

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087331.D
 Acq On : 24 May 2016 8:59
 Operator : UM/SJ
 Sample : H3168-08MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

Quant Time: May 24 18:47:24 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	135684	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	568138	20.00	ng	0.00
38) Acenaphthene-d10	12.48	164	269342	20.00	ng	0.00
63) Phenanthrene-d10	14.88	188	487572	20.00	ng	0.00
75) Chrysene-d12	18.56	240	346651	20.00	ng	0.00
86) Perylene-d12	20.23	264	264081	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	983024	127.31	ng	0.02
7) Phenol-d6	7.16	99	1246504	119.47	ng	0.00
23) Nitrobenzene-d5	8.54	82	881001	78.15	ng	0.00
41) 2,4,6-Tribromophenol	13.78	330	289036	111.67	ng	0.00
44) 2-Fluorobiphenyl	11.43	172	1394527	72.99	ng	0.00
78) Terphenyl-d14	17.21	244	1182627	72.53	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	119017	29.21	ng	# 66
3) Pyridine	2.62	79	319260	35.84	ng	# 55
4) n-Nitrosodimethylamine	2.59	42	275182	40.09	ng	# 51
6) Aniline	7.12	93	299263	22.17	ng	93
8) 2-Chlorophenol	7.30	128	395997	41.12	ng	94
9) Benzaldehyde	6.94	77	95170	16.52	ng	98
10) Phenol	7.19	94	494026	43.36	ng	88
11) bis(2-Chloroethyl)ether	7.26	93	372883	40.44	ng	88
12) 1,3-Dichlorobenzene	7.64	146	412356	39.26	ng	96
13) 1,4-Dichlorobenzene	7.64	146	412583	38.26	ng	97
14) 1,2-Dichlorobenzene	7.87	146	396690	39.77	ng	99
15) Benzyl Alcohol	7.91	79	348994	45.88	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.11	45	797325	38.43	ng	96
17) 2-Methylphenol	8.12	107	322932	41.85	ng	# 90
18) Hexachloroethane	8.39	117	152080	37.81	ng	97
19) n-Nitroso-di-n-propylamine	8.33	70	319722	41.09	ng	# 70
20) 3+4-Methylphenols	8.39	107	422150	45.25	ng	# 60
22) Acetophenone	8.30	105	577864	42.57	ng	# 97
24) Nitrobenzene	8.56	77	467508	39.29	ng	98
25) Isophorone	8.95	82	803847	39.76	ng	97
26) 2-Nitrophenol	9.06	139	199777	41.07	ng	# 72
27) 2,4-Dimethylphenol	9.20	122	329507	39.02	ng	# 84
28) bis(2-Chloroethoxy)methane	9.34	93	495291	43.49	ng	99
29) 2,4-Dichlorophenol	9.48	162	327250	43.00	ng	98
30) 1,2,4-Trichlorobenzene	9.56	180	342730	39.34	ng	96
31) Naphthalene	9.68	128	1135614	39.89	ng	100
32) Benzoic acid	9.47	122	47849	15.49	ng	# 71
33) 4-Chloroaniline	9.84	127	126185	12.03	ng	94
34) Hexachlorobutadiene	9.88	225	199368	37.65	ng	98
35) Caprolactam	10.44	113	52964	23.85	ng	# 48
36) 4-Chloro-3-methylphenol	10.68	107	351861	40.90	ng	88
37) 2-Methylnaphthalene	10.81	142	729365	41.01	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.08	216	319464	37.05	ng	98
40) Hexachlorocyclopentadiene	11.05	237	224412	65.23	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087331.D
 Acq On : 24 May 2016 8:59
 Operator : UM/SJ
 Sample : H3168-08MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

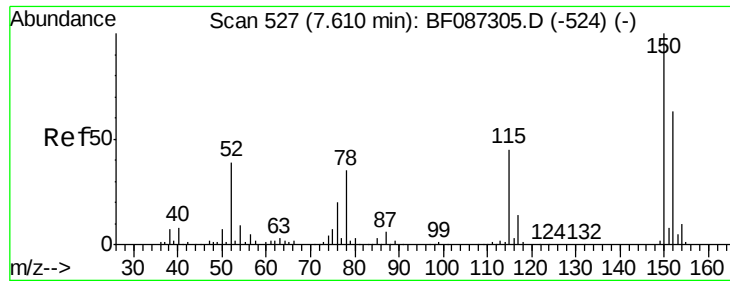
Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

Quant Time: May 24 18:47:24 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)

42) 2,4,6-Trichlorophenol	11.30	196	198675	39.92	ng	97
43) 2,4,5-Trichlorophenol	11.39	196	205340	40.52	ng #	93
45) 1,1'-Biphenyl	11.58	154	883859	38.98	ng	97
46) 2-Chloronaphthalene	11.59	162	658631	37.96	ng	92
47) 2-Nitroaniline	11.80	65	248279	39.72	ng #	74
48) Acenaphthylene	12.25	152	1057835	38.51	ng	99
49) Dimethylphthalate	12.14	163	955780	44.30	ng	99
50) 2,6-Dinitrotoluene	12.23	165	176712	40.65	ng #	86
51) Acenaphthene	12.54	154	640578	37.94	ng	98
52) 3-Nitroaniline	12.49	138	106195	23.80	ng #	90
53) 2,4-Dinitrophenol	12.68	184	111626	52.61	ng #	80
54) Dibenzofuran	12.82	168	944529	41.32	ng	98
55) 4-Nitrophenol	12.87	139	170242	79.98	ng #	64
56) 2,4-Dinitrotoluene	12.88	165	226409	38.96	ng #	91
57) Fluorene	13.37	166	736828	37.18	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.05	232	169531	43.49	ng	98
59) Diethylphthalate	13.28	149	791903	37.75	ng	99
60) 4-Chlorophenyl-phenylether	13.39	204	357162	36.95	ng	98
61) 4-Nitroaniline	13.50	138	146141	35.09	ng #	74
62) Azobenzene	13.66	77	925414	42.52	ng	87
64) 4,6-Dinitro-2-methylphenol	13.54	198	113041	36.46	ng #	39
65) n-Nitrosodiphenylamine	13.61	169	632526	40.11	ng	99
66) 4-Bromophenyl-phenylether	14.18	248	201010	37.68	ng	99
67) Hexachlorobenzene	14.25	284	208487	37.37	ng #	67
68) Atrazine	14.53	200	206233	41.03	ng	95
69) Pentachlorophenol	14.62	266	135056	78.06	ng	96
70) Phenanthrene	14.91	178	1039951	38.51	ng	100
71) Anthracene	15.01	178	1056810	38.74	ng	99
72) Carbazole	15.29	167	963491	41.41	ng	99
73) Di-n-butylphthalate	15.85	149	1184180	39.35	ng #	98
74) Fluoranthene	16.66	202	1005253	37.12	ng	97
76) Benzidine	16.89	184	267657	30.01	ng	97
77) Pyrene	16.97	202	1012878	40.59	ng	100
79) Butylbenzylphthalate	17.87	149	454701	41.09	ng #	74
80) Benzo(a)anthracene	18.55	228	765348	38.81	ng	99
81) 3,3'-Dichlorobenzidine	18.53	252	172275	15.82	ng	99
82) Chrysene	18.59	228	732507	37.43	ng	100
83) Bis(2-ethylhexyl)phthalate	18.62	149	746221	46.21	ng	97
84) Di-n-octyl phthalate	19.38	149	997548	40.51	ng #	86
85) Indeno(1,2,3-cd)pyrene	21.49	276	620801	39.57	ng	95
87) Benzo(b)fluoranthene	19.82	252	1240720	73.76	ng #	96
88) Benzo(k)fluoranthene	19.82	252	1241465	85.74	ng	99
89) Benzo(a)pyrene	20.17	252	582670	40.05	ng	97
90) Dibenzo(a,h)anthracene	21.50	278	529498	42.67	ng #	93
91) Benzo(g,h,i)perylene	21.85	276	519596	42.44	ng #	93

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

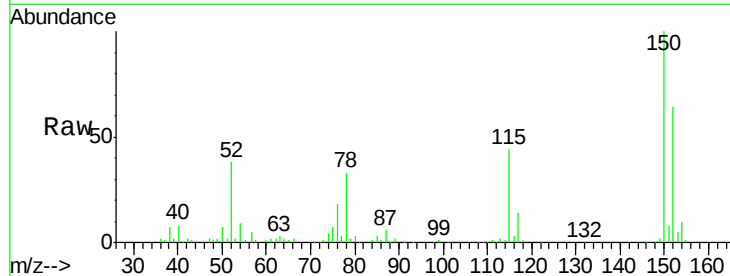


#1

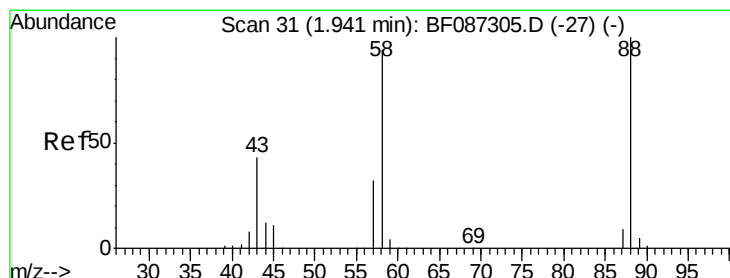
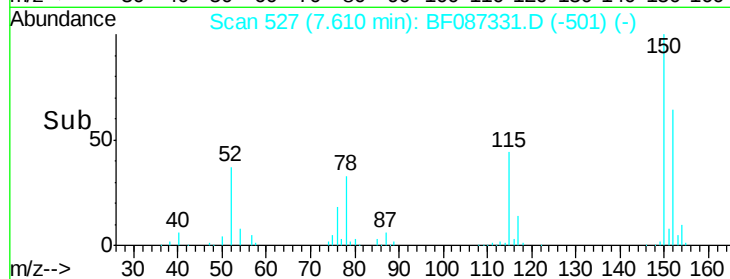
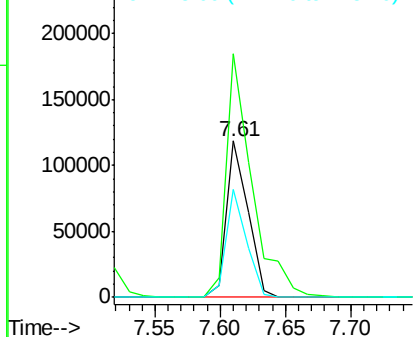
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

Tgt Ion: 152 Resp: 135684
Ion Ratio Lower Upper
152 100
150 156.1 125.8 188.6
115 69.0 51.5 77.3



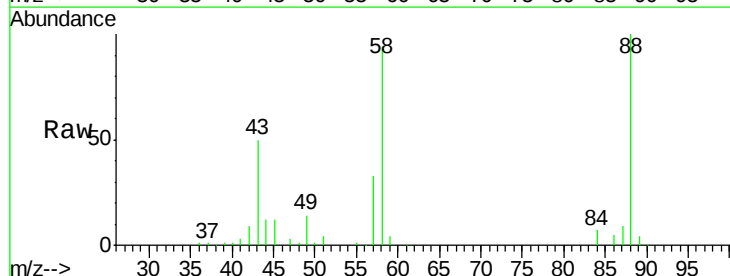
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



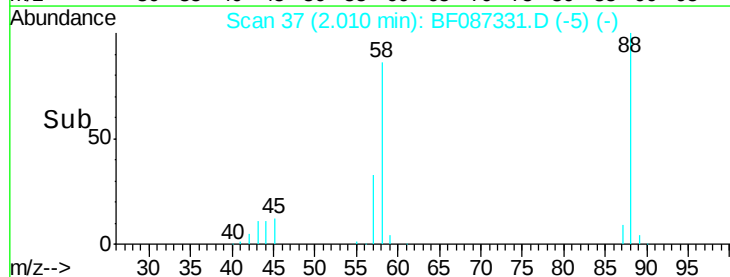
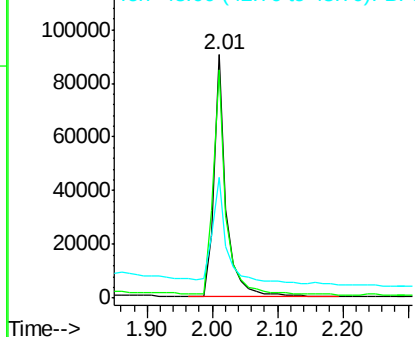
#2

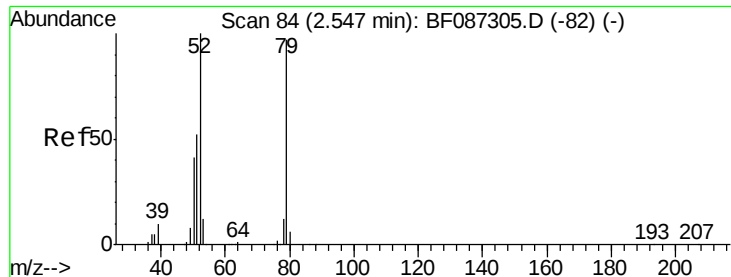
1,4-Dioxane
Concen: 29.21 ng
RT: 2.01 min Scan# 37
Delta R.T. 0.07 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion: 88 Resp: 119017
Ion Ratio Lower Upper
88 100
58 98.9 59.6 89.4#
43 51.7 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: 35.84 ng

RT: 2.62 min Scan# 90

Delta R.T. 0.07 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

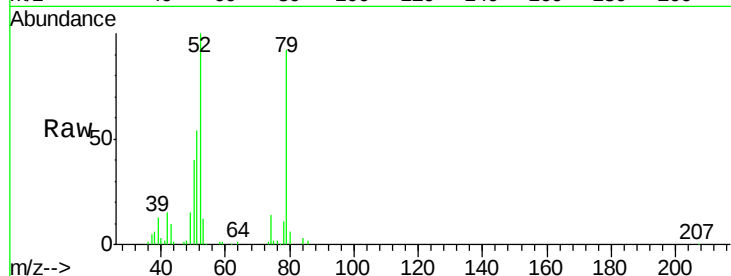
Tgt Ion: 79 Resp: 319260

Ion Ratio Lower Upper

79 100

52 108.4 55.9 83.9#

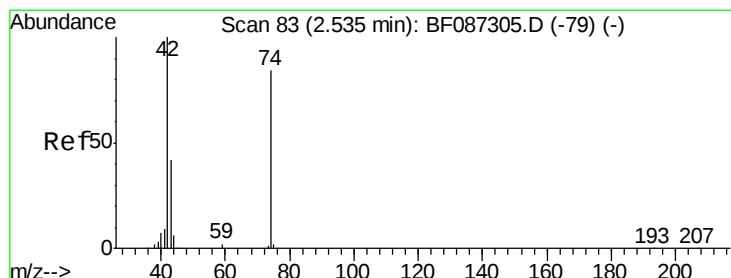
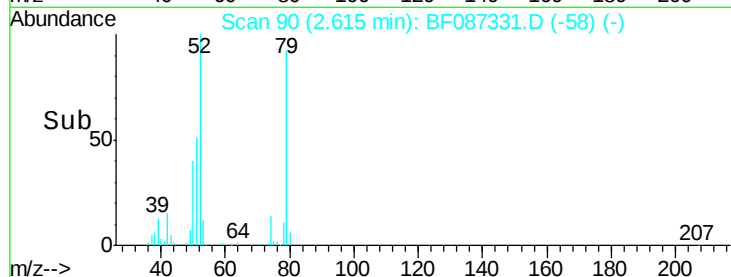
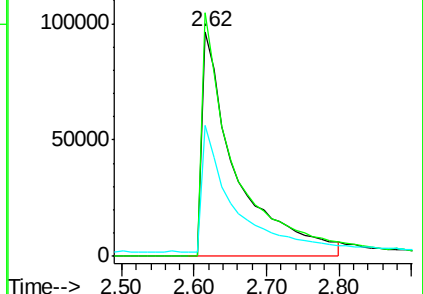
51 58.3 28.1 42.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.09 ng

RT: 2.59 min Scan# 88

Delta R.T. 0.06 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

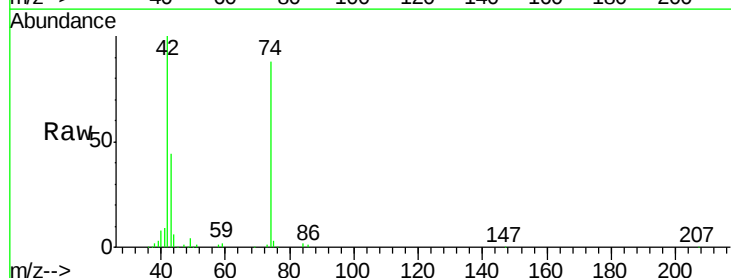
Tgt Ion: 42 Resp: 275182

Ion Ratio Lower Upper

42 100

74 87.8 123.4 185.0#

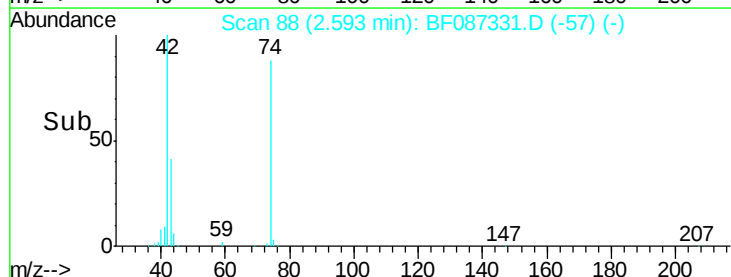
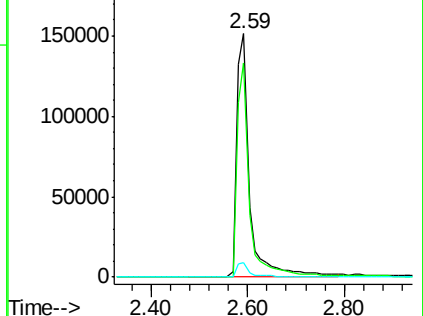
44 6.2 5.8 8.6

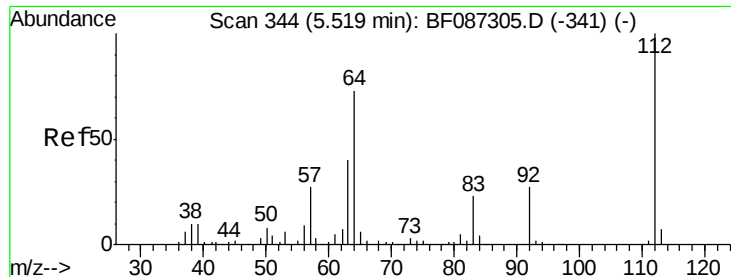


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 127.31 ng

RT: 5.54 min Scan# 346

Delta R.T. 0.02 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

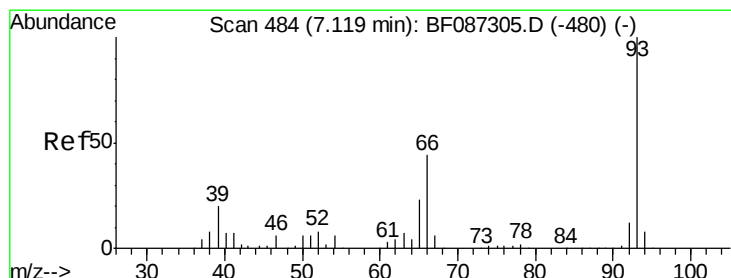
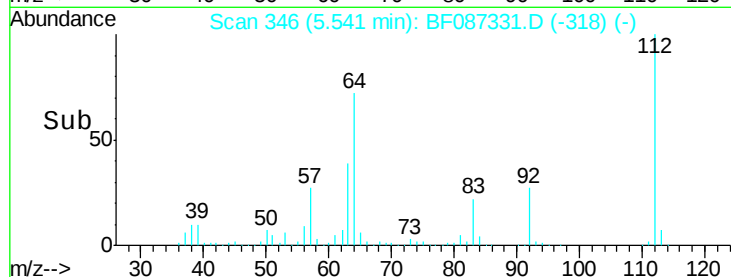
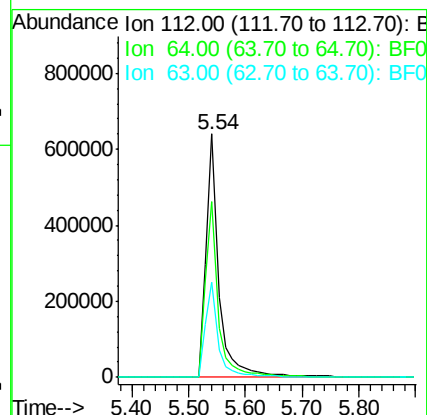
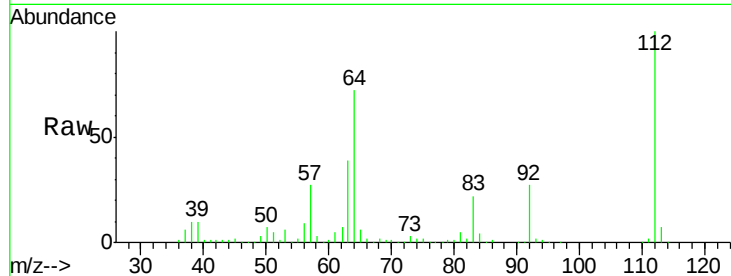
Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

Tgt Ion:	112	Resp:	983024
Ion	Ratio	Lower	Upper
112	100		
64	72.2	52.1	78.1
63	39.3	25.7	38.5#



#6

Aniline

Concen: 22.17 ng

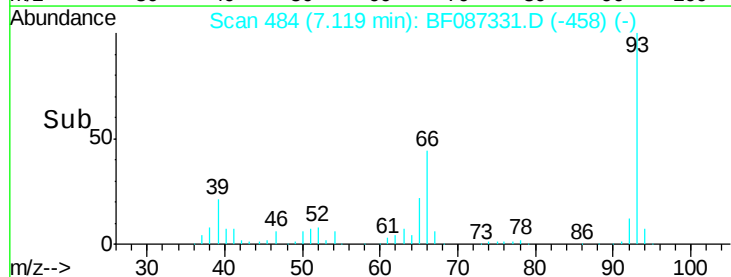
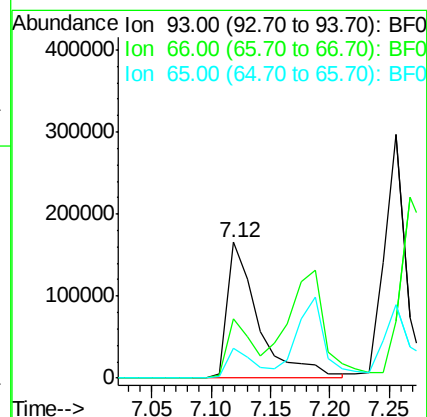
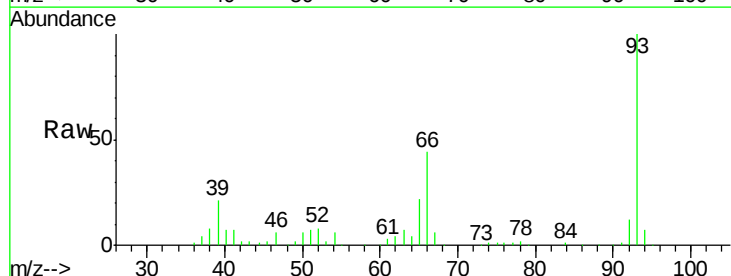
RT: 7.12 min Scan# 484

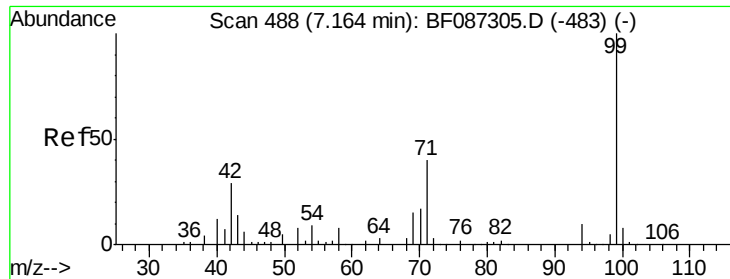
Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Tgt Ion:	93	Resp:	299263
Ion	Ratio	Lower	Upper
93	100		
66	44.1	39.0	58.6
65	22.0	20.6	31.0





#7

Phenol-d6

Concen: 119.47 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

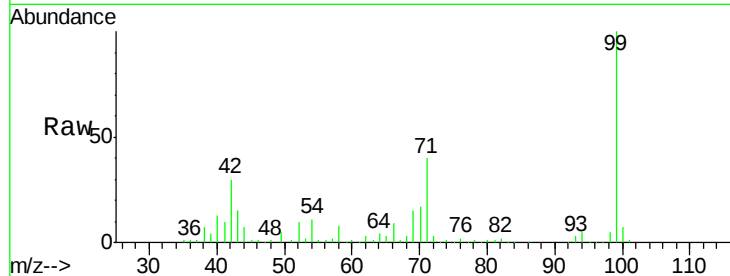
Tgt Ion: 99 Resp: 1246504

Ion Ratio Lower Upper

99 100

42 30.2 13.6 20.4#

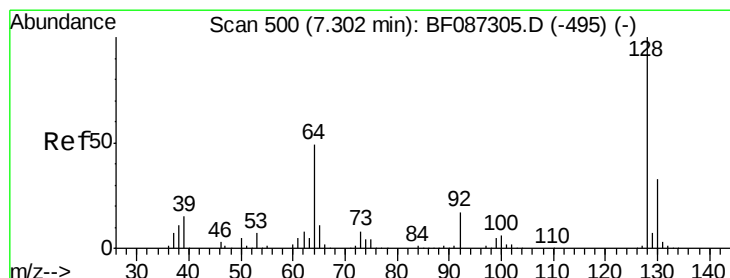
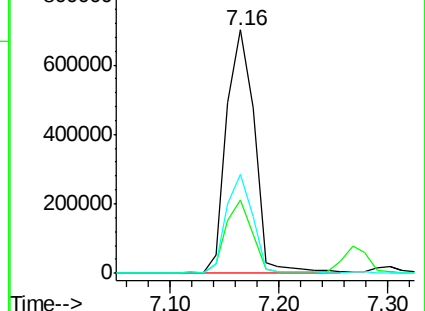
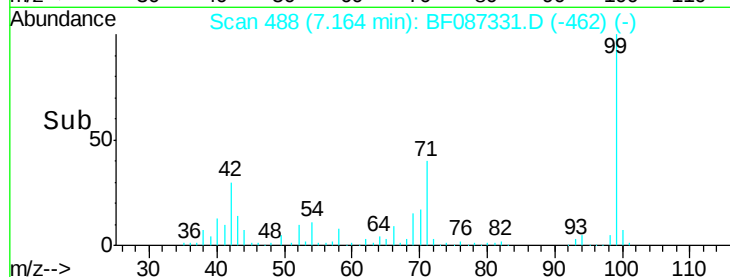
71 40.4 24.6 36.8#



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: 41.12 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

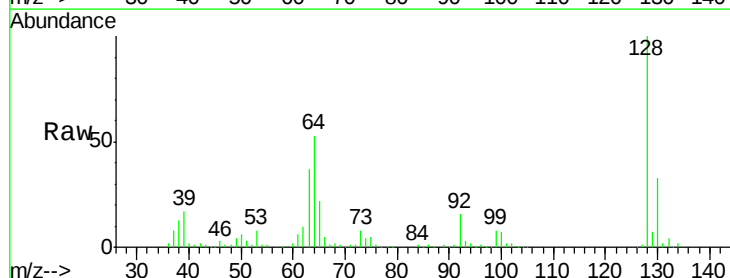
Tgt Ion: 128 Resp: 395997

Ion Ratio Lower Upper

128 100

130 33.2 12.5 52.5

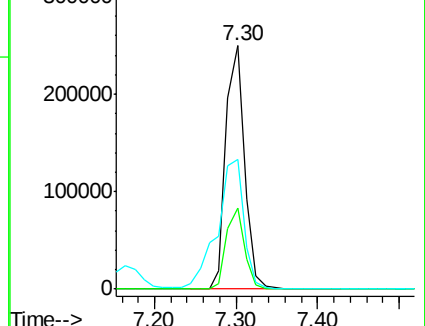
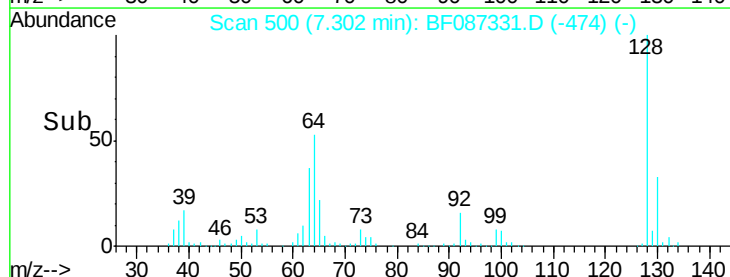
64 53.3 27.3 67.3

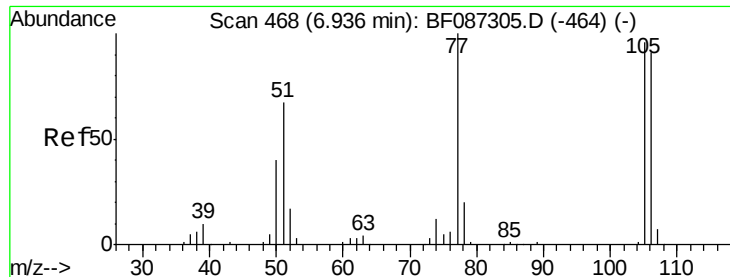


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.52 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

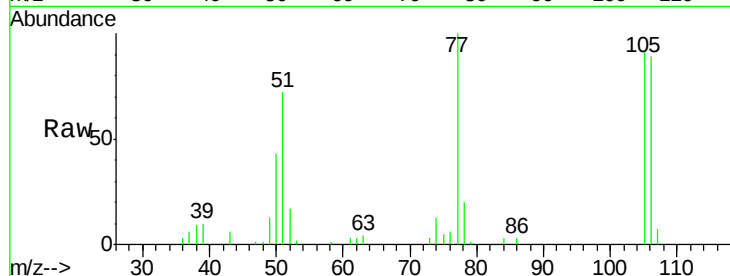
Tgt Ion: 77 Resp: 95170

Ion Ratio Lower Upper

77 100

105 91.1 72.7 112.7

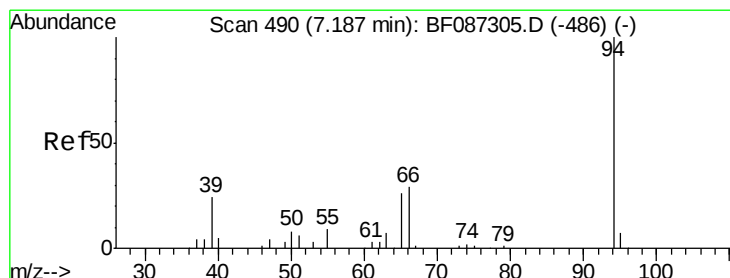
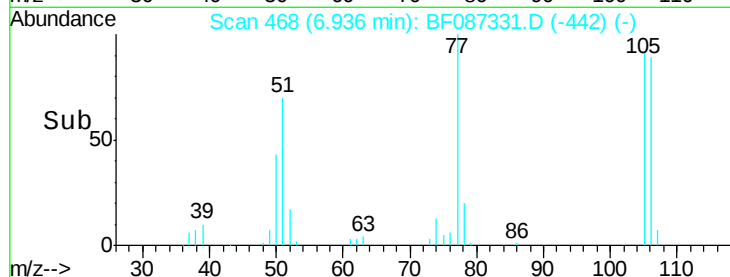
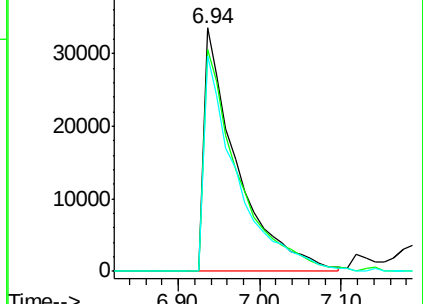
106 88.7 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.36 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

