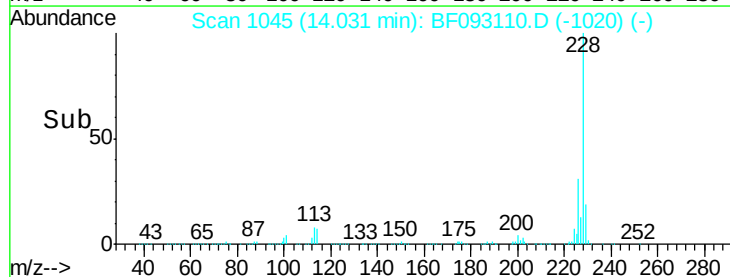
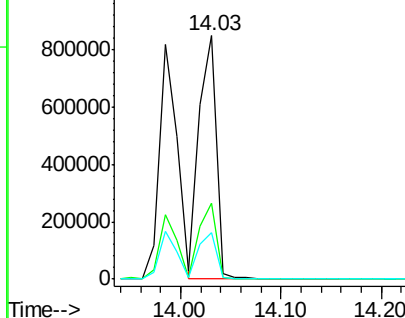


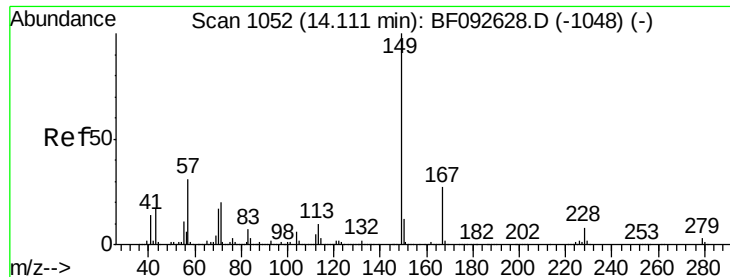
#82
 Chrysene
 Concen: 41.77 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion: 228 Resp: 1026599
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.4 38.0
 229 19.3 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.86 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS

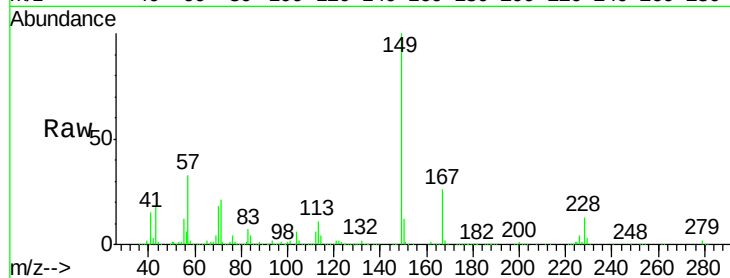
Tgt Ion:149 Resp: 764582

Ion Ratio Lower Upper

149 100

167 25.8 20.2 30.4

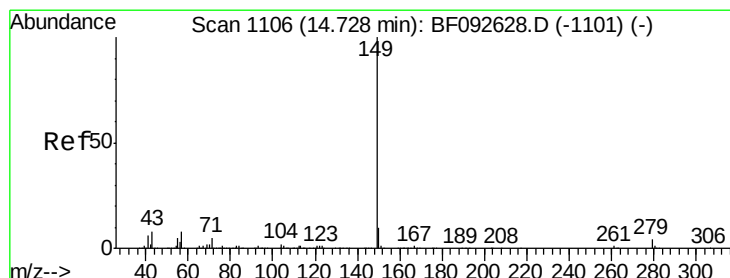
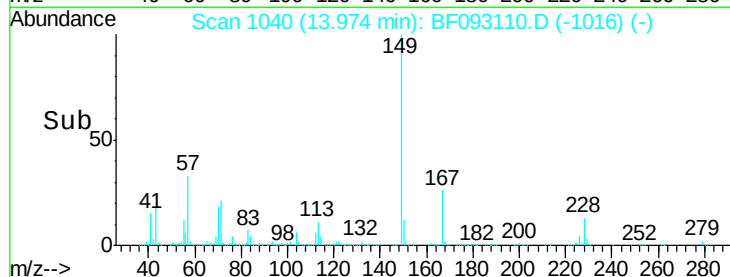
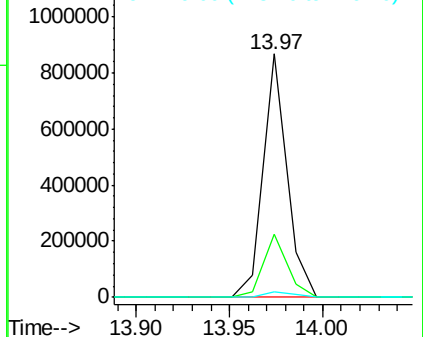
279 2.4 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.01 ng

