

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087332.D
 Acq On : 24 May 2016 9:33
 Operator : UM/SJ
 Sample : H3168-08MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

Quant Time: May 24 18:48:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	136458	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	587906	20.00	ng	0.00
38) Acenaphthene-d10	12.48	164	272110	20.00	ng	0.00
63) Phenanthrene-d10	14.88	188	492905	20.00	ng	0.00
75) Chrysene-d12	18.56	240	336672	20.00	ng	0.00
86) Perylene-d12	20.23	264	263289	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	1053411	135.65	ng	0.02
7) Phenol-d6	7.16	99	1410287	134.40	ng	0.00
23) Nitrobenzene-d5	8.54	82	971337	83.27	ng	0.00
41) 2,4,6-Tribromophenol	13.78	330	318046	121.63	ng	0.00
44) 2-Fluorobiphenyl	11.43	172	1509990	78.23	ng	0.00
78) Terphenyl-d14	17.21	244	1251919	79.06	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.02	88	120914	29.51	ng	# 63
3) Pyridine	2.63	79	309072	34.50	ng	# 62
4) n-Nitrosodimethylamine	2.59	42	263532	38.18	ng	# 46
6) Aniline	7.13	93	195775	14.42	ng	91
8) 2-Chlorophenol	7.30	128	388255	40.09	ng	96
9) Benzaldehyde	6.94	77	93315	16.11	ng	97
10) Phenol	7.19	94	502735	43.87	ng	86
11) bis(2-Chloroethyl)ether	7.26	93	359378	38.75	ng	88
12) 1,3-Dichlorobenzene	7.64	146	400592	37.92	ng	97
13) 1,4-Dichlorobenzene	7.64	146	402788	37.14	ng	97
14) 1,2-Dichlorobenzene	7.87	146	378646	37.75	ng	100
15) Benzyl Alcohol	7.91	79	345174	45.12	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.11	45	781678	37.46	ng	97
17) 2-Methylphenol	8.12	107	316742	40.81	ng	# 88
18) Hexachloroethane	8.39	117	150426	37.18	ng	96
19) n-Nitroso-di-n-propylamine	8.33	70	319338	40.81	ng	# 70
20) 3+4-Methylphenols	8.39	107	409559	43.65	ng	# 60
22) Acetophenone	8.30	105	562798	40.07	ng	# 98
24) Nitrobenzene	8.56	77	456189	37.05	ng	99
25) Isophorone	8.95	82	794404	37.97	ng	97
26) 2-Nitrophenol	9.06	139	197894	39.32	ng	# 75
27) 2,4-Dimethylphenol	9.20	122	325614	37.27	ng	# 86
28) bis(2-Chloroethoxy)methane	9.32	93	483446	41.03	ng	98
29) 2,4-Dichlorophenol	9.48	162	316363	40.18	ng	97
30) 1,2,4-Trichlorobenzene	9.56	180	337743	37.47	ng	96
31) Naphthalene	9.68	128	1109351	37.66	ng	99
32) Benzoic acid	9.47	122	39940	13.62	ng	# 72
33) 4-Chloroaniline	9.86	127	83984	7.74	ng	# 92
34) Hexachlorobutadiene	9.88	225	195056	35.60	ng	96
35) Caprolactam	10.44	113	57355	24.96	ng	# 54
36) 4-Chloro-3-methylphenol	10.68	107	351631	39.50	ng	87
37) 2-Methylnaphthalene	10.96	142	674469	36.65	ng	94
39) 1,2,4,5-Tetrachlorobenzene	11.08	216	315637	36.24	ng	99
40) Hexachlorocyclopentadiene	11.05	237	228276	65.61	ng	97

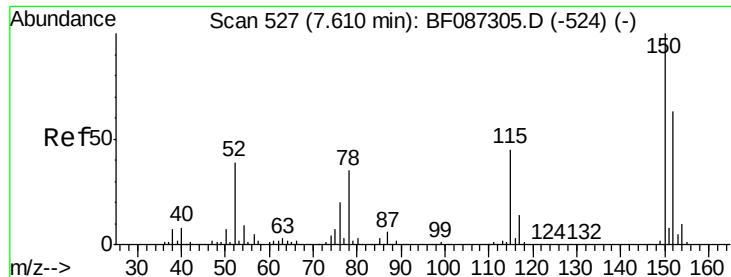
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	193824	38.55	ng	95
43) 2,4,5-Trichlorophenol	11.39	196	197299	38.53	ng	# 92
45) 1,1'-Biphenyl	11.58	154	872124	38.07	ng	98
46) 2-Chloronaphthalene	11.59	162	634724	36.21	ng	92
47) 2-Nitroaniline	11.80	65	246960	39.11	ng	# 77
48) Acenaphthylene	12.25	152	1033156	37.23	ng	99
49) Dimethylphthalate	12.12	163	951211	43.64	ng	100
50) 2,6-Dinitrotoluene	12.22	165	171750	39.10	ng	# 76
51) Acenaphthene	12.54	154	633251	37.13	ng	98
52) 3-Nitroaniline	12.49	138	88754	19.69	ng	# 89
53) 2,4-Dinitrophenol	12.68	184	104540	49.25	ng	# 81
54) Dibenzofuran	12.82	168	928598	40.21	ng	98
55) 4-Nitrophenol	12.87	139	163901	76.22	ng	# 65
56) 2,4-Dinitrotoluene	12.88	165	222536	37.91	ng	# 91
57) Fluorene	13.37	166	725241	36.22	ng	100
58) 2,3,4,6-Tetrachlorophenol	13.05	232	167186	42.45	ng	98
59) Diethylphthalate	13.28	149	781843	36.89	ng	98
60) 4-Chlorophenyl-phenylether	13.39	204	347327	35.57	ng	97
61) 4-Nitroaniline	13.50	138	137463	32.67	ng	# 72
62) Azobenzene	13.66	77	908697	41.33	ng	87
64) 4,6-Dinitro-2-methylphenol	13.54	198	111300	35.51	ng	# 45
65) n-Nitrosodiphenylamine	13.61	169	606872	38.07	ng	99
66) 4-Bromophenyl-phenylether	14.18	248	197352	36.60	ng	99
67) Hexachlorobenzene	14.25	284	202105	35.84	ng	# 63
68) Atrazine	14.53	200	201618	39.68	ng	94
69) Pentachlorophenol	14.62	266	128149	73.64	ng	95
70) Phenanthrene	14.91	178	1026450	37.60	ng	100
71) Anthracene	15.01	178	1047710	37.99	ng	99
72) Carbazole	15.29	167	924401	39.30	ng	100
73) Di-n-butylphthalate	15.85	149	1151571	37.85	ng	# 98
74) Fluoranthene	16.66	202	978978	35.76	ng	97
76) Benzidine	16.90	184	256268	29.58	ng	95
77) Pyrene	16.97	202	1001194	41.31	ng	99
79) Butylbenzylphthalate	17.87	149	440966	41.03	ng	# 74
80) Benzo(a)anthracene	18.55	228	734988	38.38	ng	99
81) 3,3'-Dichlorobenzidine	18.53	252	155516	14.70	ng	99
82) Chrysene	18.59	228	717132	37.73	ng	99
83) Bis(2-ethylhexyl)phthalate	18.62	149	747140	47.64	ng	96
84) Di-n-octyl phthalate	19.38	149	964247	40.32	ng	# 85
85) Indeno(1,2,3-cd)pyrene	21.49	276	603730	39.63	ng	95
87) Benzo(b)fluoranthene	19.82	252	1197254	71.39	ng	# 96
88) Benzo(k)fluoranthene	19.82	252	1198363	83.01	ng	99
89) Benzo(a)pyrene	20.17	252	571125	39.37	ng	98
90) Dibenzo(a,h)anthracene	21.50	278	511225	41.32	ng	# 94
91) Benzo(g,h,i)perylene	21.85	276	509161	41.71	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

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SB-22-COMPMSD

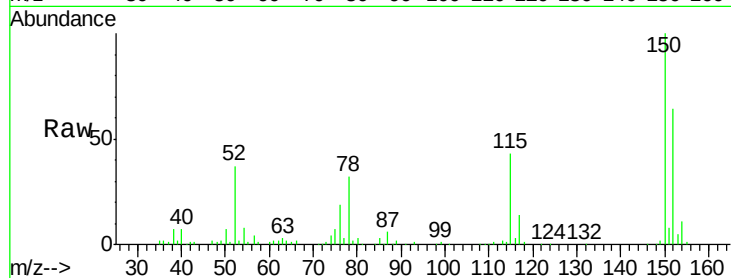
Tgt Ion:152 Resp: 136458

Ion Ratio Lower Upper

152 100

150 157.4 125.8 188.6

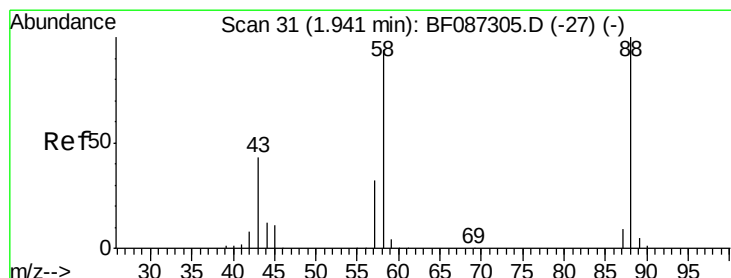
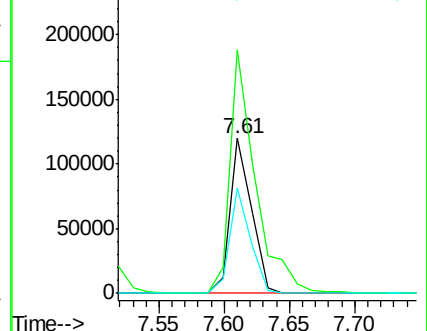
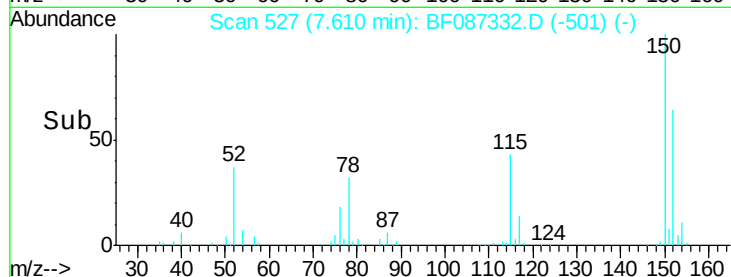
115 68.2 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.51 ng

RT: 2.02 min Scan# 38

Delta R.T. 0.08 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

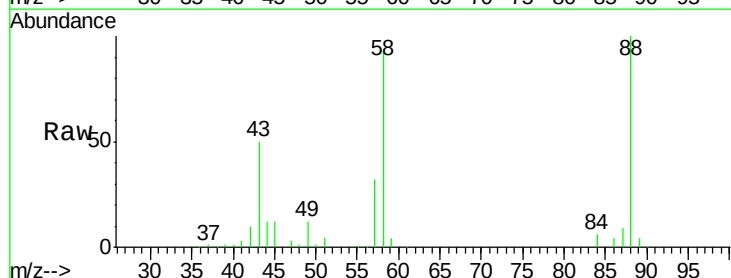
Tgt Ion: 88 Resp: 120914

Ion Ratio Lower Upper

88 100

58 98.5 59.6 89.4#

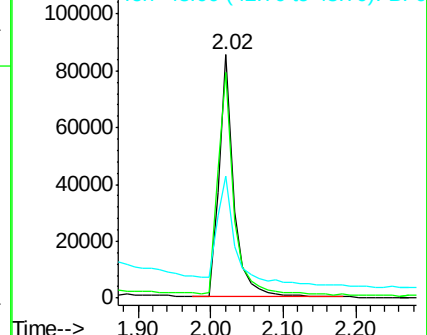
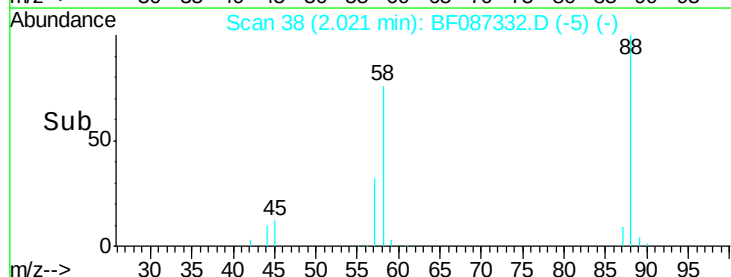
43 59.2 21.8 32.6#

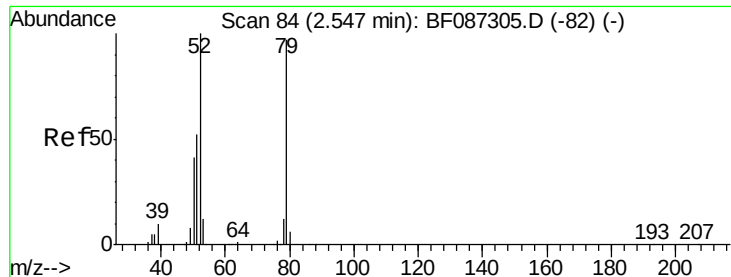


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.50 ng

RT: 2.63 min Scan# 91

Delta R.T. 0.08 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD

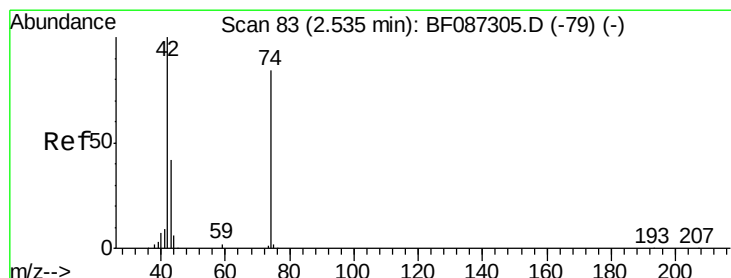
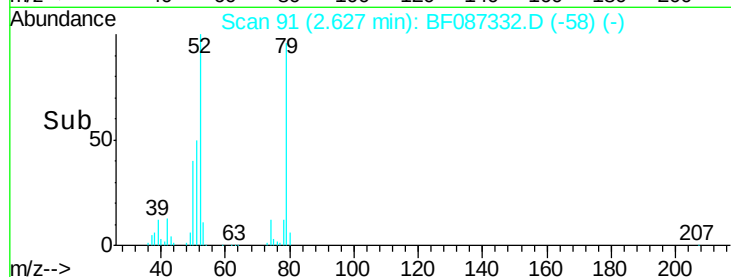
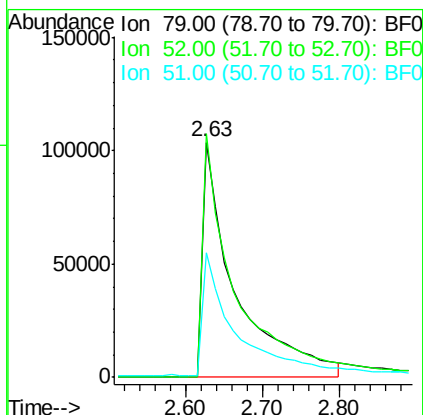
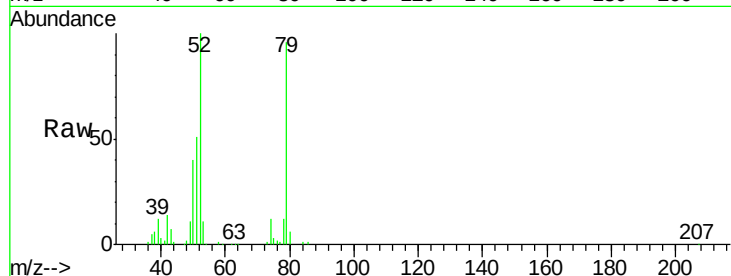
Tgt Ion: 79 Resp: 309072

Ion Ratio Lower Upper

79 100

52 103.7 55.9 83.9#

51 53.3 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 38.18 ng

RT: 2.59 min Scan# 88

Delta R.T. 0.06 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

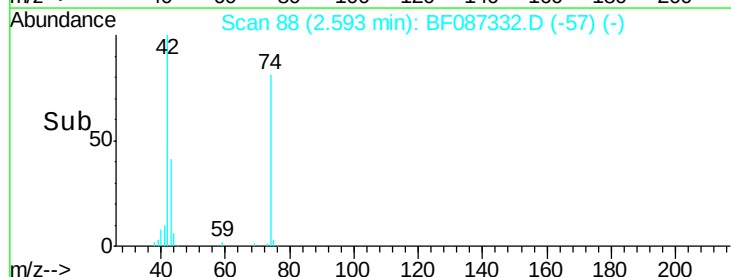
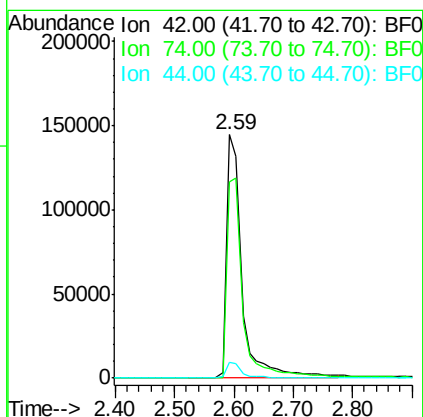
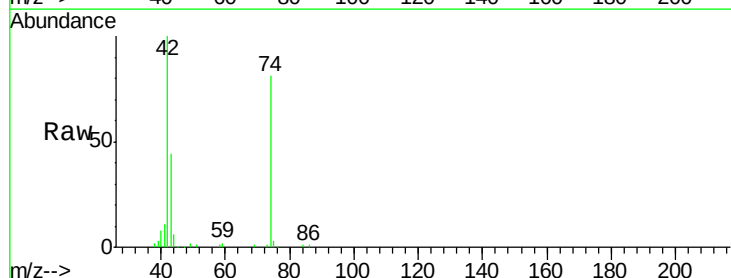
Tgt Ion: 42 Resp: 263532

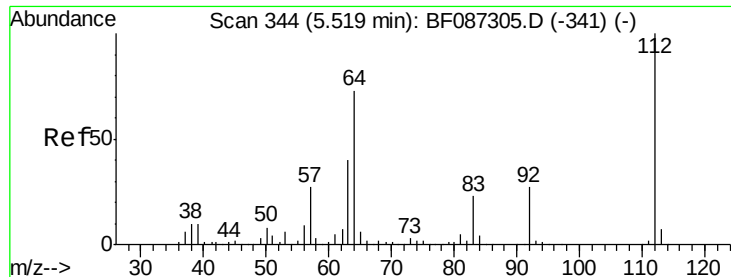
Ion Ratio Lower Upper

42 100

74 80.8 123.4 185.0#

44 6.3 5.8 8.6

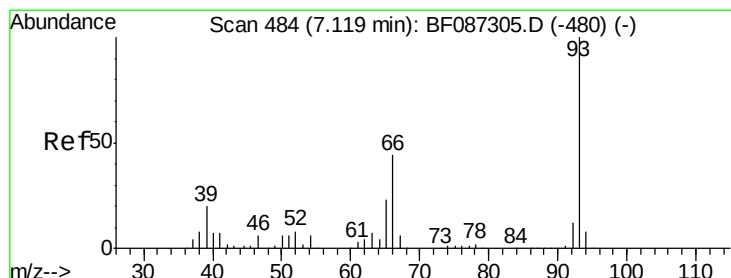
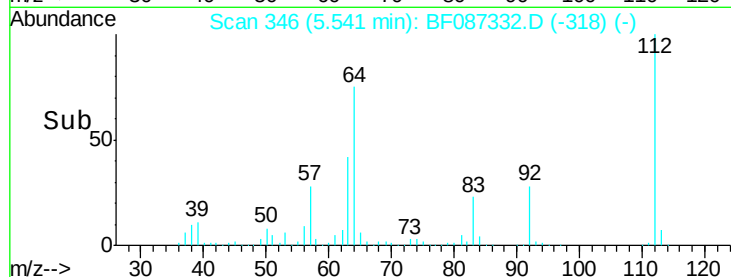
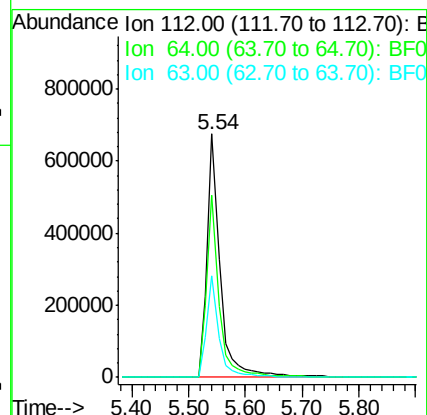
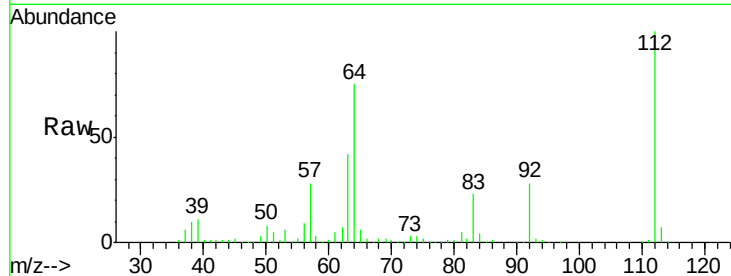




#5
 2-Fluorophenol
 Concen: 135.65 ng
 RT: 5.54 min Scan# 346
 Delta R.T. 0.02 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

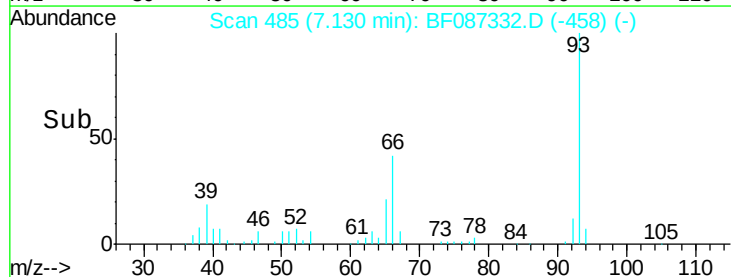
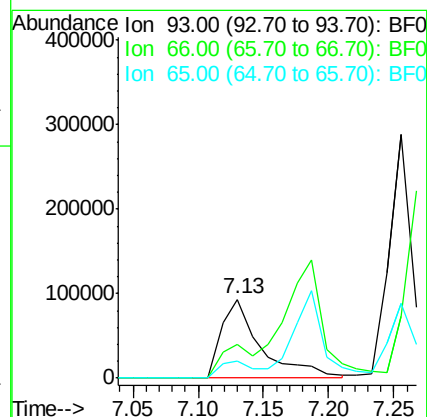
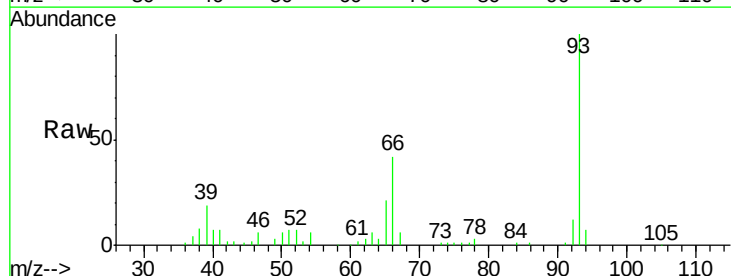
Instrument :
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 SB-22-COMPMSD

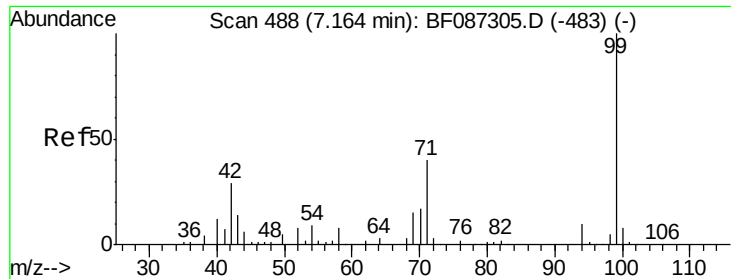
Tgt Ion: 112 Resp: 1053411
 Ion Ratio Lower Upper
 112 100
 64 74.9 52.1 78.1
 63 41.6 25.7 38.5#



#6
 Aniline
 Concen: 14.42 ng
 RT: 7.13 min Scan# 485
 Delta R.T. 0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion: 93 Resp: 195775
 Ion Ratio Lower Upper
 93 100
 66 42.3 39.0 58.6
 65 21.4 20.6 31.0





#7

Phenol-d6

Concen: 134.40 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD

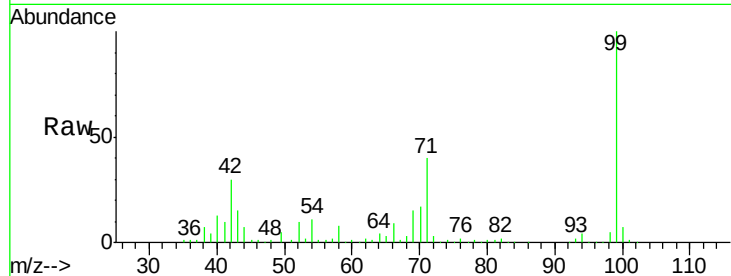
Tgt Ion: 99 Resp: 1410287

Ion Ratio Lower Upper

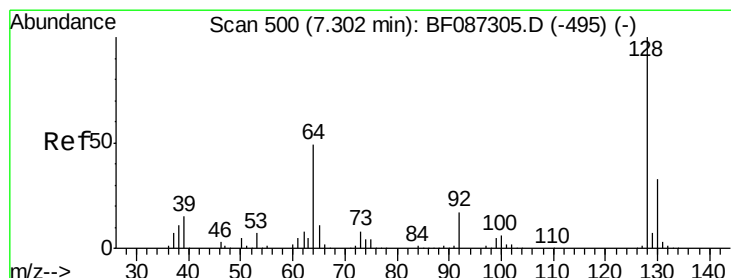
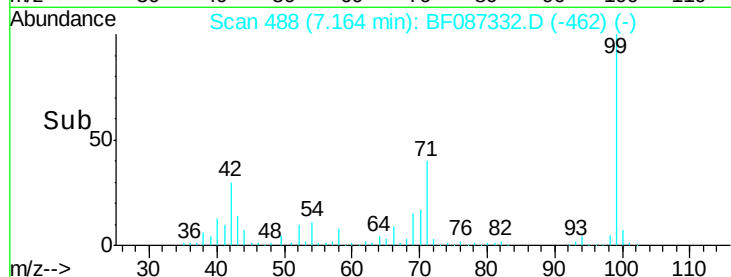
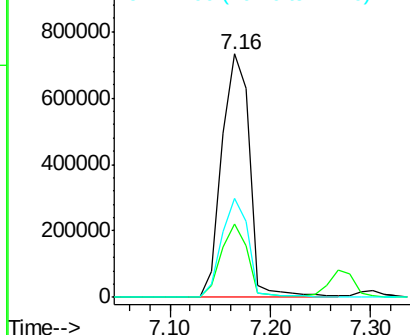
99 100

42 30.2 13.6 20.4#

71 40.4 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.09 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

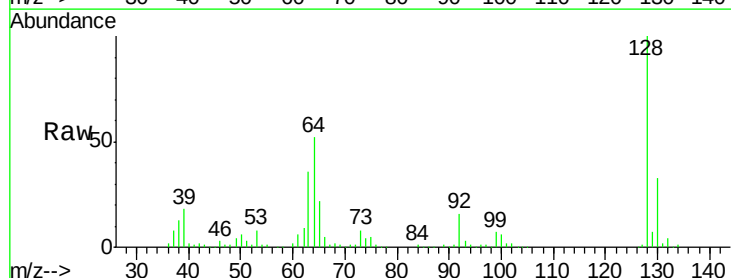
Tgt Ion: 128 Resp: 388255

Ion Ratio Lower Upper

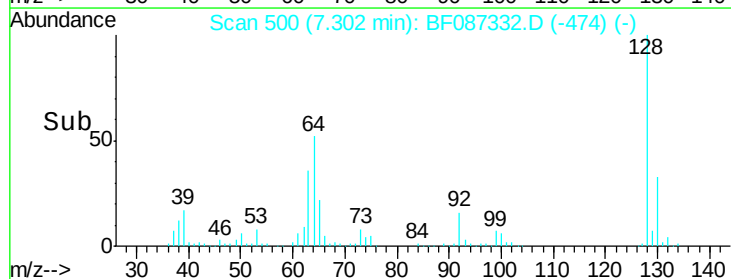
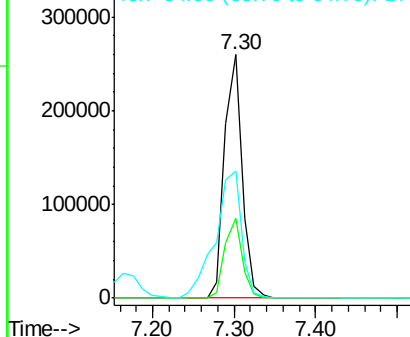
128 100

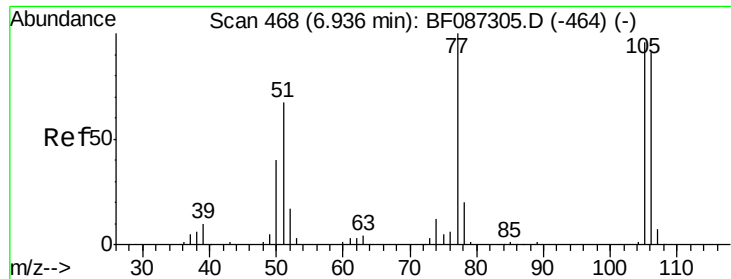
130 32.6 12.5 52.5

64 52.2 27.3 67.3



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: 16.11 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF087332.D

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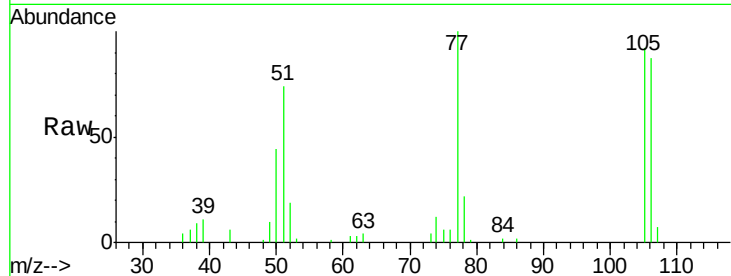
Tgt Ion: 77 Resp: 93315

