

Data Path : Z:\HPCHEM1\BNA F\Data\BF052516\
 Data File : BF087403.D
 Acq On : 26 May 2016 9:18
 Operator : UM/SJ
 Sample : H3220-16MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 15:40:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	103242	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	400003	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	170436	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	278949	20.00	ng	0.00
75) Chrysene-d12	18.48	240	216023	20.00	ng	0.00
86) Perylene-d12	20.14	264	153004	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	964368	164.13	ng	0.03
7) Phenol-d6	7.10	99	1203150	151.55	ng	0.02
23) Nitrobenzene-d5	8.44	82	821515	103.51	ng	0.00
41) 2,4,6-Tribromophenol	13.68	330	214680	131.07	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1240669	102.62	ng	0.00
78) Terphenyl-d14	17.13	244	901461	88.72	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.90	88	114850	37.05	ng	# 66
3) Pyridine	2.49	79	283859	41.88	ng	# 63
4) n-Nitrosodimethylamine	2.46	42	285504	54.67	ng	# 43
6) Aniline	7.03	93	280198	27.28	ng	94
8) 2-Chlorophenol	7.21	128	366236	49.98	ng	89
9) Benzaldehyde	6.84	77	60137	13.72	ng	95
10) Phenol	7.11	94	451545	52.09	ng	# 70
11) bis(2-Chloroethyl)ether	7.16	93	344781	49.14	ng	# 81
12) 1,3-Dichlorobenzene	7.42	146	380570	47.62	ng	# 90
13) 1,4-Dichlorobenzene	7.55	146	385101	46.94	ng	97
14) 1,2-Dichlorobenzene	7.78	146	364568	48.04	ng	98
15) Benzyl Alcohol	7.83	79	345331	59.66	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.02	45	721336	45.69	ng	85
17) 2-Methylphenol	8.04	107	297084	50.59	ng	# 87
18) Hexachloroethane	8.30	117	129271	42.23	ng	98
19) n-Nitroso-di-n-propylamine	8.25	70	293012	49.49	ng	# 69
20) 3+4-Methylphenols	8.31	107	387826	54.63	ng	# 59
22) Acetophenone	8.20	105	526472	55.09	ng	# 94
24) Nitrobenzene	8.47	77	426525	50.91	ng	95
25) Isophorone	8.87	82	720771	50.64	ng	99
26) 2-Nitrophenol	8.98	139	175093	51.13	ng	# 86
27) 2,4-Dimethylphenol	9.13	122	308552	51.90	ng	89
28) bis(2-Chloroethoxy)methane	9.24	93	428955	53.50	ng	# 98
29) 2,4-Dichlorophenol	9.39	162	283468	52.91	ng	97
30) 1,2,4-Trichlorobenzene	9.48	180	314351	51.25	ng	99
31) Naphthalene	9.59	128	1005546	50.17	ng	100
32) Benzoic acid	9.38	122	28723	14.07	ng	# 75
33) 4-Chloroaniline	9.74	127	111494	15.10	ng	# 89
34) Hexachlorobutadiene	9.80	225	183365	49.18	ng	98
35) Caprolactam	10.36	113	59879	38.29	ng	# 63
36) 4-Chloro-3-methylphenol	10.60	107	313637	51.78	ng	# 86
37) 2-Methylnaphthalene	10.72	142	645703	51.57	ng	96
39) 1,2,4,5-Tetrachlorobenzene	10.99	216	275501	50.50	ng	99
40) Hexachlorocyclopentadiene	10.96	237	26976	20.05	ng	93

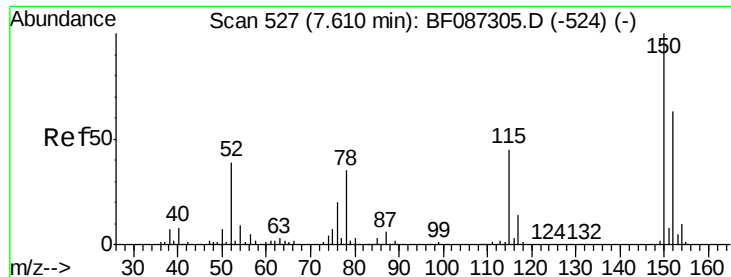
Data Path : Z:\HPCHEM1\BNA F\Data\BF052516\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.22	196	171811	54.56	nq	91
43) 2,4,5-Trichlorophenol	11.30	196	163137	50.87	nq	# 88
45) 1,1'-Biphenyl	11.48	154	748685	52.17	nq	96
46) 2-Chloronaphthalene	11.50	162	552382	50.32	nq	# 91
47) 2-Nitroaniline	11.71	65	227409	57.49	nq	# 70
48) Acenaphthylene	12.16	152	892208	51.33	nq	98
49) Dimethylphthalate	12.05	163	1004873	73.60	nq	99
50) 2,6-Dinitrotoluene	12.14	165	146291	53.18	nq	92
51) Acenaphthene	12.43	154	526520	49.29	nq	97
52) 3-Nitroaniline	12.40	138	101519	35.96	nq	87
53) 2,4-Dinitrophenol	12.62	184	32425	27.69	nq	# 76
54) Dibenzofuran	12.72	168	778860	53.85	nq	93
55) 4-Nitrophenol	12.80	139	122919	91.26	nq	# 59
56) 2,4-Dinitrotoluene	12.79	165	172868	47.01	nq	# 84
57) Fluorene	13.28	166	605915	48.31	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.89	232	88883	36.03	nq	95
59) Diethylphthalate	13.19	149	674831	50.84	nq	99
60) 4-Chlorophenyl-phenylether	13.30	204	287017	46.93	nq	98
61) 4-Nitroaniline	13.39	138	112314	42.62	nq	# 60
62) Azobenzene	13.57	77	754878	54.82	nq	86
64) 4,6-Dinitro-2-methylphenol	13.46	198	33135	18.68	nq	# 74
65) n-Nitrosodiphenylamine	13.52	169	508419	56.36	nq	100
66) 4-Bromophenyl-phenylether	14.09	248	159008	52.11	nq	95
67) Hexachlorobenzene	14.16	284	158206	49.57	nq	# 75
68) Atrazine	14.45	200	162337	56.45	nq	94
69) Pentachlorophenol	14.53	266	83829	84.16	nq	93
70) Phenanthrene	14.82	178	792914	51.32	nq	99
71) Anthracene	14.90	178	799595	51.23	nq	100
72) Carbazole	15.20	167	714388	53.66	nq	100
73) Di-n-butylphthalate	15.77	149	913476	53.06	nq	# 99
74) Fluoranthene	16.58	202	783559	50.57	nq	91
76) Benzidine	16.81	184	360806	64.91	nq	95
77) Pyrene	16.88	202	775887	49.90	nq	99
79) Butylbenzylphthalate	17.79	149	353358	51.24	nq	# 70
80) Benzo(a)anthracene	18.47	228	638610	51.97	nq	99
81) 3,3'-Dichlorobenzidine	18.45	252	171942	25.33	nq	98
82) Chrysene	18.50	228	619515	50.80	nq	99
83) Bis(2-ethylhexyl)phthalate	18.54	149	499581	49.65	nq	# 94
84) Di-n-octyl phthalate	19.31	149	796406	51.90	nq	# 86
85) Indeno(1,2,3-cd)pyrene	21.37	276	420688	43.03	nq	94
87) Benzo(b)fluoranthene	19.74	252	522082	53.57	nq	# 94
88) Benzo(k)fluoranthene	19.74	252	522082	62.23	nq	# 97
89) Benzo(a)pyrene	20.08	252	454850	53.96	nq	# 97
90) Dibenzo(a,h)anthracene	21.37	278	360327	50.12	nq	# 95
91) Benzo(g,h,i)perylene	21.71	276	341085	48.08	nq	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

ClientSampleId :

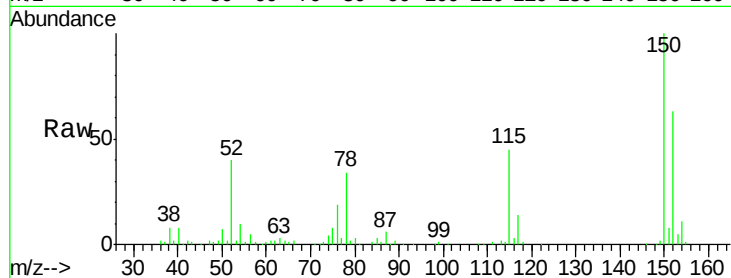
Tot Ion:152 Resp: 103242

Ion Ratio Lower Upper

152 100

150 159.5 125.8 188.6

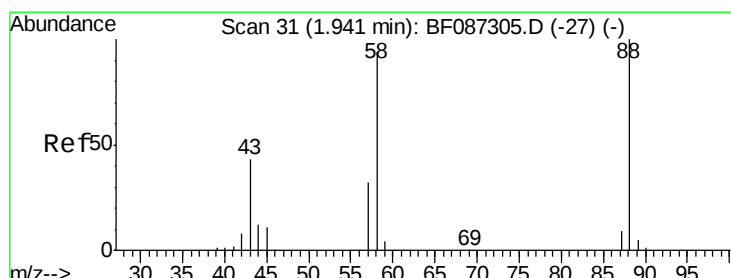
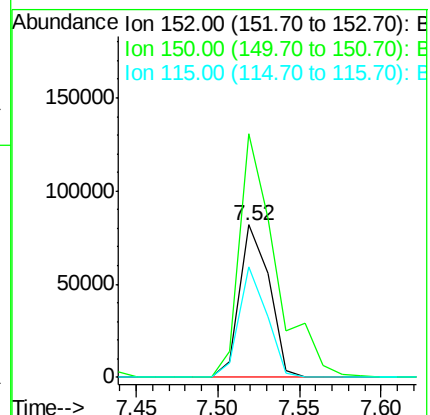
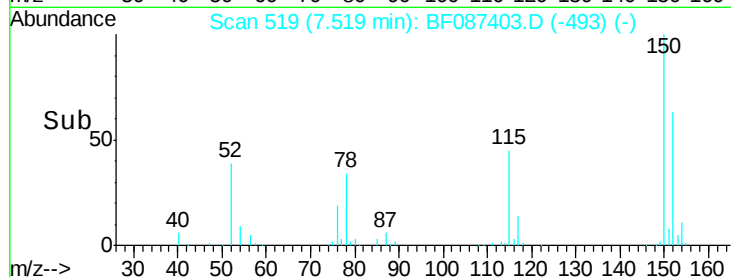
115 72.2 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.05 ng

RT: 1.90 min Scan# 27

Delta R.T. 0.08 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

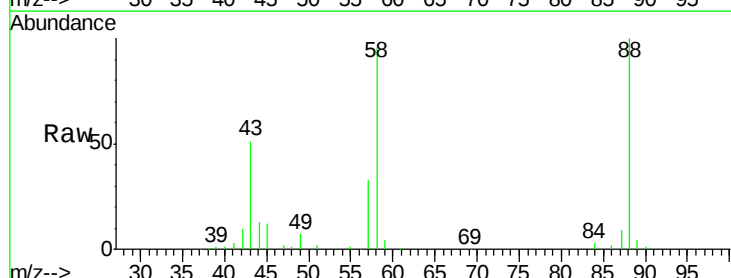
Tgt Ion: 88 Resp: 114850

Ion Ratio Lower Upper

88 100

58 96.6 59.6 89.4#

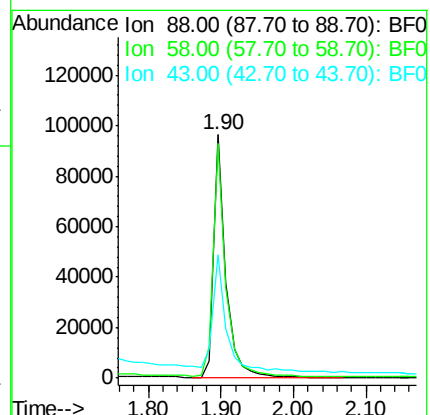
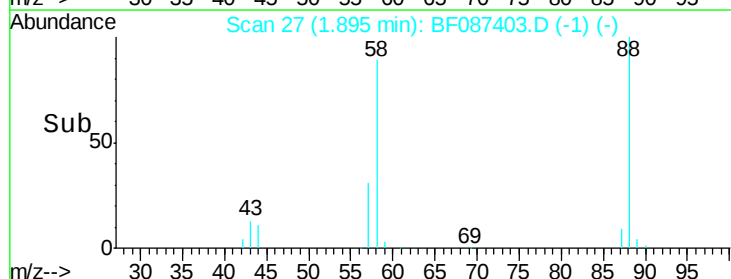
43 55.3 21.8 32.6#

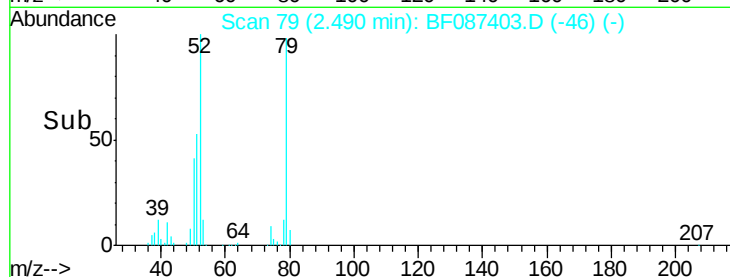
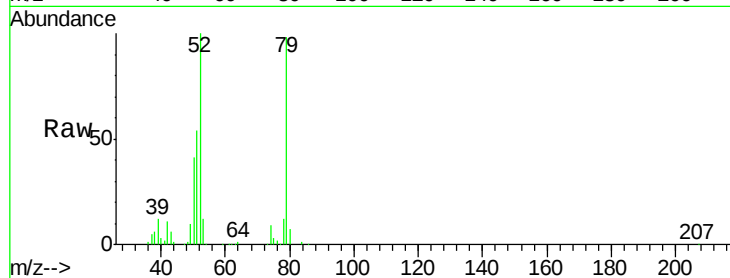
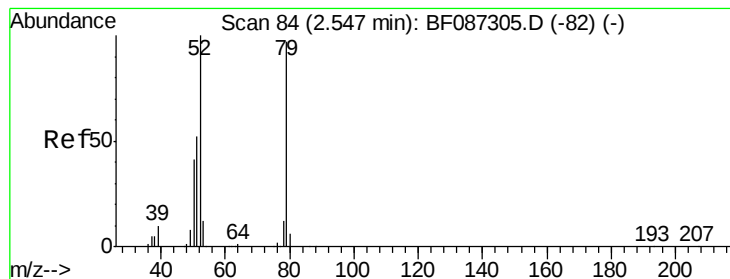


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.88 ng

RT: 2.49 min Scan# 79

Delta R.T. 0.08 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

ClientSampled :

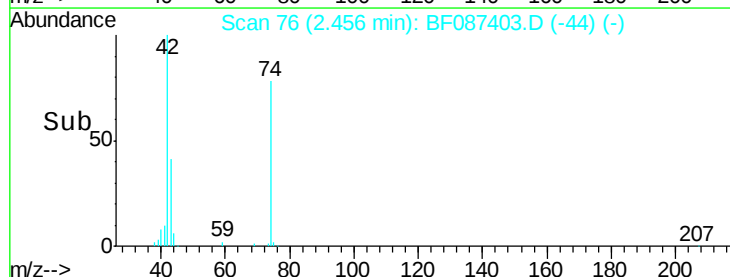
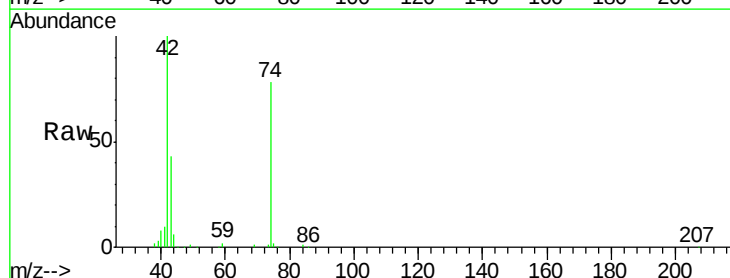
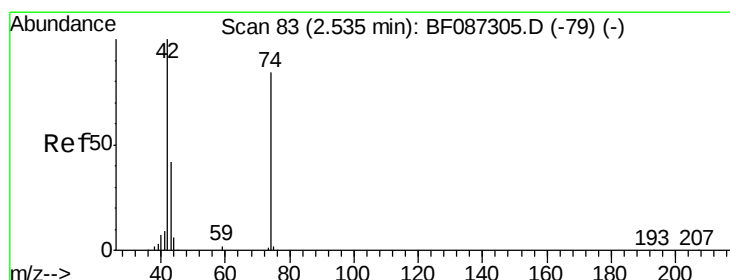
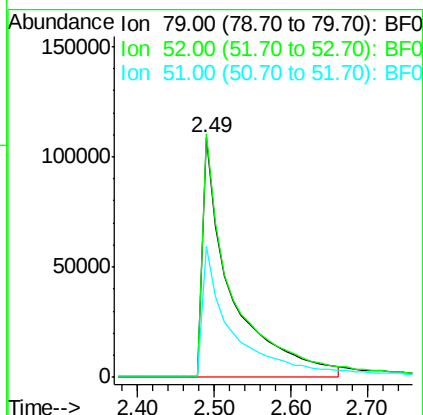
Tot Ion: 79 Resp: 283859

Ion Ratio Lower Upper

79 100

52 101.7 55.9 83.9#

51 54.6 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 54.67 ng

RT: 2.46 min Scan# 76

Delta R.T. 0.07 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

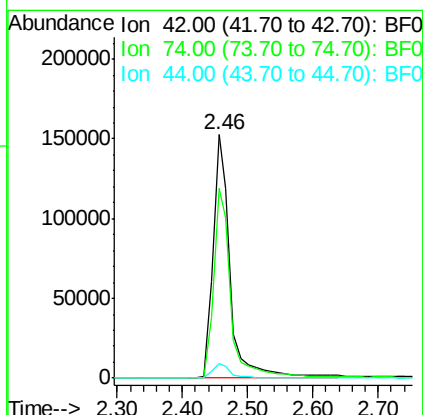
Tgt Ion: 42 Resp: 285504

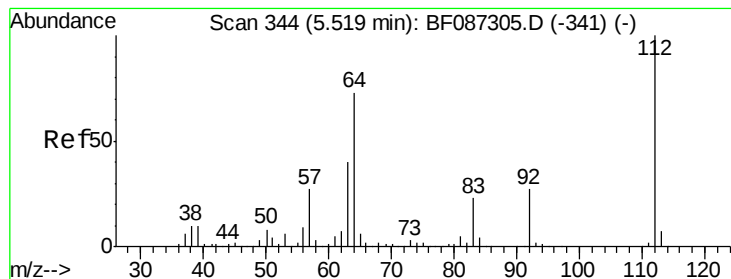
Ion Ratio Lower Upper

42 100

74 77.9 123.4 185.0#

44 6.0 5.8 8.6





#5

2-Fluorophenol

Concen: 164.13 ng

RT: 5.45 min Scan# 338

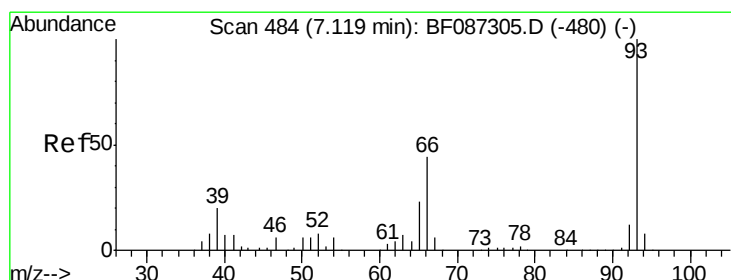
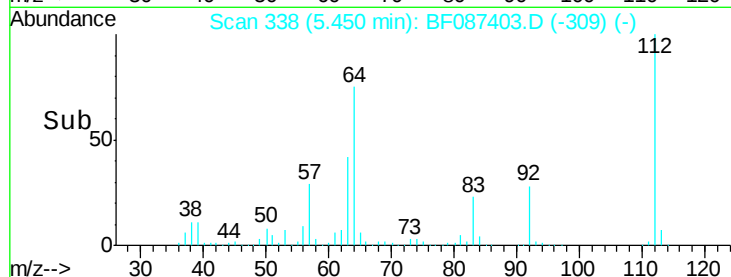
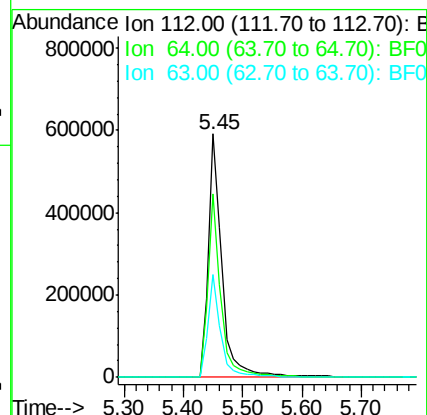
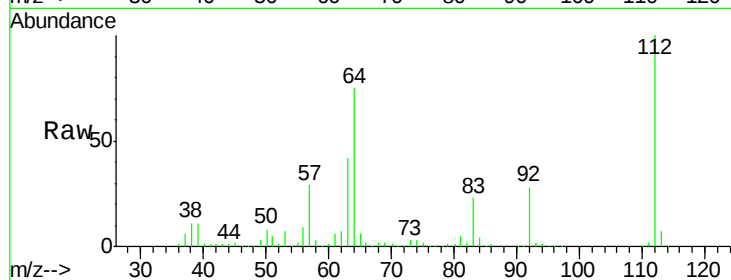
Delta R.T. 0.03 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	964368
Ion	Ratio	Lower	Upper
112	100		
64	75.3	52.1	78.1
63	42.3	25.7	38.5#



#6

Aniline

Concen: 27.28 ng

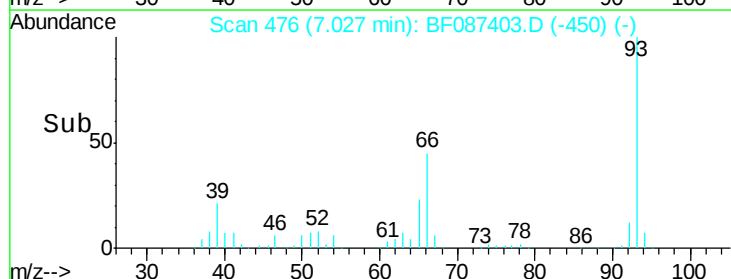
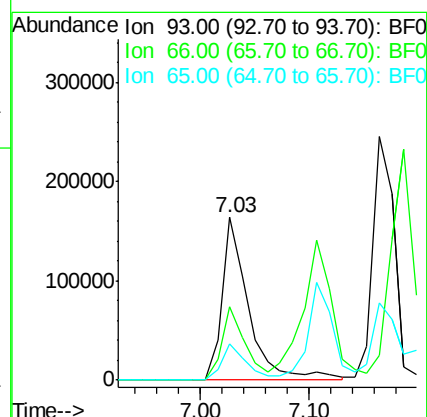
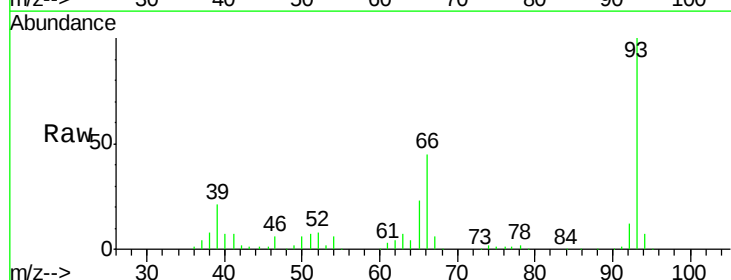
RT: 7.03 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Tgt Ion:	93	Resp:	280198
Ion	Ratio	Lower	Upper
93	100		
66	45.0	39.0	58.6
65	22.7	20.6	31.0





#7

Phenol-d6

Concen: 151.55 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.02 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

ClientSampled :

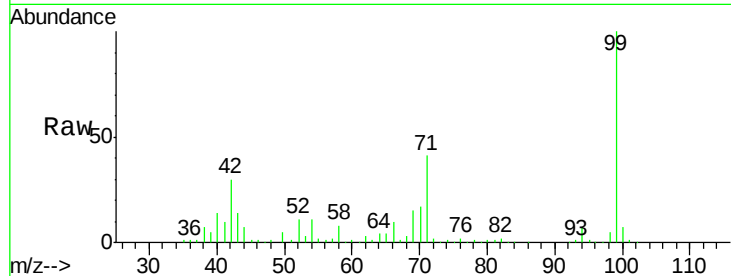
Tot Ion: 99 Resp: 1203150

Ion Ratio Lower Upper

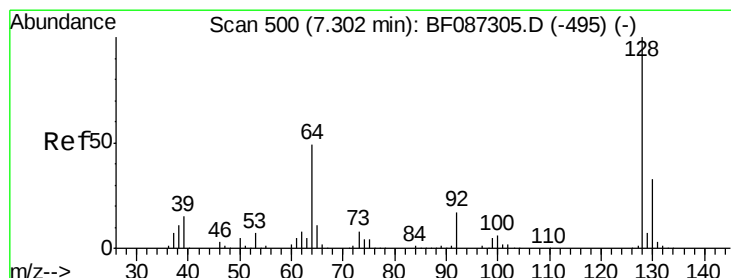
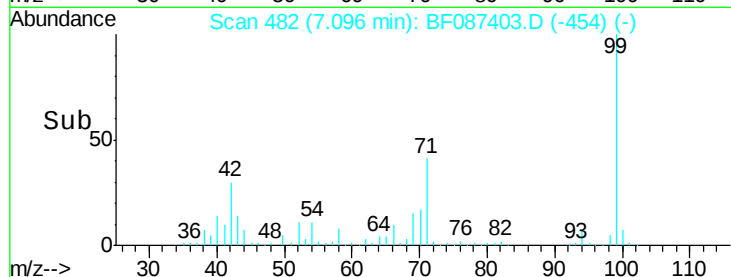
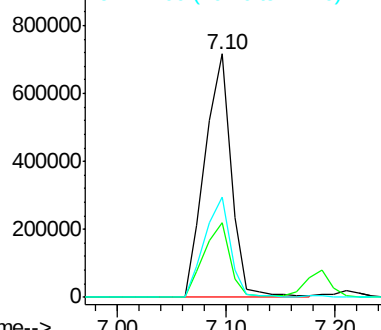
99 100

42 30.5 13.6 20.4#

71 41.0 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: 49.98 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.01 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

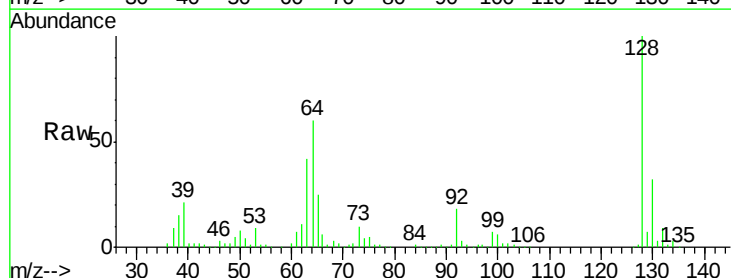
Tgt Ion: 128 Resp: 366236

Ion Ratio Lower Upper

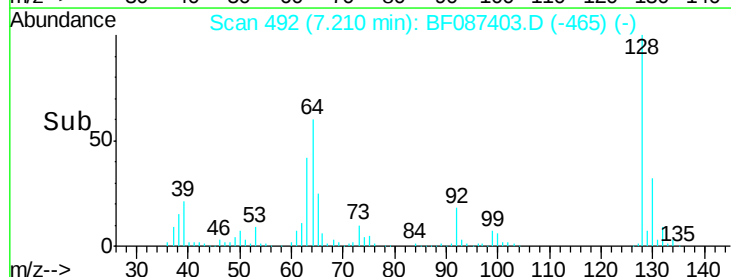
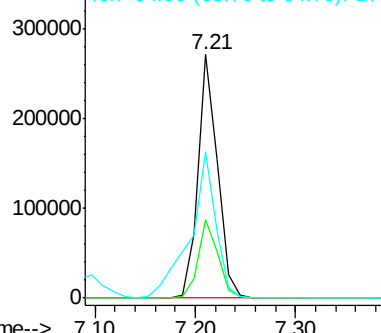
128 100

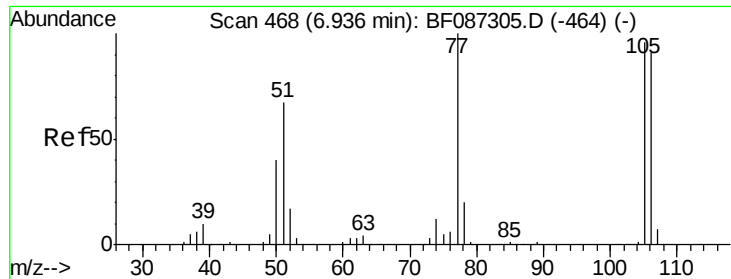
130 32.4 12.5 52.5

64 59.9 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: 13.72 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

ClientSampleId :

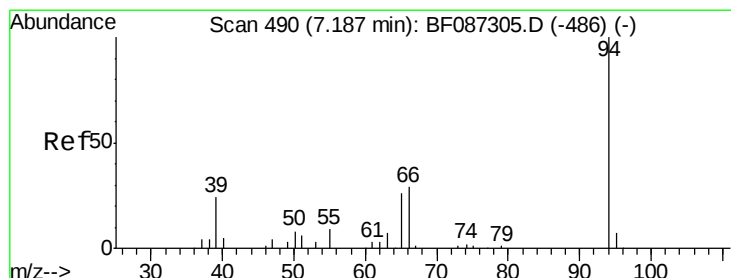
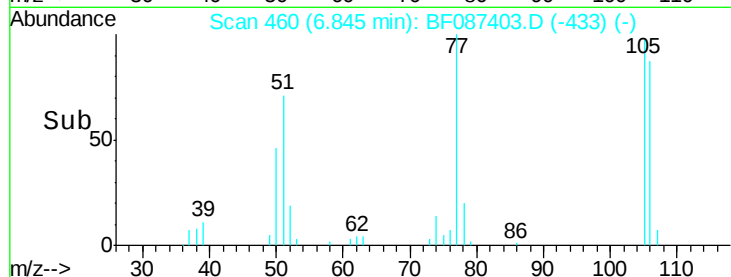
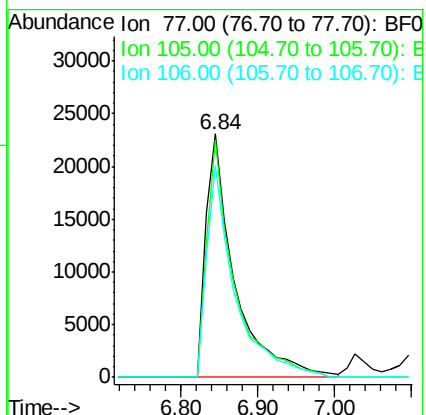
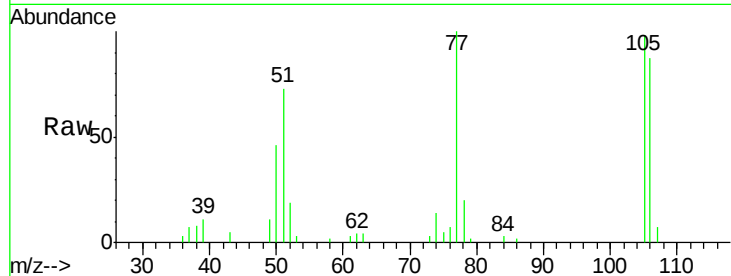
Tot Ion: 77 Resp: 60137