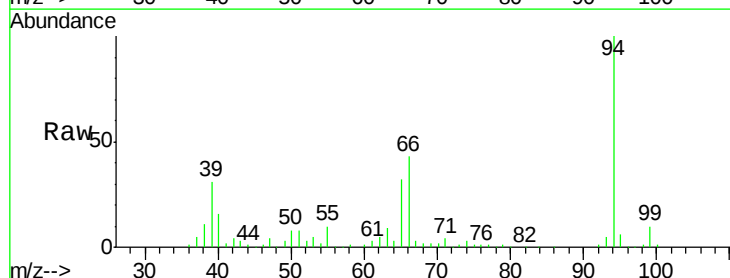
Tgt Ion: 94 Resp: 494026

Ion Ratio Lower Upper

94 100

65 32.2 7.2 47.2

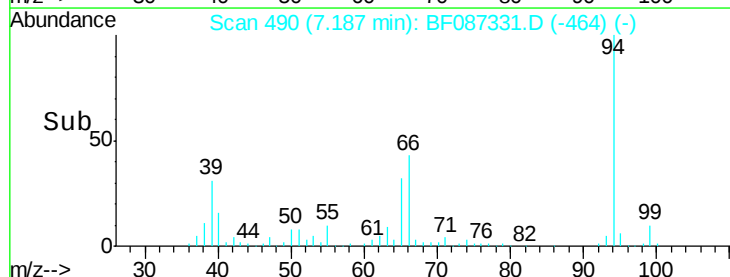
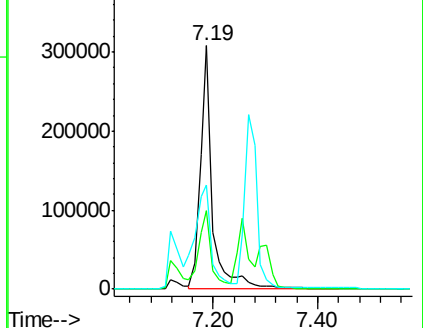
66 42.9 14.9 54.9

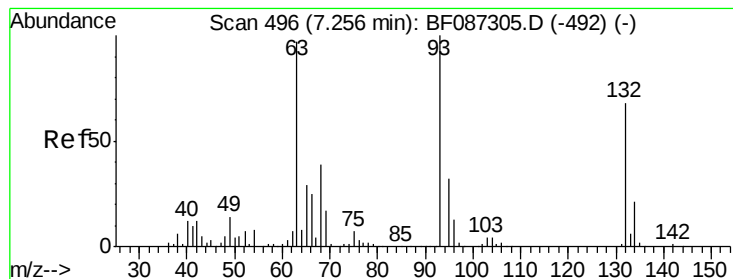


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

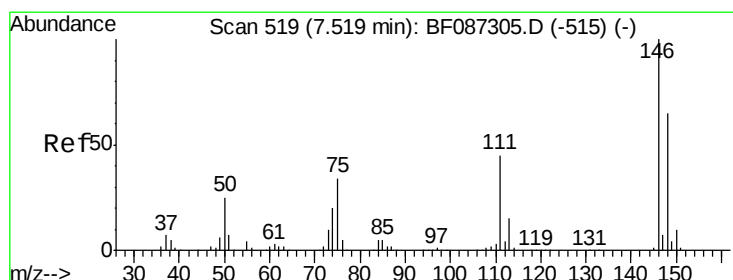
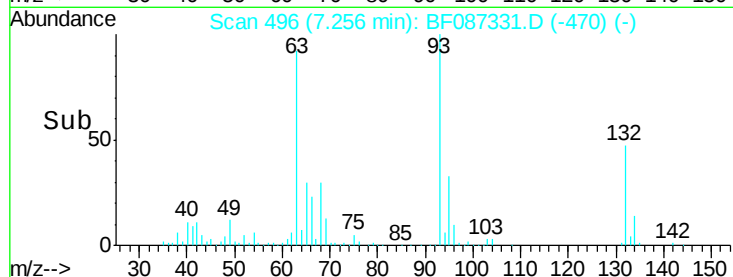
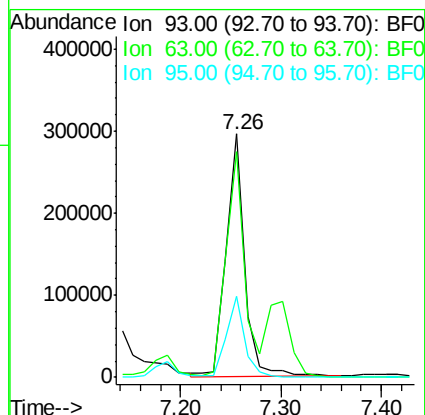
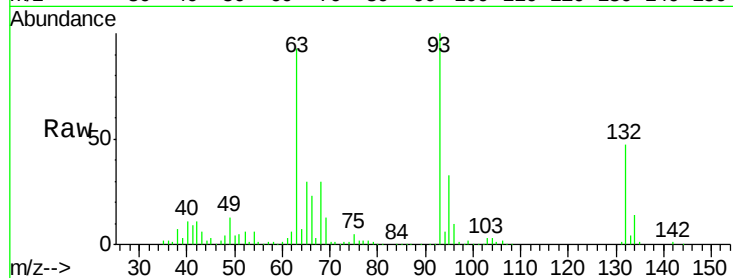




#11
bis(2-Chloroethyl)ether
Concen: 40.44 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

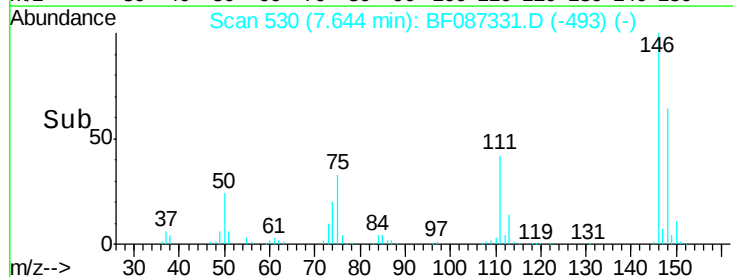
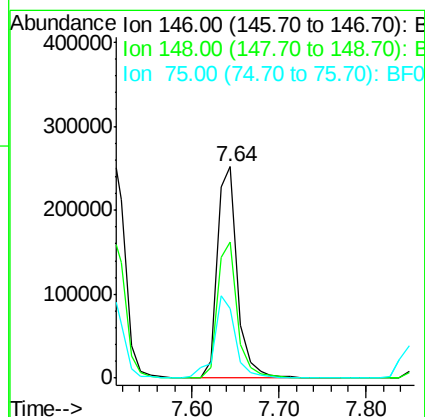
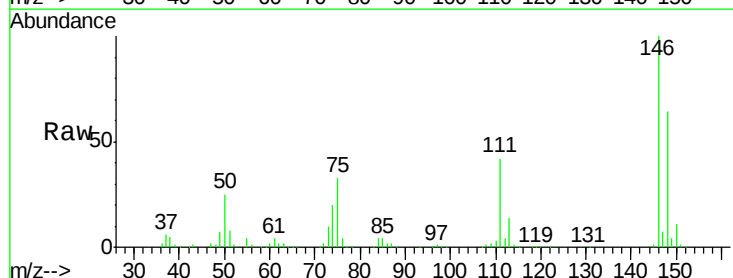
Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

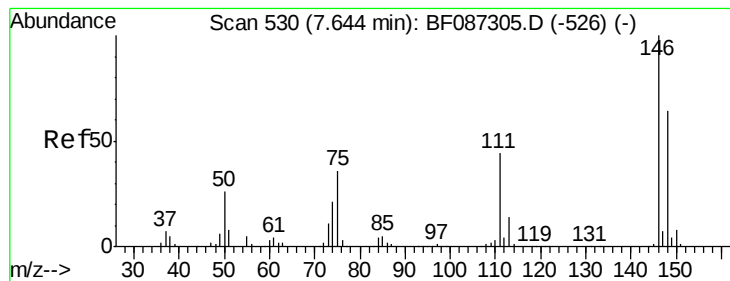
Tgt Ion: 93 Resp: 372883
Ion Ratio Lower Upper
93 100
63 92.5 58.0 98.0
95 33.1 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 39.26 ng
RT: 7.64 min Scan# 530
Delta R.T. 0.13 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion: 146 Resp: 412356
Ion Ratio Lower Upper
146 100
148 64.3 52.4 78.6
75 33.1 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 38.26 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

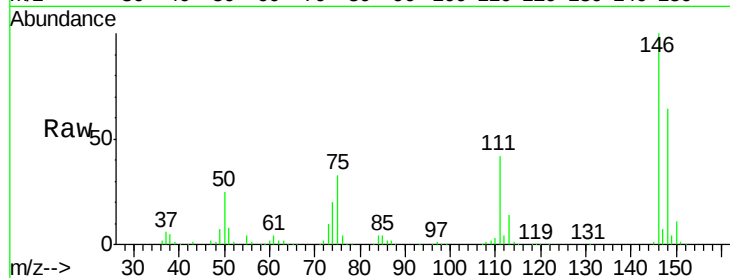
Tgt Ion:146 Resp: 412583

Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.4

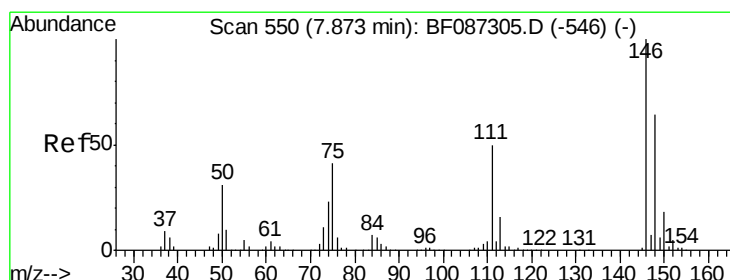
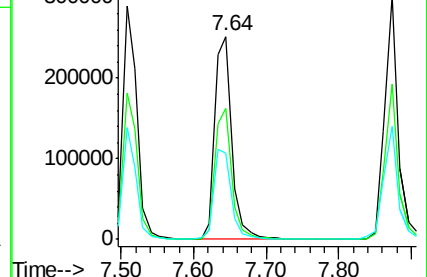
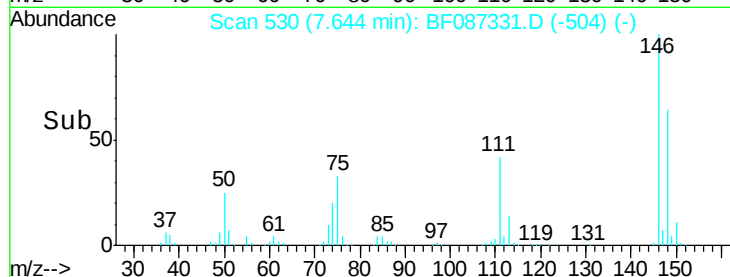
111 42.4 30.7 46.1



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: 39.77 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

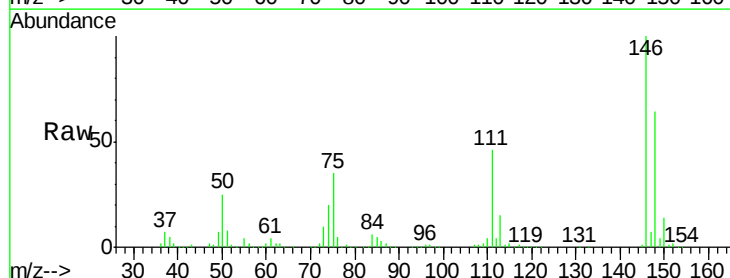
Tgt Ion:146 Resp: 396690

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

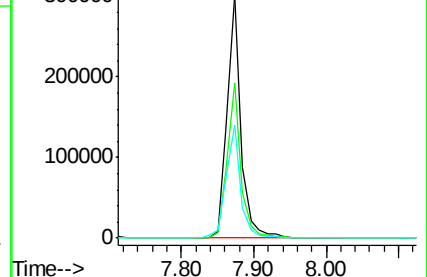
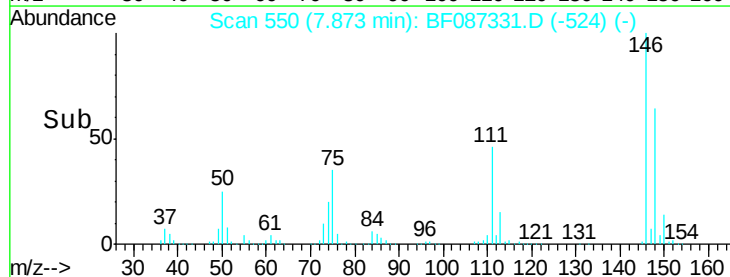
111 46.2 36.2 54.4

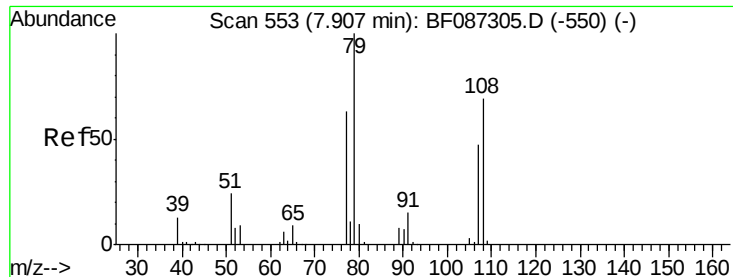


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.88 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

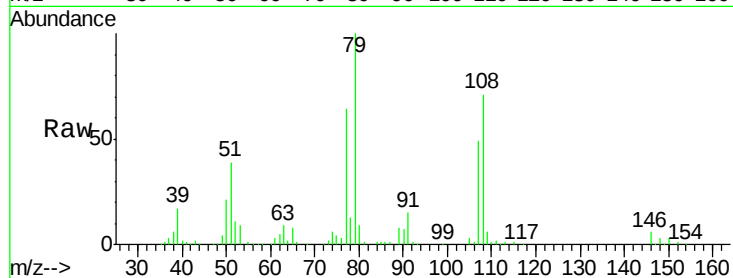
Tgt Ion: 79 Resp: 348994

Ion Ratio Lower Upper

79 100

108 70.7 68.4 102.6

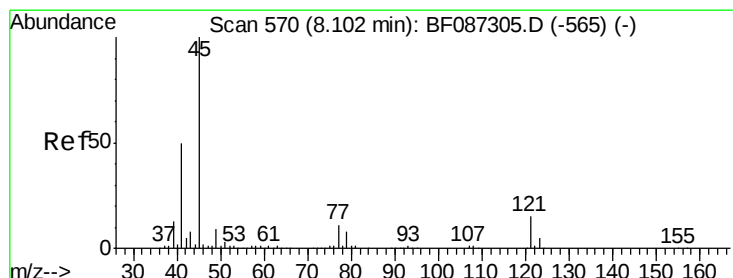
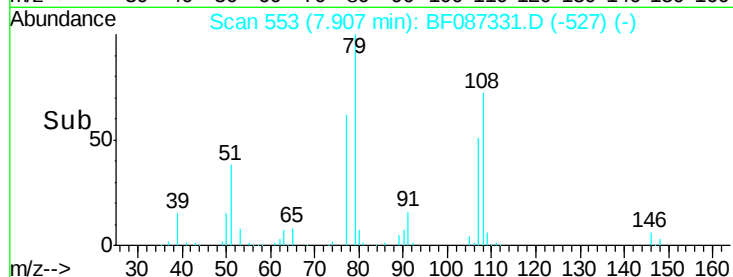
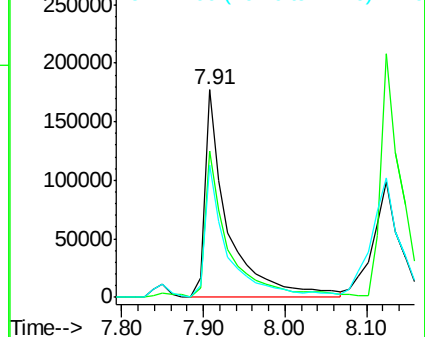
77 63.9 50.6 76.0



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: 38.43 ng

RT: 8.11 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

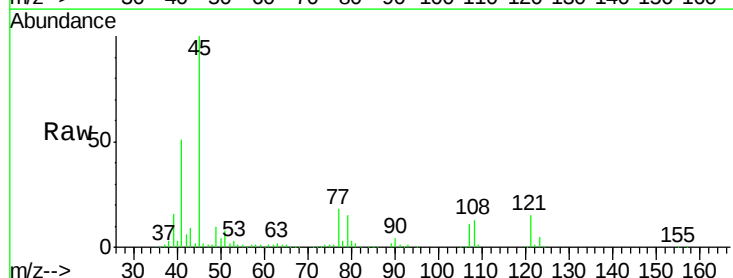
Tgt Ion: 45 Resp: 797325

Ion Ratio Lower Upper

45 100

77 18.0 0.0 36.4

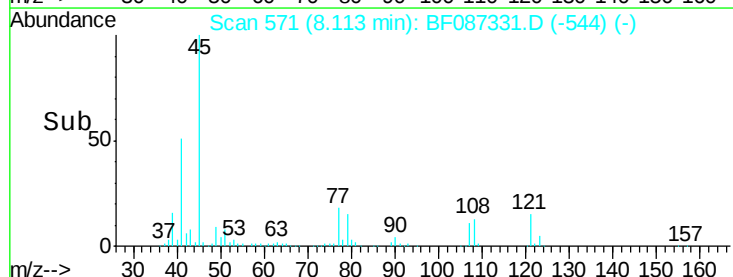
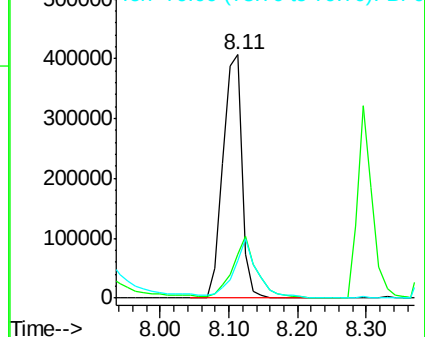
79 15.4 0.0 33.4

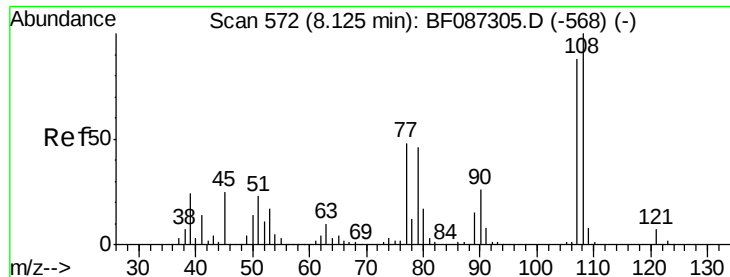


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

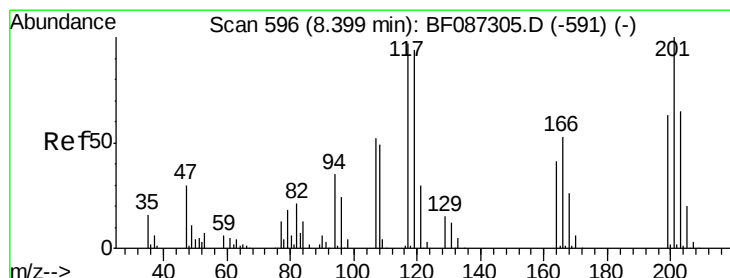
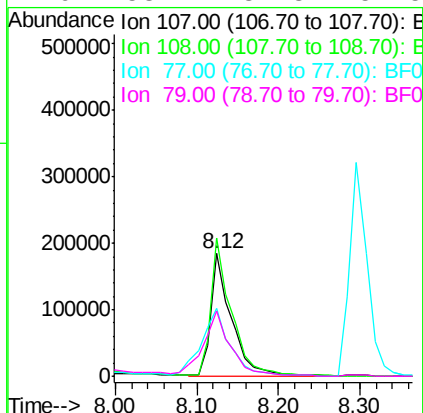
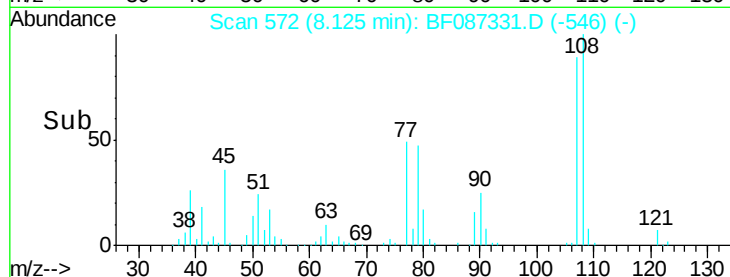
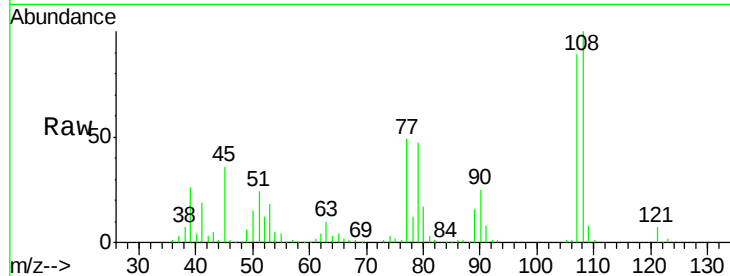




#17
2-Methylphenol
Concen: 41.85 ng
RT: 8.12 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

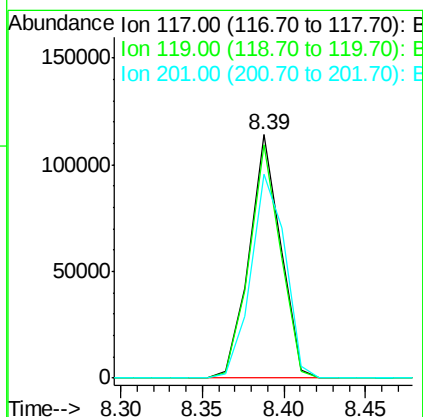
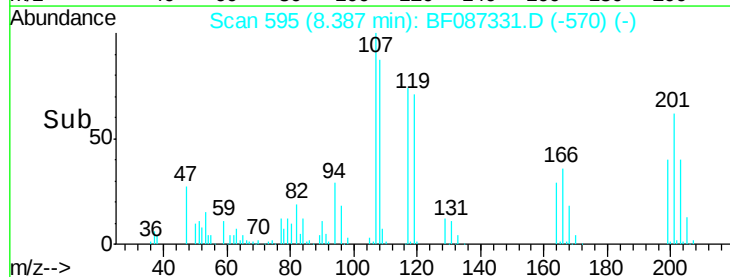
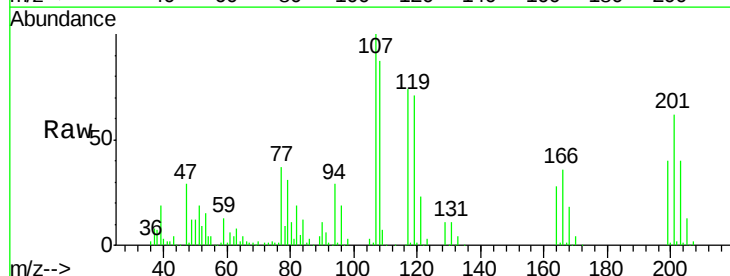
Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

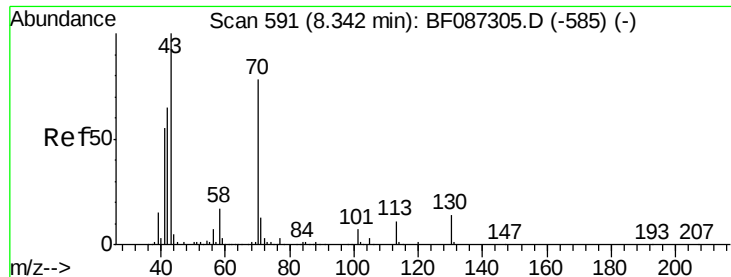
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.7	93.7	140.5
77	55.5	33.4	50.0#
79	53.4	34.3	51.5#



#18
Hexachloroethane
Concen: 37.81 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.5	114.7
201	83.6	63.0	94.6

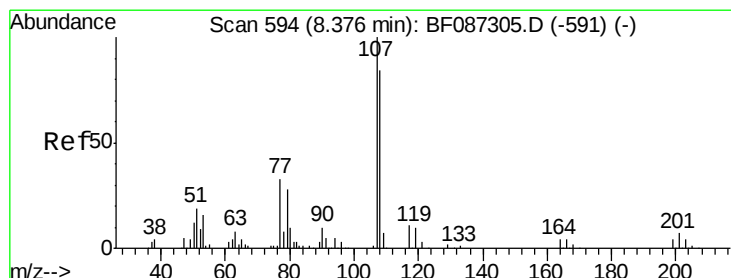
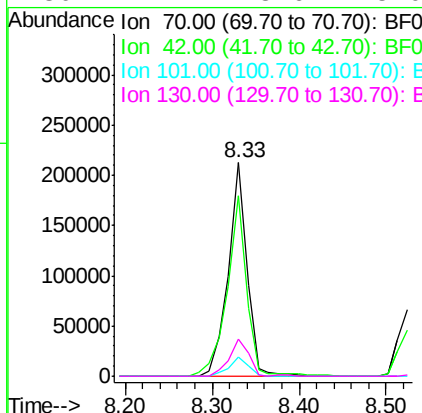
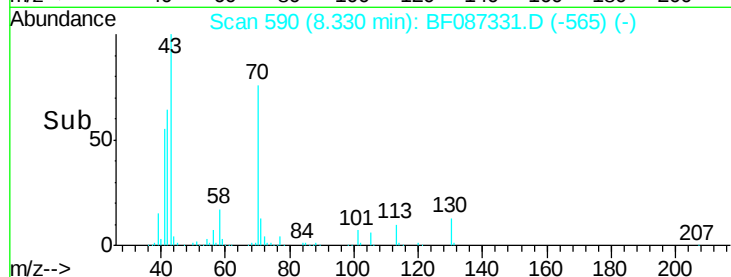
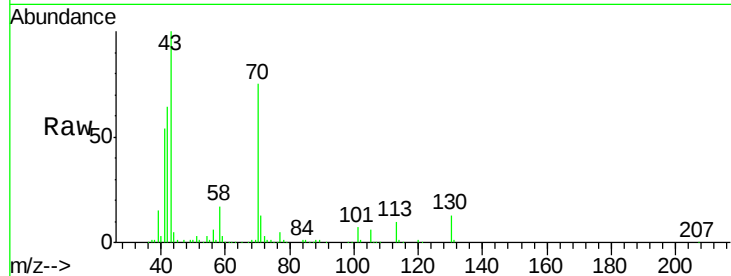




#19
n-Nitroso-di-n-propylamine
Concen: 41.09 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

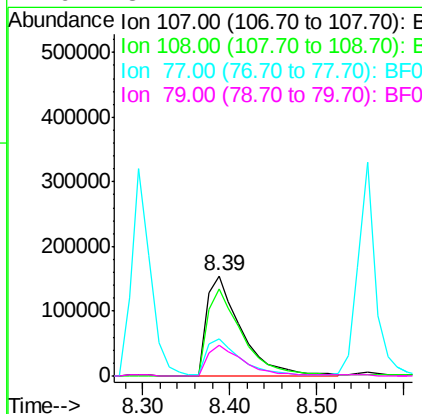
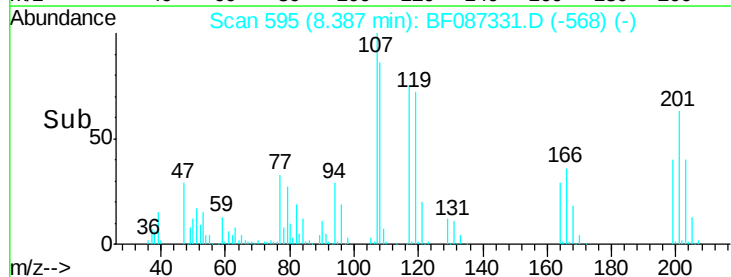
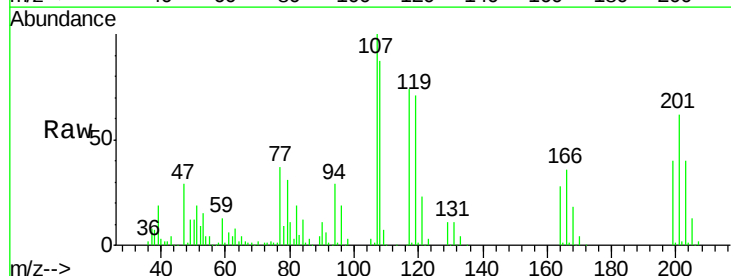
Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

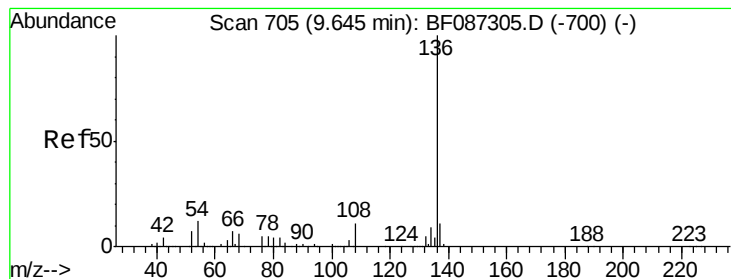
Tgt Ion: 70 Resp: 319722
Ion Ratio Lower Upper
70 100
42 84.6 43.1 64.7#
101 8.8 8.1 12.1
130 17.1 18.6 28.0#



#20
3+4-Methylphenols
Concen: 45.25 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion: 107 Resp: 422150
Ion Ratio Lower Upper
107 100
108 86.9 68.5 108.5
77 37.3 101.6 141.6#
79 31.1 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: BF087331.D

Acq: 24 May 2016 8:59

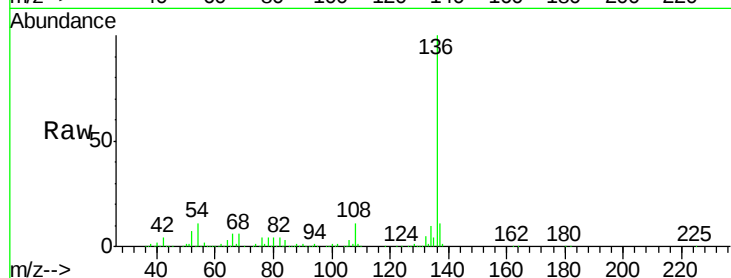
Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