Ion Ratio Lower Upper

77 100

105 91.7 72.7 112.7

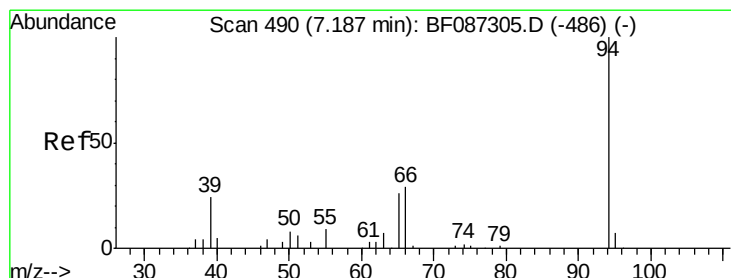
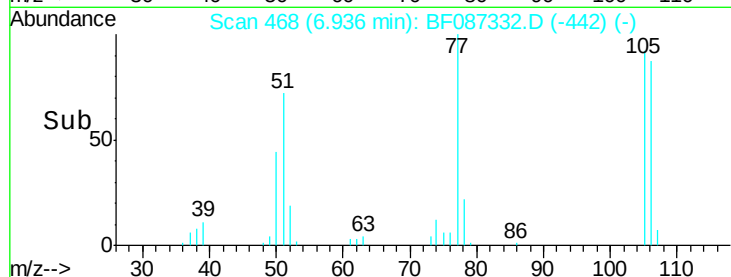
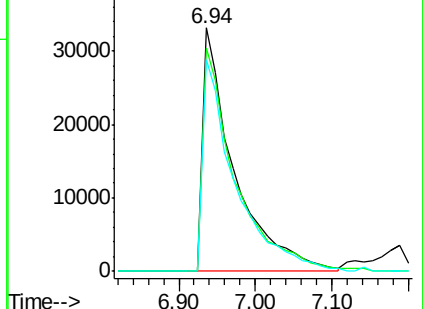
106 86.7 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 43.87 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

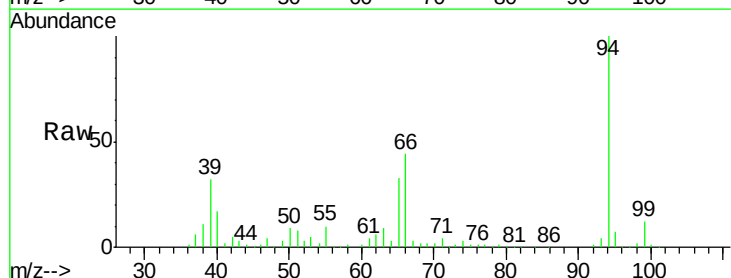
Tgt Ion: 94 Resp: 502735

Ion Ratio Lower Upper

94 100

65 32.5 7.2 47.2

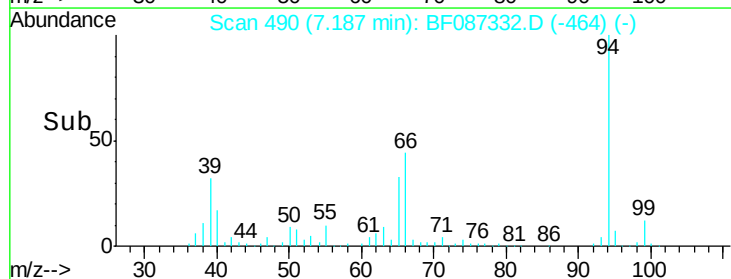
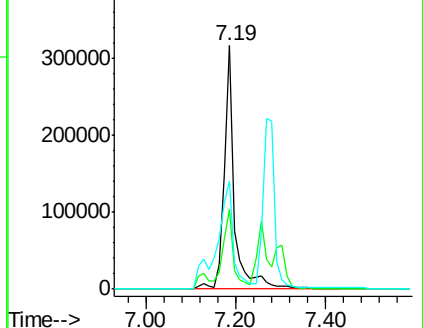
66 44.3 14.9 54.9

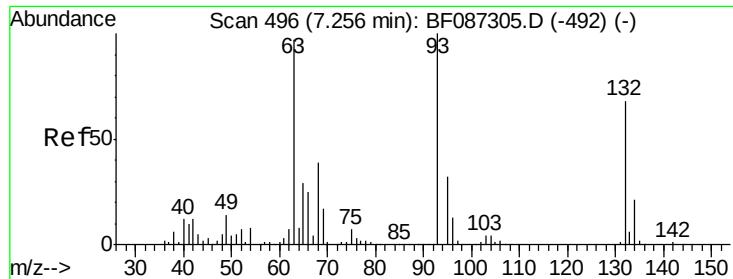


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

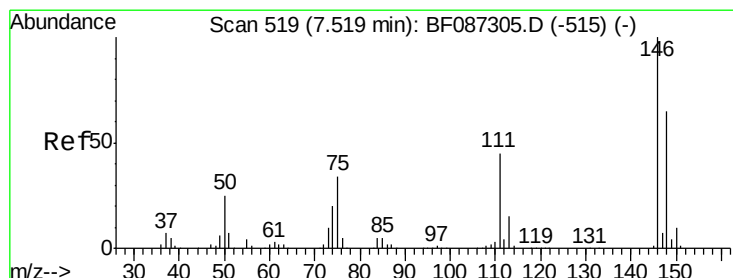
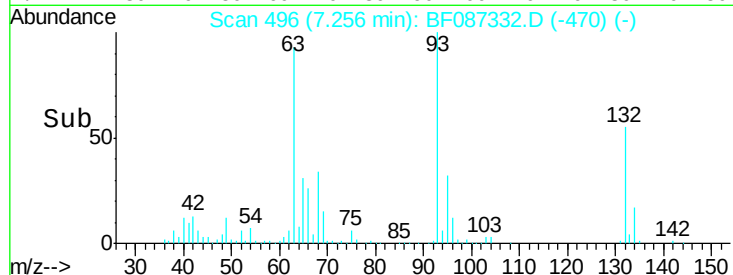
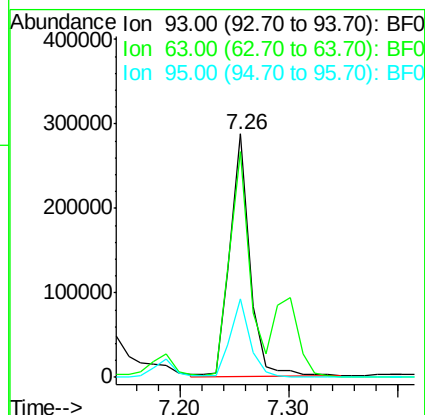
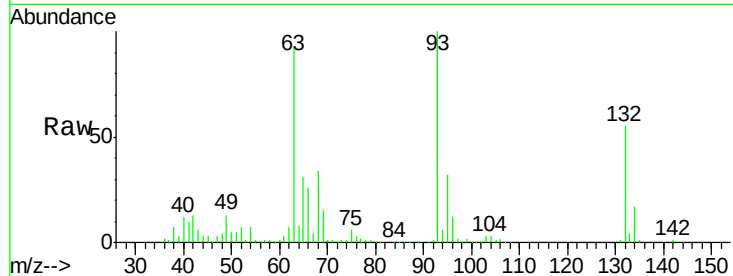




#11
 bis(2-Chloroethyl)ether
 Concen: 38.75 ng
 RT: 7.26 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

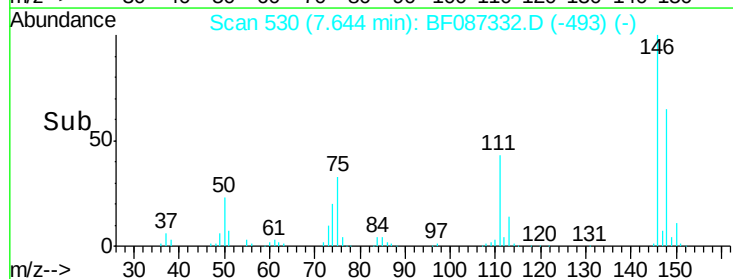
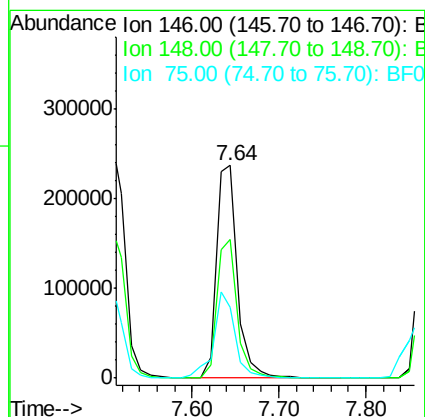
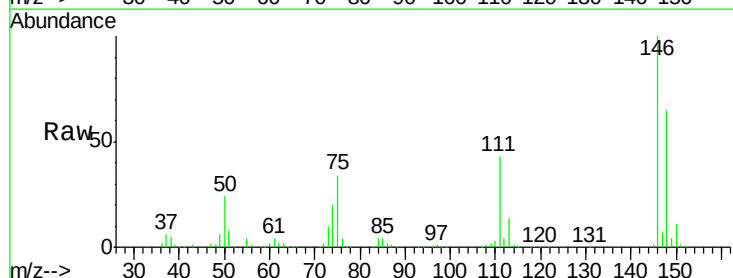
Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

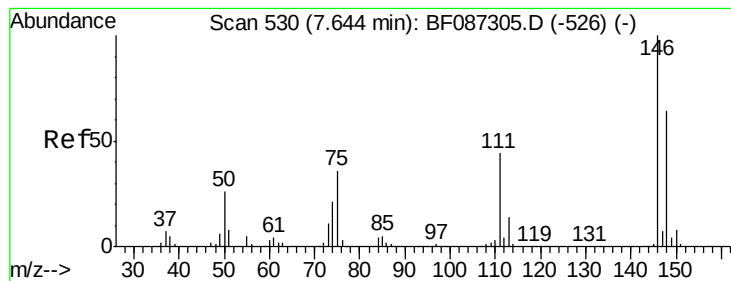
Tgt Ion: 93 Resp: 359378
 Ion Ratio Lower Upper
 93 100
 63 92.9 58.0 98.0
 95 32.4 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 37.92 ng
 RT: 7.64 min Scan# 530
 Delta R.T. 0.13 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion: 146 Resp: 400592
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.4 78.6
 75 33.6 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 37.14 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD

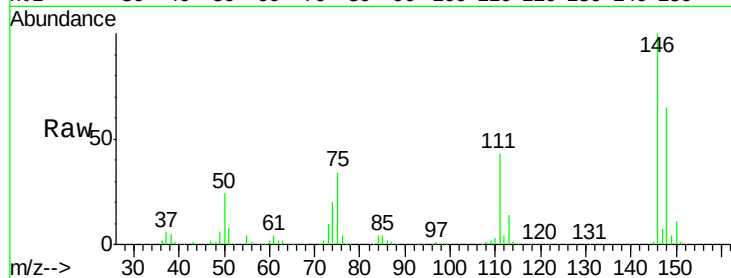
Tgt Ion:146 Resp: 402788

Ion Ratio Lower Upper

146 100

148 65.4 52.2 78.4

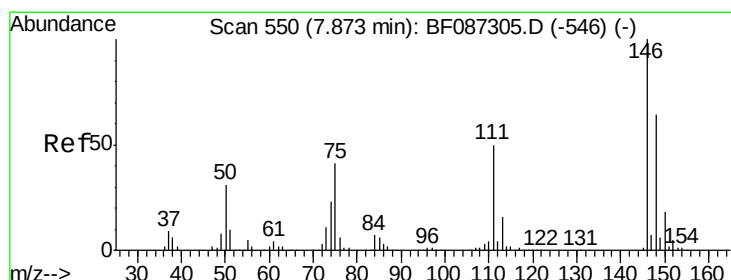
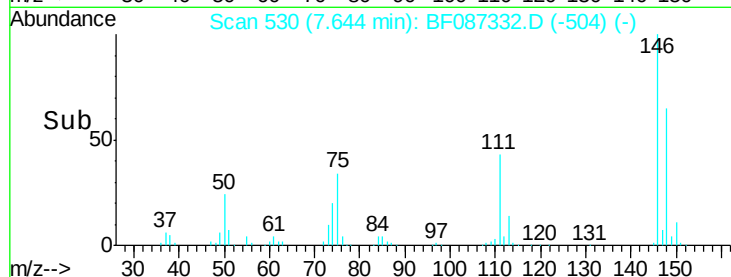
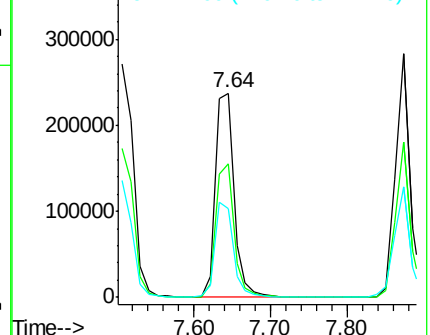
111 43.3 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.75 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

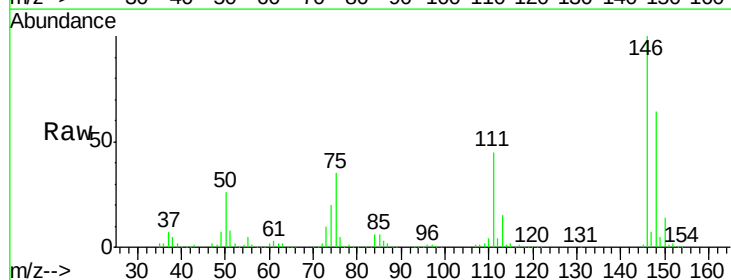
Tgt Ion:146 Resp: 378646

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

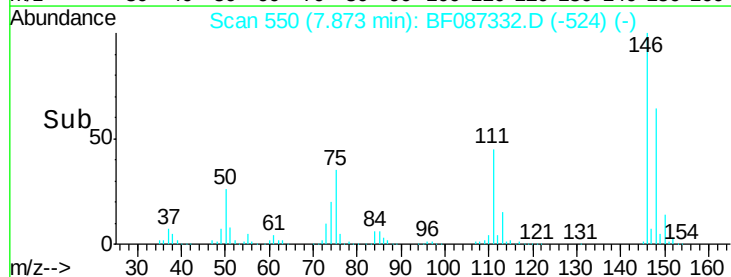
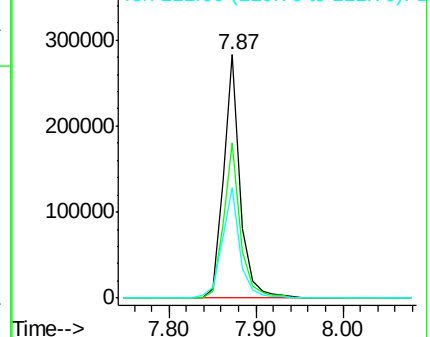
111 45.3 36.2 54.4

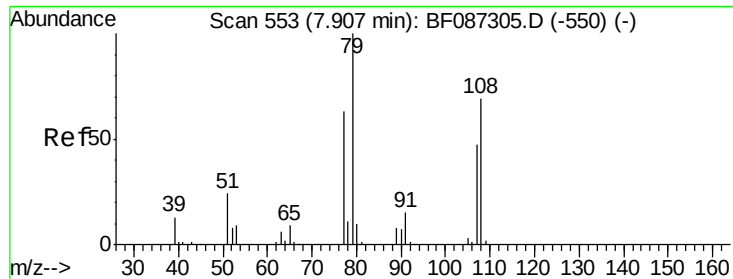


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.12 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD

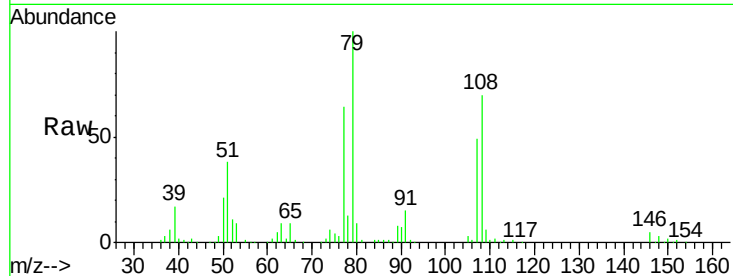
Tgt Ion: 79 Resp: 345174

Ion Ratio Lower Upper

79 100

108 69.7 68.4 102.6

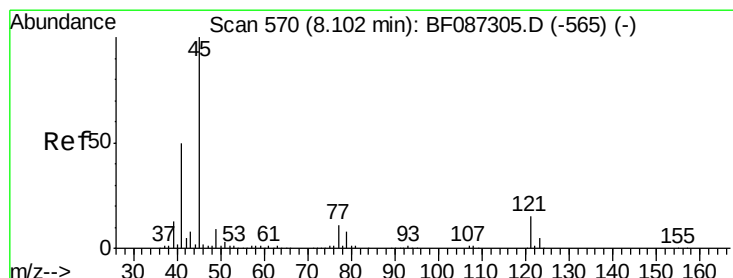
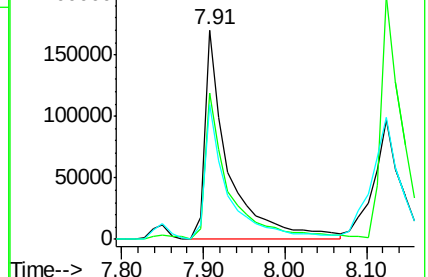
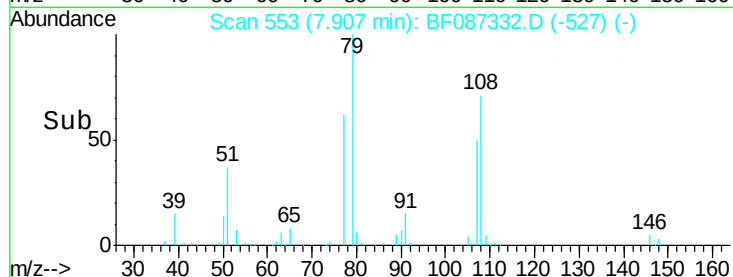
77 64.2 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.46 ng

RT: 8.11 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

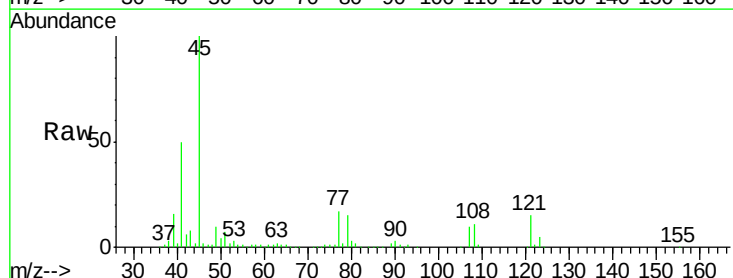
Tgt Ion: 45 Resp: 781678

Ion Ratio Lower Upper

45 100

77 17.4 0.0 36.4

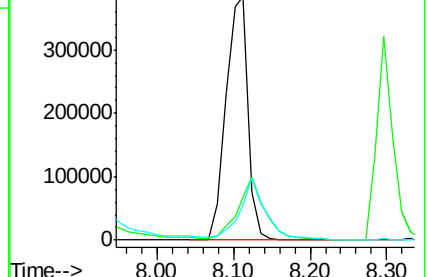
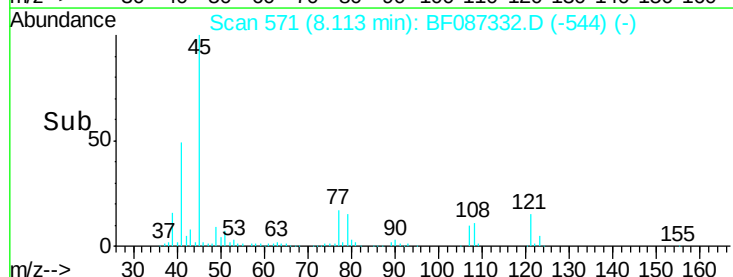
79 14.6 0.0 33.4

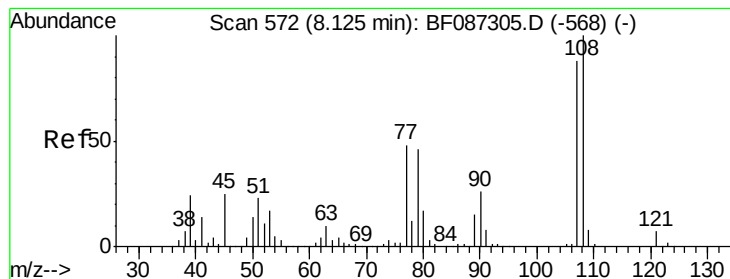


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.81 ng

RT: 8.12 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD

Tgt Ion:107 Resp: 316742

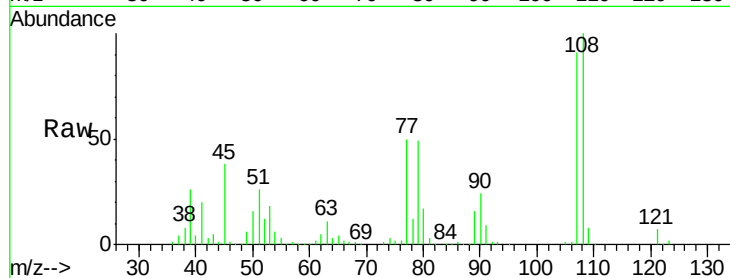
Ion Ratio Lower Upper

107 100

108 109.9 93.7 140.5

77 55.3 33.4 50.0#

79 53.8 34.3 51.5#

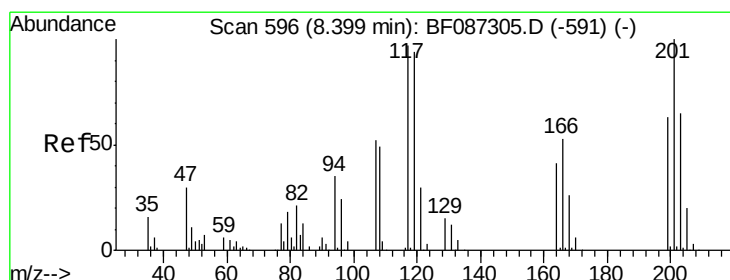
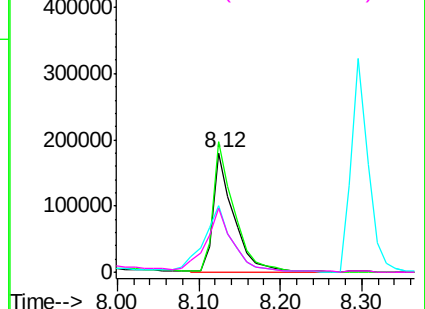
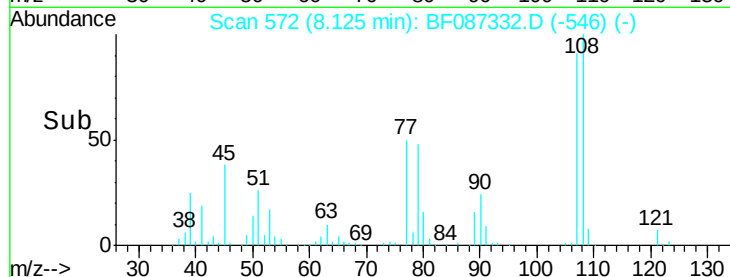


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.18 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

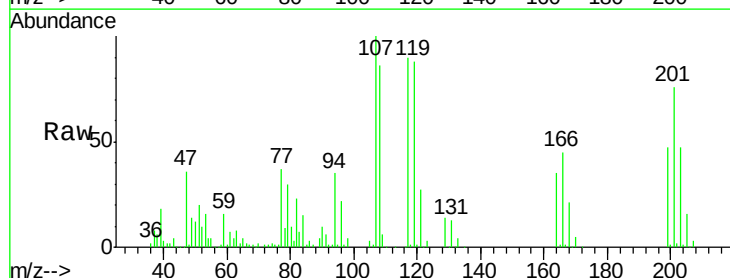
Tgt Ion:117 Resp: 150426

Ion Ratio Lower Upper

117 100

119 97.4 76.5 114.7

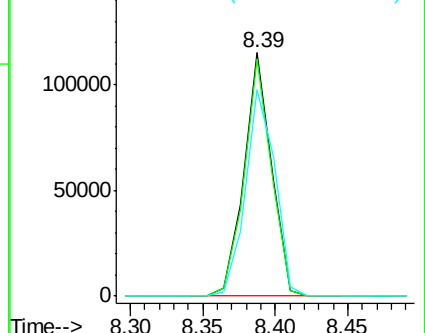
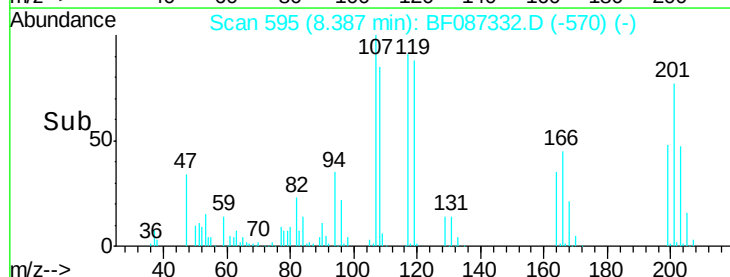
201 84.8 63.0 94.6

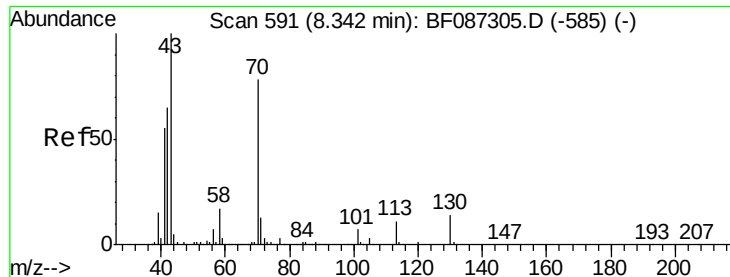


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

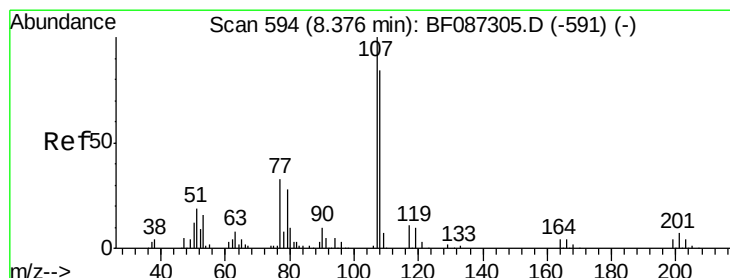
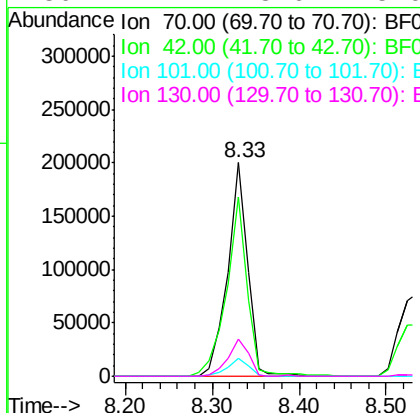
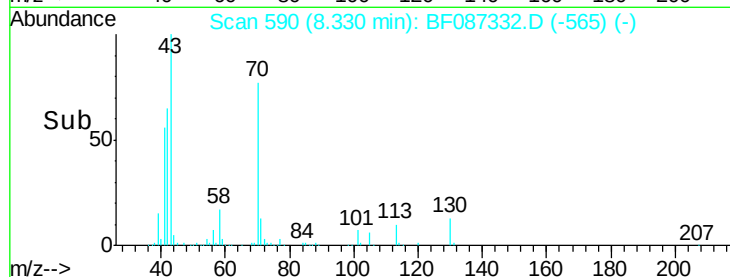
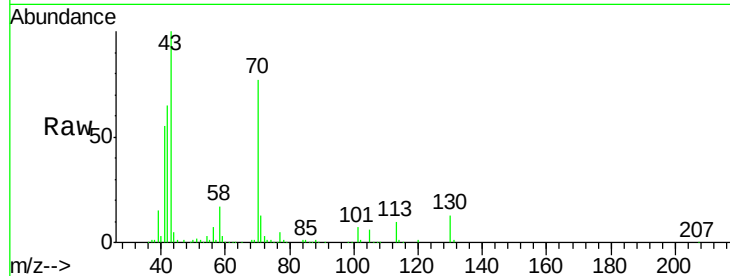




#19
n-Nitroso-di-n-propylamine
Concen: 40.81 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

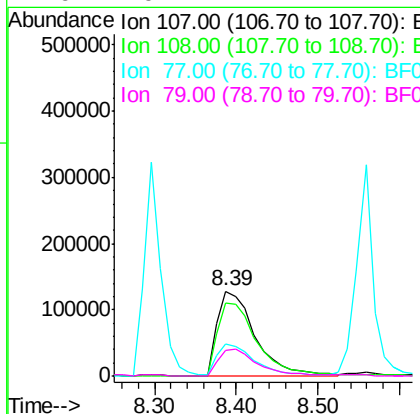
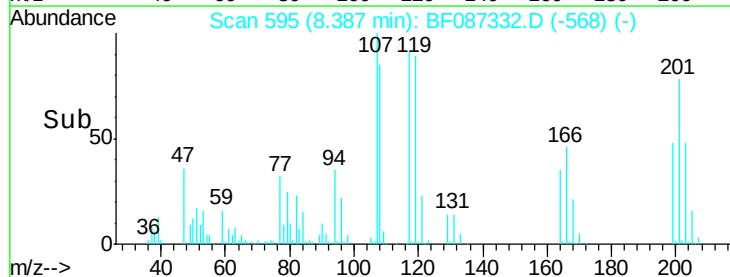
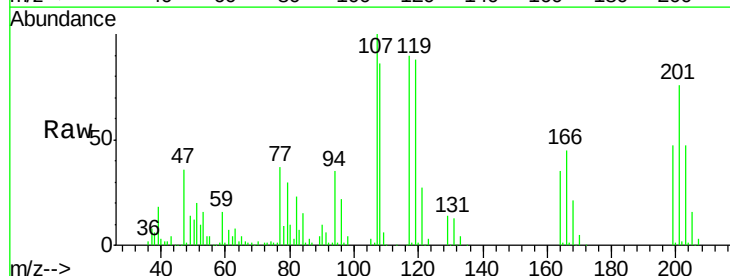
Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMSD

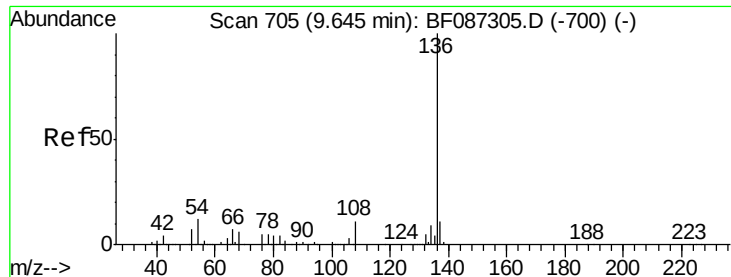
Tgt Ion	Ratio	Lower	Upper
70	100		
42	84.0	43.1	64.7#
101	8.5	8.1	12.1
130	17.1	18.6	28.0#



#20
3+4-Methylphenols
Concen: 43.65 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.7	68.5	108.5
77	37.1	101.6	141.6#
79	29.7	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD

Tgt Ion:136 Resp: 587906

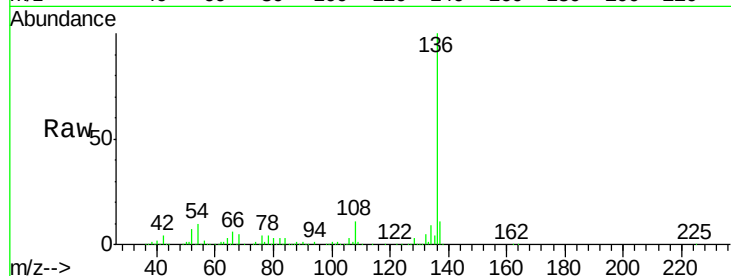
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 10.4 5.0 7.4#

68 5.4 4.4 6.6

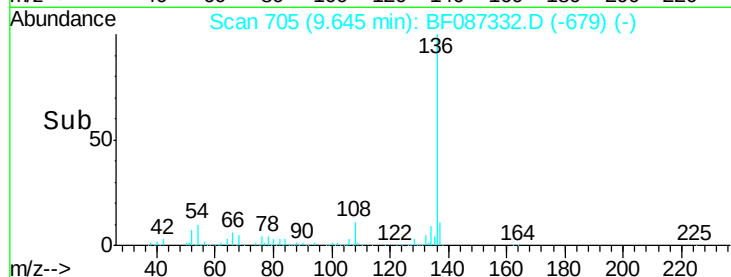


Abundance Ion 136.00 (135.70 to 136.70): E

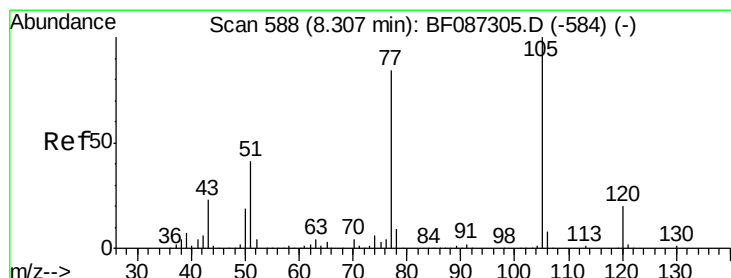
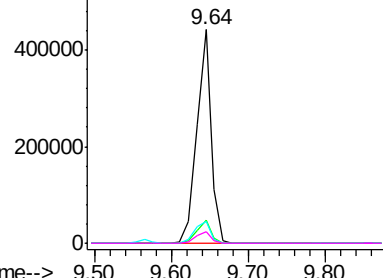
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.07 ng

RT: 8.30 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Tgt Ion:105 Resp: 562798

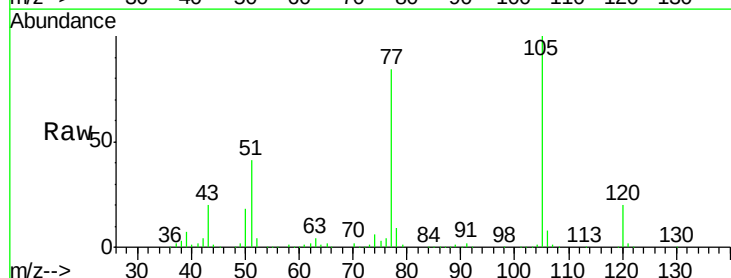
Ion Ratio Lower Upper

105 100

71 0.3 4.8 7.2#

51 41.4 32.6 49.0

120 20.2 16.5 24.7

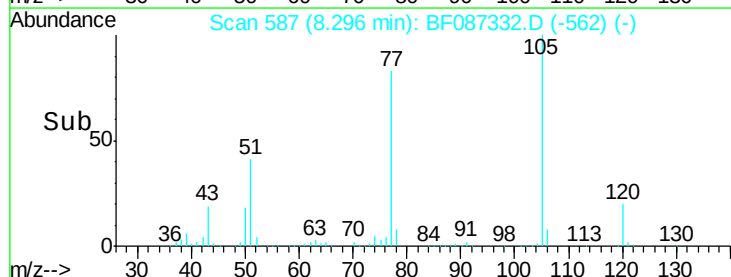


Abundance Ion 105.00 (104.70 to 105.70): E

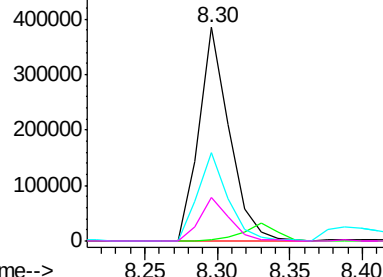
Ion 71.00 (70.70 to 71.70): BF0

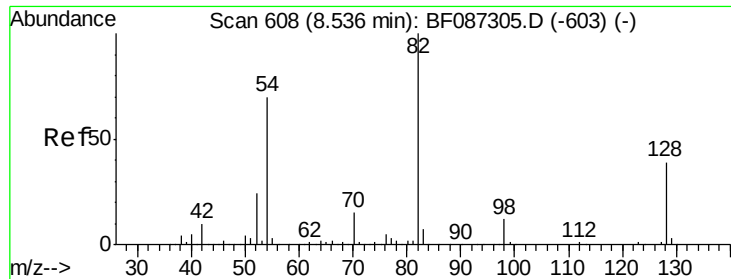
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

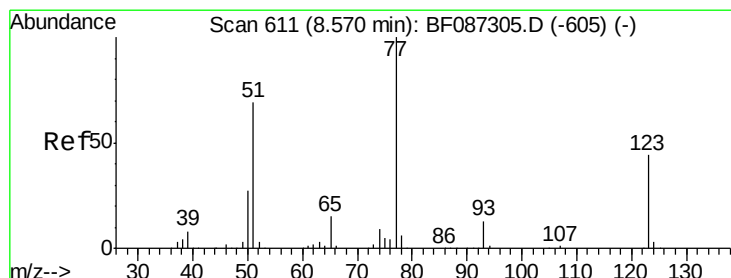
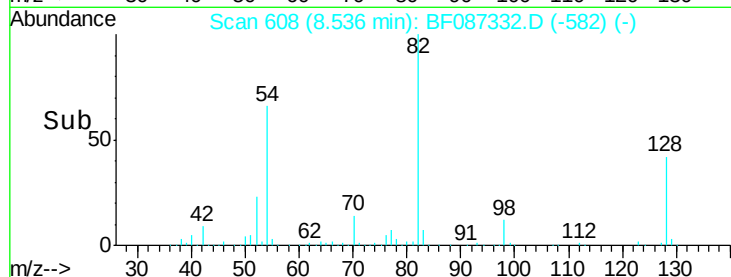
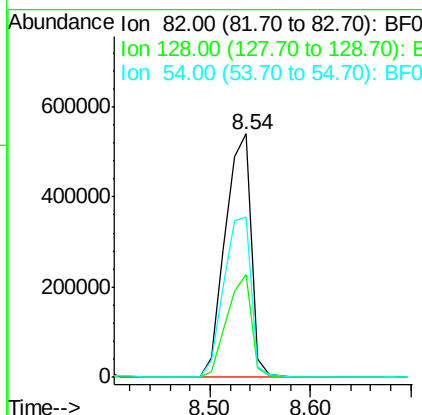
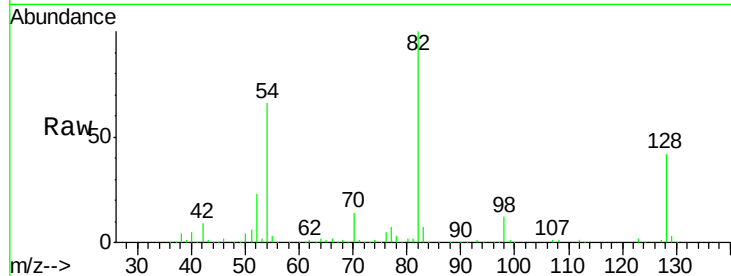




#23
 Nitrobenzene-d5
 Concen: 83.27 ng
 RT: 8.54 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

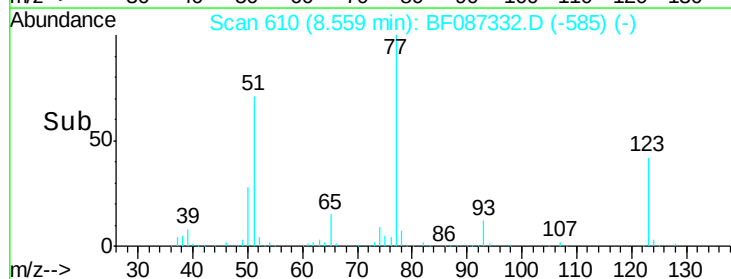
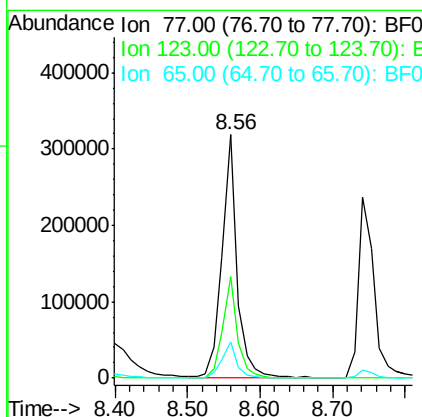
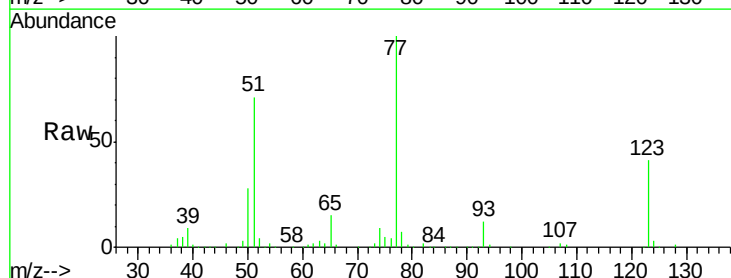
Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

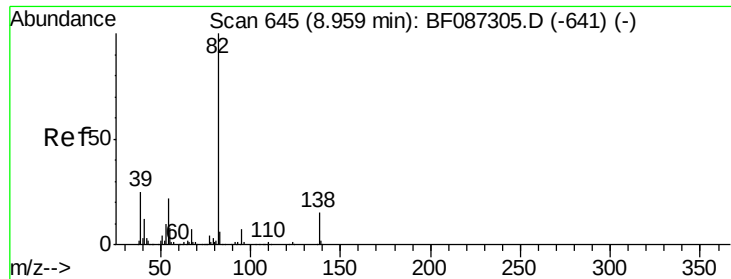
Tgt Ion: 82 Resp: 971337
 Ion Ratio Lower Upper
 82 100
 128 42.3 40.6 61.0
 54 66.0 38.1 57.1#



#24
 Nitrobenzene
 Concen: 37.05 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion: 77 Resp: 456189
 Ion Ratio Lower Upper
 77 100
 123 41.5 33.0 49.4
 65 15.0 10.8 16.2

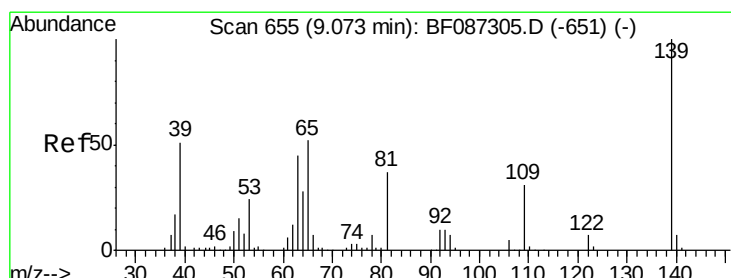
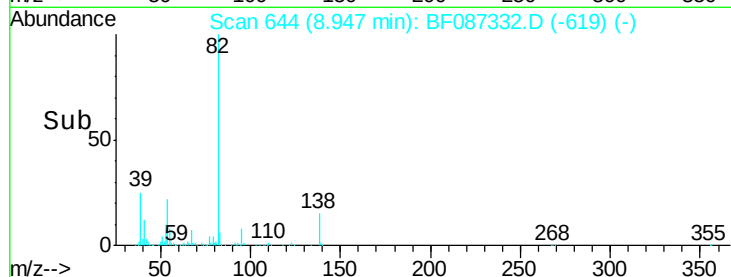
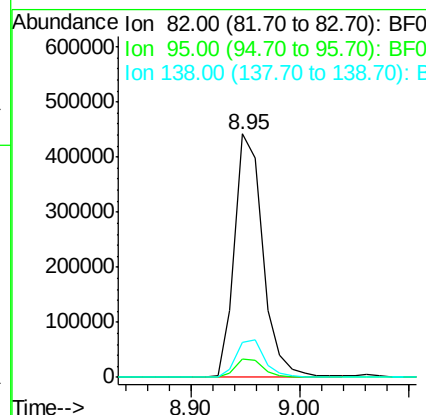
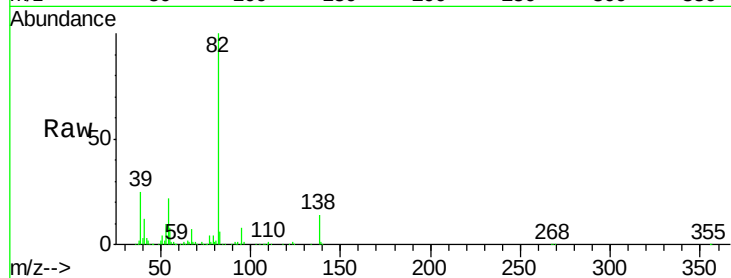




#25
Isophorone
Concen: 37.97 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

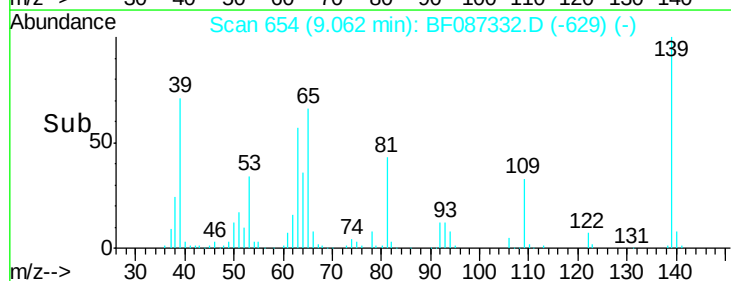
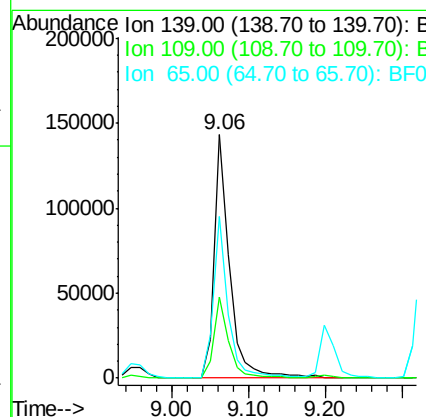
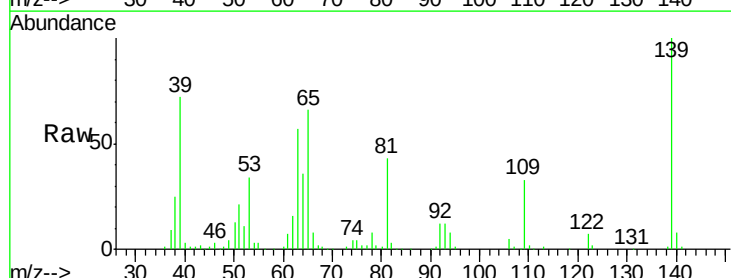
Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMSD

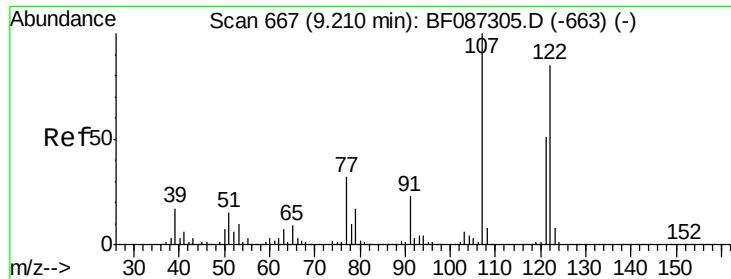
Tgt Ion: 82 Resp: 794404
Ion Ratio Lower Upper
82 100
95 7.5 5.1 7.7
138 14.5 12.4 18.6



#26
2-Nitrophenol
Concen: 39.32 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Tgt Ion: 139 Resp: 197894
Ion Ratio Lower Upper
139 100
109 33.5 19.5 29.3#
65 66.4 37.5 56.3#

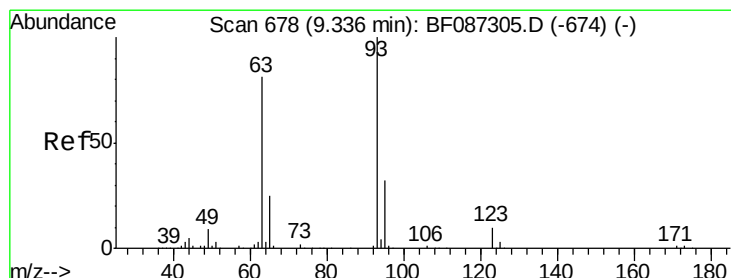
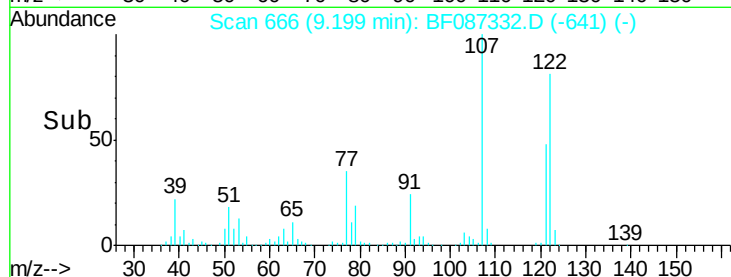
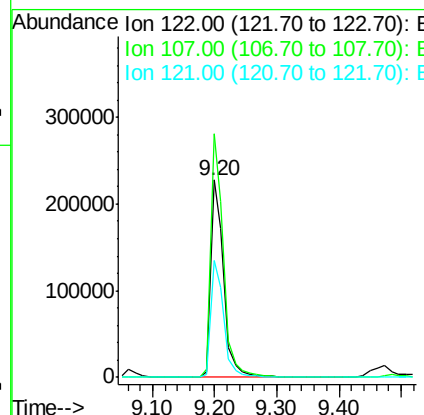
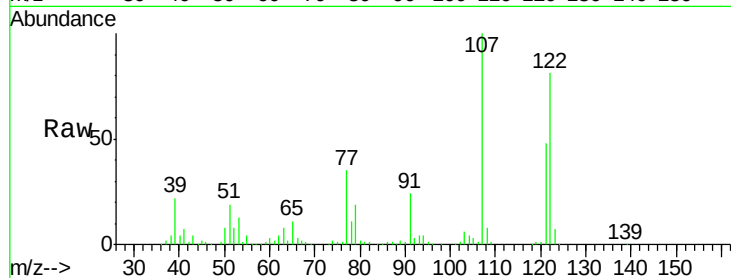




#27
 2,4-Dimethylphenol
 Concen: 37.27 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

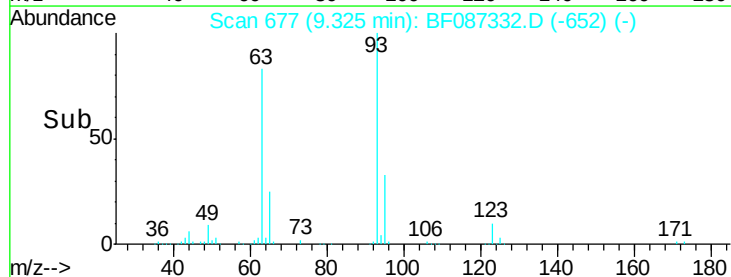
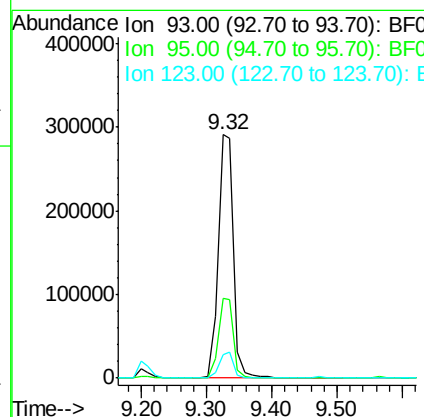
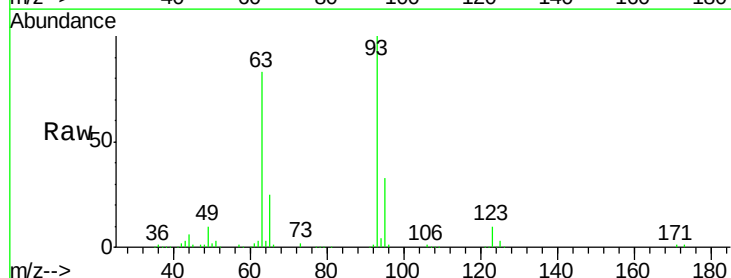
Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

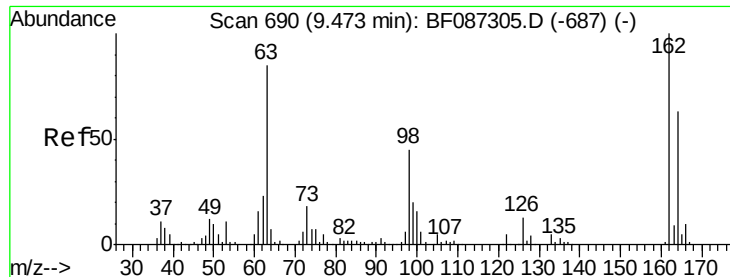
Tgt Ion:122 Resp: 325614
 Ion Ratio Lower Upper
 122 100
 107 123.5 82.0 123.0#
 121 59.4 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.03 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion: 93 Resp: 483446
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.0 39.0
 123 9.7 9.5 14.3

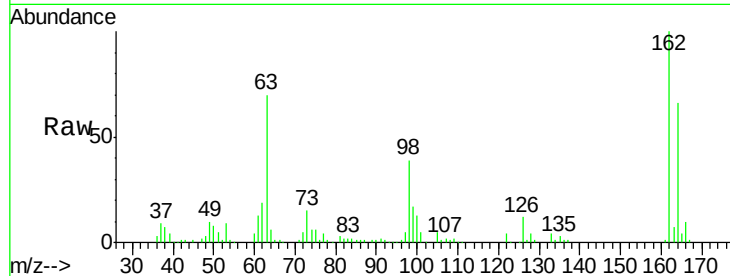




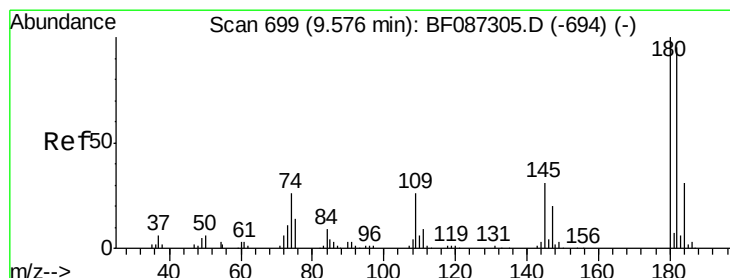
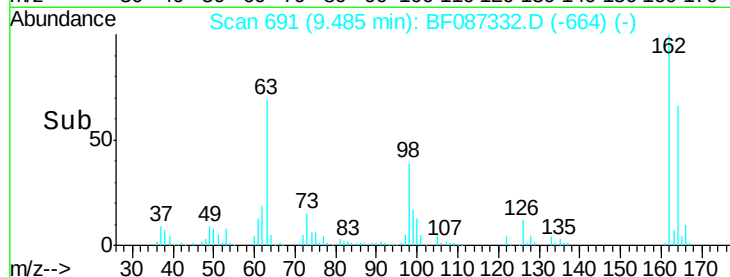
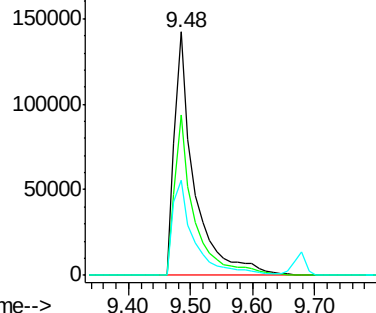
#29
 2,4-Dichlorophenol
 Concen: 40.18 ng
 RT: 9.48 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.7	42.2	82.2
98	39.1	19.0	59.0

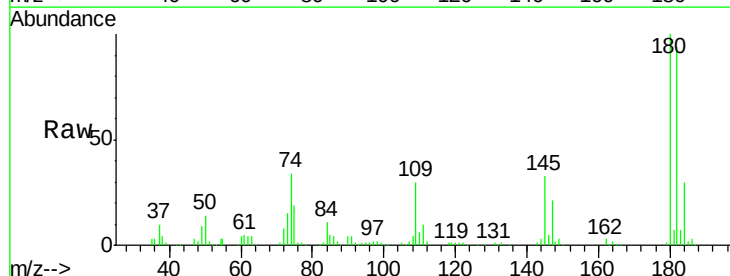


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

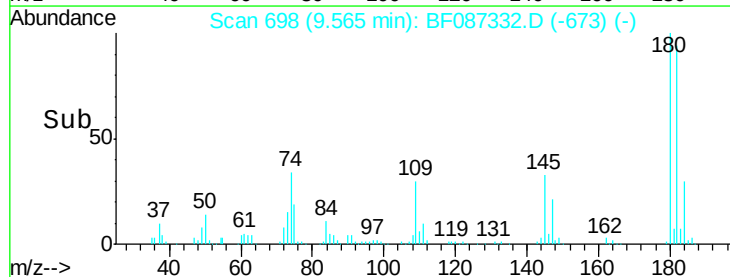
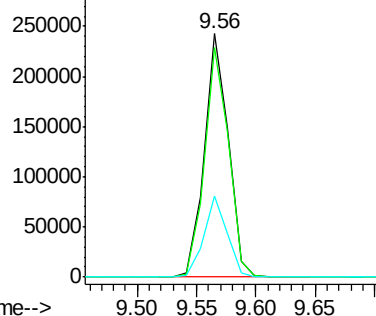


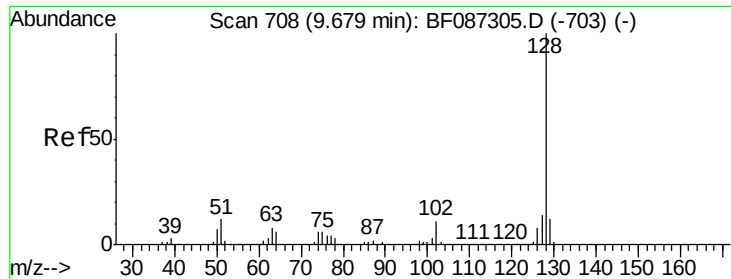
#30
 1,2,4-Trichlorobenzene
 Concen: 37.47 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	78.0	117.0
145	33.1	24.2	36.2



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

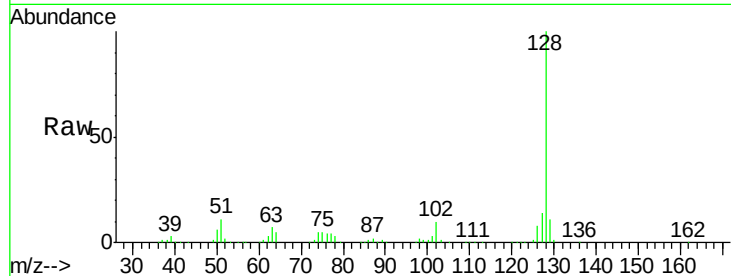




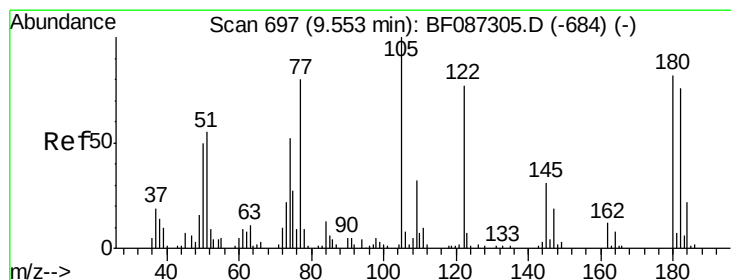
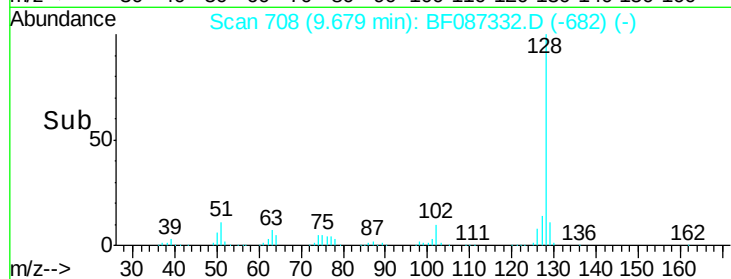
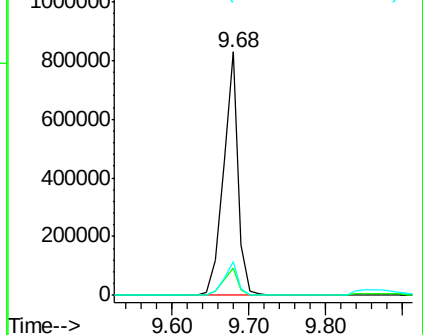
#31
Naphthalene
Concen: 37.66 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMSD

Tgt Ion:128 Resp: 1109351
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.7 10.8 16.2

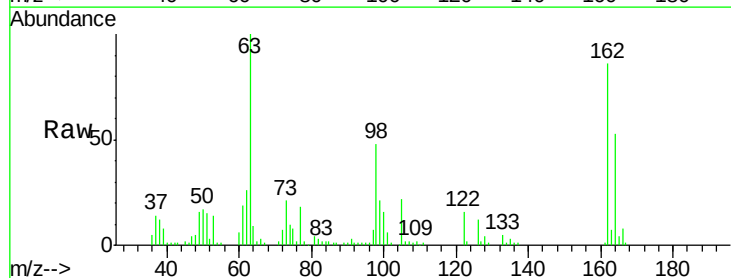


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

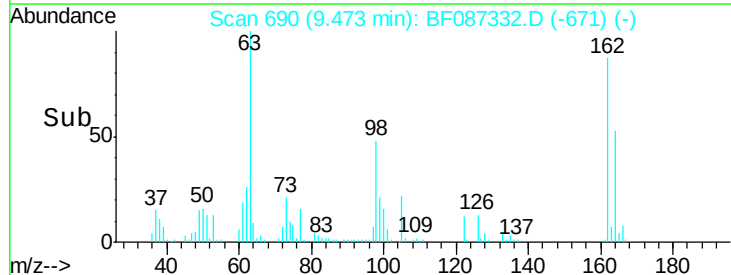
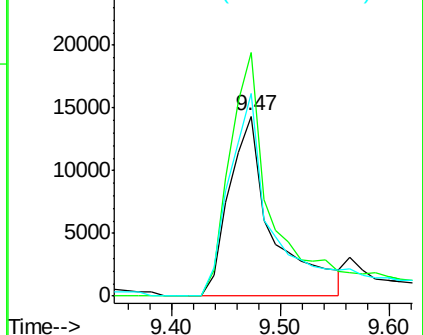