Ion Ratio Lower Upper

77 100

105 97.6 72.7 112.7

106 86.7 70.8 110.8



#10

Phenol

Concen: 52.09 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.02 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

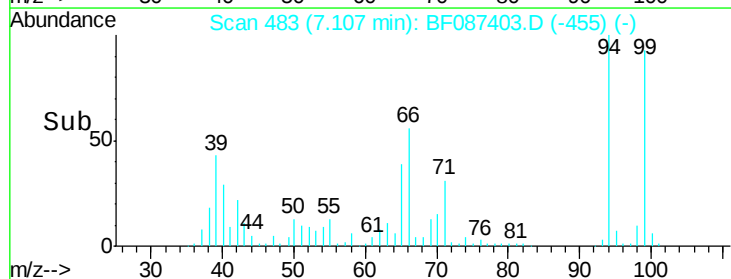
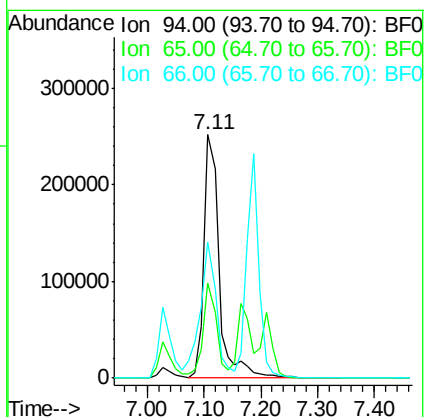
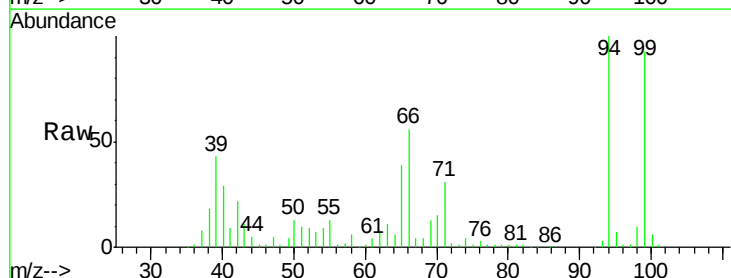
Tgt Ion: 94 Resp: 451545

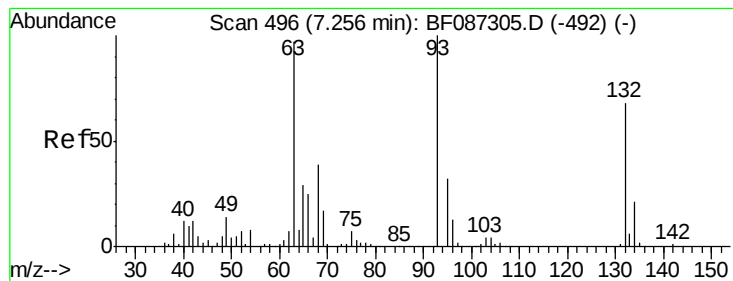
Ion Ratio Lower Upper

94 100

65 38.9 7.2 47.2

66 55.9 14.9 54.9#

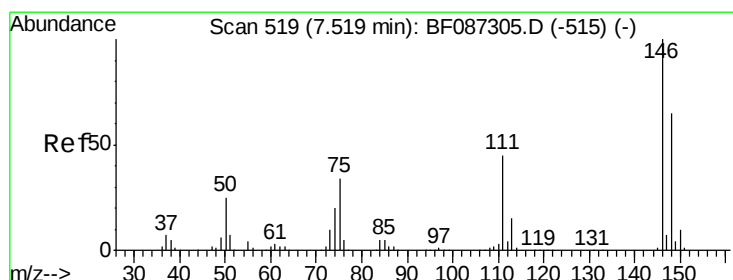
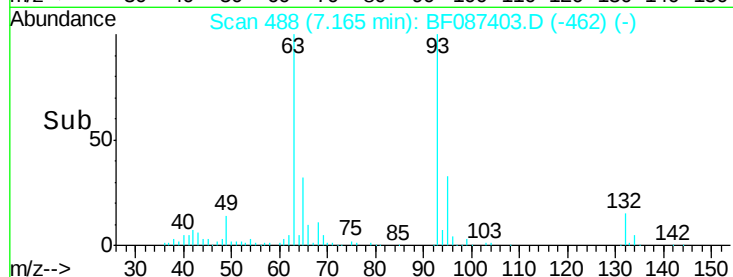
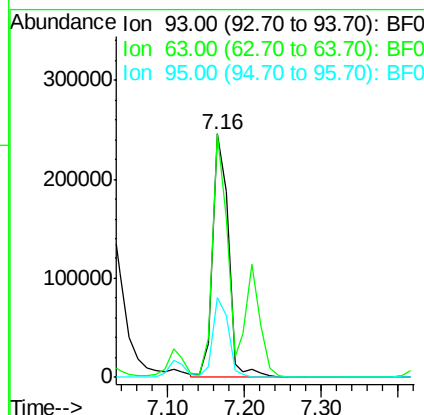
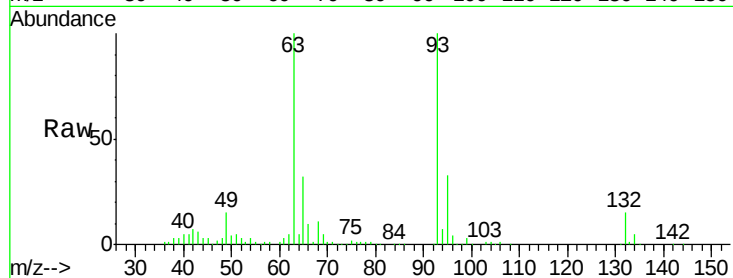




#11
bis(2-Chloroethyl)ether
Concen: 49.14 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

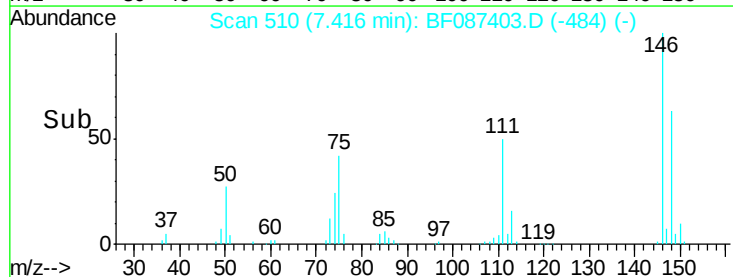
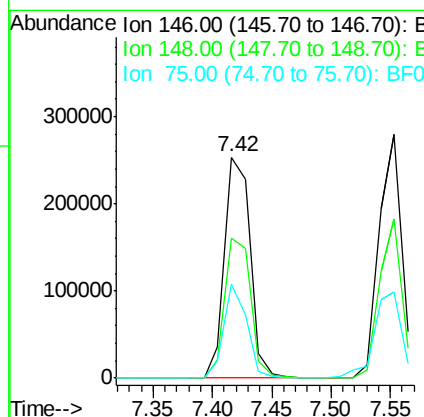
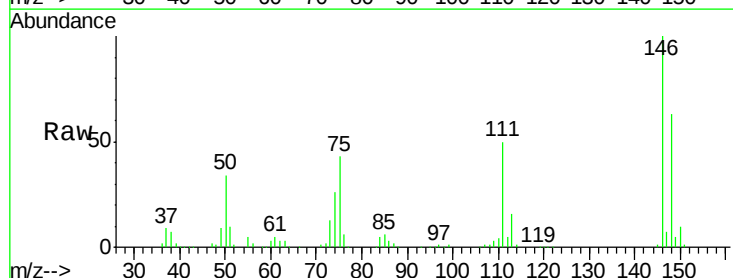
Instrument :
BNA_F
ClientSampleId :

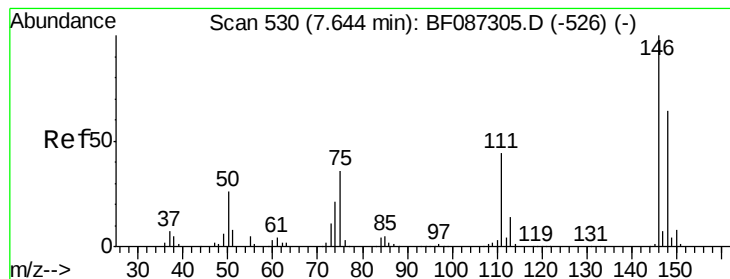
Tot Ion: 93 Resp: 344781
Ion Ratio Lower Upper
93 100
63 100.1 58.0 98.0#
95 33.0 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 47.62 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion: 146 Resp: 380570
Ion Ratio Lower Upper
146 100
148 63.2 52.4 78.6
75 42.8 22.8 34.2#





#13

1,4-Dichlorobenzene

Concen: 46.94 ng

RT: 7.55 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

ClientSampleId :

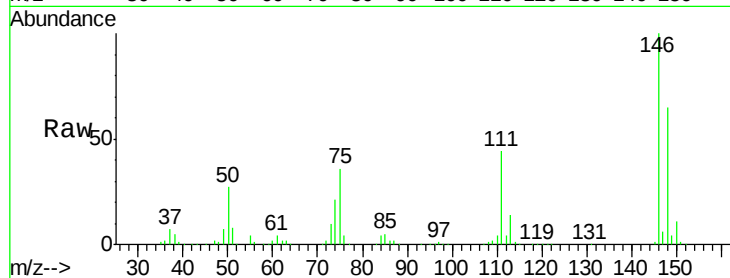
Tot Ion:146 Resp: 385101

Ion Ratio Lower Upper

146 100

148 65.2 52.2 78.4

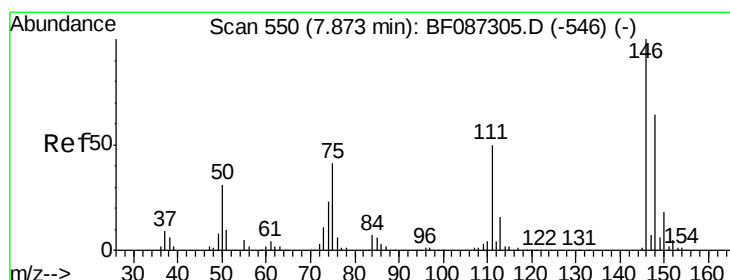
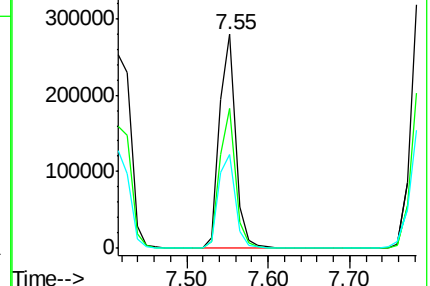
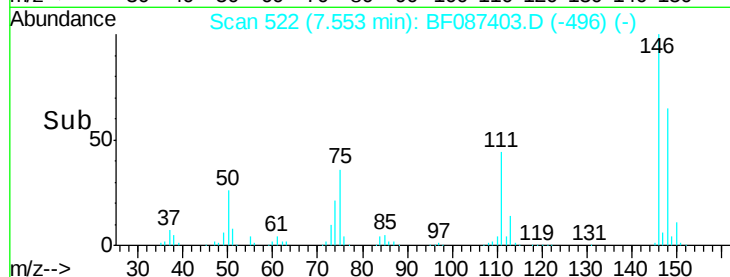
111 44.0 30.7 46.1



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: 48.04 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

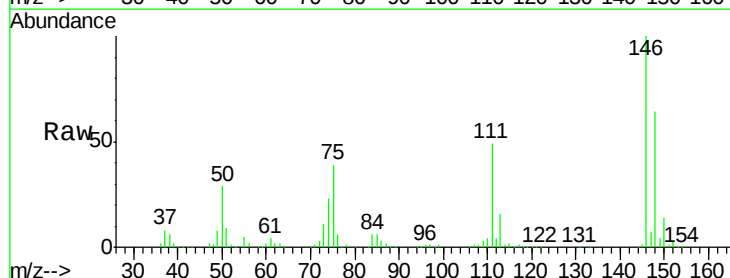
Tgt Ion:146 Resp: 364568

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

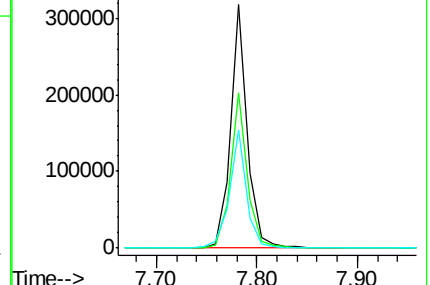
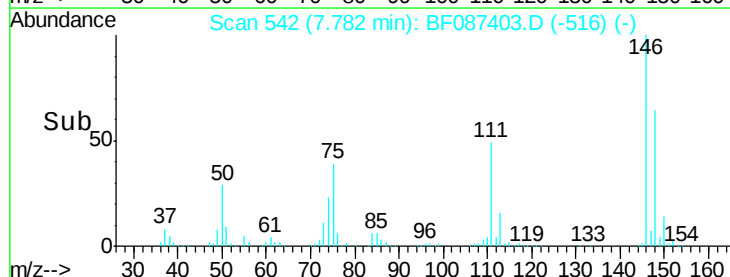
111 48.7 36.2 54.4

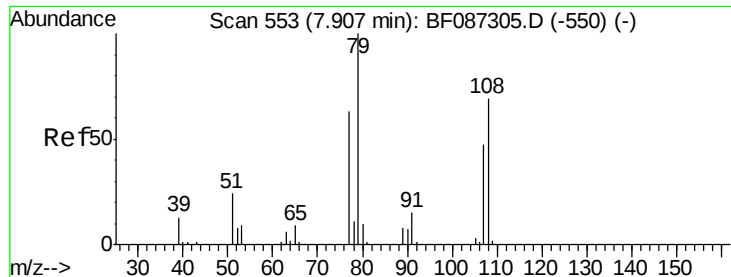


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 59.66 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.01 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

ClientSampleId :

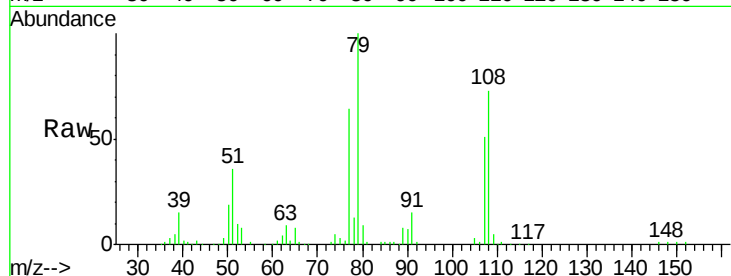
Tot Ion: 79 Resp: 345331

Ion Ratio Lower Upper

79 100

108 72.8 68.4 102.6

77 64.2 50.6 76.0

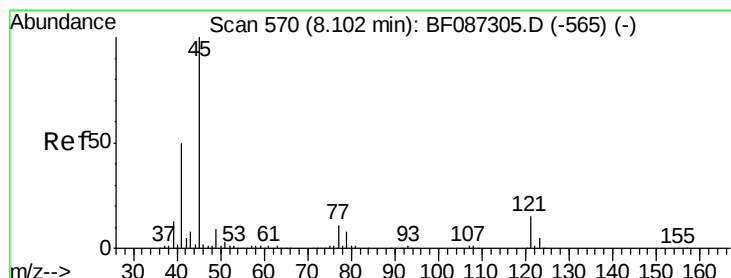
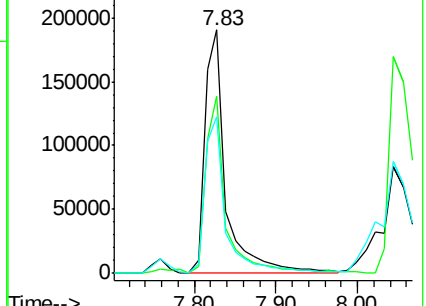
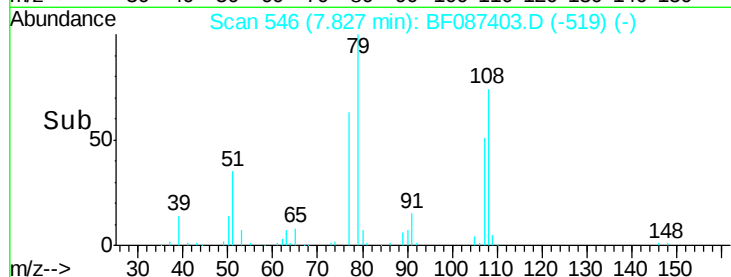


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.69 ng

RT: 8.02 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

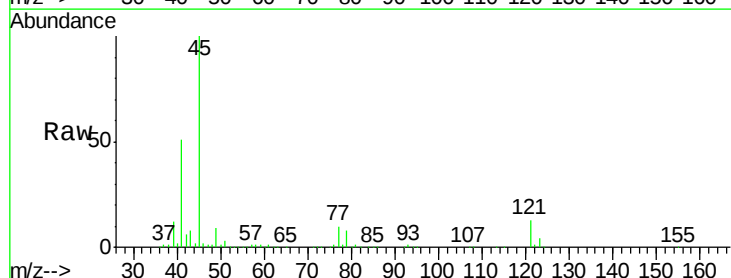
Tgt Ion: 45 Resp: 721336

Ion Ratio Lower Upper

45 100

77 9.7 0.0 36.4

79 7.8 0.0 33.4

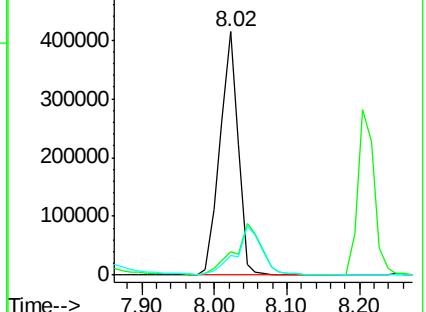
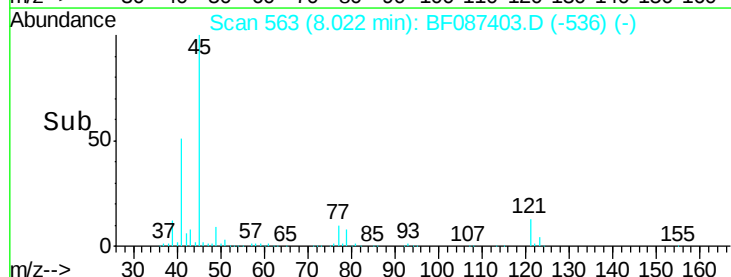


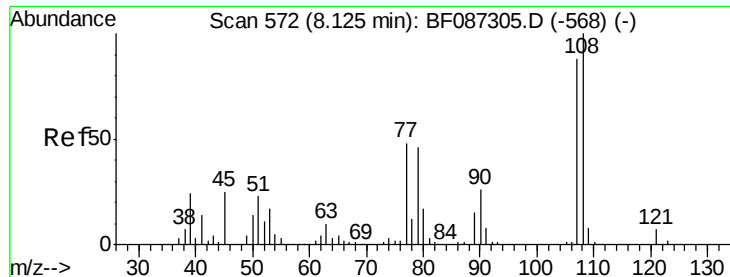
Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->





#17

2-Methylphenol

Concen: 50.59 ng

RT: 8.04 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF087403.D

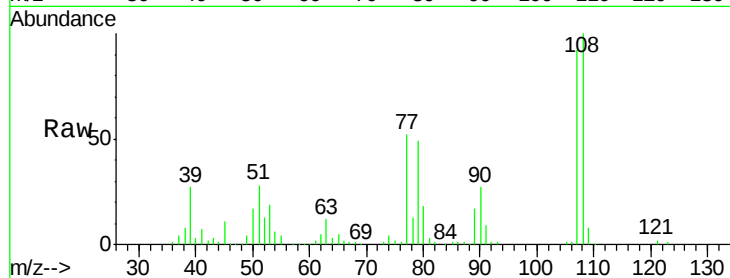
Acq: 26 May 2016 9:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	297084
Ion	Ratio	Lower	Upper
107	100		
108	109.0	93.7	140.5
77	56.3	33.4	50.0#
79	53.8	34.3	51.5#



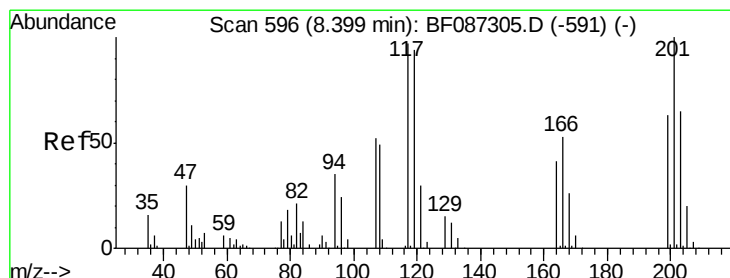
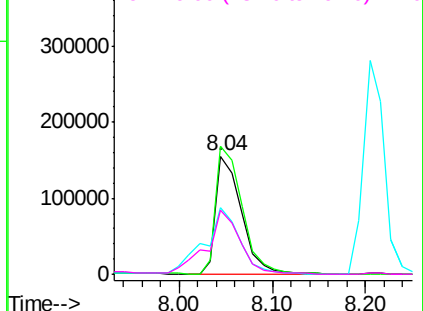
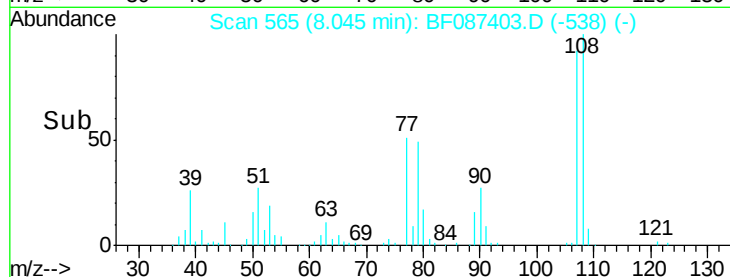
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 42.23 ng

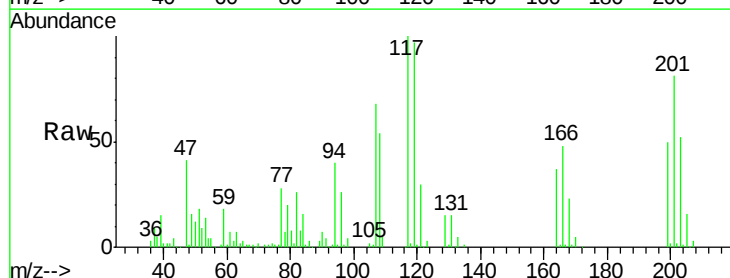
RT: 8.30 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Tgt Ion:	117	Resp:	129271
Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.5	114.7
201	81.1	63.0	94.6

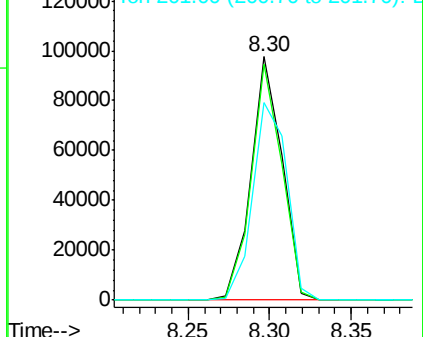
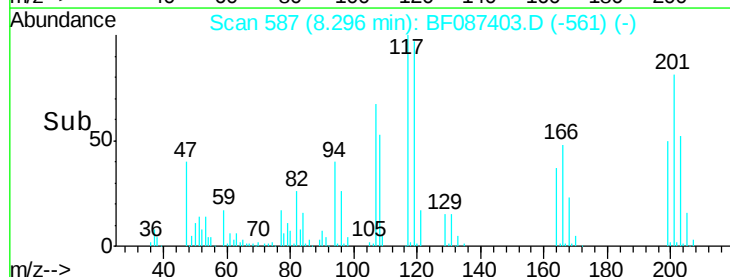


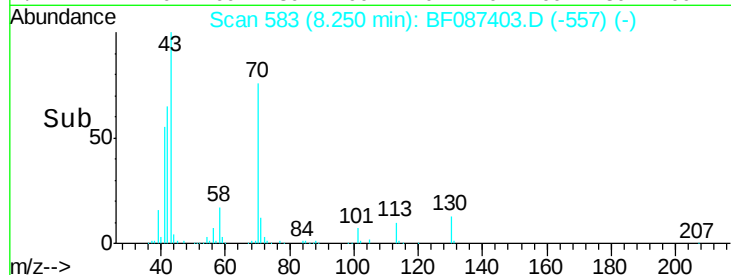
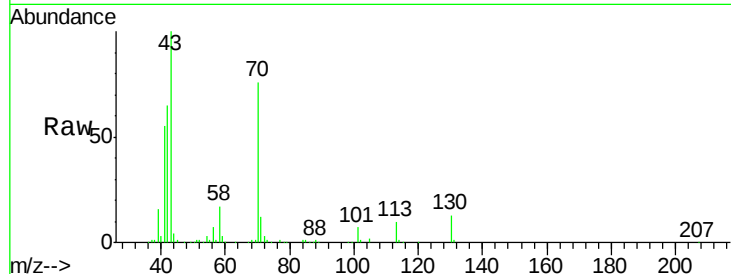
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

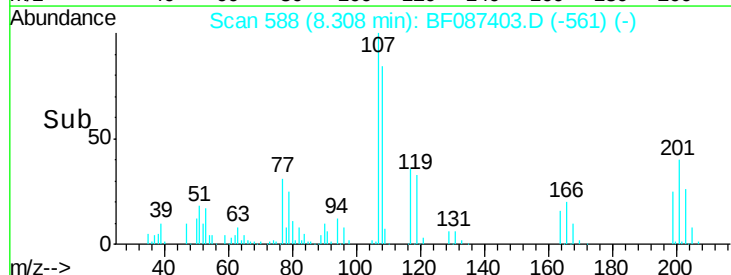
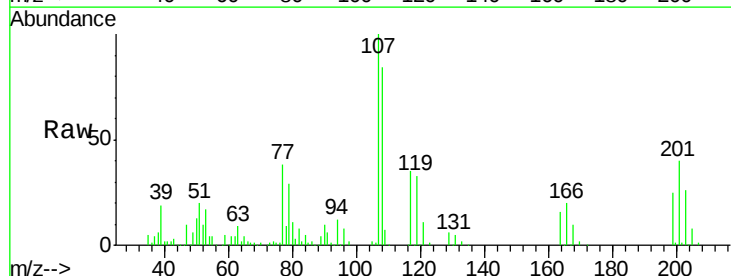
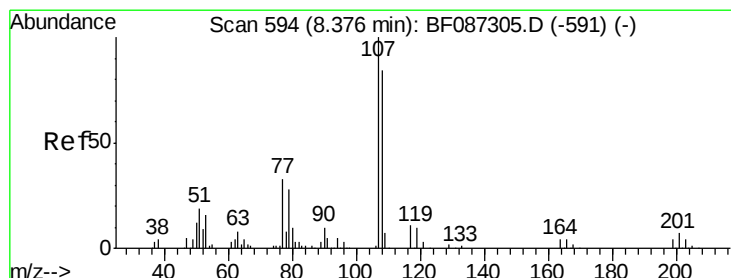
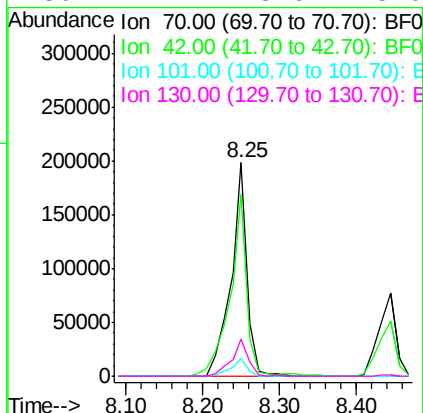




#19
n-Nitroso-di-n-propylamine
Concen: 49.49 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

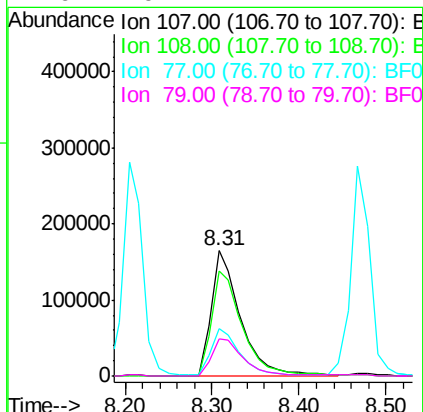
Instrument :
BNA_F
ClientSampleId :

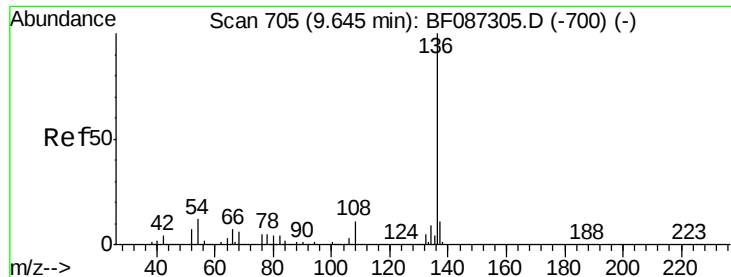
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	84.9	43.1	64.7#	
101	8.6	8.1	12.1	
130	17.2	18.6	28.0#	



#20
3+4-Methylphenols
Concen: 54.63 ng
RT: 8.31 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.2	68.5	108.5	
77	37.5	101.6	141.6#	
79	29.4	7.4	47.4	