Tgt Ion:	136	Resp:	568138
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	11.5	5.0	7.4#
68	5.6	4.4	6.6

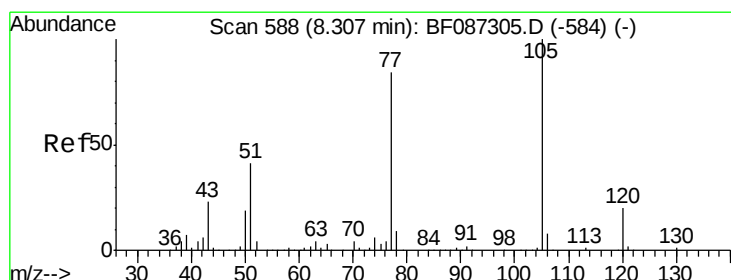
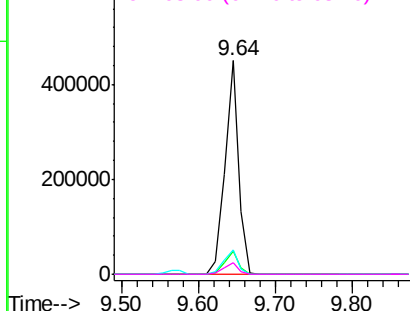
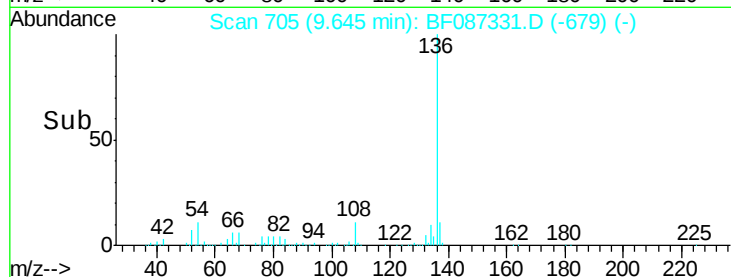


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 42.57 ng

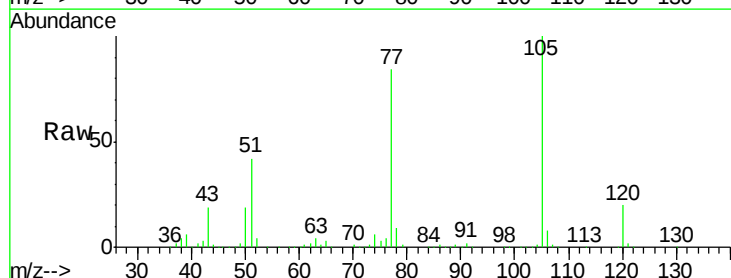
RT: 8.30 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Tgt Ion:	105	Resp:	577864
Ion	Ratio	Lower	Upper
105	100		
71	0.3	4.8	7.2#
51	41.9	32.6	49.0
120	20.1	16.5	24.7

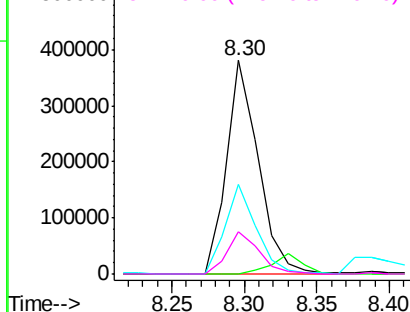
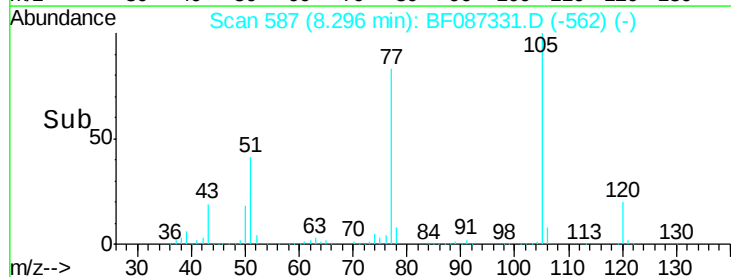


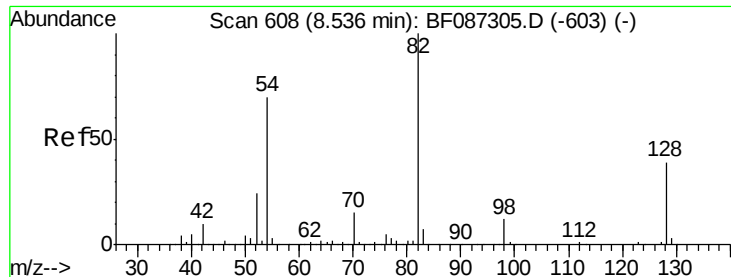
Abundance Ion 105.00 (104.70 to 105.70): E

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

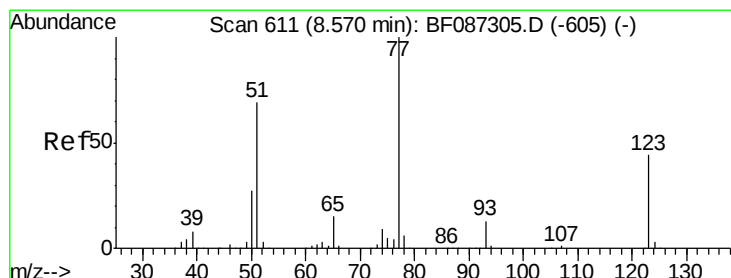
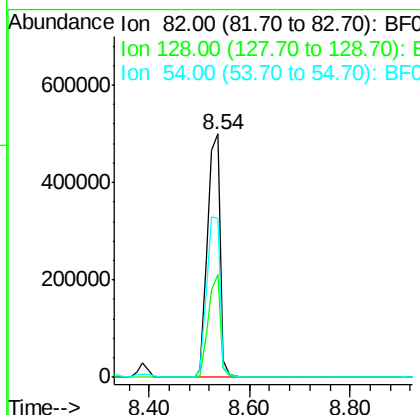
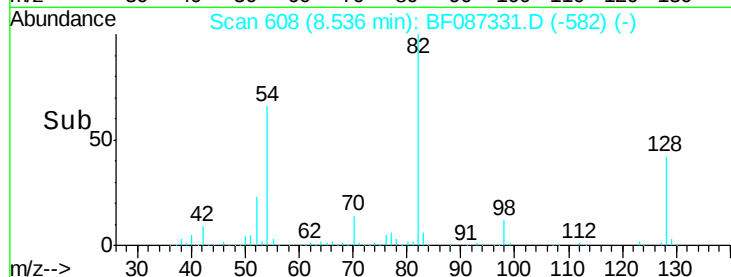
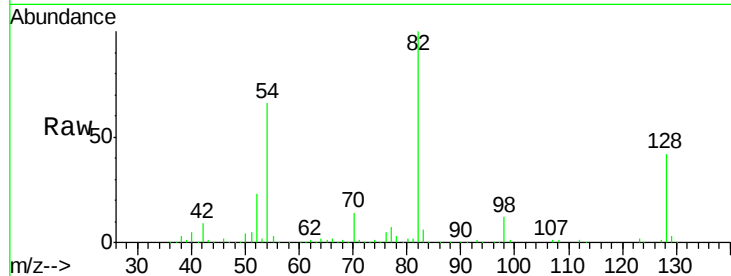




#23
Nitrobenzene-d5
Concen: 78.15 ng
RT: 8.54 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

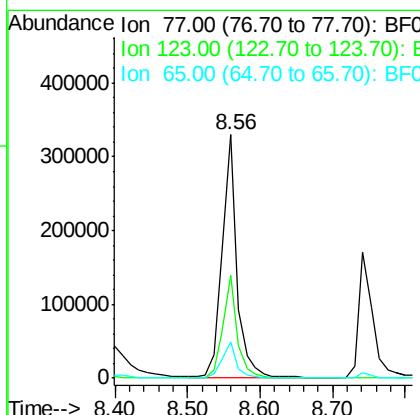
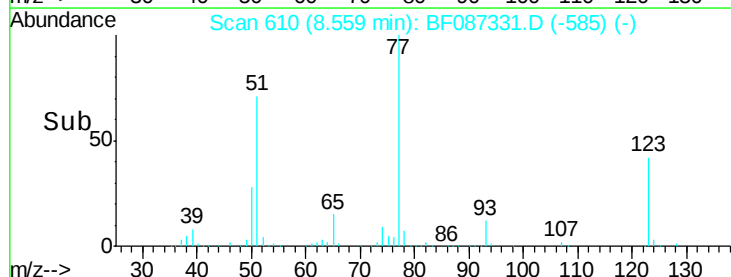
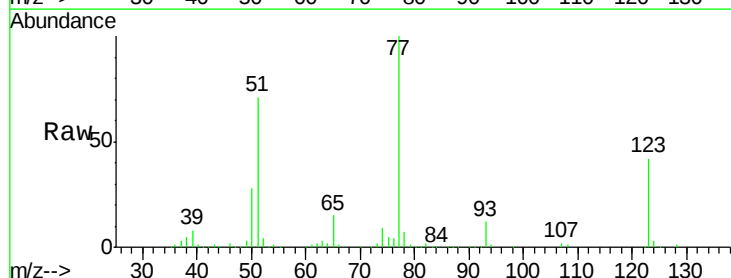
Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

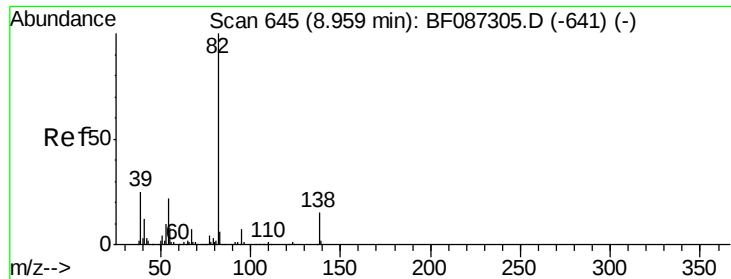
Tgt Ion: 82 Resp: 881001
Ion Ratio Lower Upper
82 100
128 42.5 40.6 61.0
54 65.6 38.1 57.1#



#24
Nitrobenzene
Concen: 39.29 ng
RT: 8.56 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion: 77 Resp: 467508
Ion Ratio Lower Upper
77 100
123 42.0 33.0 49.4
65 14.8 10.8 16.2





#25

Isophorone

Concen: 39.76 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

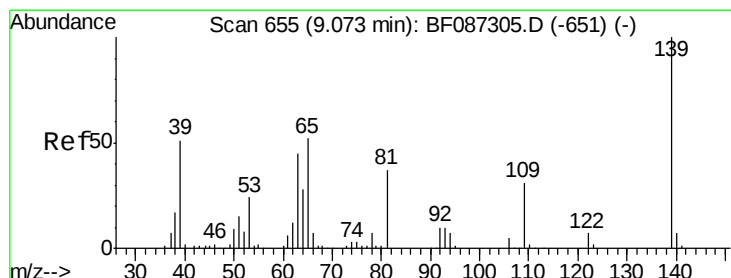
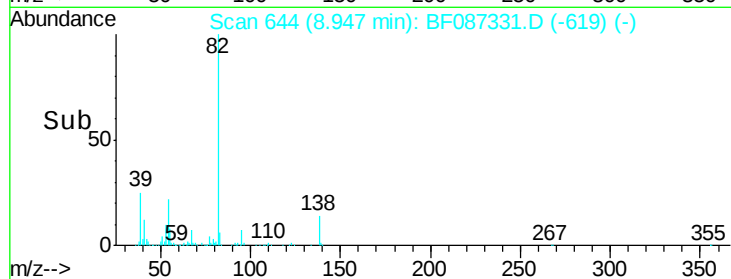
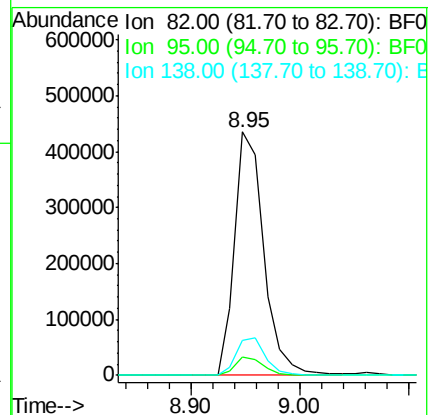
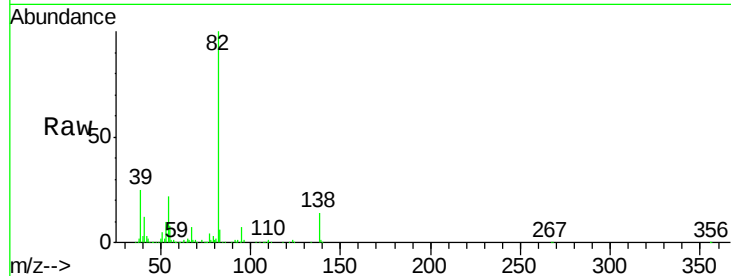
Tgt Ion: 82 Resp: 803847

Ion Ratio Lower Upper

82 100

95 7.5 5.1 7.7

138 14.3 12.4 18.6



#26

2-Nitrophenol

Concen: 41.07 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

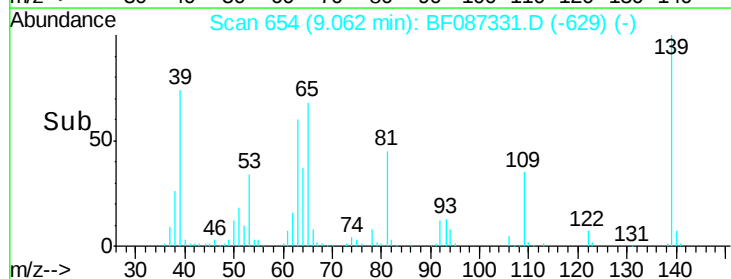
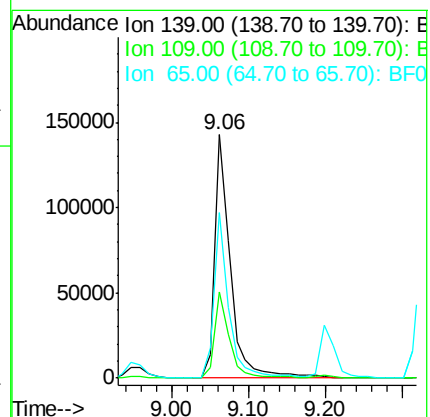
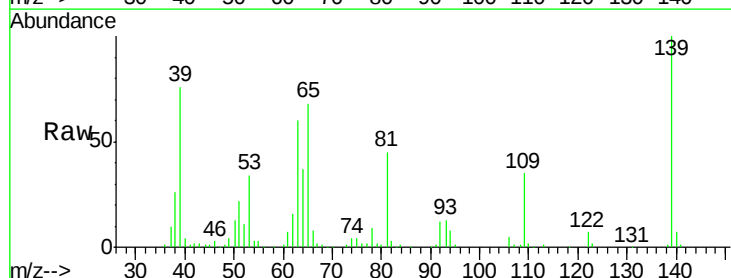
Tgt Ion: 139 Resp: 199777

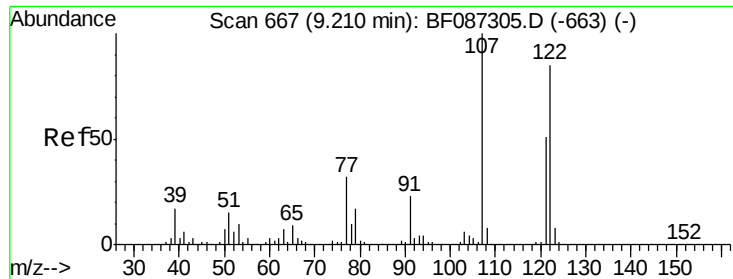
Ion Ratio Lower Upper

139 100

109 35.3 19.5 29.3#

65 67.9 37.5 56.3#

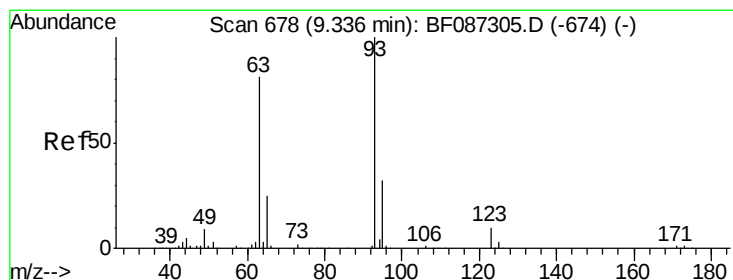
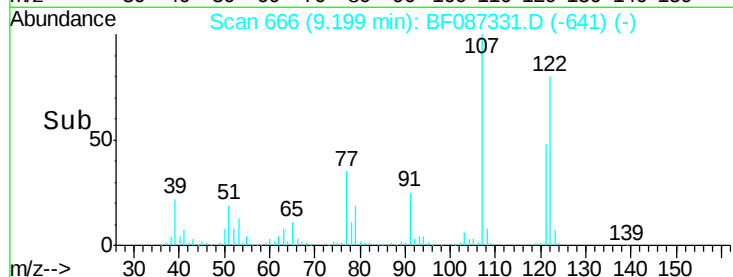
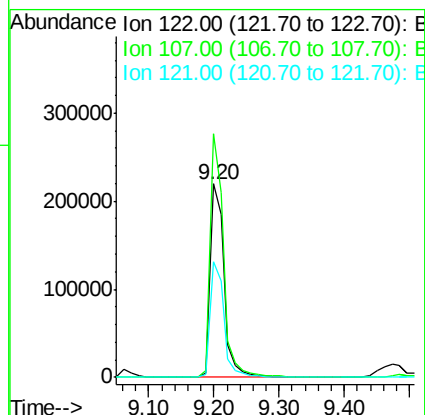
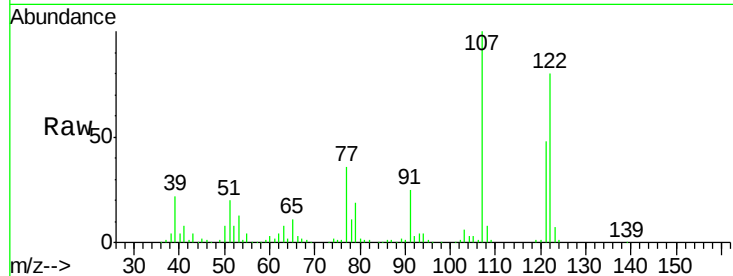




#27
2,4-Dimethylphenol
Concen: 39.02 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

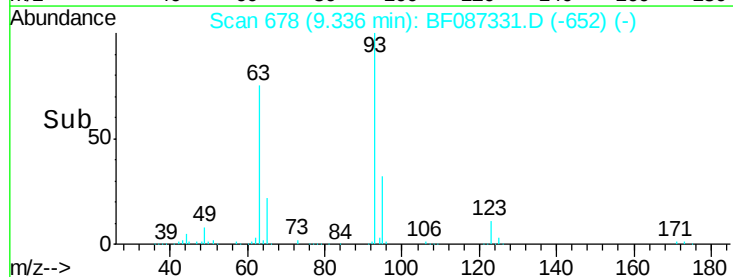
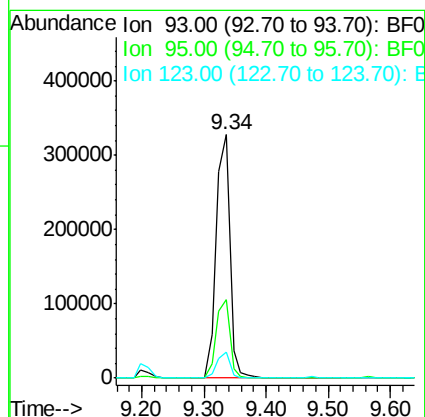
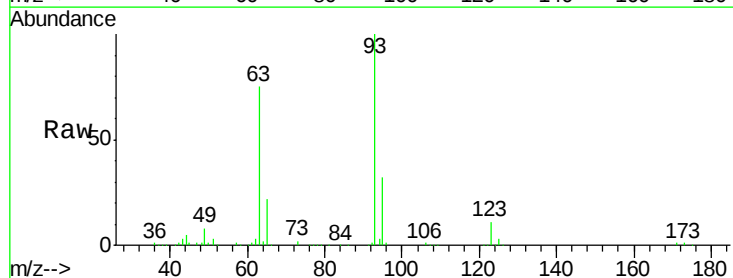
Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

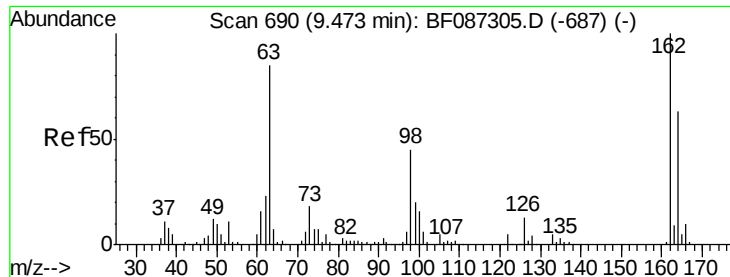
Tgt Ion:122 Resp: 329507
Ion Ratio Lower Upper
122 100
107 125.8 82.0 123.0#
121 59.9 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 43.49 ng
RT: 9.34 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion: 93 Resp: 495291
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 10.6 9.5 14.3

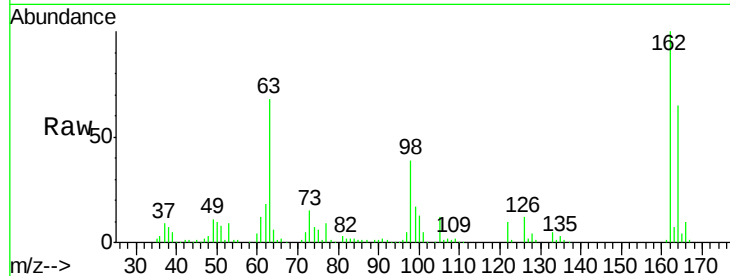




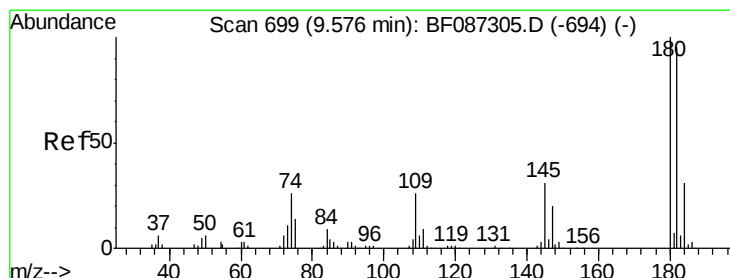
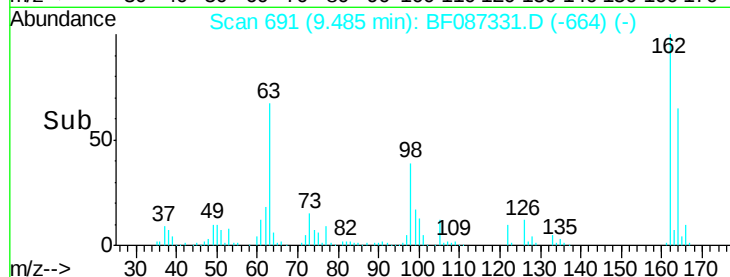
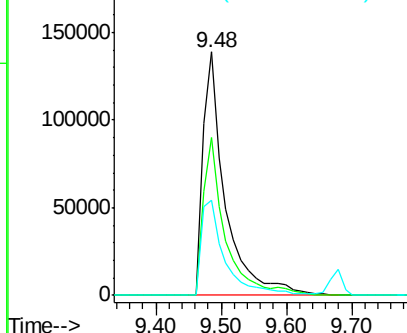
#29
 2,4-Dichlorophenol
 Concen: 43.00 ng
 RT: 9.48 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.2	82.2
98	39.0	19.0	59.0

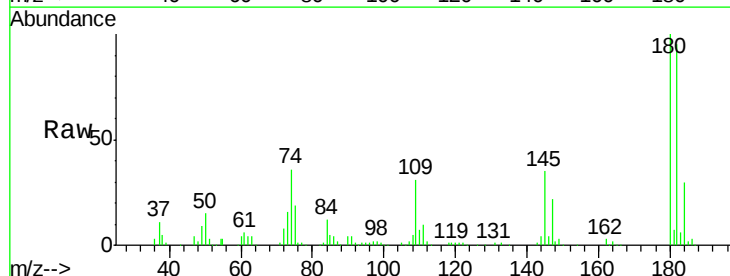


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

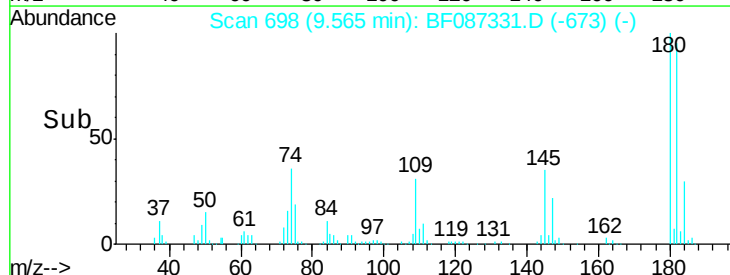
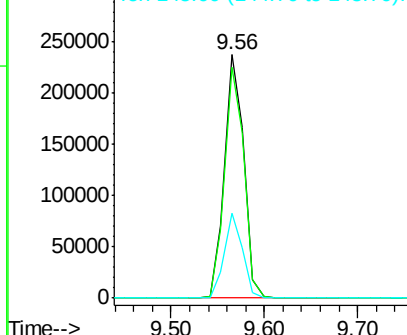


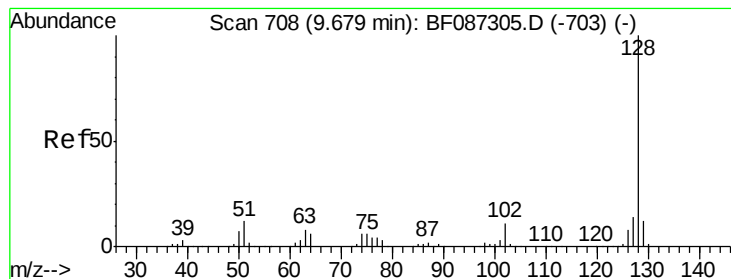
#30
 1,2,4-Trichlorobenzene
 Concen: 39.34 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	78.0	117.0
145	34.7	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: 39.89 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

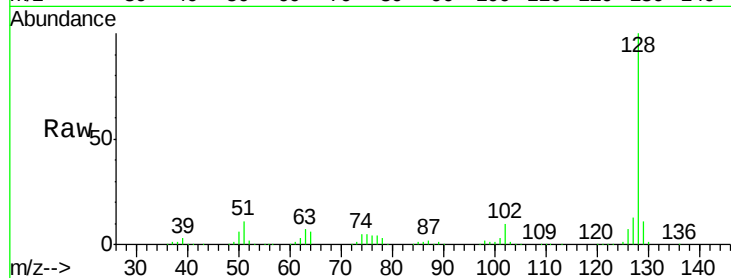
Tgt Ion:128 Resp: 1135614

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

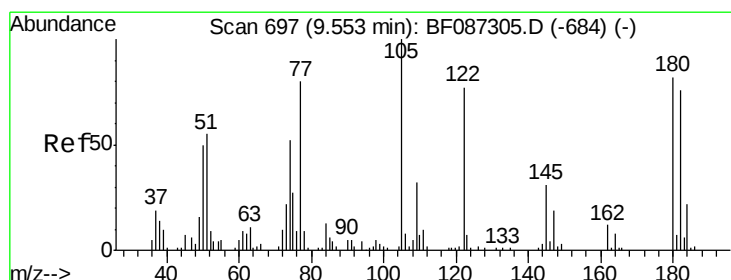
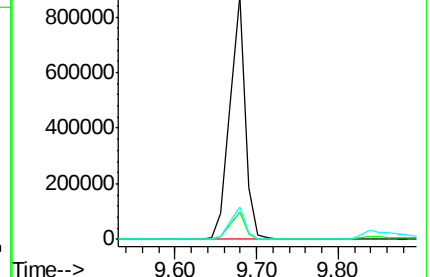
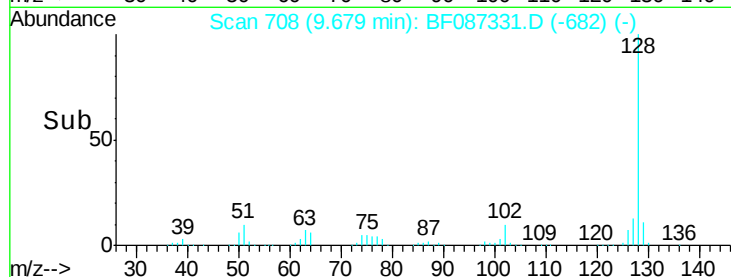
127 13.5 10.8 16.2



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: 15.49 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.08 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

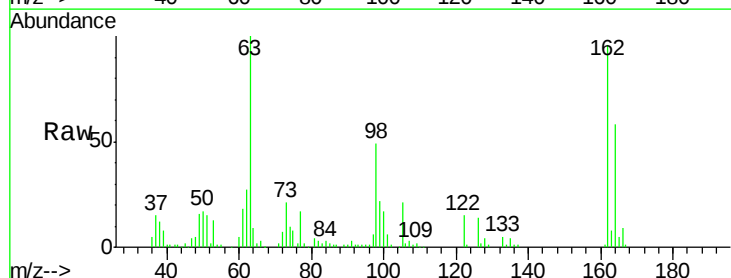
Tgt Ion:122 Resp: 47849

Ion Ratio Lower Upper

122 100

105 137.4 92.6 132.6#

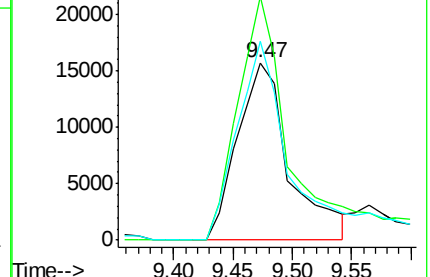
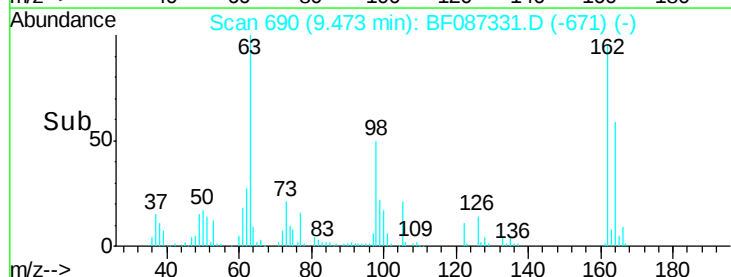
77 112.4 60.0 100.0#