RT: 14.59 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

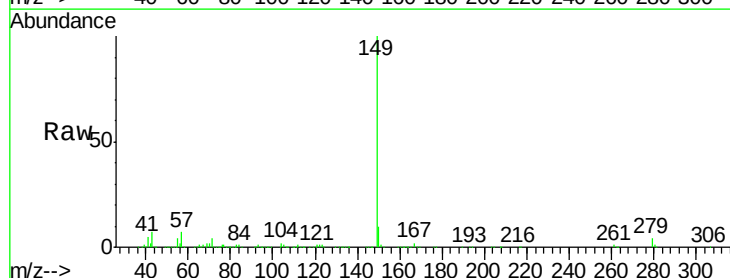
Tgt Ion:149 Resp: 1394439

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

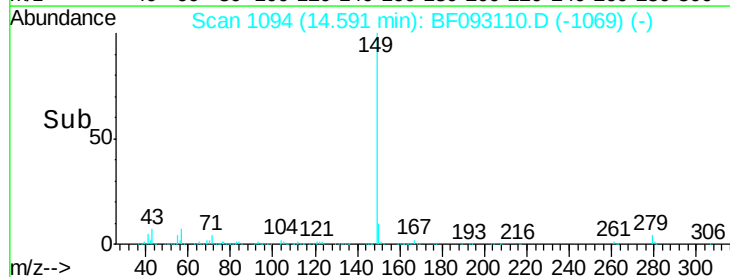
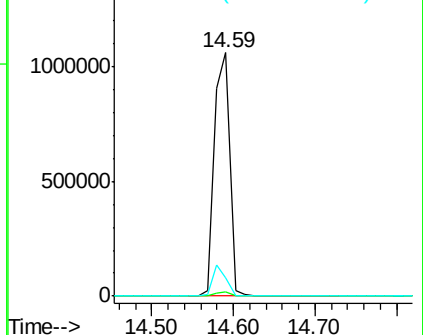
43 11.0 8.9 13.3

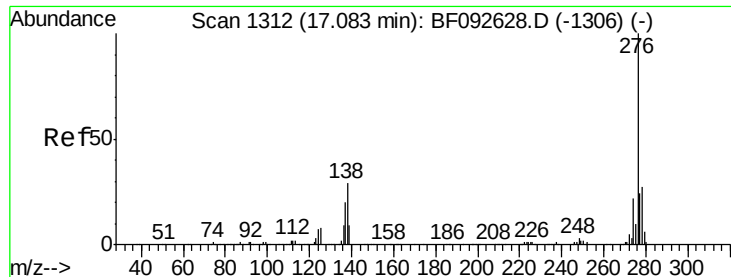


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.44 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.03 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS