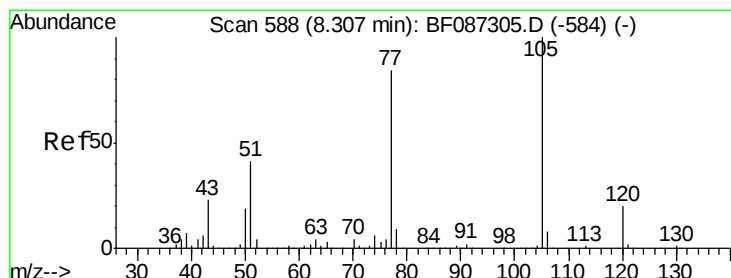
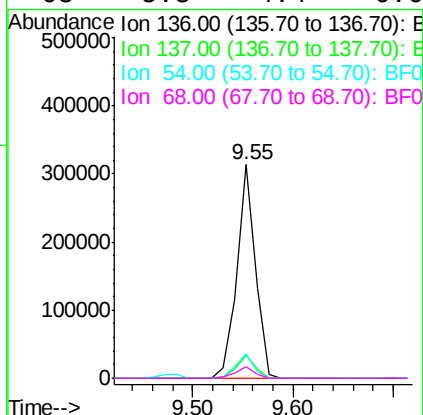
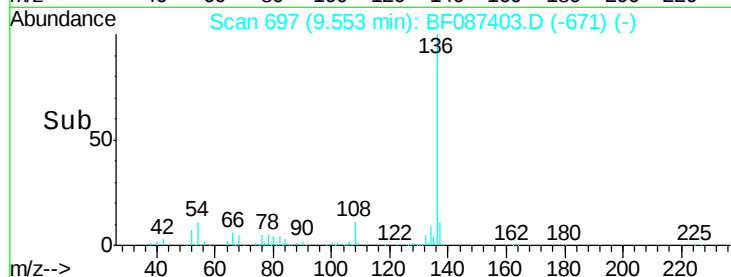
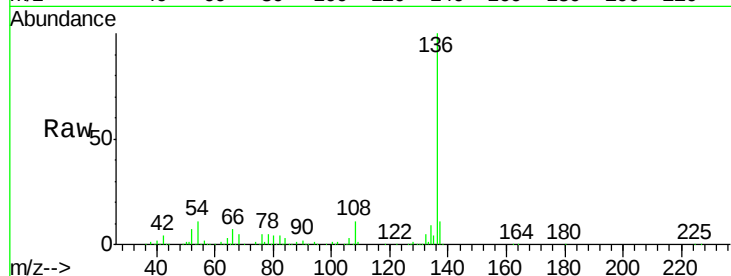




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

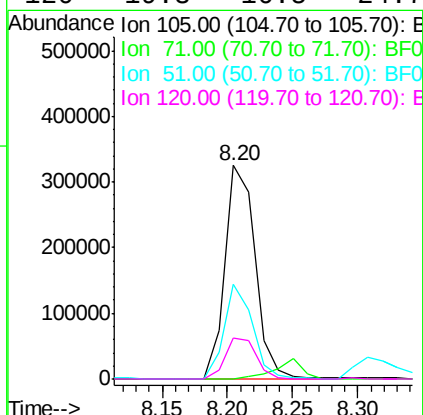
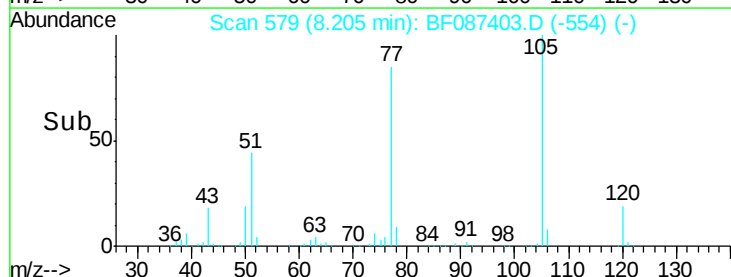
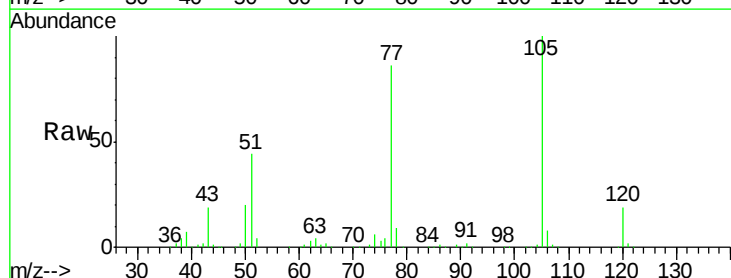
Instrument :
BNA_F
ClientSampleId :

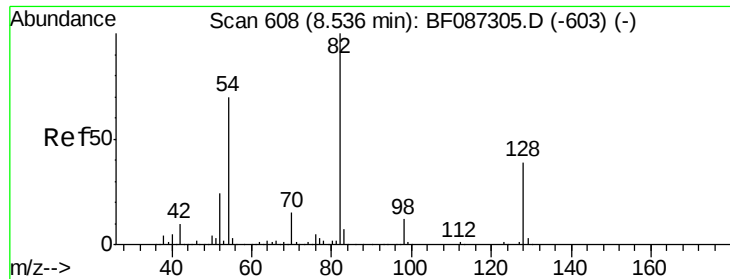
Tot Ion:136	Resp:	400003
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	11.4	5.0 7.4#
68	5.3	4.4 6.6



#22
Acetophenone
Concen: 55.09 ng
RT: 8.20 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion:105	Resp:	526472
Ion Ratio	Lower	Upper
105	100	
71	0.1	4.8 7.2#
51	44.2	32.6 49.0
120	19.3	16.5 24.7

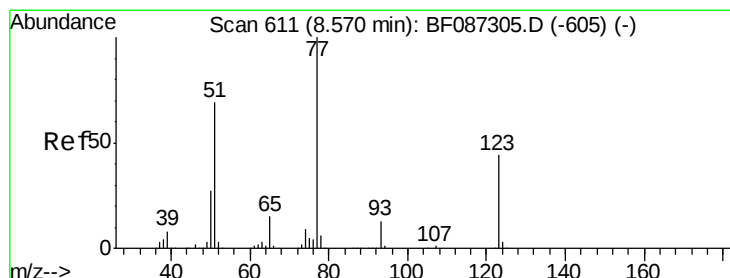
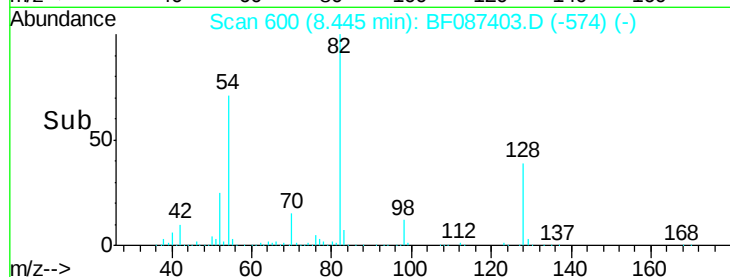
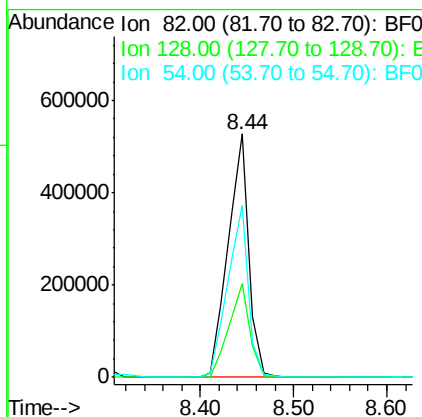
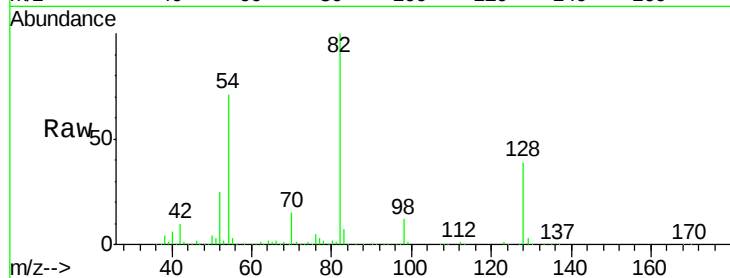




#23
 Nitrobenzene-d5
 Concen: 103.51 ng
 RT: 8.44 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

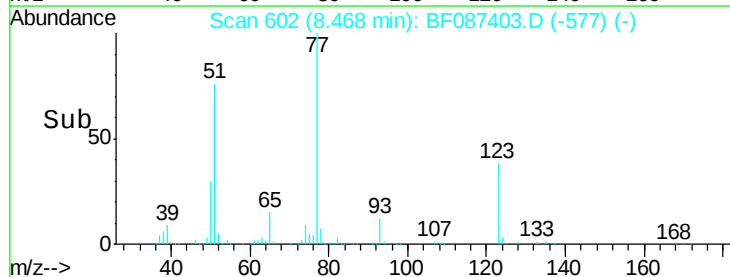
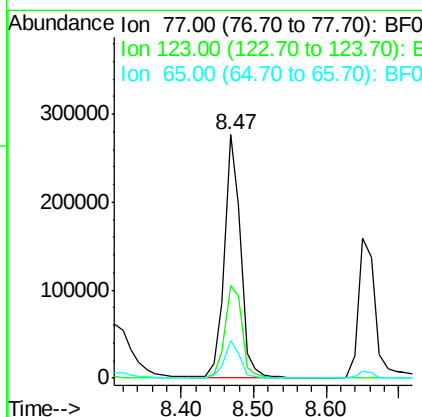
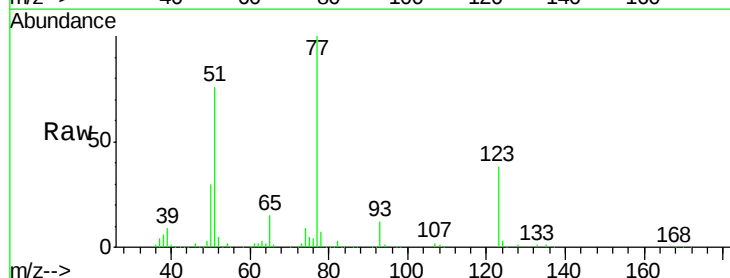
Instrument :
 BNA_F
 ClientSampleId :

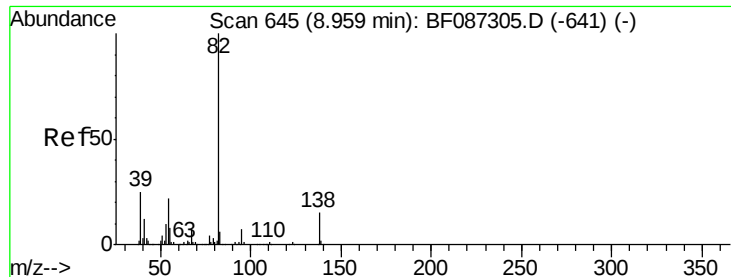
Tot Ion: 82 Resp: 821515
 Ion Ratio Lower Upper
 82 100
 128 38.6 40.6 61.0#
 54 70.6 38.1 57.1#



#24
 Nitrobenzene
 Concen: 50.91 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Tgt Ion: 77 Resp: 426525
 Ion Ratio Lower Upper
 77 100
 123 37.9 33.0 49.4
 65 15.4 10.8 16.2





#25

Isophorone

Concen: 50.64 ng

RT: 8.87 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

ClientSampleId :

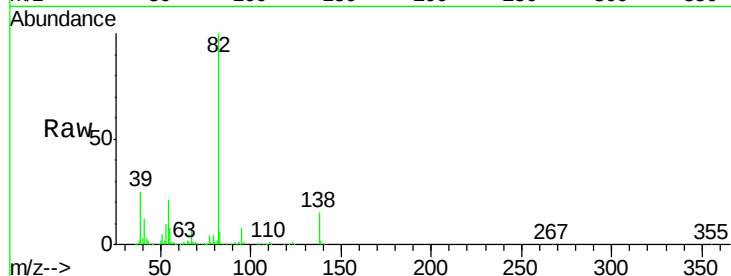
Tot Ion: 82 Resp: 720771

Ion Ratio Lower Upper

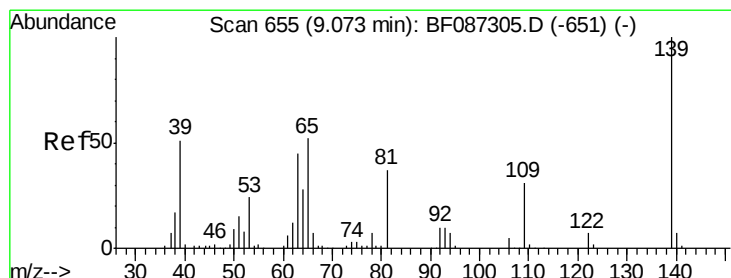
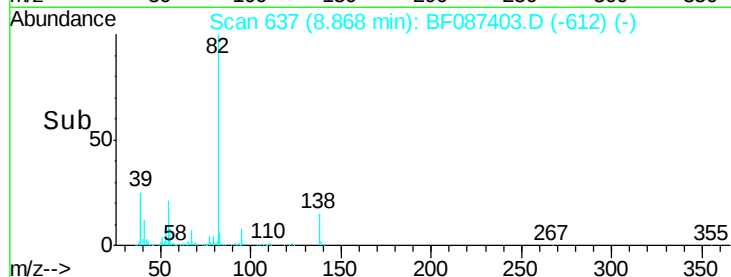
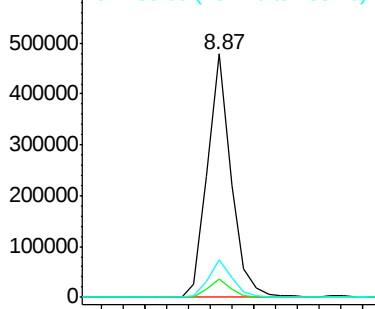
82 100

95 7.6 5.1 7.7

138 15.2 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 51.13 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

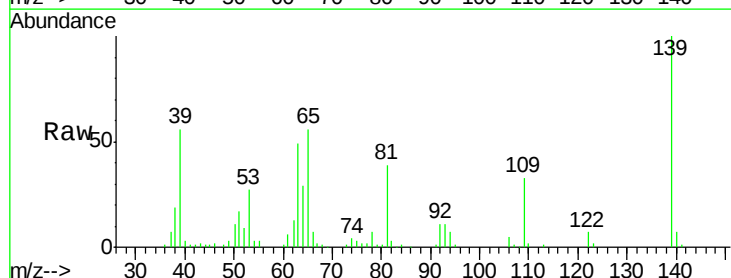
Tgt Ion: 139 Resp: 175093

Ion Ratio Lower Upper

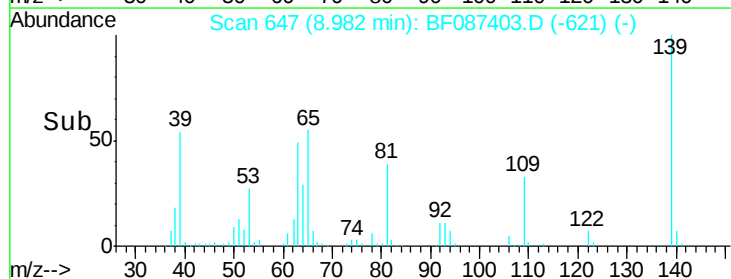
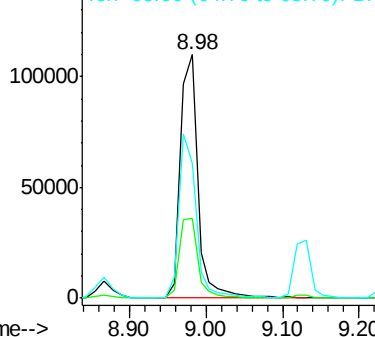
139 100

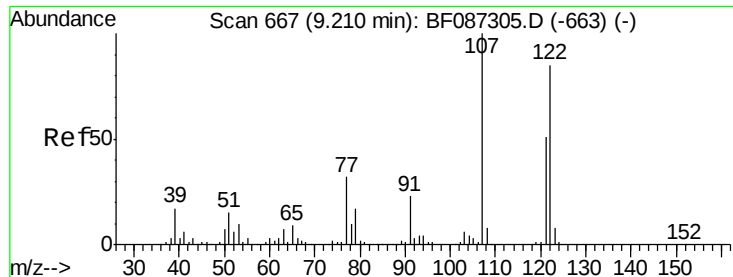
109 32.9 19.5 29.3#

65 55.5 37.5 56.3



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

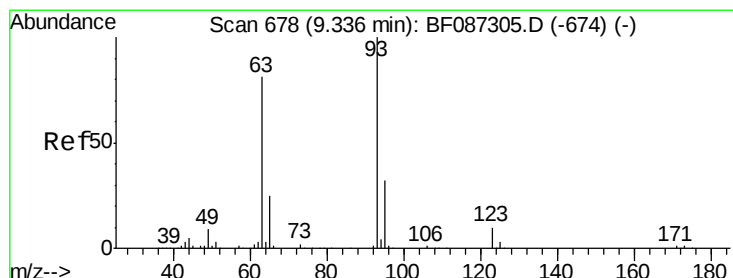
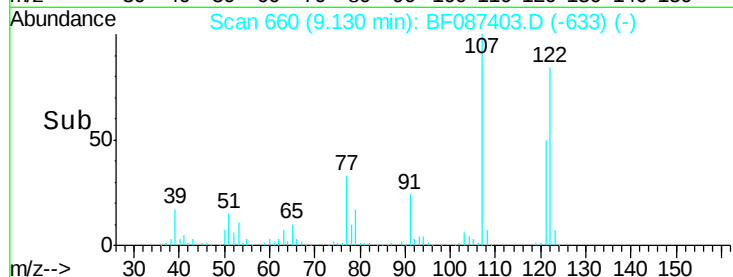
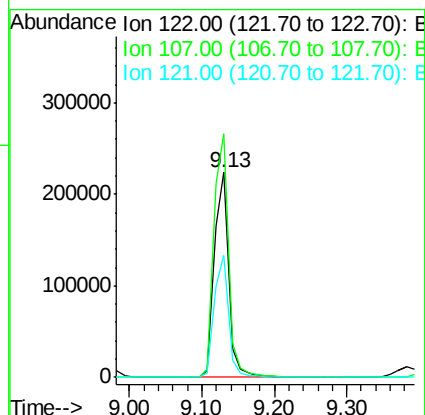
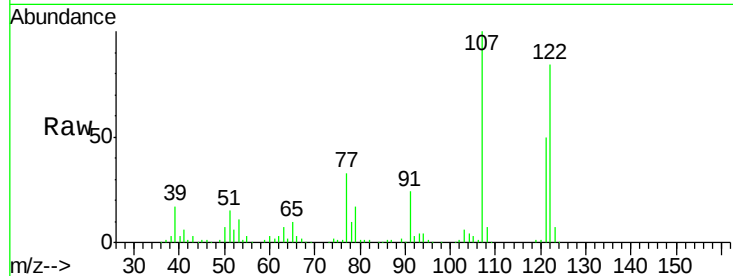




#27
 2,4-Dimethylphenol
 Concen: 51.90 ng
 RT: 9.13 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

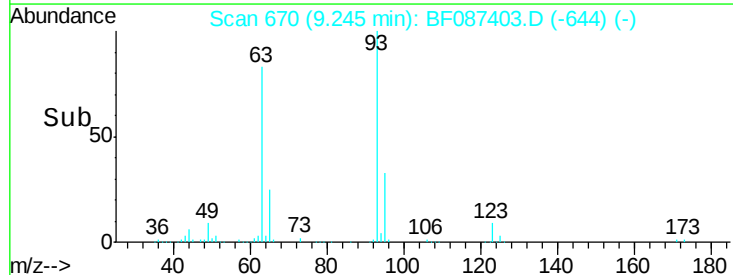
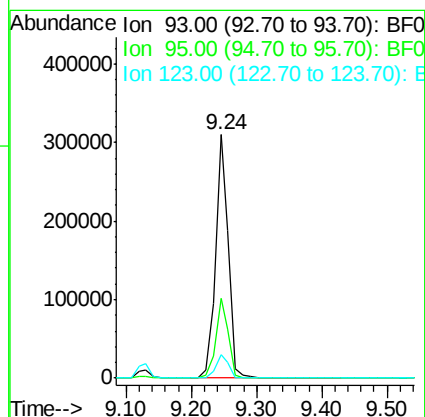
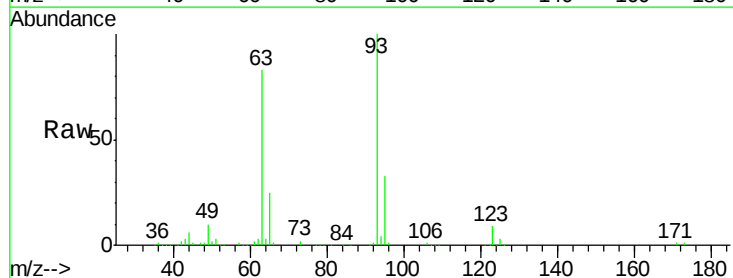
Instrument :
 BNA_F
 ClientSampleId :

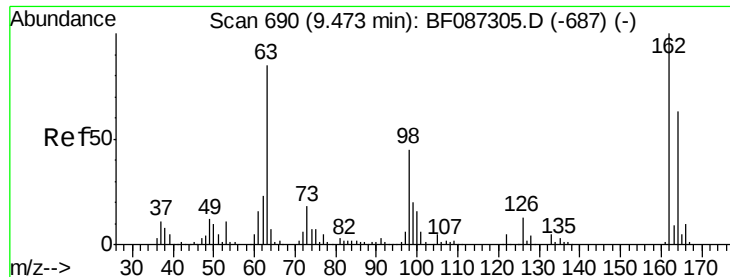
Tot Ion:122 Resp: 308552
 Ion Ratio Lower Upper
 122 100
 107 118.7 82.0 123.0
 121 59.8 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 53.50 ng
 RT: 9.24 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Tgt Ion: 93 Resp: 428955
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.0 39.0
 123 9.5 9.5 14.3#

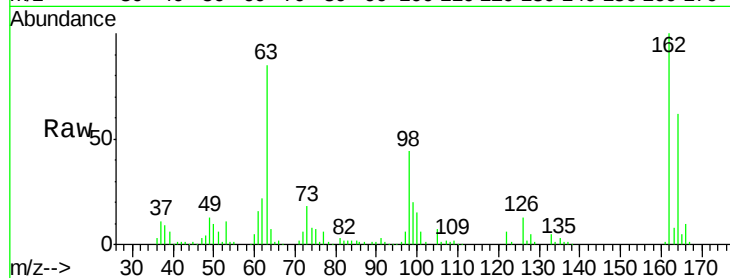




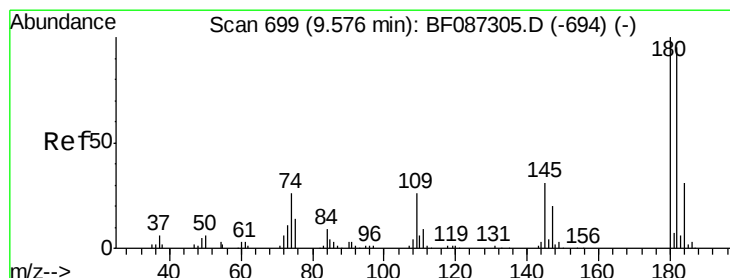
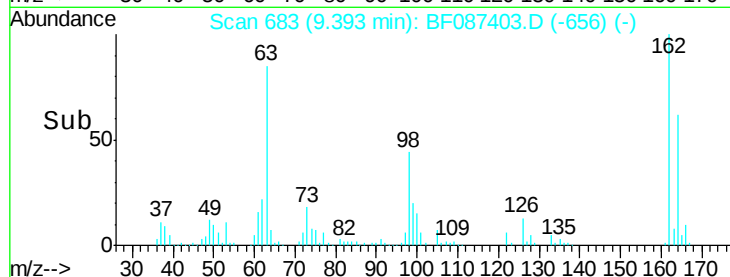
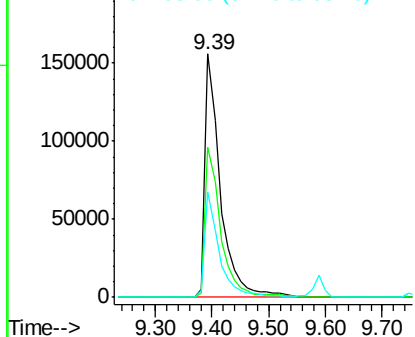
#29
 2,4-Dichlorophenol
 Concen: 52.91 ng
 RT: 9.39 min Scan# 683
 Delta R.T. 0.01 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.9	42.2	82.2
98	43.5	19.0	59.0

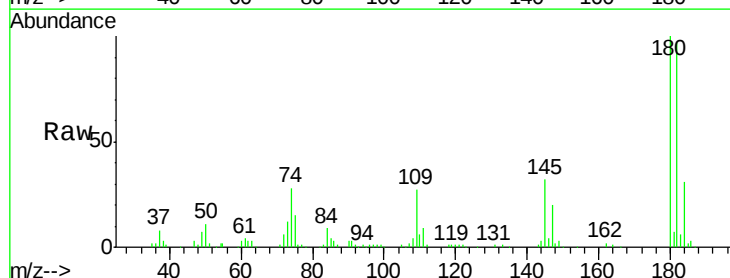


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

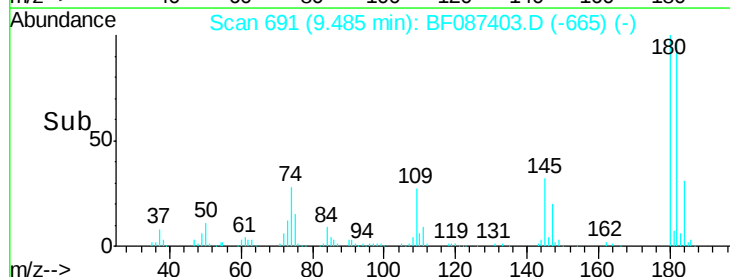
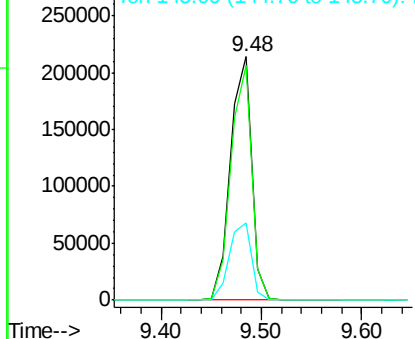


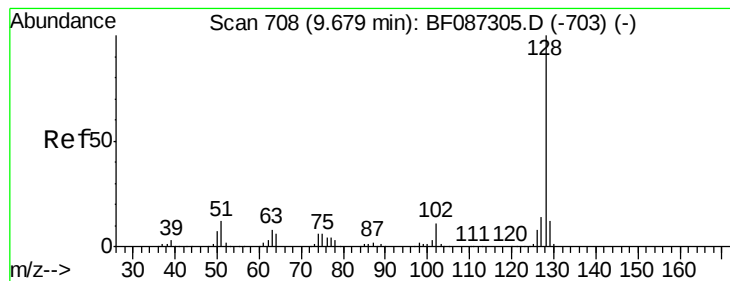
#30
 1,2,4-Trichlorobenzene
 Concen: 51.25 ng
 RT: 9.48 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	78.0	117.0
145	31.6	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: 50.17 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

ClientSampled :

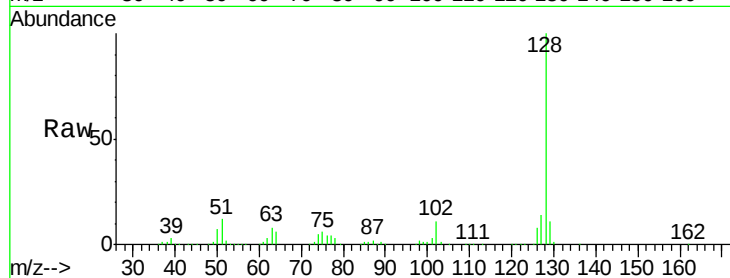
Tot Ion:128 Resp: 1005546

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

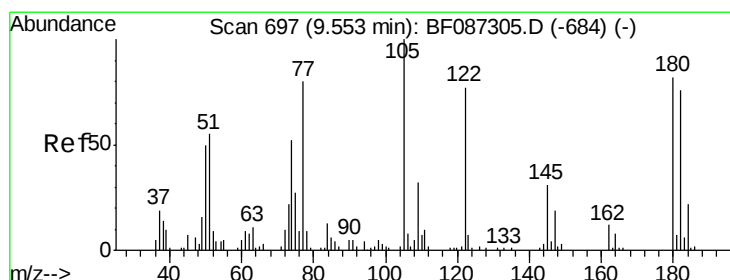
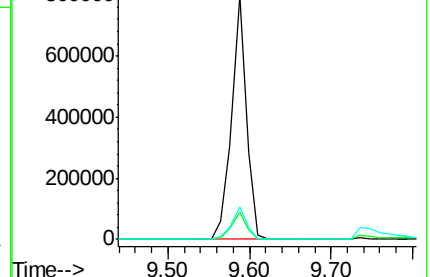
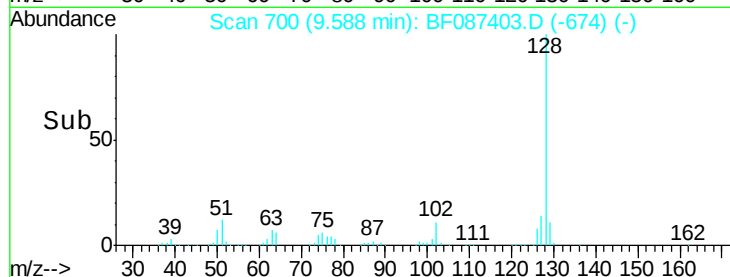
127 13.5 10.8 16.2



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: 14.07 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.07 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

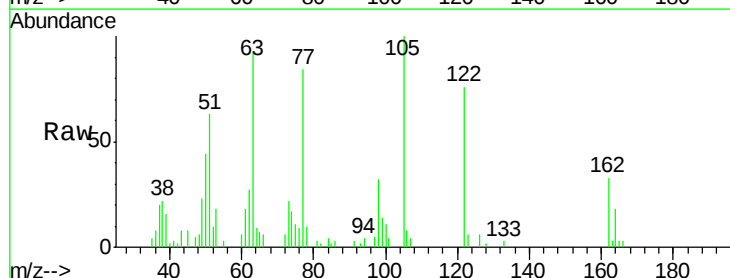
Tgt Ion:122 Resp: 28723

Ion Ratio Lower Upper

122 100

105 131.2 92.6 132.6

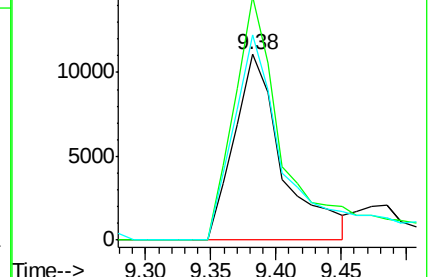
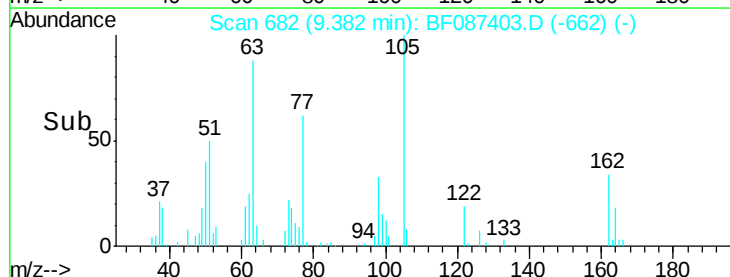
77 110.8 60.0 100.0#