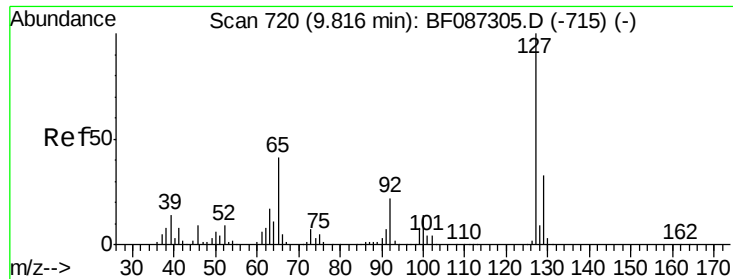


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

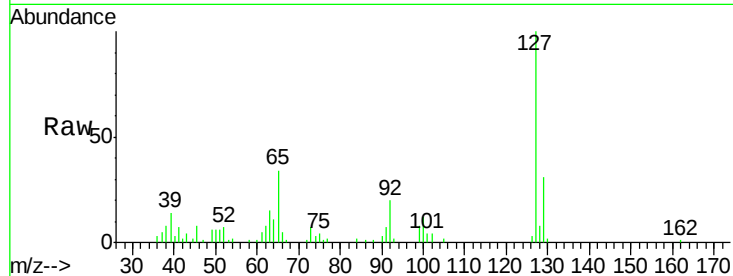




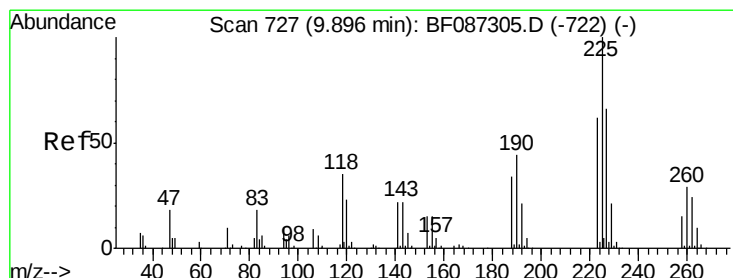
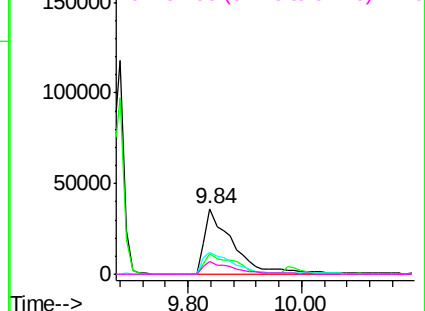
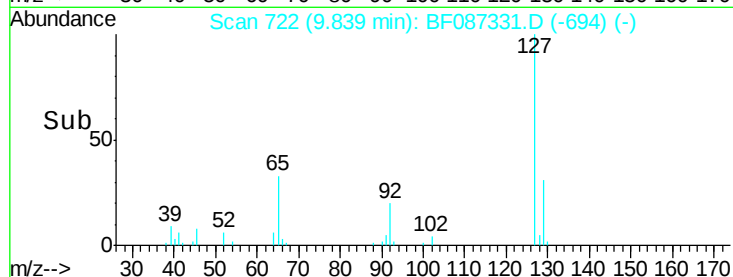
#33
4-Chloroaniline
Concen: 12.03 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.02 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

Tgt Ion:	127	Resp:	126185
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.2	39.4
65	34.3	23.0	34.4
92	19.8	15.1	22.7

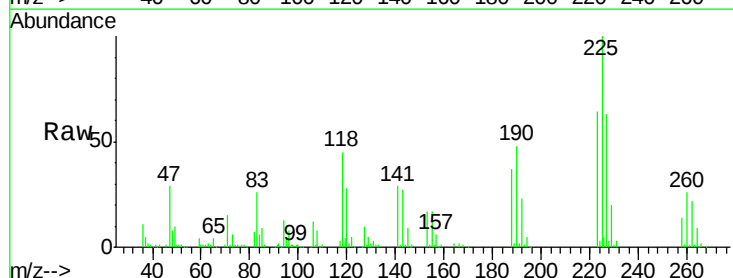


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

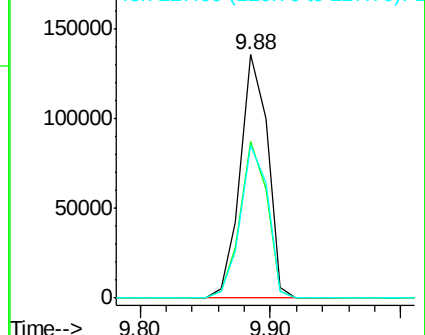
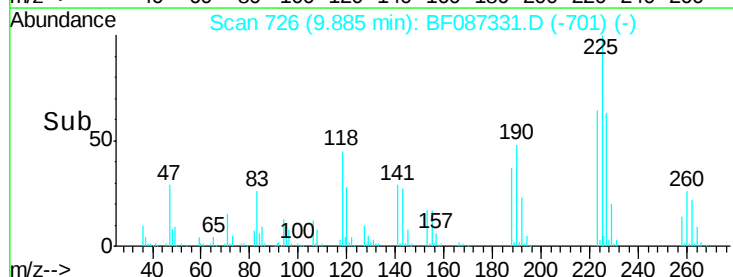


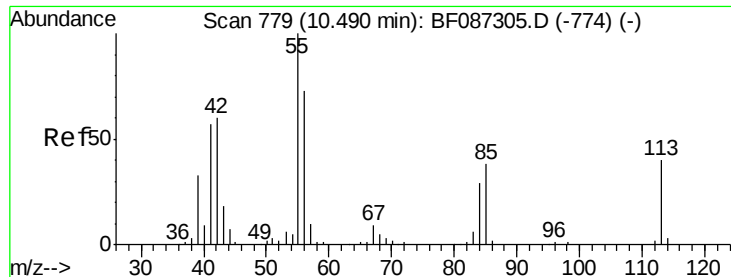
#34
Hexachlorobutadiene
Concen: 37.65 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion:	225	Resp:	199368
Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.5	77.3
227	62.7	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

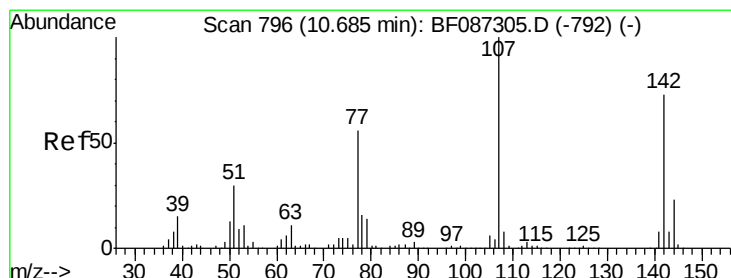
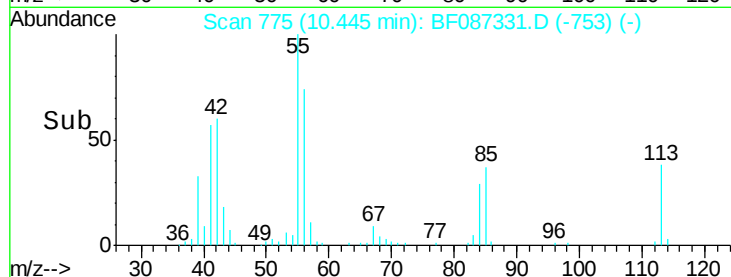
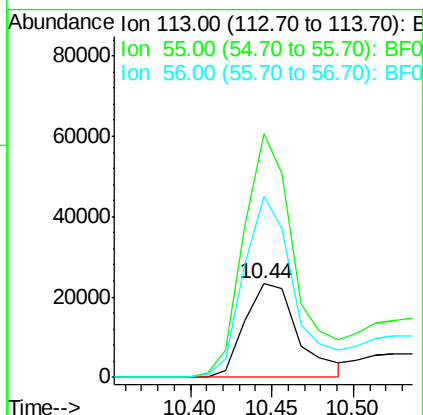
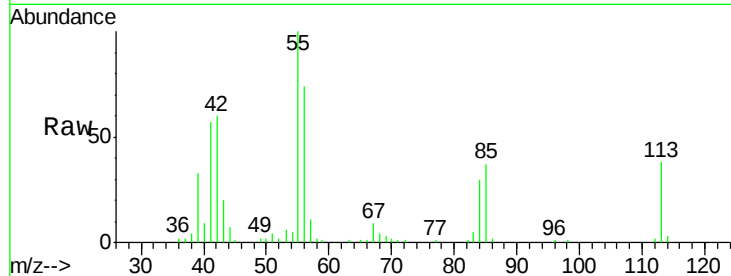




#35
 Caprolactam
 Concen: 23.85 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.05 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

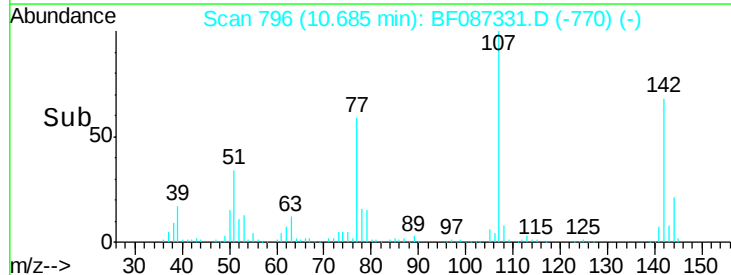
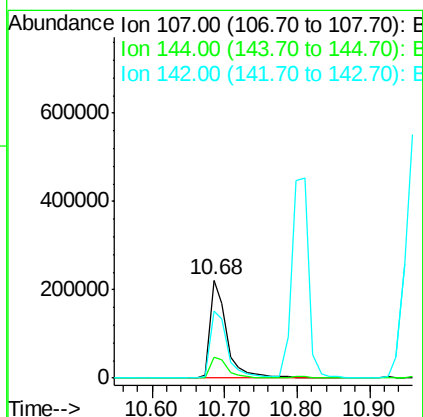
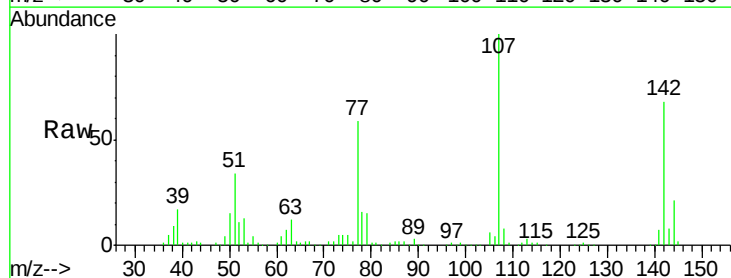
Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

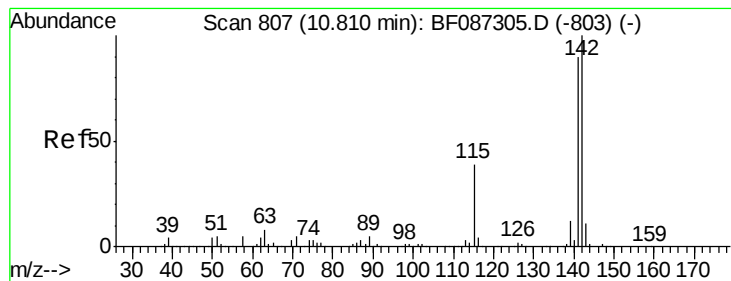
Tgt Ion:113 Resp: 52964
 Ion Ratio Lower Upper
 113 100
 55 260.5 162.0 202.0#
 56 193.0 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 40.90 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion:107 Resp: 351861
 Ion Ratio Lower Upper
 107 100
 144 21.2 20.7 31.1
 142 67.5 63.2 94.8





#37

2-Methylnaphthalene

Concen: 41.01 ng

RT: 10.81 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

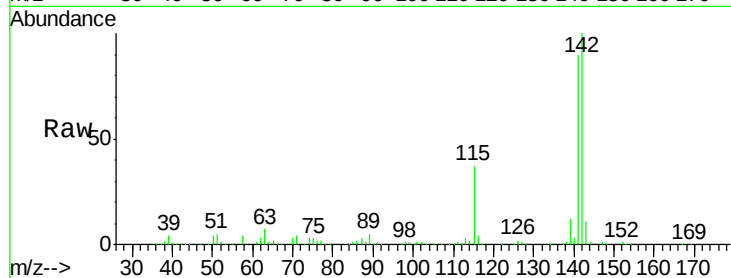
Tgt Ion:142 Resp: 729365

Ion Ratio Lower Upper

142 100

141 89.6 71.0 106.6

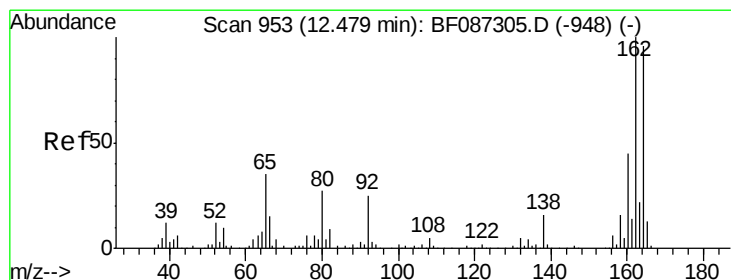
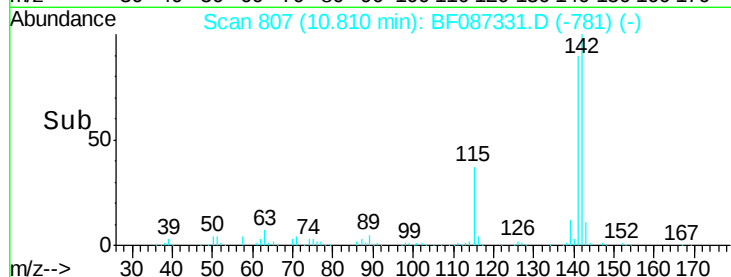
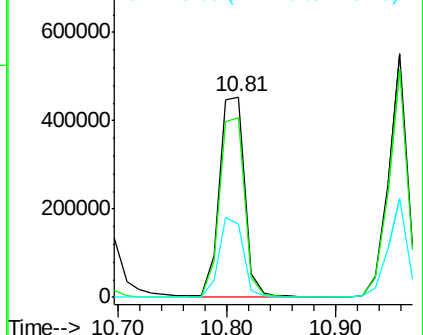
115 36.6 26.6 39.8



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: BF087331.D

Acq: 24 May 2016 8:59

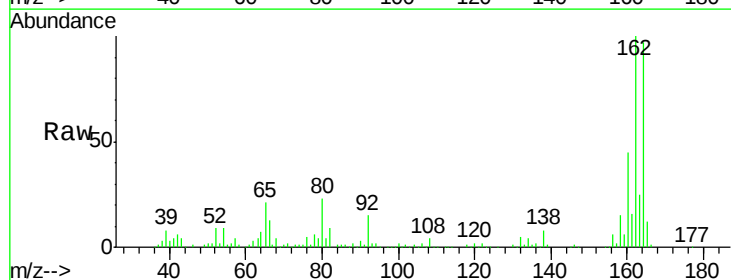
Tgt Ion:164 Resp: 269342

Ion Ratio Lower Upper

164 100

162 102.6 82.8 124.2

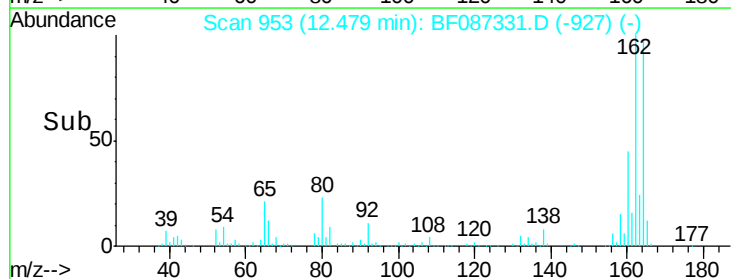
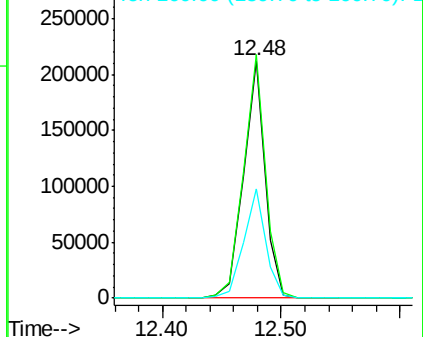
160 46.0 36.9 55.3

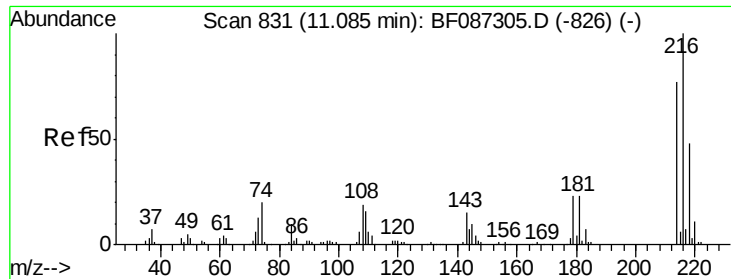


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

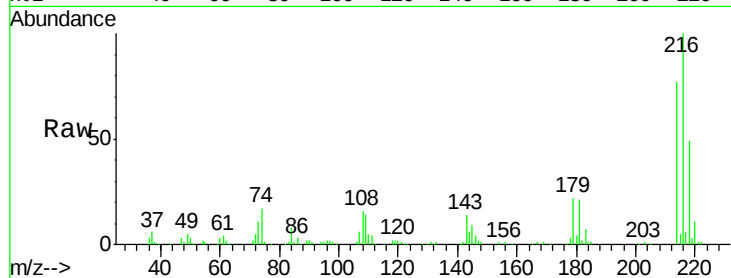




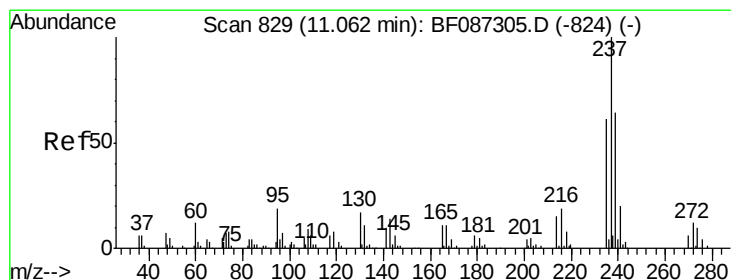
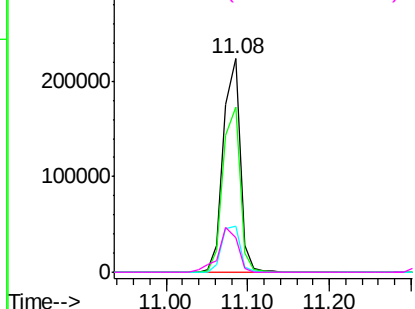
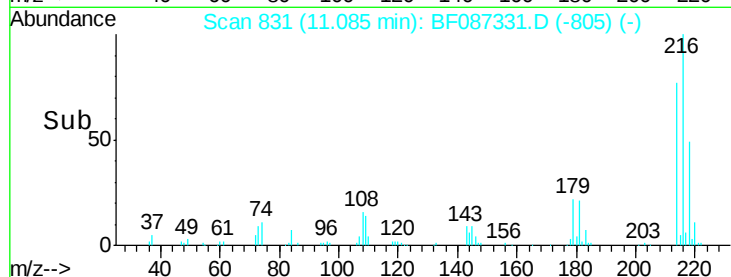
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.05 ng
 RT: 11.08 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

Tgt Ion: 216 Resp: 319464
 Ion Ratio Lower Upper
 216 100
 214 79.0 62.6 93.8
 179 23.4 18.2 27.4
 108 24.0 17.5 26.3

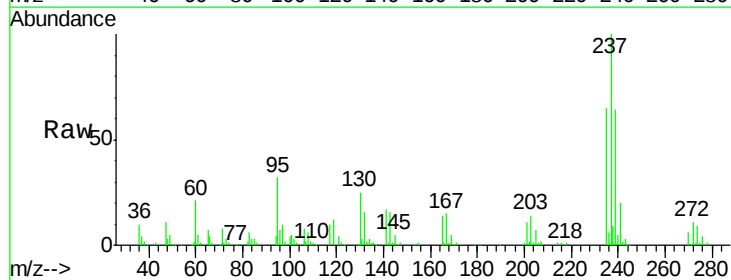


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

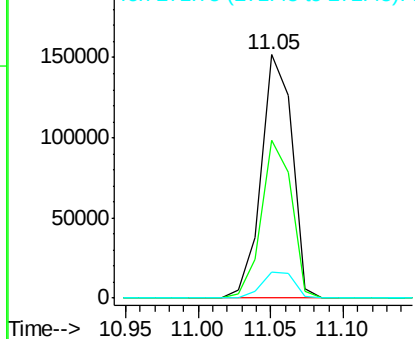
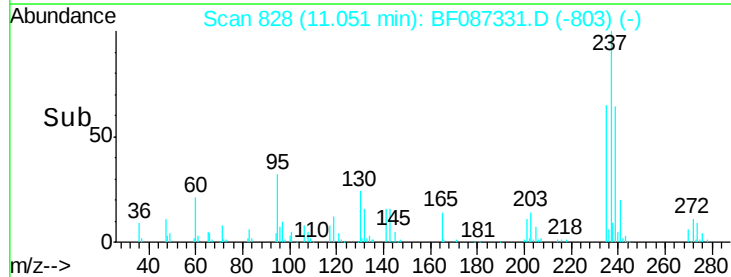


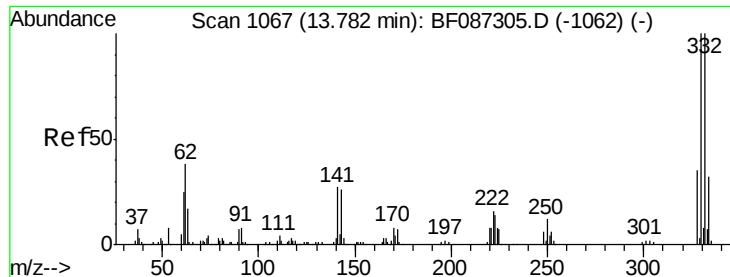
#40
 Hexachlorocyclopentadiene
 Concen: 65.23 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion: 237 Resp: 224412
 Ion Ratio Lower Upper
 237 100
 235 64.7 47.2 87.2
 272 10.8 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

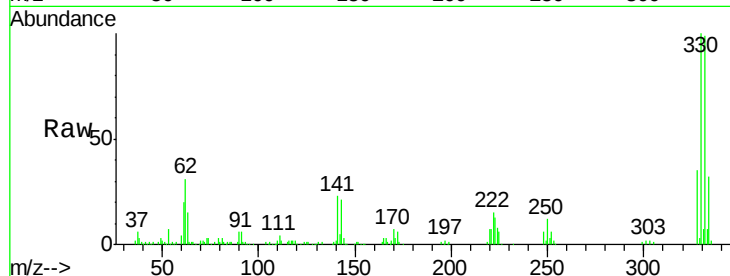




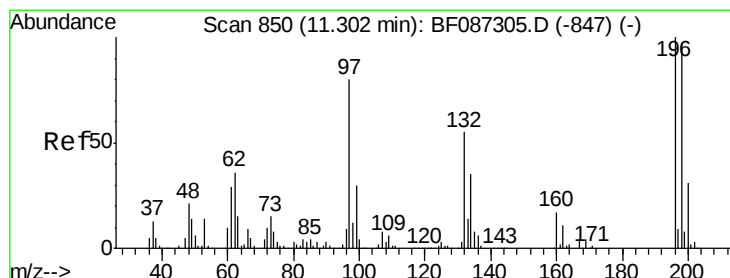
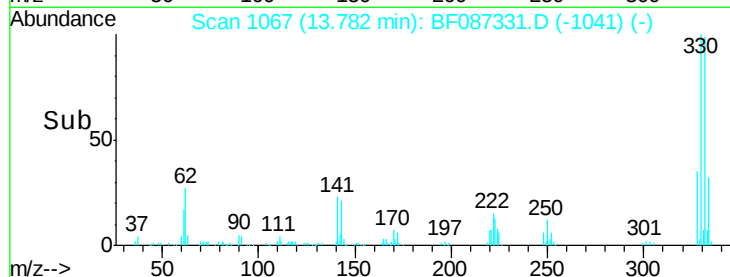
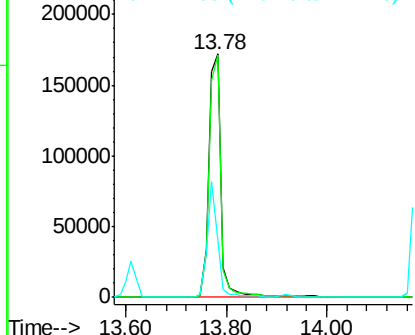
#41
 2,4,6-Tribromophenol
 Concen: 111.67 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

Tgt Ion:330 Resp: 289036
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.0 118.4
 141 40.7 31.2 46.8

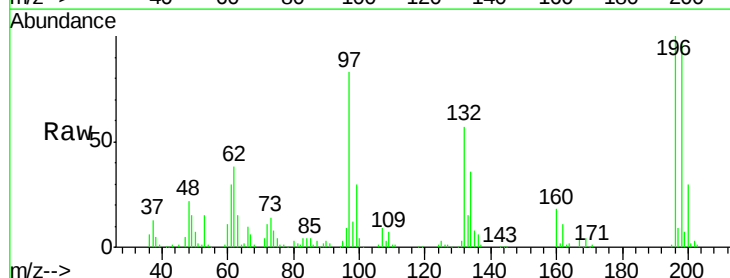


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

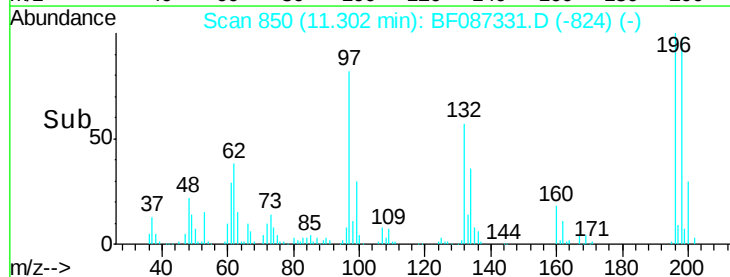
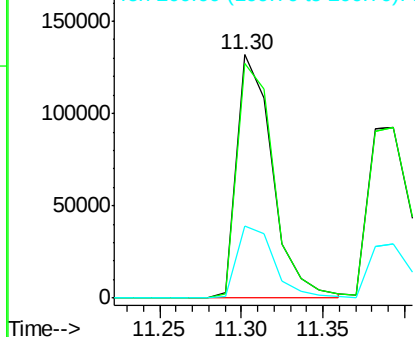


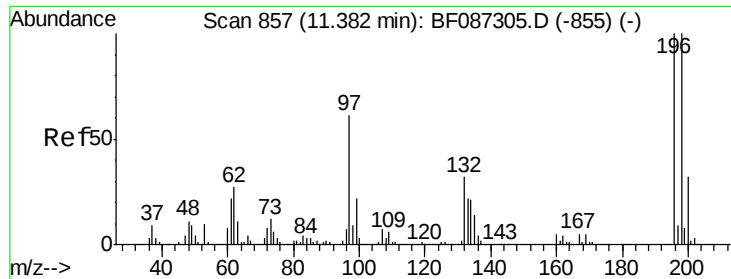
#42
 2,4,6-Trichlorophenol
 Concen: 39.92 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion:196 Resp: 198675
 Ion Ratio Lower Upper
 196 100
 198 96.6 74.7 112.1
 200 29.5 23.8 35.6



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

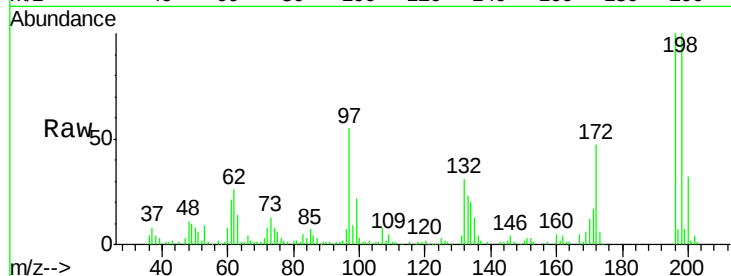




#43
 2,4,5-Trichlorophenol
 Concen: 40.52 ng
 RT: 11.39 min Scan# 858
 Delta R.T. 0.01 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

Tgt Ion	Resp	Lower	Upper
196	100		
198	100.4	77.5	116.3
97	55.3	34.8	52.2
132	30.7	23.0	34.4



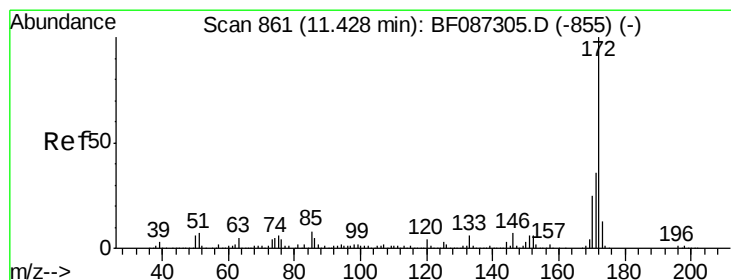
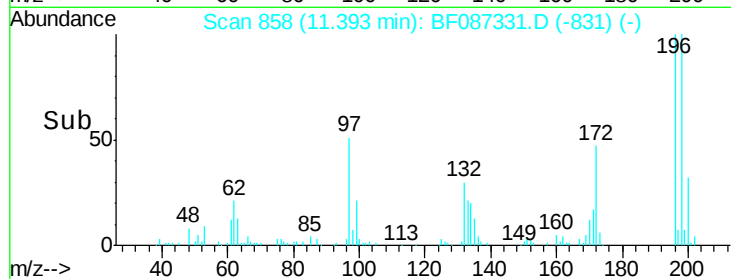
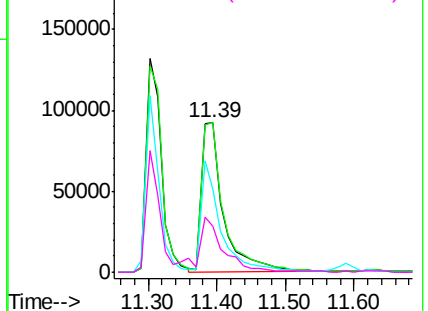
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

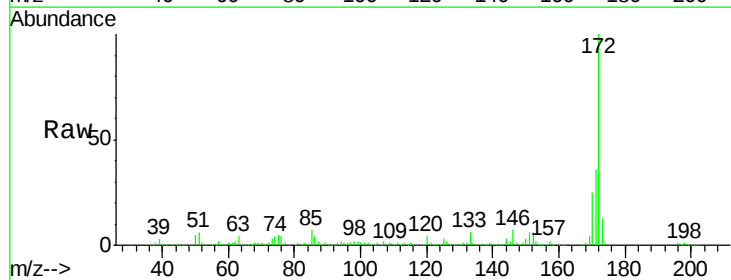
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.99 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.6	19.8	29.8