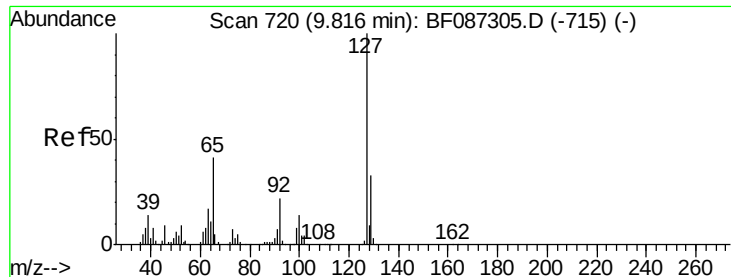
#32
Benzoic acid
Concen: 13.62 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.08 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Tgt Ion:122 Resp: 39940
Ion Ratio Lower Upper
122 100
105 135.6 92.6 132.6#
77 113.0 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

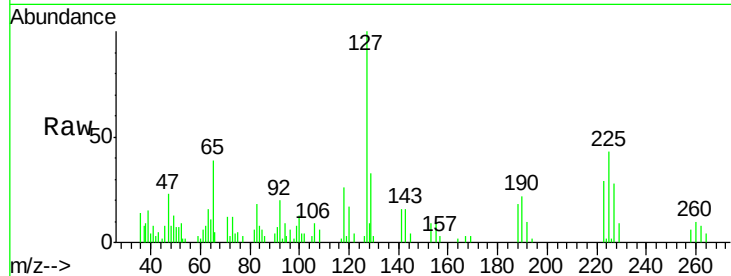




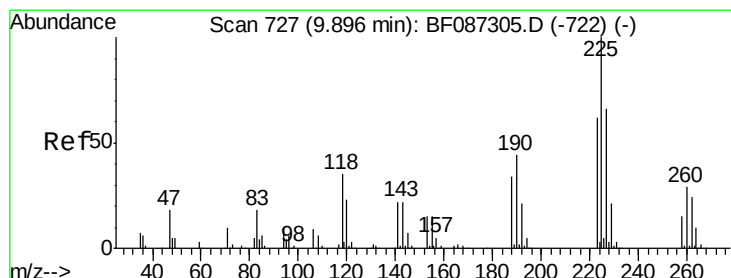
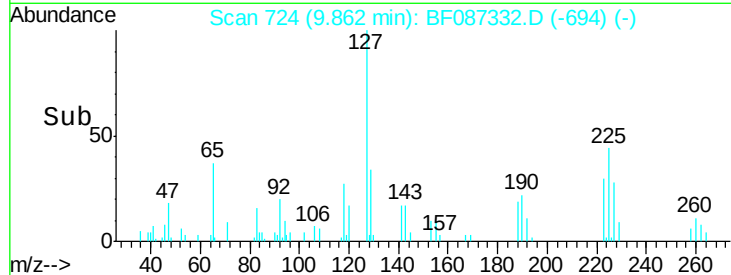
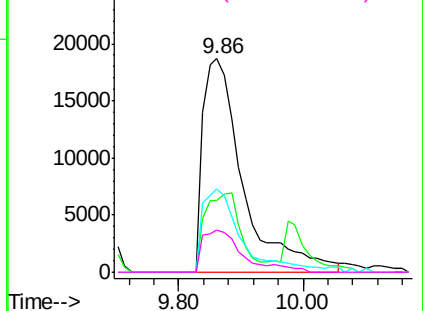
#33
 4-Chloroaniline
 Concen: 7.74 ng
 RT: 9.86 min Scan# 724
 Delta R.T. 0.05 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

Tgt Ion:	127	Resp:	83984
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.2	39.4
65	39.0	23.0	34.4
92	19.9	15.1	22.7

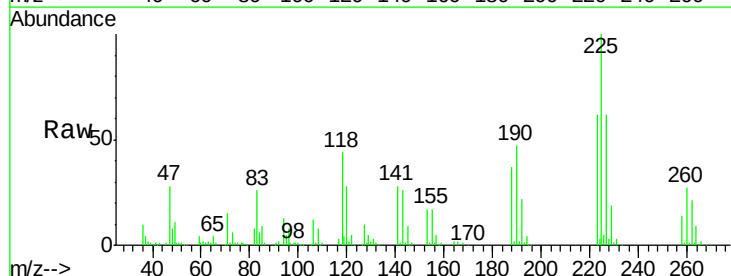


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

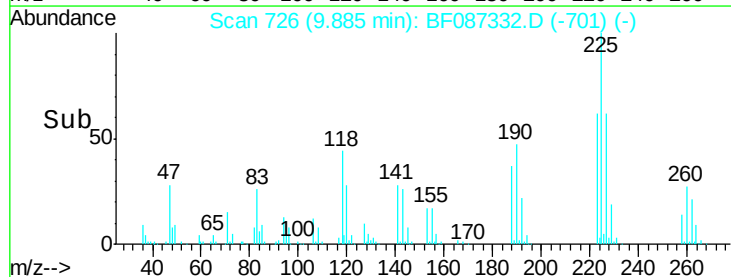
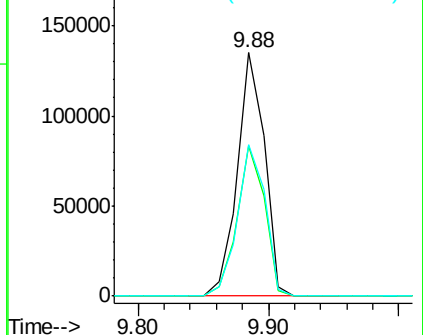


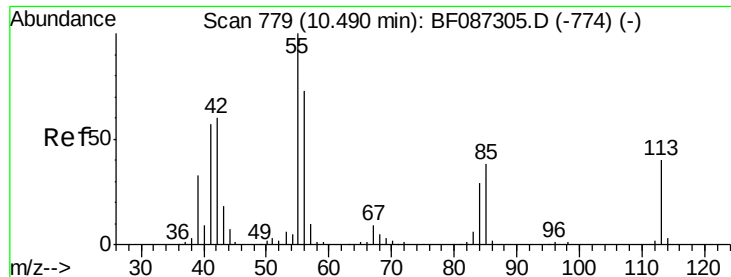
#34
 Hexachlorobutadiene
 Concen: 35.60 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion:	225	Resp:	195056
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.5	77.3
227	62.1	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

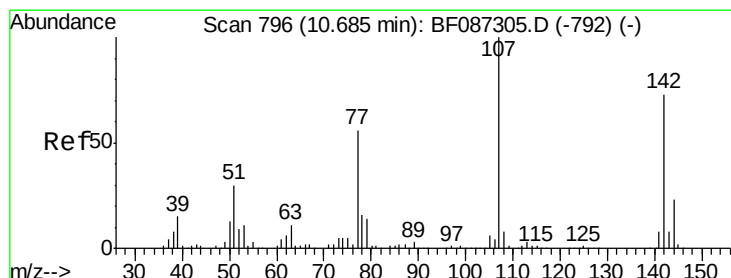
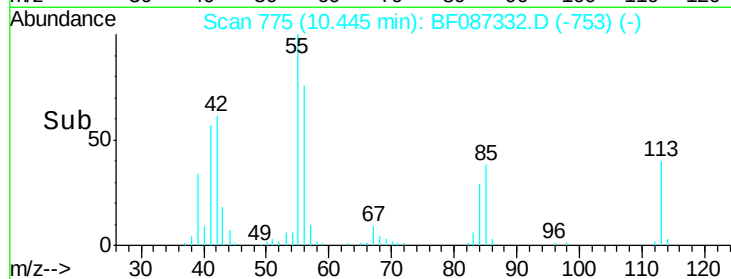
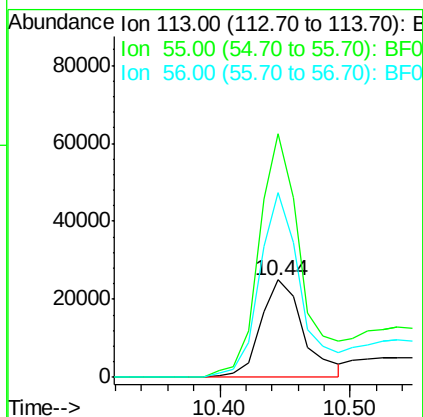
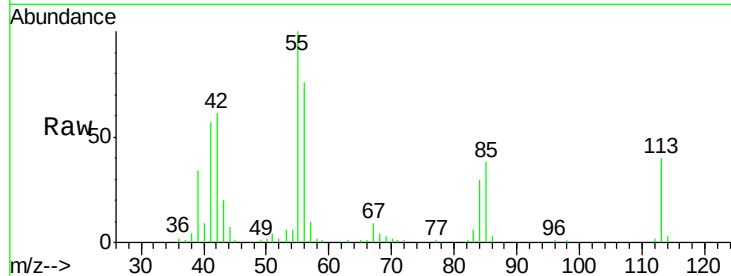




#35
 Caprolactam
 Concen: 24.96 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.05 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

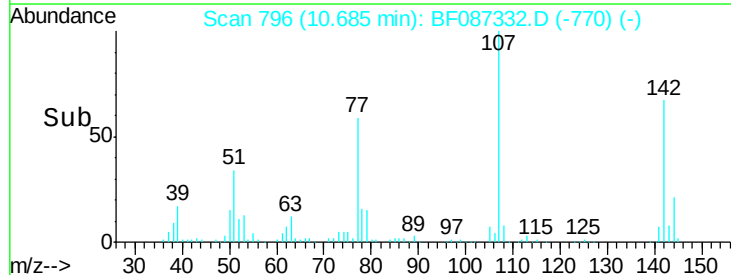
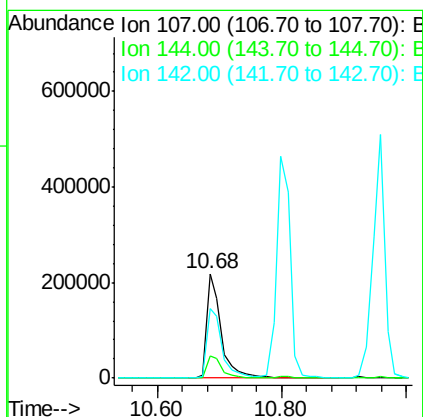
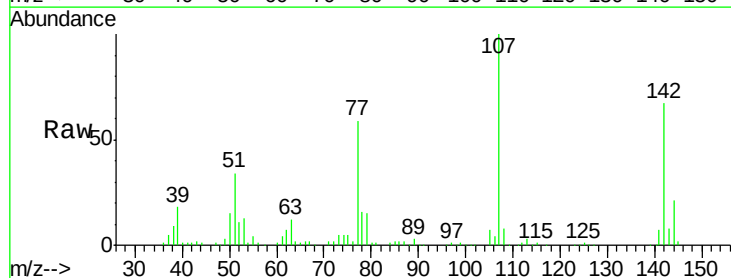
Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

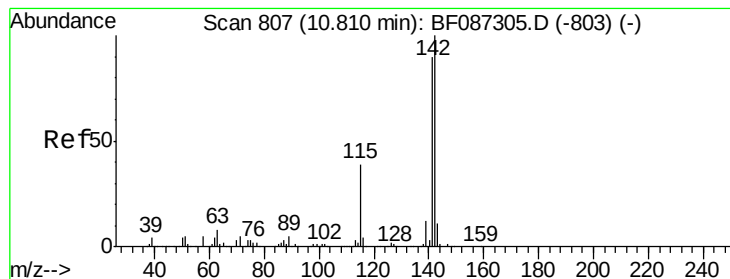
Tgt Ion:113 Resp: 57355
 Ion Ratio Lower Upper
 113 100
 55 249.8 162.0 202.0#
 56 189.1 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 39.50 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion:107 Resp: 351631
 Ion Ratio Lower Upper
 107 100
 144 21.4 20.7 31.1
 142 66.9 63.2 94.8





#37

2-Methylnaphthalene

Concen: 36.65 ng

RT: 10.96 min Scan# 820

Delta R.T. 0.15 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD

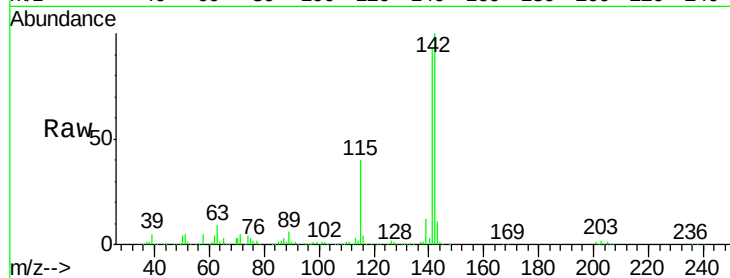
Tgt Ion:142 Resp: 674469

Ion Ratio Lower Upper

142 100

141 92.6 71.0 106.6

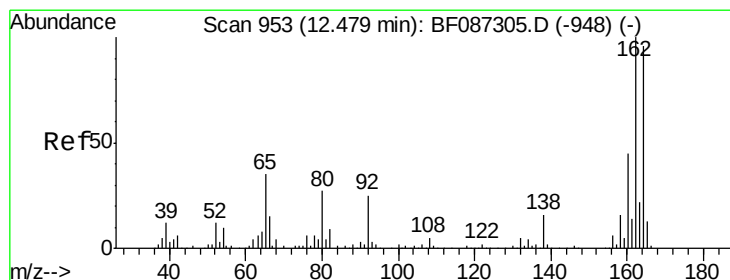
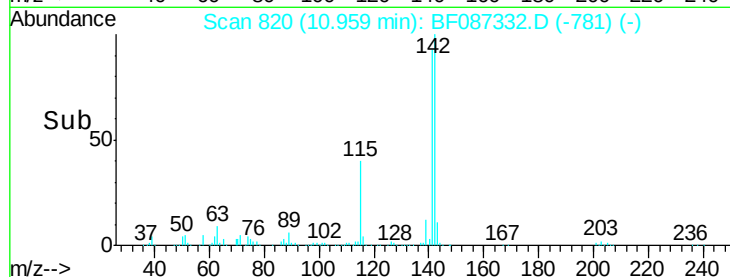
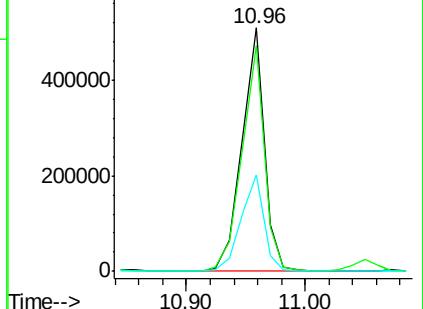
115 39.6 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.48 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

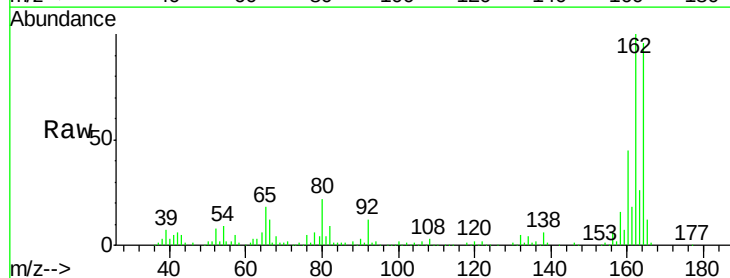
Tgt Ion:164 Resp: 272110

Ion Ratio Lower Upper

164 100

162 104.4 82.8 124.2

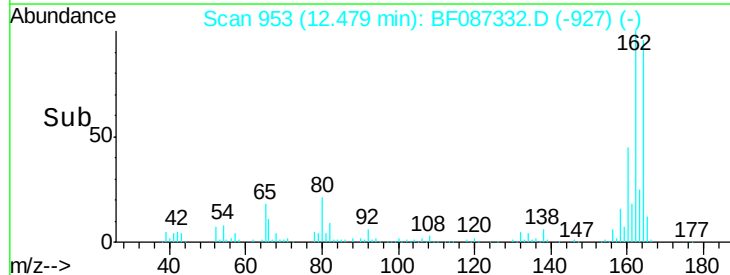
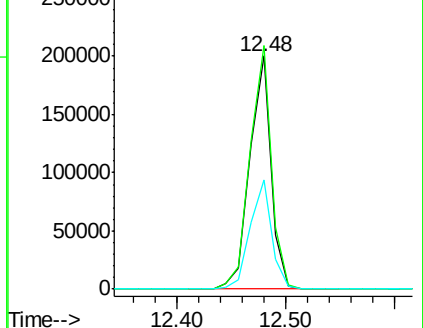
160 47.0 36.9 55.3

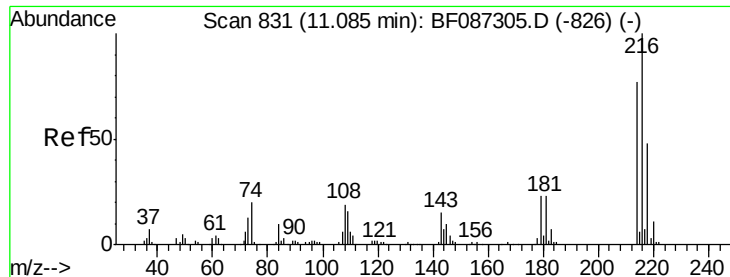


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

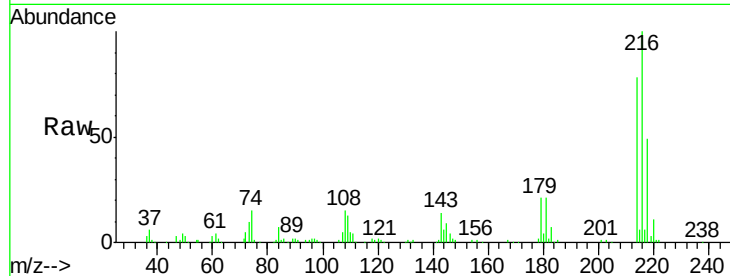




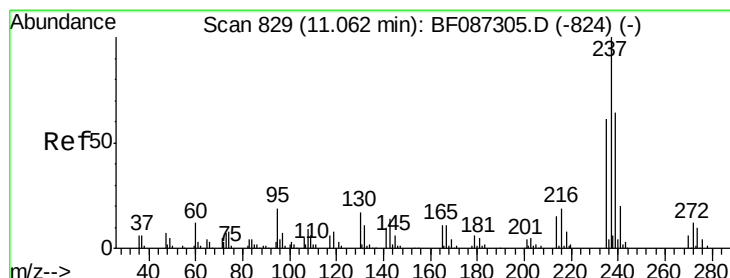
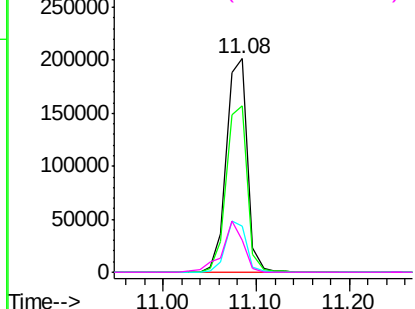
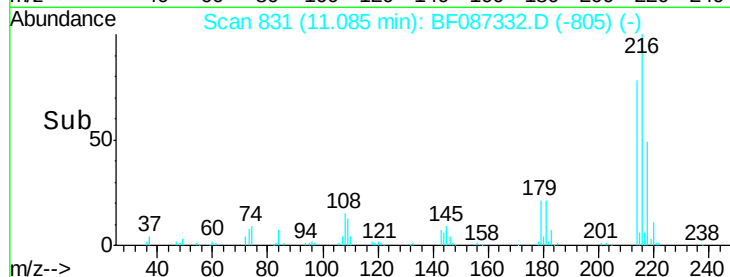
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.24 ng
 RT: 11.08 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

Tgt Ion:216 Resp: 315637
 Ion Ratio Lower Upper
 216 100
 214 78.4 62.6 93.8
 179 23.5 18.2 27.4
 108 23.8 17.5 26.3

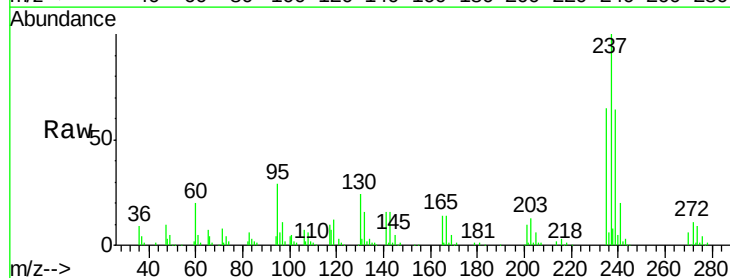


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

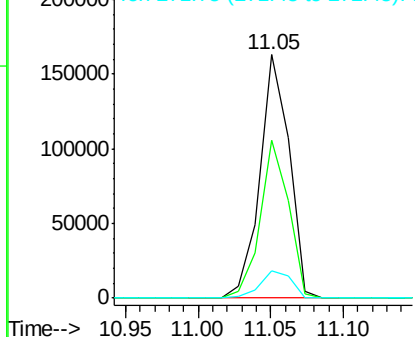
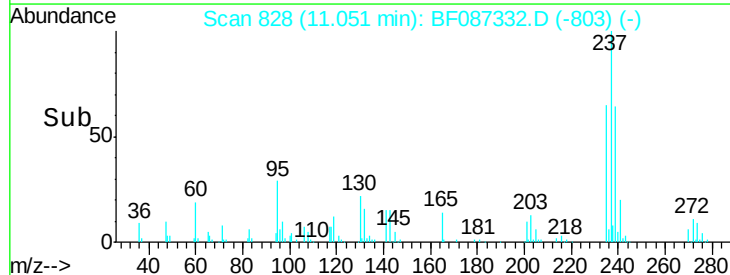


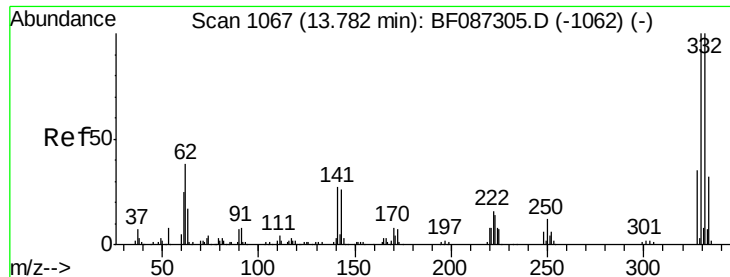
#40
 Hexachlorocyclopentadiene
 Concen: 65.61 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion:237 Resp: 228276
 Ion Ratio Lower Upper
 237 100
 235 64.7 47.2 87.2
 272 11.3 0.0 31.1



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

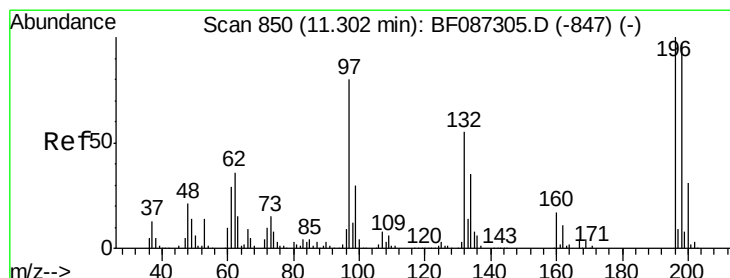
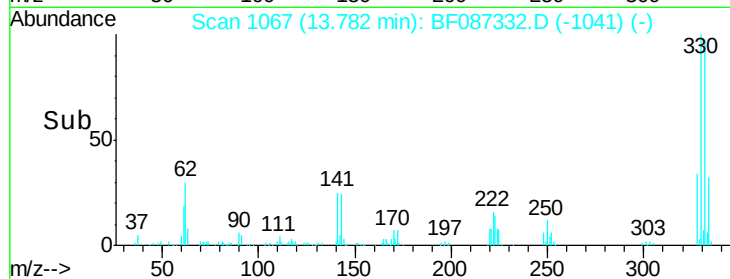
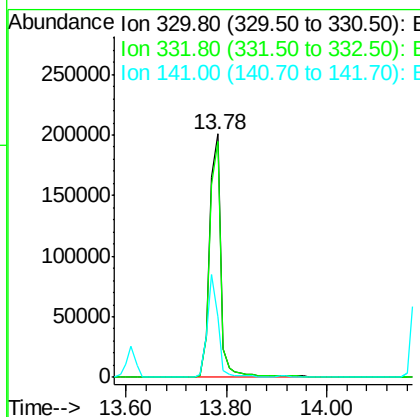
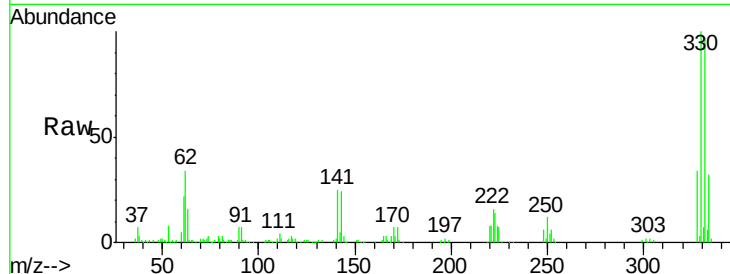




#41
 2,4,6-Tribromophenol
 Concen: 121.63 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

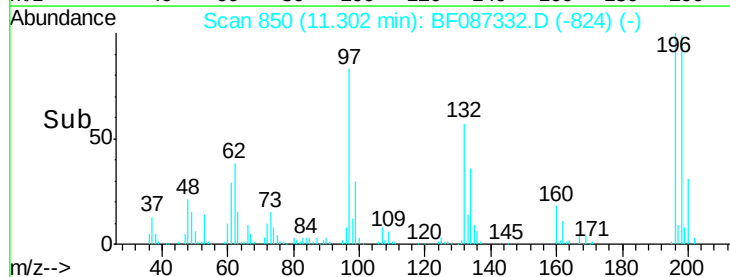
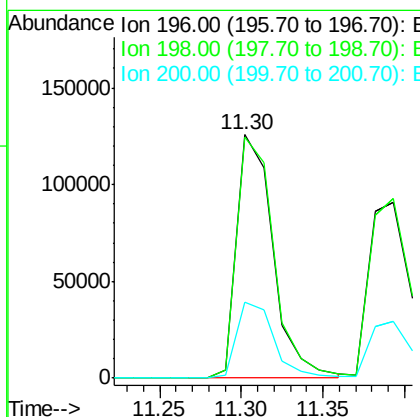
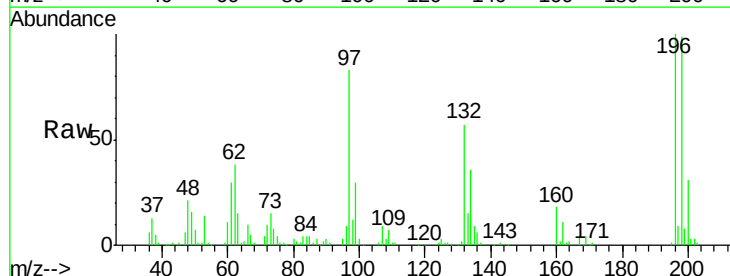
Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

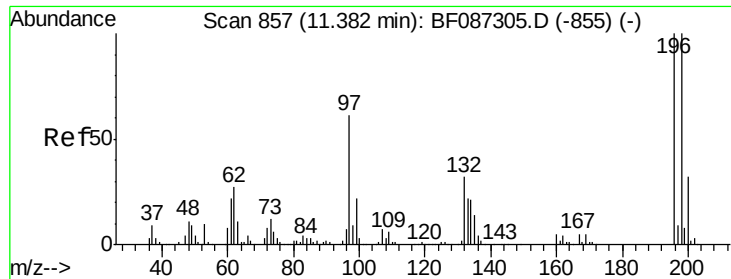
Tgt Ion:330 Resp: 318046
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 40.5 31.2 46.8



#42
 2,4,6-Trichlorophenol
 Concen: 38.55 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion:196 Resp: 193824
 Ion Ratio Lower Upper
 196 100
 198 99.1 74.7 112.1
 200 31.1 23.8 35.6

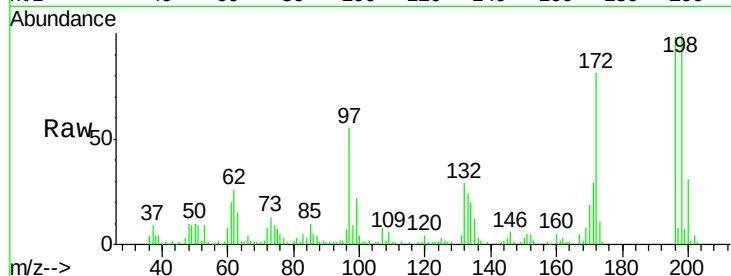




#43
 2,4,5-Trichlorophenol
 Concen: 38.53 ng
 RT: 11.39 min Scan# 858
 Delta R.T. 0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	197299		
198	101.8	77.5	116.3	
97	56.1	34.8	52.2	
132	29.9	23.0	34.4	



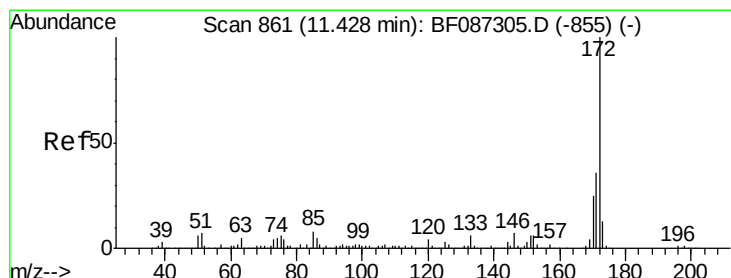
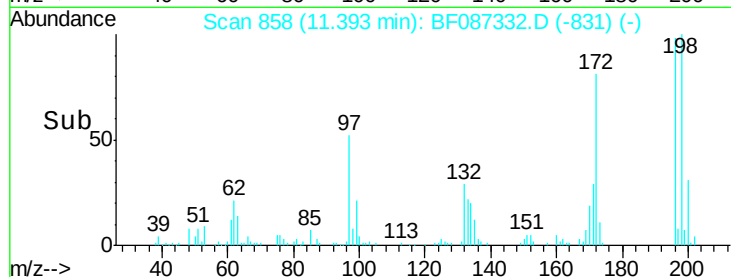
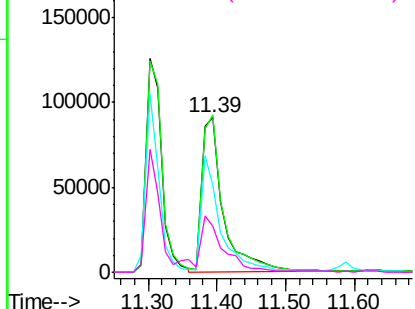
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