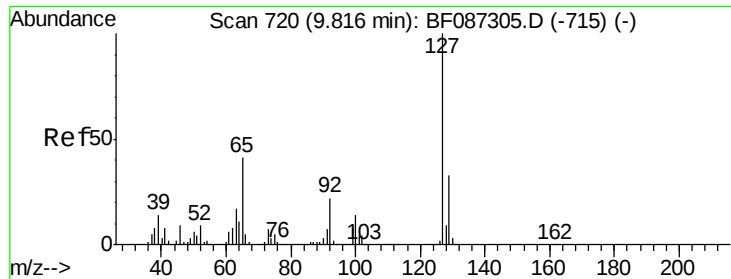


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

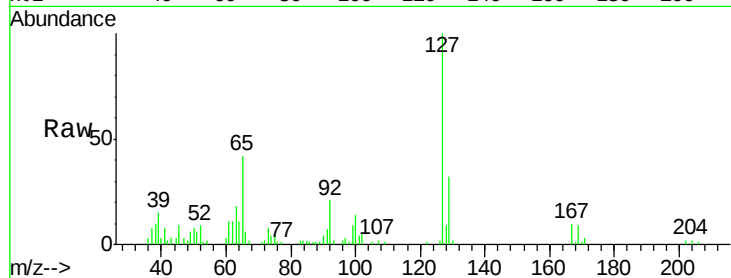




#33
4-Chloroaniline
Concen: 15.10 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	42.3	23.0	34.4
92	20.9	15.1	22.7



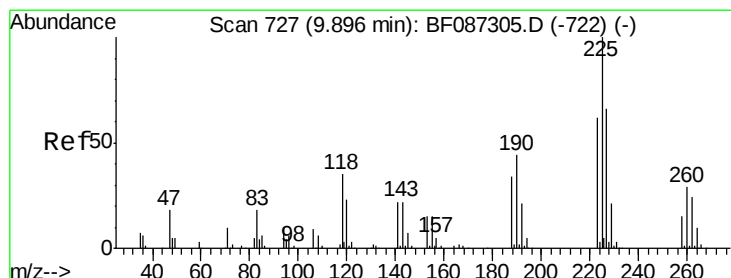
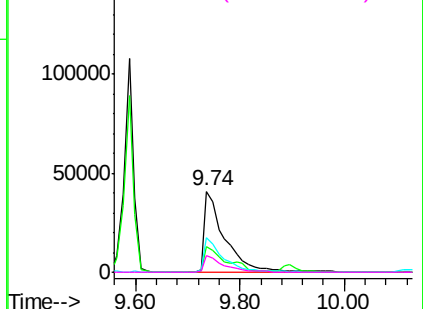
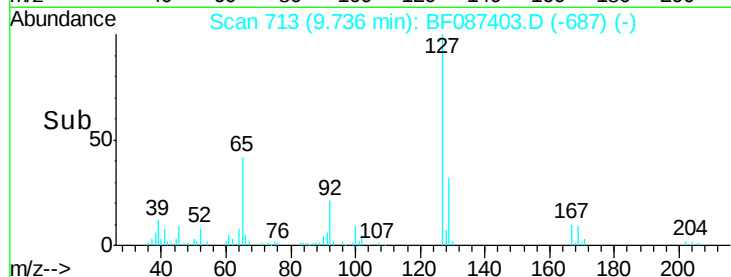
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

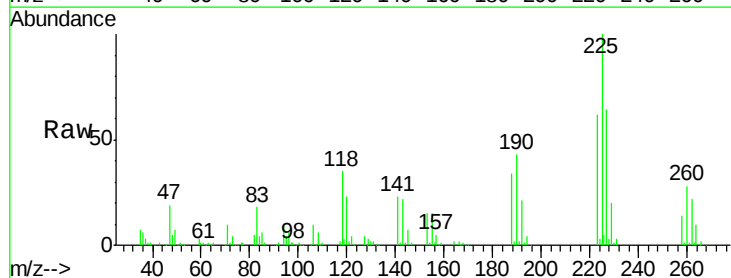
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 49.18 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.5	77.3
227	64.4	52.2	78.2

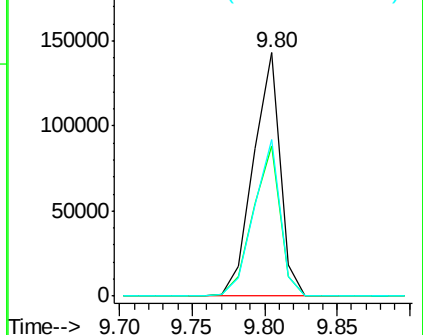
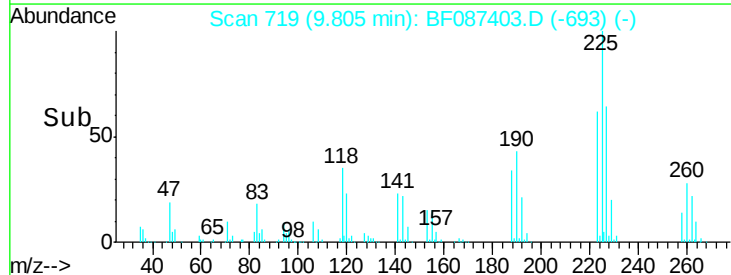


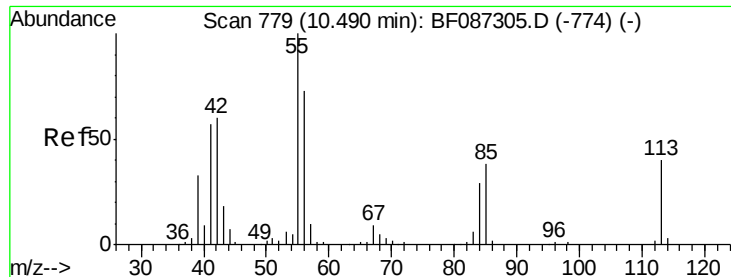
Abundance

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: 38.29 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

ClientSampled :

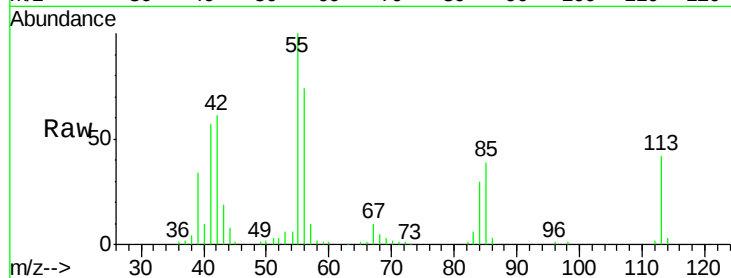
Tot Ion:113 Resp: 59879

Ion Ratio Lower Upper

113 100

55 238.6 162.0 202.0#

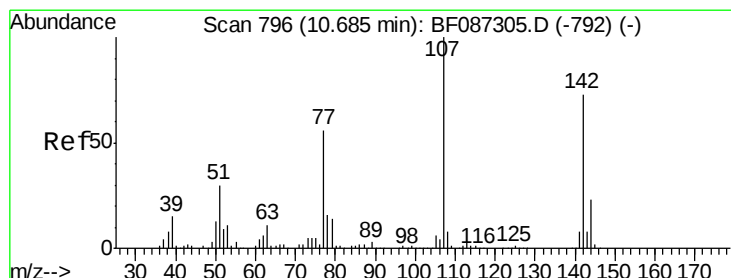
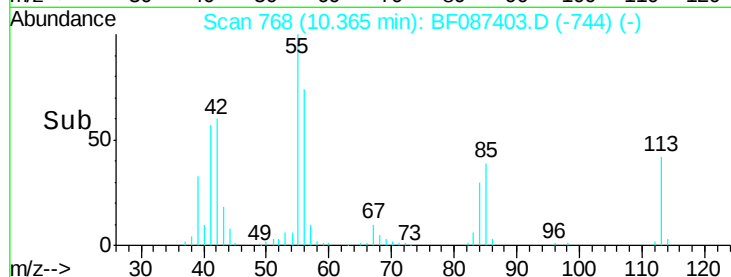
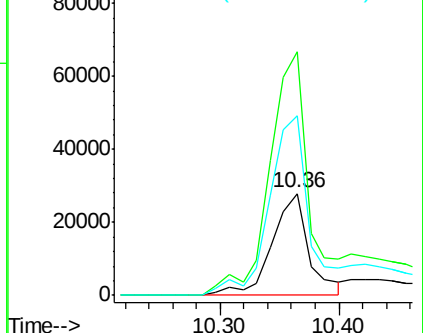
56 175.5 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 51.78 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

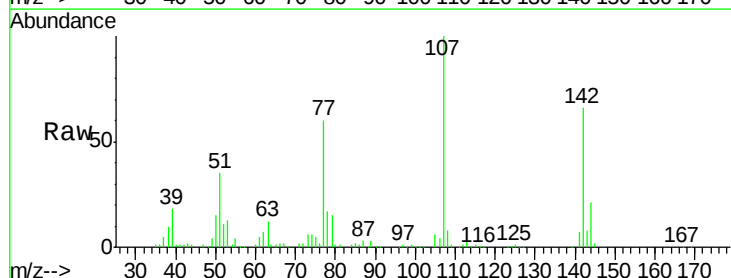
Tgt Ion:107 Resp: 313637

Ion Ratio Lower Upper

107 100

144 20.5 20.7 31.1#

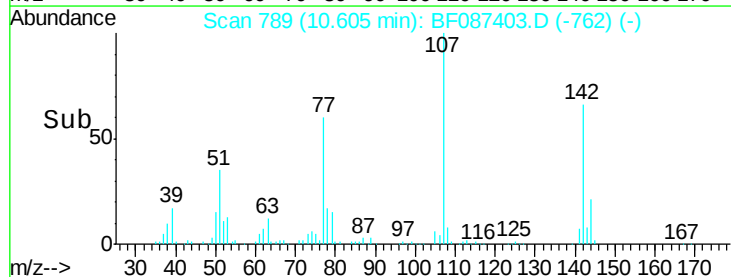
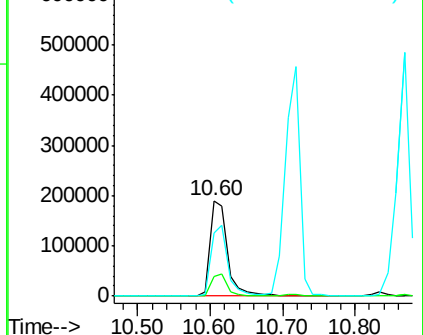
142 65.8 63.2 94.8

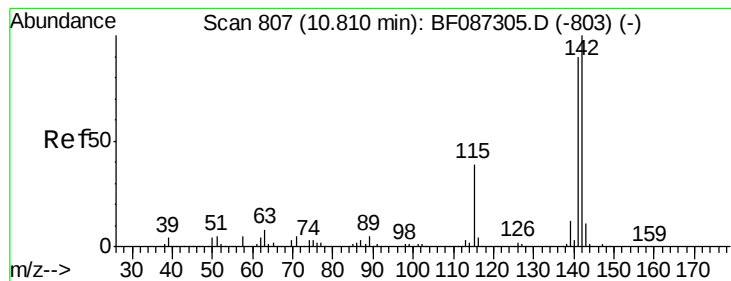


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 51.57 ng

RT: 10.72 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

ClientSampleId :

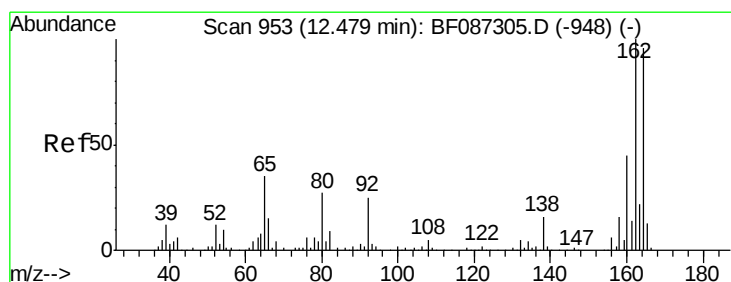
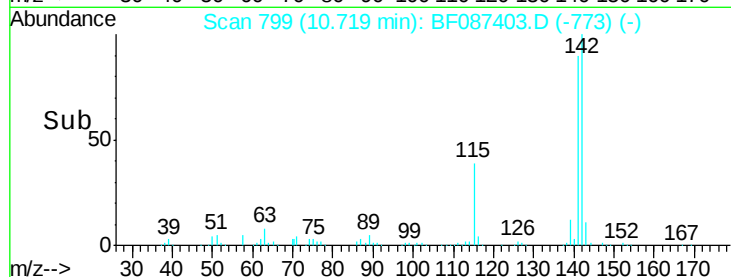
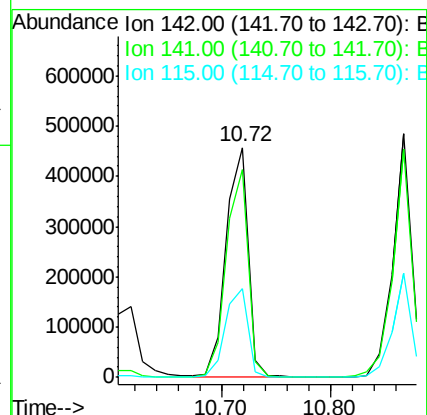
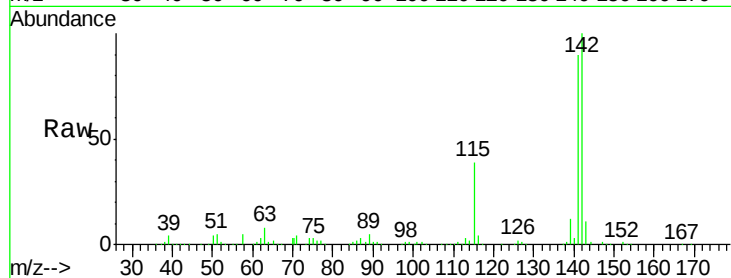
Tot Ion:142 Resp: 645703

Ion Ratio Lower Upper

142 100

141 90.2 71.0 106.6

115 38.6 26.6 39.8



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

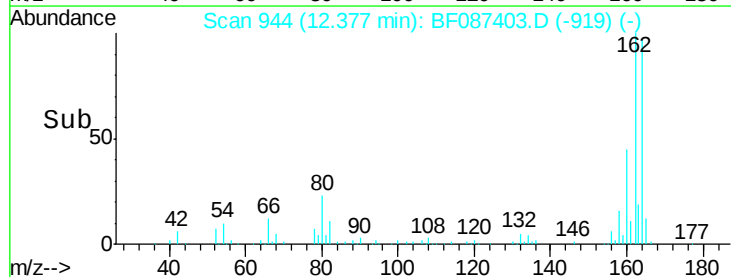
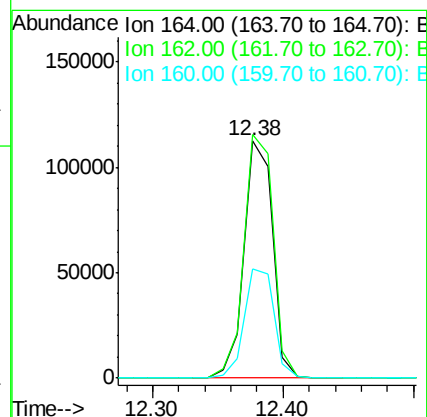
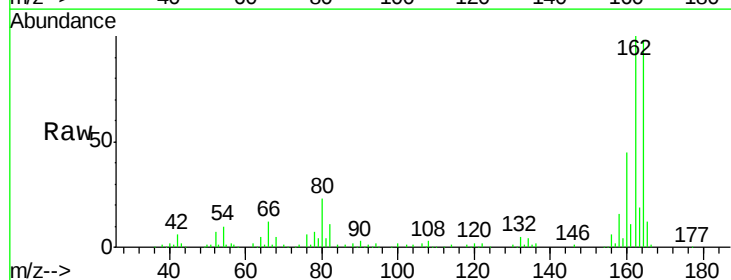
Tgt Ion:164 Resp: 170436

Ion Ratio Lower Upper

164 100

162 102.5 82.8 124.2

160 46.0 36.9 55.3

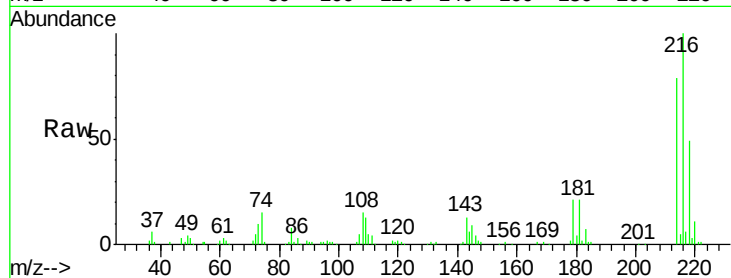




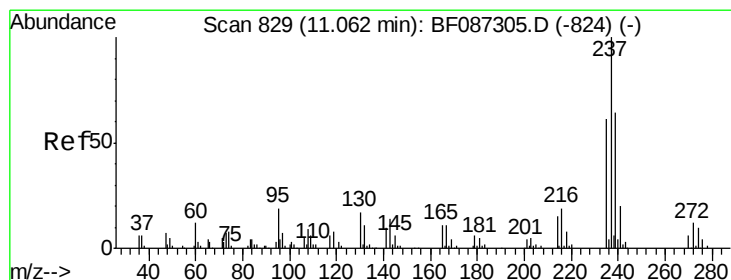
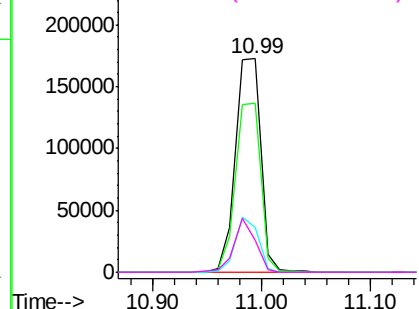
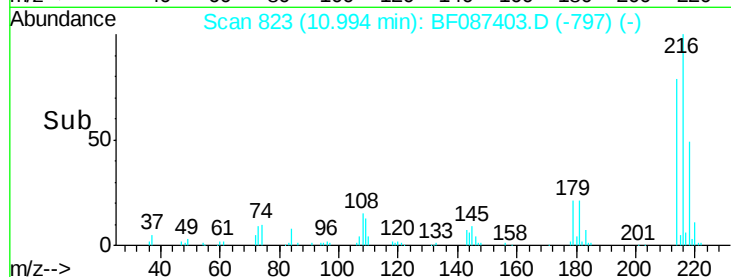
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.50 ng
 RT: 10.99 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	275501
Ion Ratio	Lower	Upper	
216	100		
214	79.3	62.6	93.8
179	23.6	18.2	27.4
108	21.3	17.5	26.3

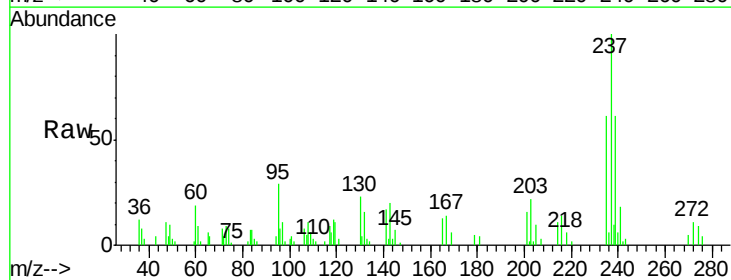


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

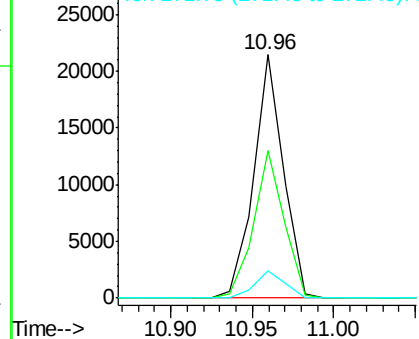
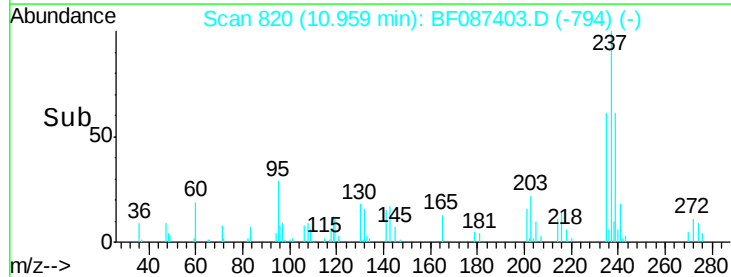


#40
 Hexachlorocyclopentadiene
 Concen: 20.05 ng
 RT: 10.96 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Tgt Ion:	237	Resp:	26976
Ion Ratio	Lower	Upper	
237	100		
235	60.8	47.2	87.2
272	11.3	0.0	31.1



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

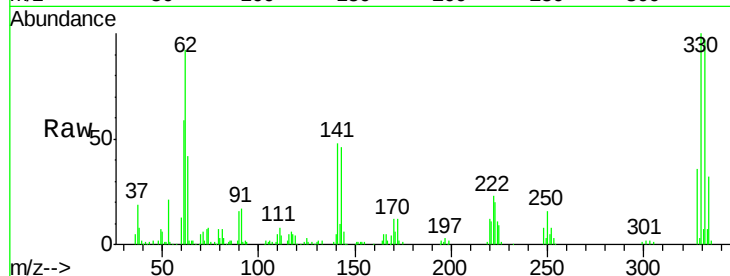




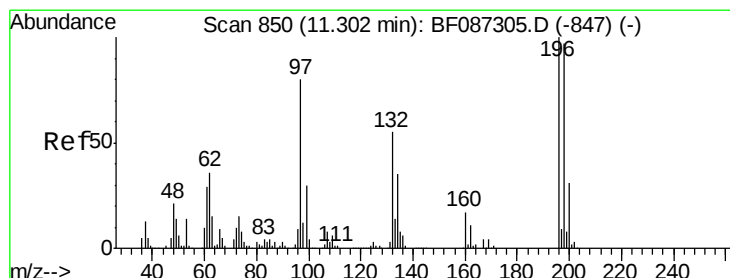
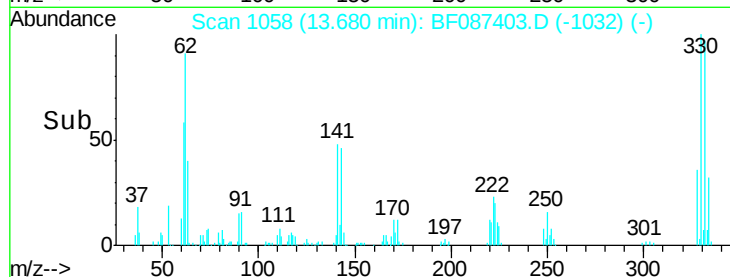
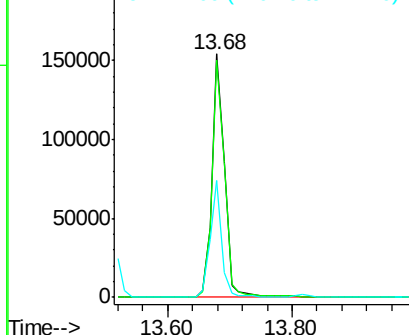
#41
 2,4,6-Tribromophenol
 Concen: 131.07 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	79.0	118.4
141	44.6	31.2	46.8

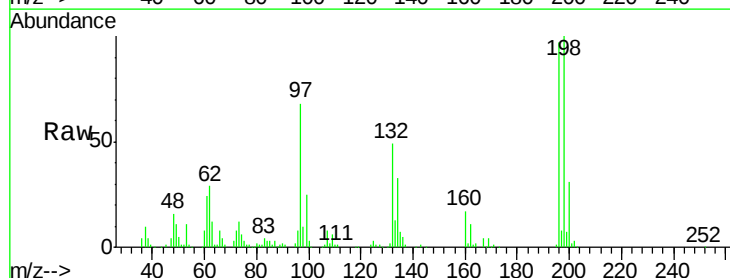


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

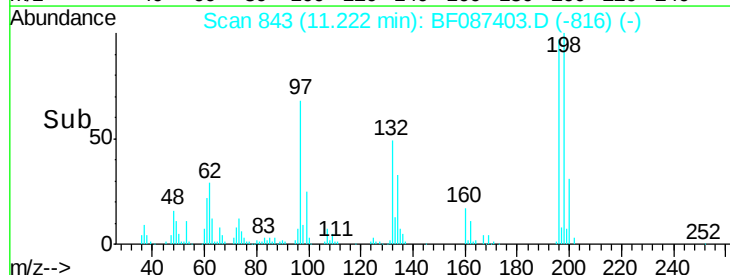
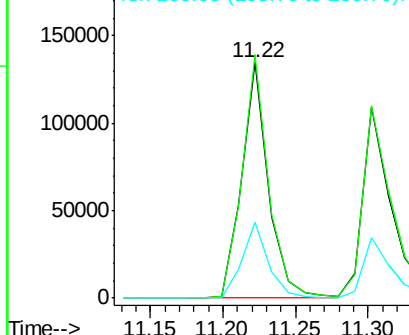


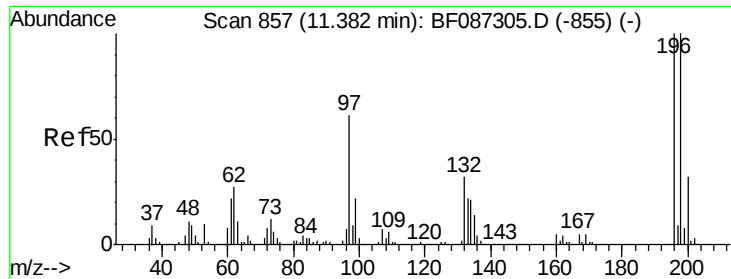
#42
 2,4,6-Trichlorophenol
 Concen: 54.56 ng
 RT: 11.22 min Scan# 843
 Delta R.T. 0.01 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.4	74.7	112.1
200	32.3	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

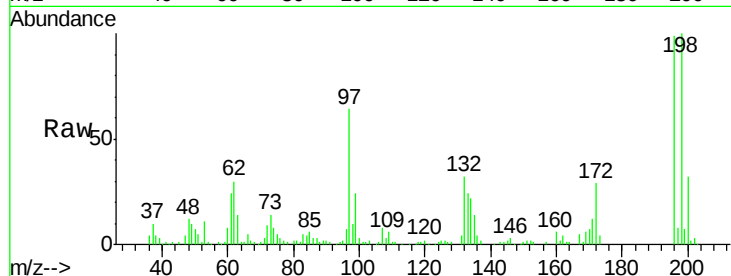




#43
 2,4,5-Trichlorophenol
 Concen: 50.87 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.01 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.0	77.5	116.3
97	64.9	34.8	52.2
132	32.6	23.0	34.4



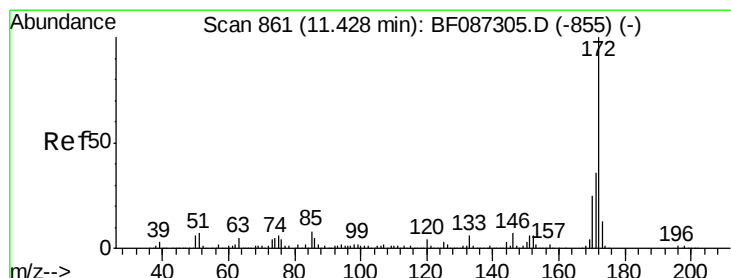
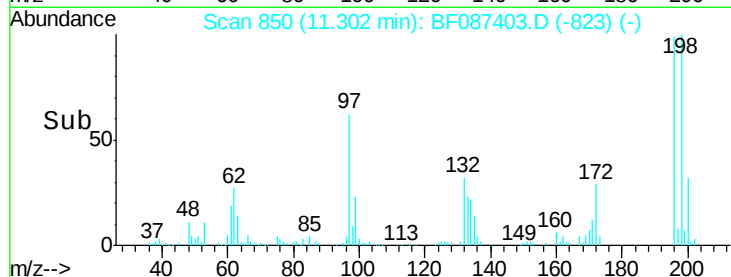
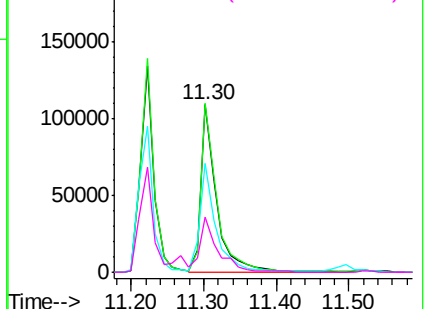
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

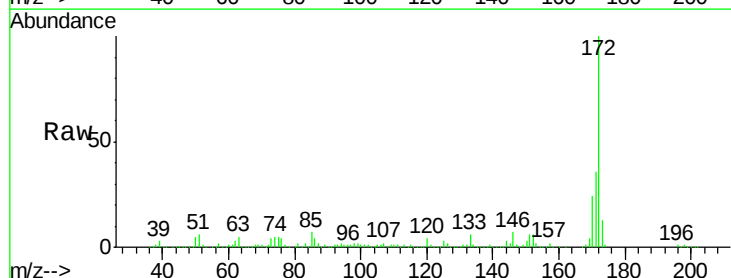
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 102.62 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.3	19.8	29.8

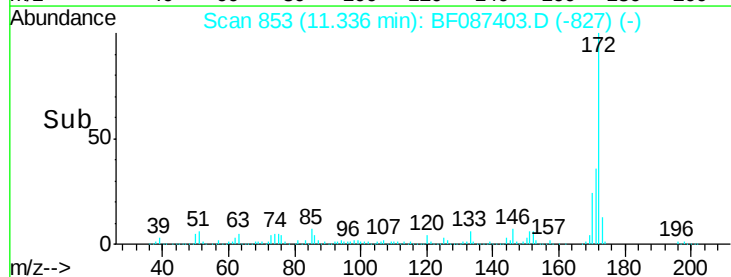
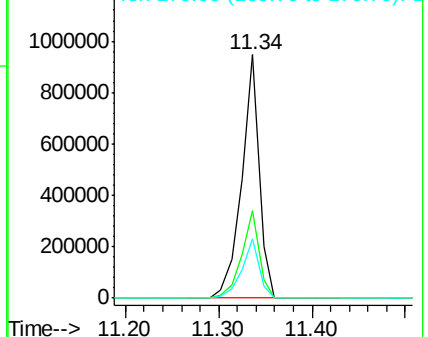


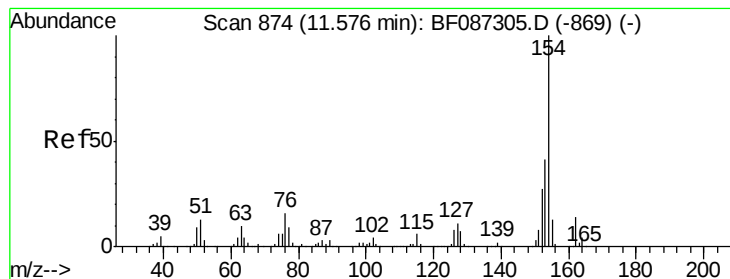
Abundance

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: 52.17 ng

RT: 11.48 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

ClientSampleId :