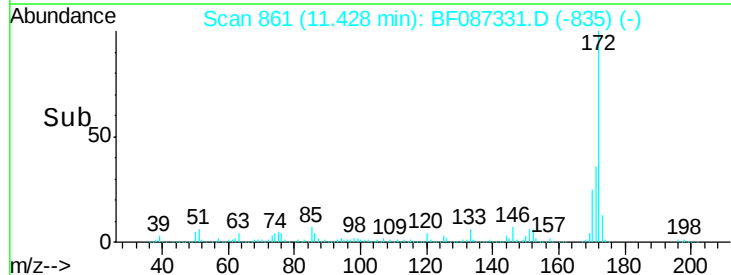
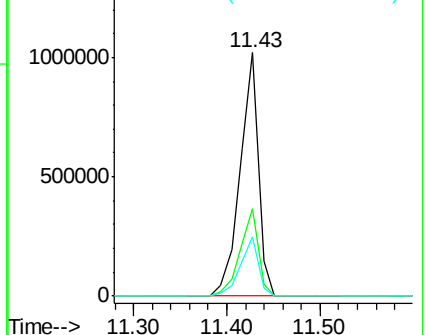


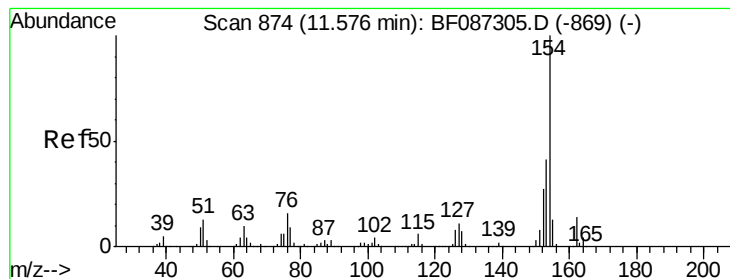
Abundance

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: 38.98 ng

RT: 11.58 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

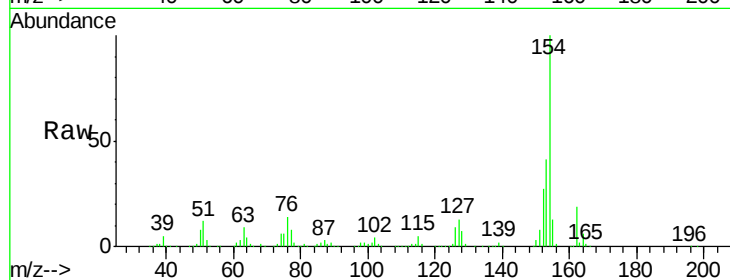
Tgt Ion:154 Resp: 883859

Ion Ratio Lower Upper

154 100

153 40.8 20.3 60.3

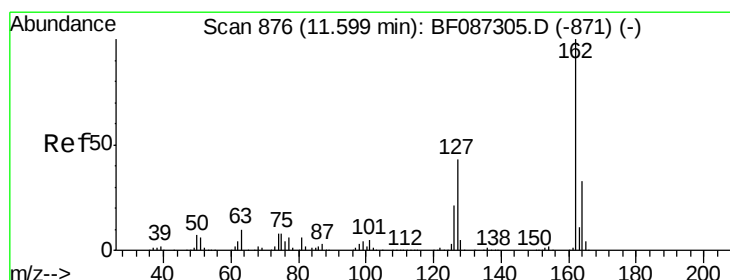
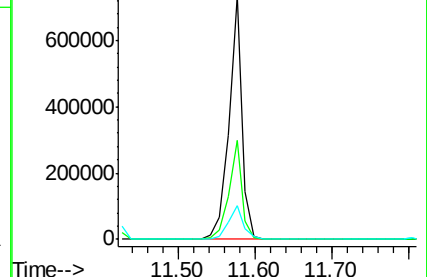
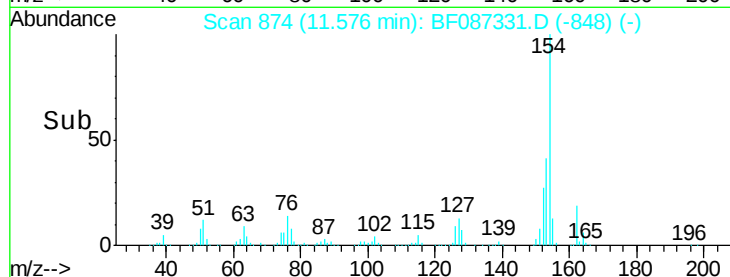
76 13.9 0.0 30.2



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: 37.96 ng

RT: 11.59 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

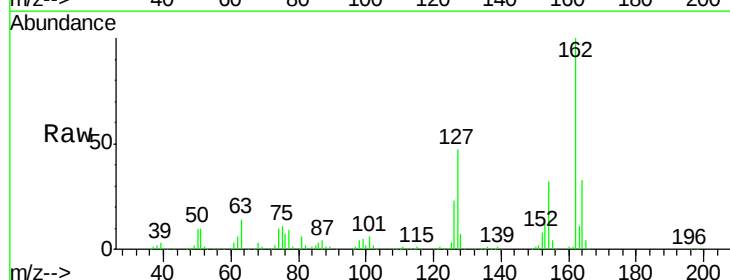
Tgt Ion:162 Resp: 658631

Ion Ratio Lower Upper

162 100

127 47.5 31.8 47.6

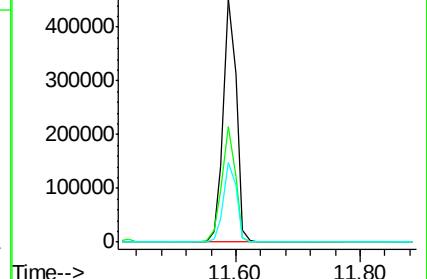
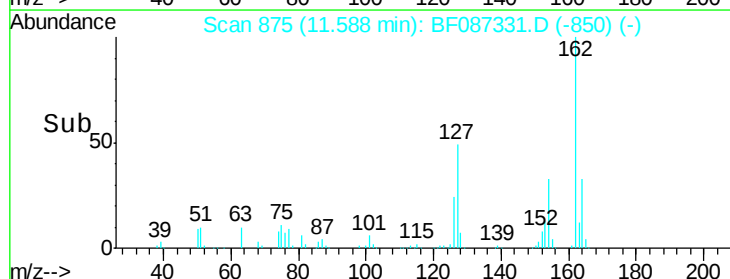
164 32.7 27.0 40.6

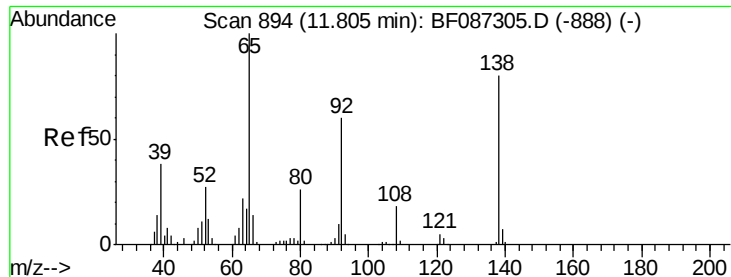


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.72 ng

RT: 11.80 min Scan# 894

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

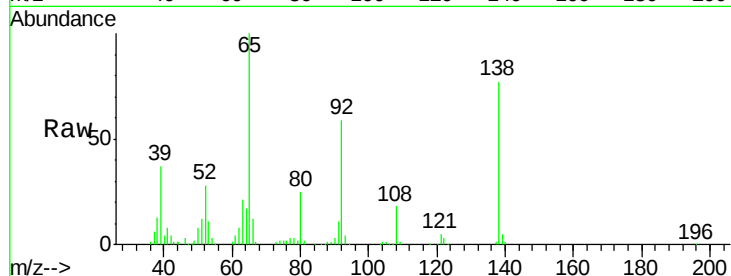
Tgt Ion: 65 Resp: 248279

Ion Ratio Lower Upper

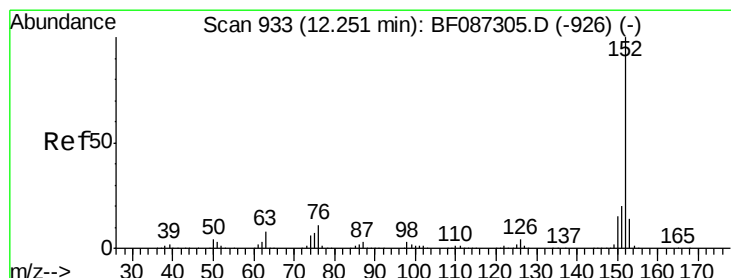
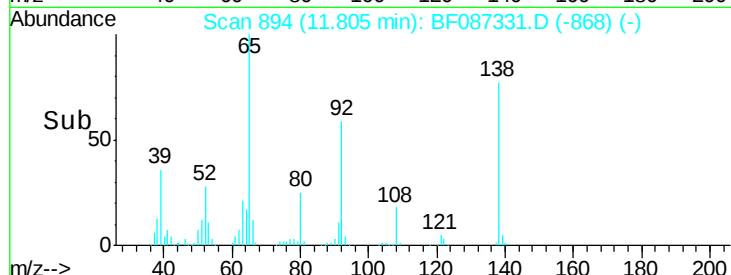
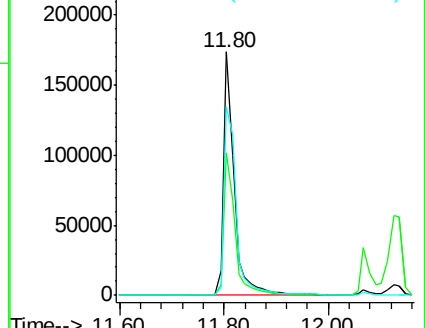
65 100

92 58.6 57.4 86.2

138 77.3 90.1 135.1#



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



#48

Acenaphthylene

Concen: 38.51 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

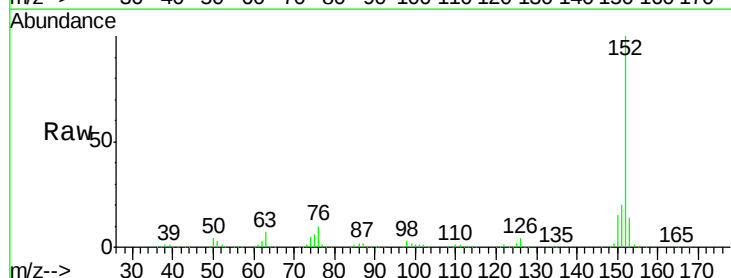
Tgt Ion: 152 Resp: 1057835

Ion Ratio Lower Upper

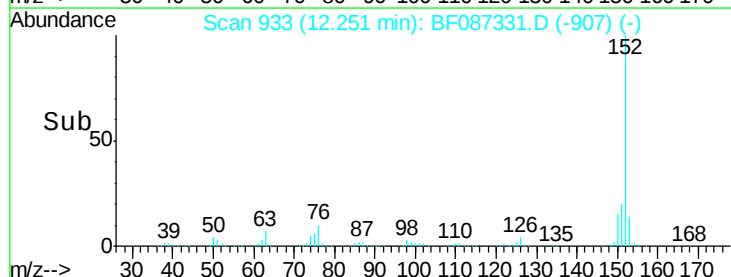
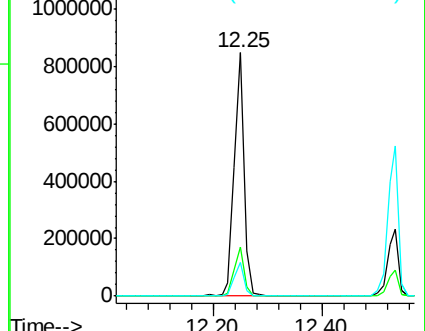
152 100

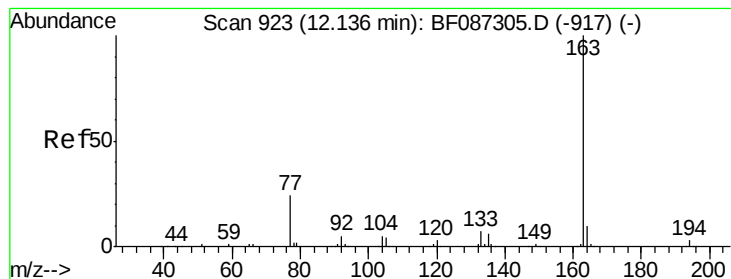
151 20.3 16.8 25.2

153 13.8 10.9 16.3



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





#49

Dimethylphthalate

Concen: 44.30 ng

RT: 12.14 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

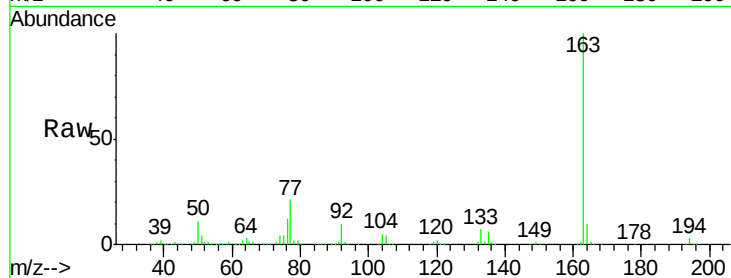
Tgt Ion:163 Resp: 955780

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

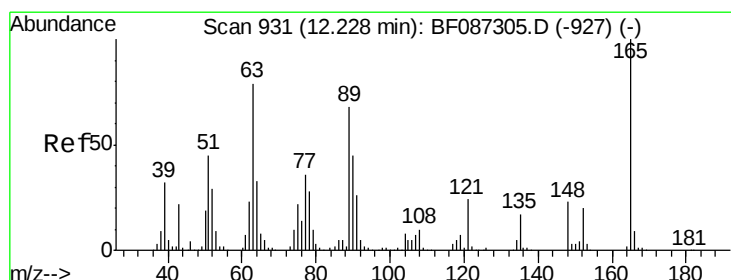
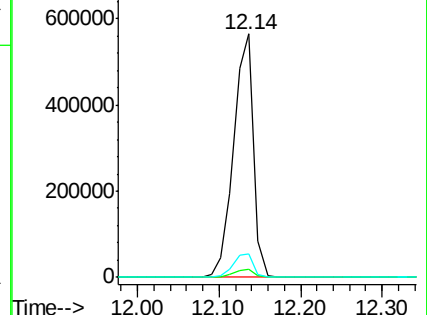
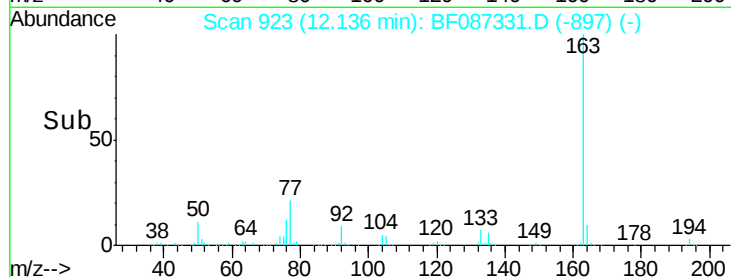
164 9.8 8.2 12.4



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: 40.65 ng

RT: 12.23 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

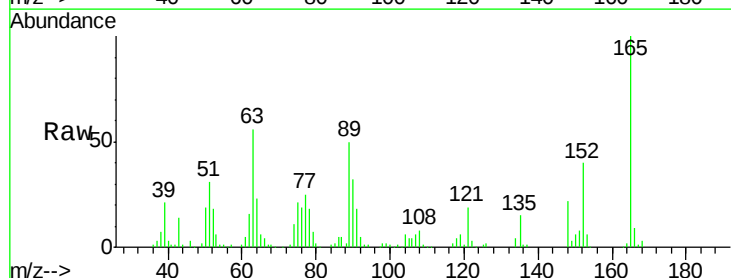
Tgt Ion:165 Resp: 176712

Ion Ratio Lower Upper

165 100

63 56.5 51.8 77.8

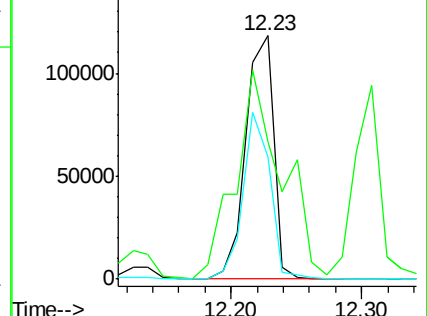
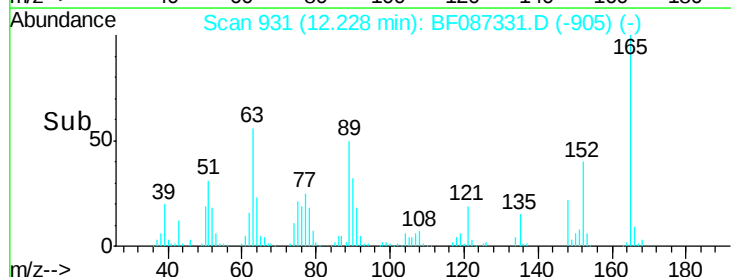
89 50.1 50.7 76.1#

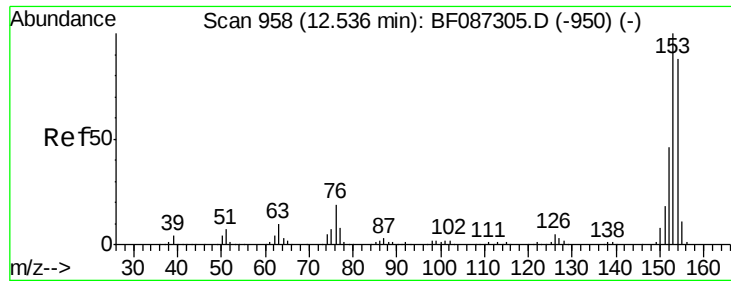


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.94 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

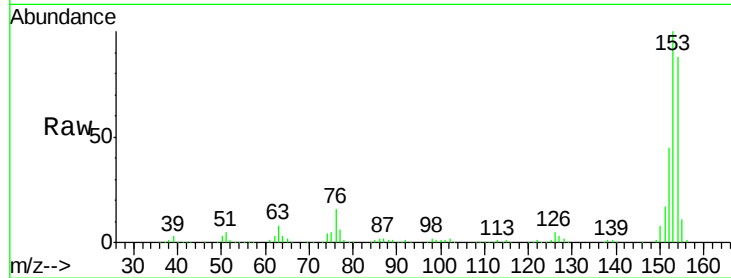
Tgt Ion:154 Resp: 640578

Ion Ratio Lower Upper

154 100

153 113.5 89.8 134.6

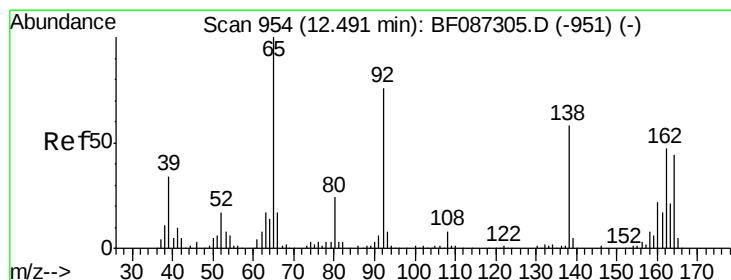
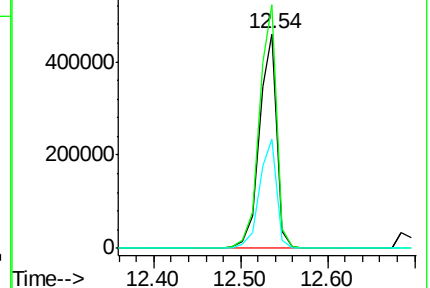
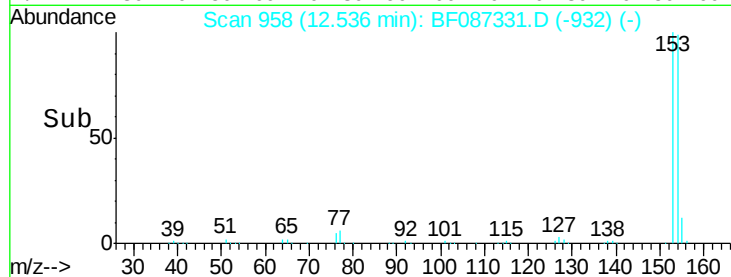
152 51.2 43.4 65.0



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: 23.80 ng

RT: 12.49 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

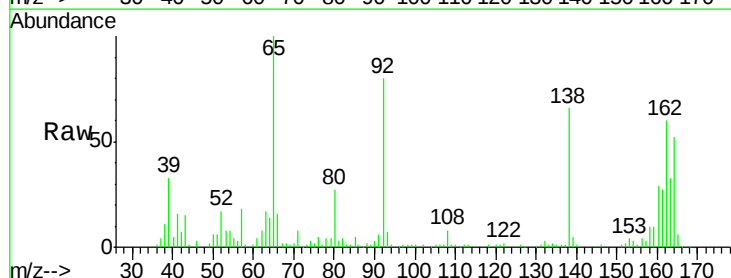
Tgt Ion:138 Resp: 106195

Ion Ratio Lower Upper

138 100

108 12.5 7.8 11.6#

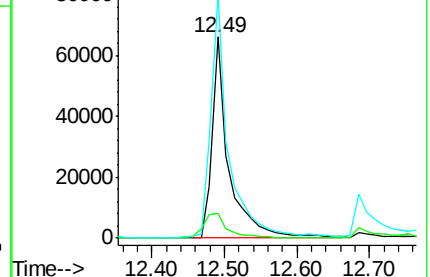
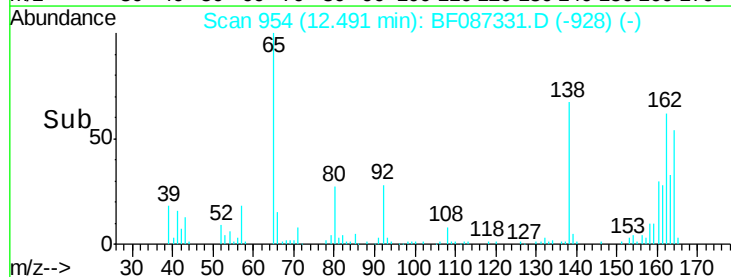
92 121.0 87.8 131.8

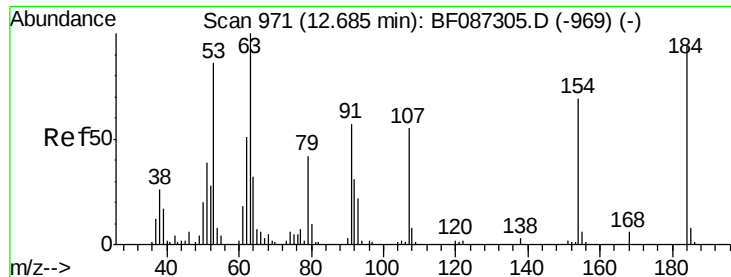


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

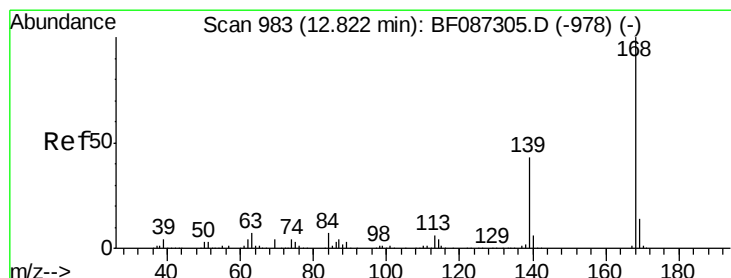
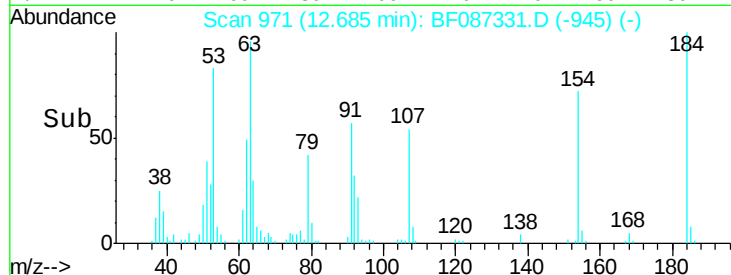
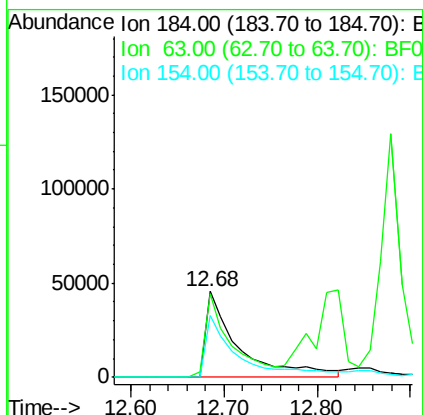
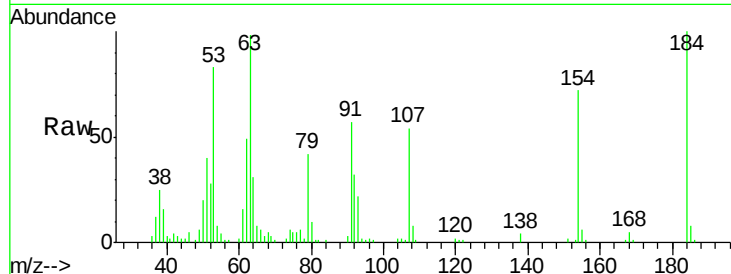




#53
2,4-Dinitrophenol
Concen: 52.61 ng
RT: 12.68 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

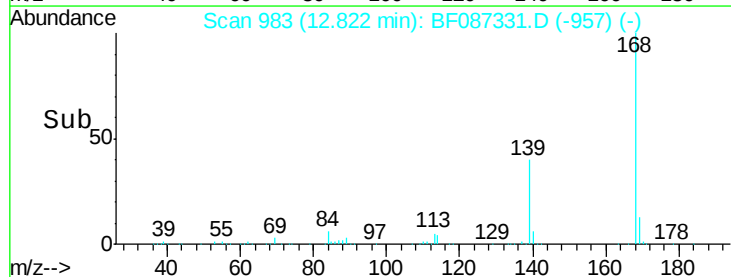
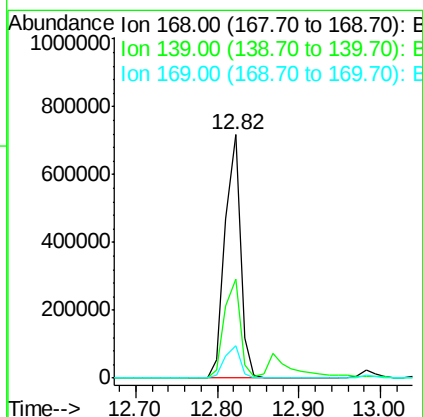
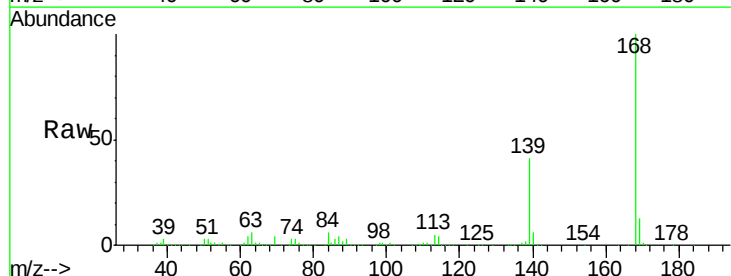
Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

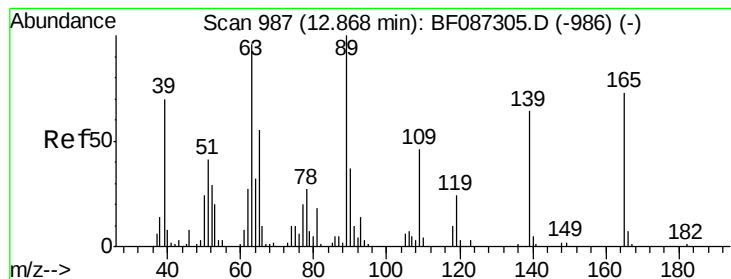
Tgt Ion:184 Resp: 111626
Ion Ratio Lower Upper
184 100
63 97.6 55.8 83.8#
154 71.6 62.4 93.6



#54
Dibenzofuran
Concen: 41.32 ng
RT: 12.82 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion:168 Resp: 944529
Ion Ratio Lower Upper
168 100
139 40.6 31.4 47.0
169 13.2 10.7 16.1





#55

4-Nitrophenol

Concen: 79.98 ng

RT: 12.87 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

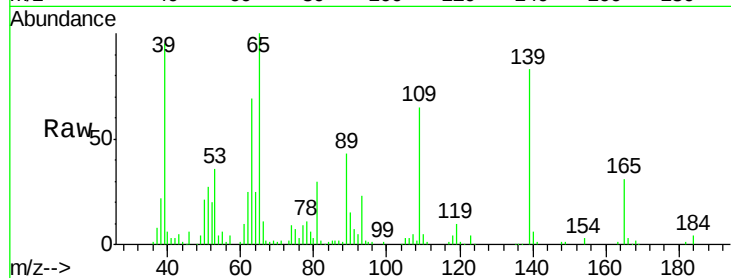
Tgt Ion:139 Resp: 170242

Ion Ratio Lower Upper

139 100

109 78.5 36.9 76.9#

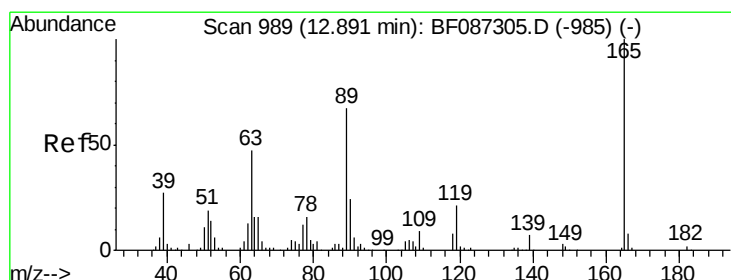
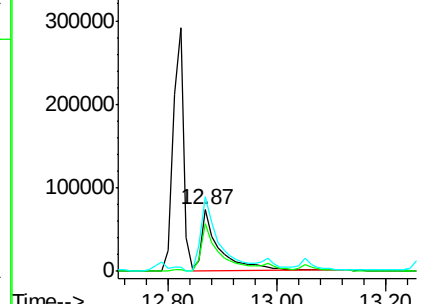
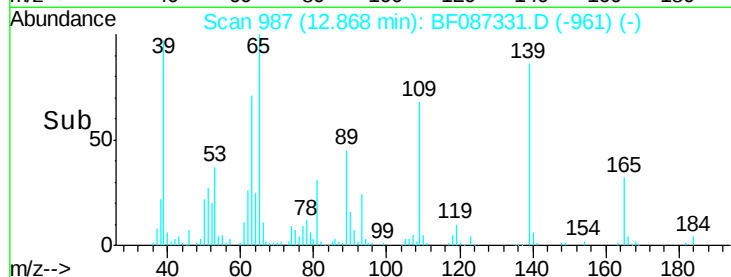
65 121.1 64.0 104.0#



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: 38.96 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Tgt Ion:165 Resp: 226409