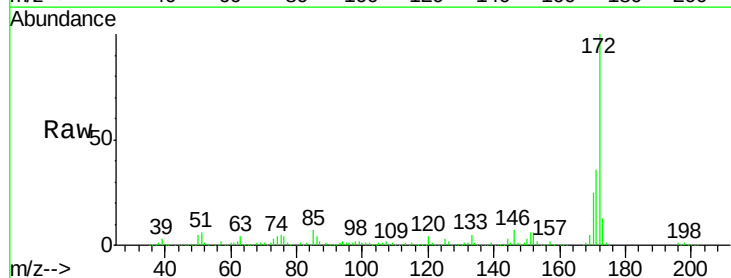
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.23 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1509990		
171	36.4	29.0	43.6	
170	24.6	19.8	29.8	

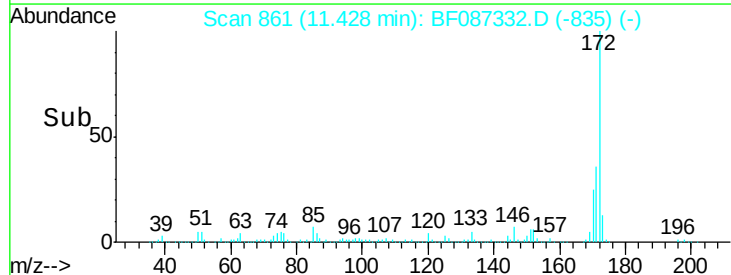
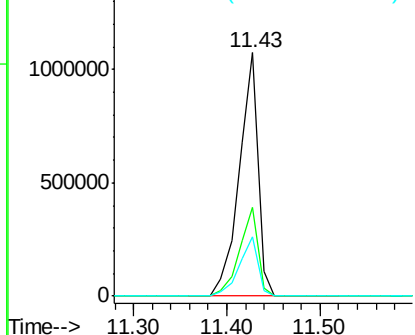


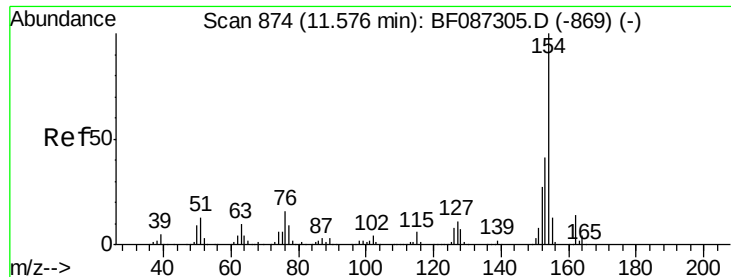
Abundance

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

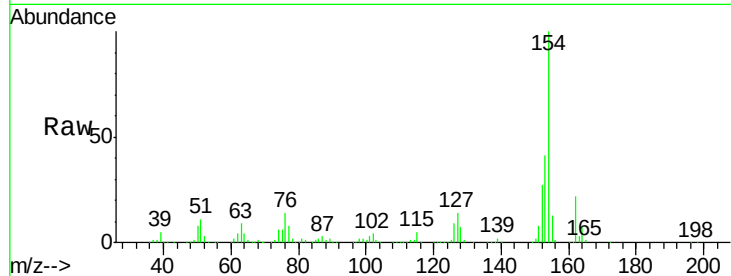




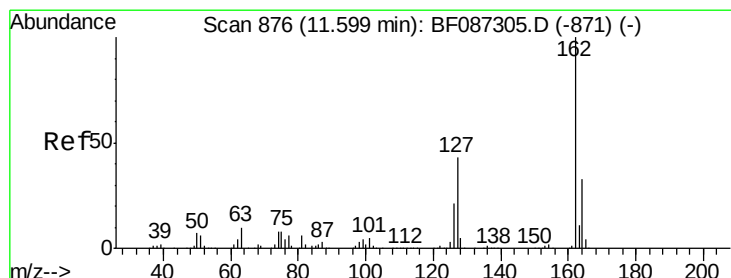
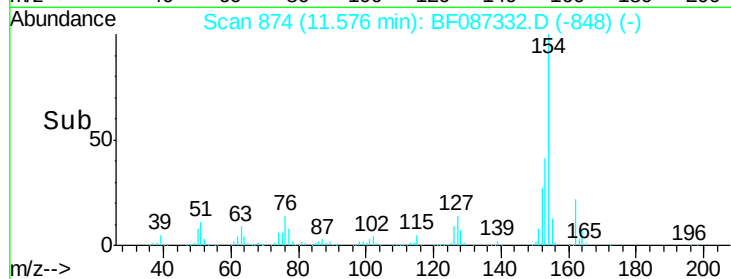
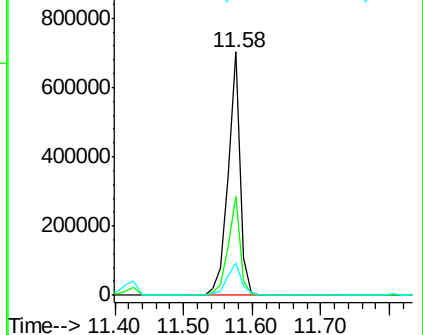
#45
 1,1'-Biphenyl
 Concen: 38.07 ng
 RT: 11.58 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

Tgt Ion:154 Resp: 872124
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.3 60.3
 76 13.5 0.0 30.2

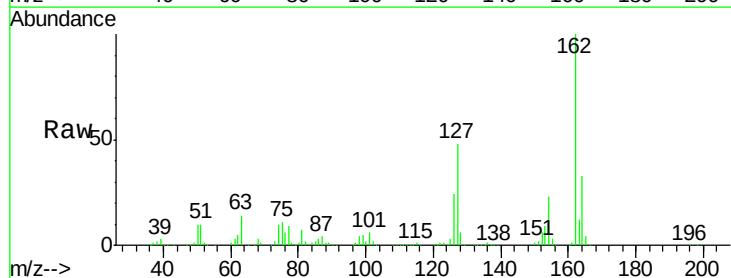


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

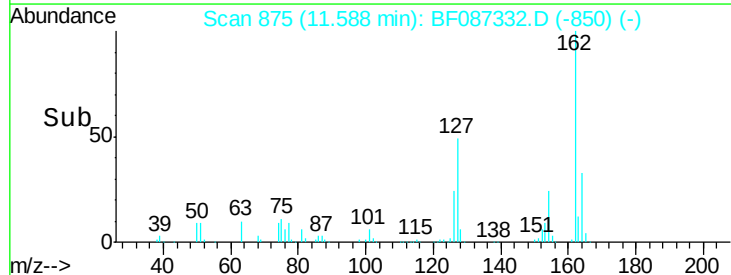
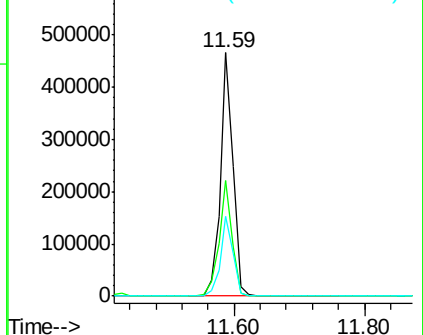


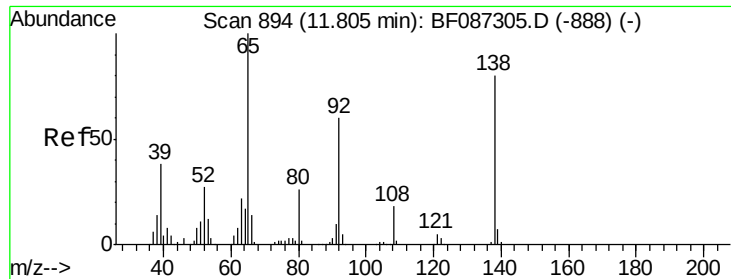
#46
 2-Chloronaphthalene
 Concen: 36.21 ng
 RT: 11.59 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion:162 Resp: 634724
 Ion Ratio Lower Upper
 162 100
 127 47.6 31.8 47.6
 164 32.8 27.0 40.6



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

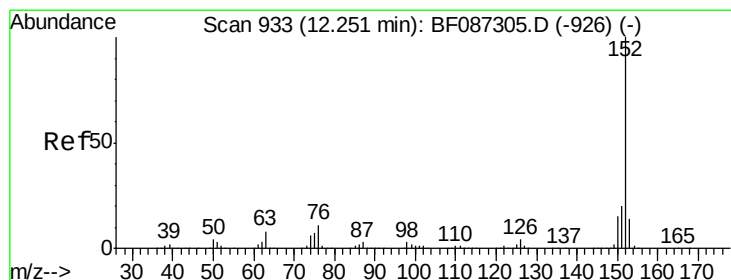
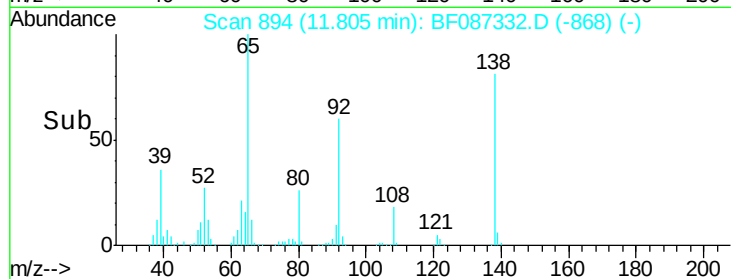
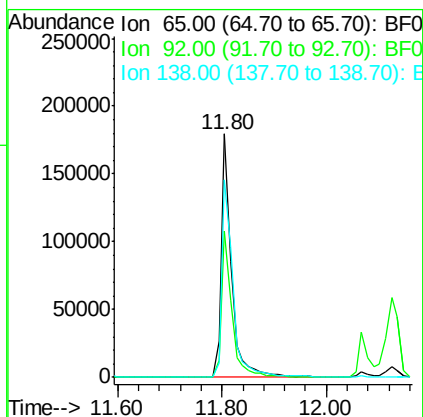
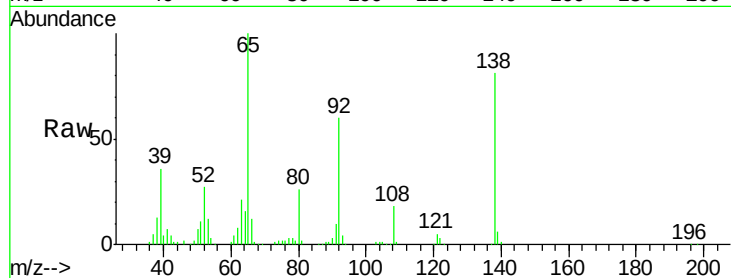




#47
2-Nitroaniline
Concen: 39.11 ng
RT: 11.80 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

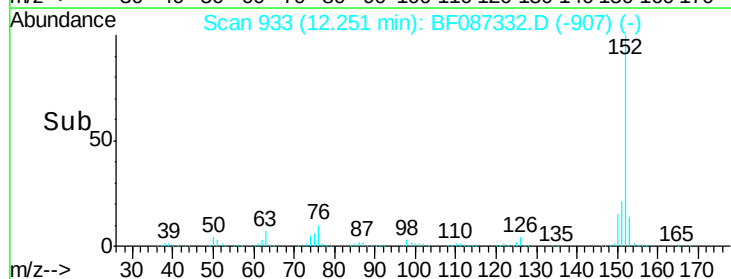
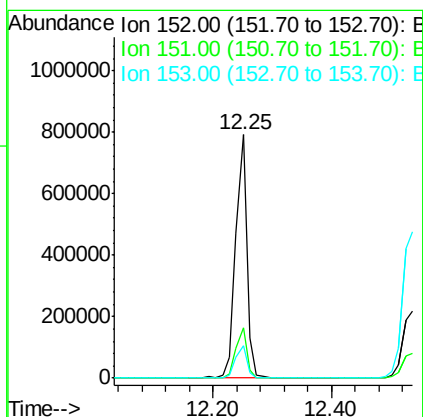
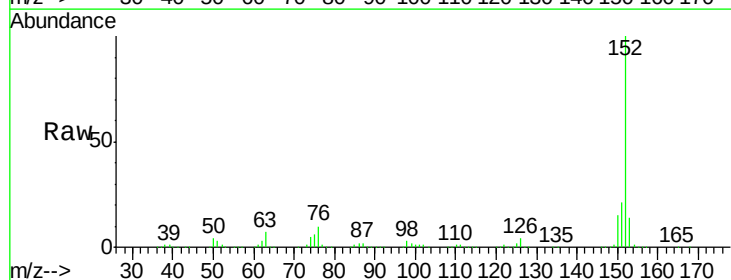
Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMSD

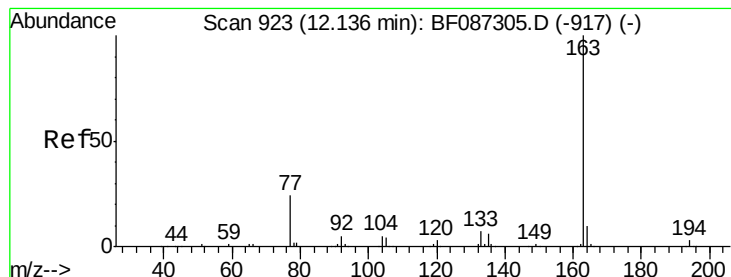
Tgt Ion: 65 Resp: 246960
Ion Ratio Lower Upper
65 100
92 60.3 57.4 86.2
138 81.3 90.1 135.1#



#48
Acenaphthylene
Concen: 37.23 ng
RT: 12.25 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Tgt Ion: 152 Resp: 1033156
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.5 10.9 16.3





#49

Dimethylphthalate

Concen: 43.64 ng

RT: 12.12 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD

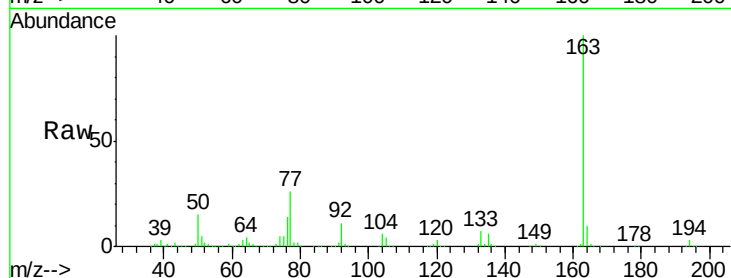
Tgt Ion:163 Resp: 951211

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

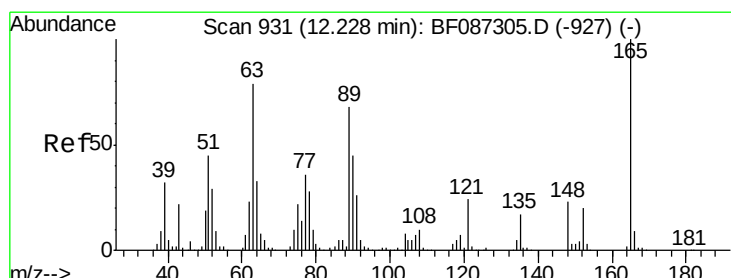
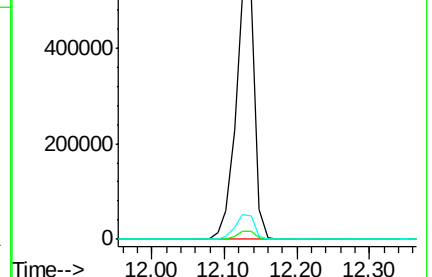
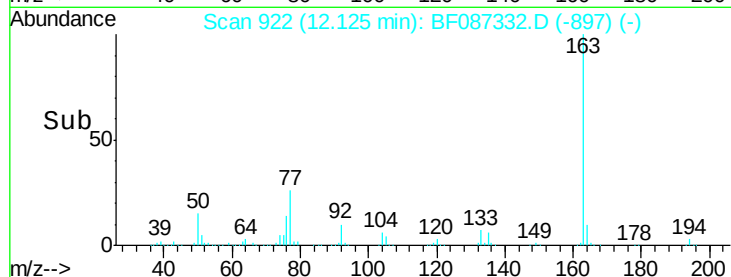
164 10.3 8.2 12.4



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: 39.10 ng

RT: 12.22 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

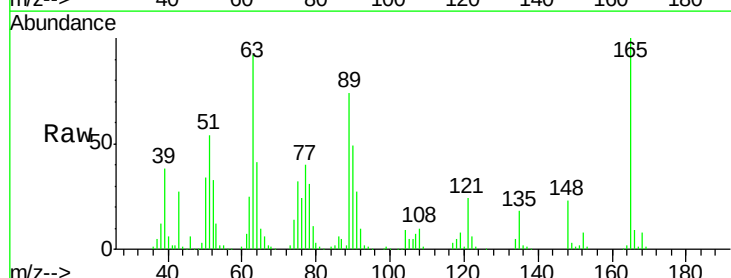
Tgt Ion:165 Resp: 171750

Ion Ratio Lower Upper

165 100

63 92.1 51.8 77.8#

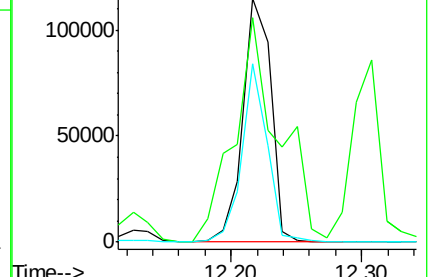
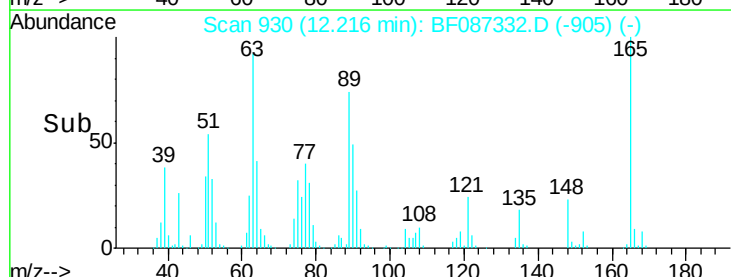
89 73.5 50.7 76.1

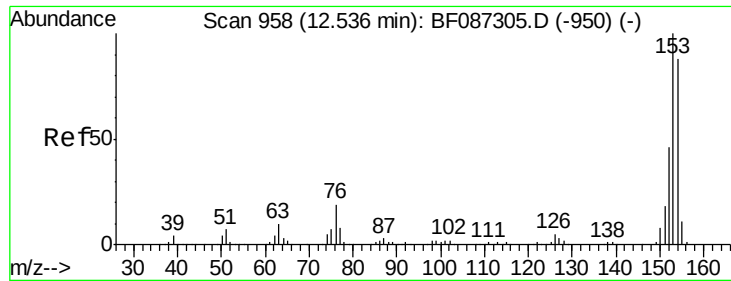


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.13 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD

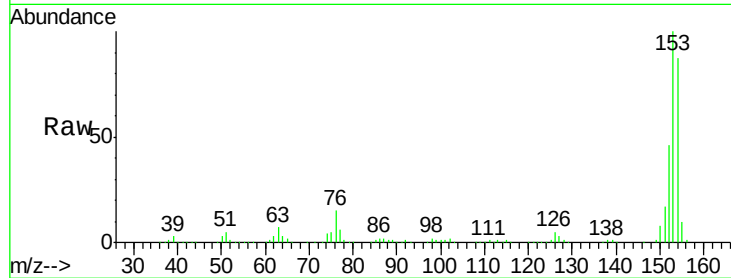
Tgt Ion:154 Resp: 633251

Ion Ratio Lower Upper

154 100

153 114.6 89.8 134.6

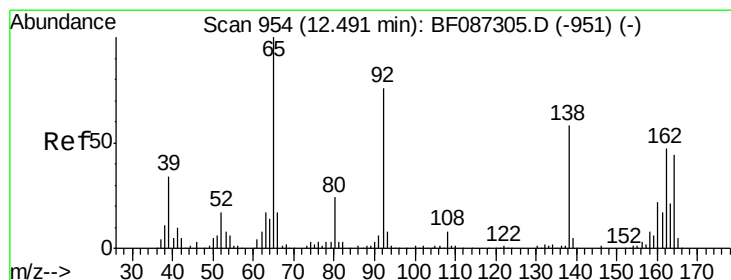
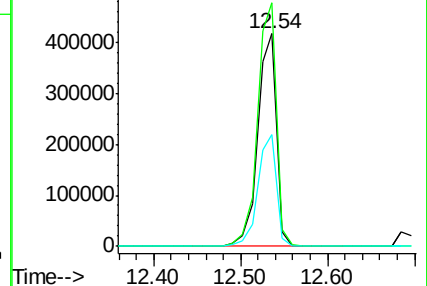
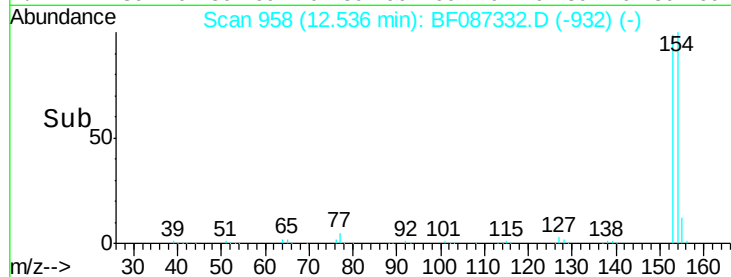
152 52.4 43.4 65.0



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: 19.69 ng

RT: 12.49 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

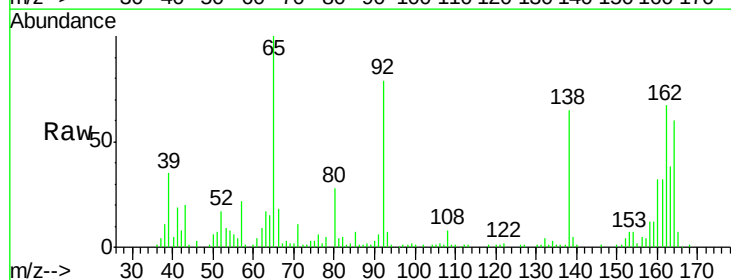
Tgt Ion:138 Resp: 88754

Ion Ratio Lower Upper

138 100

108 12.9 7.8 11.6#

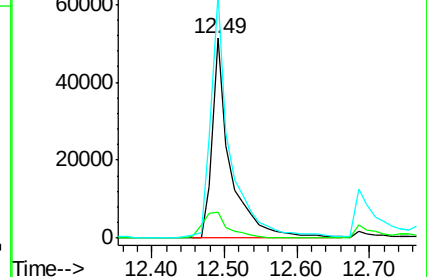
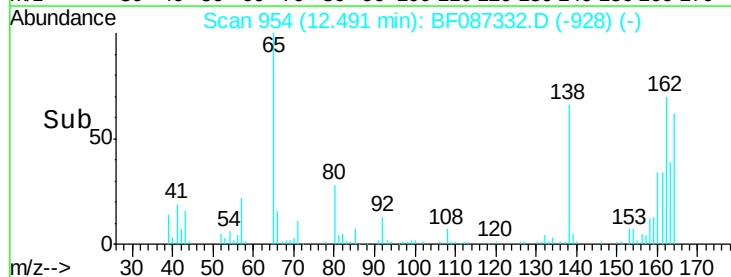
92 122.0 87.8 131.8

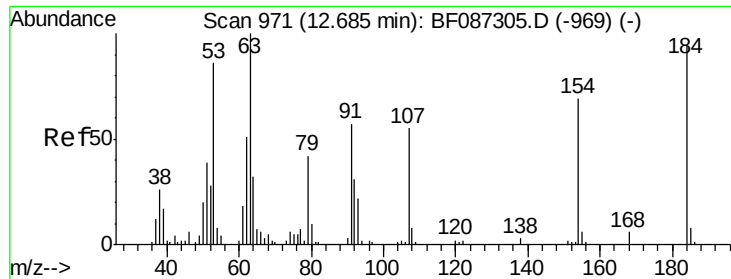


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

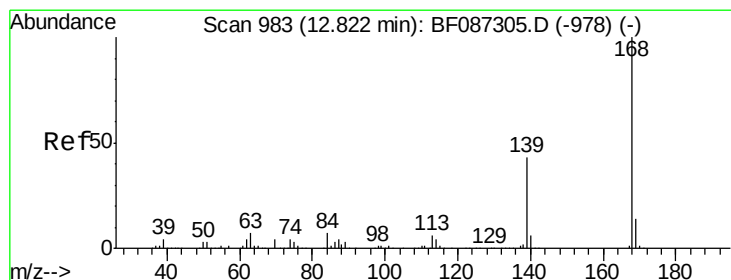
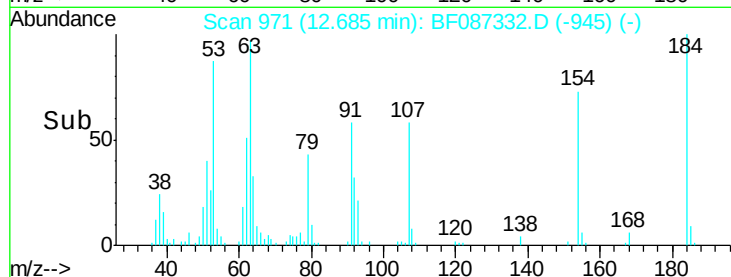
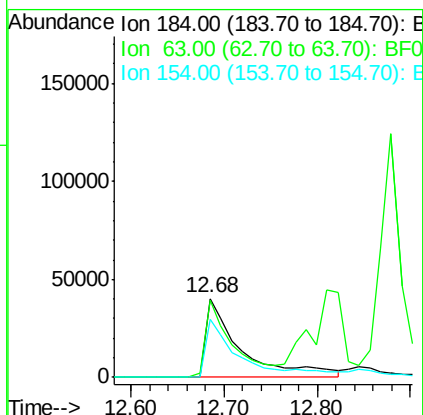
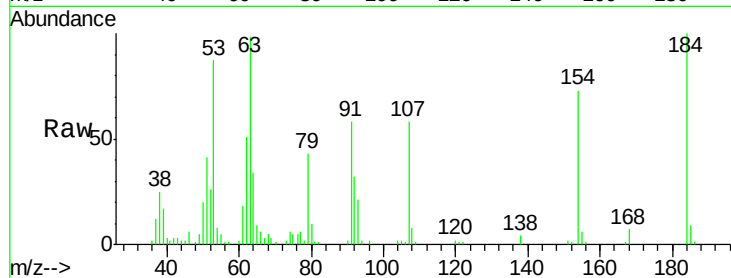




#53
2,4-Dinitrophenol
Concen: 49.25 ng
RT: 12.68 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

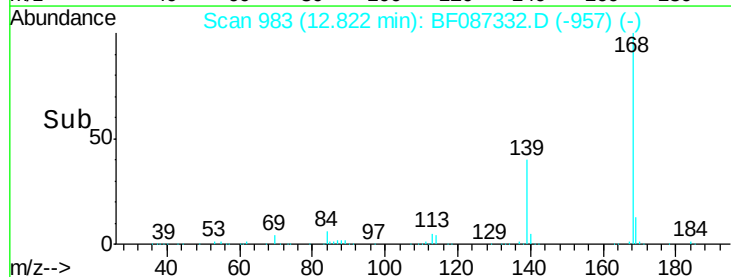
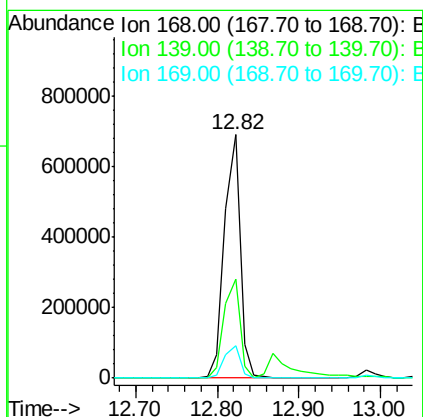
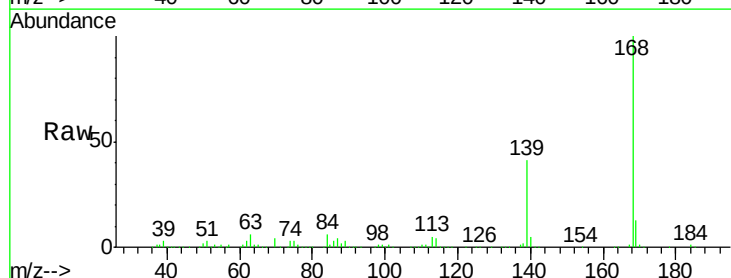
Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMSD

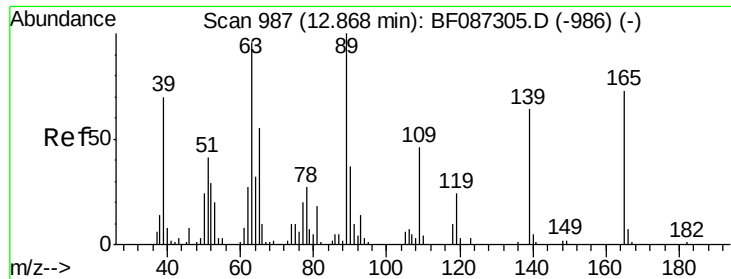
Tgt Ion:184 Resp: 104540
Ion Ratio Lower Upper
184 100
63 98.2 55.8 83.8#
154 73.3 62.4 93.6



#54
Dibenzofuran
Concen: 40.21 ng
RT: 12.82 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Tgt Ion:168 Resp: 928598
Ion Ratio Lower Upper
168 100
139 40.6 31.4 47.0
169 13.1 10.7 16.1





#55

4-Nitrophenol

Concen: 76.22 ng

RT: 12.87 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD

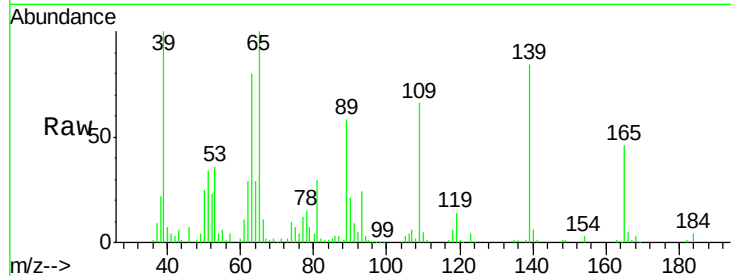
Tgt Ion:139 Resp: 163901

Ion Ratio Lower Upper

139 100

109 79.1 36.9 76.9#

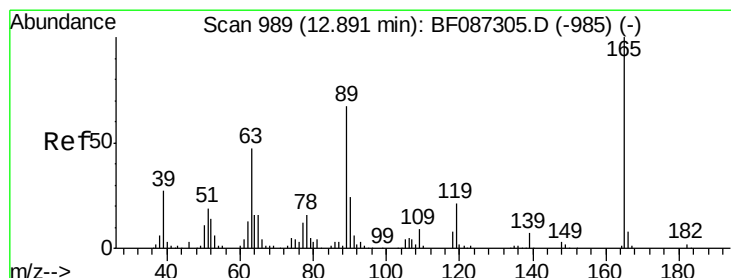
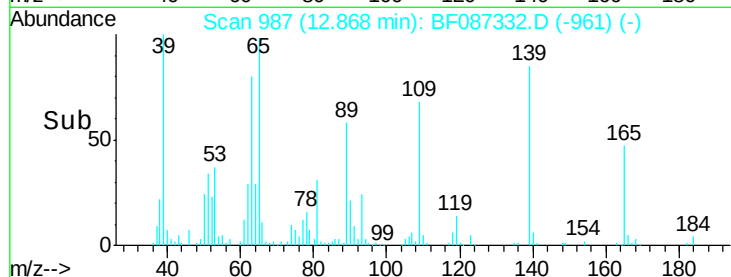
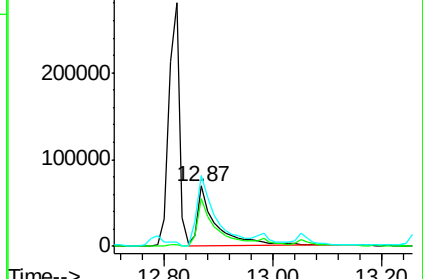
65 118.6 64.0 104.0#