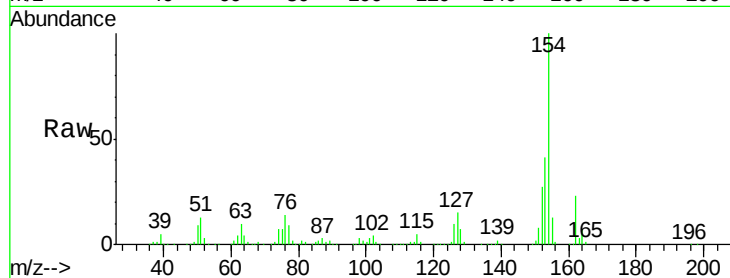
Tot Ion:154 Resp: 748685

Ion Ratio Lower Upper

154 100

153 41.5 20.3 60.3

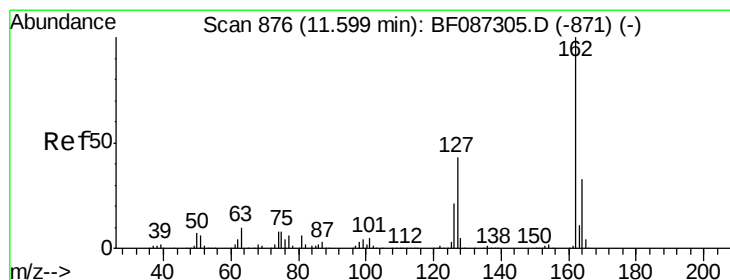
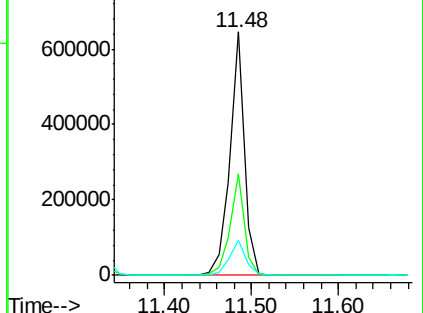
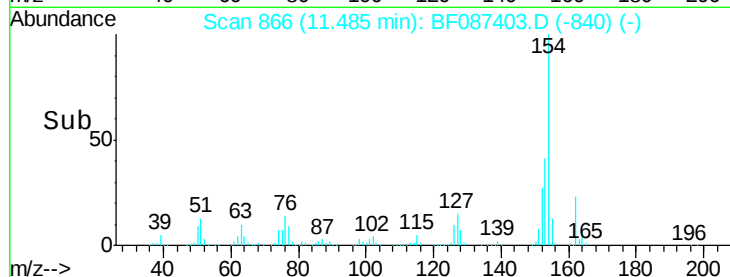
76 14.3 0.0 30.2



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: 50.32 ng

RT: 11.50 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

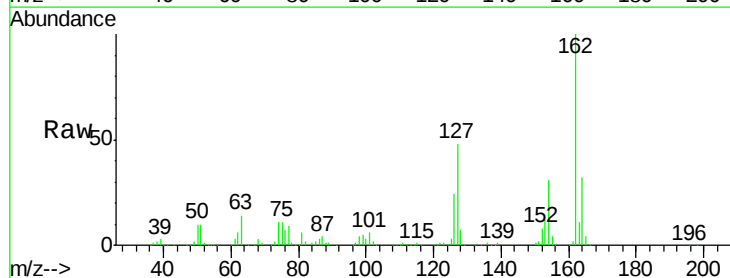
Tgt Ion:162 Resp: 552382

Ion Ratio Lower Upper

162 100

127 48.5 31.8 47.6#

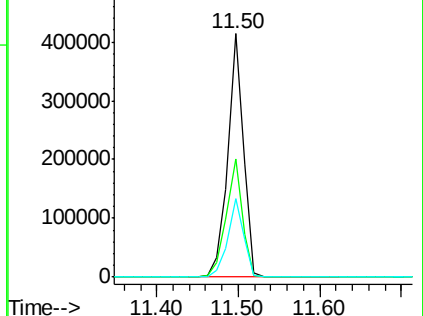
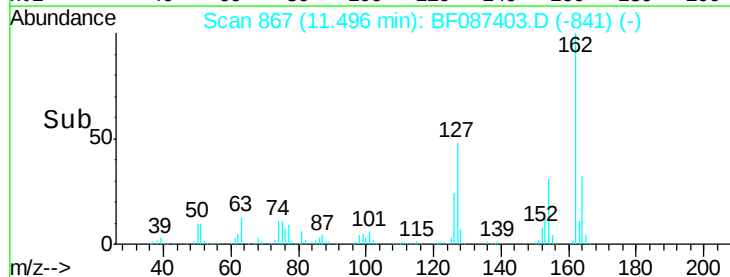
164 32.3 27.0 40.6

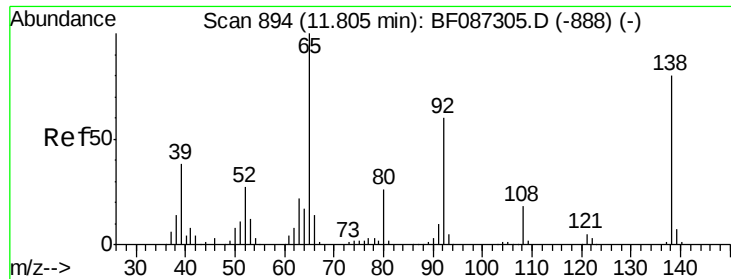


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

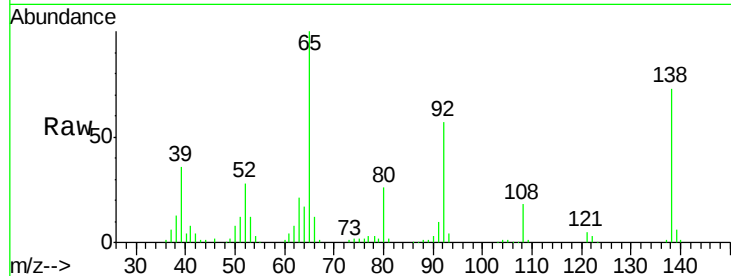




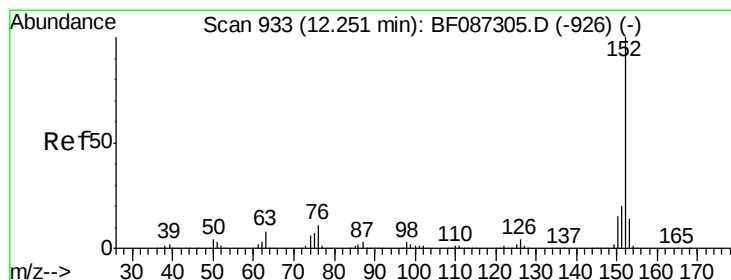
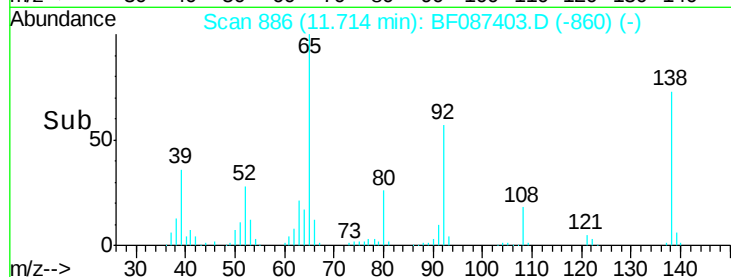
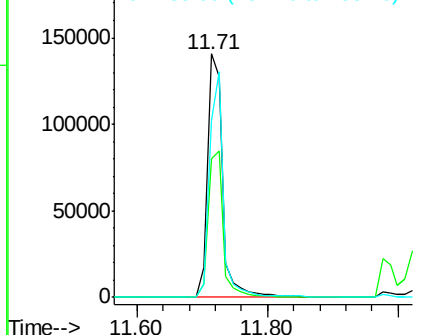
#47
 2-Nitroaniline
 Concen: 57.49 ng
 RT: 11.71 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 227409
 Ion Ratio Lower Upper
 65 100
 92 56.9 57.4 86.2#
 138 72.9 90.1 135.1#

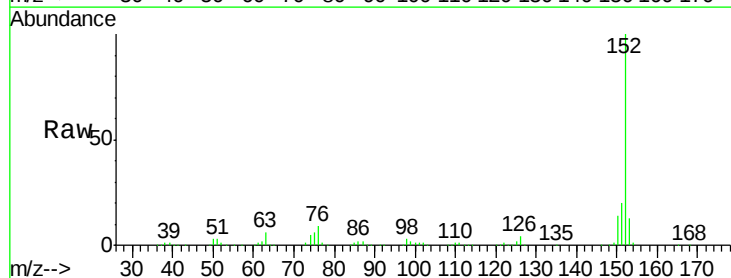


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

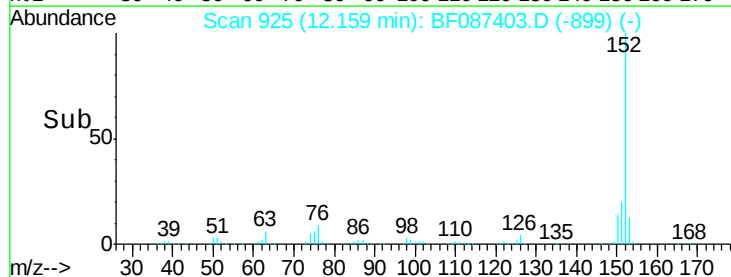
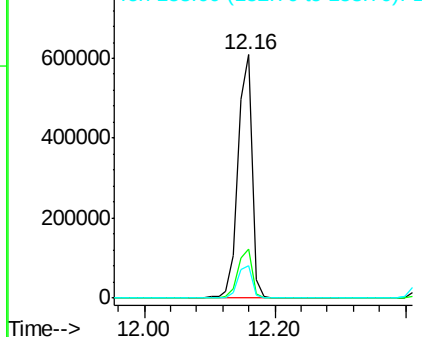


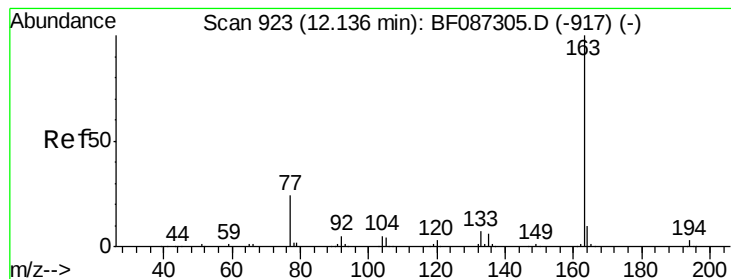
#48
 Acenaphthylene
 Concen: 51.33 ng
 RT: 12.16 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Tgt Ion: 152 Resp: 892208
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.8 25.2
 153 13.3 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: 73.60 ng

RT: 12.05 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

ClientSampleId :

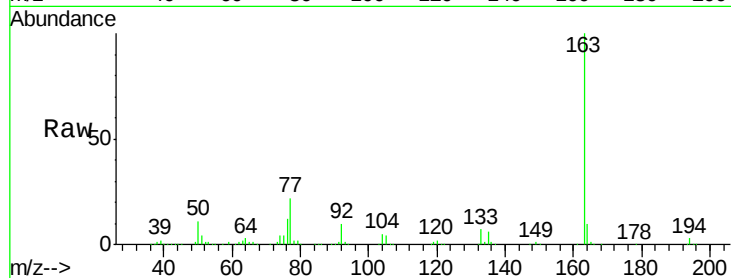
Tot Ion:163 Resp: 1004873

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

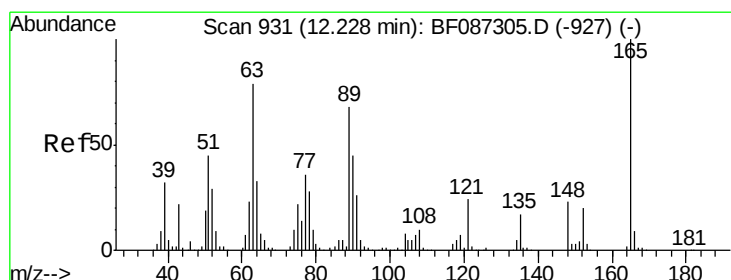
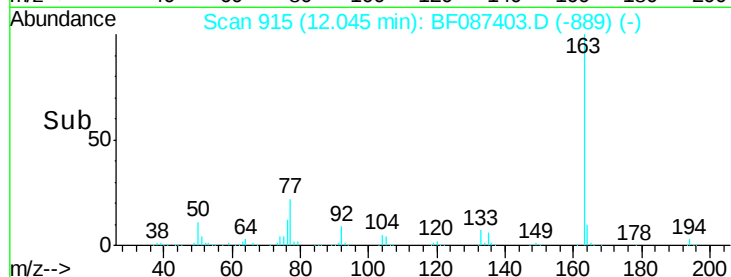
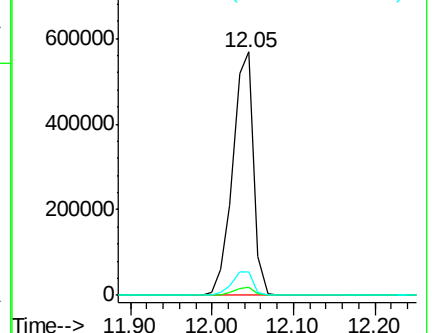
164 9.8 8.2 12.4



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: 53.18 ng

RT: 12.14 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

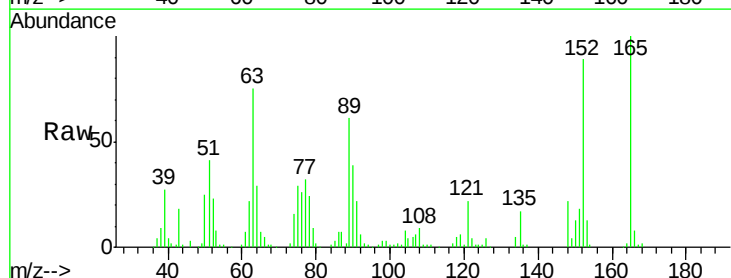
Tgt Ion:165 Resp: 146291

Ion Ratio Lower Upper

165 100

63 75.2 51.8 77.8

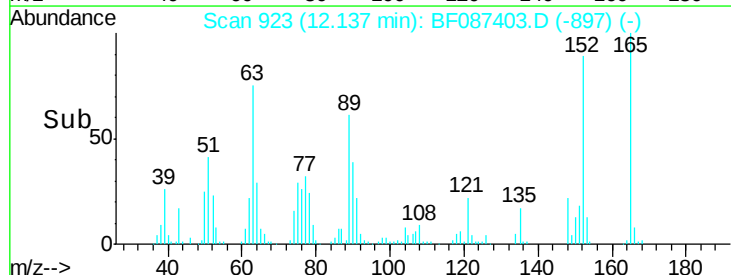
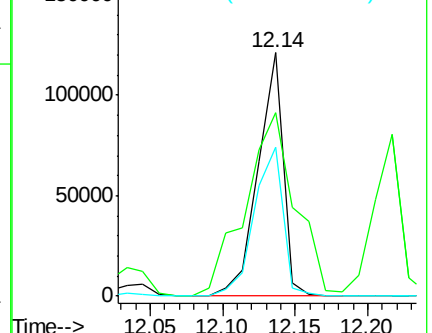
89 61.1 50.7 76.1

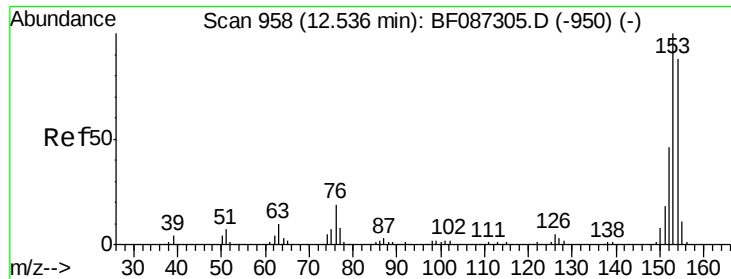


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 49.29 ng

RT: 12.43 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

ClientSampleId :

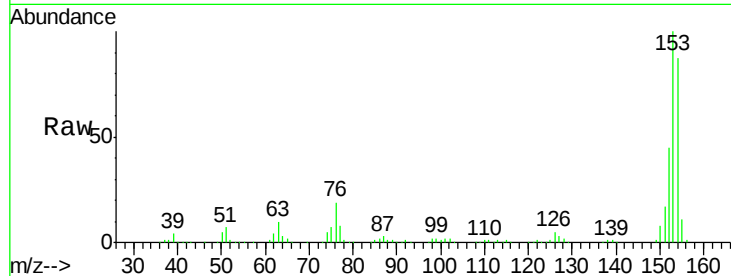
Tot Ion:154 Resp: 526520

Ion Ratio Lower Upper

154 100

153 114.7 89.8 134.6

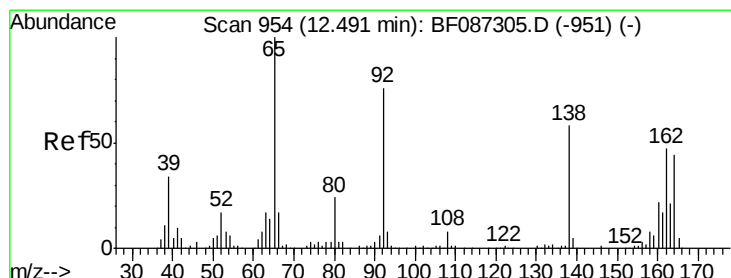
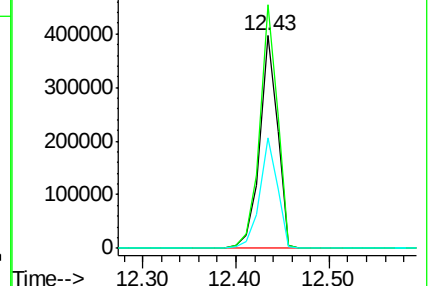
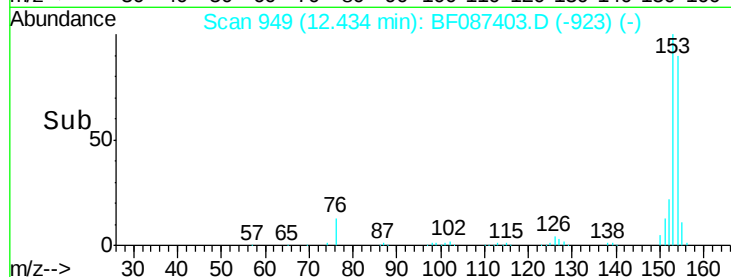
152 52.1 43.4 65.0



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: 35.96 ng

RT: 12.40 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

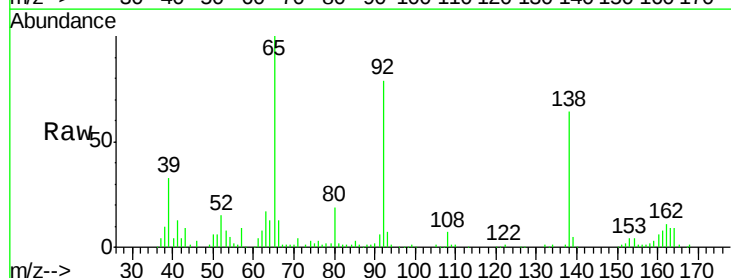
Tgt Ion:138 Resp: 101519

Ion Ratio Lower Upper

138 100

108 11.3 7.8 11.6

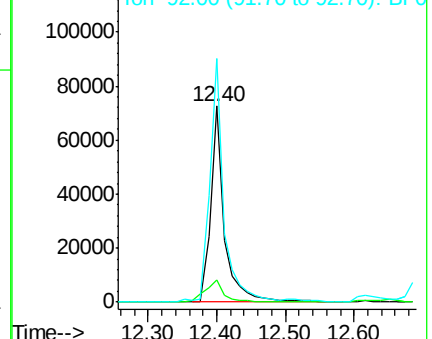
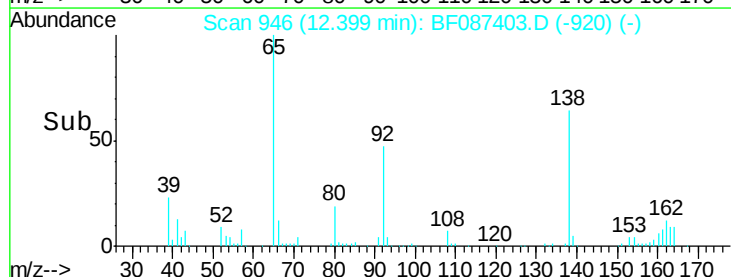
92 124.4 87.8 131.8

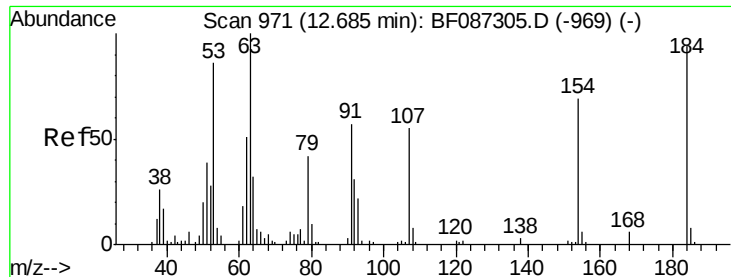


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

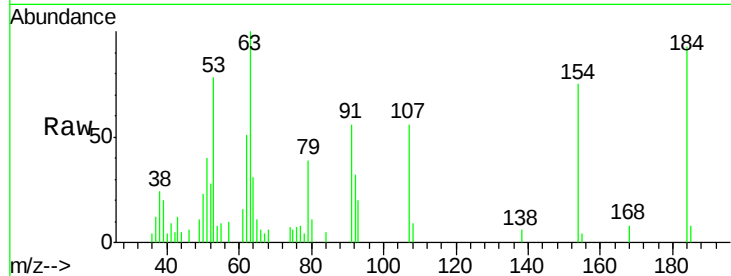




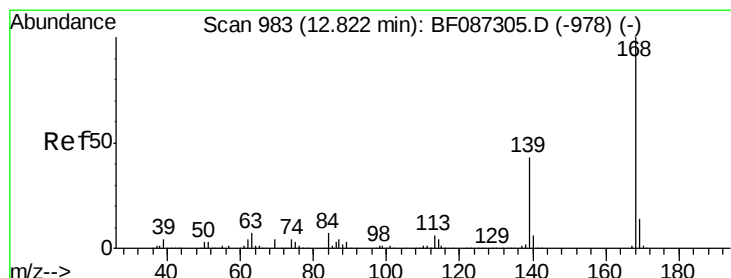
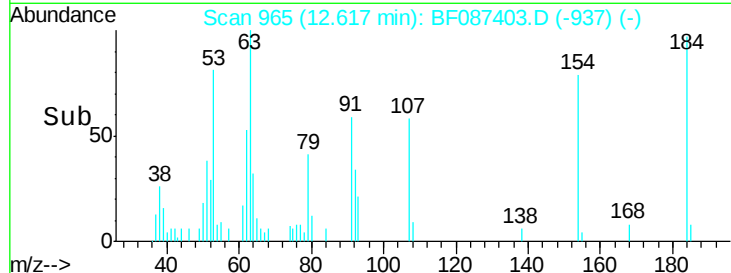
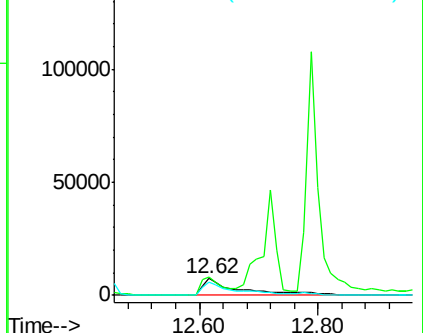
#53
2,4-Dinitrophenol
Concen: 27.69 ng
RT: 12.62 min Scan# 965
Delta R.T. 0.02 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 32425
Ion Ratio Lower Upper
184 100
63 107.7 55.8 83.8#
154 80.7 62.4 93.6

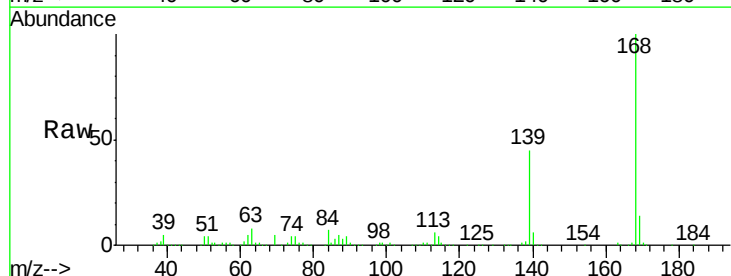


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

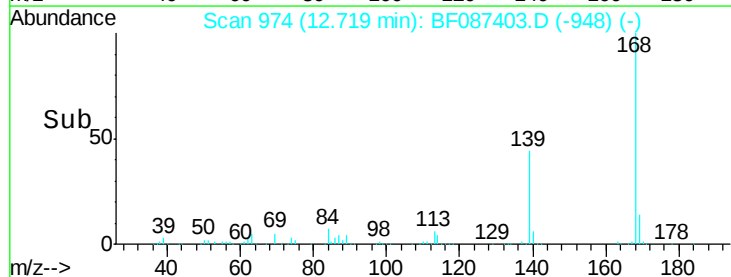
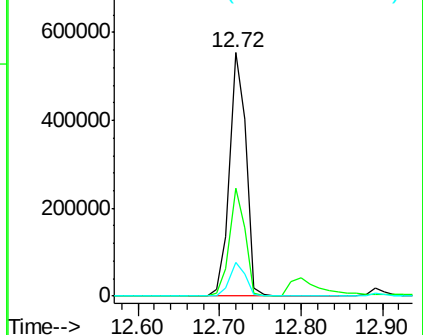


#54
Dibenzofuran
Concen: 53.85 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion:168 Resp: 778860
Ion Ratio Lower Upper
168 100
139 44.6 31.4 47.0
169 13.6 10.7 16.1



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

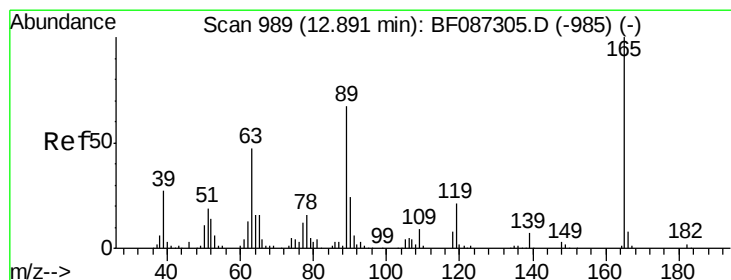
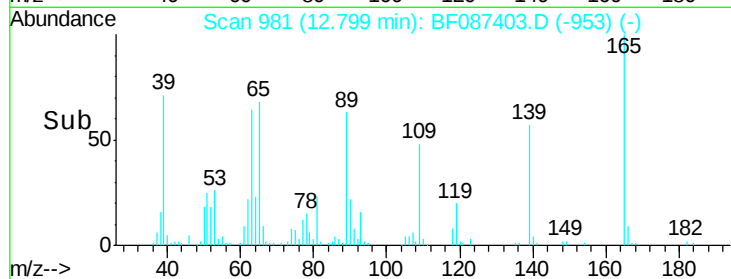
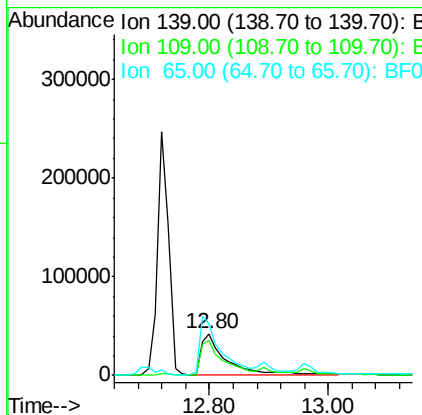
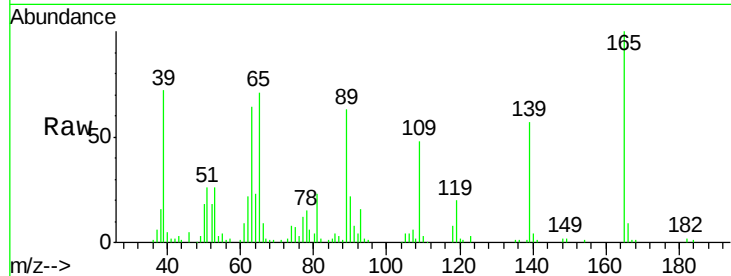




#55
4-Nitrophenol
Concen: 91.26 ng
RT: 12.80 min Scan# 981
Delta R.T. 0.02 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

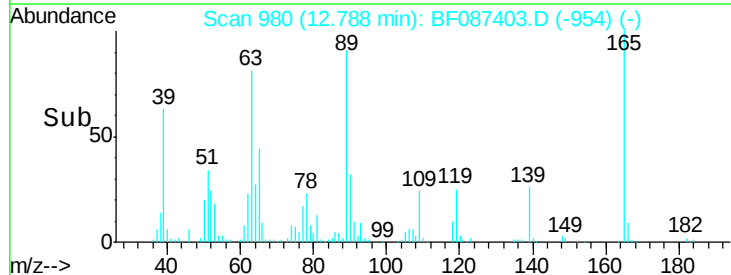
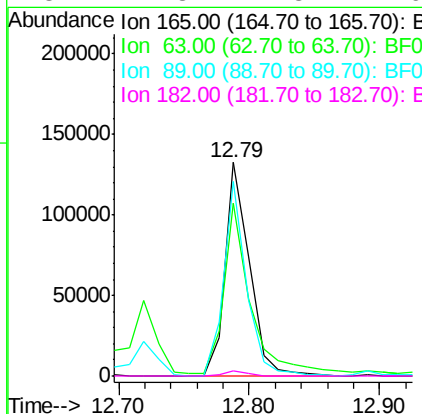
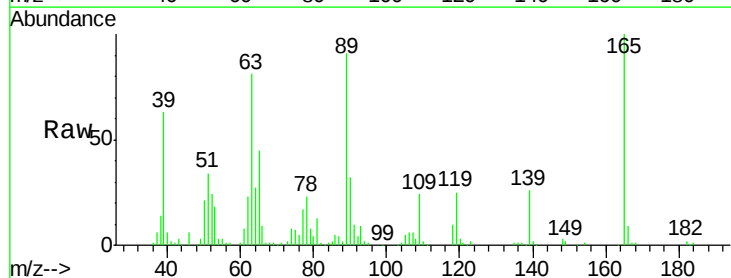
Instrument :
BNA_F
ClientSampled :