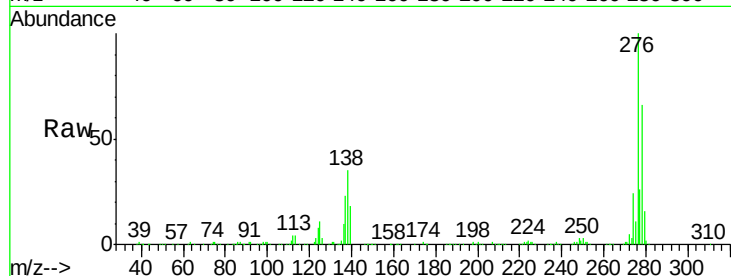
Tgt Ion:276 Resp: 750726

Ion Ratio Lower Upper

276 100

138 33.2 21.8 32.6#

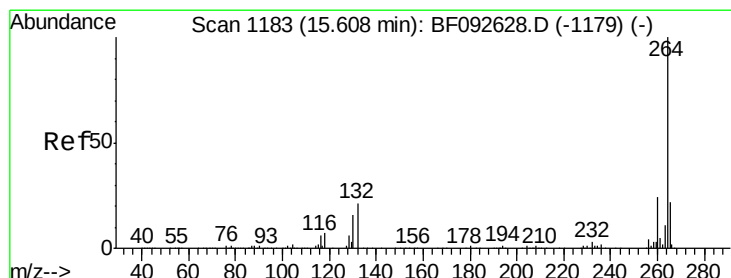
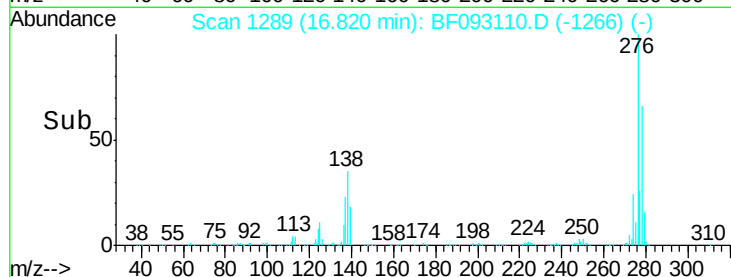
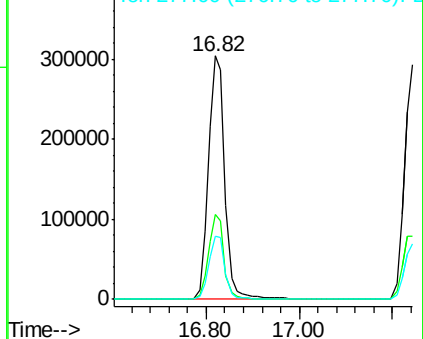
277 25.5 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

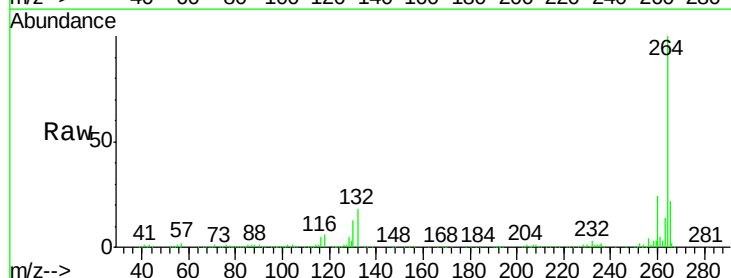
Tgt Ion:264 Resp: 366350

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

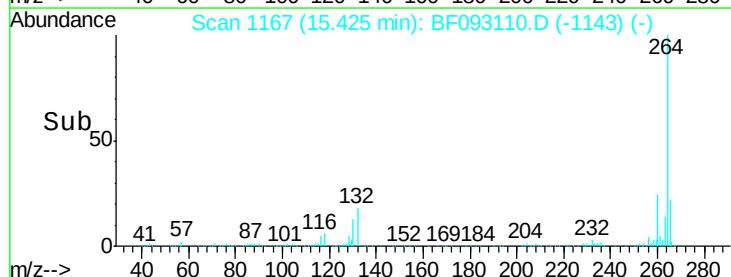
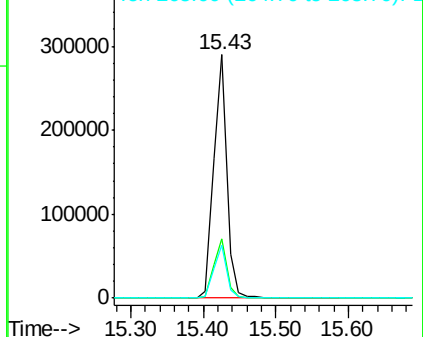
265 21.9 17.4 26.0