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: 37.91 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Tgt Ion:165 Resp: 222536

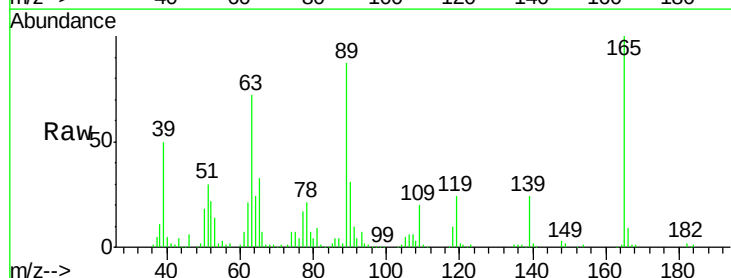
Ion Ratio Lower Upper

165 100

63 72.1 44.3 66.5#

89 87.3 70.0 105.0

182 2.3 1.8 2.6

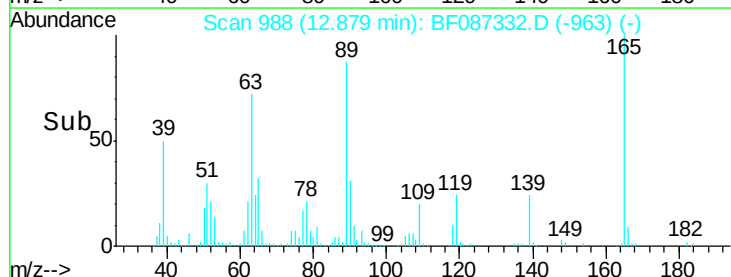
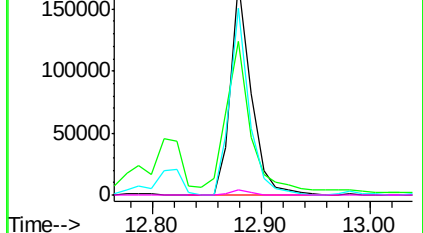


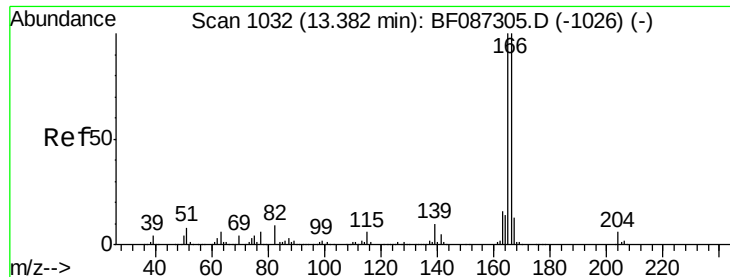
Abundance Ion 165.00 (164.70 to 165.70): E

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: 36.22 ng

RT: 13.37 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD

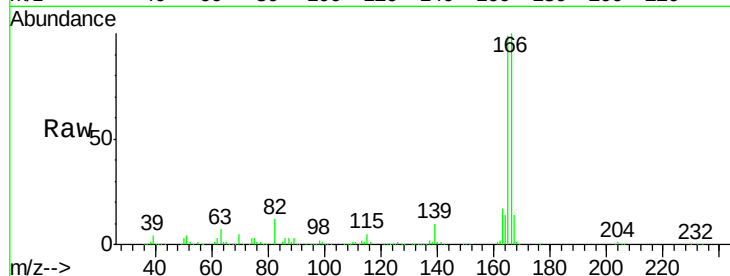
Tgt Ion:166 Resp: 725241

Ion Ratio Lower Upper

166 100

165 99.0 79.0 118.6

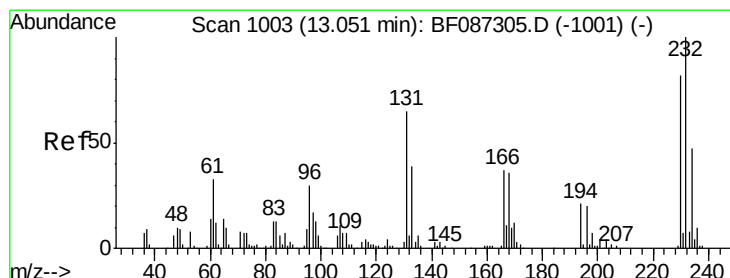
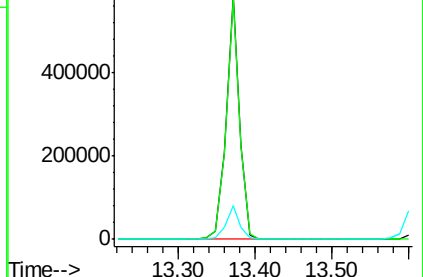
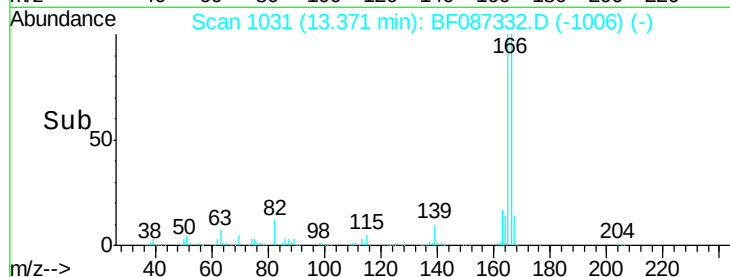
167 13.7 10.6 15.8



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: 42.45 ng

RT: 13.05 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Tgt Ion:232 Resp: 167186

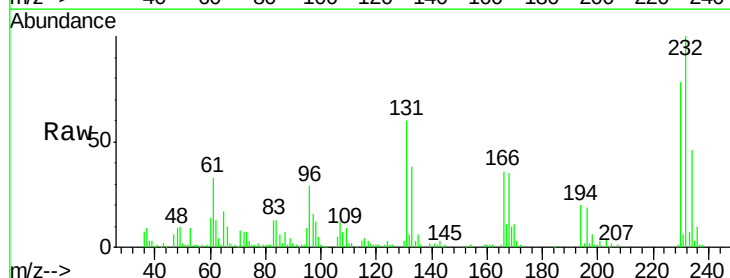
Ion Ratio Lower Upper

232 100

131 53.8 41.9 62.9

130 2.8 2.2 3.4

166 32.4 26.8 40.2

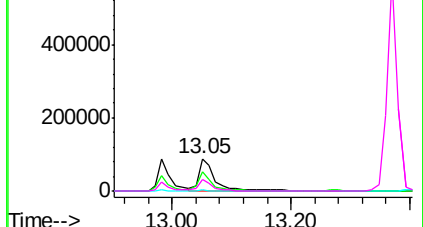
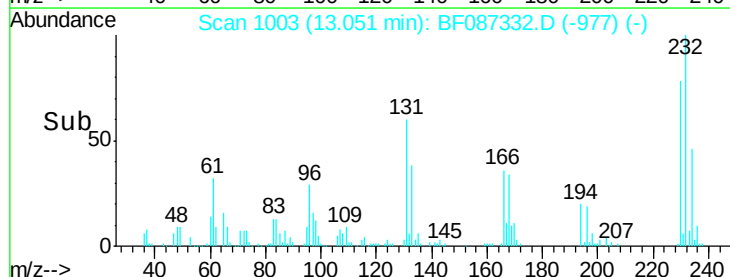


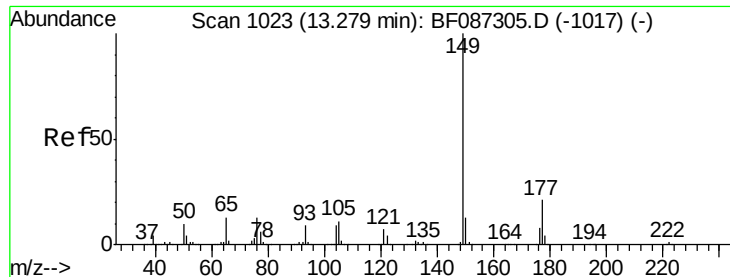
Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.89 ng

RT: 13.28 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD

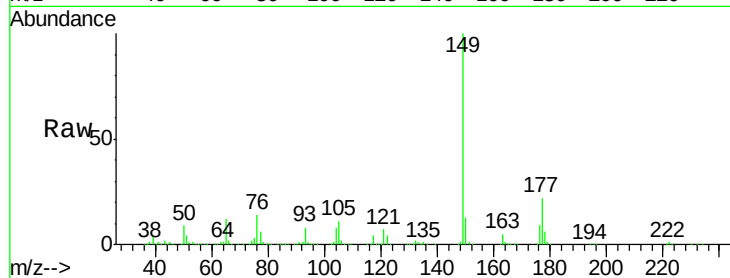
Tgt Ion:149 Resp: 781843

Ion Ratio Lower Upper

149 100

177 22.0 16.6 24.8

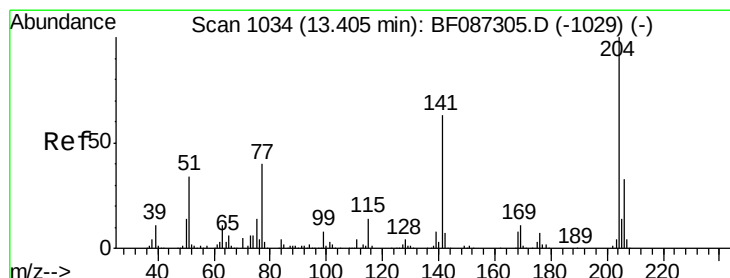
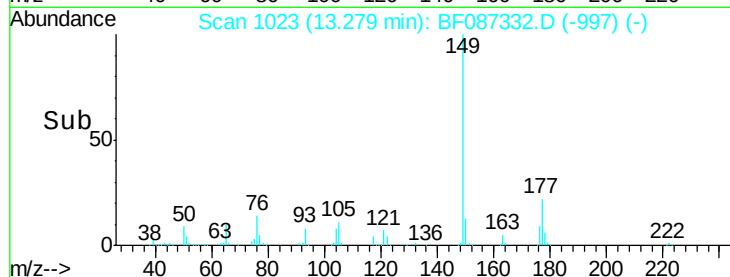
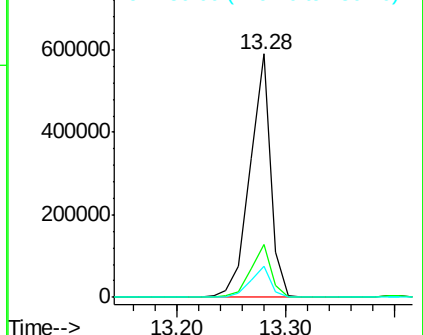
150 12.8 10.0 15.0



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: 35.57 ng

RT: 13.39 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

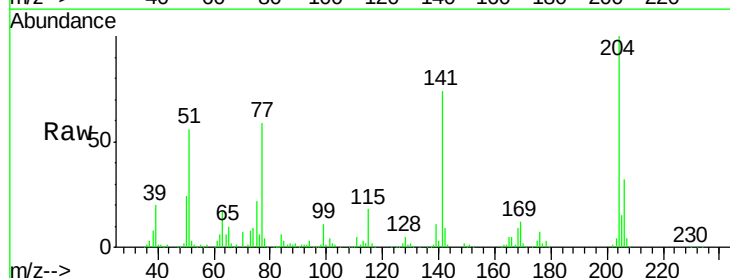
Tgt Ion:204 Resp: 347327

Ion Ratio Lower Upper

204 100

206 32.2 25.4 38.0

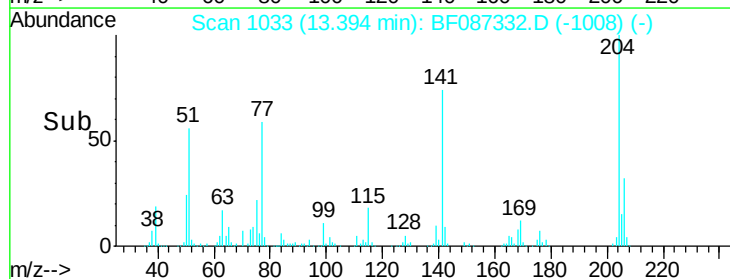
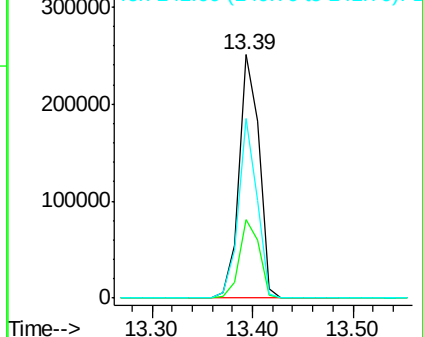
141 73.6 61.6 92.4

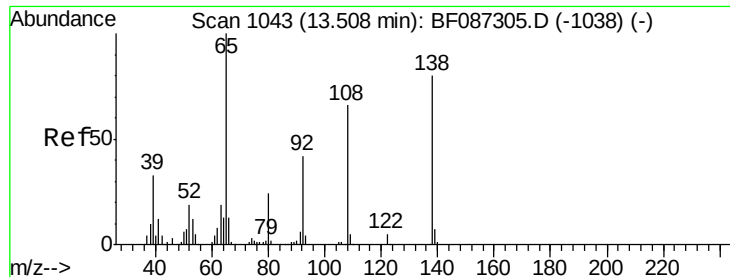


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

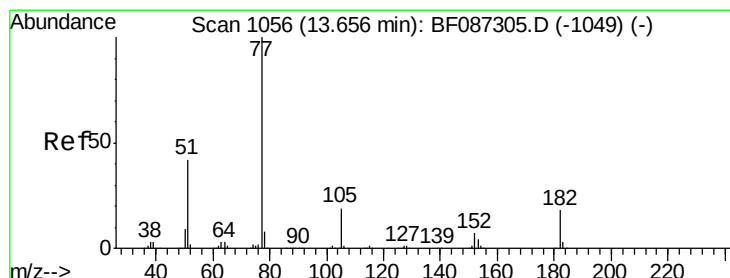
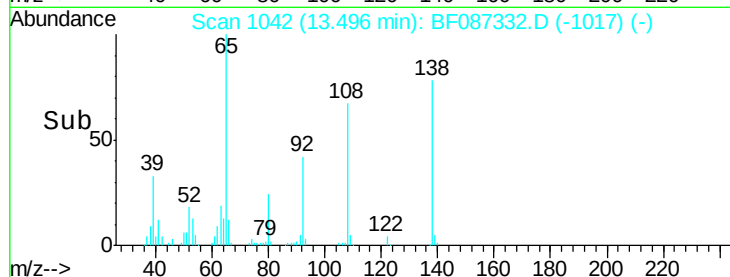
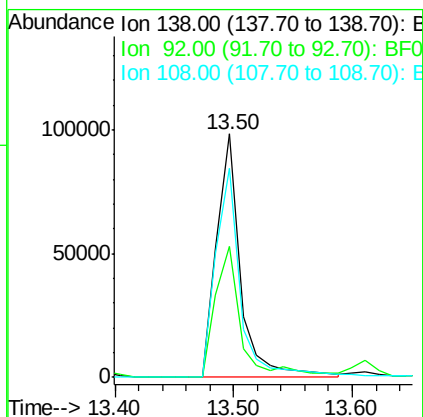
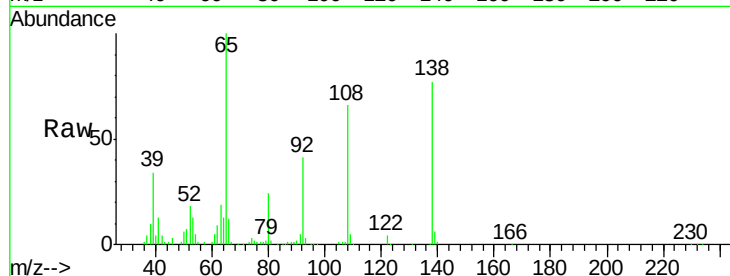




#61
4-Nitroaniline
Concen: 32.67 ng
RT: 13.50 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

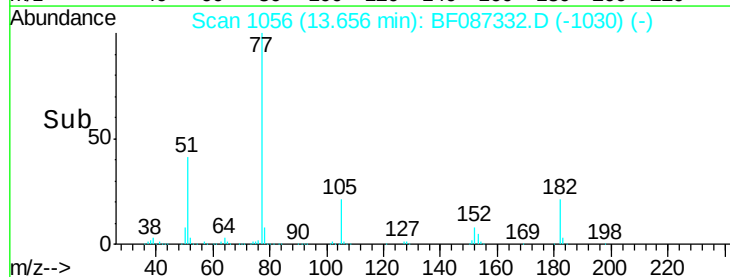
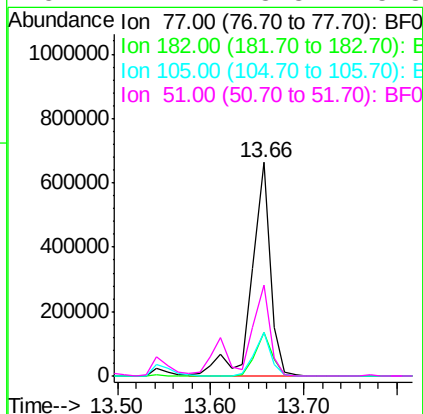
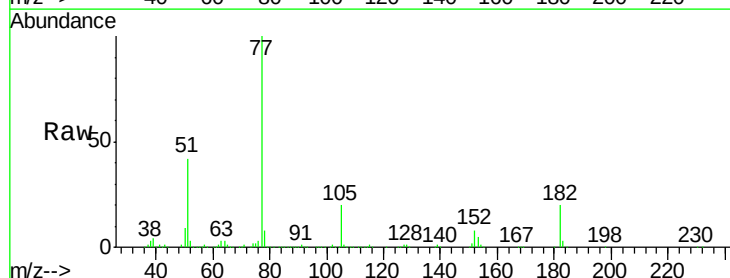
Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMSD

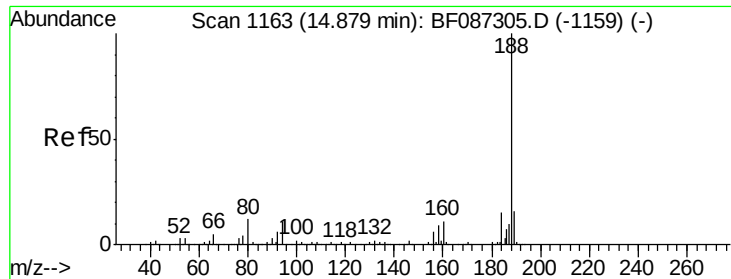
Tgt Ion:138 Resp: 137463
Ion Ratio Lower Upper
138 100
92 53.7 24.7 64.7
108 86.0 37.4 77.4#



#62
Azobenzene
Concen: 41.33 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Tgt Ion: 77 Resp: 908697
Ion Ratio Lower Upper
77 100
182 20.5 0.0 38.8
105 20.5 3.2 43.2
51 42.4 8.8 48.8

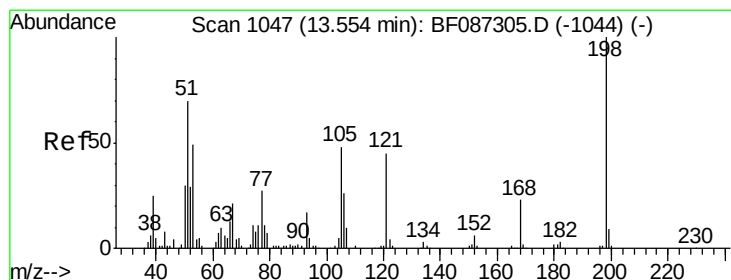
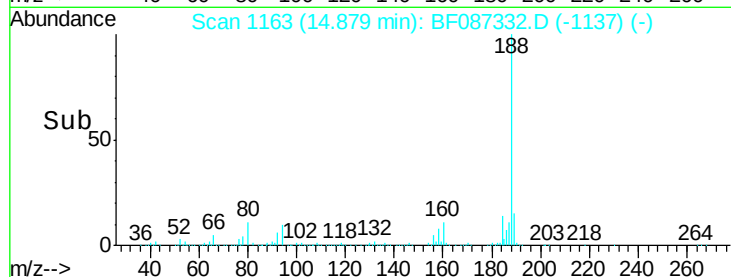
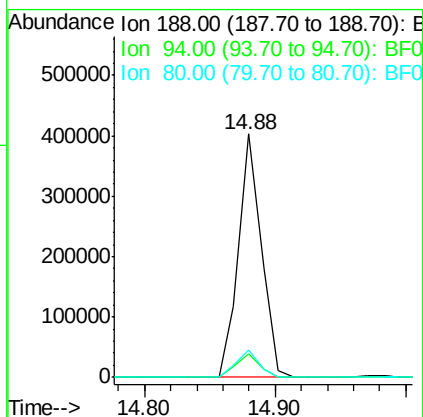
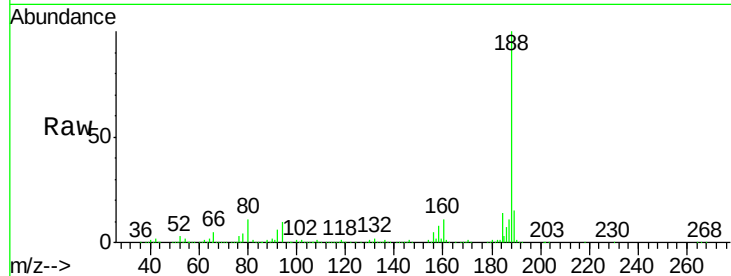




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

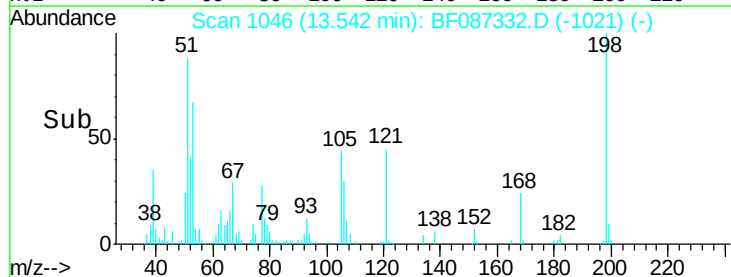
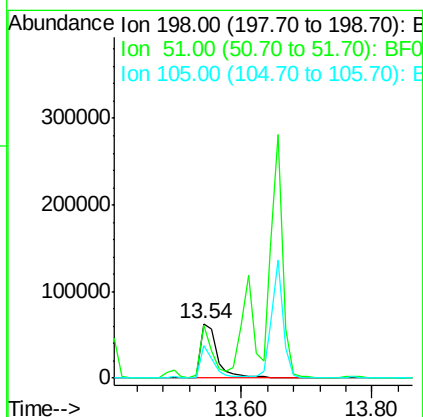
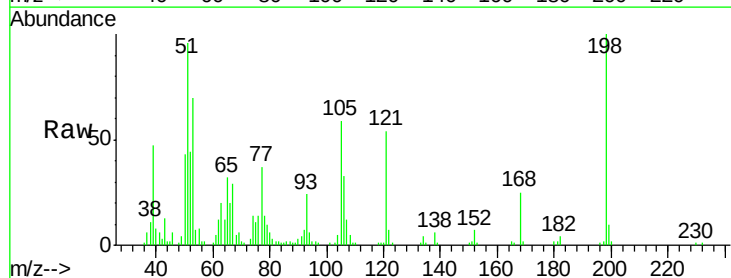
Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMSD

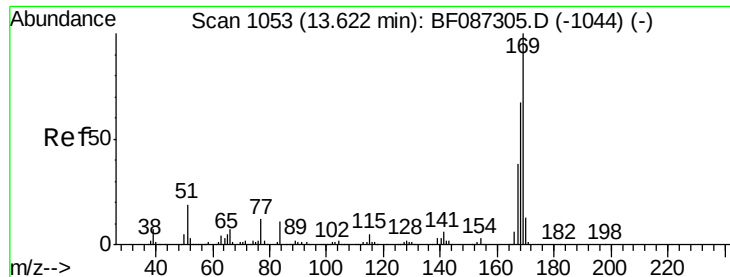
Tgt Ion:188 Resp: 492905
Ion Ratio Lower Upper
188 100
94 9.6 6.8 10.2
80 11.0 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 35.51 ng
RT: 13.54 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Tgt Ion:198 Resp: 111300
Ion Ratio Lower Upper
198 100
51 96.5 20.5 60.5#
105 59.2 24.5 64.5

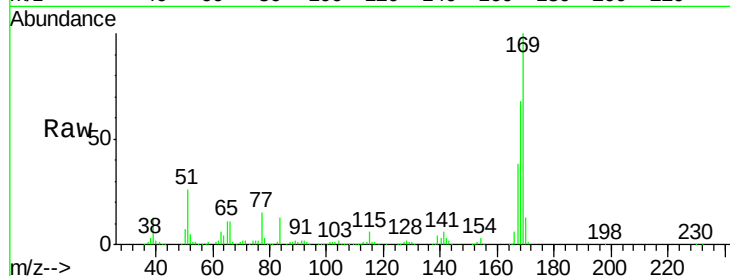




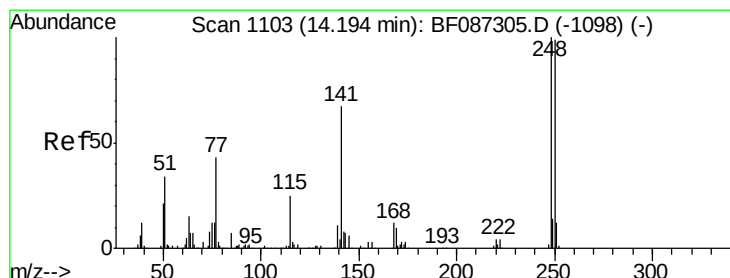
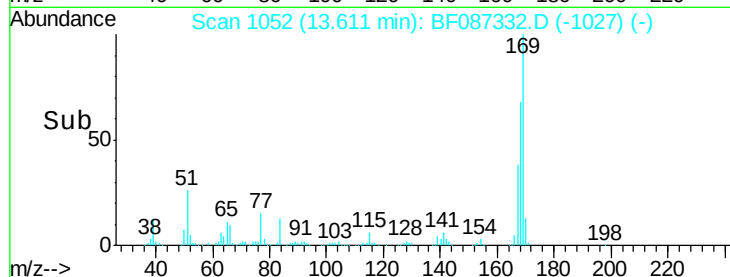
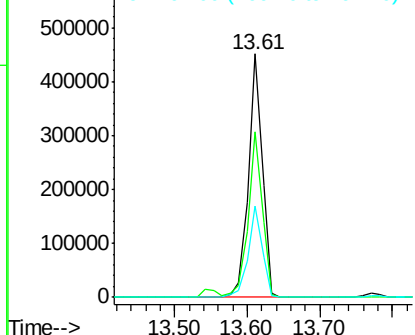
#65
 n-Nitrosodiphenylamine
 Concen: 38.07 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

Tgt Ion:169 Resp: 606872
 Ion Ratio Lower Upper
 169 100
 168 68.3 53.8 80.6
 167 37.7 29.5 44.3

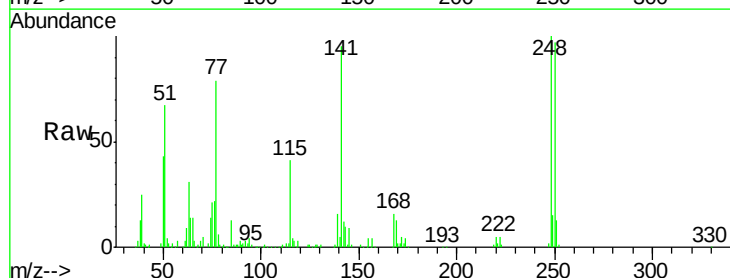


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

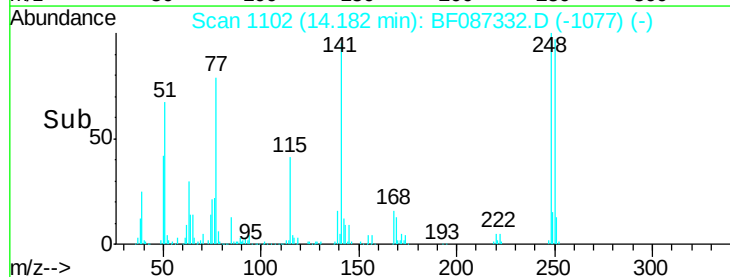
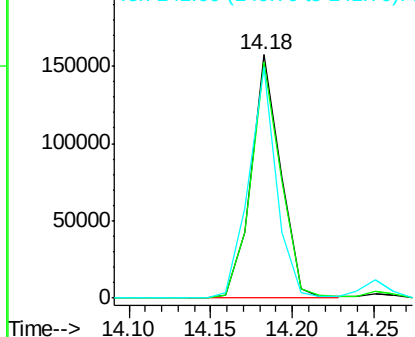


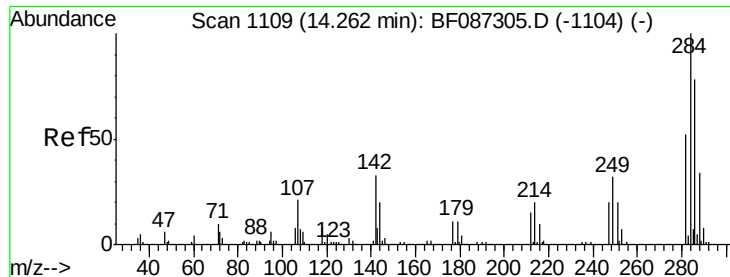
#66
 4-Bromophenyl-phenylether
 Concen: 36.60 ng
 RT: 14.18 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion:248 Resp: 197352
 Ion Ratio Lower Upper
 248 100
 250 96.7 78.6 117.8
 141 95.0 76.0 114.0