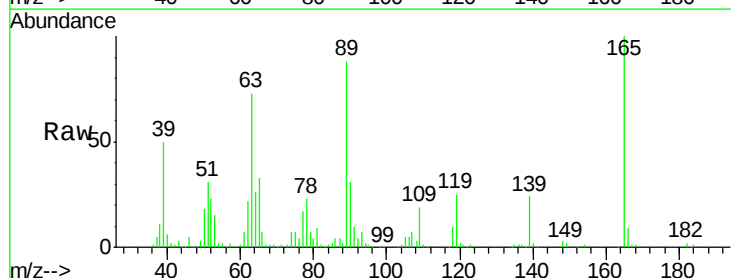
Ion Ratio Lower Upper

165 100

63 72.8 44.3 66.5#

89 87.9 70.0 105.0

182 2.4 1.8 2.6

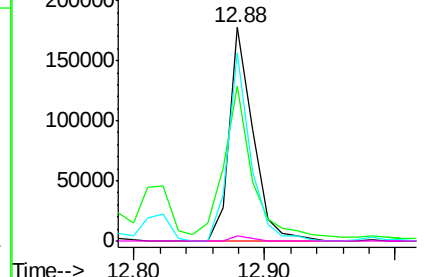
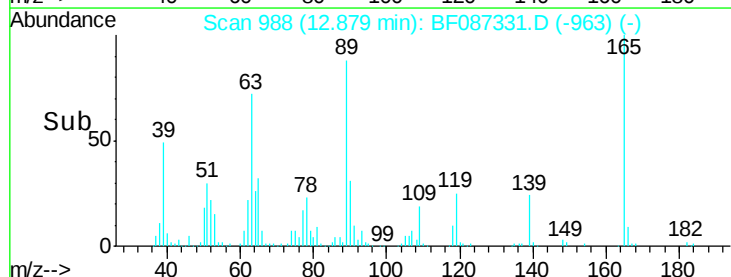


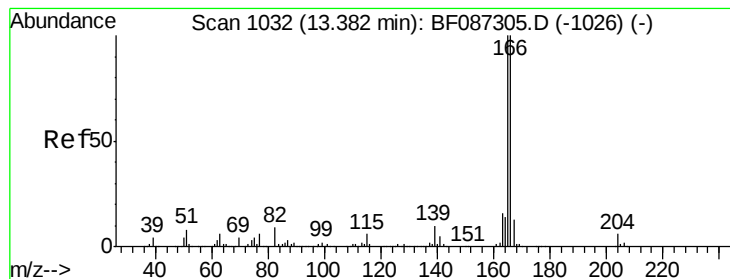
Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.18 ng

RT: 13.37 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

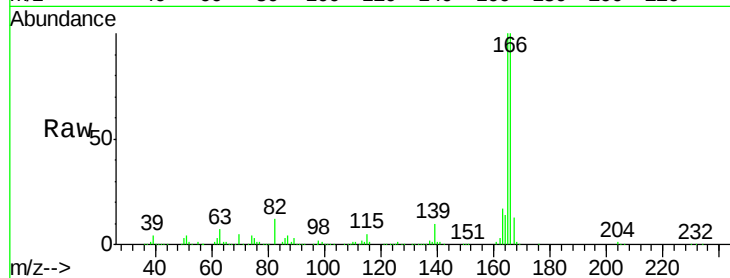
Tgt Ion:166 Resp: 736828

Ion Ratio Lower Upper

166 100

165 100.1 79.0 118.6

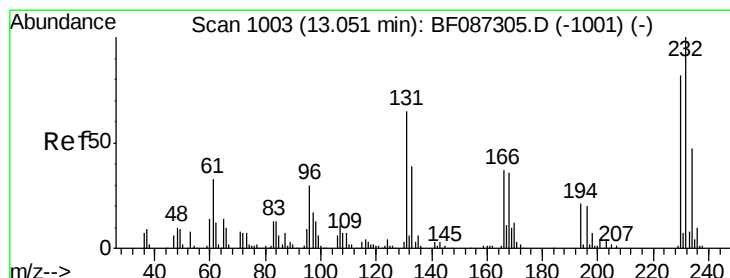
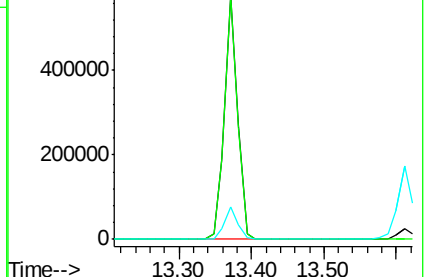
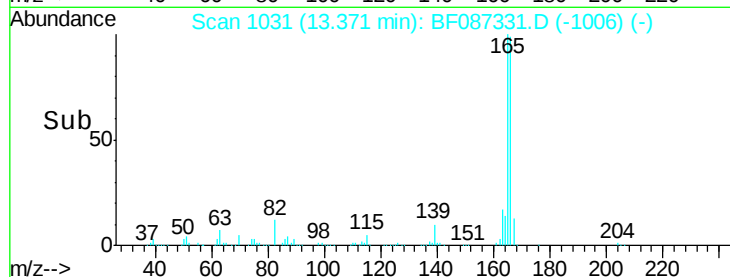
167 13.4 10.6 15.8



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: 43.49 ng

RT: 13.05 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Tgt Ion:232 Resp: 169531

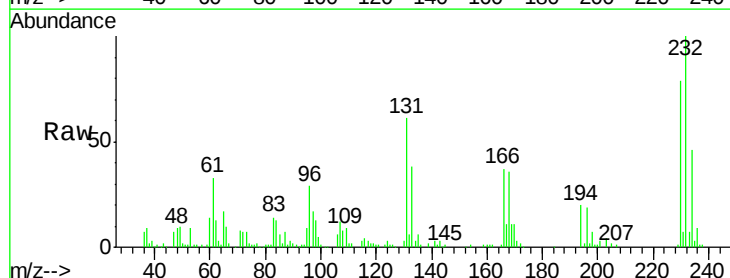
Ion Ratio Lower Upper

232 100

131 53.7 41.9 62.9

130 2.6 2.2 3.4

166 32.3 26.8 40.2

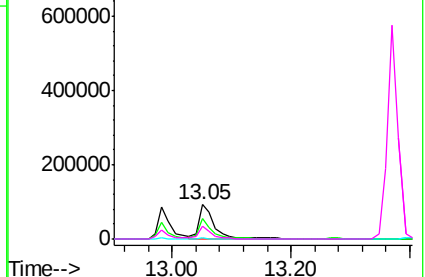
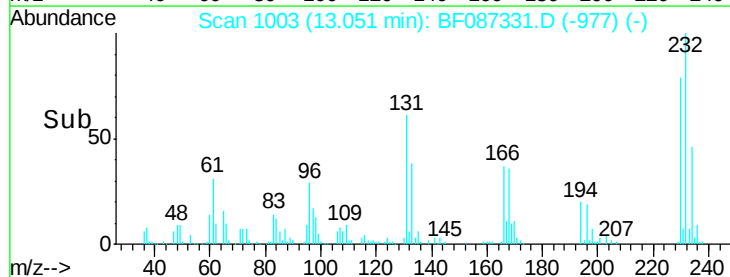


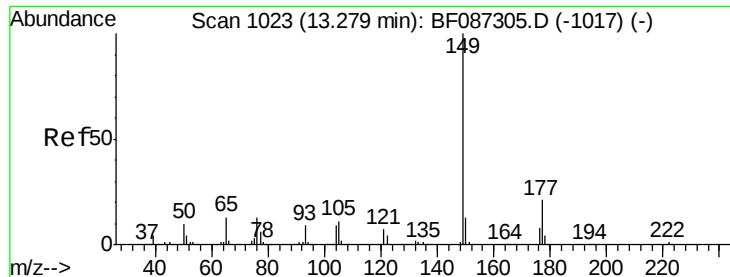
Abundance Ion 232.00 (231.70 to 232.70): E

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

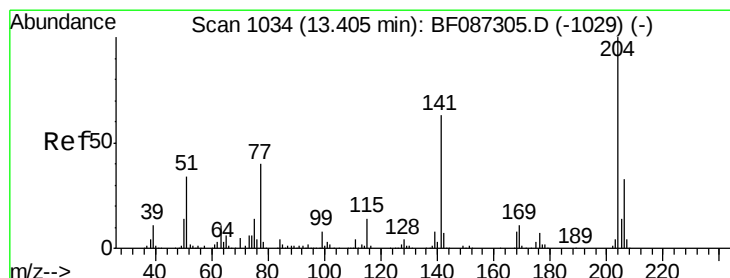
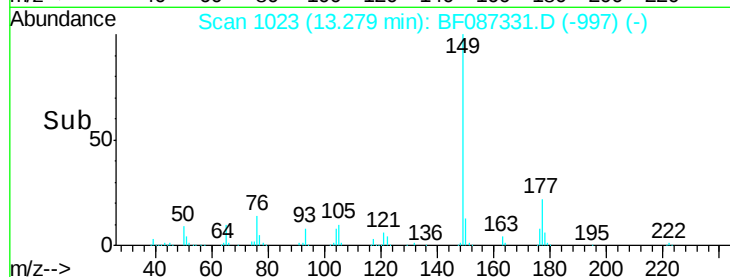
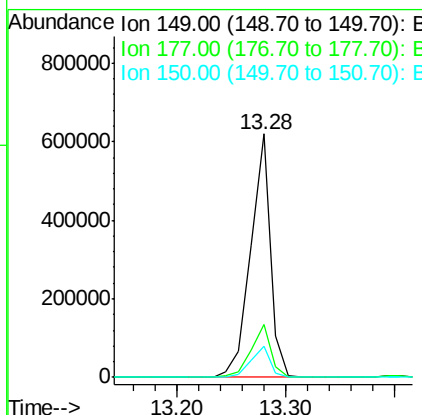
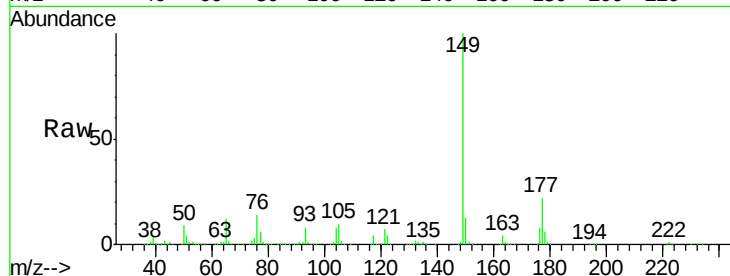




#59
Diethylphthalate
Concen: 37.75 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

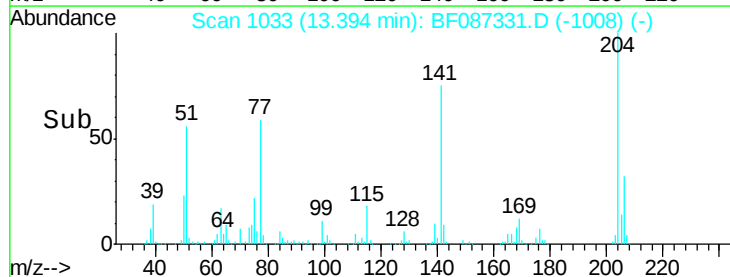
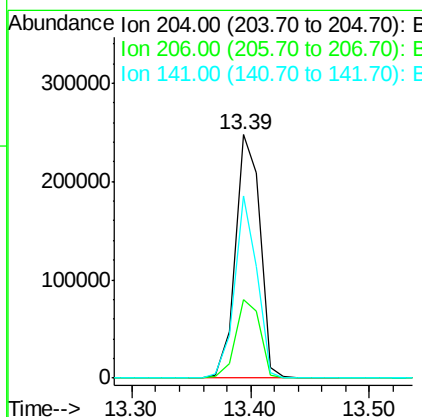
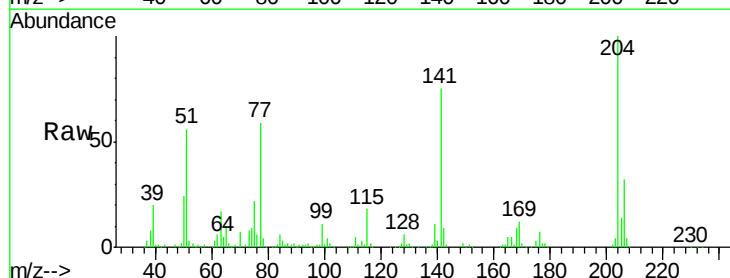
Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

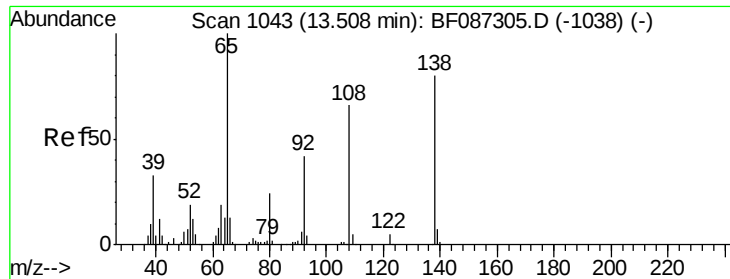
Tgt Ion:149 Resp: 791903
Ion Ratio Lower Upper
149 100
177 21.7 16.6 24.8
150 12.6 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 36.95 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion:204 Resp: 357162
Ion Ratio Lower Upper
204 100
206 32.4 25.4 38.0
141 74.8 61.6 92.4

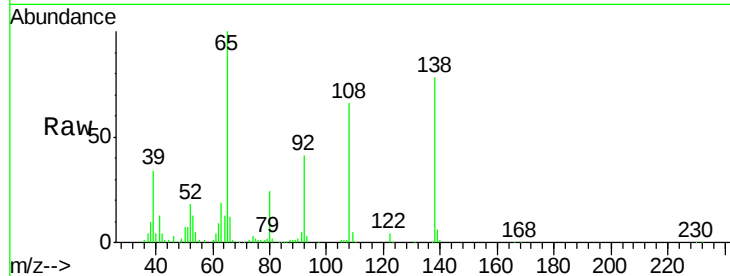




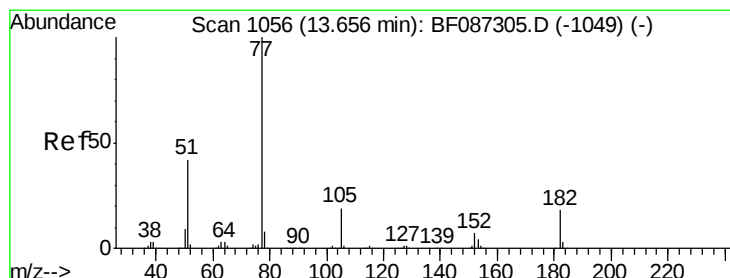
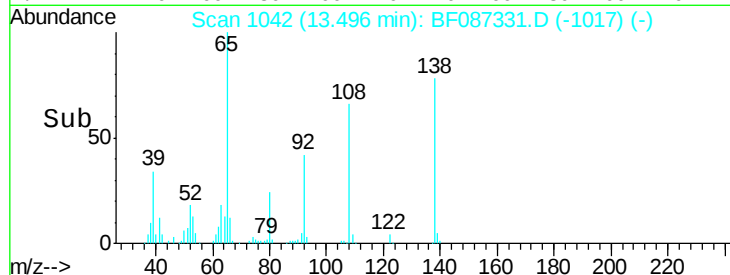
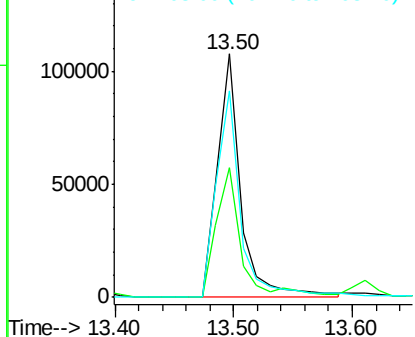
#61
4-Nitroaniline
Concen: 35.09 ng
RT: 13.50 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

Tgt Ion: 138 Resp: 146141
Ion Ratio Lower Upper
138 100
92 53.1 24.7 64.7
108 84.7 37.4 77.4#

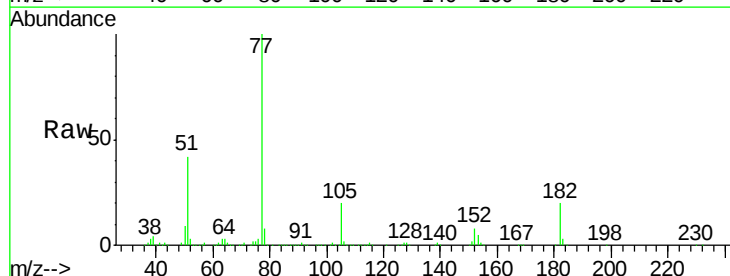


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

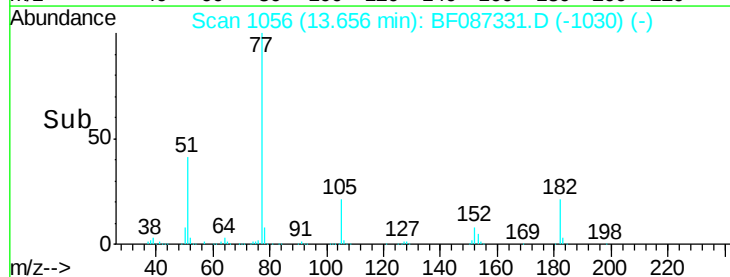
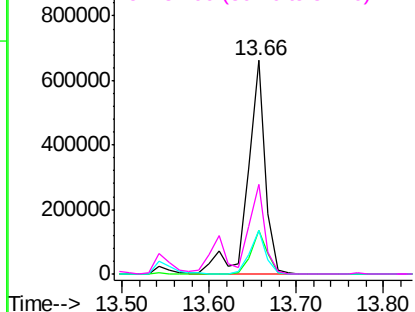


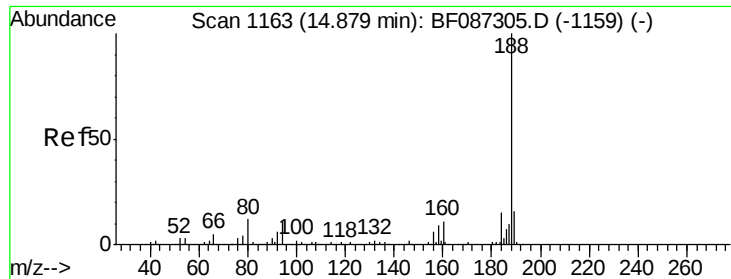
#62
Azobenzene
Concen: 42.52 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion: 77 Resp: 925414
Ion Ratio Lower Upper
77 100
182 20.5 0.0 38.8
105 20.5 3.2 43.2
51 42.1 8.8 48.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

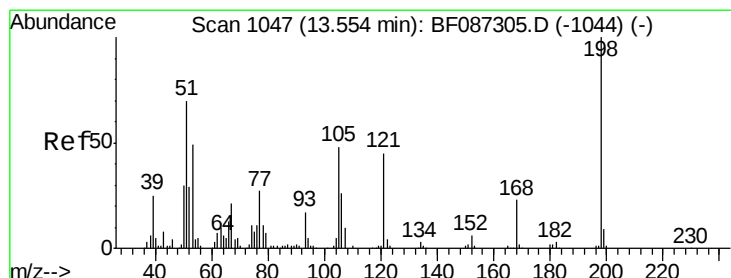
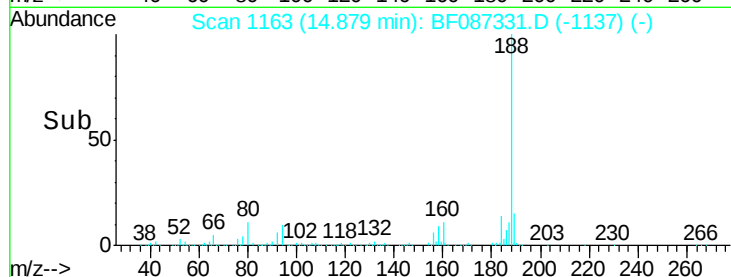
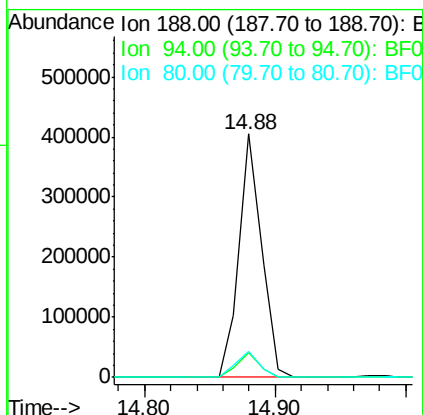
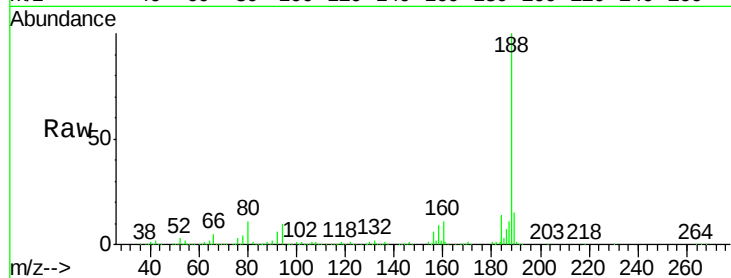




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

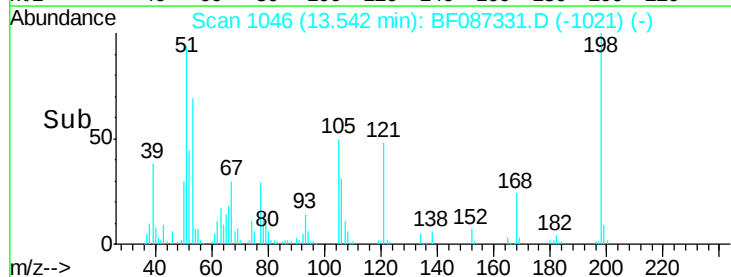
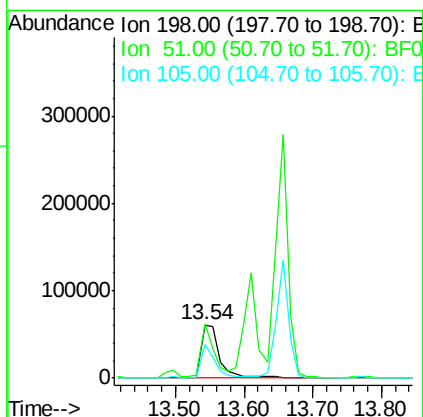
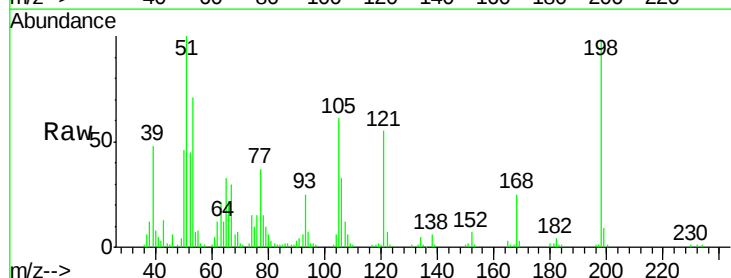
Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

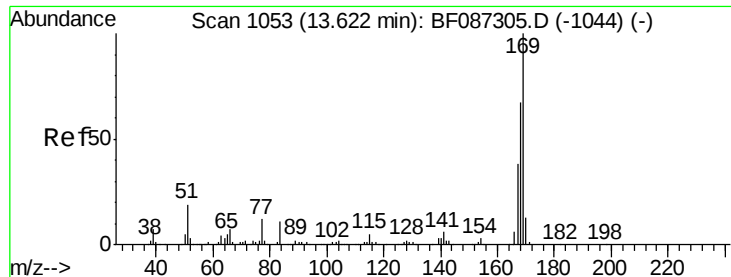
Tgt Ion:188 Resp: 487572
Ion Ratio Lower Upper
188 100
94 10.1 6.8 10.2
80 10.7 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 36.46 ng
RT: 13.54 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion:198 Resp: 113041
Ion Ratio Lower Upper
198 100
51 101.8 20.5 60.5#
105 62.5 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 40.11 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

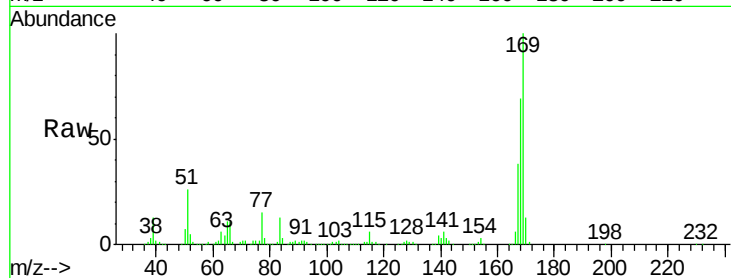
Tgt Ion:169 Resp: 632526

Ion Ratio Lower Upper

169 100

168 68.6 53.8 80.6

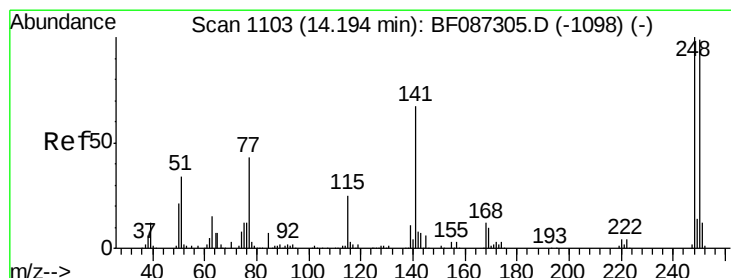
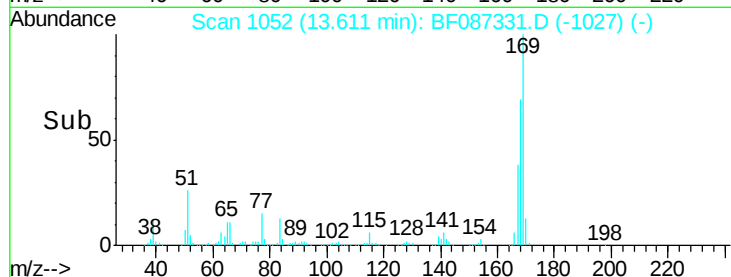
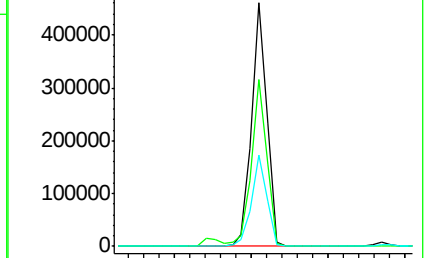
167 37.5 29.5 44.3



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: 37.68 ng

RT: 14.18 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

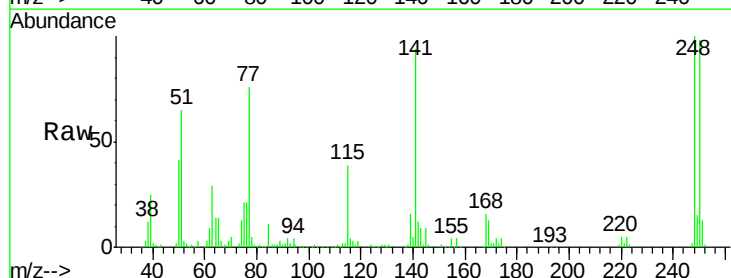
Tgt Ion:248 Resp: 201010

Ion Ratio Lower Upper

248 100

250 97.5 78.6 117.8

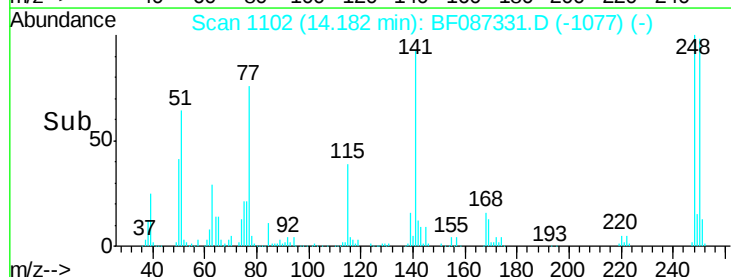
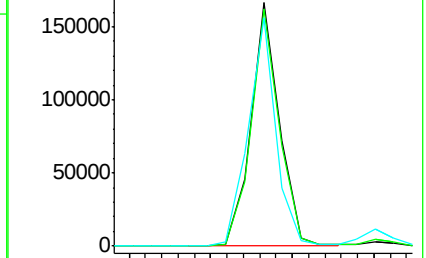
141 93.9 76.0 114.0

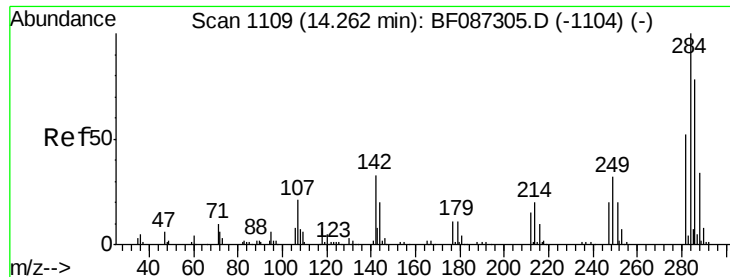


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

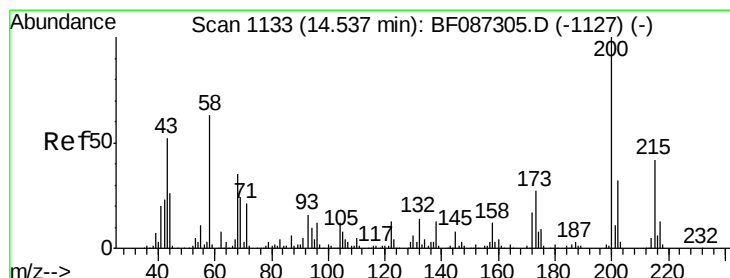
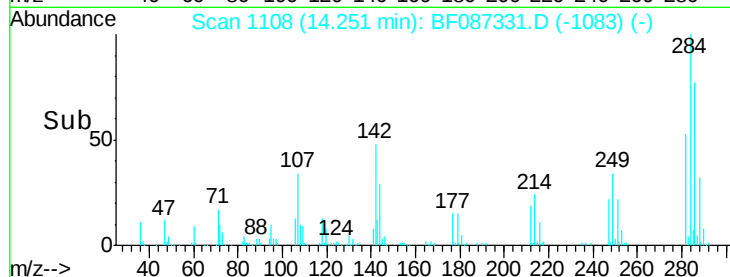
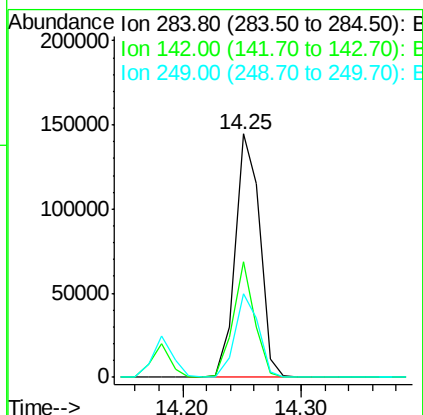
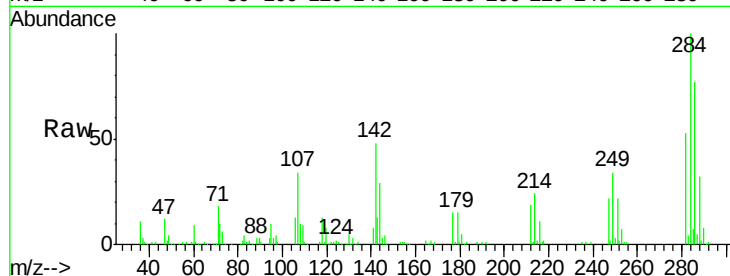