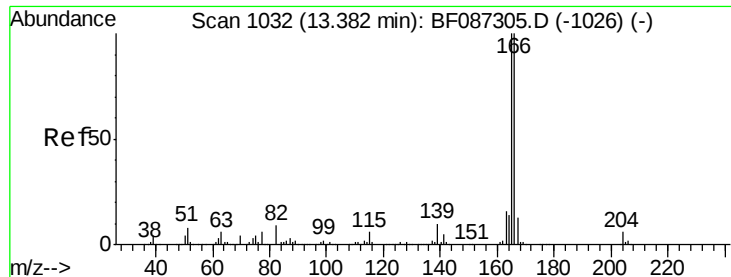
Tot Ion:139 Resp: 122919
Ion Ratio Lower Upper
139 100
109 83.9 36.9 76.9#
65 124.3 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 47.01 ng
RT: 12.79 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion:165 Resp: 172868
Ion Ratio Lower Upper
165 100
63 81.2 44.3 66.5#
89 91.3 70.0 105.0
182 2.3 1.8 2.6





#57

Fluorene

Concen: 48.31 ng

RT: 13.28 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

ClientSampleId :

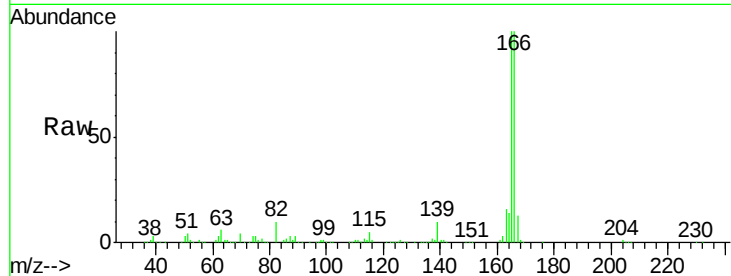
Tot Ion:166 Resp: 605915

Ion Ratio Lower Upper

166 100

165 99.7 79.0 118.6

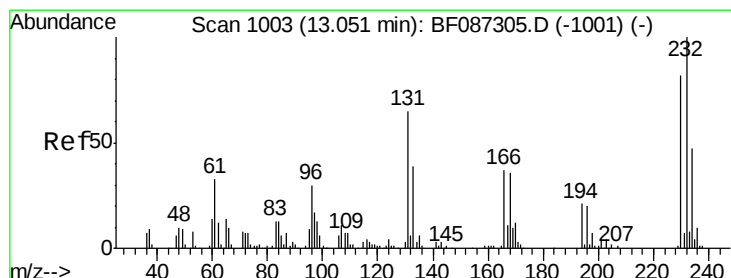
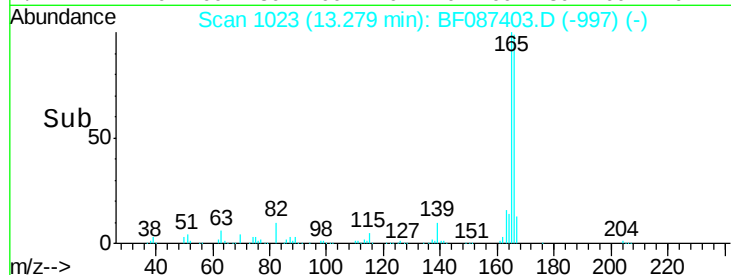
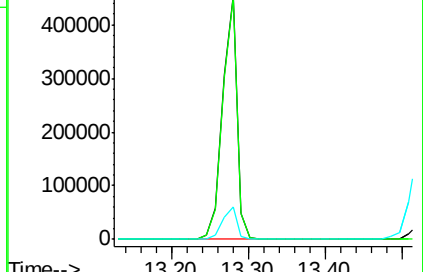
167 13.1 10.6 15.8



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: 36.03 ng

RT: 12.89 min Scan# 989

Delta R.T. -0.07 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Tgt Ion:232 Resp: 88883

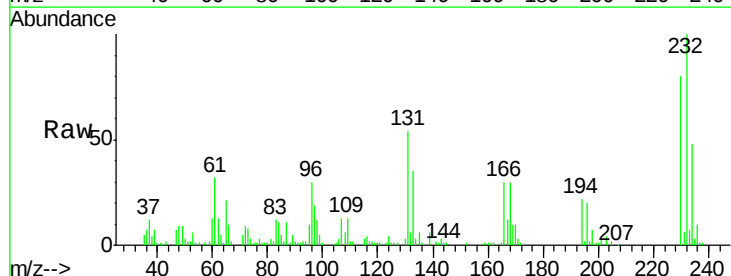
Ion Ratio Lower Upper

232 100

131 54.6 41.9 62.9

130 3.0 2.2 3.4

166 28.3 26.8 40.2

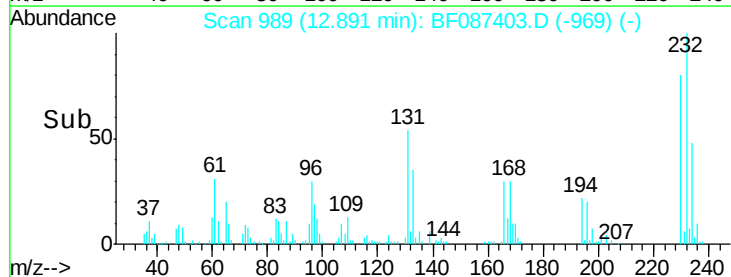
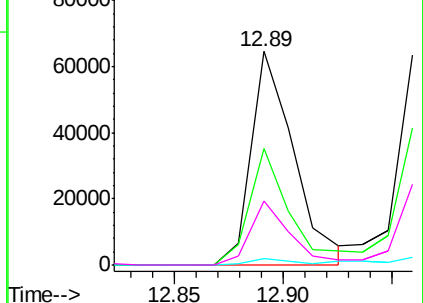


Abundance Ion 232.00 (231.70 to 232.70): E

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

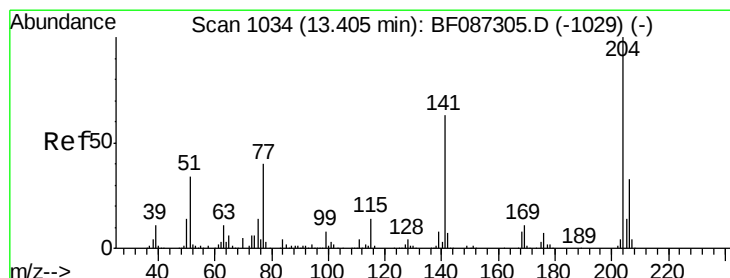
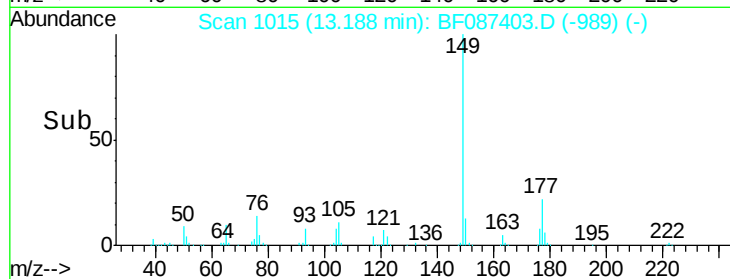
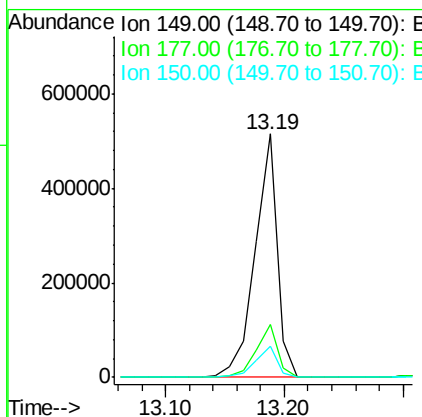
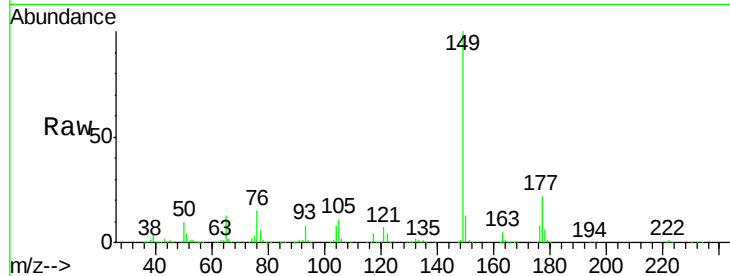




#59
Diethylphthalate
Concen: 50.84 ng
RT: 13.19 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

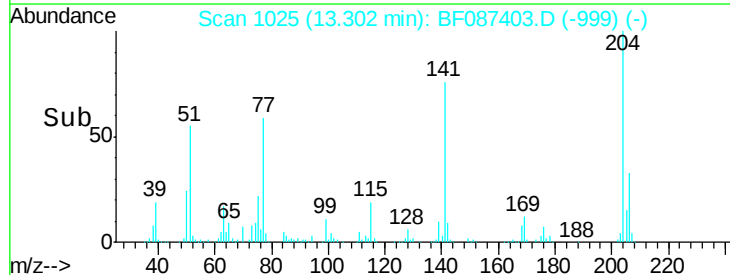
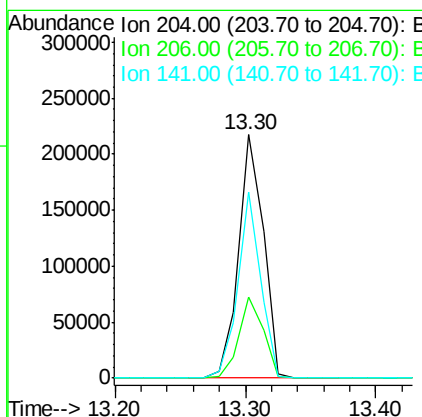
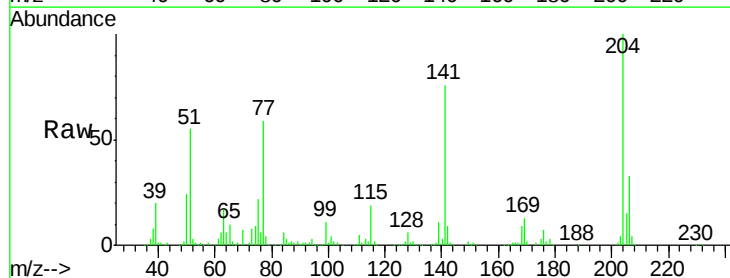
Instrument :
BNA_F
ClientSampleId :

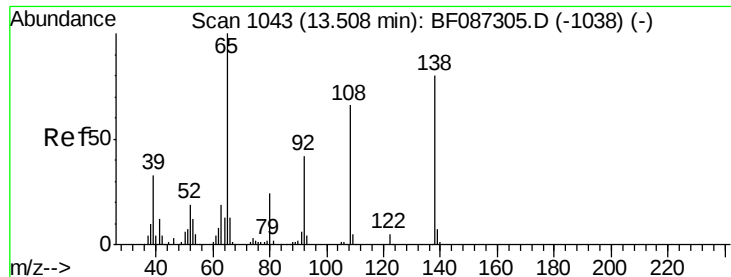
Tot Ion:149 Resp: 674831
Ion Ratio Lower Upper
149 100
177 21.6 16.6 24.8
150 12.7 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 46.93 ng
RT: 13.30 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion:204 Resp: 287017
Ion Ratio Lower Upper
204 100
206 33.3 25.4 38.0
141 76.2 61.6 92.4

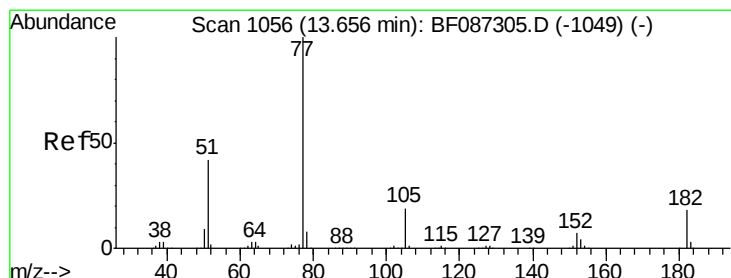
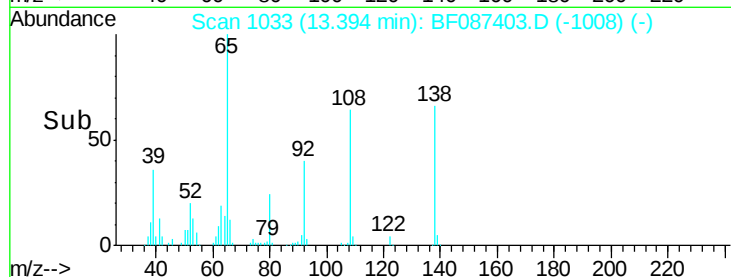
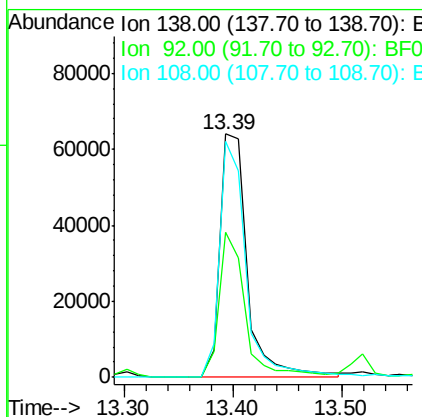
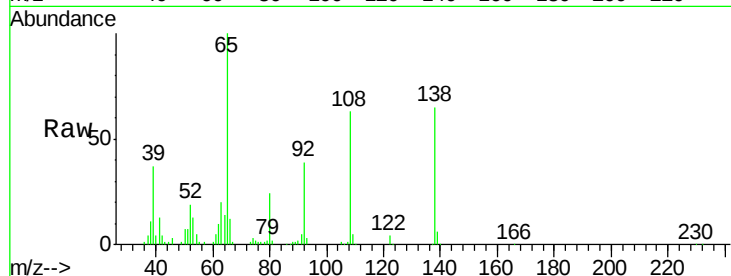




#61
4-Nitroaniline
Concen: 42.62 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

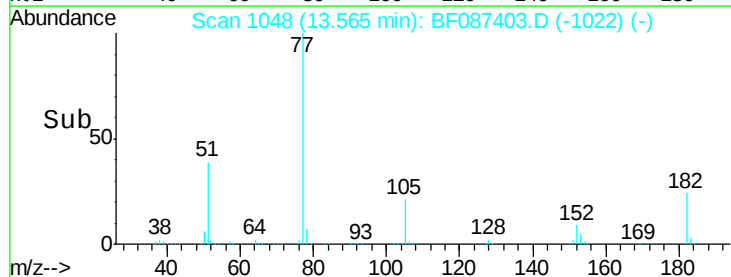
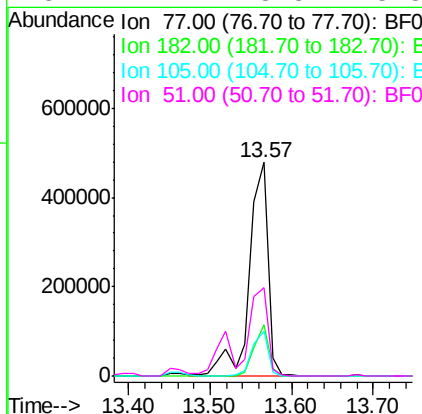
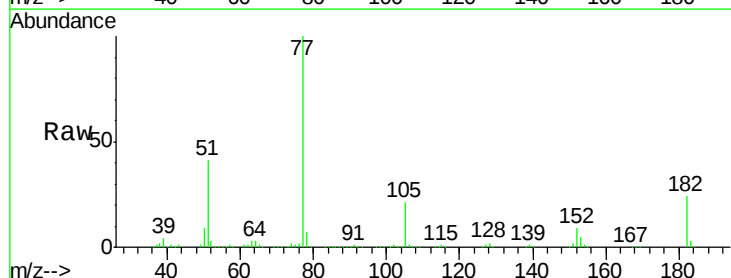
Instrument :
BNA_F
ClientSampleId :

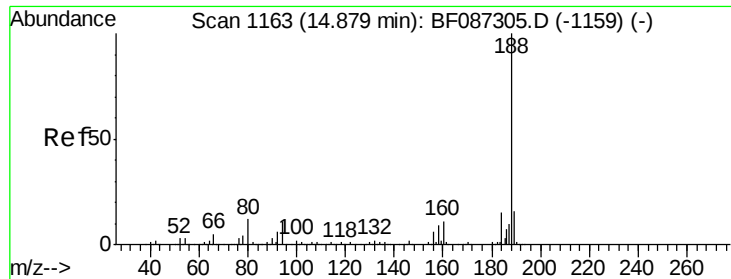
Tot Ion:138 Resp: 112314
Ion Ratio Lower Upper
138 100
92 59.7 24.7 64.7
108 97.0 37.4 77.4#



#62
Azobenzene
Concen: 54.82 ng
RT: 13.57 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion: 77 Resp: 754878
Ion Ratio Lower Upper
77 100
182 23.9 0.0 38.8
105 21.0 3.2 43.2
51 41.1 8.8 48.8

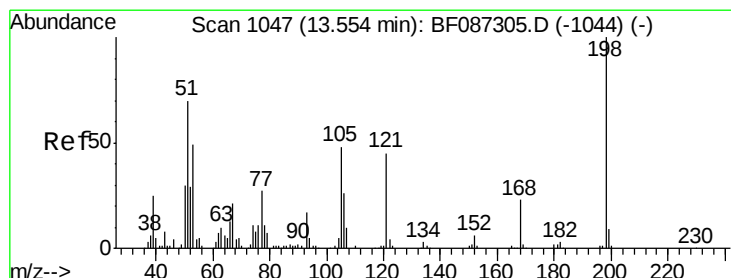
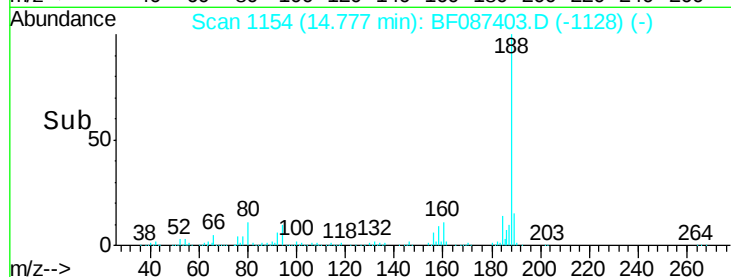
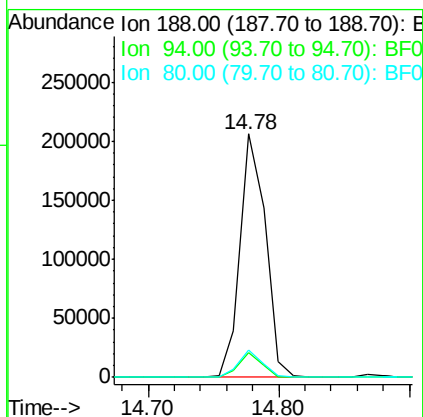
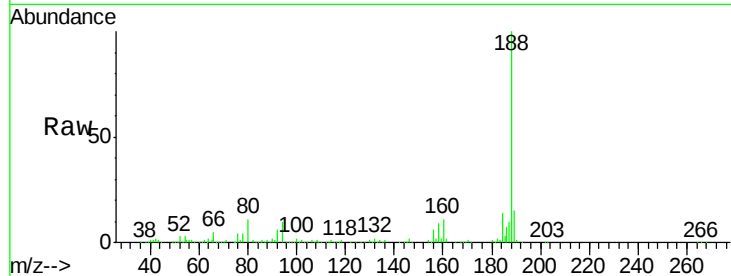




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

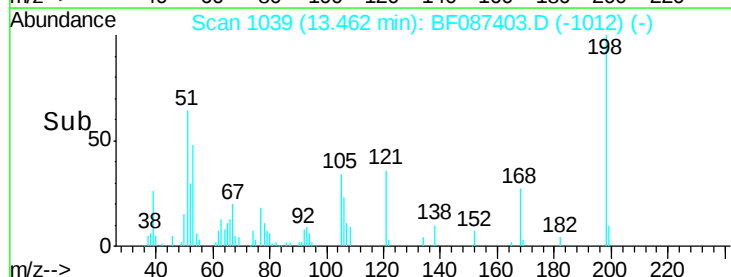
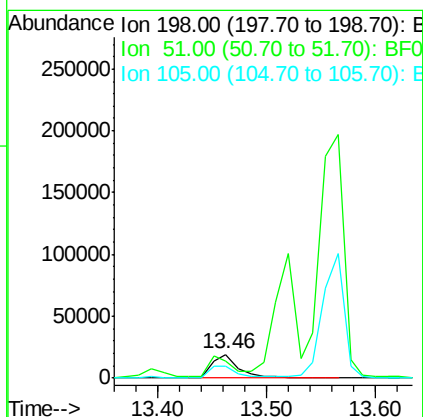
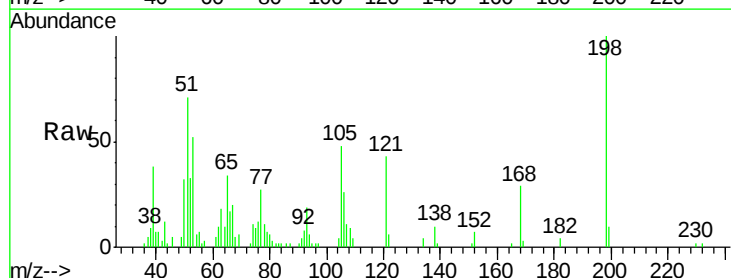
Instrument :
BNA_F
ClientSampled :

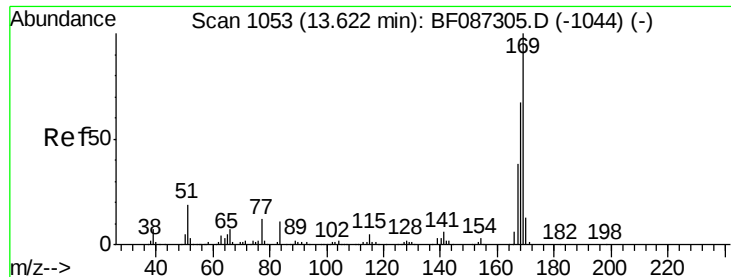
Tot Ion:188 Resp: 278949
Ion Ratio Lower Upper
188 100
94 10.1 6.8 10.2
80 11.3 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 18.68 ng
RT: 13.46 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion:198 Resp: 33135
Ion Ratio Lower Upper
198 100
51 71.3 20.5 60.5#
105 47.5 24.5 64.5

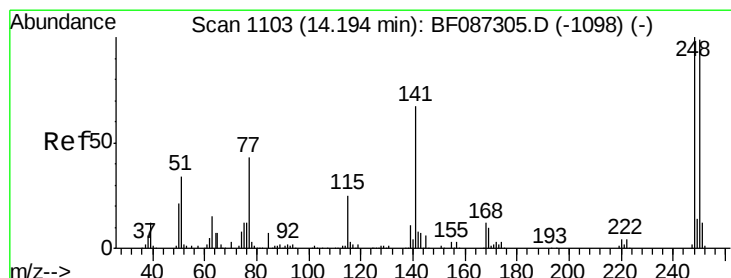
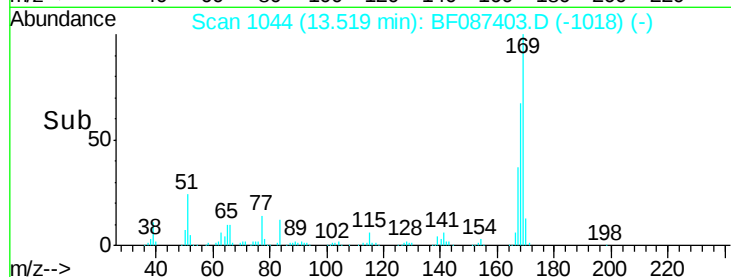
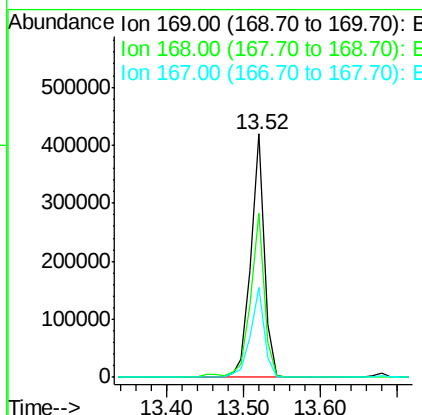
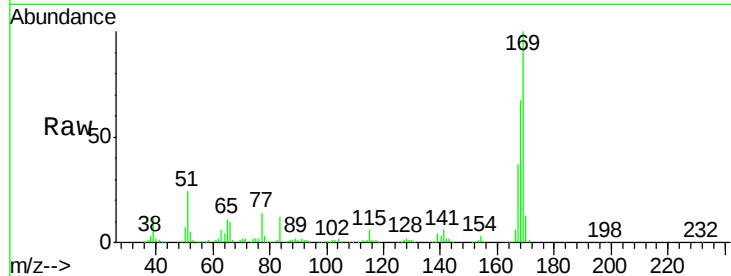




#65
n-Nitrosodiphenylamine
Concen: 56.36 ng
RT: 13.52 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

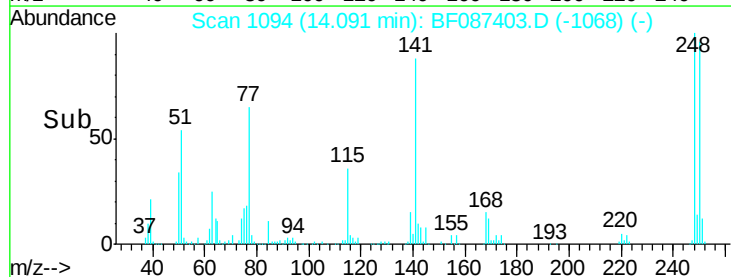
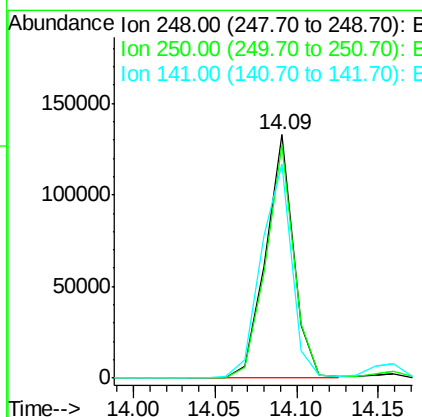
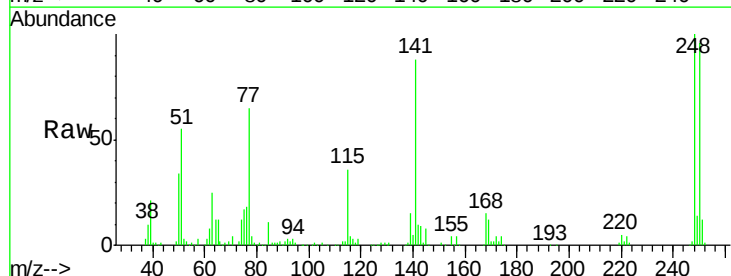
Instrument :
BNA_F
ClientSampleId :

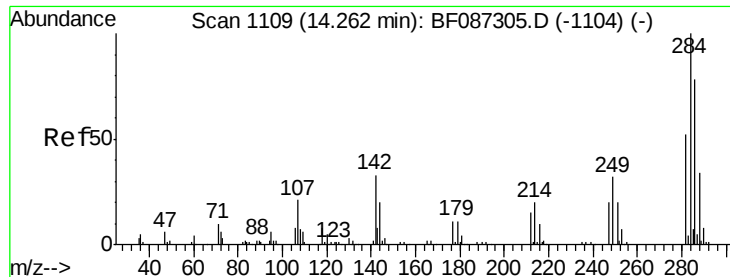
Tot Ion:169 Resp: 508419
Ion Ratio Lower Upper
169 100
168 67.2 53.8 80.6
167 37.1 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 52.11 ng
RT: 14.09 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion:248 Resp: 159008
Ion Ratio Lower Upper
248 100
250 95.8 78.6 117.8
141 88.0 76.0 114.0

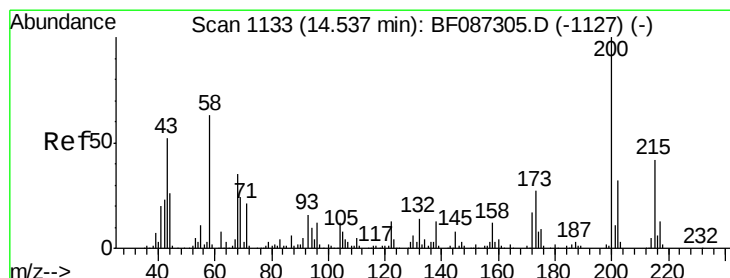
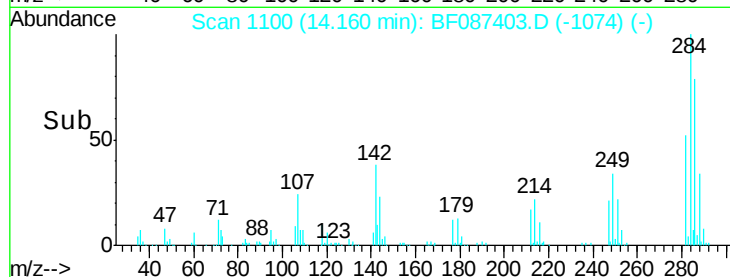
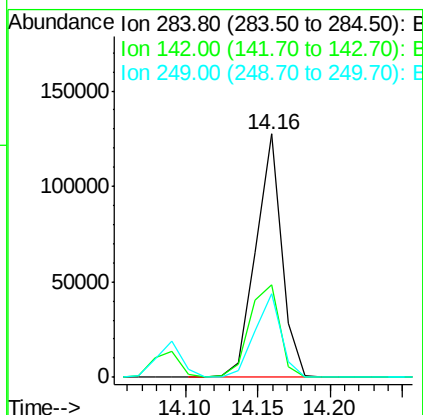
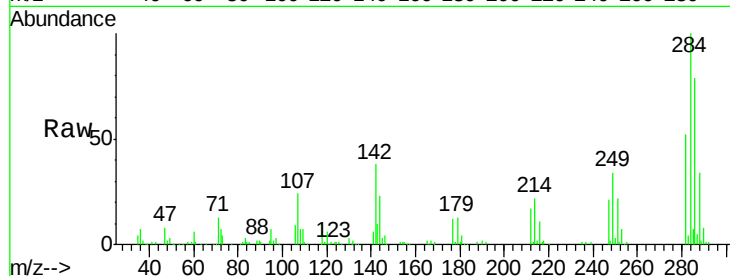




#67
Hexachlorobenzene
Concen: 49.57 ng
RT: 14.16 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