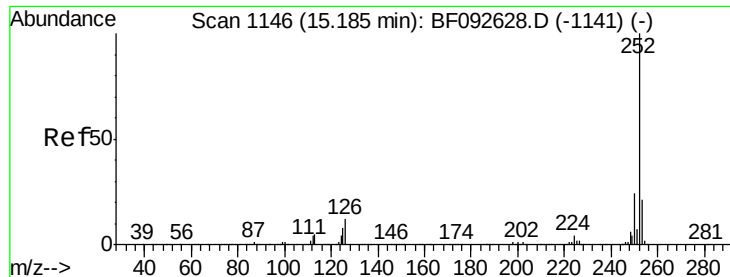


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

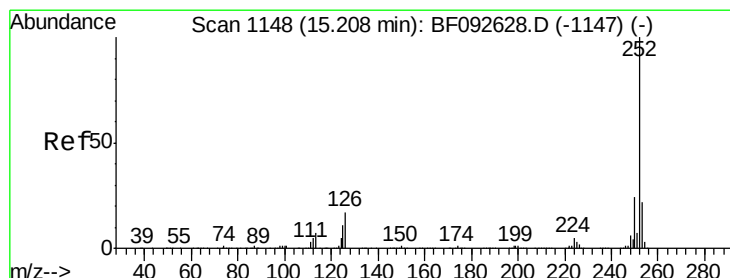
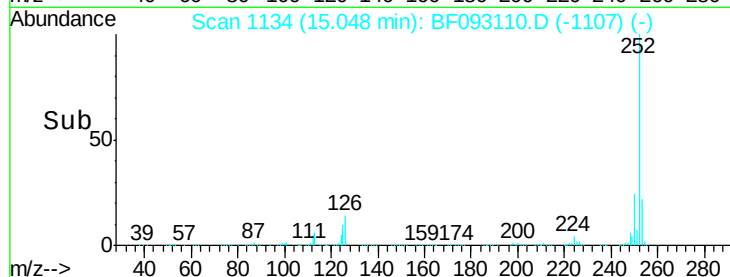
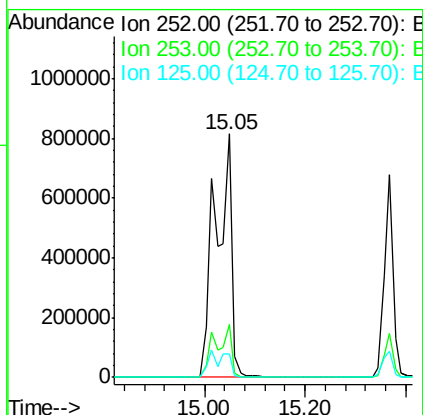
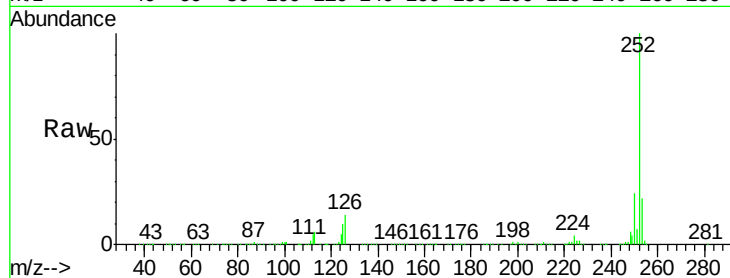




#87
Benzo(b)fluoranthene
Concen: 75.61 ng
RT: 15.05 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

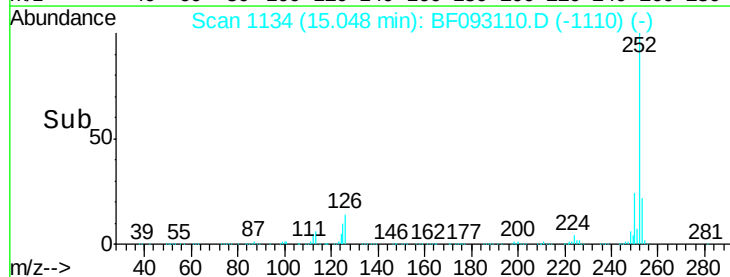
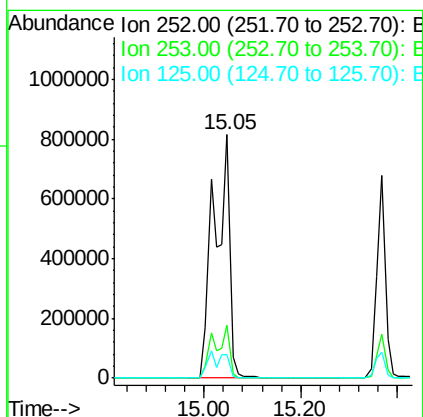
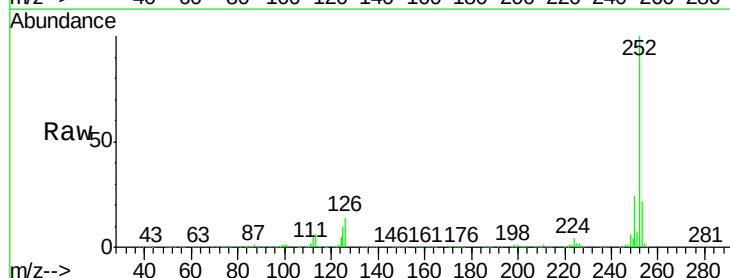
Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