#67
Hexachlorobenzene
Concen: 37.37 ng
RT: 14.25 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

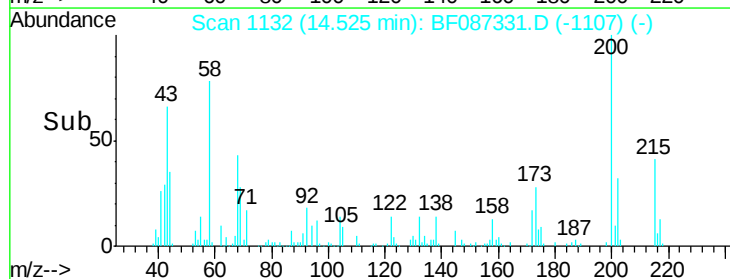
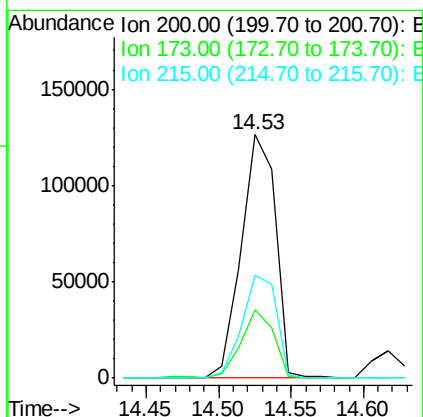
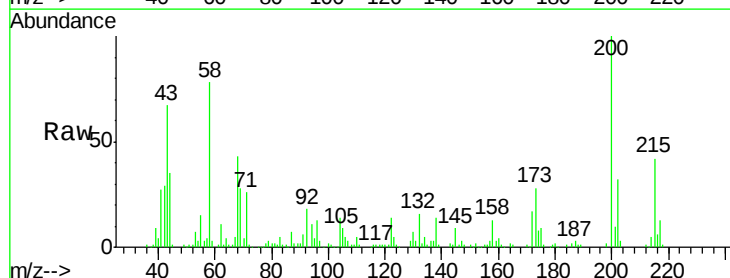
Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

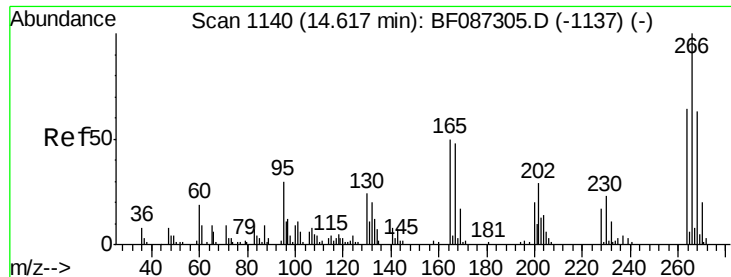
Tgt Ion	Ratio	Lower	Upper
284	100		
142	47.5	16.7	25.1#
249	34.1	21.3	31.9#



#68
Atrazine
Concen: 41.03 ng
RT: 14.53 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.2	8.5	48.5
215	42.0	27.2	67.2





#69

Pentachlorophenol

Concen: 78.06 ng

RT: 14.62 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

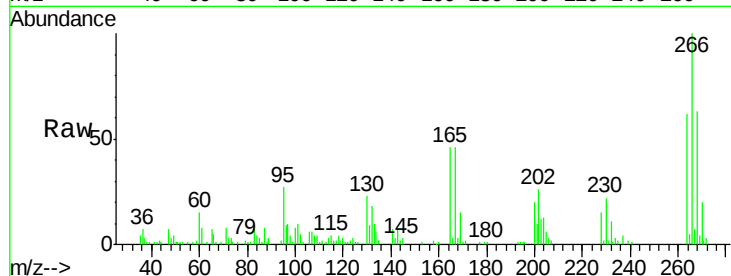
Tgt Ion:266 Resp: 135056

Ion Ratio Lower Upper

266 100

268 62.5 51.5 77.3

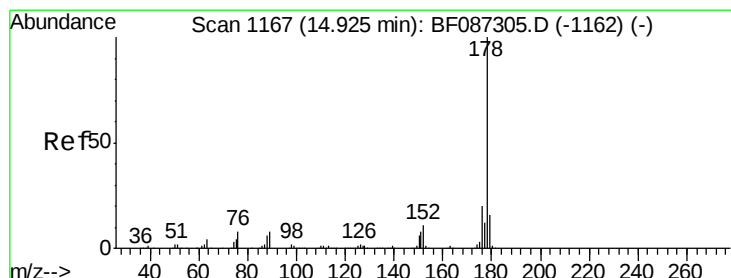
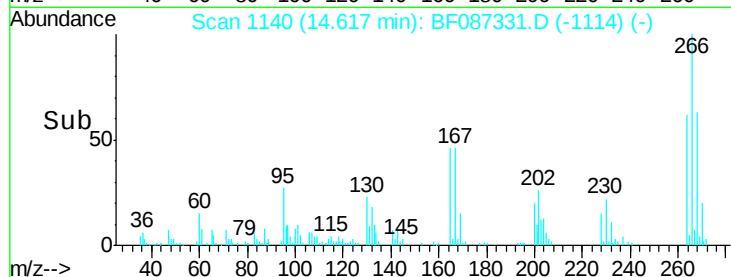
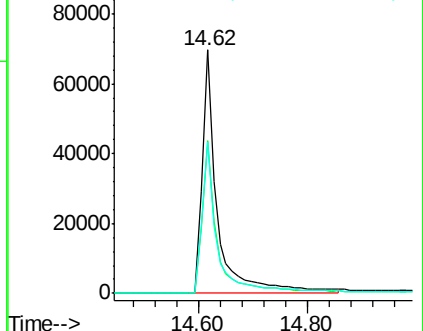
264 62.2 52.9 79.3



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: 38.51 ng

RT: 14.91 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

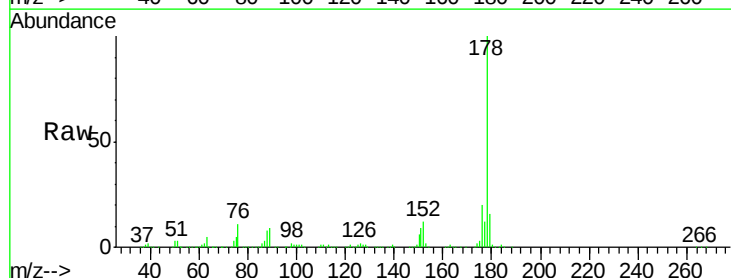
Tgt Ion:178 Resp: 1039951

Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

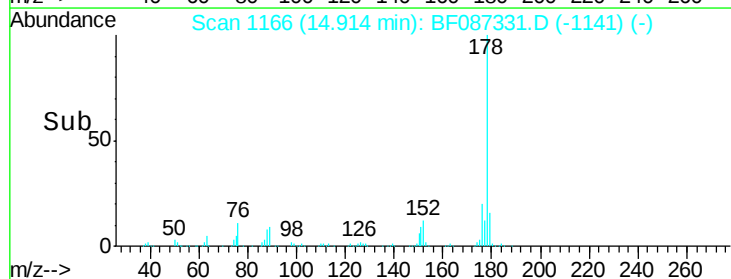
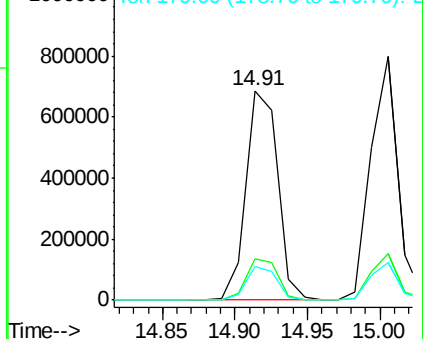
179 15.8 12.6 18.8

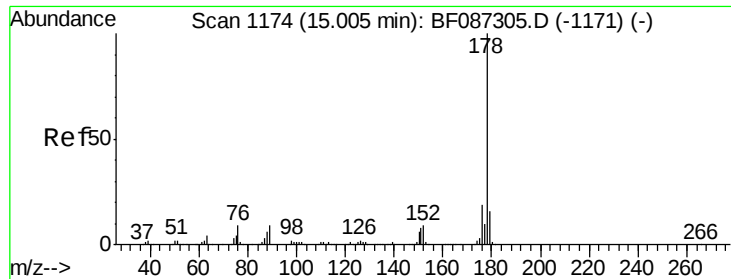


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

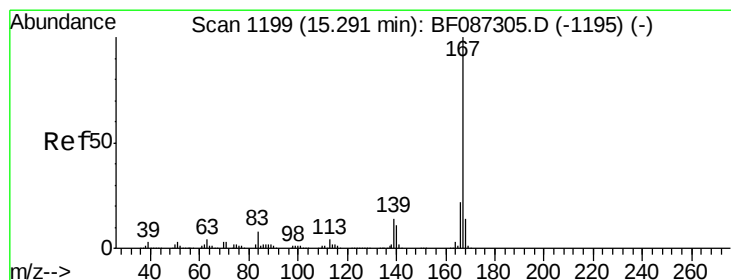
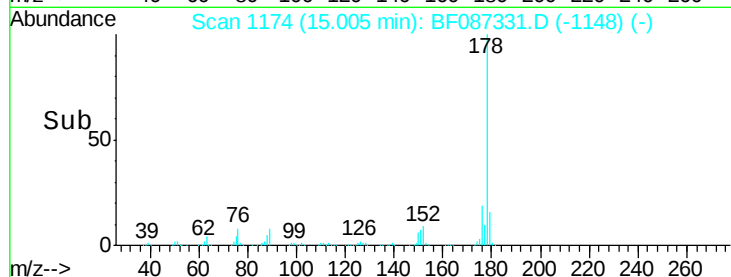
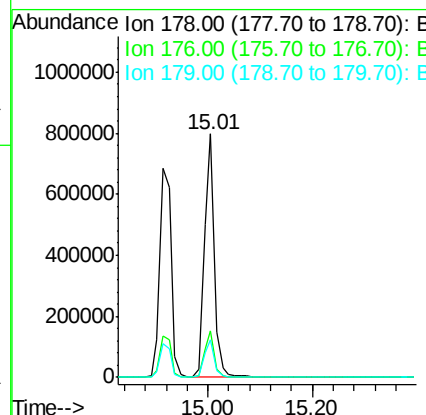
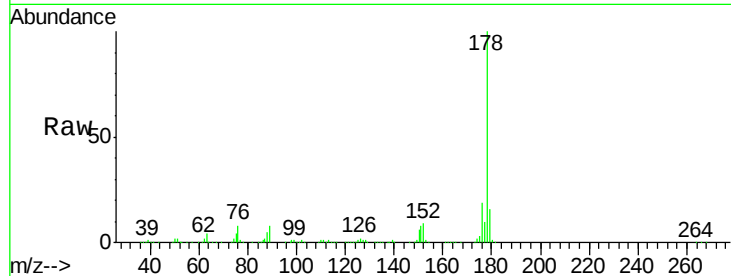




#71
 Anthracene
 Concen: 38.74 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

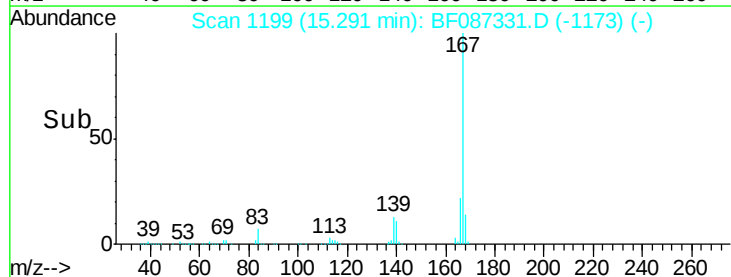
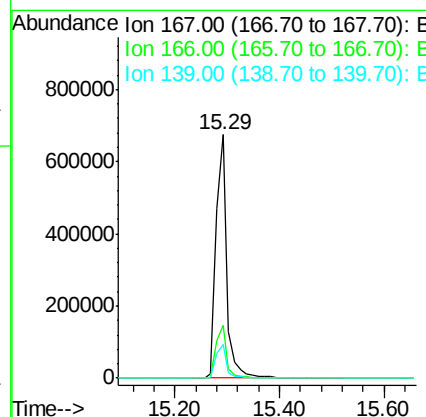
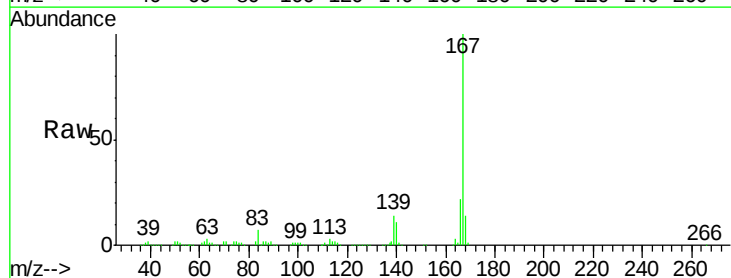
Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

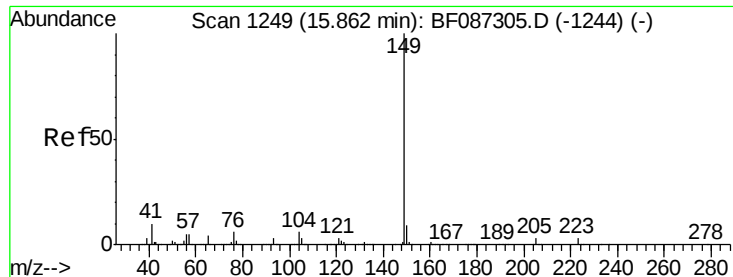
Tgt Ion:178 Resp: 1056810
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 41.41 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion:167 Resp: 963491
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 13.8 10.8 16.2





#73

Di-n-butylphthalate

Concen: 39.35 ng

RT: 15.85 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

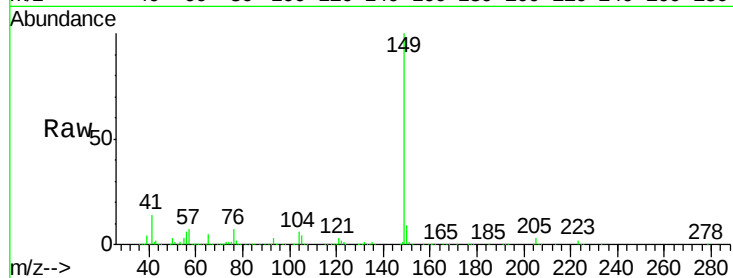
Tgt Ion:149 Resp: 1184180

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

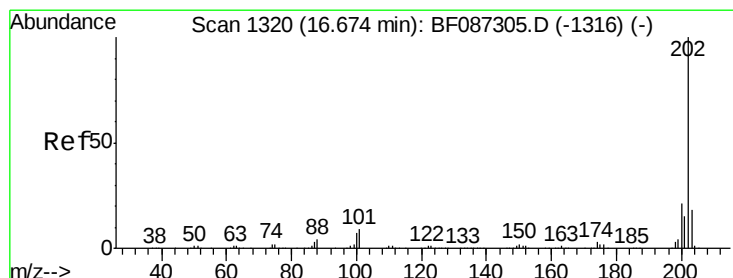
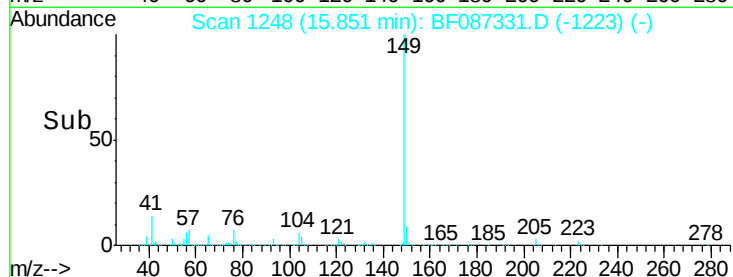
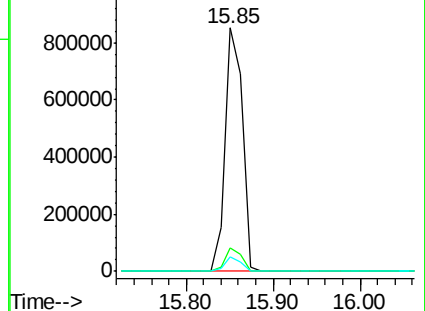
104 6.2 3.8 5.6#



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: 37.12 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

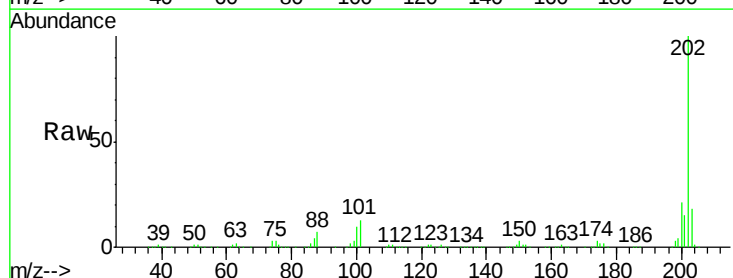
Tgt Ion:202 Resp: 1005253

Ion Ratio Lower Upper

202 100

101 13.0 0.0 35.4

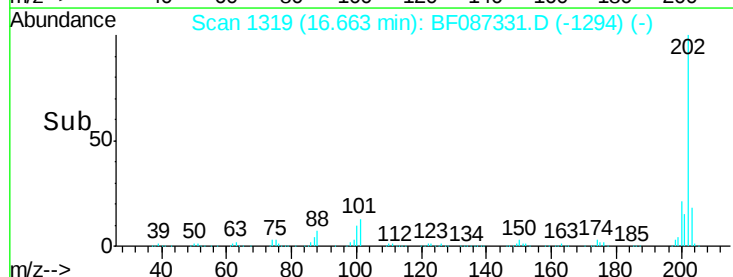
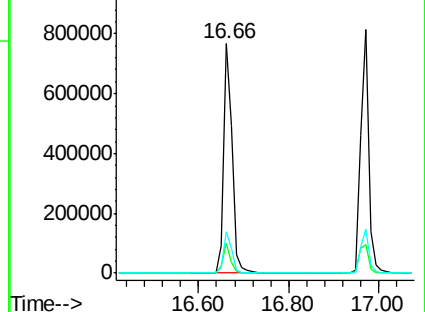
203 17.9 0.0 38.1

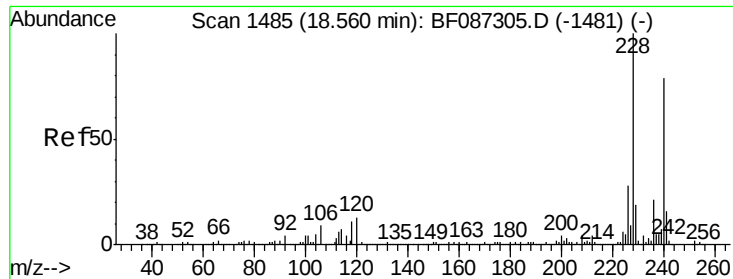


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

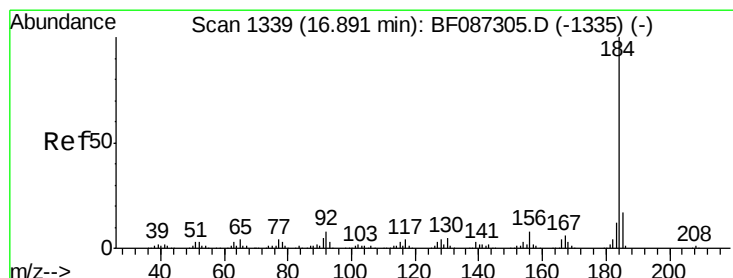
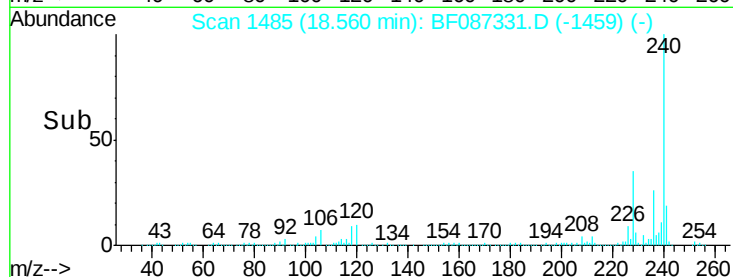
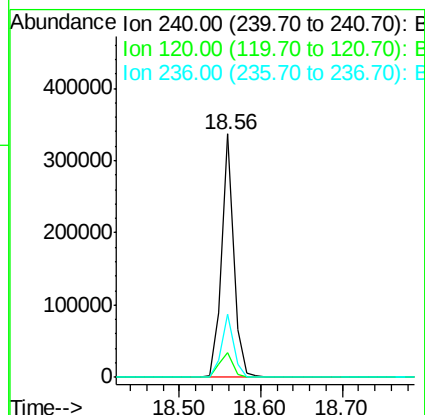
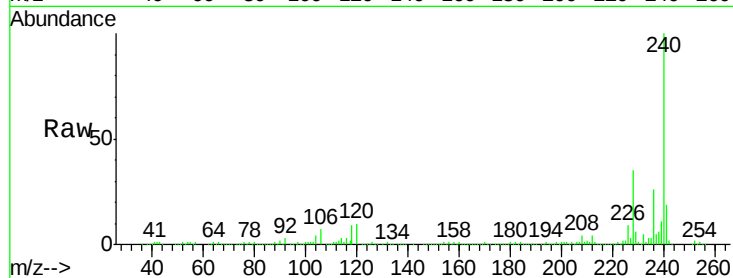




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.56 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

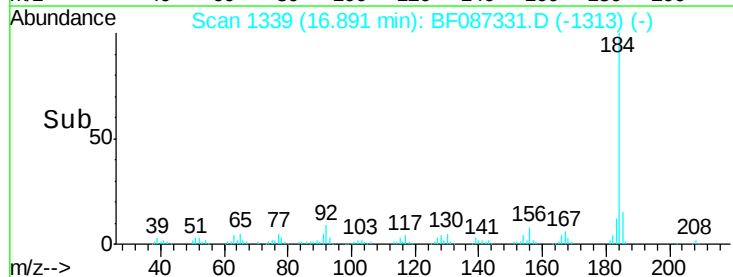
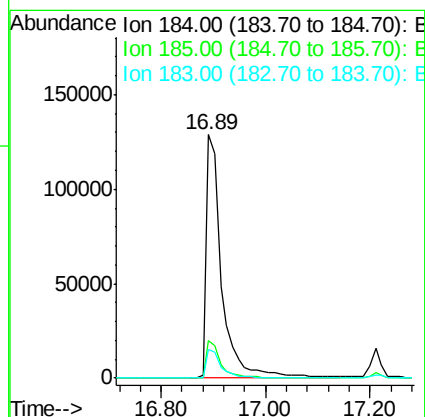
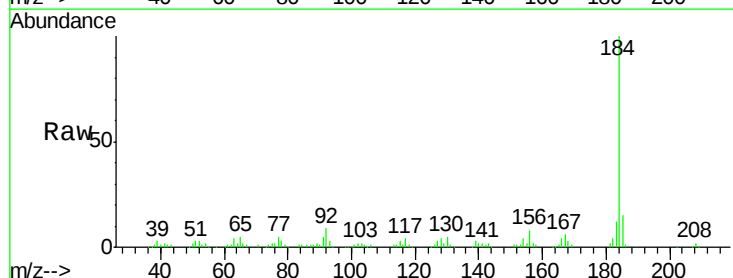
Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

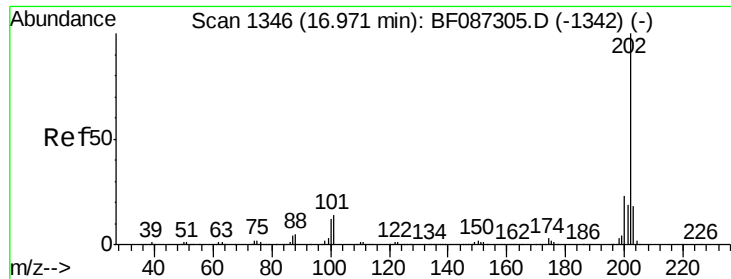
Tgt Ion:240 Resp: 346651
 Ion Ratio Lower Upper
 240 100
 120 10.2 11.2 16.8#
 236 25.8 21.2 31.8



#76
 Benzidine
 Concen: 30.01 ng
 RT: 16.89 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion:184 Resp: 267657
 Ion Ratio Lower Upper
 184 100
 185 15.2 13.6 20.4
 183 11.8 9.8 14.6

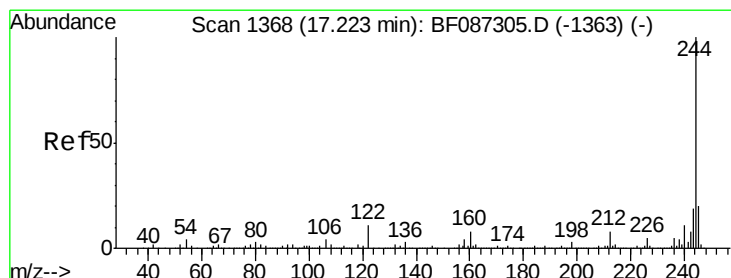
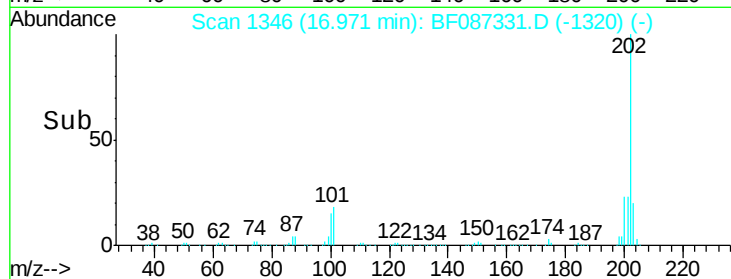
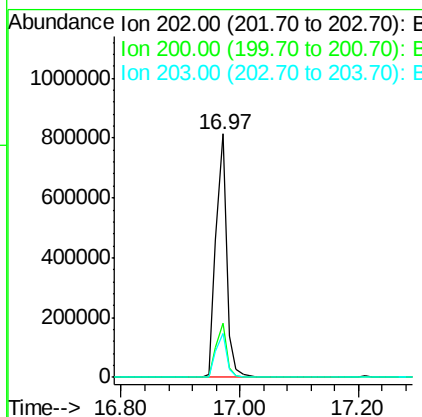
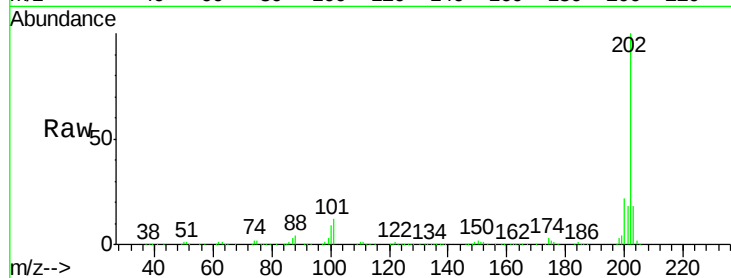




#77
 Pyrene
 Concen: 40.59 ng
 RT: 16.97 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

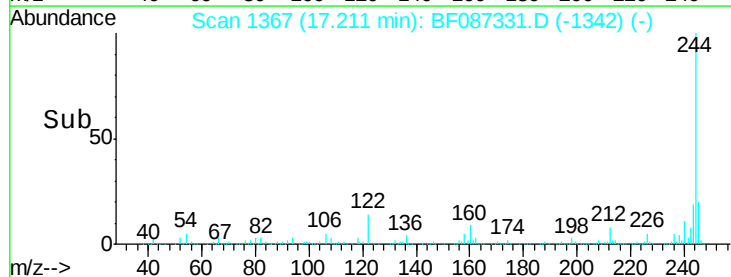
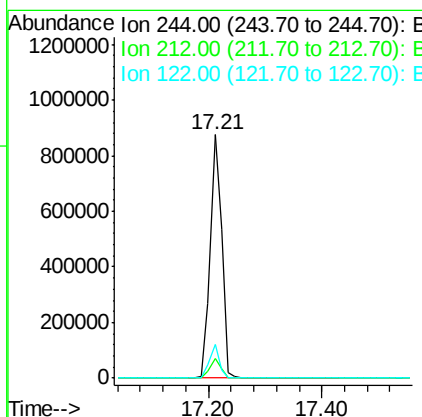
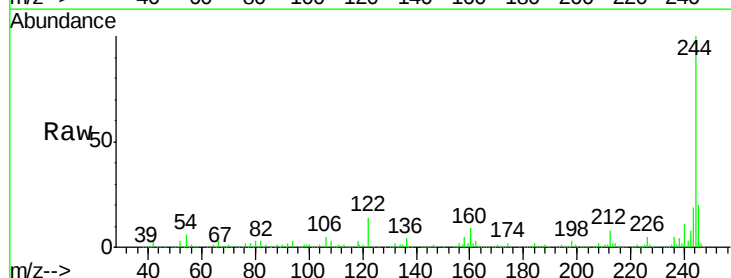
Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

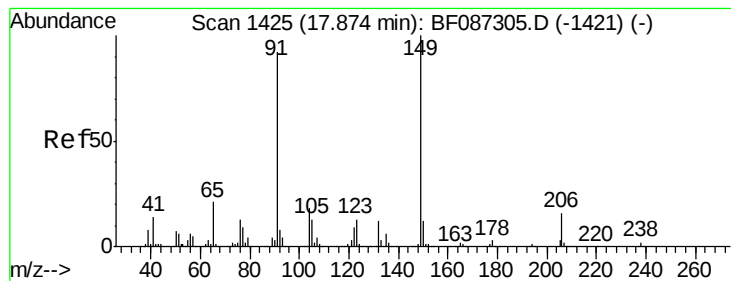
Tgt Ion: 202 Resp: 1012878
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.7 26.5
 203 18.0 14.2 21.4



#78
 Terphenyl-d14
 Concen: 72.53 ng
 RT: 17.21 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion: 244 Resp: 1182627
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 13.8 12.0 18.0