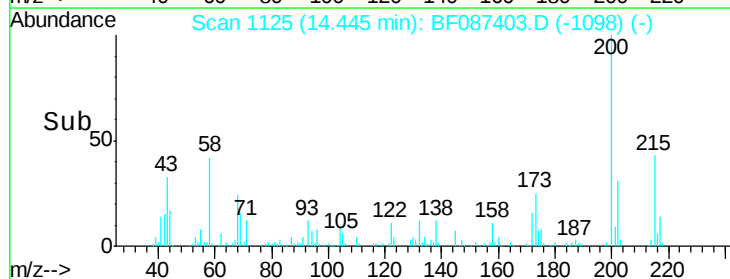
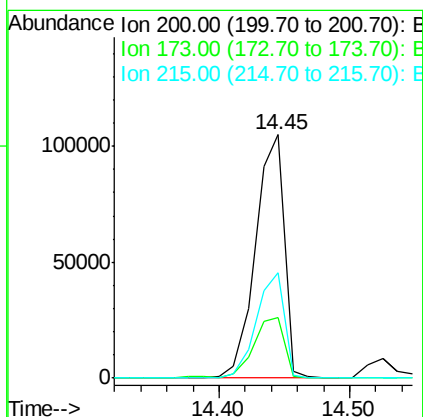
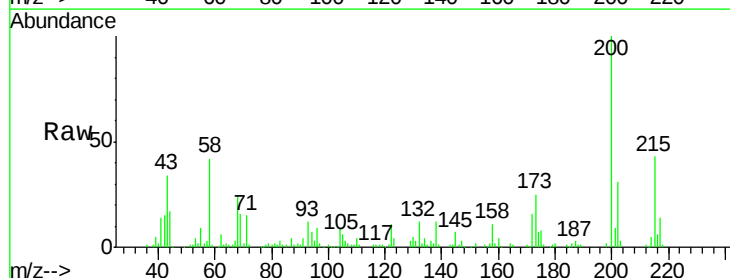
Instrument :
BNA_F
ClientSampleId :

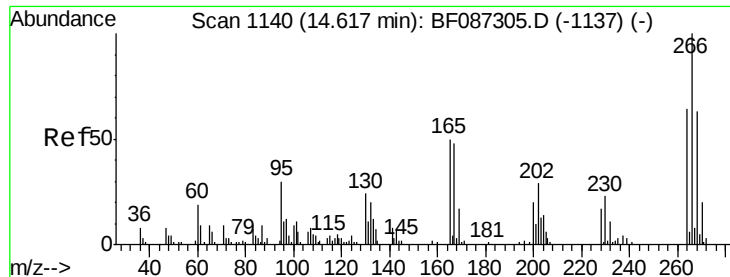
Tot Ion:284 Resp: 158206
Ion Ratio Lower Upper
284 100
142 38.2 16.7 25.1#
249 34.5 21.3 31.9#



#68
Atrazine
Concen: 56.45 ng
RT: 14.45 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion:200 Resp: 162337
Ion Ratio Lower Upper
200 100
173 24.6 8.5 48.5
215 43.4 27.2 67.2

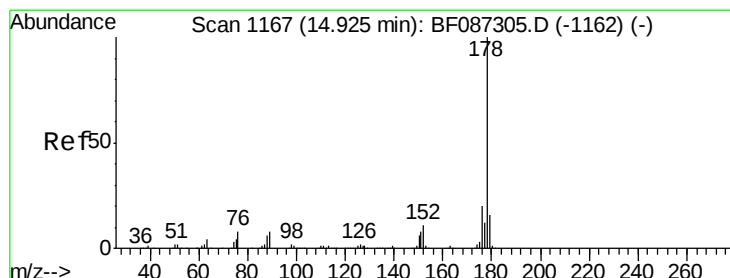
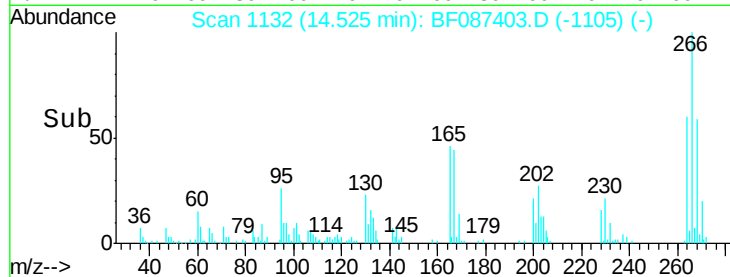
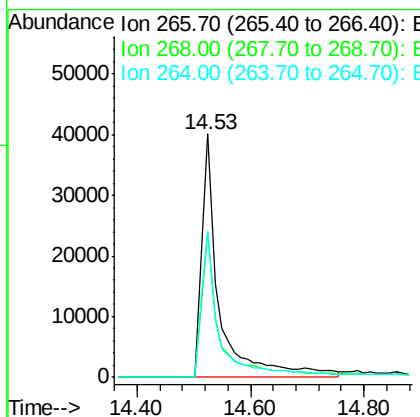
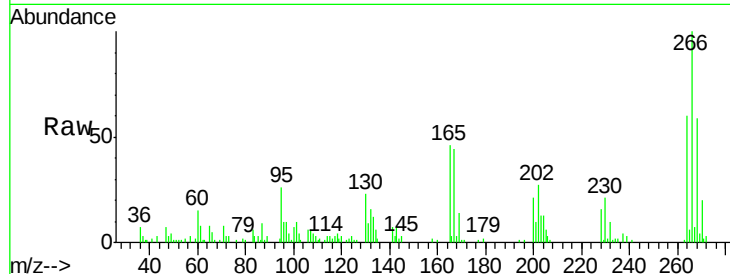




#69
 Pentachlorophenol
 Concen: 84.16 ng
 RT: 14.53 min Scan# 1132
 Delta R.T. 0.01 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

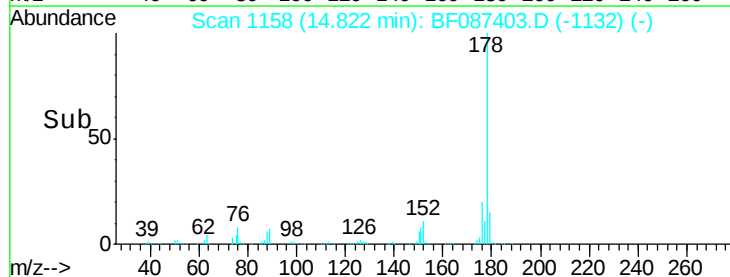
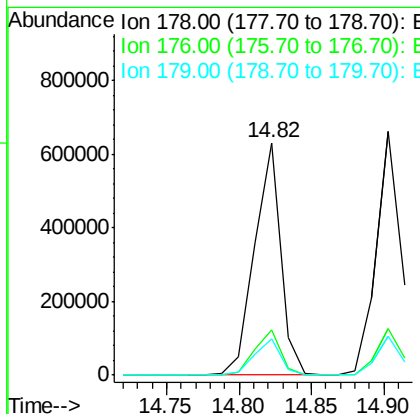
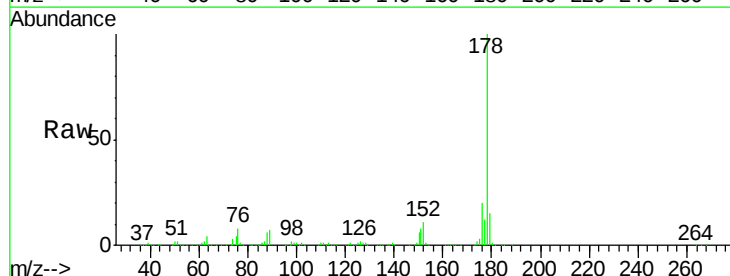
Instrument :
 BNA_F
 ClientSampleId :

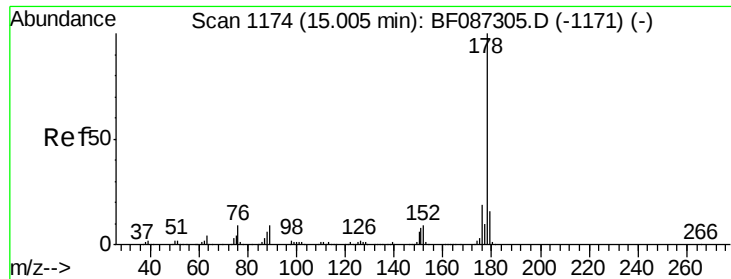
Tot Ion:266 Resp: 83829
 Ion Ratio Lower Upper
 266 100
 268 59.4 51.5 77.3
 264 60.3 52.9 79.3



#70
 Phenanthrene
 Concen: 51.32 ng
 RT: 14.82 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Tgt Ion:178 Resp: 792914
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 15.4 12.6 18.8

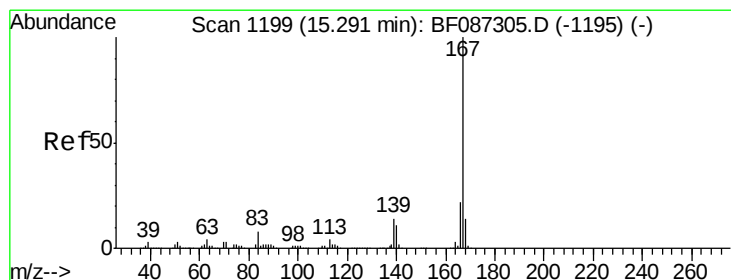
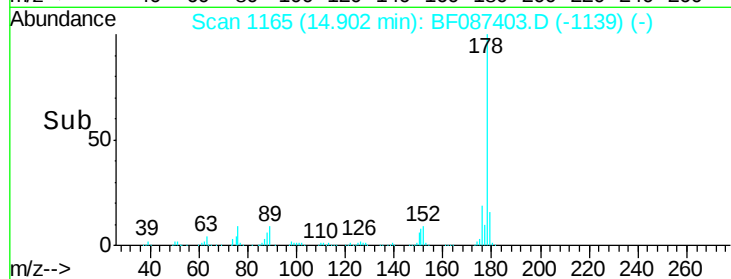
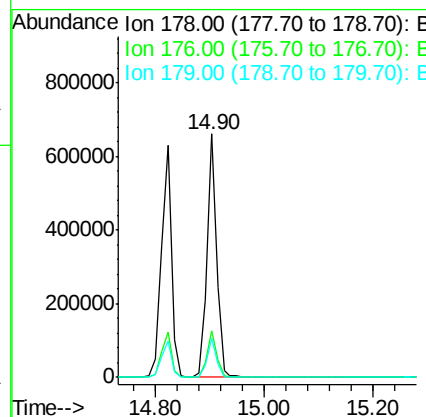
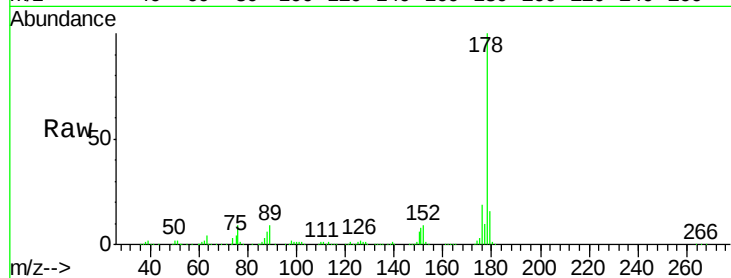




#71
 Anthracene
 Concen: 51.23 ng
 RT: 14.90 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

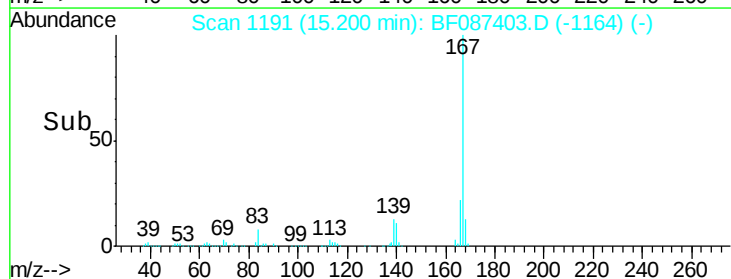
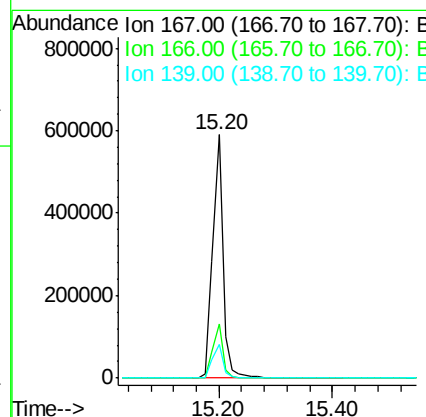
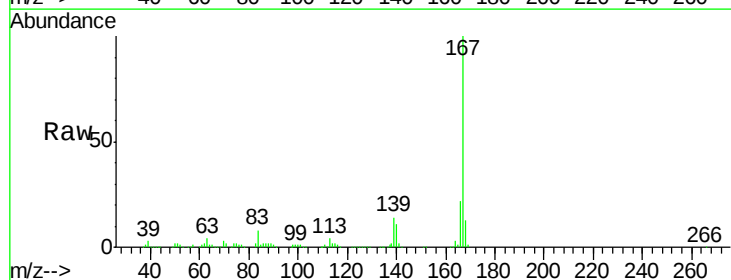
Instrument :
 BNA_F
 ClientSampleId :

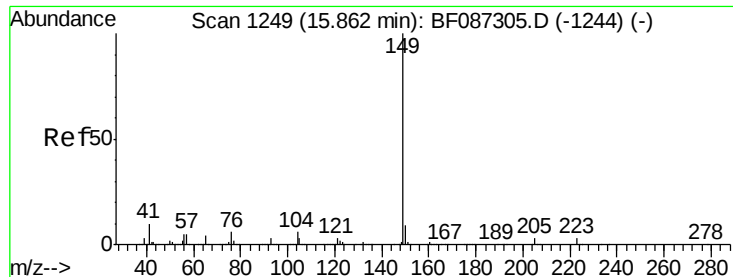
Tot Ion:178 Resp: 799595
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 15.9 12.7 19.1



#72
 Carbazole
 Concen: 53.66 ng
 RT: 15.20 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Tgt Ion:167 Resp: 714388
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 14.0 10.8 16.2





#73

Di-n-butylphthalate

Concen: 53.06 ng

RT: 15.77 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

ClientSampleId :

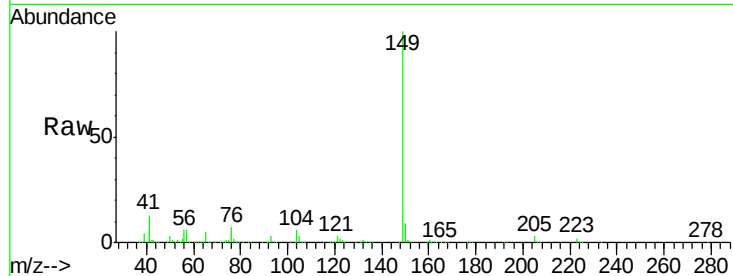
Tot Ion:149 Resp: 913476

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

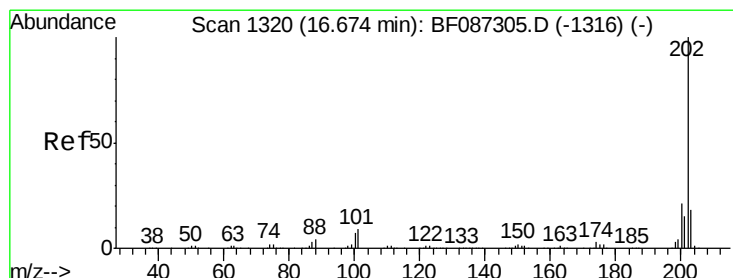
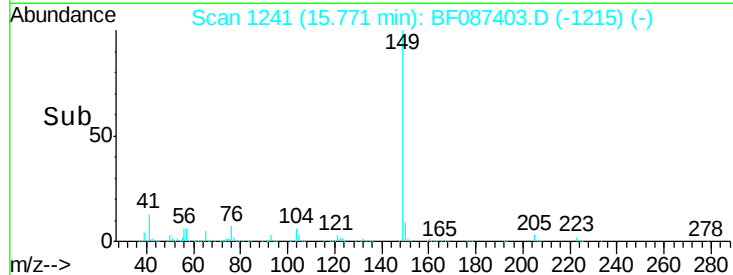
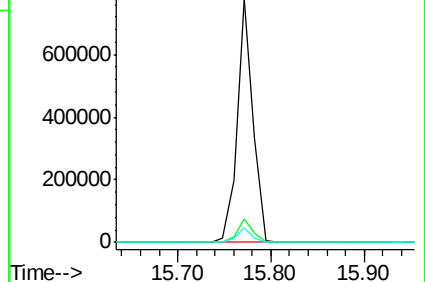
104 6.1 3.8 5.6#



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: 50.57 ng

RT: 16.58 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

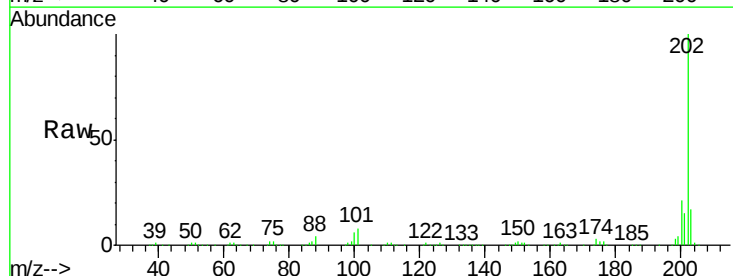
Tgt Ion:202 Resp: 783559

Ion Ratio Lower Upper

202 100

101 8.4 0.0 35.4

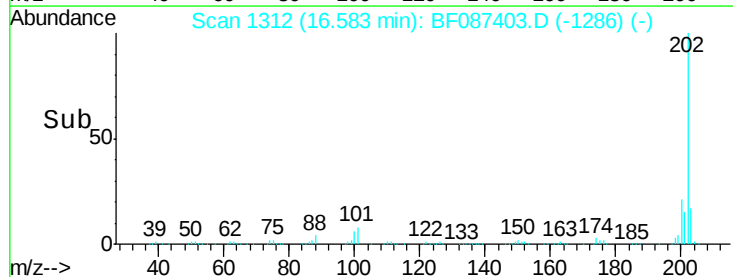
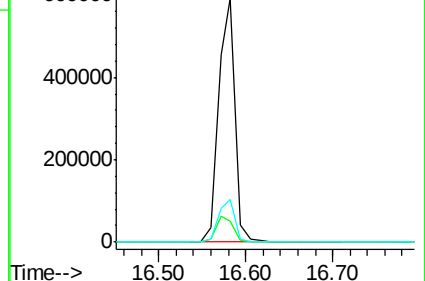
203 17.4 0.0 38.1

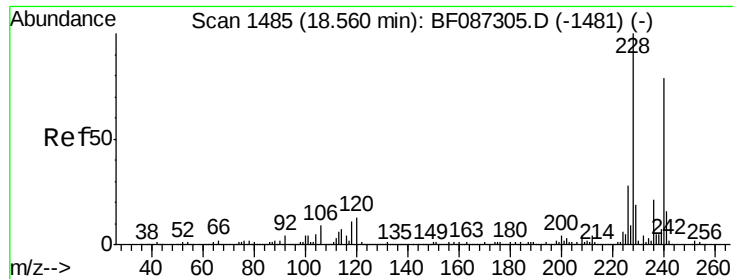


Abundance Ion 202.00 (201.70 to 202.70): E

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: 18.48 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

ClientSampleId :

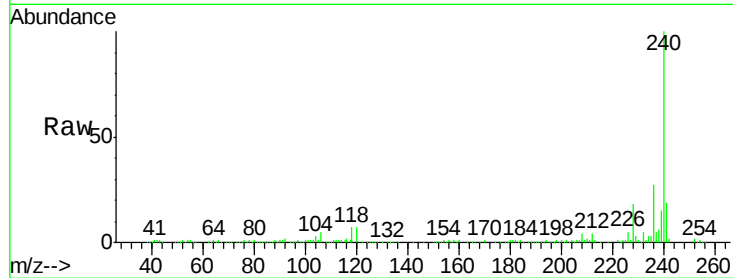
Tot Ion:240 Resp: 216023

Ion Ratio Lower Upper

240 100

120 7.5 11.2 16.8#

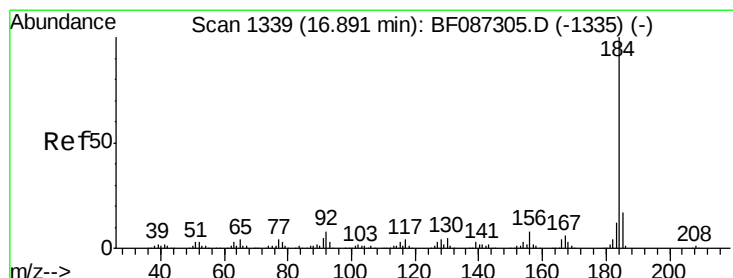
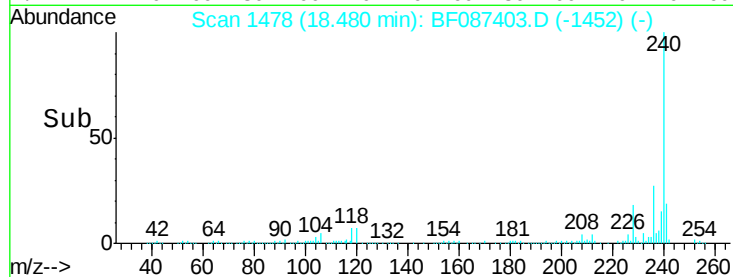
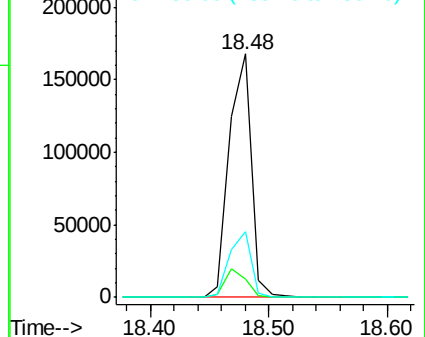
236 26.8 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 64.91 ng

RT: 16.81 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

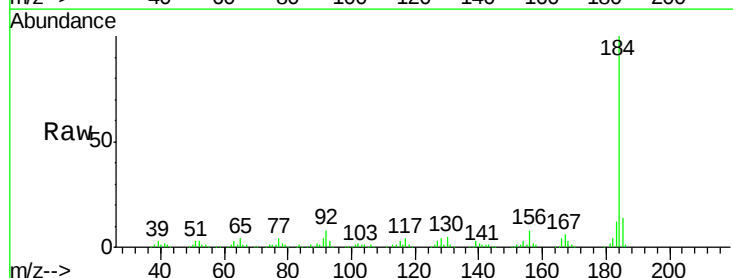
Tgt Ion:184 Resp: 360806

Ion Ratio Lower Upper

184 100

185 13.7 13.6 20.4

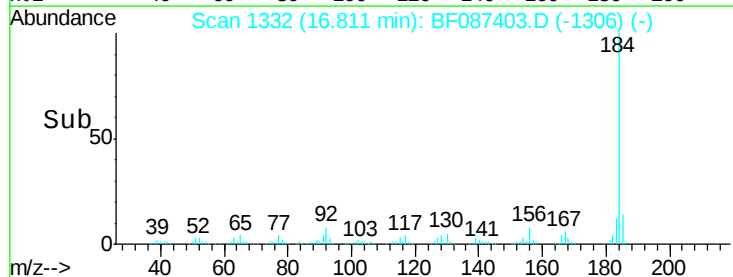
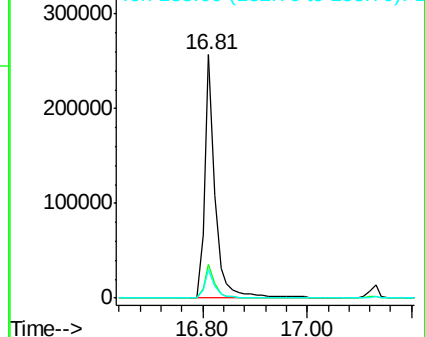
183 11.7 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

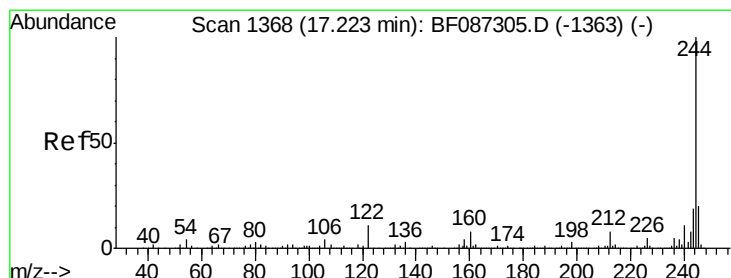
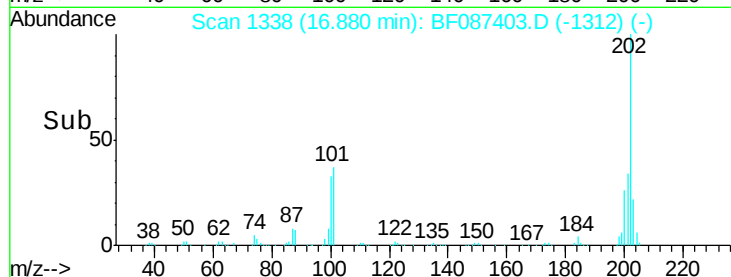
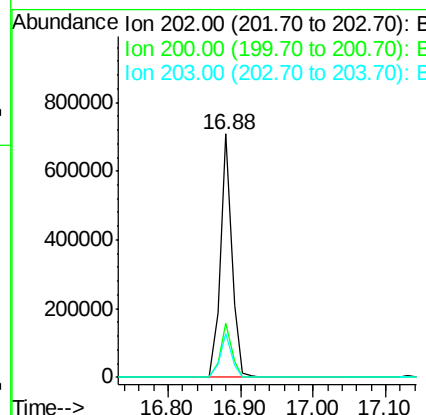
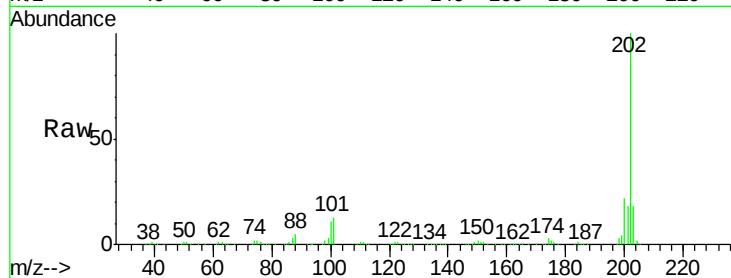




#77
Pvrene
Concen: 49.90 ng
RT: 16.88 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

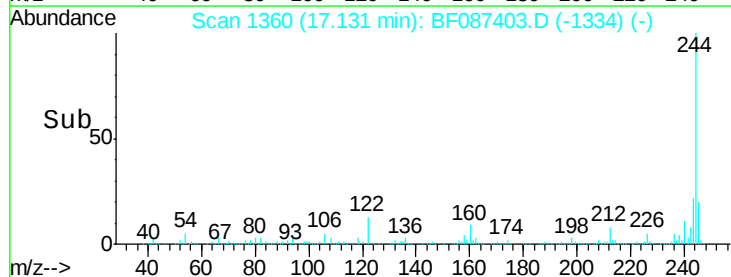
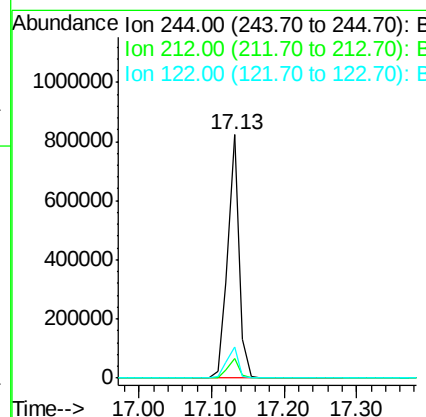
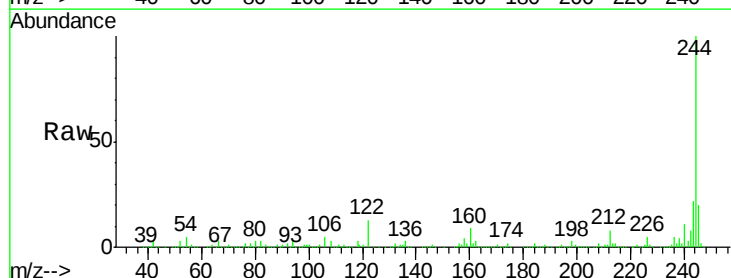
Instrument :
BNA_F
ClientSampled :

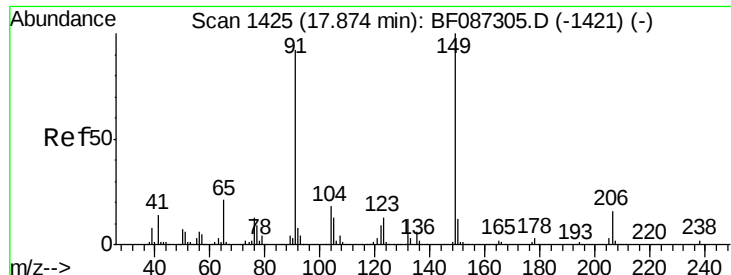
Tot Ion:202 Resp: 775887
Ion Ratio Lower Upper
202 100
200 22.0 17.7 26.5
203 18.2 14.2 21.4



#78
Terphenyl-d14
Concen: 88.72 ng
RT: 17.13 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion:244 Resp: 901461
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.2
122 12.8 12.0 18.0

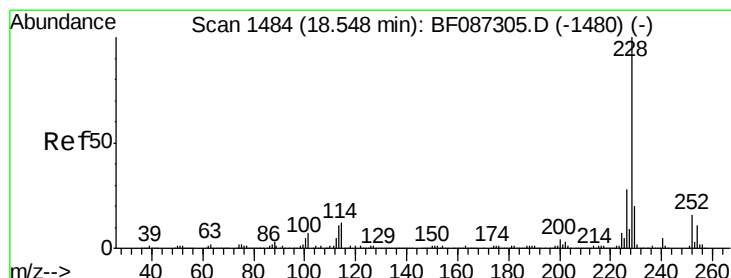
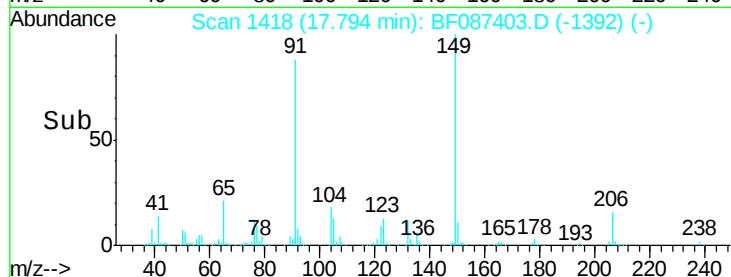
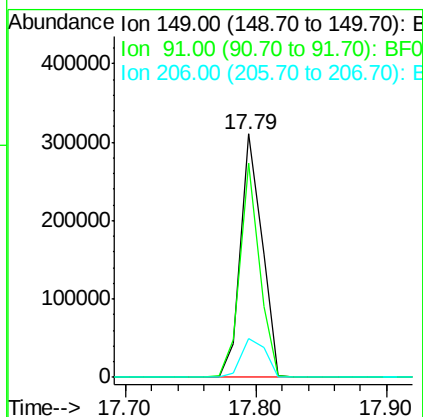
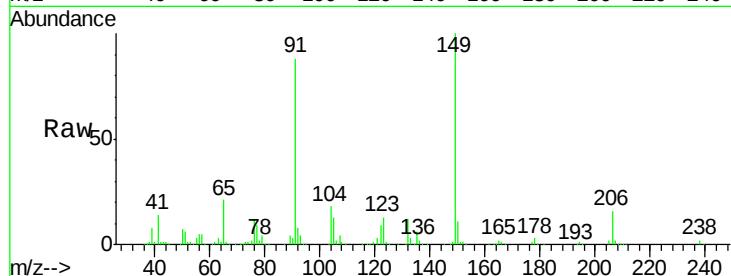