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





#67

Hexachlorobenzene

Concen: 35.84 ng

RT: 14.25 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD

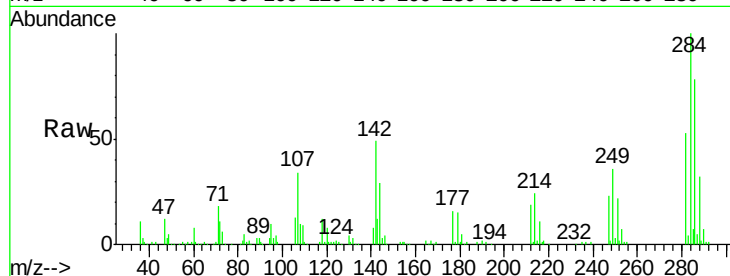
Tgt Ion:284 Resp: 202105

Ion Ratio Lower Upper

284 100

142 48.9 16.7 25.1#

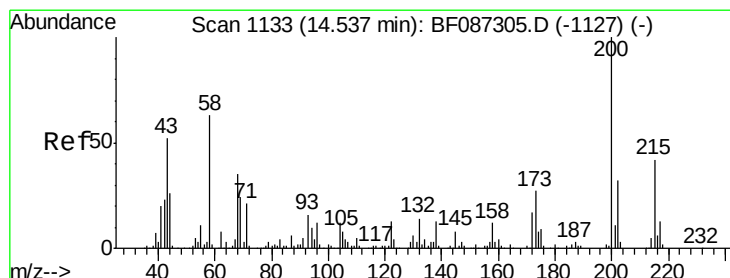
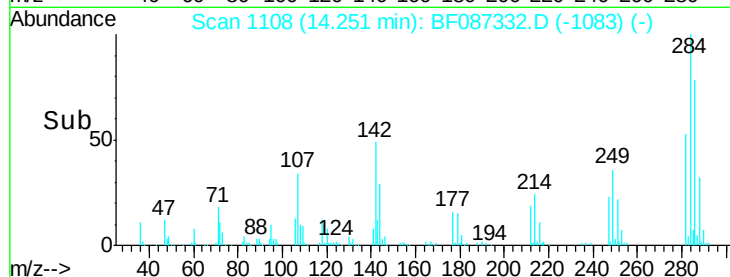
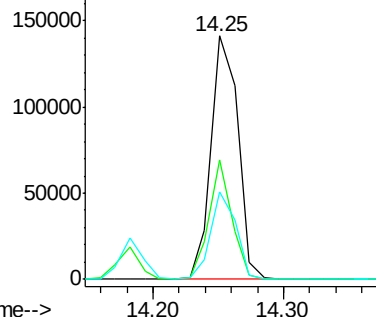
249 36.1 21.3 31.9#



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: 39.68 ng

RT: 14.53 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

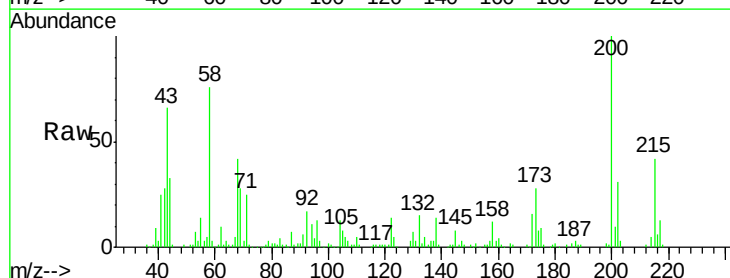
Tgt Ion:200 Resp: 201618

Ion Ratio Lower Upper

200 100

173 27.7 8.5 48.5

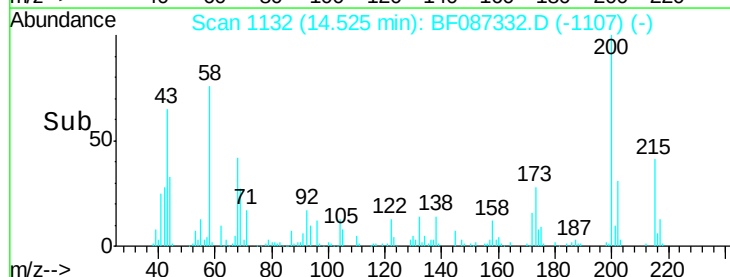
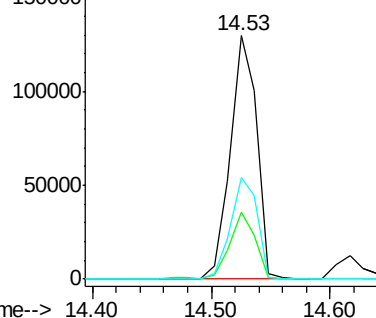
215 41.7 27.2 67.2

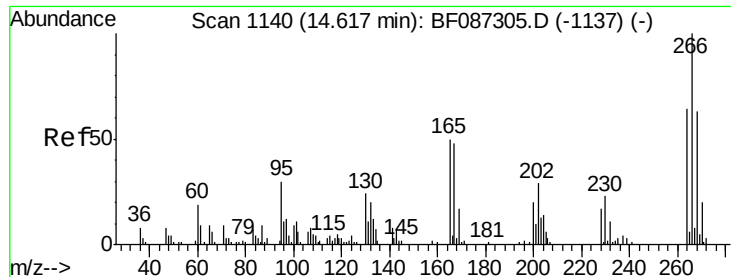


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

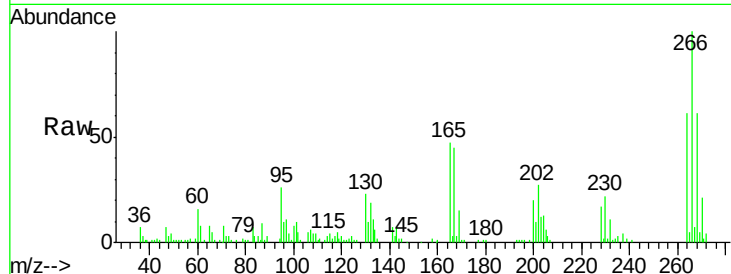




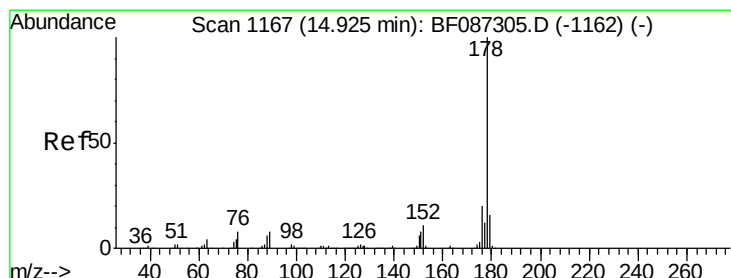
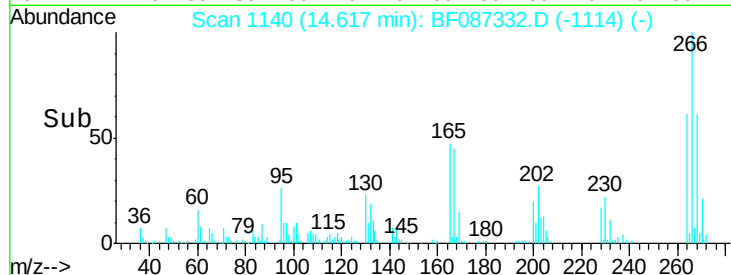
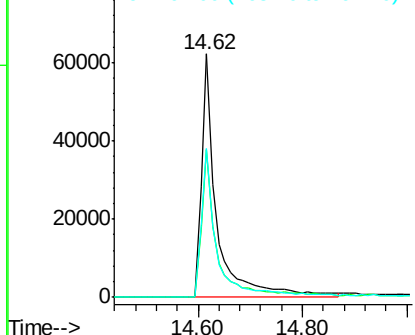
#69
 Pentachlorophenol
 Concen: 73.64 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

Tgt Ion: 266 Resp: 128149
 Ion Ratio Lower Upper
 266 100
 268 60.5 51.5 77.3
 264 61.4 52.9 79.3

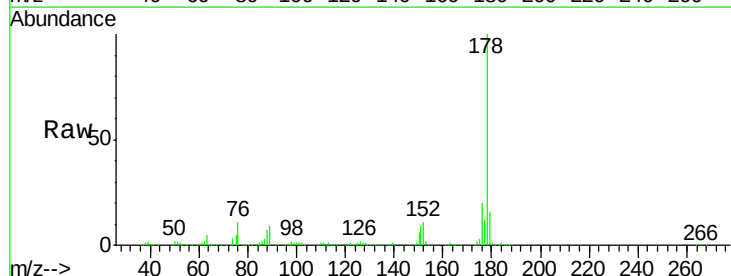


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

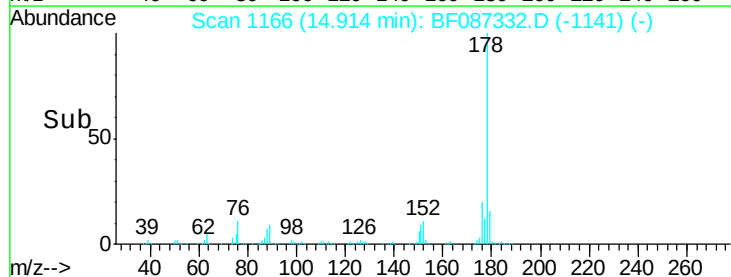
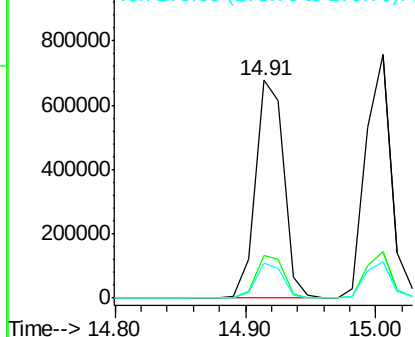


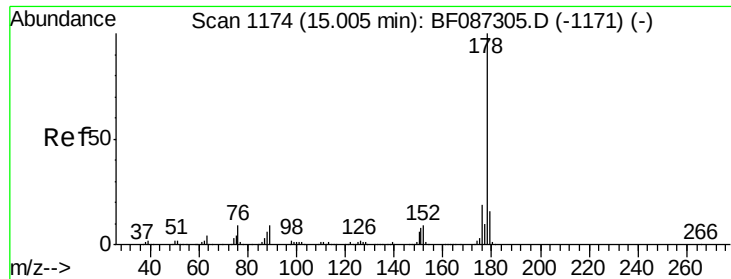
#70
 Phenanthrene
 Concen: 37.60 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion: 178 Resp: 1026450
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 15.8 12.6 18.8



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





#71

Anthracene

Concen: 37.99 ng

RT: 15.01 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

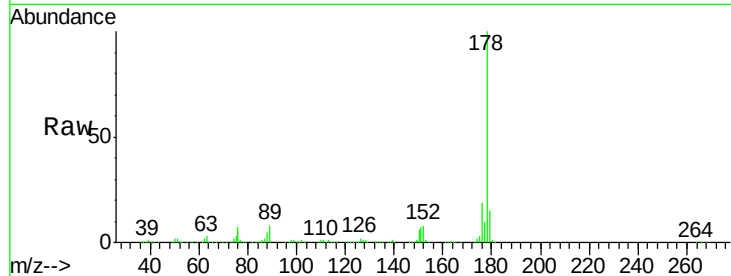
BNA_F

ClientSampleId :

SB-22-COMPMSD

Tgt Ion:178 Resp: 1047710

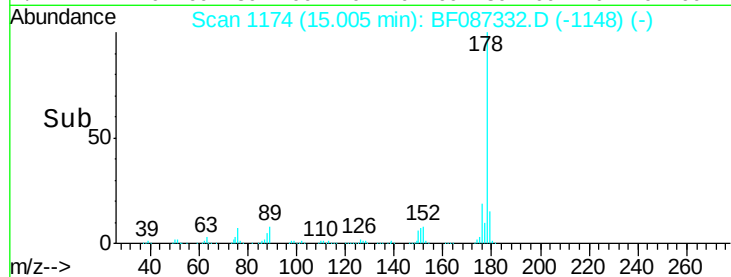
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.1	12.7	19.1



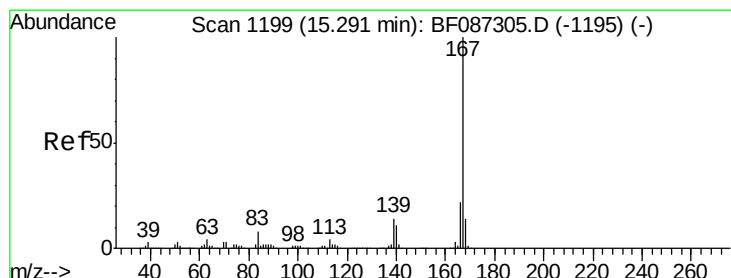
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 39.30 ng

RT: 15.29 min Scan# 1199

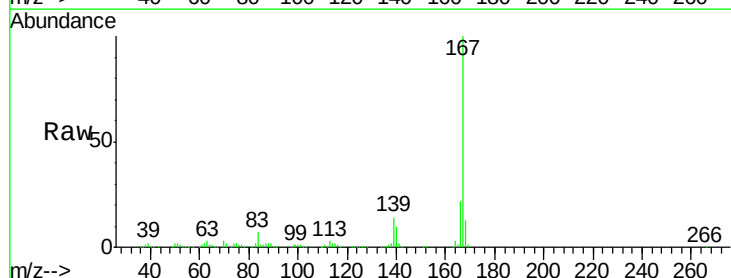
Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Tgt Ion:167 Resp: 924401

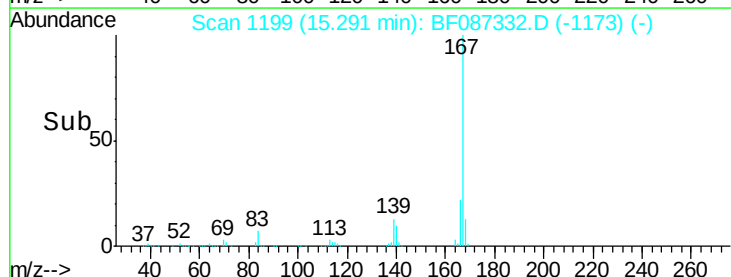
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	13.7	10.8	16.2



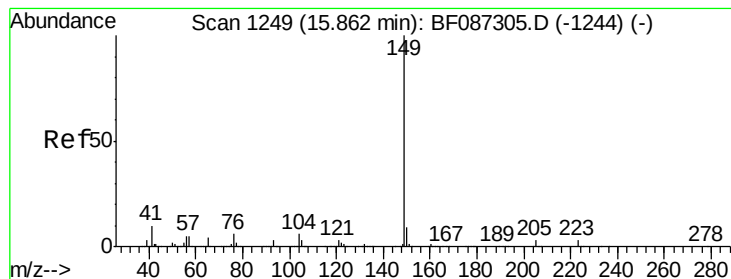
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#73

Di-n-butylphthalate

Concen: 37.85 ng

RT: 15.85 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD

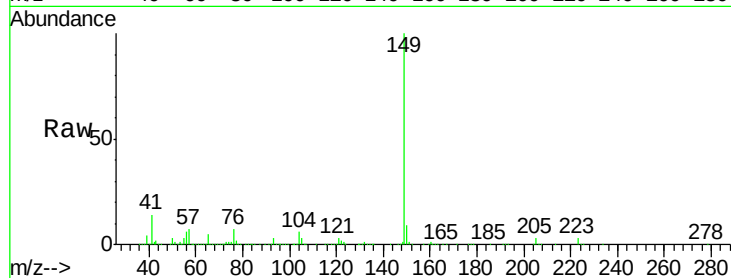
Tgt Ion:149 Resp: 1151571

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

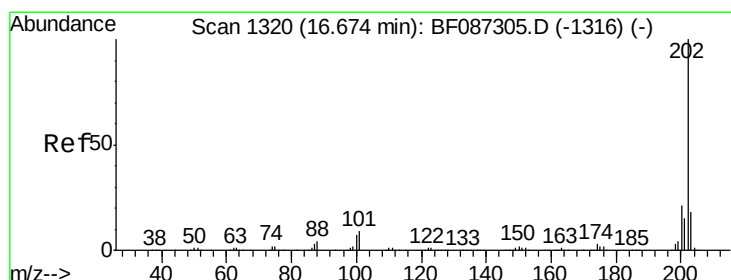
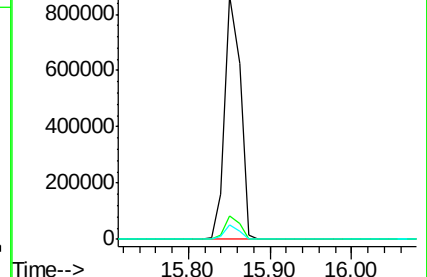
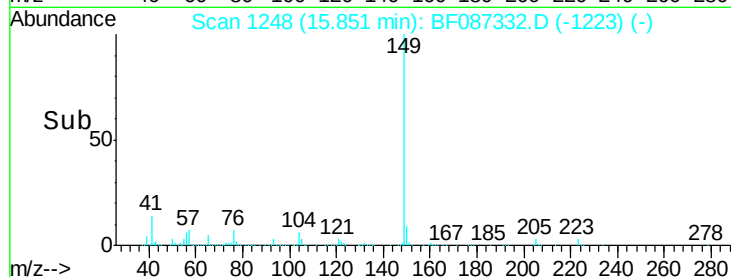
104 6.2 3.8 5.6#



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: 35.76 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

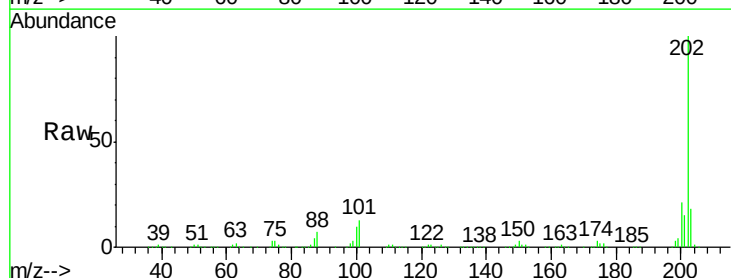
Tgt Ion:202 Resp: 978978

Ion Ratio Lower Upper

202 100

101 13.0 0.0 35.4

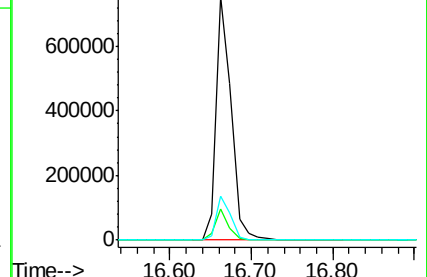
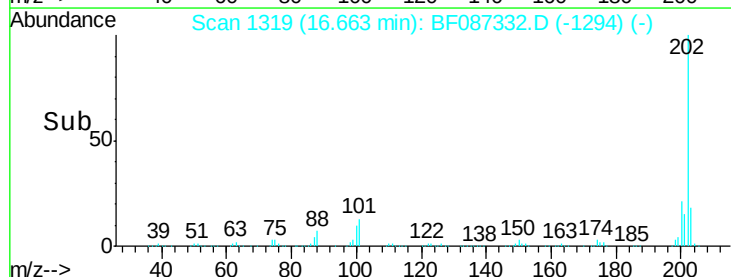
203 17.8 0.0 38.1

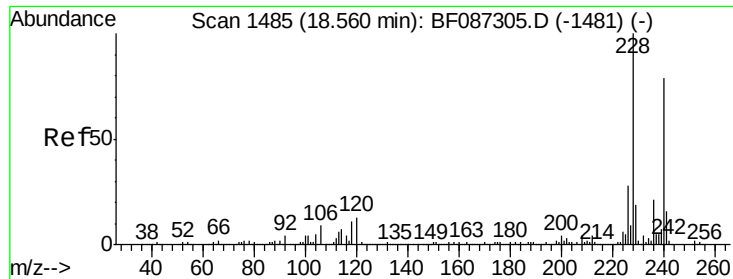


Abundance Ion 202.00 (201.70 to 202.70): E

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: 18.56 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD

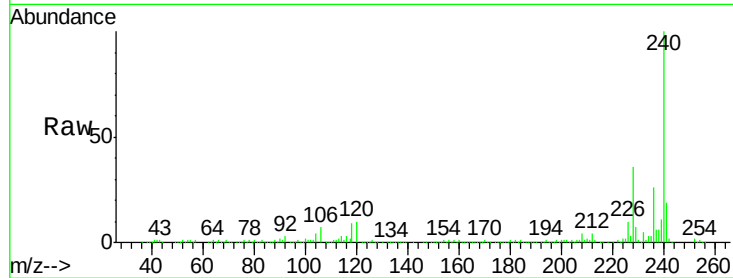
Tgt Ion:240 Resp: 336672

Ion Ratio Lower Upper

240 100

120 10.4 11.2 16.8#

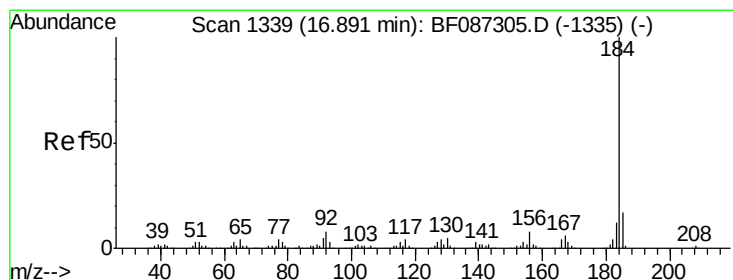
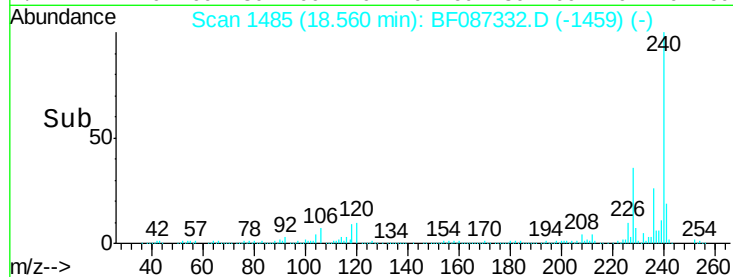
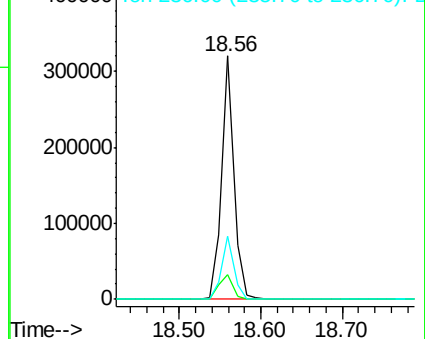
236 26.1 21.2 31.8



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: 29.58 ng

RT: 16.90 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

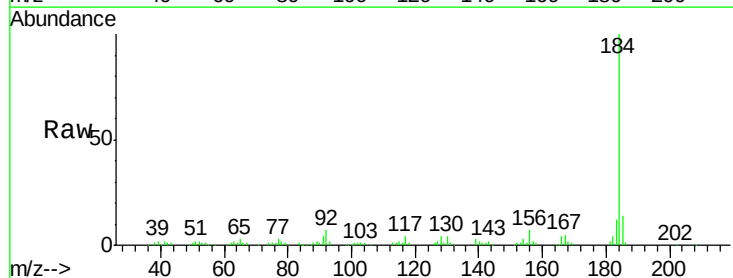
Tgt Ion:184 Resp: 256268

Ion Ratio Lower Upper

184 100

185 14.1 13.6 20.4

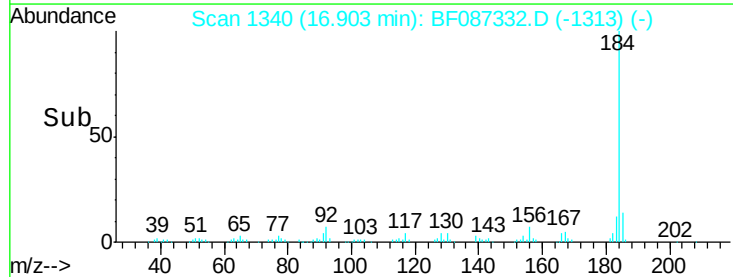
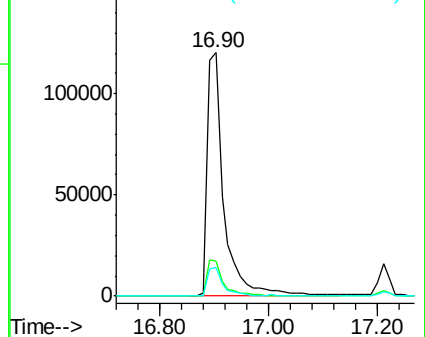
183 11.6 9.8 14.6

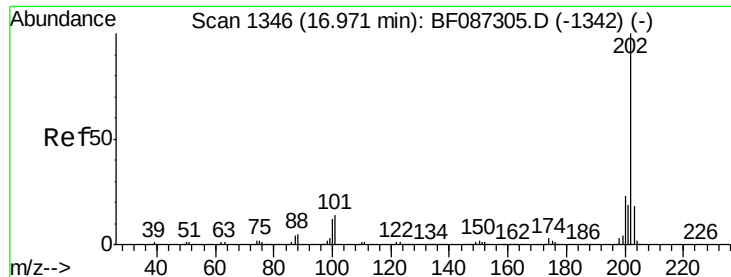


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.31 ng

RT: 16.97 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD

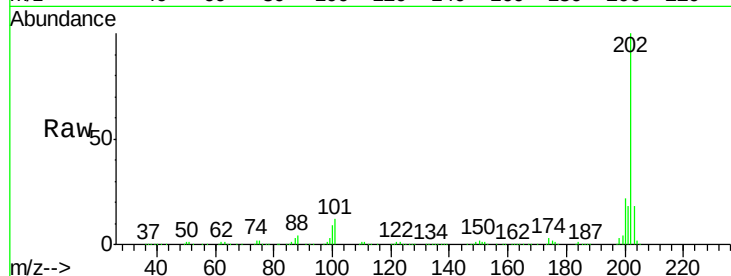
Tgt Ion:202 Resp: 1001194

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

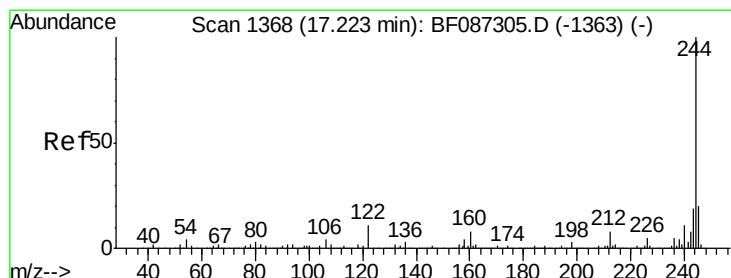
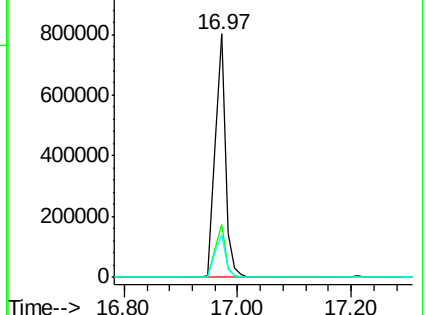
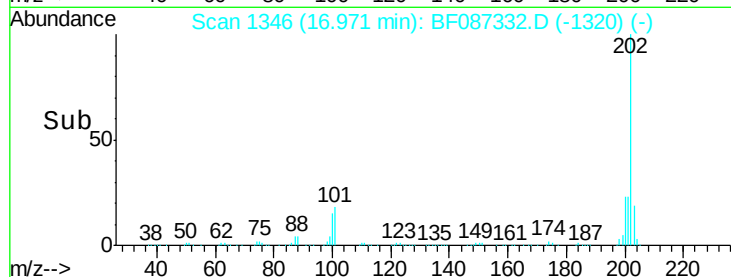
203 17.8 14.2 21.4



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: 79.06 ng

RT: 17.21 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

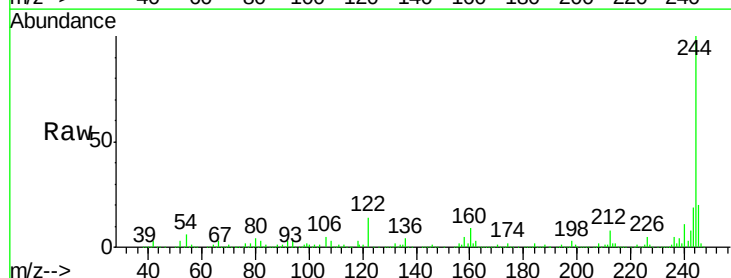
Tgt Ion:244 Resp: 1251919

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

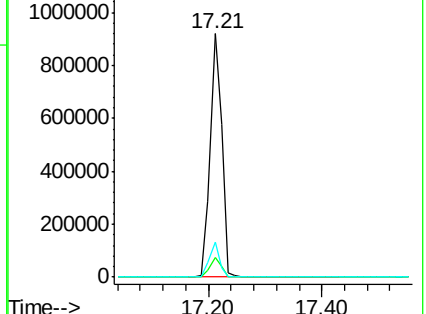
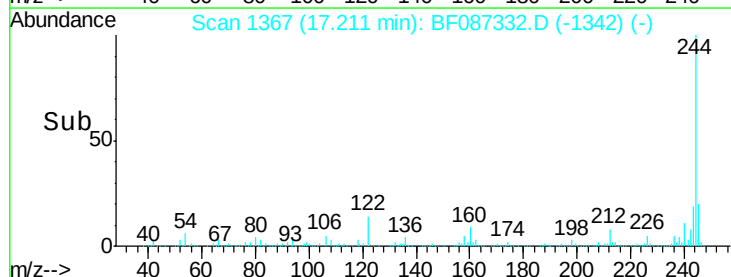
122 14.2 12.0 18.0