#79

Butylbenzylphthalate

Concen: 41.09 ng

RT: 17.87 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

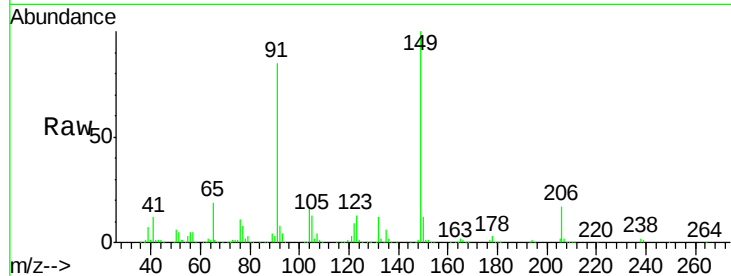
Tgt Ion:149 Resp: 454701

Ion Ratio Lower Upper

149 100

91 85.0 48.0 72.0#

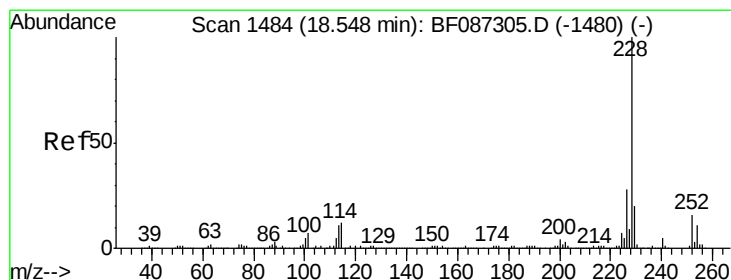
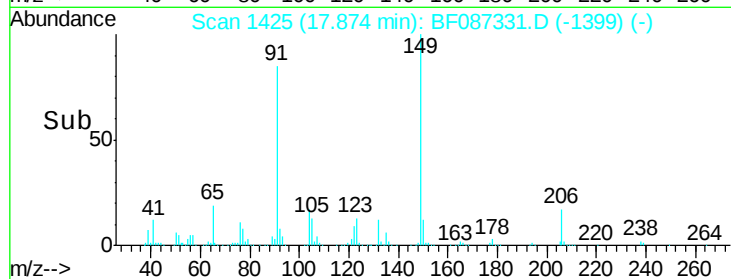
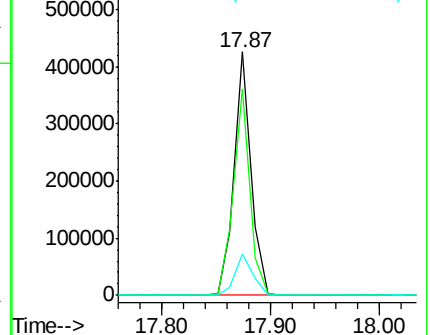
206 16.8 15.8 23.6



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: 38.81 ng

RT: 18.55 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

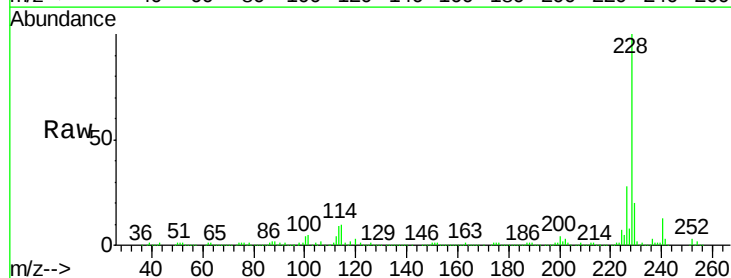
Tgt Ion:228 Resp: 765348

Ion Ratio Lower Upper

228 100

226 27.6 22.5 33.7

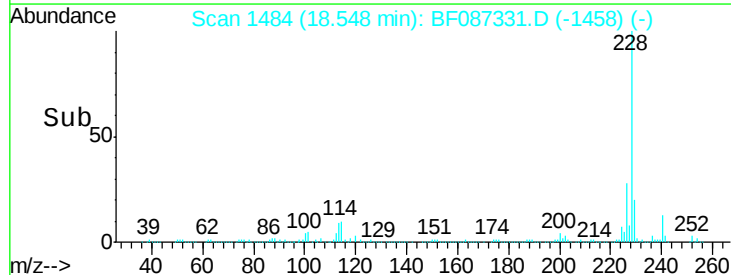
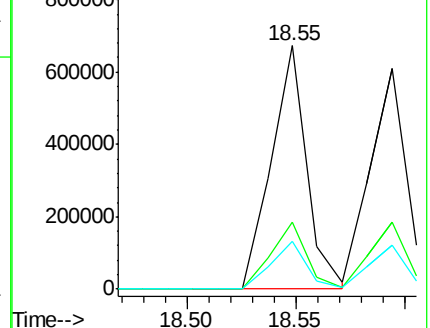
229 19.8 16.6 25.0

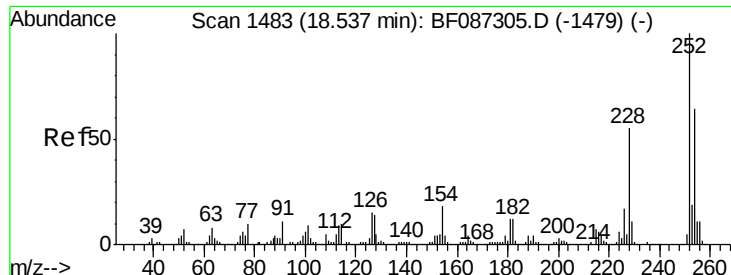


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

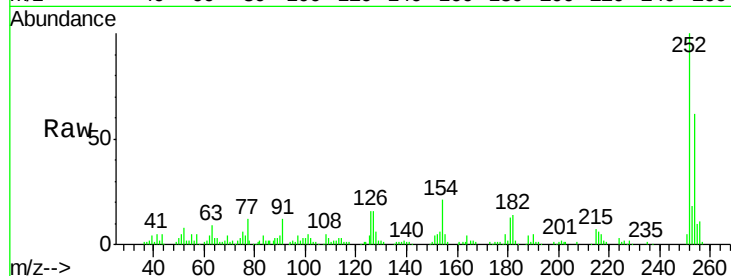




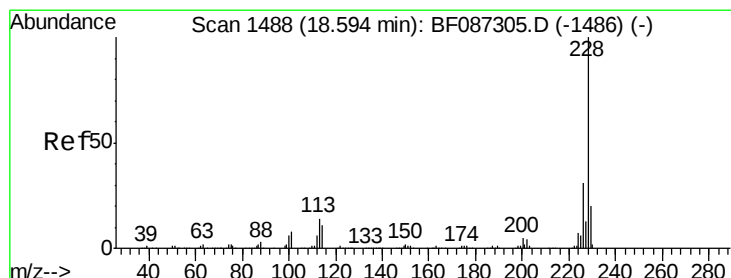
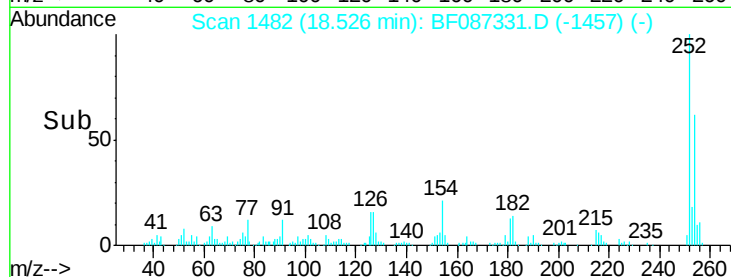
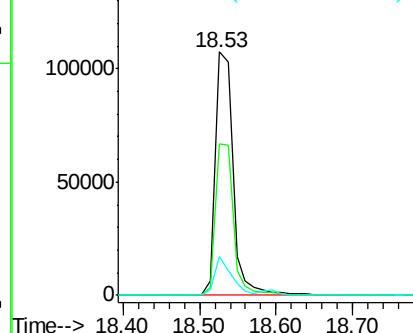
#81
 3,3'-Dichlorobenzidine
 Concen: 15.82 ng
 RT: 18.53 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.2	50.7	76.1
126	16.2	12.7	19.1

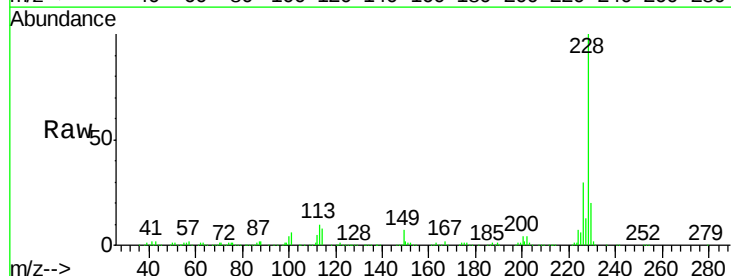


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

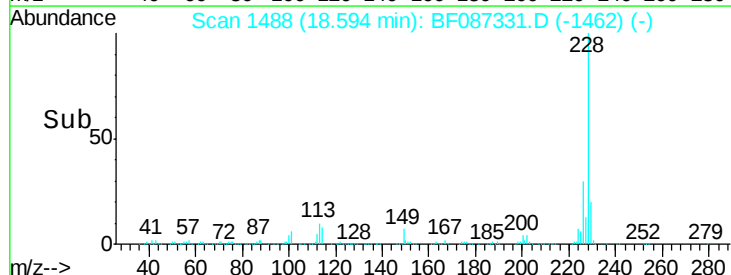
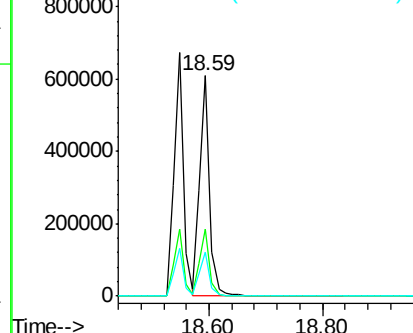


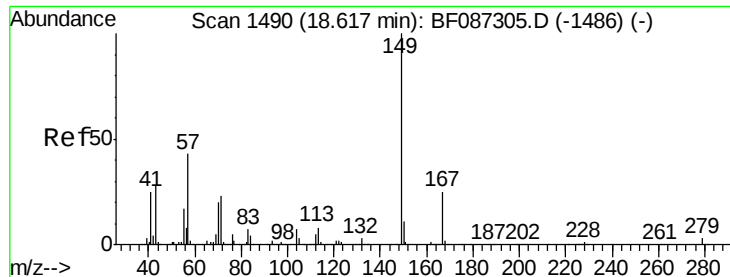
#82
 Chrysene
 Concen: 37.43 ng
 RT: 18.59 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	19.7	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

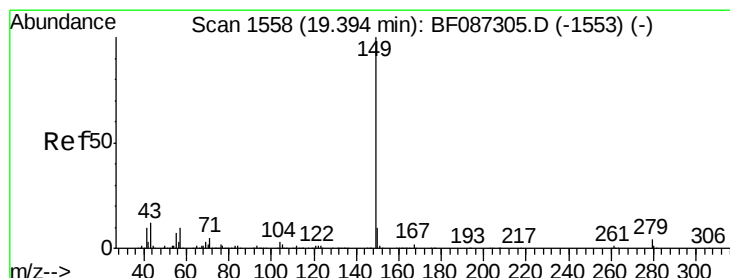
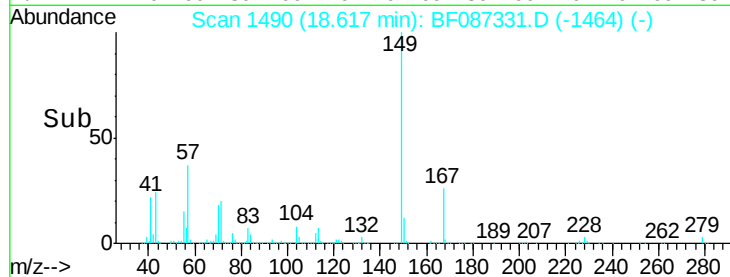
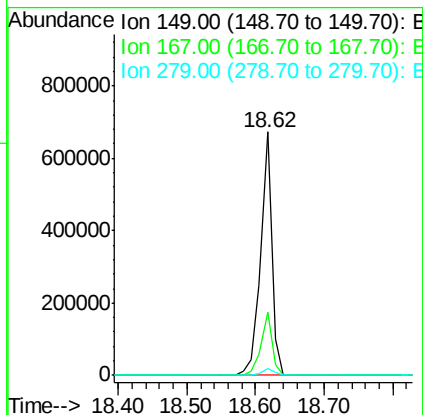
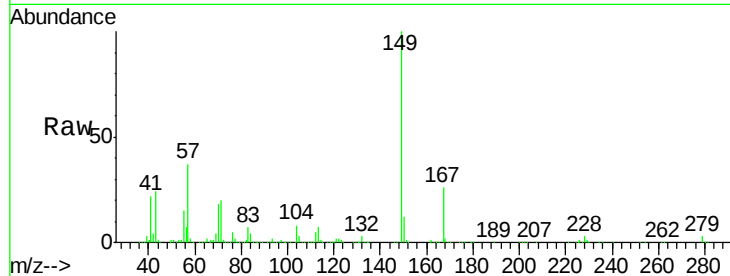




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.21 ng
 RT: 18.62 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

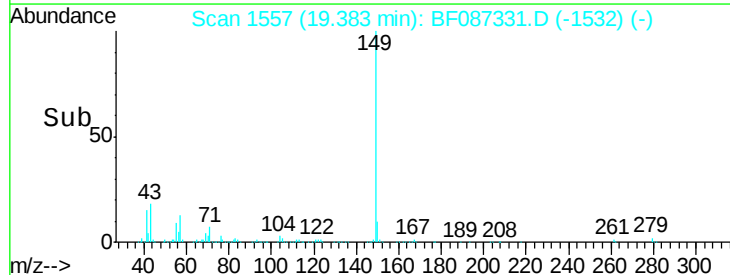
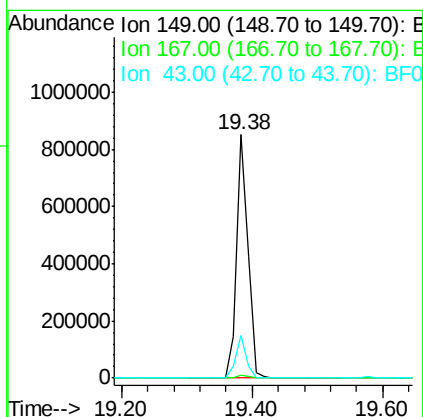
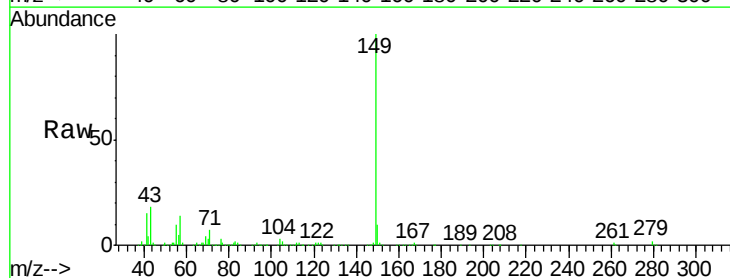
Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

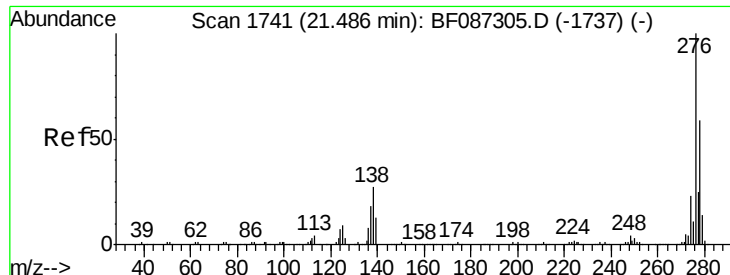
Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.8	32.6
279	2.8	2.6	4.0



#84
 Di-n-octyl phthalate
 Concen: 40.51 ng
 RT: 19.38 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	16.4	8.2	12.4#

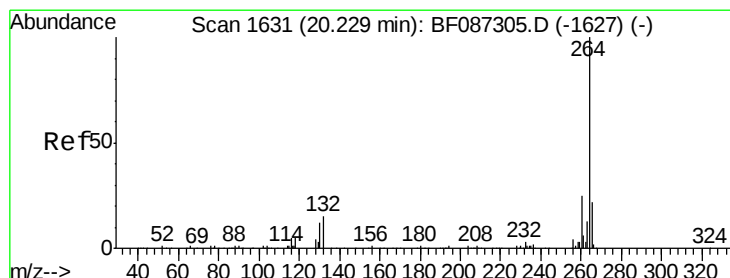
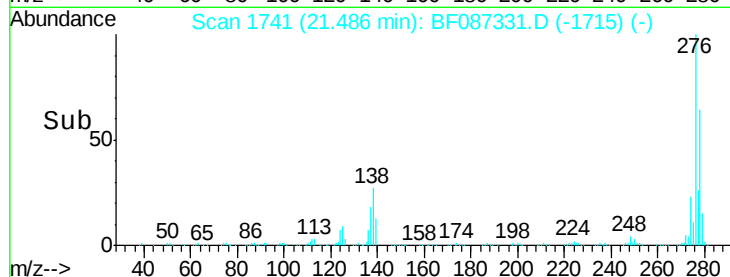
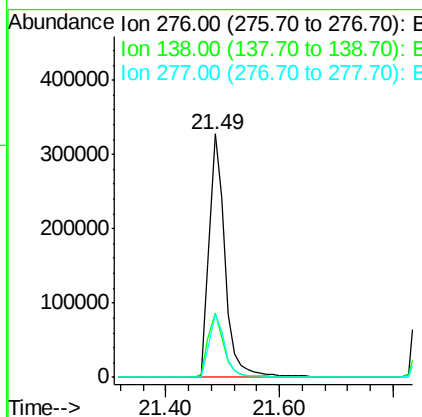
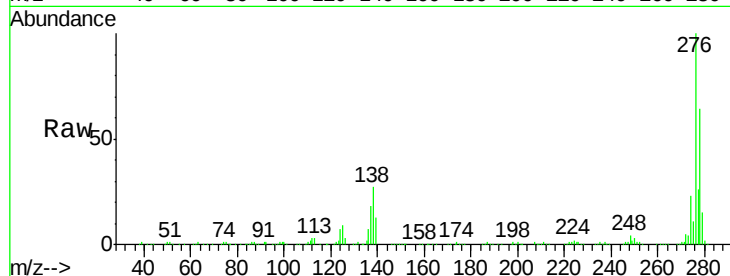




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.57 ng
 RT: 21.49 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

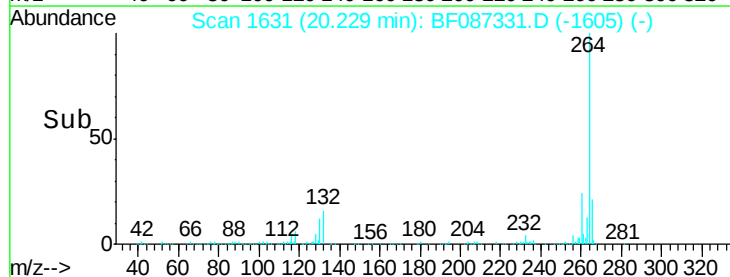
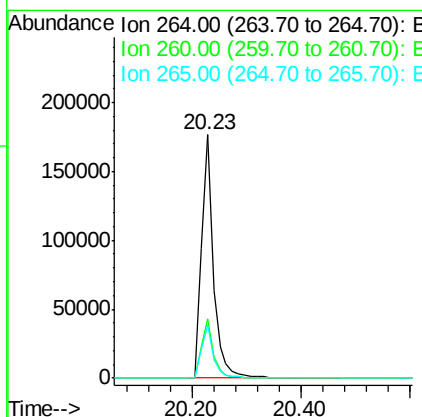
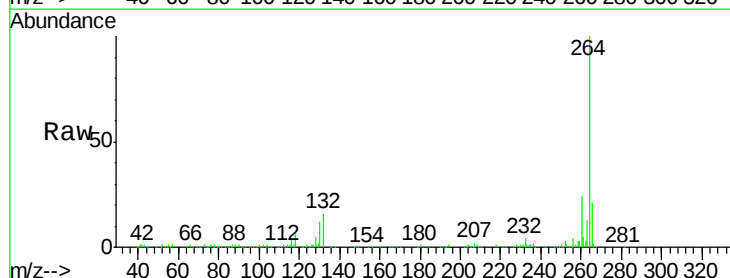
Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

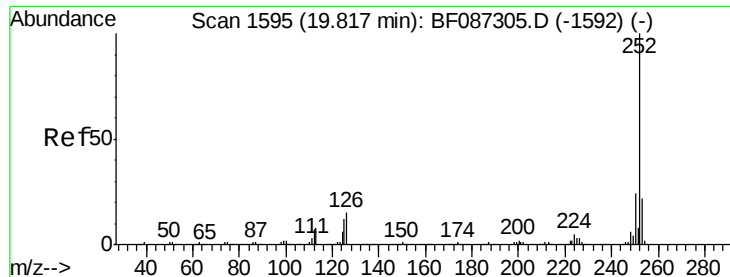
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.1	25.6	38.4
277	25.8	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.23 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 73.76 ng

RT: 19.82 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

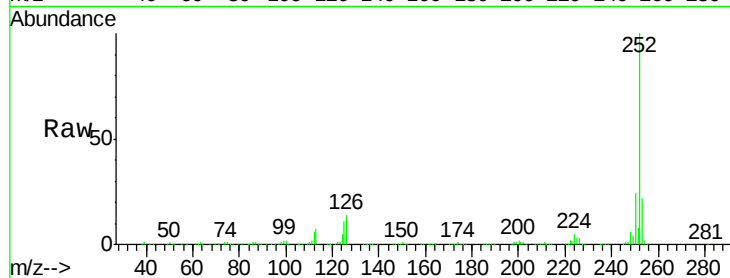
Tgt Ion:252 Resp: 1240720

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

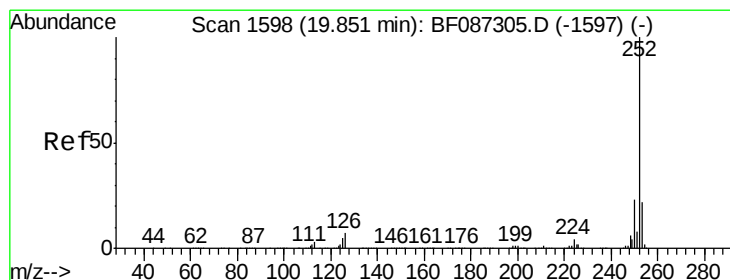
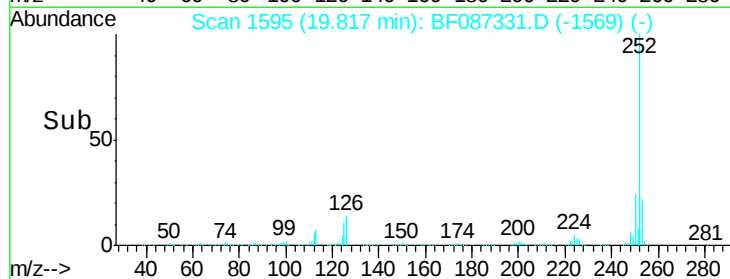
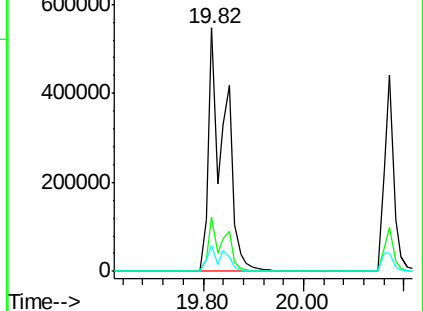
125 10.5 11.4 17.0#



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: 85.74 ng

RT: 19.82 min Scan# 1595

Delta R.T. -0.03 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

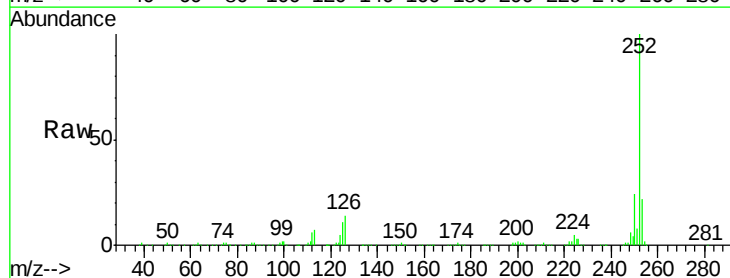
Tgt Ion:252 Resp: 1241465

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

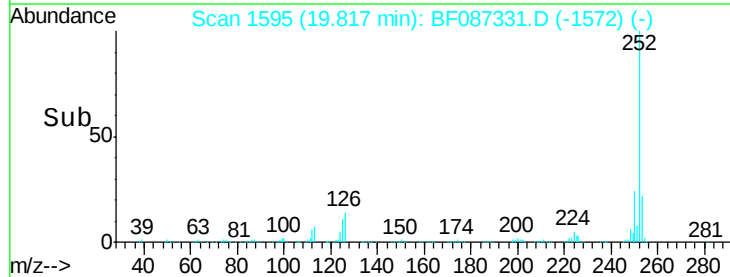
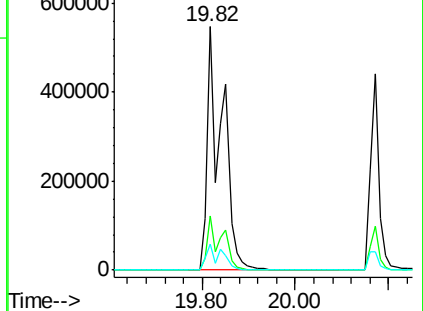
125 10.5 9.1 13.7

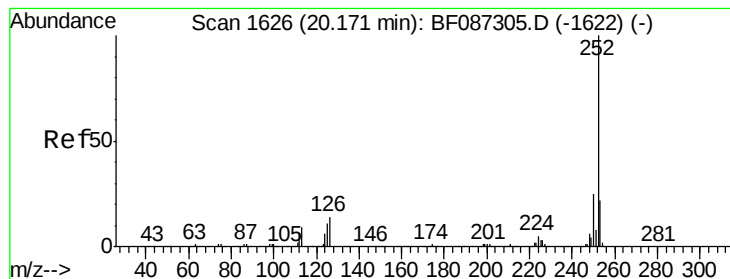


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.05 ng

RT: 20.17 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

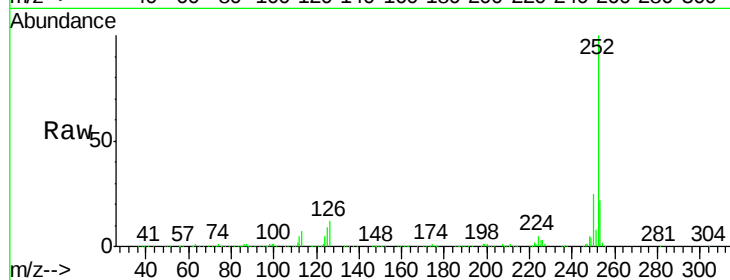
Tgt Ion:252 Resp: 582670

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

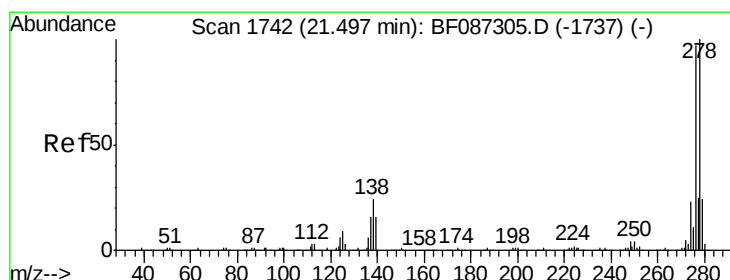
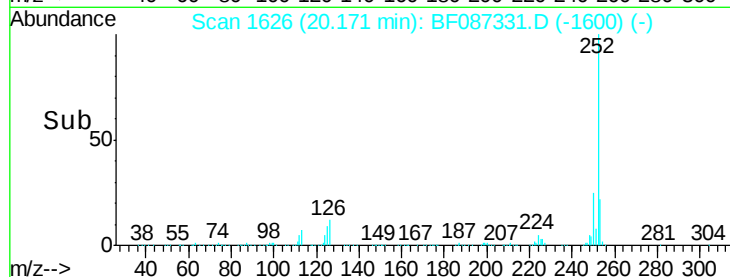
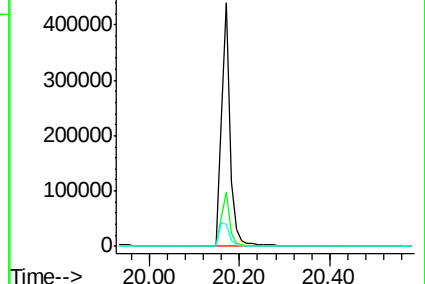
125 9.3 9.0 13.6



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: 42.67 ng

RT: 21.50 min Scan# 1742

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

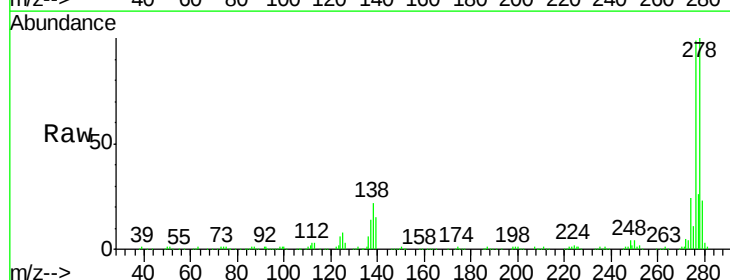
Tgt Ion:278 Resp: 529498

Ion Ratio Lower Upper

278 100

139 14.8 16.6 24.8#

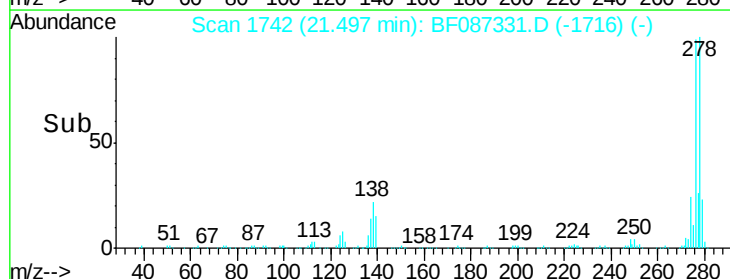
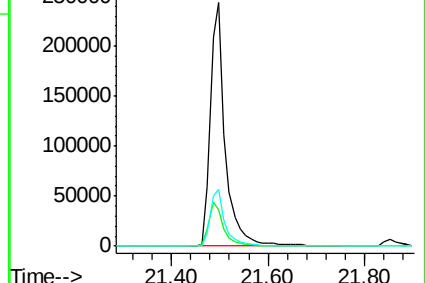
279 23.4 19.6 29.4

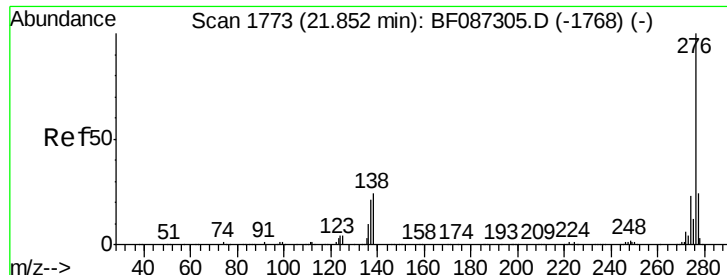


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.44 ng

RT: 21.85 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS

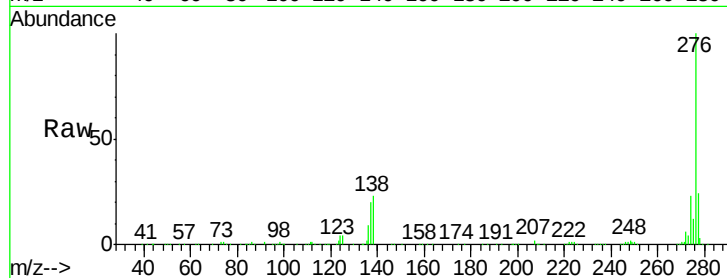
Tgt Ion: 276 Resp: 519596

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 23.0 23.6 35.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