#79
Butylbenzylphthalate
Concen: 51.24 ng
RT: 17.79 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

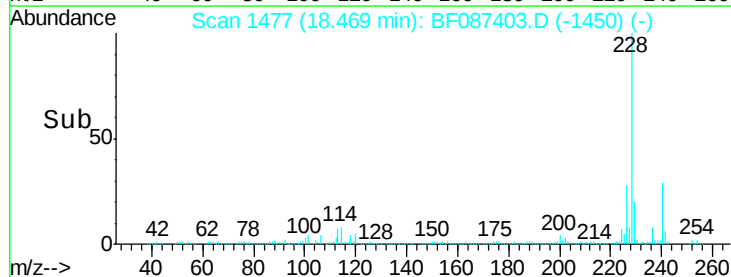
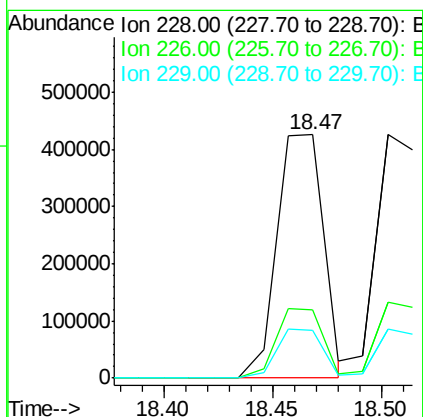
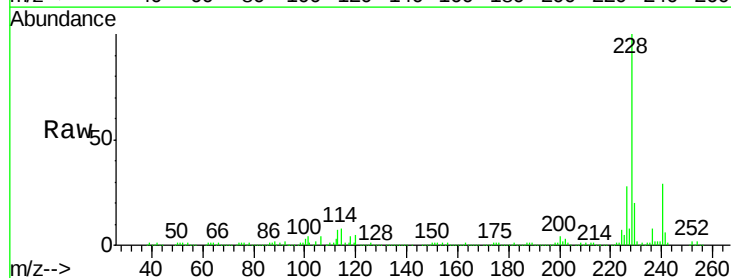
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 353358
Ion Ratio Lower Upper
149 100
91 87.7 48.0 72.0#
206 16.2 15.8 23.6



#80
Benzo(a)anthracene
Concen: 51.97 ng
RT: 18.47 min Scan# 1477
Delta R.T. 0.01 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion:228 Resp: 638610
Ion Ratio Lower Upper
228 100
226 28.0 22.5 33.7
229 19.7 16.6 25.0

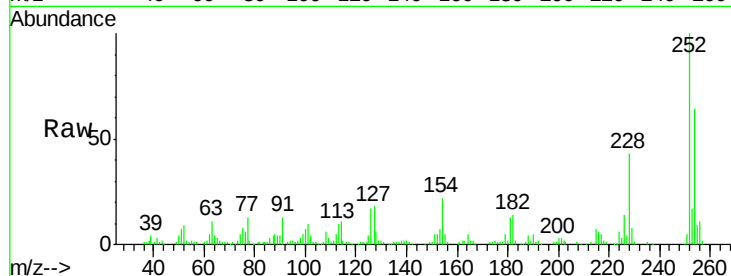




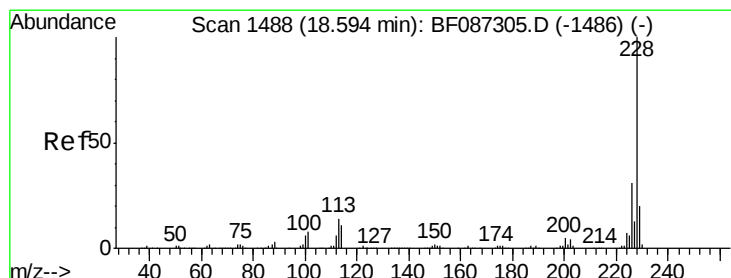
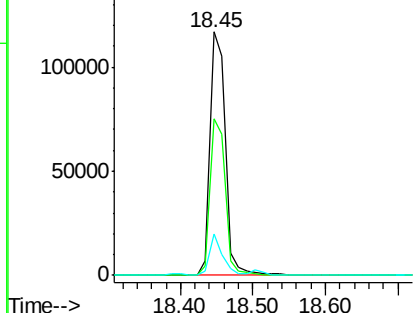
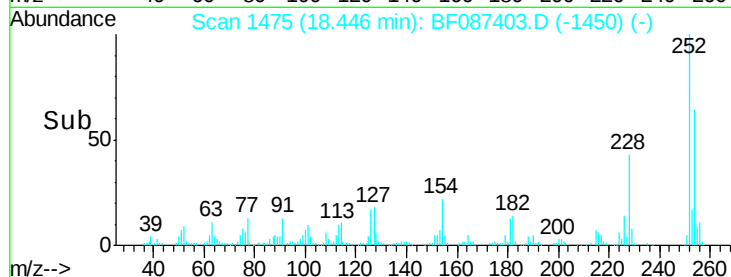
#81
 3,3'-Dichlorobenzidine
 Concen: 25.33 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.7	76.1
126	17.1	12.7	19.1

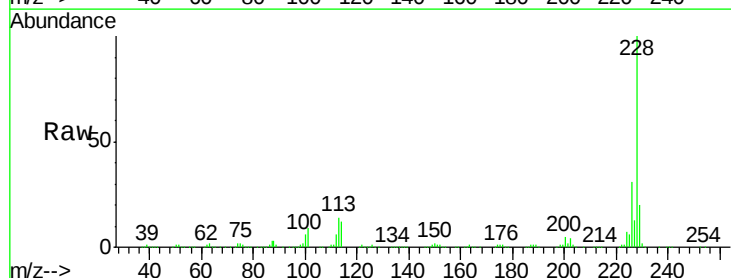


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

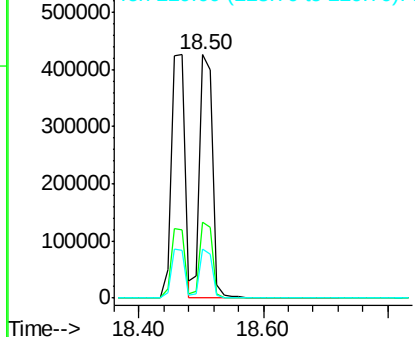
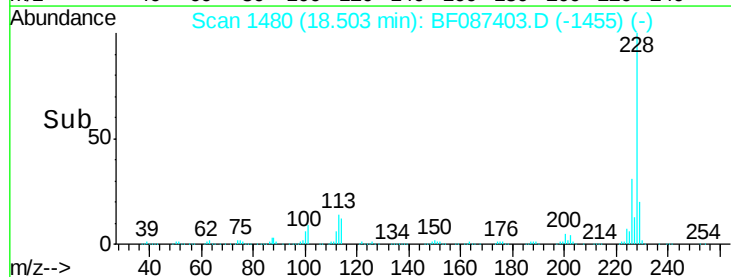


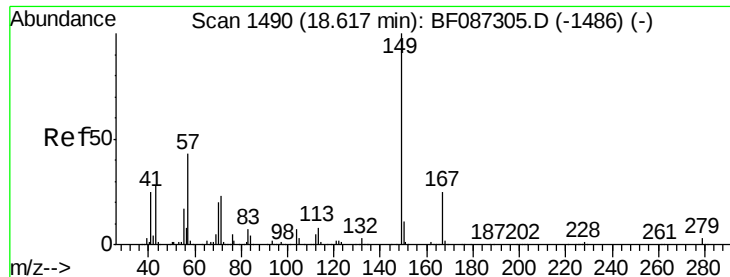
#82
 Chrysene
 Concen: 50.80 ng
 RT: 18.50 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	20.0	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: 49.65 ng

RT: 18.54 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

ClientSampleId :

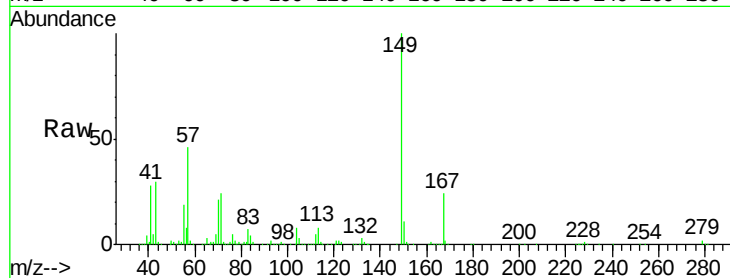
Tot Ion:149 Resp: 499581

Ion Ratio Lower Upper

149 100

167 24.1 21.8 32.6

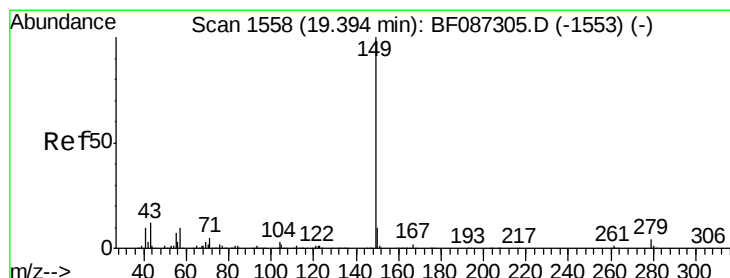
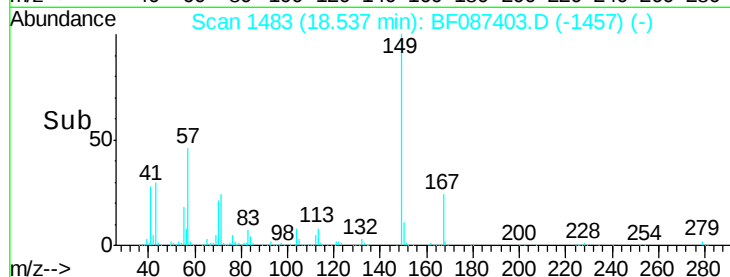
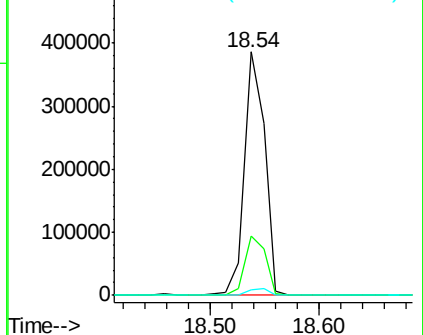
279 2.2 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.90 ng

RT: 19.31 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

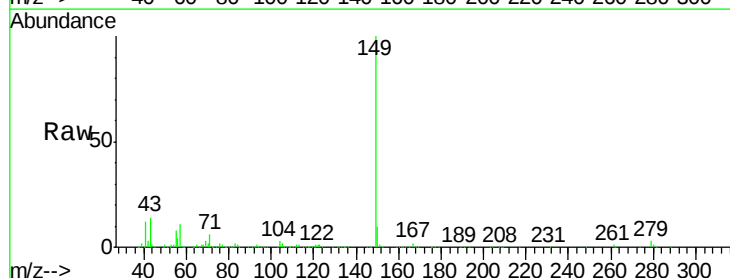
Tgt Ion:149 Resp: 796406

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

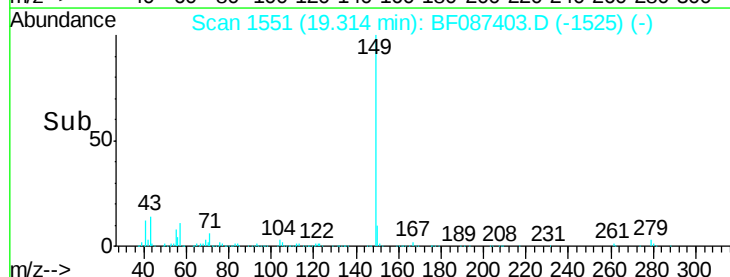
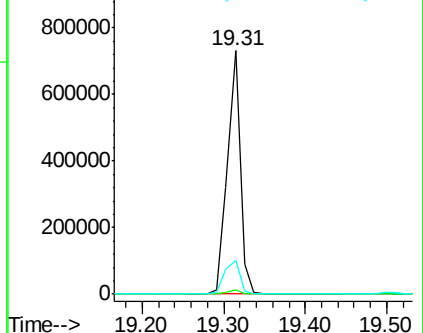
43 16.3 8.2 12.4#

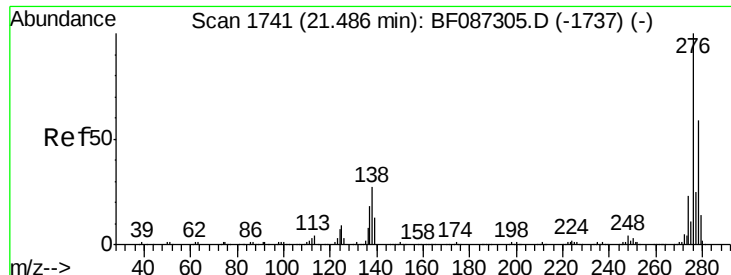


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

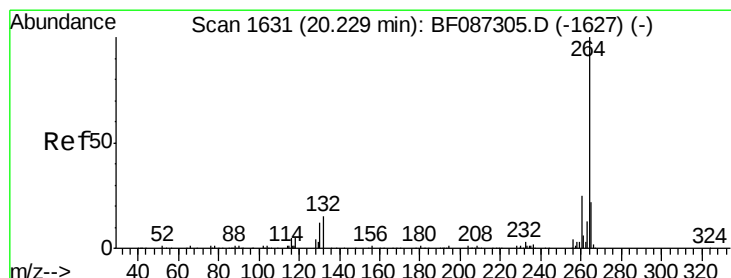
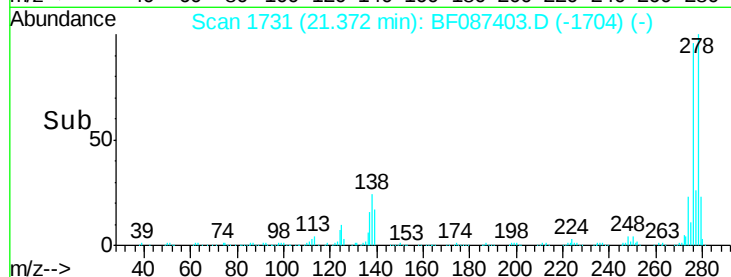
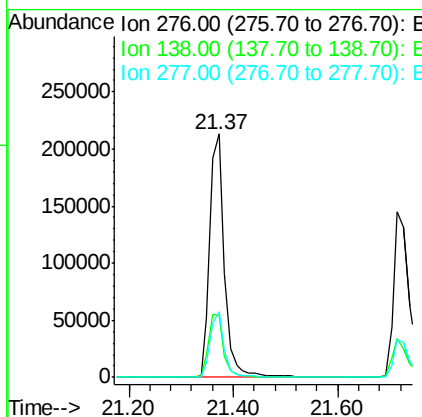
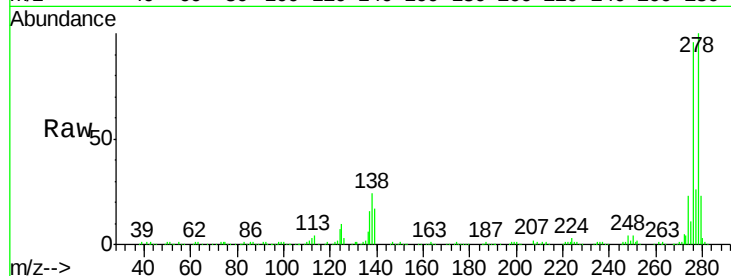




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.03 ng
 RT: 21.37 min Scan# 1731
 Delta R.T. 0.01 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

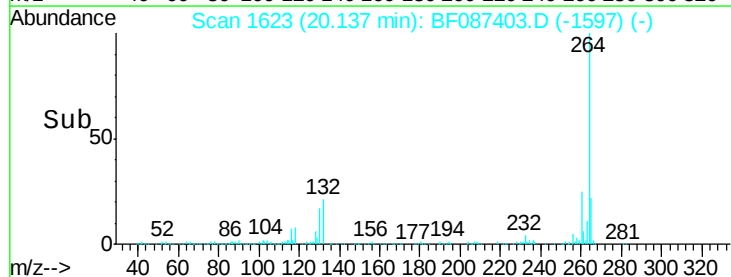
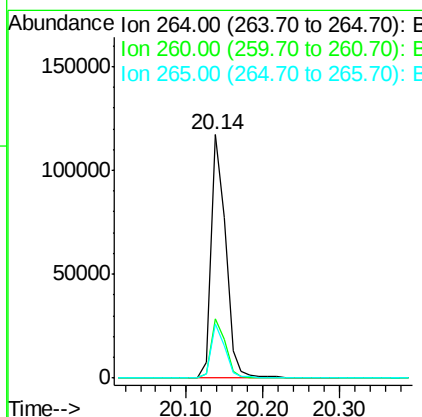
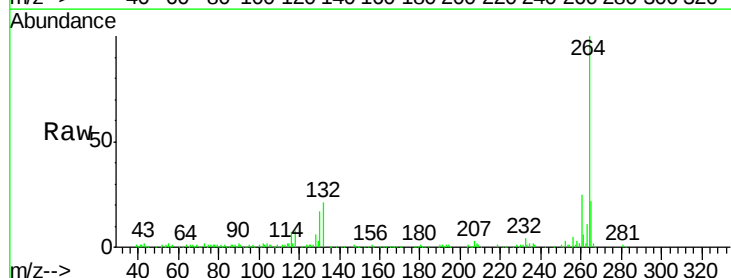
Instrument :
 BNA_F
 ClientSampled :

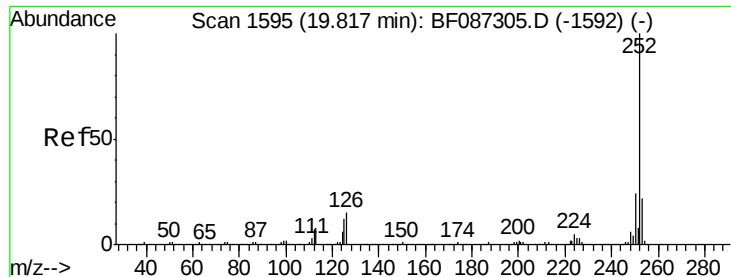
Tot Ion:276 Resp: 420688
 Ion Ratio Lower Upper
 276 100
 138 26.4 25.6 38.4
 277 25.6 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.14 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Tgt Ion:264 Resp: 153004
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.1 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 53.57 ng

RT: 19.74 min Scan# 1588

Delta R.T. 0.01 min

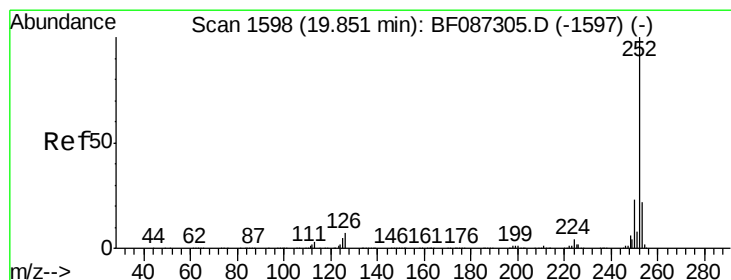
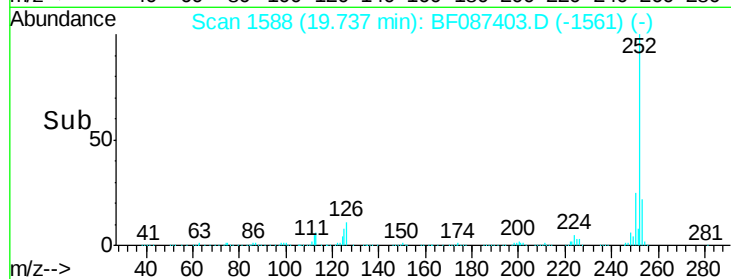
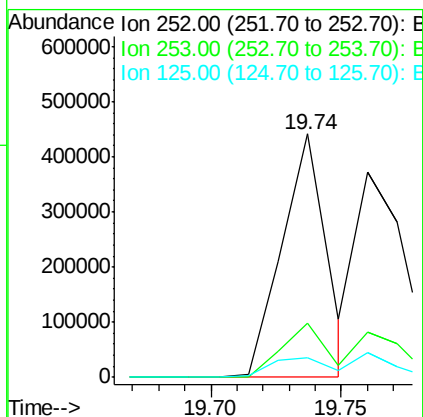
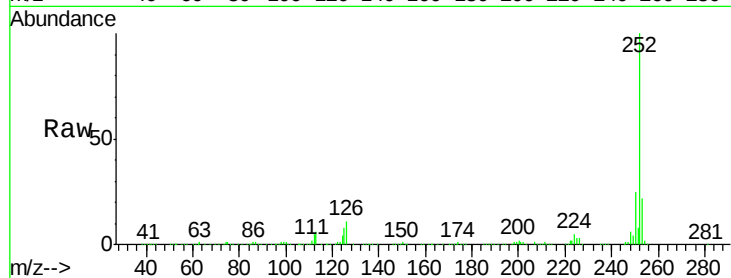
Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 522082

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	8.3	11.4	17.0#



#88

Benzo(k)fluoranthene

Concen: 62.23 ng

RT: 19.74 min Scan# 1588

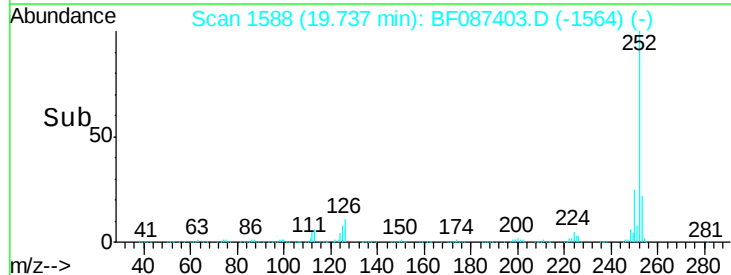
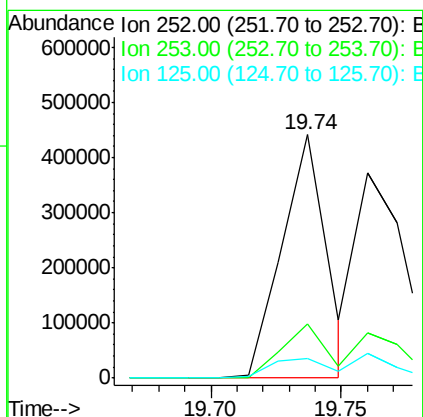
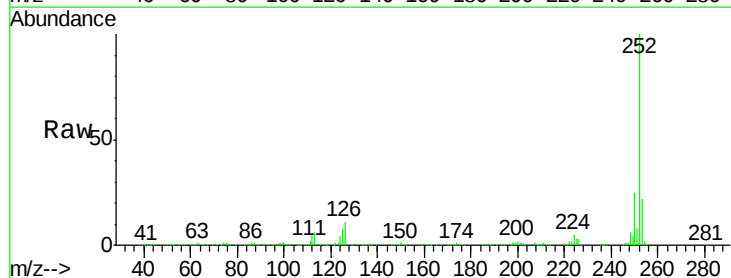
Delta R.T. -0.02 min

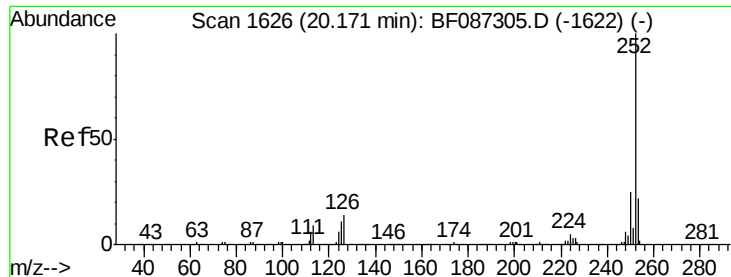
Lab File: BF087403.D

Acq: 26 May 2016 9:18

Tgt Ion:252 Resp: 522082

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	8.3	9.1	13.7#

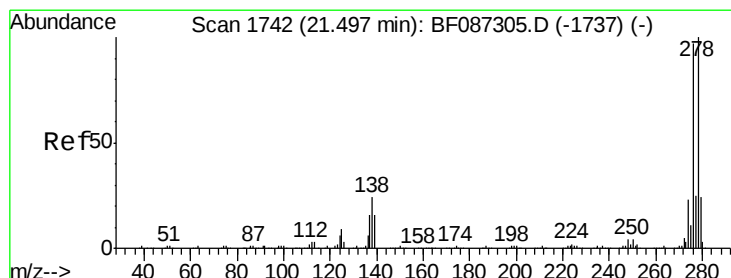
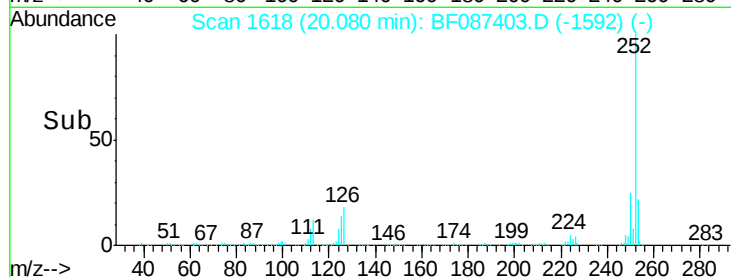
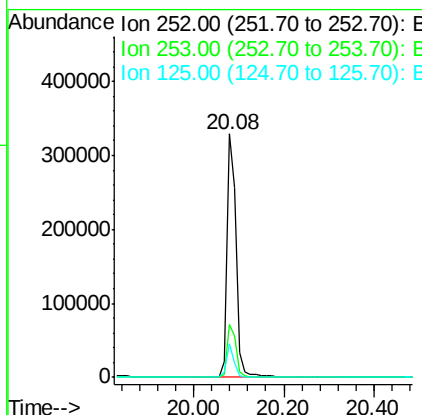
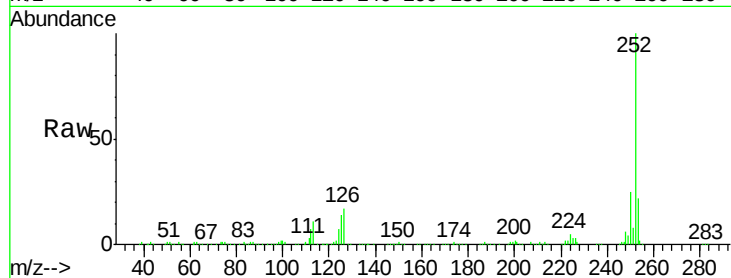




#89
Benzo(a)pyrene
Concen: 53.96 ng
RT: 20.08 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

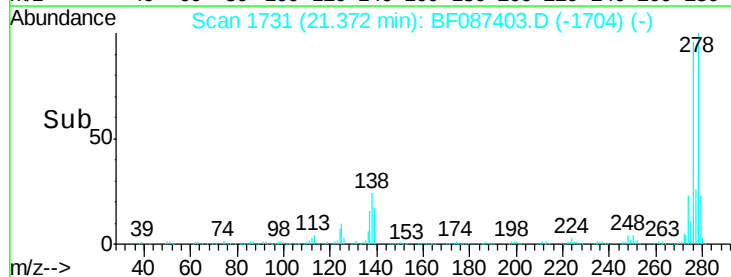
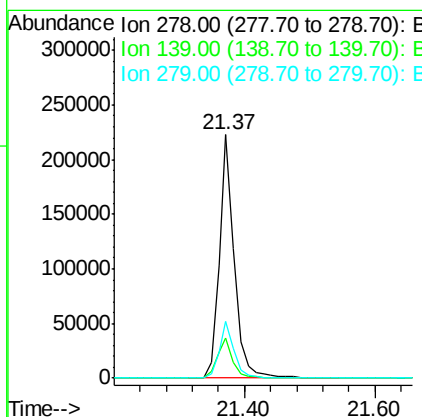
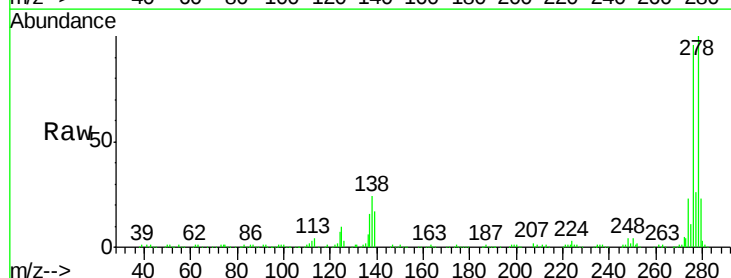
Instrument :
BNA_F
ClientSampleId :

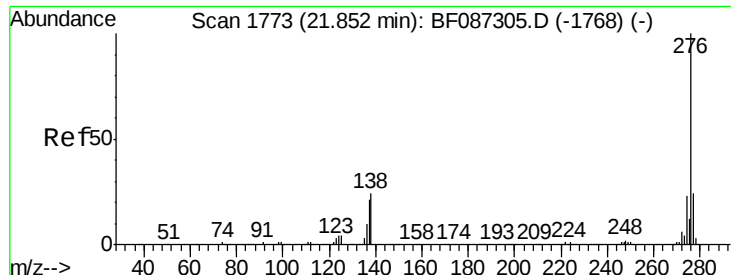
Tot Ion:252 Resp: 454850
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 13.9 9.0 13.6#



#90
Dibenzo(a,h)anthracene
Concen: 50.12 ng
RT: 21.37 min Scan# 1731
Delta R.T. 0.01 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion:278 Resp: 360327
Ion Ratio Lower Upper
278 100
139 16.5 16.6 24.8#
279 23.2 19.6 29.4

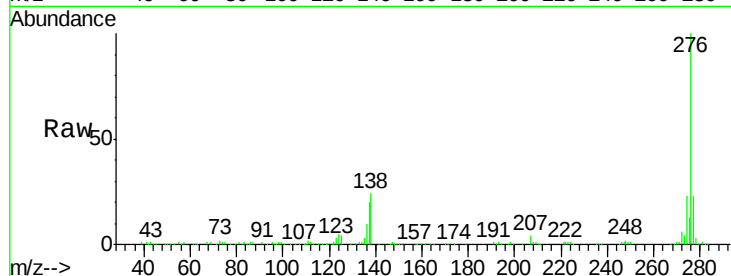




#91
 Benzo(a,h,i)perylene
 Concen: 48.08 ng
 RT: 21.71 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
341085	276	100		
	277	23.0	19.6	29.4
	138	23.7	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