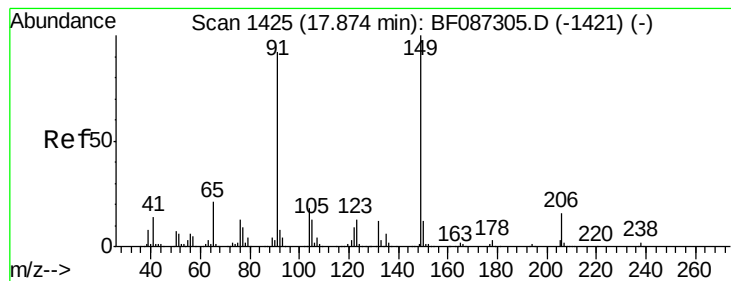


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.03 ng

RT: 17.87 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD

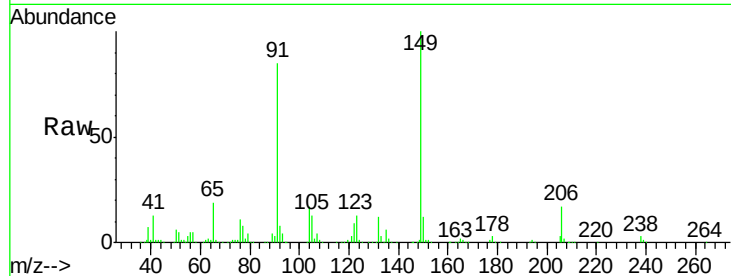
Tgt Ion:149 Resp: 440966

Ion Ratio Lower Upper

149 100

91 84.7 48.0 72.0#

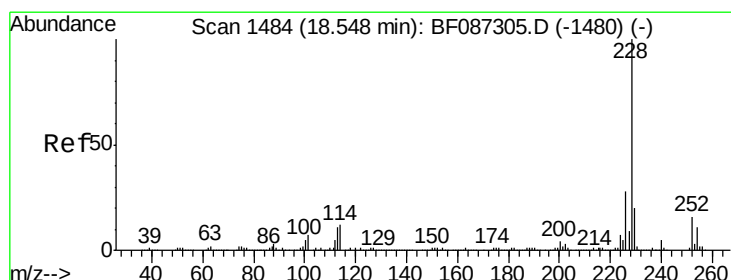
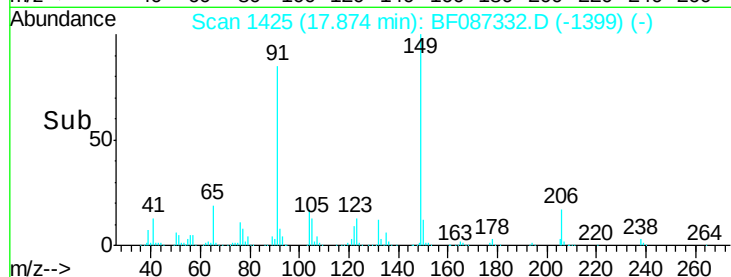
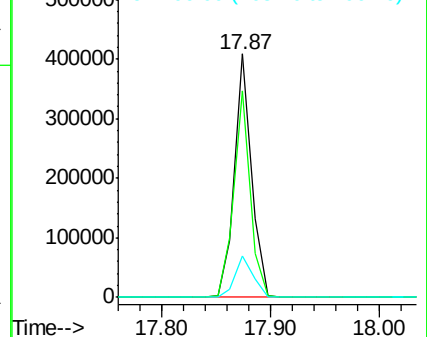
206 17.2 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.38 ng

RT: 18.55 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

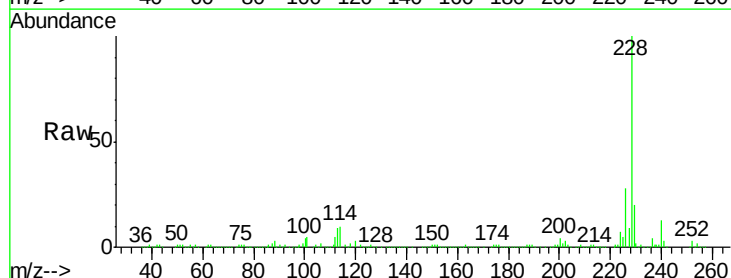
Tgt Ion:228 Resp: 734988

Ion Ratio Lower Upper

228 100

226 28.3 22.5 33.7

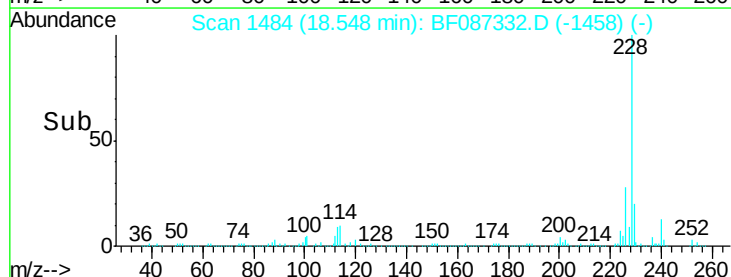
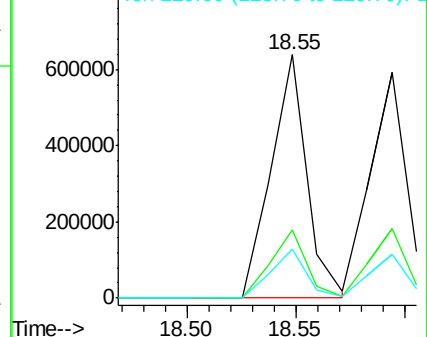
229 20.2 16.6 25.0

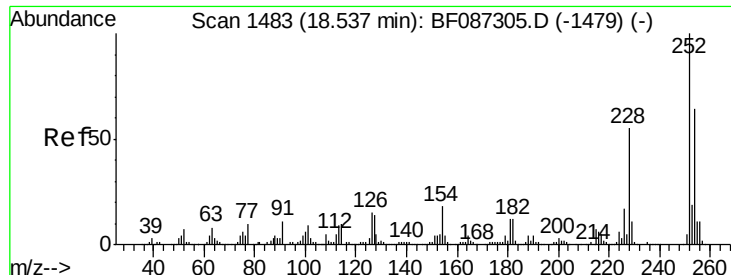


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

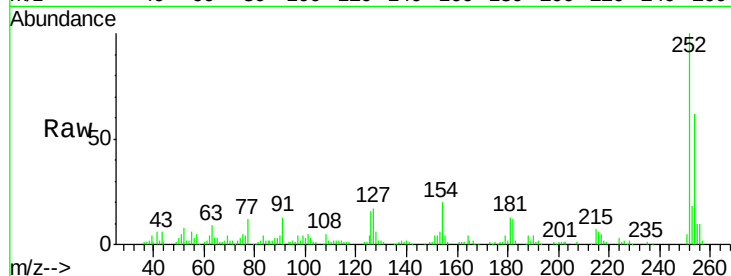




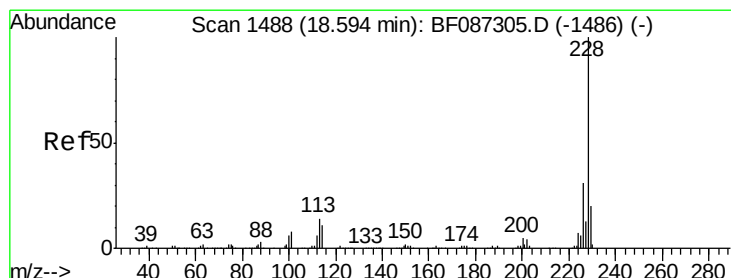
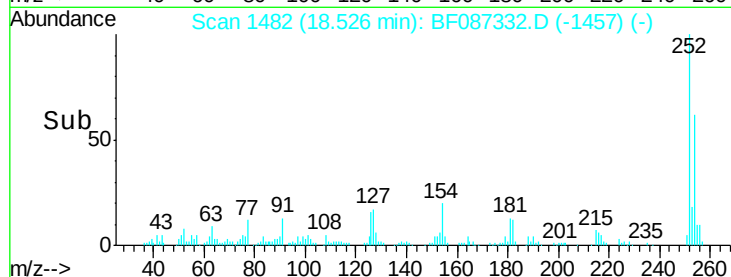
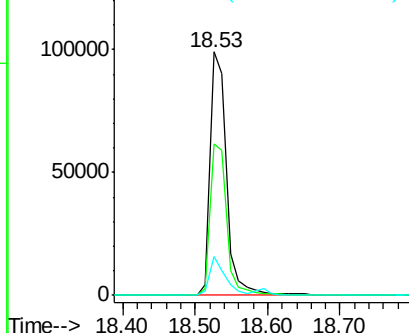
#81
 3,3'-Dichlorobenzidine
 Concen: 14.70 ng
 RT: 18.53 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.2	50.7	76.1
126	15.9	12.7	19.1

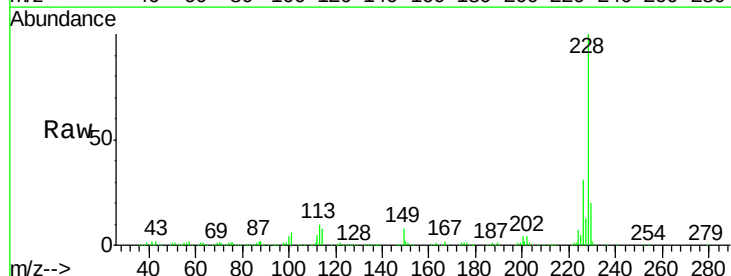


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

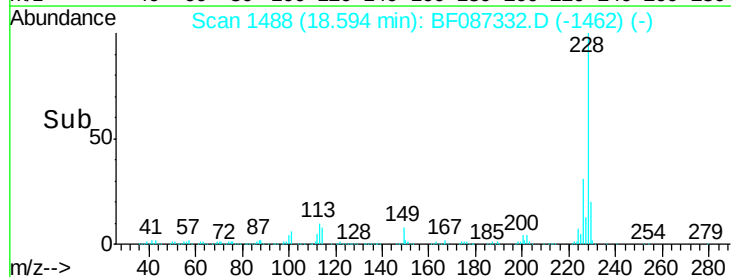
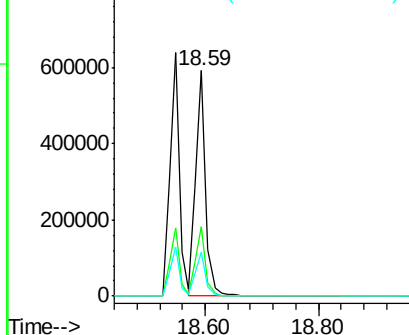


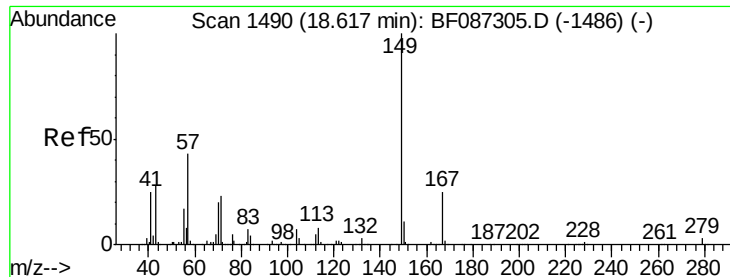
#82
 Chrysene
 Concen: 37.73 ng
 RT: 18.59 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	19.5	15.8	23.8



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

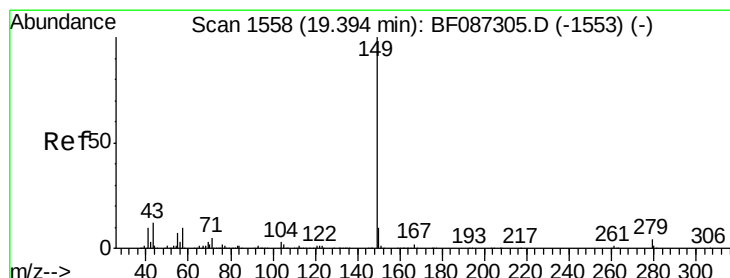
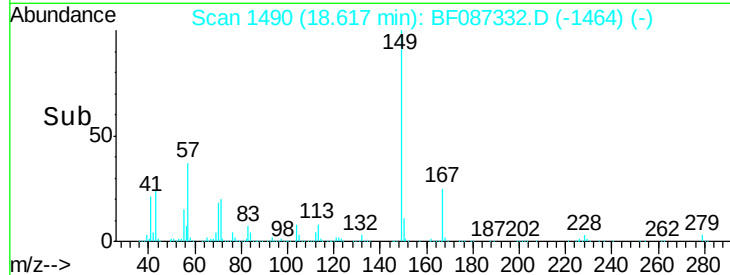
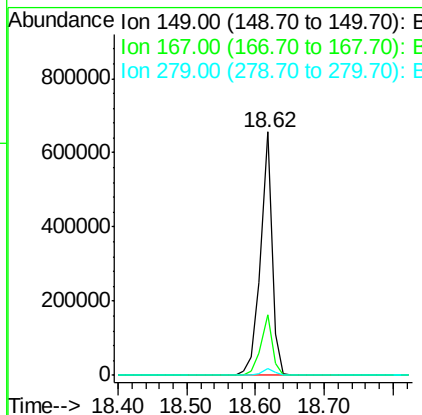
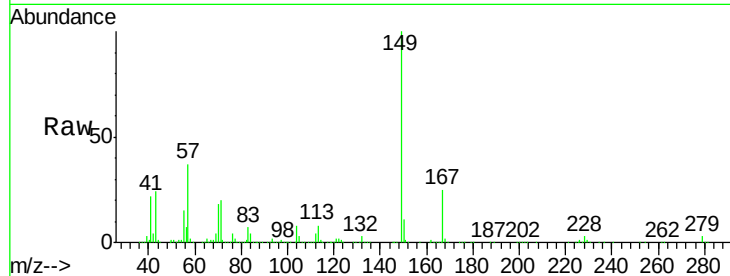




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.64 ng
 RT: 18.62 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

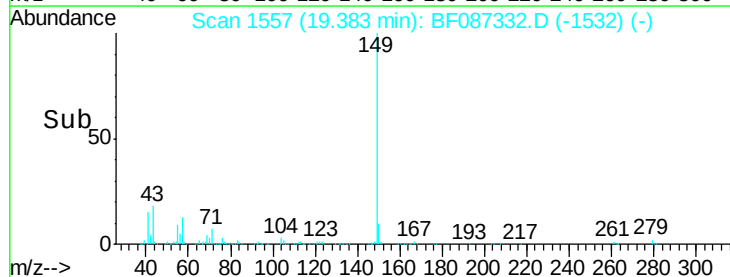
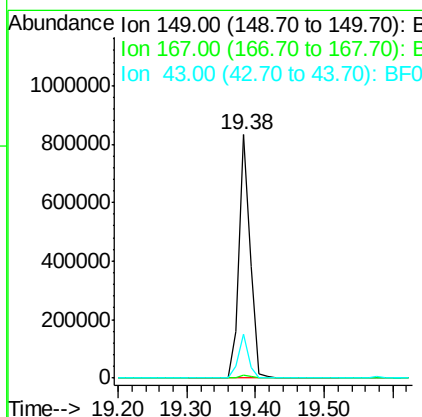
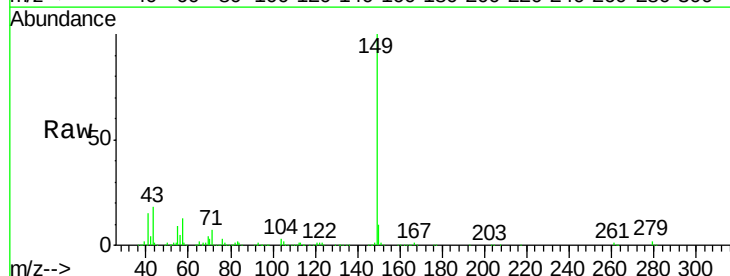
Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

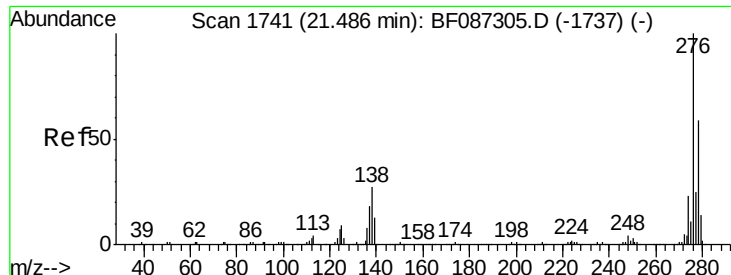
Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.8	32.6
279	2.7	2.6	4.0



#84
 Di-n-octyl phthalate
 Concen: 40.32 ng
 RT: 19.38 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	16.6	8.2	12.4

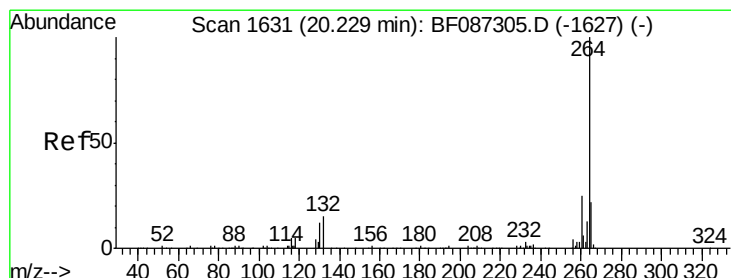
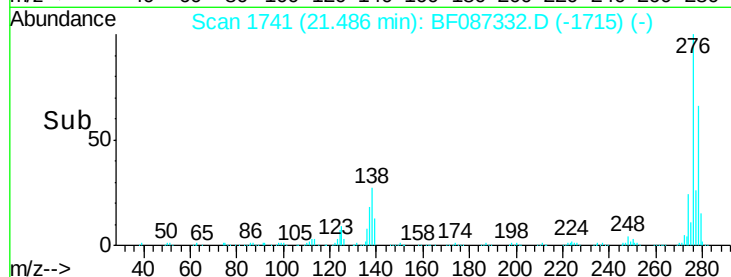
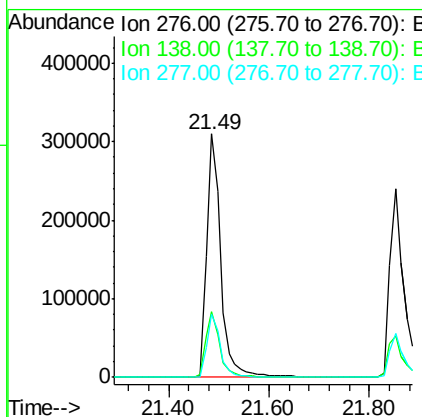
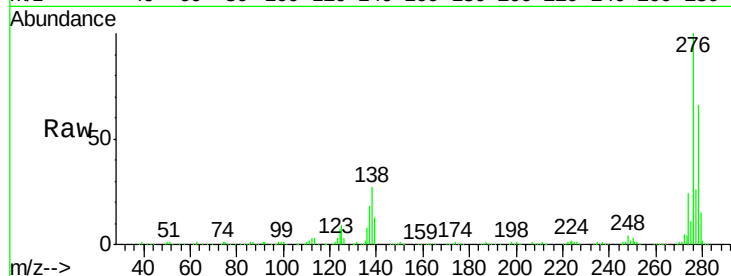




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.63 ng
 RT: 21.49 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

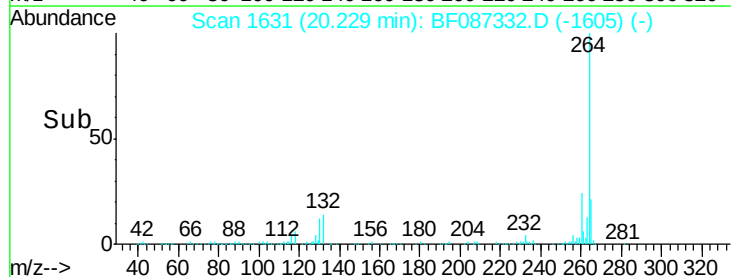
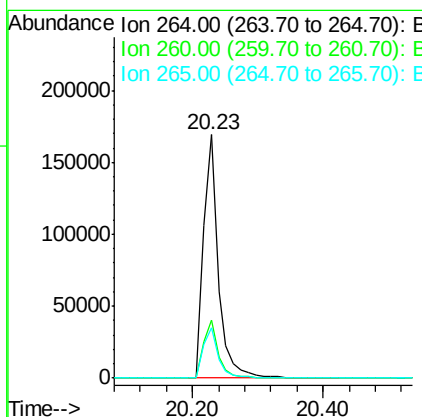
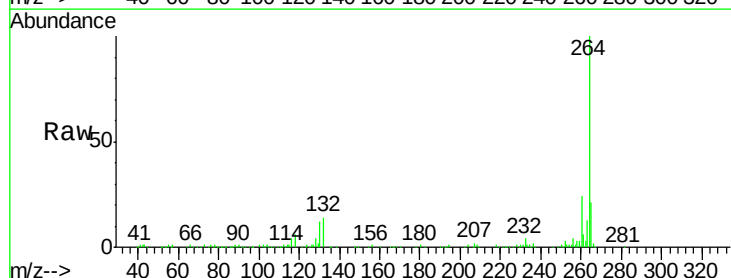
Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

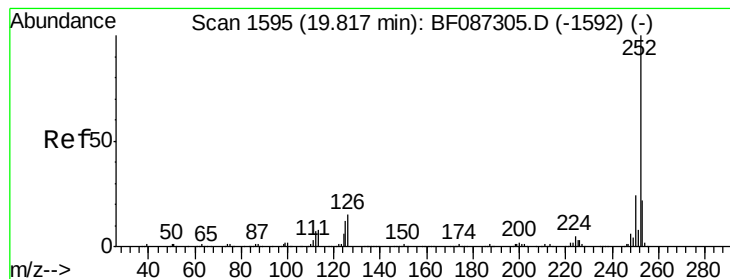
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.6	38.4
277	25.4	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.23 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 71.39 ng

RT: 19.82 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD

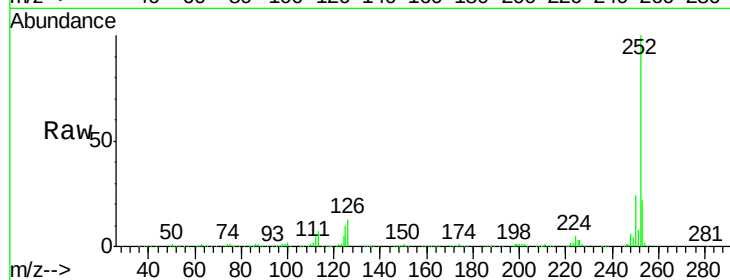
Tgt Ion:252 Resp: 1197254

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

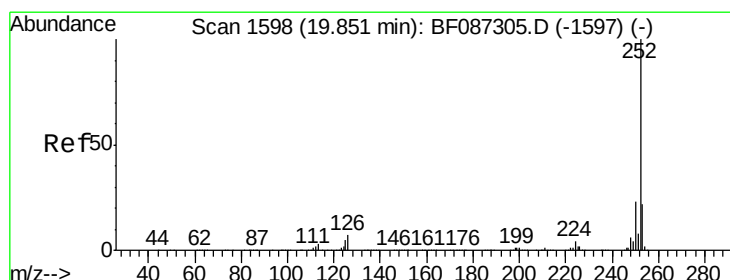
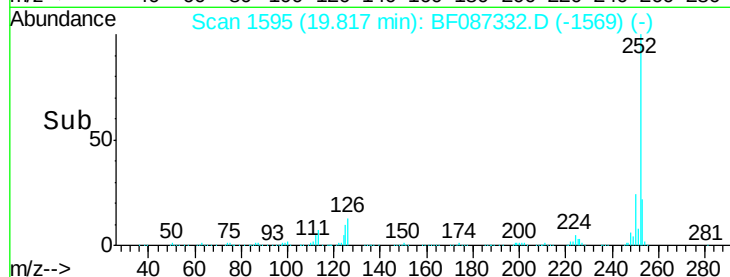
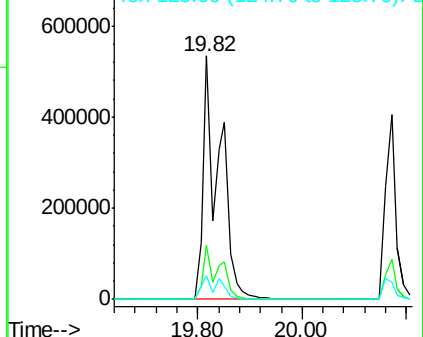
125 9.8 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 83.01 ng

RT: 19.82 min Scan# 1595

Delta R.T. -0.03 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

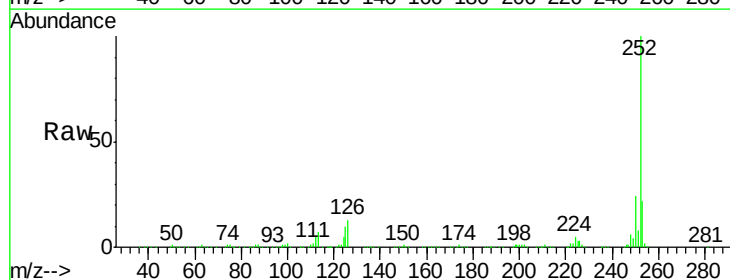
Tgt Ion:252 Resp: 1198363

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

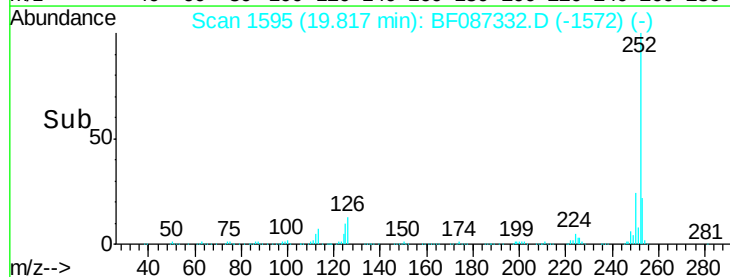
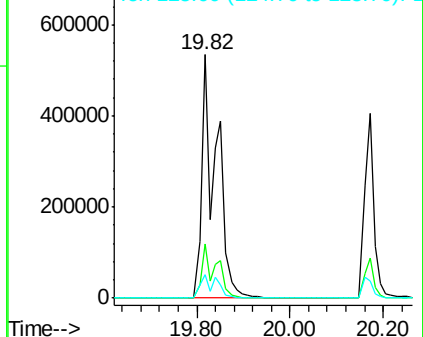
125 9.8 9.1 13.7

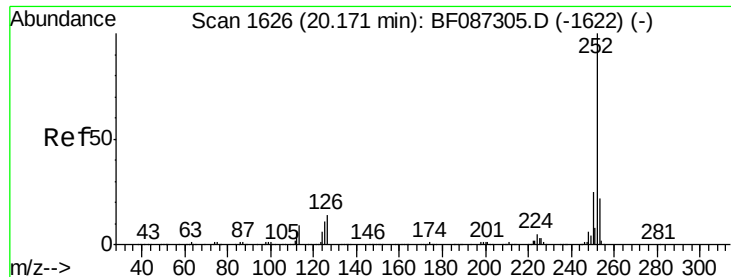


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.37 ng

RT: 20.17 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD

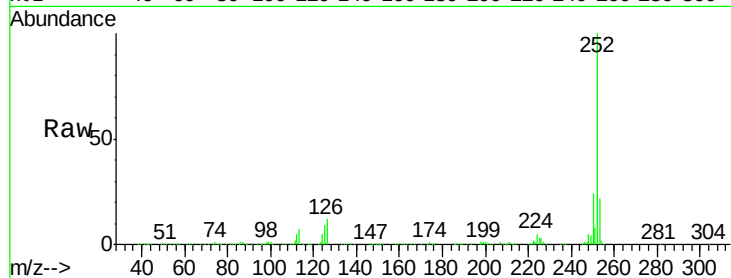
Tgt Ion:252 Resp: 571125

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

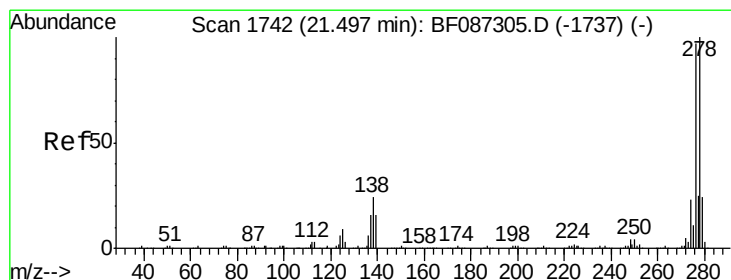
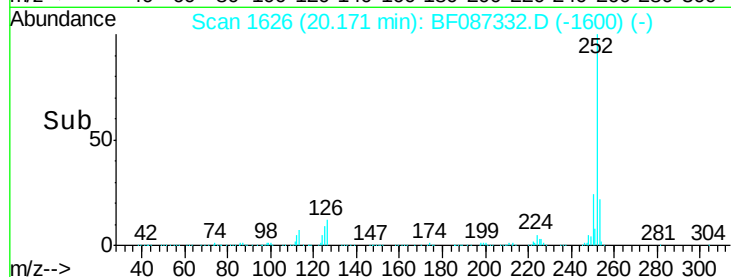
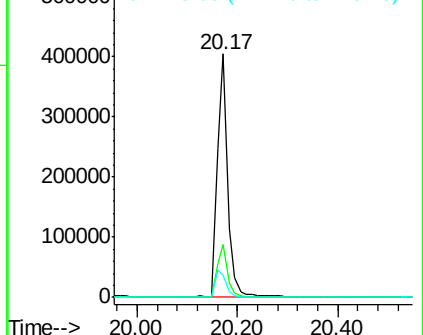
125 9.3 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.32 ng

RT: 21.50 min Scan# 1742

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

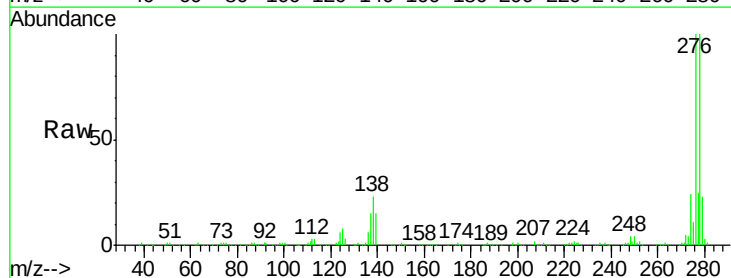
Tgt Ion:278 Resp: 511225

Ion Ratio Lower Upper

278 100

139 15.2 16.6 24.8#

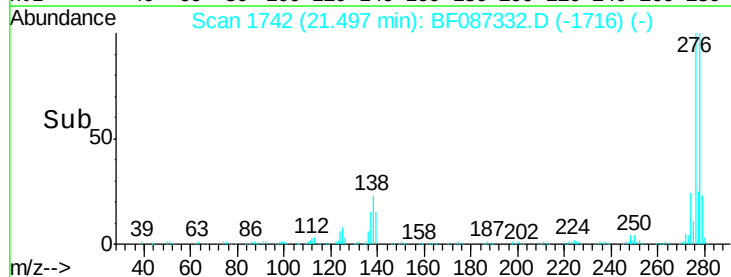
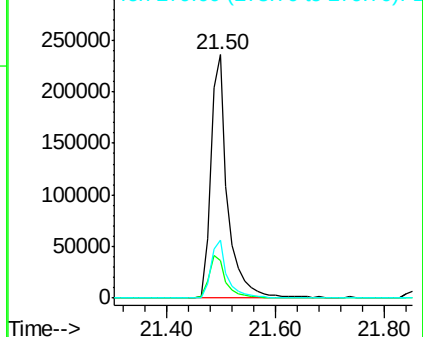
279 23.6 19.6 29.4

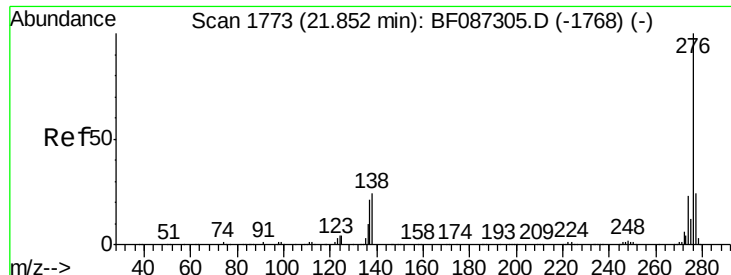


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 41.71 ng
 RT: 21.85 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.6	29.4
138	22.1	23.6	35.4