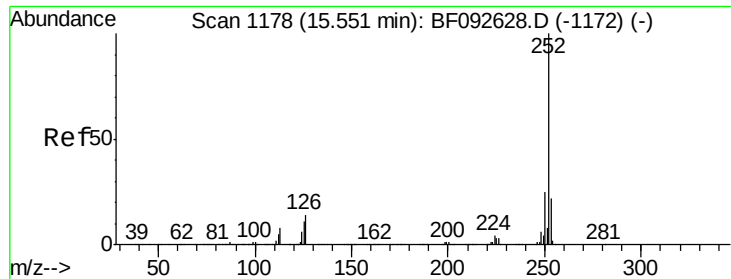
Tgt Ion:252 Resp: 1823168
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 9.7 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 87.58 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion:252 Resp: 1823395
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 9.7 8.9 13.3

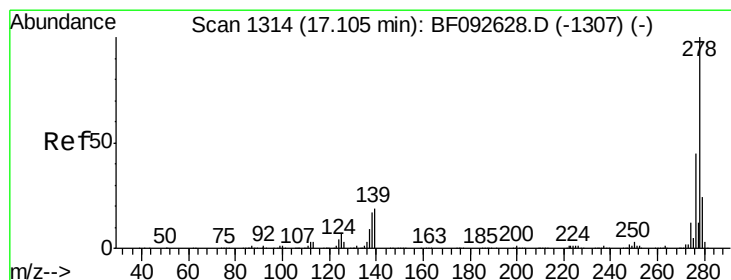
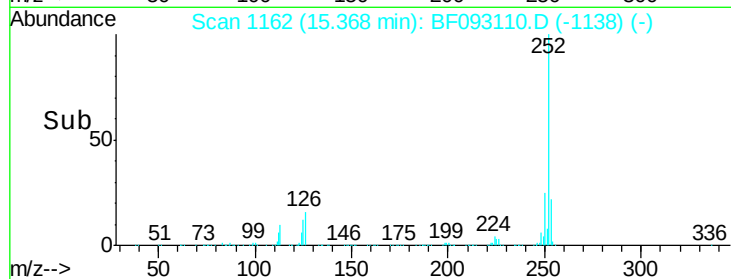
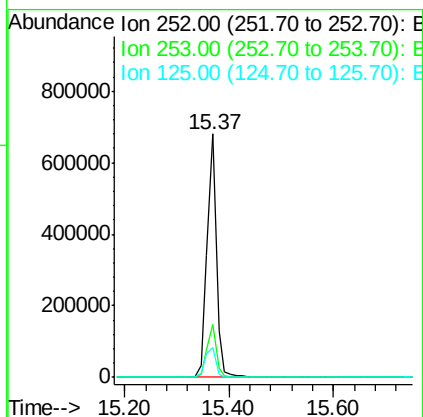
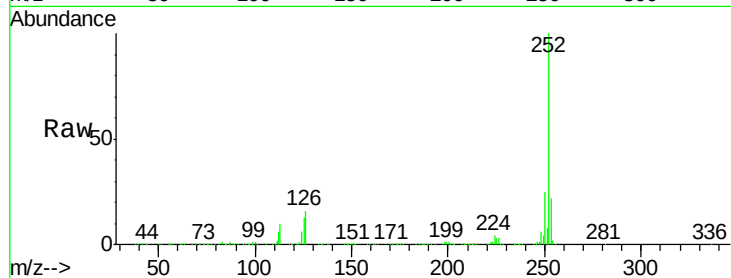




#89
Benzo(a)pyrene
Concen: 40.27 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

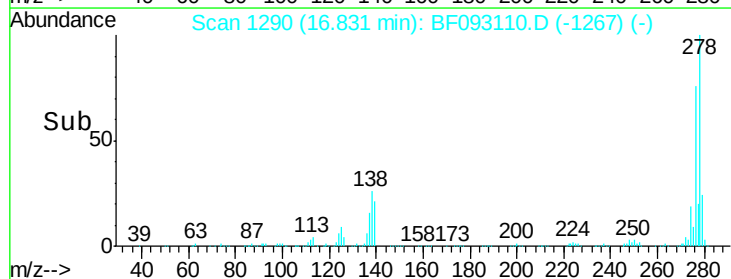
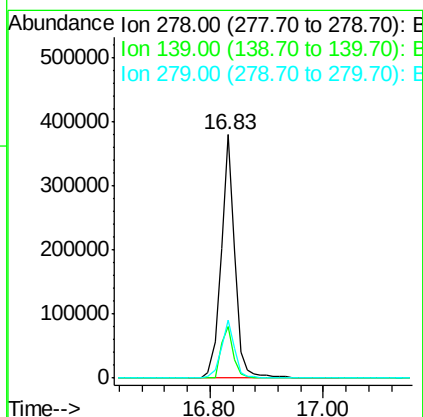
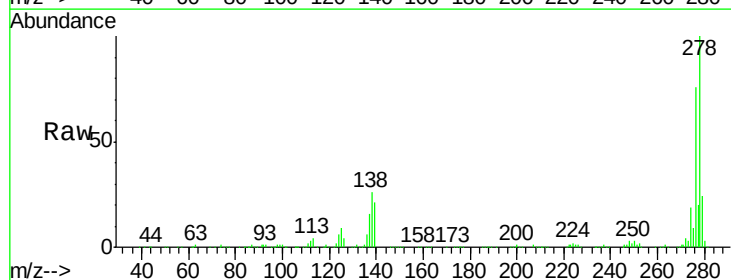
Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

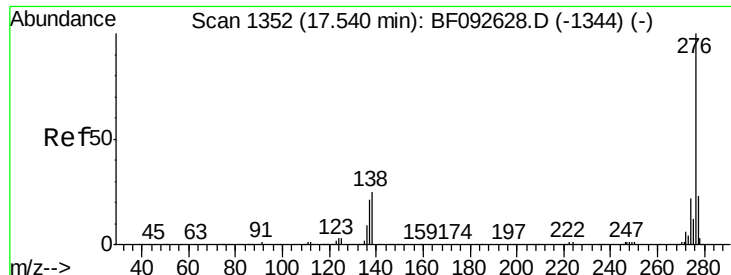
Tgt Ion:252 Resp: 839974
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 12.5 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 37.86 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion:278 Resp: 638296
Ion Ratio Lower Upper
278 100
139 21.2 14.8 22.2
279 23.9 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 36.65 ng

RT: 17.24 min Scan# 1326

Delta R.T. -0.05 min

Lab File: BF093110.D

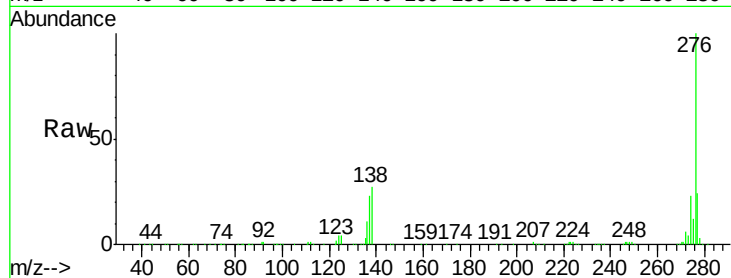
Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS



Tgt Ion:	276	Resp:	624135
Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	27.0	16.0	24.0

